

Huitt-Zollars, Inc.

# Commercial Planned Development District Master Plan Drainage and Open Space Study

Town of Fairview



Prepared for:

**Town of Fairview**

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Final Report

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## 1.0 Executive Summary

This report documents the methodology and results for the Commercial Planned Development District (CPDD) Master Plan of Drainage and Open Space Study (MPDOSS) within the Town of Fairview, TX. The purpose of this study is to determine what storm drainage infrastructure will be necessary to prevent the CPDD from creating adverse impacts to Sloan Creek and its tributaries within the CPDD and downstream of the CPDD. The study also presents an open space plan to facilitate creating space within the CPDD where the detention function serves to enhance the open space experience.

A general understanding of the project site existing conditions can be gained by review of a photo log created from the field reconnaissance and provided in Appendix B.

The hydrologic analysis was prepared utilizing HEC-GeoHMS tools to develop an SCS unit hydrograph analysis of the existing conditions within the CPDD basin. The drainage area map was developed from the ArcHydro GIS tool using the City's Lidar data. The drainage area map is provided in Appendix A.

Resulting discharges for various junction points of interest within the model are provided below in Table 4. The drainage area map provided in Appendix A displays the locations of the junctions. There are no FEMA regulatory discharges within the CPDD, as detailed FEMA mapping begins further downstream from the CPDD. FEMA Zone 'A' floodplains present within the CPDD are estimated by FEMA and are not based off of detailed studies. The hydrologic modeling for this report was extended downstream to the confluence with Wilson Creek and results of that analysis are provided separate-bound Sloan Creek Floodplain Study report. As discussed within that report, where this study and FEMA modeling overlap, this study produces moderately higher discharges.

Baseline hydraulic and geomorphologic conditions were assessed for Sloan Creek and the Sloan Creek tributaries within the CPDD. Manning's 'n' values were estimated for channel and overbank areas within the CPDD based upon field observations and comparison of observations and documented photos with aerial imagery of the project. The City's Lidar data was utilized for the creation of a HEC-RAS model using Hec-GeoRAS version 10.1. The resulting 100-year floodplain boundaries are provided on the Topographic Workmap provided in Appendix C.

In general, Sloan Creek and its tributaries within the CPDD are defined as being deeply incised streams that have capacity to convey all or most of the 100-year discharge within the main channel. The stream is incised within a Wacky shale formation that is highly susceptible to erosion when exposed to repetitive wet/dry cycles. Once weathered by sufficient wet/dry cycles, the allowable shear stress of the Wacky shale is then reduced to being significantly less than the shear stress created by the deeply incised hydraulic characteristics of the stream.

Anticipated land use for the CPDD was based upon review of the current CPDD land plan and the form based code. Review of the form based code indicates that for the urban village land use designations, the average percent imperviousness is expected to be in the range of 84%, which is a significant increase relative to existing conditions.

The anticipated developed conditions were estimated. Discharges for various junction points of interest within the model are provided in Table 7. The drainage area map provided in Appendix A displays the locations of the junctions. Table 8 provides a comparison of existing versus fully

developed 2-YR, 10-YR, 50-YR, 100-YR, and 500-YR discharges at each junction point of interest. This table represents the potential impact that the CPDD could have relative to existing conditions without the implementation of the master plan improvements.

Alternatives were examined for placement of regional detention facilities as needed to prevent an increase in the 100-year discharge downstream of the CPDD. The proposed Master Plan Detention Layout is provided in Appendix E. The regional facilities have been strategically placed to provide protection for Sloan Creek and for each Sloan Creek tributary. In addition to protecting against adverse impacts to the 1% AEP floodplain, the facilities are also designed to prevent adverse impact to the 50% AEP discharge relative to existing conditions. Protection at the lower design storm event is important in order to protect the streams against erosion that could otherwise occur as a result of the increased impervious area that will be associated with the CPDD.

One of the main considerations in selection of a detention concept for Sloan Creek and the tributary that exists upstream of the existing railroad facility (Tributary 1), was the decision to prevent further stream erosion within these reaches by keeping the reaches submerged. The goal of keeping the lower portions of currently eroded stream submerged is accomplished through the use of a large wet pool within the stream and by installing a series of small drop structures within the streams to keep additional length of stream submerged. This approach is discussed more fully in the Stream Restoration and Protection Plan section of this report. Conceptual grading has also been prepared for each of the proposed detention facilities. Conceptual grading and typical sections of each facility are provided in Appendix E. Table 11 provides a comparison of existing versus proposed condition water surface elevations for the 1% AEP and 50% AEP discharges.

In order to prevent the CPDD from having an adverse impact on the wet/dry cycle frequency of the channel downstream, an assessment was performed of the frequency of the wet/dry cycle. In order to assess frequency of the wet/dry cycle events, continuous simulation modeling was performed using HEC-HMS and the Lavon Dam rain gage where 15-minute precipitation values are available for approximately 30 years of record.

Continuous simulation models were run for the existing condition and proposed condition to provide for comparison. A third model was also run to analyze the proposed condition if LID BMP's were incorporated.

Table 15 provides a summary of the frequency of events that exceed 27 cfs at the point of interest near the downstream end of the CPDD. This discharge value represents the approximate discharge required to produce 3 inches of depth within the channel. This depth was selected as a reasonable depth for which exceedance may be considered to create the wet/dry cycle of concern within the channel sidewalls. The table indicates that the master plan development, especially with inclusion of the proposed LID BMPs, will actually decrease the number of times that the wet/dry cycle is expected to occur downstream of the CPDD. This is an important metric to compare potential adverse impact to the stream downstream of the CPDD.

The Open Space Master Plan is provided in Appendix F. The open space master plan is envisioned around a high energy, pedestrian focused and diverse set of urban core services, plazas, squares and outdoor experiences within an overall unifying urban design framework. Set

within the urban core framework of the Fairview Commercial District master plan, the area has been strategically designed with commercial, retail, office, hotel, restaurant and entertainment uses to produce an entertainment and services hub for the future surrounding residential, loft, townhome and multi-family uses. The central open space is a public gathering area with a crushed granite park area, plenty of shade trees, decorative string lighting and movable furniture to invite the user into multiple uses and possibilities. The intent in this high energy area is to create a special pedestrian environment with many areas to explore, create experiences, find interesting shops and have a nice meal while on a patio watching people, fountains and enjoying the surrounding natural environment. All of these experiences provide the base core for the surrounding open space plan.

Pedestrian linkages are the key to success for the open space plan. It is crucial the linkages convey a sense of approach into the urban core and lead the user to the services, open space activities and other significant districts surrounding the urban core. To provide these connections, first a wide sidewalk should be placed along the curb line around the perimeter of the open space. Flanking each side of the open space trail, near the center of the urban core are two large open space areas. The south side has been planned as a large, natural amphitheater where plays, concerts, community theatre and special events can be held. The amphitheater takes advantage of naturally sloping topography and along with natural stone terraces, thoughtful grading and selected site amenities can be a wonderful addition to urban design. The north side open space is a simple, large circular area where outdoor markets, art displays and special events can be held. The two special event areas are connected by the pond and entertainment areas of the district.

Based on the current Framework Plan, the location of the proposed detention facilities, and the terrain of the existing land, an anticipated location of major storm drain trunk lines was developed. Trunk line alignments were assumed to follow the route of major roadway infrastructure. The resulting storm drain trunk line sizes and locations are provided in Appendix H. A table of line lengths and sizes is provided necessary for the storm drain trunk lines is provided in Table 16.

As a new development, the Town of Fairview has the opportunity to incorporate low-impact development (LID) best management practices (BMPs) within the Commercial Planned Development District (CPDD) planning and design process. When correctly and effectively implemented, LID BMPs can be impactful to the stormwater and detention infrastructure, water quality, project and utility costs, energy usage, aesthetic appeal, and town image. This report includes the LID BMPs related to stormwater that are best suited for the Town of Fairview along with benefits, limitations, general costs, and overall impact of each method. Water quality, retention of stormwater runoff, and rainwater harvesting will be covered. Economic incentives for implementing sustainable infrastructure are also discussed.

A preliminary opinion of probable construction costs (OPCC) has been prepared based upon the proposed elements of the Master Plan of Drainage and Open Space Plan. Table 18 provides a summary of the anticipated costs, totaling approximately \$9.3 Million.

## 2.0 Background

This report documents the methodology and results for the Commercial Planned Development District (CPDD) Master Plan of Drainage and Open Space Study (MPDOSS) within the Town of Fairview, TX. The purpose of this study is to determine what storm drainage infrastructure will be necessary to prevent the CPDD from creating adverse impacts to Sloan Creek and its tributaries within the CPDD and downstream of the CPDD. The study also presents an open space plan to facilitate creating space within the CPDD where the detention function serves to enhance the open space experience. A separate-bound report entitled, “Sloan Creek Floodplain Study” provides detailed hydrologic and hydraulic analysis of the extension of Sloan Creek from the CPDD boundary to the confluence with Wilson Creek.

This report also provides an assessment of alternatives for streambank protection within the CPDD to potentially mitigate some of the existing stream channel erosion and to protect against further erosion of the existing stream channels. Low impact development (LID) best management practices (BMPs) have also been assessed to manage water quality, water re-use, and sustainability.

## 3.0 Data Collection

The hydrologic and hydraulic modeling is built upon the following data sources:

- Topographic features from the Town of Fairview Lidar data
- As-built bridge plans
- Field surveys of existing bridges
- SSURGO soils data
- Existing aerial photographs
- Field reconnaissance of existing channel and floodplain conditions

Appendix B provides hard copies of the photo log created from the field reconnaissance. Photos are referenced by adjacent cross-section locations, which are provided on the topographic workmap included within Appendix C.



### 4.0 Baseline Hydrology

The hydrologic analysis was prepared utilizing HEC-GeoHMS tools to develop an SCS unit hydrograph analysis of the existing conditions within the CPDD basin. The drainage area map was developed from the ArcHydro GIS tool using the City’s Lidar data. The initial drainage basin areas were then refined using storm drain locations from City of Allen and City of McKinney GIS databases and from available drainage area maps from previous development and studies within the basin. The drainage area map was then verified in the field at specific locations where questions on the boundary location still remained. The drainage area map is provided in Appendix A.

Soils data from the SSURGO database was imported and existing land use was derived from the land cover data provided in GIS by the USGS National Land Viewer and compared/ revised with recent aerial photography from Google Earth. Weighted average curve numbers were then developed for each sub-basin based upon land use per the values reflected in Table 1.

**Table 1: Land Use Values**

| LuValue | Description               | Soil A | Soil B | Soil C | Soil D |
|---------|---------------------------|--------|--------|--------|--------|
| 1       | Water                     | 100    | 100    | 100    | 100    |
| 2       | 1 Acre Lots-Residential   | 51     | 68     | 79     | 84     |
| 3       | 1/4 Acre Lots-Residential | 61     | 75     | 83     | 87     |
| 4       | Commercial and Business   | 89     | 92     | 94     | 95     |
| 5       | Dirt                      | 72     | 82     | 87     | 89     |

Times of concentration were estimated for each basin using NRCS methodology for sheet flow, shallow concentrated flow, and channel flow. Lag time for each sub-basin was assumed to be equal to 0.6 times the time of concentration. Detailed backup information for the times of concentration estimates are provided in Appendix A. Table 2 presents the drainage area, curve number, and lag time estimate for each subbasin.

**Table 2: Existing Curve Numbers**

| Subbasin | Area (acre) | CN   | Lag (min) |
|----------|-------------|------|-----------|
| 6        | 163.6       | 86.2 | 24.0      |
| 7        | 63.4        | 85.6 | 17.2      |
| 8        | 128.0       | 85.6 | 17.7      |
| 9        | 38.8        | 86.9 | 12.0      |
| 10       | 38.6        | 84.8 | 14.3      |
| 11       | 32.8        | 87.1 | 10.0      |
| 12       | 71.3        | 78.5 | 11.5      |
| 13       | 19.0        | 85.3 | 10.0      |
| 14       | 76.1        | 86.0 | 12.0      |
| 15       | 215.0       | 92.9 | 9.0       |
| 16       | 42.2        | 79.2 | 26.2      |
| 17       | 220.9       | 84.5 | 35.7      |

Rainfall data was derived from the “Atlas of Depth-Duration Frequency of Precipitation Annual Maxima for Texas,” dated 2004 and prepared by the USGS in cooperation with TxDOT. Rainfall depths for 24-hour design storms are presented in Table 3. The temporal distribution of these rainfall depths was assumed to follow the NOAA Type III rainfall pattern.

**Table 3: Precipitation Data**

| Return Periods (yr) | 24-hr Depth (in) |
|---------------------|------------------|
| <b>2</b>            | 3.60             |
| <b>10</b>           | 6.00             |
| <b>50</b>           | 8.40             |
| <b>100</b>          | 9.84             |
| <b>500</b>          | 13.68            |

Resulting discharges for various junction points of interest within the model are provided below in Table 4. The drainage area map provided in Appendix A displays the locations of the junctions. For a discussion of the comparison of these discharge estimates with current FEMA regulatory discharge estimates, refer to the separate-bound Sloan Creek Floodplain Study report.

**Table 4: Existing Discharges**

| Junction    | 2 yr (cfs) | 10 yr (cfs) | 50 yr (cfs) | 100 yr (cfs) | 500 yr (cfs) |
|-------------|------------|-------------|-------------|--------------|--------------|
| <b>J1</b>   | 349.3      | 668.5       | 985.7       | 1174.6       | 1673.9       |
| <b>J2</b>   | 283.6      | 561.1       | 839.3       | 1005.1       | 1443.9       |
| <b>J3</b>   | 73.3       | 148.8       | 224.8       | 270.2        | 390.3        |
| <b>J4</b>   | 158.7      | 316.6       | 475.0       | 569.4        | 819.0        |
| <b>J5</b>   | 45.1       | 81.6        | 117.7       | 139.2        | 196.1        |
| <b>J6</b>   | 185.8      | 366.2       | 546.6       | 654.0        | 938.0        |
| <b>J7</b>   | 672.6      | 1321.8      | 1971.7      | 2359.0       | 3374.6       |
| <b>J8</b>   | 761.0      | 1494.9      | 2229.4      | 2498.7       | 3821.7       |
| <b>J9</b>   | 54.7       | 106.5       | 158.1       | 188.8        | 270.0        |
| <b>J11</b>  | 103.9      | 209.0       | 314.6       | 377.6        | 544.3        |
| <b>J12A</b> | 660.2      | 1281.3      | 1866.9      | 2251.9       | 3206.3       |
| <b>J12B</b> | 1425.8     | 2819.8      | 4213.6      | 4790.6       | 7259.7       |
| <b>J13</b>  | 159.7      | 329.3       | 500.4       | 602.5        | 873.3        |
| <b>J14A</b> | 503.1      | 949.7       | 1402.7      | 1672.7       | 2345.6       |
| <b>J14B</b> | 578.0      | 1106.3      | 1596.4      | 1925.8       | 2735.9       |
| <b>J15</b>  | 410.3      | 732.7       | 1052.0      | 1242.5       | 1752.1       |
| <b>J16</b>  | 1790.6     | 3512.5      | 5293.9      | 6093.1       | 9225.0       |
| <b>J17</b>  | 1428.0     | 2846.2      | 4254.2      | 4836.7       | 7339.6       |

## 5.0 Baseline Hydraulics / Geomorphology

Baseline hydraulic and geomorphologic conditions were assessed for Sloan Creek and the Sloan Creek tributaries within the CPDD. Manning’s ‘n’ values were estimated for channel and overbank areas within the CPDD based upon field observations and comparison of observations and documented photos with aerial imagery of the project. Photographs that document existing conditions are provided in Appendix B. The photograph descriptions reference cross-section locations that are provided on the Topographic Workmap provided in Appendix C.

The City’s Lidar data was utilized for the creation of a HEC-RAS model using Hec-GeoRAS version 10.1. Cross-sections through a vector surface created from the Lidar data were supplemented with bridge as-built and field survey data. Sections were cut at locations displayed on the Topographic Workmap. Ineffective flow locations were added to the model as needed to reflect physical conditions, especially at entrance and exit locations of bridges and culverts. Resulting water surface elevations for the 50% AEP (2-year) and 1% AEP (100-year) water surface profiles are provided in Tables 5A and 5B. Channel velocities, floodplain top widths, and maximum depths are also provided for each cross-section. Additional hydraulic information is provided in Appendix C. The resulting 100-year floodplain boundaries are provided on the Topographic Workmap provided in Appendix C. Current regulatory FEMA Zone A floodplain boundaries are also provided on the Topographic Workmap for reference.

**Table 5A: Existing Hydraulic Parameters 2 YR Storm**

| Reach         | River Station | Q Total (cfs) | WSE (ft) | Velocity (fps) | Top Width (ft) |
|---------------|---------------|---------------|----------|----------------|----------------|
| Trib 1        | 1730          | 283.6         | 620.52   | 1.86           | 69.43          |
| Trib 1        | 1585          | 283.6         | 619.08   | 6.02           | 18.46          |
| Trib 1        | 1481          | 283.6         | 617.26   | 5.13           | 33.91          |
| Trib 1        | 1284          | 283.6         | 615.93   | 4.26           | 28.88          |
| Trib 1        | 1150          | 283.6         | 614.22   | 5.97           | 27.58          |
| Trib 1        | 905           | 283.6         | 611.99   | 5.09           | 24.16          |
| Trib 1        | 771           | 283.6         | 610.19   | 6.55           | 33.35          |
| Trib 1        | 597           | 283.6         | 606.14   | 7.2            | 24.78          |
| Trib 1        | 472           | 283.6         | 602      | 7.84           | 19.15          |
| Trib 1        | 400           | 283.6         | 600.58   | 4.76           | 25.19          |
| Trib 1        | 281           | 283.6         | 600.47   | 3.12           | 23.59          |
| Trib 1        | 178           | 283.6         | 600.54   | 1.19           | 41.22          |
| Trib 1        | 121           | 283.6         | 600.53   | 1.31           | 36.84          |
| Sloan Creek 1 | 24980         | 349.3         | 625.14   | 1.46           | 68.32          |
| Sloan Creek 1 | 24866         | 349.3         | 624.62   | 4.58           | 32.67          |
| Sloan Creek 1 | 24689         | 349.3         | 621.63   | 5.38           | 32.99          |
| Sloan Creek 1 | 24571         | 349.3         | 618.45   | 6.08           | 32.13          |
| Sloan Creek 1 | 24374         | 349.3         | 616.04   | 4.04           | 37.17          |
| Sloan Creek 1 | 24184         | 349.3         | 612.52   | 8.27           | 20.15          |
| Sloan Creek 1 | 24125         | 349.3         | 610.31   | 6.93           | 27.88          |
| Sloan Creek 1 | 23992         | 349.3         | 608.92   | 4.93           | 35.86          |
| Sloan Creek 1 | 23807         | 349.3         | 606.09   | 7.18           | 26.67          |
| Sloan Creek 1 | 23702         | 349.3         | 603.98   | 6.64           | 37.87          |
| Sloan Creek 1 | 23529         | 349.3         | 601.37   | 3.57           | 34.83          |

| Reach         | River Station | Q Total (cfs) | WSE (ft) | Velocity (fps) | Top Width (ft) |
|---------------|---------------|---------------|----------|----------------|----------------|
| Sloan Creek 1 | 23412         | 349.3         | 599.83   | 7.43           | 27.67          |
| Sloan Creek 1 | 23361         | 349.3         | 598.08   | 7.2            | 30.68          |
| Sloan Creek 1 | 23241         | 349.3         | 596.73   | 5.21           | 26.86          |
| Sloan Creek 2 | 23059         | 672.6         | 595.08   | 6.42           | 36.7           |
| Sloan Creek 2 | 22895         | 672.6         | 594.45   | 4.24           | 43.44          |
| Sloan Creek 2 | 22787         | 672.6         | 592.78   | 8.87           | 31.28          |
| Sloan Creek 2 | 22660         | 672.6         | 592.05   | 5.42           | 38.53          |
| Sloan Creek 2 | 22543         | 672.6         | 590.47   | 8.72           | 33             |
| Sloan Creek 2 | 22388         | 672.6         | 590.36   | 4.16           | 41.7           |
| Sloan Creek 2 | 22326         | 672.6         | 590.3    | 3.73           | 41.53          |
| Sloan Creek 2 | 22175         | 761           | 589.96   | 3.91           | 42.65          |
| Sloan Creek 2 | 22135         | 761           | 589.93   | 3.42           | 37.82          |
| Sloan Creek 2 | 22100         | Bridge        | 0        | 0              | 0              |
| Sloan Creek 2 | 22009         | 761           | 588.79   | 4.29           | 29.54          |
| Sloan Creek 2 | 21891         | 761           | 588.75   | 2.76           | 45.63          |
| Sloan Creek 3 | 21695         | 1425.8        | 588.49   | 3.55           | 55.48          |
| Sloan Creek 3 | 21542         | 1425.8        | 588.39   | 3.26           | 60.49          |
| Sloan Creek 3 | 21500         | Culvert       | 0        | 0              | 0              |
| Sloan Creek 3 | 21430         | 1425.8        | 579.3    | 9.28           | 56.99          |
| Sloan Creek 3 | 21339         | 1425.8        | 577.67   | 8.52           | 49.74          |
| Sloan Creek 3 | 21177         | 1425.8        | 576.22   | 7.56           | 56.85          |
| Sloan Creek 3 | 21073         | 1425.8        | 575.89   | 6.48           | 42.34          |
| Sloan Creek 3 | 20985         | 1425.8        | 575.7    | 5.83           | 46.31          |
| Sloan Creek 3 | 20838         | 1425.8        | 574.83   | 7.05           | 46.99          |
| Sloan Creek 3 | 20696         | 1425.8        | 574.4    | 5.8            | 50.95          |
| Sloan Creek 3 | 20571         | 1425.8        | 574      | 5.82           | 47.85          |
| Sloan Creek 3 | 20456         | 1425.8        | 572.8    | 8.29           | 39.54          |
| Sloan Creek 3 | 20385         | 1425.8        | 572.35   | 7.62           | 39.99          |
| Sloan Creek 3 | 20302         | 1425.8        | 571.86   | 7.49           | 40.26          |
| Sloan Creek 3 | 20138         | 1425.8        | 570.86   | 7.32           | 49.24          |
| Sloan Creek 3 | 20002         | 1425.8        | 569.4    | 9.38           | 52.08          |
| Sloan Creek 3 | 19852         | 1425.8        | 569.01   | 6.8            | 52.69          |
| Sloan Creek 3 | 19671         | 1425.8        | 568.51   | 6.45           | 51.32          |
| Sloan Creek 3 | 19578         | 1425.8        | 568.49   | 4.7            | 63.88          |
| Sloan Creek 3 | 19442         | 1425.8        | 567.49   | 7.11           | 43.79          |
| Sloan Creek 3 | 19272         | 1425.8        | 566.73   | 6.2            | 45.07          |
| Sloan Creek 3 | 19102         | 1425.8        | 565.82   | 7.06           | 42.21          |
| Sloan Creek 3 | 18882         | 1425.8        | 564.76   | 6.07           | 50.01          |
| Sloan Creek 3 | 18729         | 1425.8        | 563.79   | 6.73           | 48.88          |
| Sloan Creek 3 | 18586         | 1425.8        | 563.04   | 7.24           | 37.83          |
| Sloan Creek 3 | 18446         | 1425.8        | 562.55   | 7.5            | 58.99          |
| Sloan Creek 3 | 18188         | 1425.8        | 562.35   | 4.74           | 54.53          |
| Sloan Creek 3 | 18087         | 1425.8        | 561.63   | 7.23           | 50.79          |
| Sloan Creek 3 | 17782         | 1790.6        | 559.92   | 7.34           | 56.51          |
| Sloan Creek 3 | 17681         | 1790.6        | 559.97   | 4.79           | 68.19          |
| Sloan Creek 3 | 17468         | 1790.6        | 559.09   | 6.87           | 54.41          |

| Reach         | River Station | Q Total (cfs) | WSE (ft) | Velocity (fps) | Top Width (ft) |
|---------------|---------------|---------------|----------|----------------|----------------|
| Sloan Creek 3 | 17316         | 1790.6        | 558.44   | 7.89           | 56.06          |
| Sloan Creek 3 | 17175         | 1790.6        | 558.17   | 6.88           | 60.5           |
| Sloan Creek 3 | 17081         | 1790.6        | 558.02   | 6.44           | 57.65          |
| Sloan Creek 3 | 16946         | 1790.6        | 557.88   | 5.48           | 57.49          |
| Sloan Creek 3 | 16755         | 1790.6        | 556.79   | 7.43           | 49.75          |
| Sloan Creek 3 | 16562         | 1790.6        | 556.17   | 5.91           | 60.85          |
| Sloan Creek 3 | 16369         | 1790.6        | 555.86   | 5.09           | 77.13          |
| Sloan Creek 3 | 16225         | 1790.6        | 555.55   | 5.38           | 63.78          |
| Sloan Creek 3 | 16026         | 1790.6        | 555.34   | 4.62           | 62.05          |
| Sloan Creek 3 | 15918         | 1790.6        | 555.03   | 5.44           | 69.16          |
| Sloan Creek 3 | 15770         | 1790.6        | 554.87   | 4.61           | 66.4           |
| Sloan Creek 3 | 15526         | 1790.6        | 554.31   | 4.44           | 69.02          |
| Sloan Creek 3 | 15383         | 1790.6        | 553.94   | 4.74           | 58.65          |
| Sloan Creek 3 | 15369         | 1790.6        | 553.85   | 3.63           | 71.66          |
| Sloan Creek 3 | 15023         | 1790.6        | 552.53   | 6.42           | 79.02          |
| Sloan Creek 3 | 14558         | 1790.6        | 551.53   | 4.79           | 70.06          |
| Sloan Creek 3 | 14333         | 1790.6        | 551.32   | 4.23           | 68.66          |
| Sloan Creek 3 | 14173         | 1790.6        | 550.72   | 5.35           | 62.69          |
| Sloan Creek 3 | 14022         | 1790.6        | 549.96   | 6.18           | 66.08          |
| Sloan Creek 3 | 13931         | 1790.6        | 548.87   | 8.62           | 94.71          |
| Sloan Creek 3 | 13722         | 1790.6        | 544.23   | 8.47           | 104.45         |
| Sloan Creek 3 | 13600         | Bridge        | 0        | 0              | 0              |
| Sloan Creek 3 | 13592         | 1790.6        | 542.5    | 5.28           | 77.58          |
| Sloan Creek 3 | 13448         | 1790.6        | 542.07   | 5.34           | 53.9           |
| Sloan Creek 3 | 13336         | 1790.6        | 541.62   | 6.51           | 45.33          |
| Sloan Creek 3 | 13079         | 1790.6        | 541.36   | 3.79           | 65.85          |
| Sloan Creek 3 | 12912         | 1790.6        | 540.79   | 6.15           | 46.76          |
| Sloan Creek 3 | 12688         | 1790.6        | 540.31   | 6.18           | 45.65          |
| Sloan Creek 3 | 12510         | 1790.6        | 540.18   | 4.99           | 73.06          |
| Sloan Creek 3 | 12247         | 1790.6        | 538.89   | 6.72           | 59.62          |
| Sloan Creek 3 | 12003         | 1790.6        | 538.36   | 4.69           | 75.33          |
| Sloan Creek 3 | 11727         | 1790.6        | 537.79   | 4.58           | 51.26          |
| Sloan Creek 3 | 11497         | 1790.6        | 537.53   | 4.78           | 54.53          |
| Sloan Creek 3 | 10968         | 1790.6        | 536.58   | 5.89           | 46.77          |
| Sloan Creek 3 | 10778         | 1790.6        | 536.29   | 5.66           | 44.85          |
| Sloan Creek 3 | 10424         | 1790.6        | 535.87   | 5.02           | 51.71          |
| Sloan Creek 3 | 10096         | 1790.6        | 535.6    | 4.39           | 86.96          |
| Sloan Creek 3 | 9974          | 1790.6        | 535.45   | 4.56           | 62.64          |
| Sloan Creek 3 | 9537          | 1790.6        | 534.37   | 5.51           | 46.81          |
| Sloan Creek 3 | 9092          | 1790.6        | 533.27   | 4.36           | 75.76          |
| Sloan Creek 3 | 8930          | 1790.6        | 533.12   | 3.26           | 93.68          |
| Sloan Creek 3 | 8910          | Bridge        | 0        | 0              | 0              |
| Sloan Creek 3 | 8792          | 1790.6        | 532.83   | 4.7            | 50.96          |
| Sloan Creek 3 | 8730          | 1790.6        | 532.63   | 4.88           | 50.97          |
| Sloan Creek 3 | 8121          | 1790.6        | 531.54   | 3.68           | 86.65          |
| Sloan Creek 3 | 7943          | 1790.6        | 531.32   | 3.23           | 71.47          |

| Reach         | River Station | Q Total (cfs) | WSE (ft) | Velocity (fps) | Top Width (ft) |
|---------------|---------------|---------------|----------|----------------|----------------|
| Sloan Creek 3 | 7720          | 1790.6        | 530.84   | 3.94           | 54.69          |
| Sloan Creek 3 | 7292          | 1790.6        | 529.74   | 4.29           | 54.59          |
| Sloan Creek 3 | 6855          | 1790.6        | 528.57   | 4.43           | 67.51          |
| Sloan Creek 3 | 6674          | 1790.6        | 528.26   | 3.96           | 70.74          |
| Sloan Creek 3 | 6490          | 1790.6        | 527.85   | 4.24           | 64.51          |
| Sloan Creek 3 | 6108          | 1790.6        | 527.01   | 3.98           | 136.98         |
| Sloan Creek 3 | 5907          | 1790.6        | 526.4    | 4.82           | 161.22         |
| Sloan Creek 3 | 5610          | 1790.6        | 525.92   | 3.77           | 117.91         |
| Sloan Creek 3 | 5437          | 1790.6        | 525.52   | 4.43           | 59.16          |
| Sloan Creek 3 | 5172          | 1790.6        | 524.85   | 4.67           | 179.36         |
| Sloan Creek 3 | 5097          | 1790.6        | 524.67   | 4.52           | 188.66         |
| Sloan Creek 3 | 4917          | 1790.6        | 523.93   | 5.39           | 186.52         |
| Sloan Creek 3 | 4732          | 1790.6        | 523.25   | 5.13           | 531.6          |
| Sloan Creek 3 | 4556          | 1790.6        | 522.19   | 6.39           | 580.48         |
| Sloan Creek 3 | 4378          | 1790.6        | 522.46   | 1.34           | 657.9          |
| Sloan Creek 3 | 4270          | 1790.6        | 522.44   | 1.19           | 710.8          |
| Sloan Creek 3 | 4129          | 1790.6        | 522.41   | 1.13           | 753.06         |
| Sloan Creek 3 | 3954          | 1790.6        | 522.39   | 1.06           | 746.38         |
| Sloan Creek 3 | 3761          | 1790.6        | 521.42   | 7.21           | 728.02         |
| Sloan Creek 3 | 3636          | 1790.6        | 520.66   | 6.12           | 750.33         |
| Sloan Creek 3 | 3358          | 1790.6        | 520.04   | 3.4            | 642.03         |
| Sloan Creek 3 | 3054          | 1790.6        | 520.02   | 0.85           | 832.13         |
| Sloan Creek 3 | 2806          | 1790.6        | 520      | 0.59           | 1024.55        |
| Sloan Creek 3 | 2471          | 1790.6        | 519.86   | 2.75           | 1186.38        |
| Sloan Creek 3 | 2160          | 1790.6        | 519.68   | 2.26           | 1079.17        |
| Sloan Creek 3 | 2034          | 1790.6        | 519.45   | 2.83           | 1044.21        |
| Sloan Creek 3 | 1578          | 1790.6        | 516.86   | 9.03           | 568.29         |
| Sloan Creek 3 | 1305          | 1790.6        | 517      | 2.51           | 521.9          |
| Sloan Creek 3 | 860           | 1790.6        | 516.81   | 1.74           | 1396.64        |
| Sloan Creek 3 | 528           | 1790.6        | 515.79   | 6.6            | 959.13         |
| Sloan Creek 3 | 93            | 3436.3        | 515.68   | 2.57           | 966.46         |

Table 5B: Existing Hydraulic Parameters 100 YR Storm

| Reach  | River Station | Q Total (cfs) | WSE (ft) | Velocity (fps) | Top Width (ft) |
|--------|---------------|---------------|----------|----------------|----------------|
| Trib 1 | 1730          | 1005.1        | 623.89   | 2.4            | 87.36          |
| Trib 1 | 1585          | 1005.1        | 621.13   | 11.29          | 22.48          |
| Trib 1 | 1481          | 1005.1        | 619.77   | 6.46           | 45.58          |
| Trib 1 | 1284          | 1005.1        | 618.25   | 7.19           | 33.95          |
| Trib 1 | 1150          | 1005.1        | 616.92   | 7.02           | 43.32          |
| Trib 1 | 905           | 1005.1        | 613.96   | 8.77           | 39.71          |
| Trib 1 | 771           | 1005.1        | 611.94   | 8.8            | 47.54          |
| Trib 1 | 597           | 1005.1        | 608.25   | 9.4            | 39.01          |
| Trib 1 | 472           | 1005.1        | 607.9    | 6              | 25.41          |
| Trib 1 | 400           | 1005.1        | 608.07   | 3.65           | 31.99          |

| Reach         | River Station | Q Total (cfs) | WSE (ft) | Velocity (fps) | Top Width (ft) |
|---------------|---------------|---------------|----------|----------------|----------------|
| Trib 1        | 281           | 1005.1        | 608.01   | 3.48           | 29.12          |
| Trib 1        | 178           | 1005.1        | 608.1    | 1.68           | 63.98          |
| Trib 1        | 121           | 1005.1        | 608.07   | 1.93           | 45.49          |
| Sloan Creek 1 | 24980         | 1174.6        | 628.22   | 2.46           | 85.65          |
| Sloan Creek 1 | 24866         | 1174.6        | 627.19   | 7.06           | 37.43          |
| Sloan Creek 1 | 24689         | 1174.6        | 623.67   | 8.22           | 43.95          |
| Sloan Creek 1 | 24571         | 1174.6        | 620.77   | 7.93           | 45.26          |
| Sloan Creek 1 | 24374         | 1174.6        | 618.94   | 5.51           | 50.13          |
| Sloan Creek 1 | 24184         | 1174.6        | 615.16   | 10.97          | 28.73          |
| Sloan Creek 1 | 24125         | 1174.6        | 612.36   | 10.11          | 36.58          |
| Sloan Creek 1 | 23992         | 1174.6        | 611.49   | 6.53           | 49.05          |
| Sloan Creek 1 | 23807         | 1174.6        | 608.19   | 10.88          | 29.79          |
| Sloan Creek 1 | 23702         | 1174.6        | 606.24   | 7.68           | 49.31          |
| Sloan Creek 1 | 23529         | 1174.6        | 606.18   | 4.19           | 40.62          |
| Sloan Creek 1 | 23412         | 1174.6        | 605.89   | 4.68           | 41.61          |
| Sloan Creek 1 | 23361         | 1174.6        | 605.93   | 3.43           | 42.9           |
| Sloan Creek 1 | 23241         | 1174.6        | 605.88   | 3.18           | 40.57          |
| Sloan Creek 2 | 23059         | 2359          | 605.65   | 4.11           | 60.24          |
| Sloan Creek 2 | 22895         | 2359          | 605.68   | 2.79           | 92.55          |
| Sloan Creek 2 | 22787         | 2359          | 605.57   | 3.48           | 89.22          |
| Sloan Creek 2 | 22660         | 2359          | 605.6    | 2.78           | 106.74         |
| Sloan Creek 2 | 22543         | 2359          | 605.56   | 3.01           | 111.25         |
| Sloan Creek 2 | 22388         | 2359          | 605.56   | 2.39           | 97.29          |
| Sloan Creek 2 | 22326         | 2359          | 605.58   | 1.92           | 127.35         |
| Sloan Creek 2 | 22175         | 2359          | 605.57   | 1.91           | 133.85         |
| Sloan Creek 2 | 22135         | 2359          | 605.53   | 2.26           | 148.3          |
| Sloan Creek 2 | 22100         | Bridge        | 0        | 0              | 0              |
| Sloan Creek 2 | 22009         | 2359          | 602.72   | 3.46           | 69.8           |
| Sloan Creek 2 | 21891         | 2359          | 602.76   | 2.03           | 161.74         |
| Sloan Creek 3 | 21695         | 5045          | 602.53   | 3.9            | 140.52         |
| Sloan Creek 3 | 21542         | 5045          | 602.54   | 3.38           | 319.41         |
| Sloan Creek 3 | 21500         | Culvert       | 0        | 0              | 0              |
| Sloan Creek 3 | 21430         | 5045          | 583.44   | 12.27          | 67.88          |
| Sloan Creek 3 | 21339         | 5045          | 582.84   | 11.17          | 59.94          |
| Sloan Creek 3 | 21177         | 5045          | 582.64   | 8.58           | 78.6           |
| Sloan Creek 3 | 21073         | 5045          | 581.78   | 10.31          | 63.64          |
| Sloan Creek 3 | 20985         | 5045          | 581.66   | 9.28           | 54.37          |
| Sloan Creek 3 | 20838         | 5045          | 581.16   | 8.98           | 64.3           |
| Sloan Creek 3 | 20696         | 5045          | 580.78   | 8.47           | 58.36          |
| Sloan Creek 3 | 20571         | 5045          | 580.22   | 9.02           | 52.82          |
| Sloan Creek 3 | 20456         | 5045          | 578.35   | 12.41          | 44.94          |
| Sloan Creek 3 | 20385         | 5045          | 577.87   | 11.93          | 45.78          |
| Sloan Creek 3 | 20302         | 5045          | 577.36   | 11.63          | 48.61          |
| Sloan Creek 3 | 20138         | 5045          | 577.14   | 8.91           | 68.27          |
| Sloan Creek 3 | 20002         | 5045          | 575.54   | 12.55          | 72.25          |
| Sloan Creek 3 | 19852         | 5045          | 575.7    | 8.88           | 63.92          |

| Reach         | River Station | Q Total (cfs) | WSE (ft) | Velocity (fps) | Top Width (ft) |
|---------------|---------------|---------------|----------|----------------|----------------|
| Sloan Creek 3 | 19671         | 5045          | 574.84   | 10.45          | 80.18          |
| Sloan Creek 3 | 19578         | 5045          | 575.3    | 6.38           | 78.96          |
| Sloan Creek 3 | 19442         | 5045          | 573.93   | 9.89           | 52.82          |
| Sloan Creek 3 | 19272         | 5045          | 573.34   | 8.87           | 62.45          |
| Sloan Creek 3 | 19102         | 5045          | 572.51   | 9.52           | 56.24          |
| Sloan Creek 3 | 18882         | 5045          | 571.99   | 7.8            | 65.75          |
| Sloan Creek 3 | 18729         | 5045          | 571.57   | 7.65           | 66.14          |
| Sloan Creek 3 | 18586         | 5045          | 570.76   | 9.19           | 54.95          |
| Sloan Creek 3 | 18446         | 5045          | 570.53   | 9.54           | 73.54          |
| Sloan Creek 3 | 18188         | 5045          | 570.36   | 7.23           | 74.81          |
| Sloan Creek 3 | 18087         | 5045          | 569.72   | 9.1            | 67.14          |
| Sloan Creek 3 | 17782         | 6343.9        | 567.67   | 10.12          | 74.96          |
| Sloan Creek 3 | 17681         | 6343.9        | 568.01   | 6.7            | 84.14          |
| Sloan Creek 3 | 17468         | 6343.9        | 566.8    | 9.98           | 66.77          |
| Sloan Creek 3 | 17316         | 6343.9        | 566.1    | 11.48          | 73.45          |
| Sloan Creek 3 | 17175         | 6343.9        | 566.05   | 9.59           | 81.27          |
| Sloan Creek 3 | 17081         | 6343.9        | 565.79   | 9.79           | 71.17          |
| Sloan Creek 3 | 16946         | 6343.9        | 565.84   | 7.9            | 74.31          |
| Sloan Creek 3 | 16755         | 6343.9        | 564.87   | 9.78           | 66.83          |
| Sloan Creek 3 | 16562         | 6343.9        | 564.93   | 6.78           | 89.86          |
| Sloan Creek 3 | 16369         | 6343.9        | 564.88   | 6.13           | 140.05         |
| Sloan Creek 3 | 16225         | 6343.9        | 564.8    | 5.76           | 129.15         |
| Sloan Creek 3 | 16026         | 6343.9        | 564.6    | 5.96           | 82.41          |
| Sloan Creek 3 | 15918         | 6343.9        | 564.52   | 5.84           | 90.12          |
| Sloan Creek 3 | 15770         | 6343.9        | 564.44   | 5.56           | 214.79         |
| Sloan Creek 3 | 15526         | 6343.9        | 564.22   | 4.87           | 334.78         |
| Sloan Creek 3 | 15383         | 6343.9        | 563.92   | 5.63           | 427.78         |
| Sloan Creek 3 | 15369         | 6343.9        | 563.89   | 4.93           | 373.36         |
| Sloan Creek 3 | 15023         | 9834.7        | 561      | 13.08          | 104.76         |
| Sloan Creek 3 | 14558         | 9834.7        | 559.38   | 9.6            | 261.28         |
| Sloan Creek 3 | 14333         | 9834.7        | 558.92   | 9.58           | 177.59         |
| Sloan Creek 3 | 14173         | 9834.7        | 556.63   | 13.16          | 217.34         |
| Sloan Creek 3 | 14022         | 9834.7        | 554.43   | 15.06          | 182.13         |
| Sloan Creek 3 | 13931         | 9834.7        | 554.54   | 13.16          | 379.98         |
| Sloan Creek 3 | 13722         | 9834.7        | 554.77   | 7.47           | 178.67         |
| Sloan Creek 3 | 13600         | Bridge        | 0        | 0              | 0              |
| Sloan Creek 3 | 13592         | 9834.7        | 554.26   | 7.92           | 202.26         |
| Sloan Creek 3 | 13448         | 9834.7        | 553.54   | 8.93           | 133.88         |
| Sloan Creek 3 | 13336         | 9834.7        | 552.85   | 10.41          | 93.53          |
| Sloan Creek 3 | 13079         | 9834.7        | 552.91   | 6.87           | 275.06         |
| Sloan Creek 3 | 12912         | 9834.7        | 551.63   | 10.65          | 148.51         |
| Sloan Creek 3 | 12688         | 9834.7        | 551.22   | 10.47          | 166.15         |
| Sloan Creek 3 | 12510         | 9834.7        | 551.75   | 7.12           | 552.85         |
| Sloan Creek 3 | 12247         | 9834.7        | 550.59   | 9.15           | 493.22         |
| Sloan Creek 3 | 12003         | 11336.9       | 550.43   | 6.95           | 790.2          |
| Sloan Creek 3 | 11727         | 11336.9       | 548.77   | 10.03          | 187.06         |



| Reach         | River Station | Q Total (cfs) | WSE (ft) | Velocity (fps) | Top Width (ft) |
|---------------|---------------|---------------|----------|----------------|----------------|
| Sloan Creek 3 | 11497         | 11336.9       | 548.84   | 8.25           | 678.25         |
| Sloan Creek 3 | 10968         | 11336.9       | 546.37   | 12.01          | 224.31         |
| Sloan Creek 3 | 10778         | 11336.9       | 545.07   | 13.23          | 179.11         |
| Sloan Creek 3 | 10424         | 11336.9       | 545.23   | 9.34           | 439.58         |
| Sloan Creek 3 | 10096         | 12108.5       | 545.13   | 7.83           | 920.54         |
| Sloan Creek 3 | 9974          | 12108.5       | 544.64   | 8.89           | 884.15         |
| Sloan Creek 3 | 9537          | 12108.5       | 544.34   | 6.2            | 810.06         |
| Sloan Creek 3 | 9092          | 12108.5       | 542.76   | 8.85           | 532.07         |
| Sloan Creek 3 | 8930          | 12108.5       | 542.7    | 5.85           | 799.37         |
| Sloan Creek 3 | 8910          | Bridge        | 0        | 0              | 0              |
| Sloan Creek 3 | 8792          | 12108.5       | 541.02   | 10.78          | 656.96         |
| Sloan Creek 3 | 8730          | 12108.5       | 540.84   | 8.23           | 771.15         |
| Sloan Creek 3 | 8121          | 12108.5       | 538.44   | 9.14           | 885.22         |
| Sloan Creek 3 | 7943          | 12108.5       | 538.21   | 6.36           | 1110.48        |
| Sloan Creek 3 | 7720          | 12108.5       | 537.74   | 6.01           | 1029.93        |
| Sloan Creek 3 | 7292          | 12108.5       | 536.8    | 5.66           | 1170.91        |
| Sloan Creek 3 | 6855          | 12108.5       | 535.99   | 5.91           | 658.11         |
| Sloan Creek 3 | 6674          | 12108.5       | 535.62   | 6.24           | 790.71         |
| Sloan Creek 3 | 6490          | 12108.5       | 534.71   | 8.46           | 588.22         |
| Sloan Creek 3 | 6108          | 12108.5       | 533.61   | 6.76           | 608.27         |
| Sloan Creek 3 | 5907          | 12108.5       | 533.18   | 6.25           | 661.3          |
| Sloan Creek 3 | 5610          | 13090.6       | 531.14   | 11             | 656.26         |
| Sloan Creek 3 | 5437          | 13090.6       | 530.13   | 10.39          | 552.99         |
| Sloan Creek 3 | 5172          | 13090.6       | 528.69   | 9.03           | 594.91         |
| Sloan Creek 3 | 5097          | 13090.6       | 528.48   | 7.73           | 736.39         |
| Sloan Creek 3 | 4917          | 13090.6       | 526.65   | 11.5           | 665.76         |
| Sloan Creek 3 | 4732          | 13090.6       | 525.2    | 6.4            | 716.12         |
| Sloan Creek 3 | 4556          | 13090.6       | 524.93   | 3.37           | 773.05         |
| Sloan Creek 3 | 4378          | 13090.6       | 524.75   | 3.43           | 811.28         |
| Sloan Creek 3 | 4270          | 13090.6       | 524.61   | 3.58           | 820.37         |
| Sloan Creek 3 | 4129          | 13090.6       | 524.43   | 3.5            | 834.79         |
| Sloan Creek 3 | 3954          | 13090.6       | 524.2    | 3.66           | 790.51         |
| Sloan Creek 3 | 3761          | 13090.6       | 524.04   | 3.03           | 923.16         |
| Sloan Creek 3 | 3636          | 13090.6       | 523.98   | 2.7            | 952.95         |
| Sloan Creek 3 | 3358          | 13090.6       | 522.93   | 8.45           | 868.33         |
| Sloan Creek 3 | 3054          | 13090.6       | 522.93   | 2.38           | 1067.97        |
| Sloan Creek 3 | 2806          | 13090.6       | 522.85   | 1.73           | 1097.84        |
| Sloan Creek 3 | 2471          | 13090.6       | 522.65   | 3.24           | 1305.67        |
| Sloan Creek 3 | 2160          | 13090.6       | 522.08   | 7.4            | 1249.35        |
| Sloan Creek 3 | 2034          | 13090.6       | 521.11   | 6.04           | 1157.88        |
| Sloan Creek 3 | 1578          | 13090.6       | 520.41   | 2.72           | 809.33         |
| Sloan Creek 3 | 1305          | 13090.6       | 519.38   | 7.22           | 712.54         |
| Sloan Creek 3 | 860           | 14019.2       | 518.18   | 5.83           | 1541.94        |
| Sloan Creek 3 | 528           | 14019.2       | 517.76   | 1.91           | 1391.3         |
| Sloan Creek 3 | 93            | 14019.2       | 516.81   | 5.25           | 1059.43        |

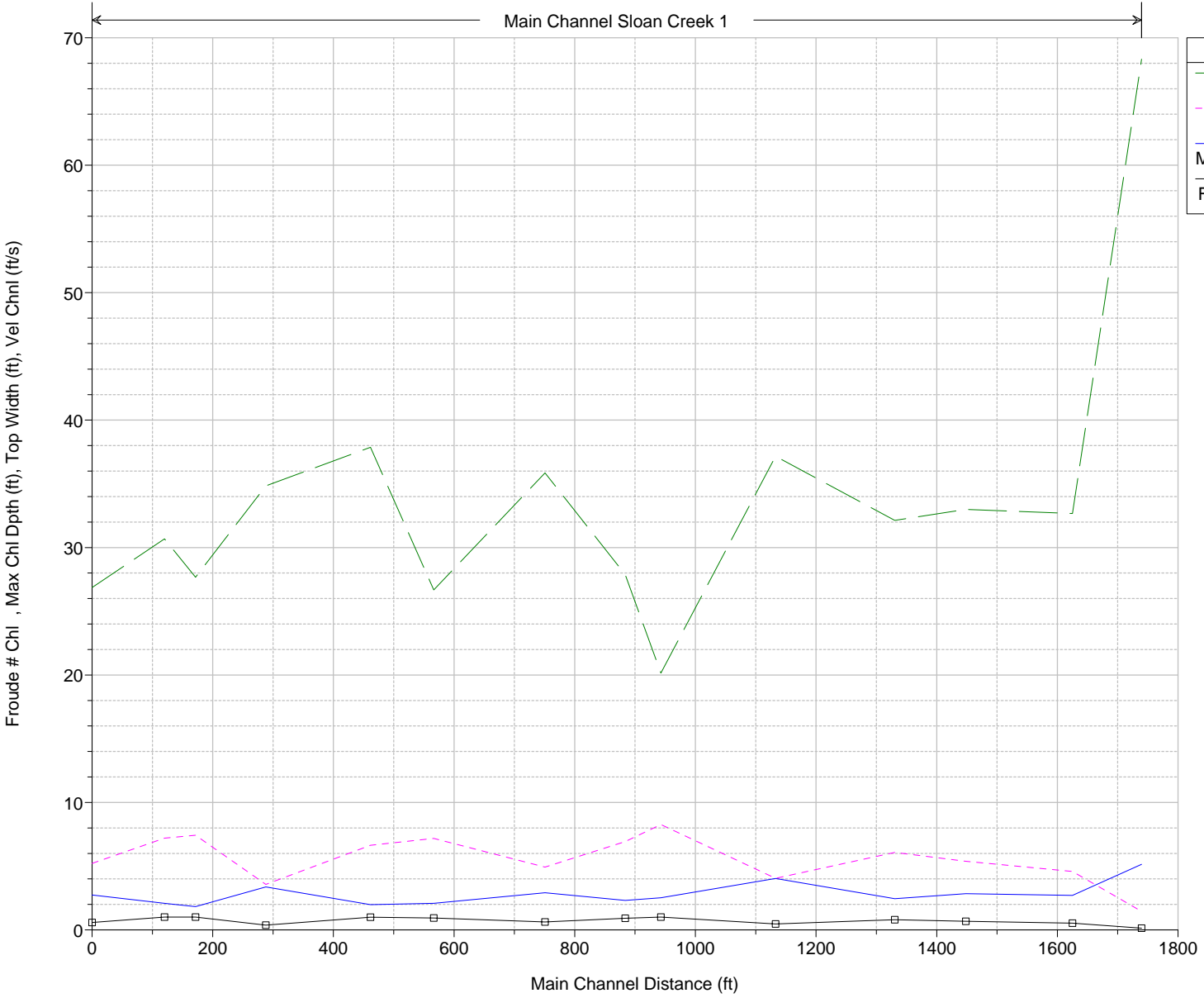
In general, Sloan Creek and its tributaries within the CPDD are defined as being deeply incised streams that have capacity to convey all or most of the 100-year discharge within the main channel. The stream is incised within a Wacky shale formation that is highly susceptible to erosion when exposed to repetitive wet/dry cycles. Once weathered by sufficient wet/dry cycles, the allowable shear stress of the Wacky shale is then reduced to being significantly less than the shear stress created by the deeply incised hydraulic characteristics of the stream. Observations from a current landowner of a portion of the stream indicate that the stream may have widened in some locations by as much as 5-10 feet in the last five years.

The photo log provided in Appendix B provides ample graphic evidence of recent stream channel widening within the creek. There are signs of channel degradation present within the stream, but the channel degradation activity appears to be more moderate than the on-going channel widening.

Understanding the hydraulic characteristics of a stream and how those characteristics may change along the length of a stream and its tributaries is important to understanding the geomorphic tendencies of the stream. This in turn provides a foundational understanding necessary to select viable stream restoration and erosion control alternatives for a stream. The following series of graphs plot several key hydraulic parameters along each stream. The plots are developed for each major stream reach as designated on the Topographic Workmap. Plots are provided for both the 50% AEP and 1% AEP events. Supporting data for these plots is provided in Appendix C.

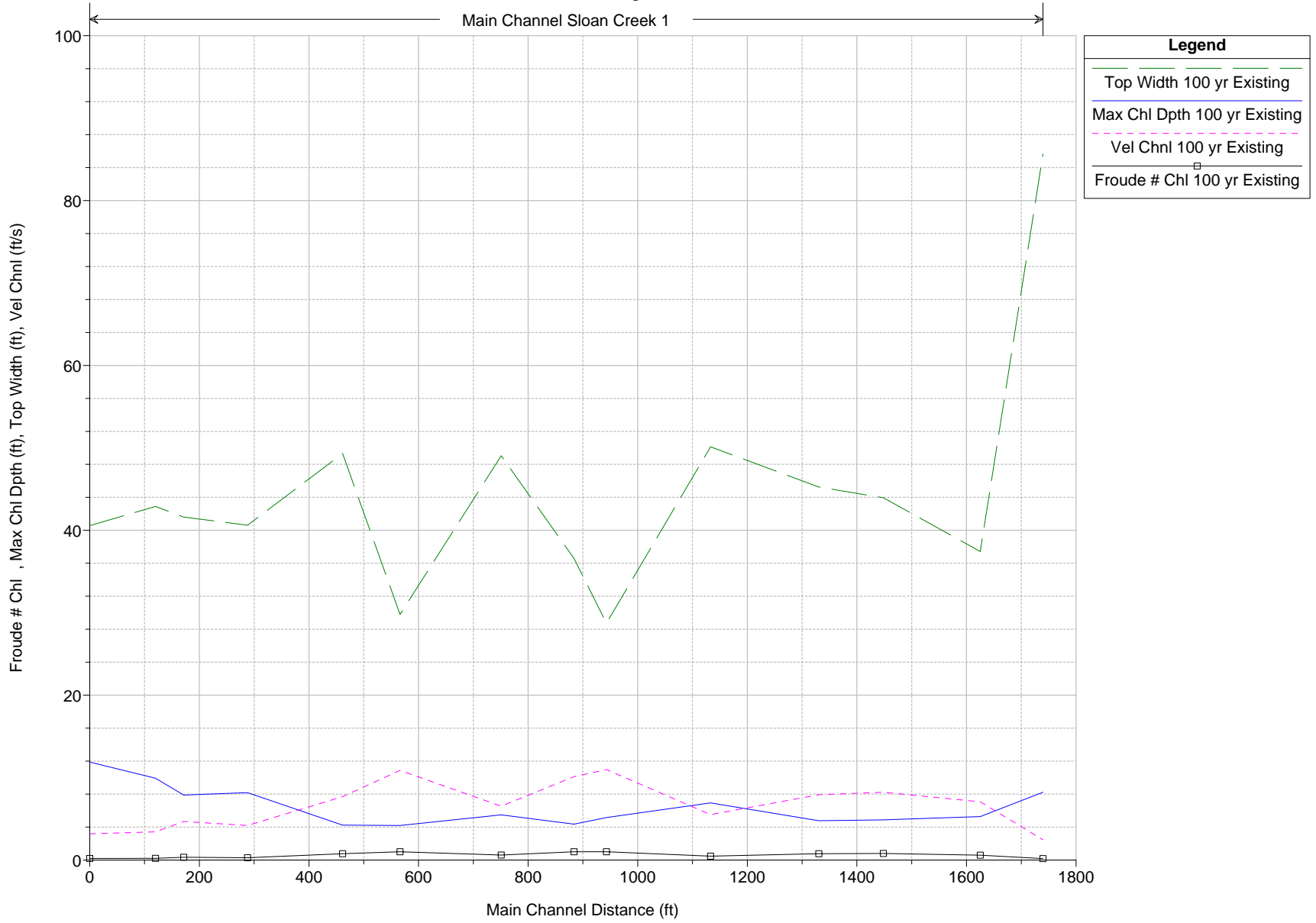
Sloan Creek Plan: Existing Conditions 2 yr 8/23/2016

Main Channel Sloan Creek 1



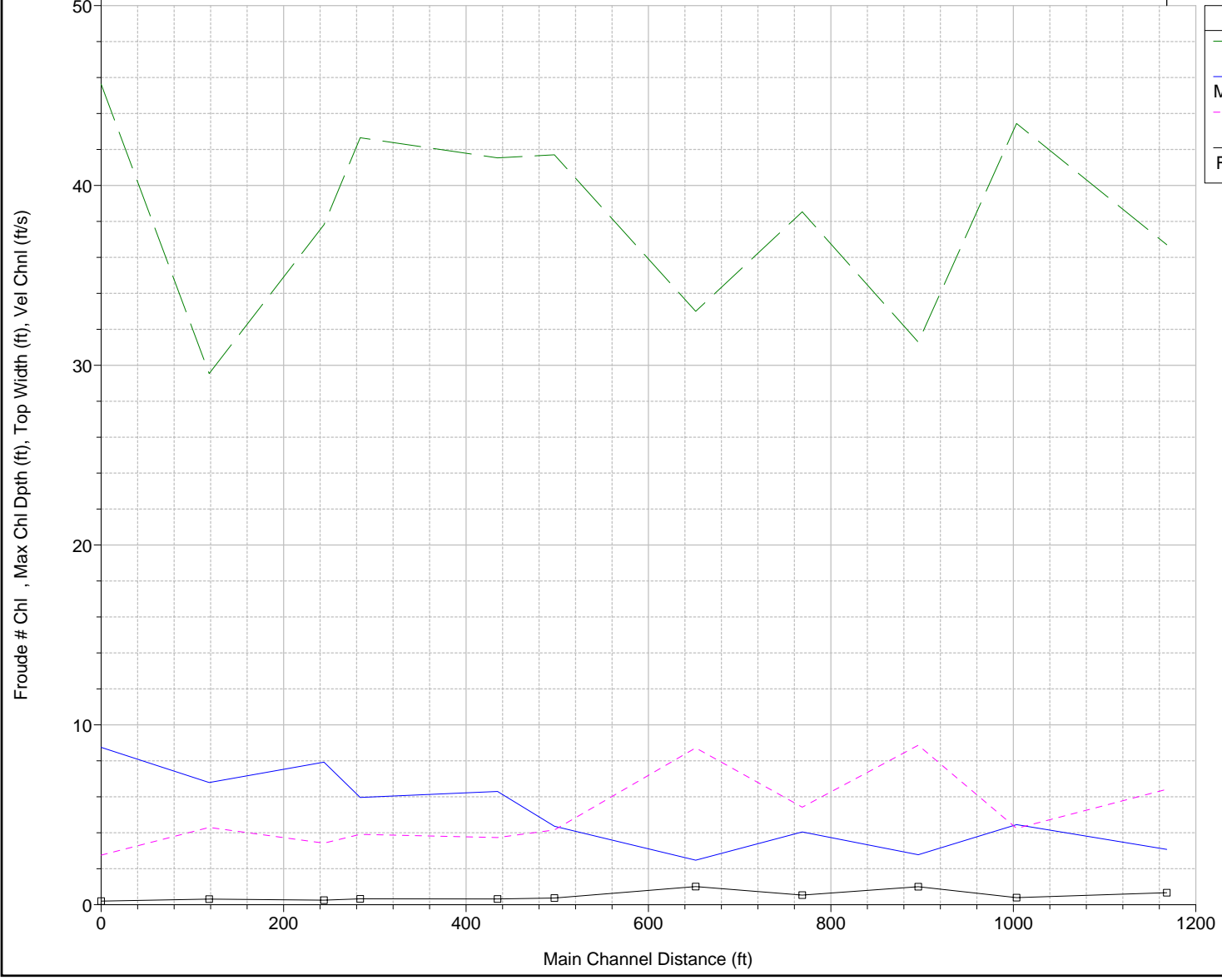
Sloan Creek Plan: Existing Conditions 100 Year 8/23/2016

Main Channel Sloan Creek 1



Sloan Creek Plan: Existing Conditions 2 yr 8/23/2016

Main Channel Sloan Creek 2

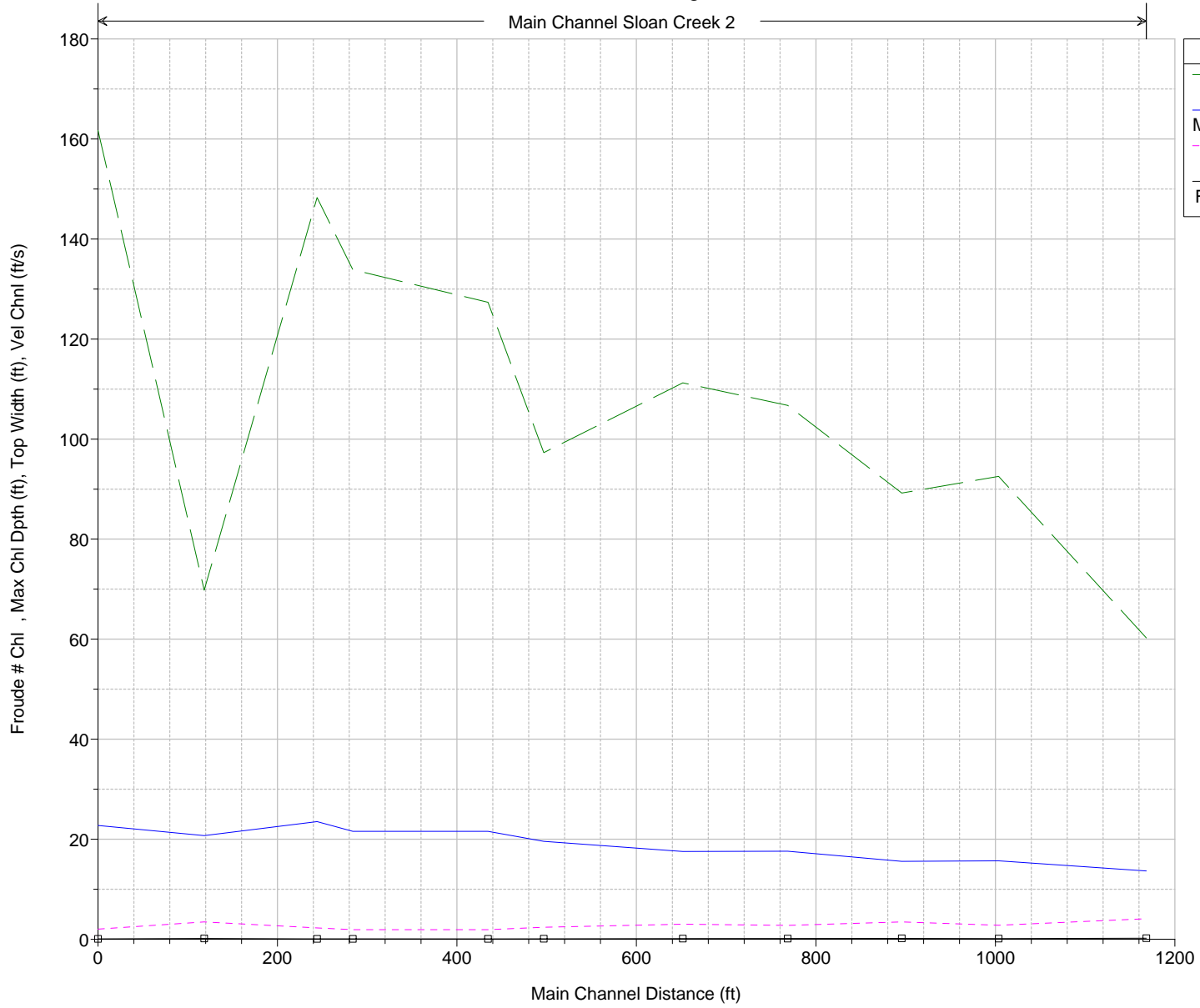


**Legend**

- Top Width 2 yr Existing
- Max Chl Dpth 2 yr Existing
- Vel Chnl 2 yr Existing
- Froude # Chl 2 yr Existing

Sloan Creek Plan: Existing Conditions 100 Year 8/23/2016

Main Channel Sloan Creek 2

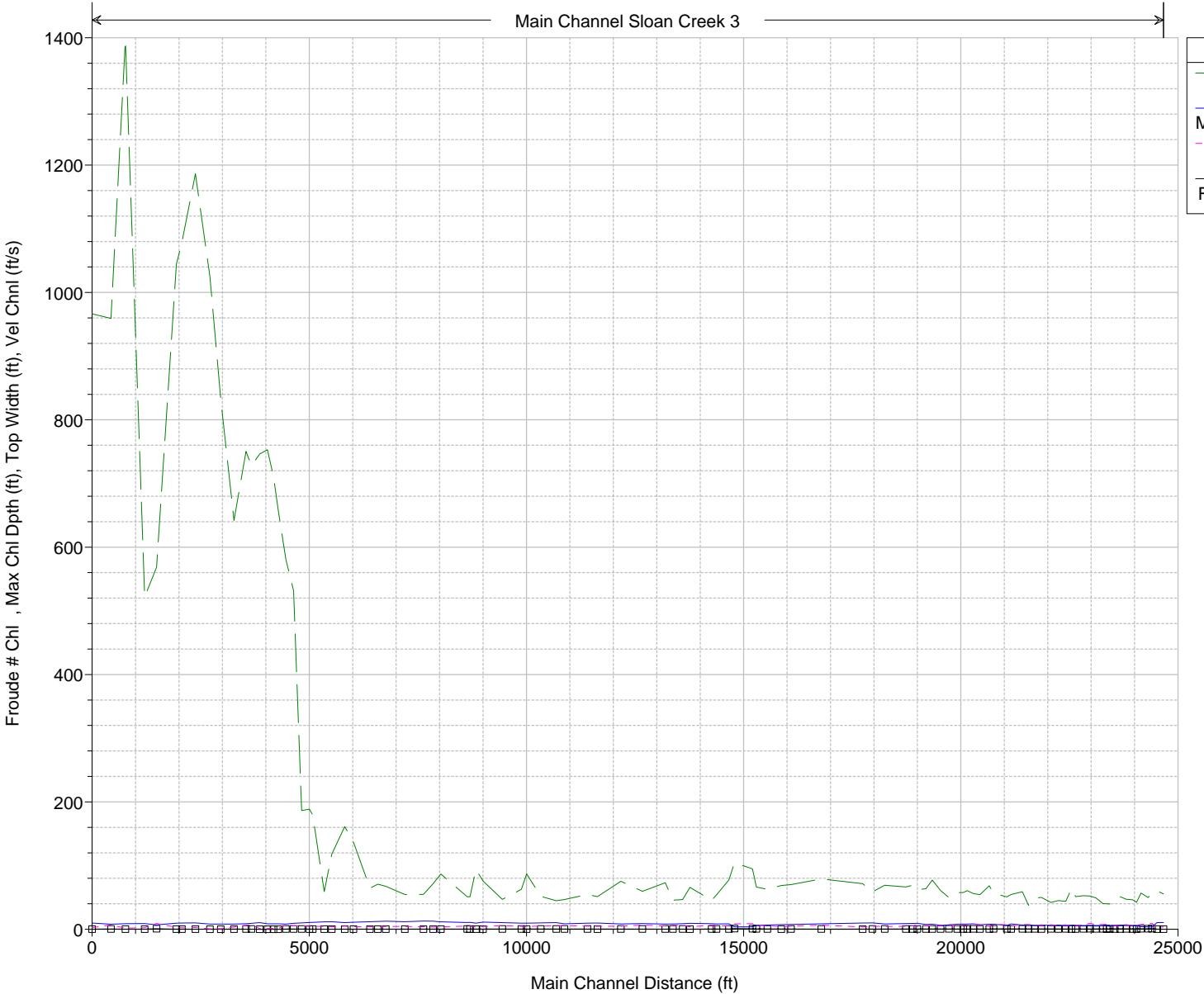


**Legend**

- Top Width 100 yr Existing
- Max Chl Dpth 100 yr Existing
- Vel Chnl 100 yr Existing
- Froude # Chl 100 yr Existing

Sloan Creek Plan: Existing Conditions 2 yr 8/23/2016

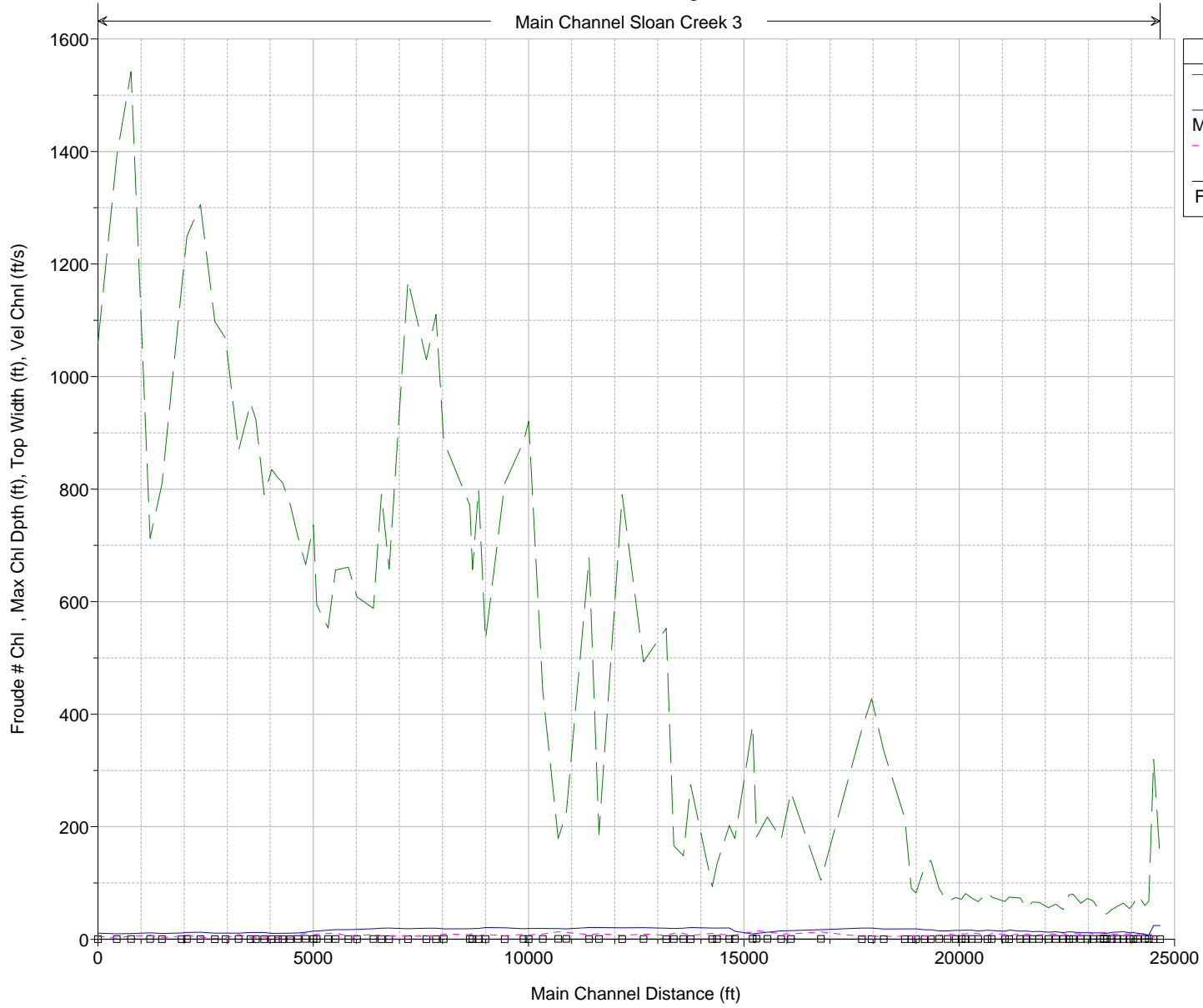
Main Channel Sloan Creek 3



| Legend |                            |
|--------|----------------------------|
| —      | Top Width 2 yr Existing    |
| —      | Max Chl Dpth 2 yr Existing |
| —      | Vel Chnl 2 yr Existing     |
| —      | Froude # Chl 2 yr Existing |

Sloan Creek Plan: Existing Conditions 100 Year 8/23/2016

Main Channel Sloan Creek 3

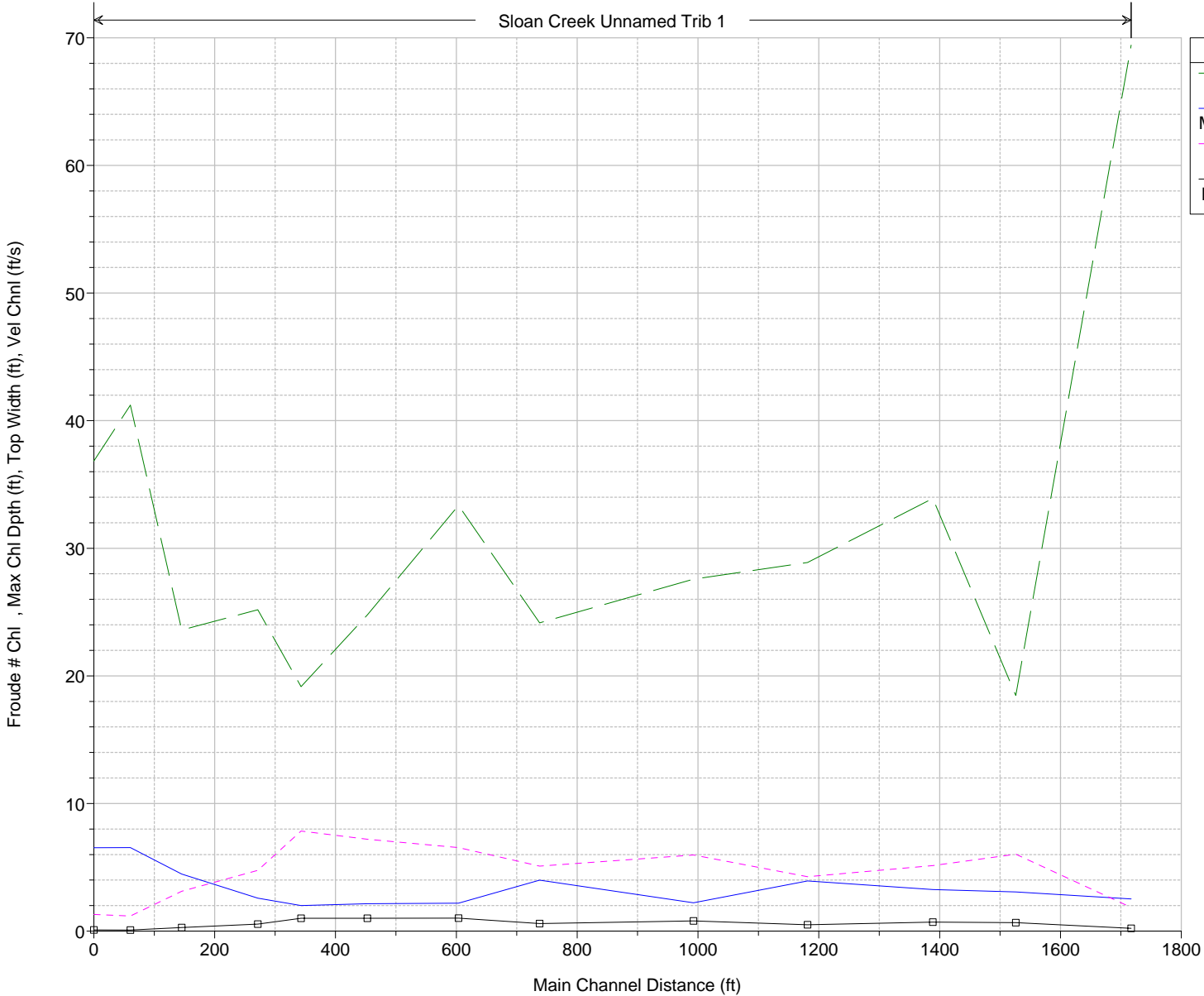


| Legend |                              |
|--------|------------------------------|
| —      | Top Width 100 yr Existing    |
| —      | Max Chl Dpth 100 yr Existing |
| —      | Vel Chnl 100 yr Existing     |
| —      | Froude # Chl 100 yr Existing |



Sloan Creek Plan: Existing Conditions 2 yr 8/23/2016

Sloan Creek Unnamed Trib 1

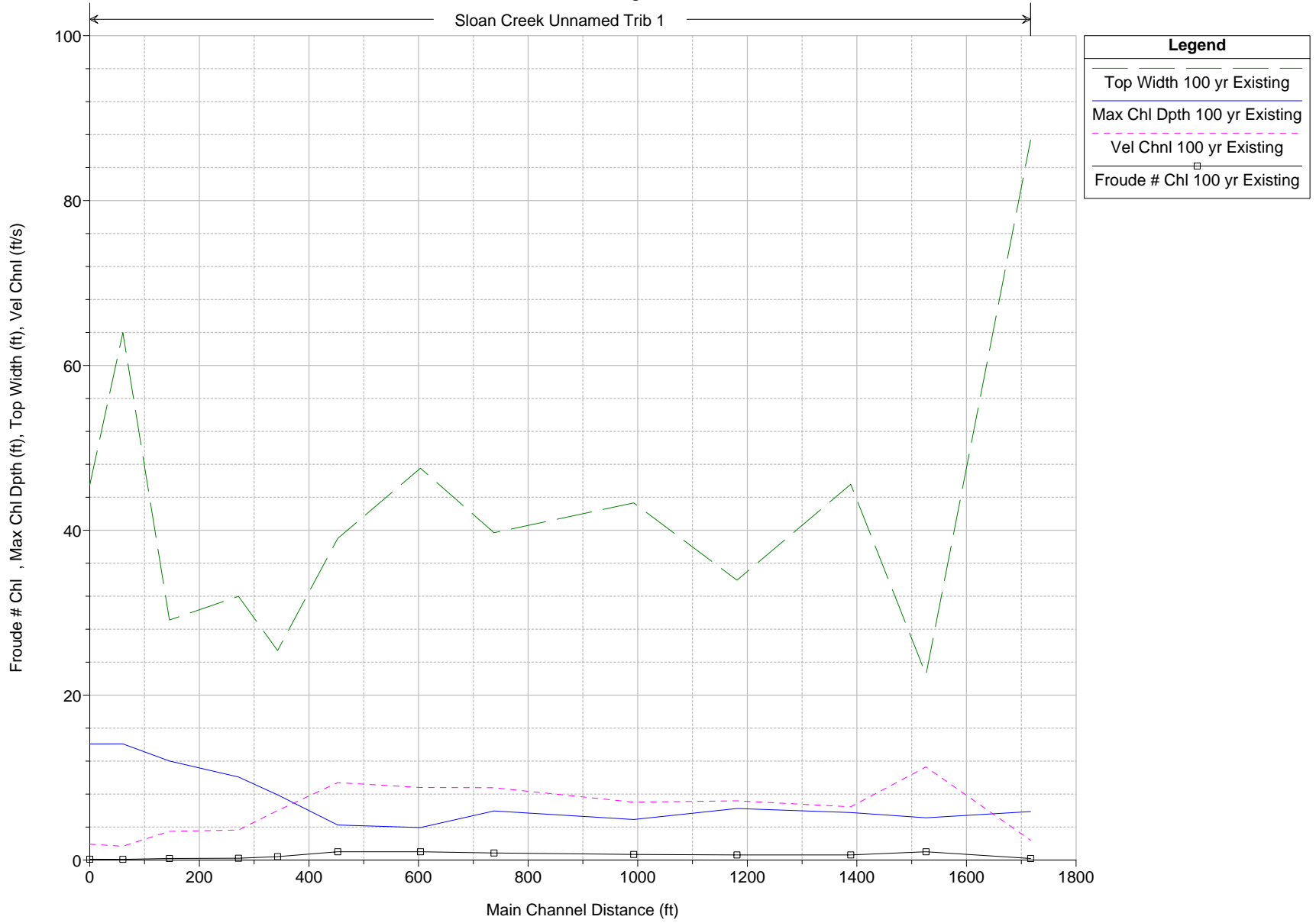


**Legend**

- Top Width 2 yr Existing
- Max Chl Dpth 2 yr Existing
- Vel Chnl 2 yr Existing
- Froude # Chl 2 yr Existing

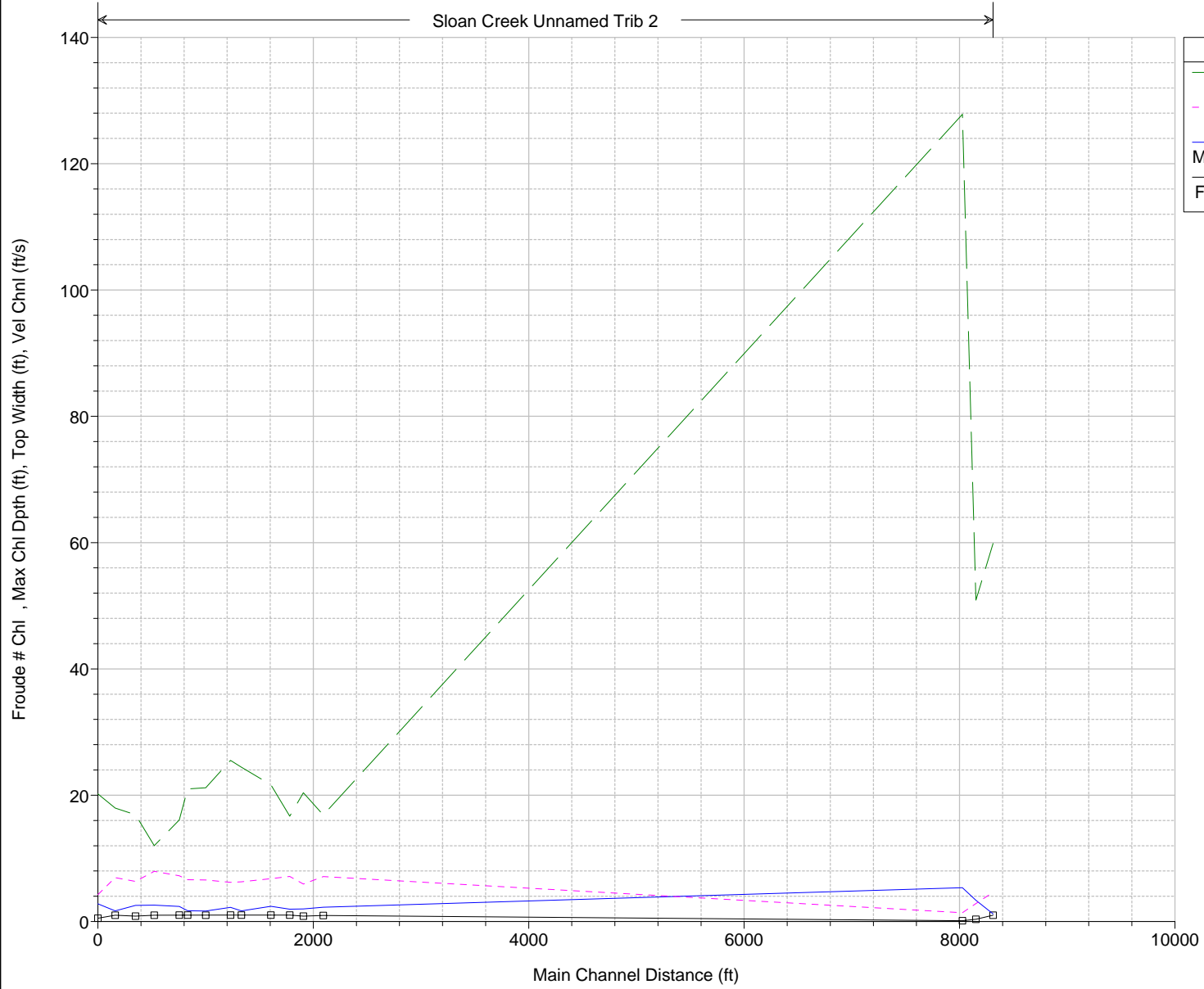
Sloan Creek Plan: Existing Conditions 100 Year 8/23/2016

Sloan Creek Unnamed Trib 1



Sloan Creek Plan: Existing Conditions 2 yr 8/23/2016

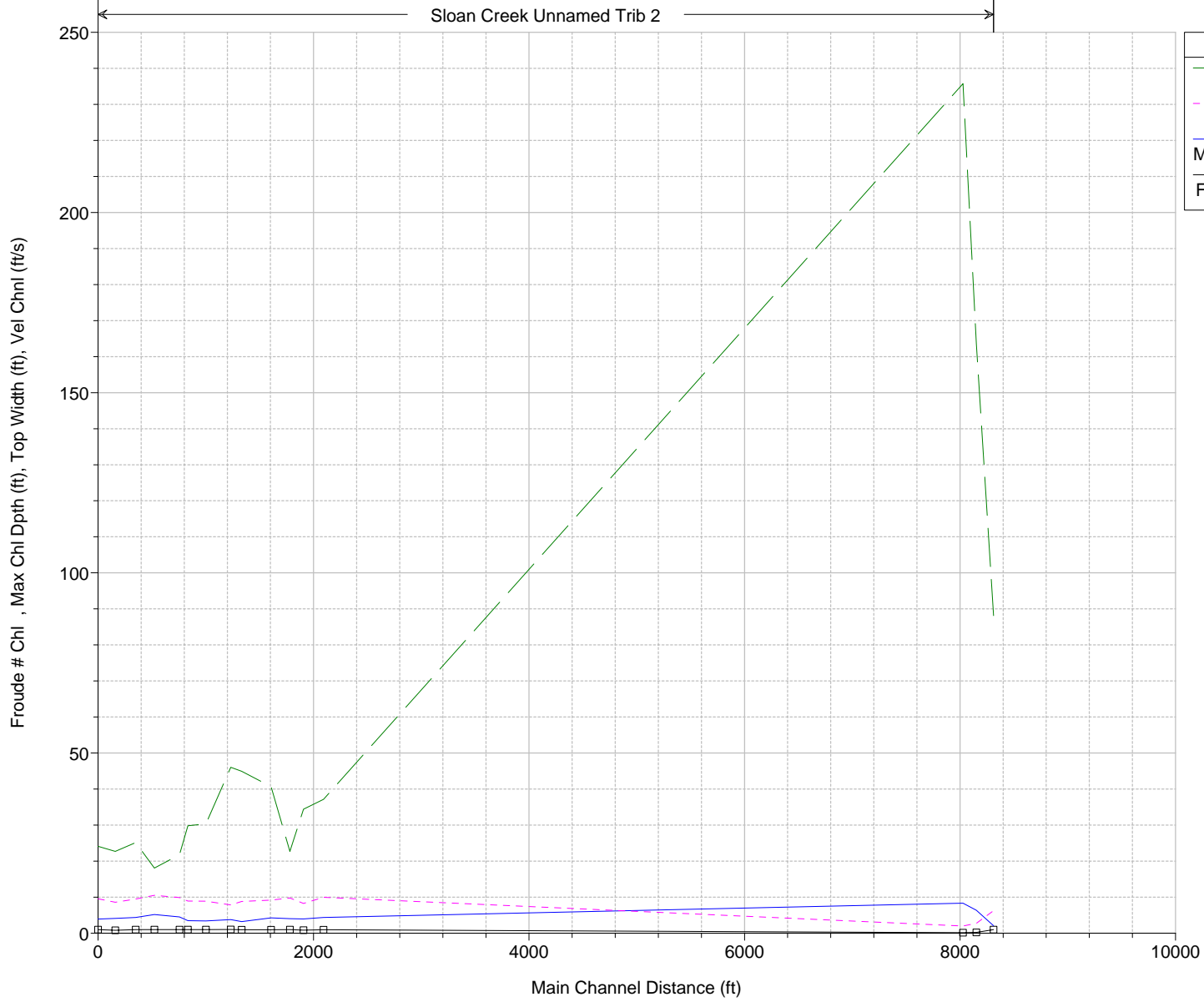
Sloan Creek Unnamed Trib 2



| Legend |                            |
|--------|----------------------------|
| —      | Top Width 2 yr Existing    |
| - - -  | Vel Chnl 2 yr Existing     |
| —      | Max Chl Dpth 2 yr Existing |
| □      | Froude # Chl 2 yr Existing |

Sloan Creek Plan: Existing Conditions 100 Year 8/23/2016

Sloan Creek Unnamed Trib 2

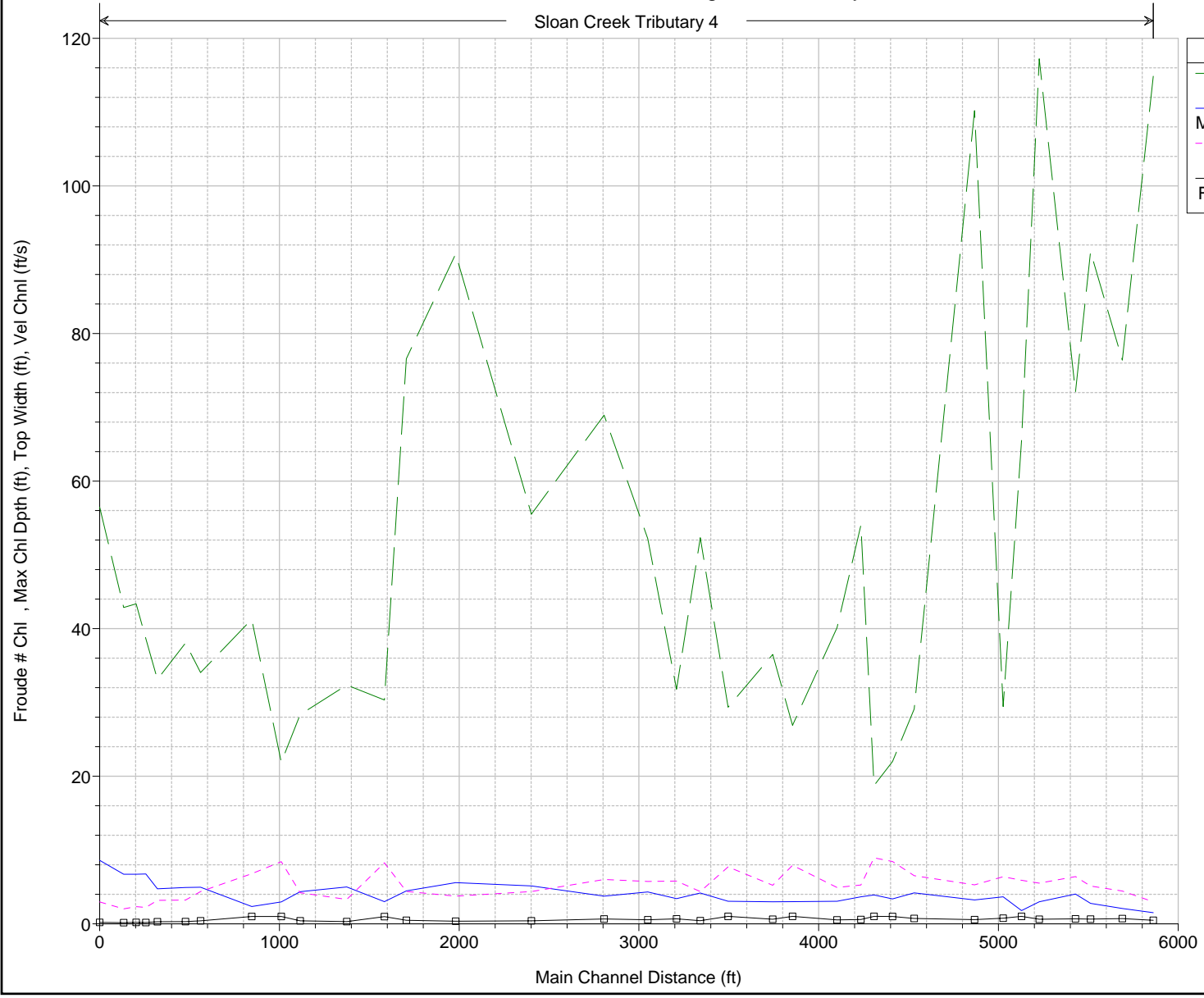


**Legend**

- Top Width 100 yr Existing
- Vel Chnl 100 yr Existing
- Max Chl Dpth 100 yr Existing
- Froude # Chl 100 yr Existing

Sloan Creek Plan: Existing Conditions 2 yr 8/23/2016

Sloan Creek Tributary 4

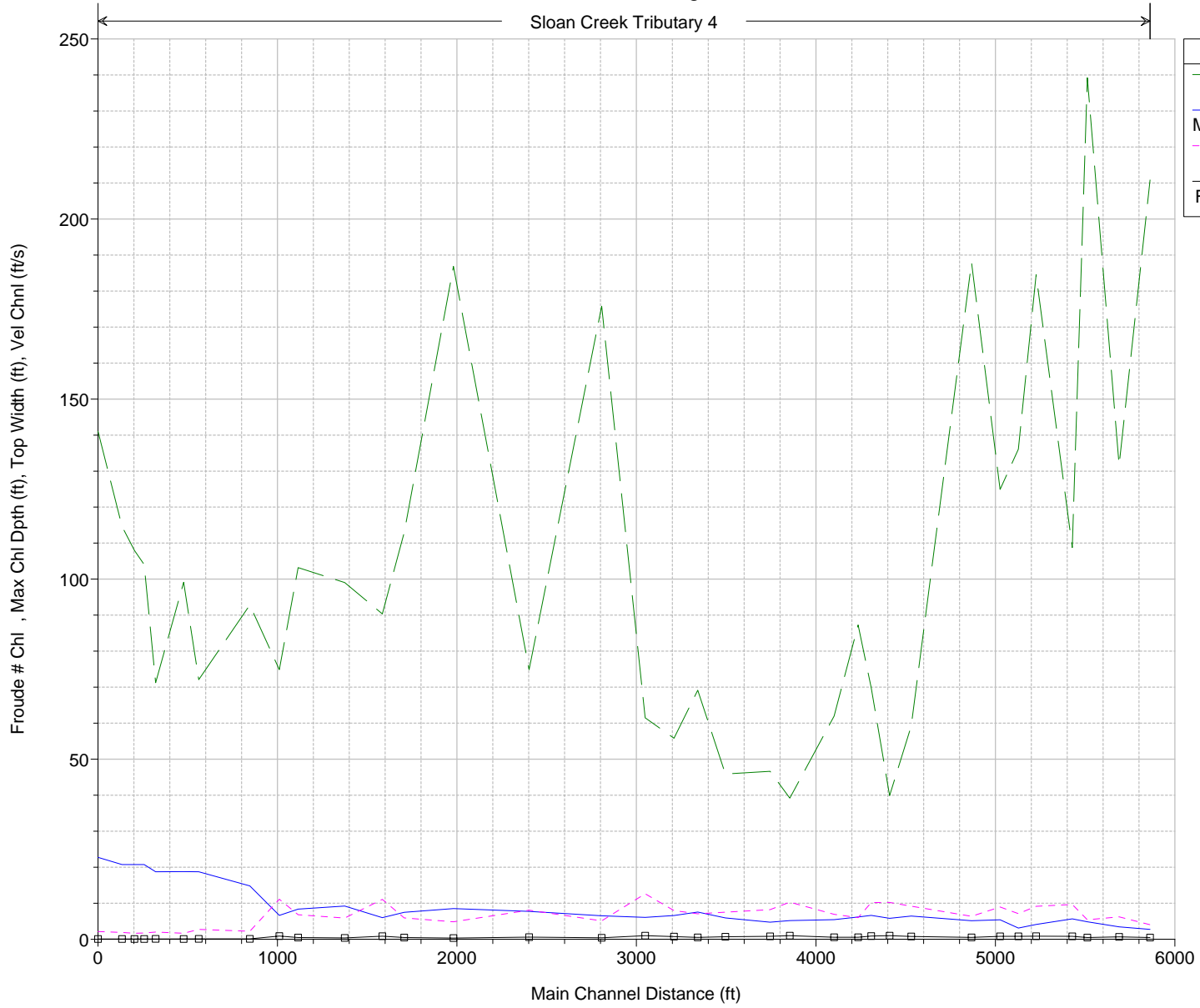


**Legend**

- Top Width 2 yr Existing
- Max Chl Dpth 2 yr Existing
- Vel Chnl 2 yr Existing
- Froude # Chl 2 yr Existing

Sloan Creek Plan: Existing Conditions 100 Year 8/23/2016

Sloan Creek Tributary 4



| Legend |                              |
|--------|------------------------------|
| —      | Top Width 100 yr Existing    |
| —      | Max Chl Dpth 100 yr Existing |
| —      | Vel Chnl 100 yr Existing     |
| □      | Froude # Chl 100 yr Existing |

Key observations from the plots above include:

- The streams are deeply incised with main channel depths for the 1% AEP event generally greater than 12-15 feet for the main Sloan Creek channel reaches.
- Tracking topwidth to depth ratios indicates the streams generally contain ratios in the range of 5 to 10, with some reaches greater than 10. Stable channels of this size generally have a topwidth to depth ratio greater than 8.
- Average channel velocities within each reach are not considered excessive, though some specific cross-section do have high velocities.

Each of the observations tend to indicate that although the channel is deeply incised, erosive conditions would not be expected to be considered severe if it were not for the chemical / physical response to the wet/dry cycle impact on the streams.

## 6.0 Developed Hydrology

Anticipated land use for the CPDD was based upon review of the current CPDD land plan and the form based code. Review of the form based code indicates that for the urban village land use designations, the average percent imperviousness is expected to be in the range of 84%, which is a significant increase relative to existing conditions. A pre-detention proposed condition drainage basin boundary map is provided in Appendix D. The assumed proposed condition drainage boundaries may undergo revision as the CPDD develops, but the general results and conclusions are not expected to be significantly altered. Refer to Table 1 for the soils / land use used for developing weighted curve numbers for each subbasin.

Lag time estimates were revised to reflect fully developed conditions to account for generally shorter basin response times that are associated with dense developed conditions. Supporting time of concentration calculations that differ from existing values are provided in Appendix D. Table 6 provides the fully developed condition drainage area, curve number estimate, and lag time estimate for each proposed condition basin.

**Table 6: Fully Developed Curve Numbers**

| Subbasin | Area (acre) | CN    | Lag (min) |
|----------|-------------|-------|-----------|
| 6        | 153.05      | 92.10 | 8.31      |
| 7        | 92.84       | 92.67 | 5.95      |
| 8        | 151.13      | 90.69 | 6.70      |
| 9        | 24.38       | 94.40 | 4.82      |
| 10       | 15.64       | 85.37 | 5.48      |
| 11       | 32.8        | 93.25 | 3.54      |
| 12       | 65.85       | 83.40 | 11.50     |
| 13       | 19.05       | 93.85 | 2.60      |
| 14       | 81.61       | 83.83 | 12.04     |
| 15       | 215.07      | 93.18 | 9.00      |
| 16       | 41.14       | 80.16 | 26.20     |
| 17       | 220.93      | 84.45 | 35.69     |

Resulting discharges for various junction points of interest within the model are provided below in Table 7. The drainage area map provided in Appendix A displays the locations of the junctions. Table 8 provides a comparison of existing versus fully developed 2-YR, 10-YR, 50-YR, 100-YR, and 500-YR discharges at each junction point of interest. This table represents the potential impact that the CPDD could have relative to existing conditions without the implementation of the master plan improvements. A sensitivity analysis was prepared to address a fully developed condition upstream of the CPDD within the City of McKinney and City of Allen portions of the Sloan Creek drainage basin. Both cities were contacted and indicated that detention would be required for any development that occurs within the portions of the Sloan Creek basin in accordance with their current design criteria. A sensitivity hydrologic model was developed to account for potential development of upstream offsite areas, and detention was modeled to account for upstream City guidelines. The resulting outflow hydrograph from upstream properties was found to not significantly differ in timing or shape enough to alter design hydrographs within the CPDD. Therefore, further modeling of the CPDD



Master Plan elements was performed utilizing existing condition discharges from upstream off-site areas.

**Table 7: Fully-Developed Discharges**

| Junction | 2 yr (cfs) | 10 yr (cfs) | 50 yr (cfs) | 100 yr (cfs) | 500 yr (cfs) |
|----------|------------|-------------|-------------|--------------|--------------|
| J1       | 392.90     | 668.5       | 985.7       | 1174.6       | 1673.9       |
| J2       | 311.10     | 561.9       | 840.5       | 1006.6       | 1445.9       |
| J3       | 84.30      | 148.8       | 224.8       | 270.2        | 390.3        |
| J4       | 184.80     | 319.4       | 477.9       | 572.3        | 822          |
| J5       | 54.60      | 81.6        | 117.7       | 139.2        | 196.1        |
| J6       | 366.40     | 485.5       | 695.7       | 820.9        | 1152.9       |
| J7       | 716.5      | 1279.8      | 1903.4      | 2275.4       | 3260.1       |
| J8       | 795.00     | 1439.4      | 2140.7      | 2560.0       | 3672.6       |
| J9       | 69.40      | 80.2        | 113.7       | 133.7        | 186.9        |
| J10      | 396.00     | 528.7       | 706.6       | 898.7        | 1264.8       |
| J11      | 112.20     | 187.3       | 277.3       | 331.8        | 477.7        |
| J12A     | 873.20     | 1357.6      | 1983.7      | 2352.0       | 3352.7       |
| J12B     | 1677.00    | 2838.6      | 4191.8      | 5002.4       | 7147.5       |
| J13      | 193.50     | 345.0       | 513.7       | 614.2        | 879.8        |
| J14A     | 671.20     | 1011.0      | 1470.3      | 1743.9       | 2438.9       |
| J14B     | 794.80     | 1181.4      | 1720.6      | 2037.4       | 2900         |
| J15      | 547.50     | 750.8       | 1072.6      | 1264.5       | 1773.6       |
| J16      | 2185.50    | 3689.9      | 5454.0      | 6516.2       | 9311.2       |
| J17      | 1705.60    | 2884.3      | 4257.1      | 5081.3       | 7256.1       |

**Table 8: Existing vs. Fully Developed Discharge Difference Comparison**

| Junction | 2 yr (cfs) | 10 yr (cfs) | 50 yr (cfs) | 100 yr (cfs) | 500 yr (cfs) |
|----------|------------|-------------|-------------|--------------|--------------|
| J1       | 43.6       | 0.0         | 0.0         | 0.0          | 0.0          |
| J2       | 27.5       | 0.8         | 1.2         | 1.5          | 2.0          |
| J3       | 11.0       | 0.0         | 0.0         | 0.0          | 0.0          |
| J4       | 26.1       | 2.8         | 2.9         | 2.9          | 3.0          |
| J5       | 9.5        | 0.0         | 0.0         | 0.0          | 0.0          |
| J6       | 180.6      | 119.3       | 149.1       | 166.9        | 214.9        |
| J7       | 43.9       | -42         | -68.3       | -83.7        | -114.5       |
| J8       | 34.0       | -55.5       | -88.7       | 61.3         | -149.1       |
| J9       | 14.7       | -26.3       | -44.4       | -55.1        | -83.1        |
| J11      | 8.3        | -21.7       | -37.3       | -45.8        | -66.6        |
| J12A     | 213.0      | 76.3        | 116.8       | 100.1        | 146.4        |
| J12B     | 251.2      | 18.8        | -21.8       | 211.8        | -112.2       |
| J13      | 33.8       | 15.7        | 13.3        | 11.7         | 6.5          |

| Junction    | 2 yr (cfs) | 10 yr (cfs) | 50 yr (cfs) | 100 yr (cfs) | 500 yr (cfs) |
|-------------|------------|-------------|-------------|--------------|--------------|
| <b>J14A</b> | 168.1      | 61.3        | 67.6        | 71.2         | 93.3         |
| <b>J14B</b> | 216.8      | 75.1        | 124.2       | 111.6        | 164.1        |
| <b>J15</b>  | 137.2      | 18.1        | 20.6        | 22.0         | 21.5         |
| <b>J16</b>  | 394.9      | 177.4       | 160.1       | 423.1        | 86.2         |
| <b>J17</b>  | 277.6      | 38.1        | 2.9         | 244.6        | -83.5        |

## 7.0 Master Plan Development

Development of a Master Plan of Drainage for the CPDD began with assessing the differences in discharges as well as timing of discharges for the points of comparison in Table 8. The Master Plan was also shaped by the geomorphic assessment of the streams. Table 9 provides the proposed condition drainage area, curve number estimate, and lag time estimate for each proposed condition basin. A proposed condition drainage area map is provided in Appendix E. Natural drainage patterns within the CPDD were maintained allowing for the use of the existing drainage structures along the existing DART railroad and State Highway 5, and to minimize drainage infrastructure construction costs.

**Table 9: Proposed Curve Numbers**

| Subbasin | Area (acre) | CN    | Lag (min) |
|----------|-------------|-------|-----------|
| 6        | 153.05      | 92.10 | 8.31      |
| 7        | 140.23      | 91.80 | 5.95      |
| 8A       | 68.29       | 90.90 | 6.70      |
| 8B       | 35.00       | 90.90 | 6.90      |
| 9        | 24.38       | 94.40 | 4.82      |
| 10       | 15.64       | 85.37 | 5.48      |
| 11A      | 22.27       | 93.25 | 3.54      |
| 11B      | 10.43       | 93.25 | 3.54      |
| 12       | 65.85       | 83.40 | 11.50     |
| 13       | 19.05       | 93.85 | 2.60      |
| 14       | 81.61       | 83.83 | 12.04     |
| 15       | 215.07      | 93.18 | 9.00      |
| 16       | 41.14       | 80.16 | 26.20     |
| 17       | 220.93      | 84.45 | 35.69     |

Alternatives were examined for placement of regional detention facilities as needed to prevent an increase in the 100-year discharge downstream of the CPDD. On-channel versus off-channel detention, assessment of detaining some tributaries while letting other tributaries release un-detained, and a combination of these approaches were all examined. Interaction of the detention facilities with the open space plan and with the current CPDD Framework Plan, including proposed location of Fairview Parkway, was also considered. The proposed Master Plan Detention Layout is provided in Appendix E. The regional facilities have been strategically placed to provide protection for Sloan Creek and for each Sloan Creek tributary. In addition to protecting against adverse impacts to the 1% AEP floodplain, the facilities are also designed to prevent adverse impact to the 50% AEP discharge relative to existing conditions. Protection at the lower design storm event is important in order to protect the streams against erosion that could otherwise occur as a result of the increased impervious area that will be associated with the CPDD. The detention facilities have a modest effect on total peak discharge at the outlet of each facility, but they have a significant effect on the timing of the peak discharges by delaying the time to peak relative to existing conditions. Since the CPDD lies generally in the upper reaches of the Sloan Creek Watershed, delaying the peak discharges released from the CPDD tends to significantly impact the peak discharges downstream of the CPDD.

One of the main considerations in selection of a detention concept for Sloan Creek and the tributary that exists upstream of the existing railroad facility (Tributary 1), was the decision to prevent further stream erosion within these reaches by keeping the reaches submerged. The goal of keeping the lower portions of currently eroded stream submerged is accomplished through the use of a large wet pool within the stream and by installing a series of small drop structures within the streams to keep additional length of stream submerged. This approach is discussed more fully in the Stream Restoration and Protection Plan section of this report.

Conceptual grading has also been prepared for each of the proposed detention facilities. Conceptual grading and typical sections of each facility are provided in Appendix E. Table 10 presents a comparison of existing condition versus proposed condition discharges for the 2-YR, 10-YR, 50-YR, 100-YR, and 500-YR discharges. Table 11 provides a comparison of existing versus proposed condition water surface elevations for the 1% AEP and 50% AEP discharges.

**Table 10: Pre- and Post-Detention Discharge Comparison**

| Junction   | 2 yr (cfs) | 10 yr (cfs) | 50 yr (cfs) | 100 yr (cfs) | 500 yr (cfs) |
|------------|------------|-------------|-------------|--------------|--------------|
| J1         | 0.0        | 0.0         | 0.0         | 0.0          | 0.0          |
| J2         | 0.4        | 0.8         | 1.5         | 1.5          | 2.0          |
| J3         | 0.0        | 0.0         | 0.0         | 0.0          | 0.0          |
| J4         | 0.2        | 0.5         | 0.8         | 0.8          | 1.1          |
| J5         | 0.0        | 0.0         | 0.0         | 0.0          | 0.0          |
| Pond 1/J6  | -133.4     | -136.9      | -72.7       | -56.8        | -49.3        |
| Pond 2/J7  | -20.1      | -54.4       | -92.1       | -113.7       | -171.2       |
| J8         | -83.2      | -133.9      | -197.2      | -67.0        | -370.3       |
| J9         | -8.4       | -26.3       | -44.4       | -55.1        | -83.1        |
| J11        | -20.6      | -37.9       | -55.9       | -66.6        | -95.9        |
| J12A       | -33.0      | -45.7       | -71.2       | -102.6       | -153.9       |
| J12B       | -166.0     | -201.7      | -296.3      | -119.8       | -591.1       |
| Pond 5/J13 | -0.5       | -10.8       | -20.4       | -29.0        | -52.6        |
| J14A       | -0.2       | -11.1       | -32.7       | -48.3        | -78.5        |
| J14B       | -1.9       | -1.0        | -12.0       | -32.3        | -52.8        |
| J15        | 14.2       | 18.0        | 20.5        | 21.8         | 21.2         |
| J16        | -262.0     | -287.1      | -305        | -85.7        | -571.4       |
| J17        | -170.0     | -221.7      | -323.5      | -149.7       | -652.2       |

**Table 11: Pre- vs. Post-Detention WSE Difference Comparison**

| Reach         | Station | Change in WSE<br>2 yr (ft) | Change in WSE<br>100 yr (ft) |
|---------------|---------|----------------------------|------------------------------|
| Trib 1        | 1730    | 0.29                       | 0.32                         |
| Trib 1        | 1585    | 0.6                        | 0.63                         |
| Trib 1        | 1481    | 1.88                       | 1.5                          |
| Trib 1        | 1284    | 2.08                       | 2.41                         |
| Trib 1        | 1150    | 1.77                       | 1.98                         |
| Trib 1        | 905     | 1.59                       | 4.53                         |
| Sloan Creek 2 | 23059   | 0.02                       | -0.98                        |

| Reach         | Station | Change in WSE<br>2 yr (ft) | Change in WSE<br>100 yr (ft) |
|---------------|---------|----------------------------|------------------------------|
| Sloan Creek 2 | 22895   | 0.03                       | -0.98                        |
| Sloan Creek 2 | 22787   | 0.02                       | -1.00                        |
| Sloan Creek 2 | 22660   | 0.02                       | -0.99                        |
| Sloan Creek 2 | 22543   | 0.02                       | -1.00                        |
| Sloan Creek 2 | 22388   | -0.64                      | -0.99                        |
| Sloan Creek 2 | 22326   | -0.7                       | -1.00                        |
| Sloan Creek 2 | 22175   | -0.79                      | -1.00                        |
| Sloan Creek 2 | 22135   | -0.79                      | -1.00                        |
| Sloan Creek 2 | 22009   | -0.83                      | -0.73                        |
| Sloan Creek 2 | 21891   | -0.85                      | -0.73                        |
| Sloan Creek 1 | 24980   | 0.11                       | -0.05                        |
| Sloan Creek 1 | 24866   | 0.17                       | -0.11                        |
| Sloan Creek 1 | 24689   | -0.39                      | 0.31                         |
| Sloan Creek 1 | 24571   | 2.06                       | 2.51                         |
| Sloan Creek 1 | 24374   | 2.16                       | 2.09                         |
| Sloan Creek 1 | 24125   | 3.39                       | 3.54                         |
| Sloan Creek 1 | 23992   | 4.34                       | 7.14                         |
| Sloan Creek 3 | 21695   | -0.87                      | -0.72                        |
| Sloan Creek 3 | 21542   | -0.88                      | -0.74                        |
| Sloan Creek 3 | 21430   | -0.22                      | -0.49                        |
| Sloan Creek 3 | 21339   | -0.21                      | -0.52                        |
| Sloan Creek 3 | 21177   | -0.41                      | -0.55                        |
| Sloan Creek 3 | 21073   | -0.39                      | -0.51                        |
| Sloan Creek 3 | 20985   | -0.38                      | -0.52                        |
| Sloan Creek 3 | 20838   | -0.39                      | -0.55                        |
| Sloan Creek 3 | 20696   | -0.39                      | -0.54                        |
| Sloan Creek 3 | 20571   | -0.4                       | -0.52                        |
| Sloan Creek 3 | 20456   | -0.35                      | -0.48                        |
| Sloan Creek 3 | 20385   | -0.35                      | -0.47                        |
| Sloan Creek 3 | 20302   | -0.33                      | -0.48                        |
| Sloan Creek 3 | 20138   | -0.38                      | -0.55                        |
| Sloan Creek 3 | 20002   | -0.31                      | -0.55                        |
| Sloan Creek 3 | 19852   | -0.4                       | -0.56                        |
| Sloan Creek 3 | 19671   | -0.39                      | -0.51                        |
| Sloan Creek 3 | 19578   | -0.42                      | -0.56                        |
| Sloan Creek 3 | 19442   | -0.4                       | -0.51                        |
| Sloan Creek 3 | 19272   | -0.4                       | -0.52                        |
| Sloan Creek 3 | 19102   | -0.38                      | -0.51                        |
| Sloan Creek 3 | 18882   | -0.41                      | -0.52                        |
| Sloan Creek 3 | 18729   | -0.48                      | -0.52                        |
| Sloan Creek 3 | 18586   | -0.47                      | -0.48                        |
| Sloan Creek 3 | 18446   | -0.56                      | -0.48                        |
| Sloan Creek 3 | 18188   | -0.57                      | -0.47                        |
| Sloan Creek 3 | 18087   | -0.63                      | -0.42                        |
| Sloan Creek 3 | 17782   | -0.62                      | -0.39                        |

| Reach         | Station | Change in WSE<br>2 yr (ft) | Change in WSE<br>100 yr (ft) |
|---------------|---------|----------------------------|------------------------------|
| Sloan Creek 3 | 17681   | -0.65                      | -0.41                        |
| Sloan Creek 3 | 17468   | -0.59                      | -0.36                        |
| Sloan Creek 3 | 17316   | -0.53                      | -0.34                        |
| Sloan Creek 3 | 17175   | -0.54                      | -0.35                        |
| Sloan Creek 3 | 17081   | -0.54                      | -0.33                        |
| Sloan Creek 3 | 16946   | -0.55                      | -0.33                        |
| Sloan Creek 3 | 16755   | -0.5                       | -0.28                        |
| Sloan Creek 3 | 16562   | -0.56                      | -0.3                         |
| Sloan Creek 3 | 16369   | -0.59                      | -0.31                        |
| Sloan Creek 3 | 16225   | -0.6                       | -0.31                        |
| Sloan Creek 3 | 16026   | -0.59                      | -0.3                         |
| Sloan Creek 3 | 15918   | -0.61                      | -0.29                        |
| Sloan Creek 3 | 15770   | -0.62                      | -0.29                        |
| Sloan Creek 3 | 15526   | -0.62                      | -0.29                        |
| Sloan Creek 3 | 15383   | -0.61                      | -0.28                        |
| Sloan Creek 3 | 15269   | -0.6                       | -0.28                        |
| Sloan Creek 3 | 15023   | -0.53                      | -0.23                        |
| Sloan Creek 3 | 14558   | -0.51                      | -0.21                        |
| Sloan Creek 3 | 14333   | -0.49                      | -0.2                         |
| Sloan Creek 3 | 14173   | -0.44                      | -0.13                        |
| Sloan Creek 3 | 14022   | -0.37                      | -0.15                        |
| Sloan Creek 3 | 13931   | -0.24                      | -0.27                        |
| Sloan Creek 3 | 13722   | -0.23                      | -0.25                        |
| Sloan Creek 3 | 13592   | -0.71                      | -0.25                        |
| Sloan Creek 3 | 13448   | -0.72                      | -0.22                        |
| Sloan Creek 3 | 13336   | -0.71                      | -0.19                        |
| Sloan Creek 3 | 13079   | -0.72                      | -0.2                         |
| Sloan Creek 3 | 12912   | -0.7                       | -0.15                        |
| Sloan Creek 3 | 12688   | -0.7                       | -0.14                        |
| Sloan Creek 3 | 12510   | -0.73                      | -0.17                        |
| Sloan Creek 3 | 12247   | -0.7                       | -0.12                        |
| Sloan Creek 3 | 12003   | -0.79                      | -0.15                        |
| Sloan Creek 3 | 11727   | -0.79                      | -0.1                         |
| Sloan Creek 3 | 11497   | -0.79                      | -0.13                        |
| Sloan Creek 3 | 9974    | -0.87                      | 0.45                         |
| Sloan Creek 3 | 9537    | -0.81                      | 0.59                         |
| Sloan Creek 3 | 9092    | -0.85                      | 1.24                         |
| Sloan Creek 3 | 8930    | -0.88                      | 1.32                         |
| Sloan Creek 3 | 8792    | -0.85                      | -0.74                        |
| Sloan Creek 3 | 8730    | -0.85                      | -0.05                        |
| Sloan Creek 3 | 8121    | -0.86                      | -0.05                        |
| Sloan Creek 3 | 7943    | -0.87                      | -0.05                        |
| Sloan Creek 3 | 7720    | -0.84                      | -0.05                        |
| Sloan Creek 3 | 7292    | -0.8                       | -0.07                        |
| Sloan Creek 3 | 6855    | -0.77                      | -0.07                        |

| Reach         | Station | Change in WSE<br>2 yr (ft) | Change in WSE<br>100 yr (ft) |
|---------------|---------|----------------------------|------------------------------|
| Sloan Creek 3 | 6674    | -0.76                      | -0.07                        |
| Sloan Creek 3 | 6490    | -0.75                      | -0.06                        |
| Sloan Creek 3 | 6108    | -0.72                      | -0.05                        |
| Sloan Creek 3 | 5907    | -0.69                      | -0.04                        |
| Sloan Creek 3 | 5610    | -0.66                      | -0.03                        |
| Sloan Creek 3 | 5437    | -0.62                      | -0.03                        |
| Sloan Creek 3 | 5172    | -0.58                      | -0.03                        |
| Sloan Creek 3 | 5097    | -0.57                      | -0.03                        |
| Sloan Creek 3 | 4917    | -0.48                      | 0                            |
| Sloan Creek 3 | 4732    | -0.4                       | -0.02                        |
| Sloan Creek 3 | 4556    | -0.24                      | -0.03                        |
| Sloan Creek 3 | 4378    | -0.33                      | -0.03                        |
| Sloan Creek 3 | 4270    | -0.33                      | -0.03                        |
| Sloan Creek 3 | 4129    | -0.33                      | -0.02                        |
| Sloan Creek 3 | 3954    | -0.34                      | -0.03                        |
| Sloan Creek 3 | 3761    | -0.13                      | -0.03                        |
| Sloan Creek 3 | 3636    | 0.09                       | -0.03                        |
| Sloan Creek 3 | 3358    | 0.5                        | -0.02                        |
| Sloan Creek 3 | 3054    | 0.51                       | -0.03                        |
| Sloan Creek 3 | 2806    | -0.17                      | -0.03                        |
| Sloan Creek 3 | 2471    | -0.43                      | -0.03                        |
| Sloan Creek 3 | 2160    | -0.49                      | -0.03                        |
| Sloan Creek 3 | 2034    | -0.6                       | -0.03                        |
| Sloan Creek 3 | 1578    | 2.02                       | -0.03                        |
| Sloan Creek 3 | 1305    | 1.86                       | -0.01                        |
| Sloan Creek 3 | 860     | 2.04                       | -0.01                        |
| Sloan Creek 3 | 528     | 3.06                       | 0                            |
| Sloan Creek 3 | 93      | -0.24                      | -0.01                        |

## 8.0 Stream Restoration & Protection Plan

Several stream restoration alternatives were evaluated early on in the master plan process. However, due to the fact that the stream stability has been significantly affected by previous erosion, the potential cost of hard armoring to protect the existing banks, and the potential loss of land and loss of stream character that would result from attempting to widen the stream and to lay back the bank slopes to a non-erosive condition, a plan was developed to prevent continued wet/dry cycles on currently eroded portions of the stream. This goal is accomplished by creating a wet-pond within the stream, and then creating a series of small drop structures upstream of the normal pool of the wet pond. The drop structures retain water behind the structure to a maximum depth of about four feet. The structures are placed within the stream such that the upper end of the normal pool behind each structure maintains a minimum depth of about two feet before the next structure then raises the normal pool again for the next upstream reach. The plan, profile, and typical section for these facilities are provided in Appendix E.

The existing channel erosion risk is caused by the wet/dry cycle that occurs as the streams are subject to flow after a storm, and then dry out before the next storm event occurs. If the material is either constantly wet, or constantly dry, the chemical reaction and breakdown of the material does not occur. The proposed scenario described above and represented by the profiles in Appendix E, supplemented with a source of water to keep the pools full, will protect the lower three feet of channel on average. However, the new wet/dry line will then move higher in the channel to a point just above the proposed normal pool elevations. In order to protect the new zone that will be subject to a wet/dry cycle each time it rains, we proposed to apply shotcrete to the channel walls from a point 1 foot below the normal pool elevation, to a point 2 feet above the normal pool elevation. Extending the shotcrete 2 feet above the normal pool elevation will not eliminate the wet/dry cycle, but is expected to significantly reduce the frequency in which the cycle occurs.



## 9.0 Hydromodification Assessment

In order to prevent the CPDD from having an adverse impact on the wet/dry cycle frequency of the channel downstream, an assessment was performed of the frequency of the wet/dry cycle. In order to assess frequency of the wet/dry cycle events, continuous simulation modeling was performed using HEC-HMS and the Lavon Dam rain gage where 15-minute precipitation values are available for approximately 30 years of record. The gage data is considered the best available data to reflect long-term rainfall patterns in the project vicinity. Rather than estimating a single peak discharge as normally performed to assess a specific design event, continuous simulation modeling keeps track of soil moisture content for the drainage area of interest and therefore is able to estimate the runoff at any point of time relative to the long-term rainfall record. While not an exact science, this process facilitates a reasonable expectation of the differences that the CPDD may be expected to have on Sloan Creek downstream of the development.

Continuous Simulation modeling was completed using the HEC-HMS Version 4.0 software. The HEC-HMS model was changed from the pre-developed model to a continuous simulation model by adding the Lavon Dam rain gage with data from 1983-2012 and changing the loss method for each subbasin to the soil moisture accounting model, adding a linear reservoir baseflow method, and adding a simple surface and canopy method. The transform method did not change from the pre-developed model by using the same lag times and SCS unit hydrograph. The precipitation data was downloaded from the National Oceanic and Atmospheric Administration Climate Database. The precipitation depth, provided in Appendix G, was recorded at Lavon Dam and included 15 minute precipitation data from January 1983 to November 2012. This data was input into HEC-HMS as precipitation gage data so the continuous simulation model could then compute outflow for every 15 minute interval from 1983-2012. The meteorological model in HEC-HMS also used the monthly average method to compute evapotranspiration. Monthly lake surface evaporation data for Collin County was downloaded from the Texas Water Development Board for the years 1954-2014 (Appendix G). An average monthly lake surface evaporation in inches was calculated for each month of the year and entered into HEC-HMS as the monthly average evapotranspiration.

The soil accounting model in HEC-HMS uses a simple canopy and simple surface model to record the maximum amount of storage in inches that can be stored in small surface depressions or tree canopies of each subbasin. The max surface and canopy storage used in the model was 0.05 inches for each subbasin. These numbers were considered typical storage values for areas with very little elevation change as stated in the report, "Guidelines for Continuous Simulation of Streamflow in Johnson County, Kansas, with HEC-HMS" by Bruce McEnroe, Ph.D., P.E. This paper also estimated a reasonable initial soil moisture percentage for the month of January is 70%. The HEC-HMS model began the continuous simulation analysis in January 1983, so the initial soil moisture percent used was also 70%. Since HEC-HMS could not run a complete analysis for all thirty years of data at once, the model would run one or two years at a time until all thirty years were completed. At the end of each run, an ending saturation fraction was calculated and then used as the initial soil moisture percentage for the next run. The saturation fractions used for both the existing and proposed models for each run are included in Appendix G. The last few variables needed for the soil moisture accounting model were maximum infiltration rate, impervious percentage of the basin, the soil storage in inches and the tension storage as seen in Tables 12 and 13. The max infiltration rate and soil storage were downloaded from the NRCS Web Soil Survey Database. The tension storage was

determined to be 40% of the soil storage, as stated in the report “Guidelines for Continuous Simulation of Streamflow in Johnson County, Kansas, with HEC-HMS.” The impervious percentages were calculated by referencing the recommended values in the 2011 TxDOT Hydraulic Manual.

**Table 12: Existing Soil Moisture Accounting Model Variables**

| <b>Existing Condition HEC-HMS Soil Accounting Loss Model Variables</b> |                                 |                          |                             |                     |
|--|---------------------------------|--------------------------|-----------------------------|---------------------|
| <b>Subbasin</b>  | <b>Max Infiltration (in/hr)</b> | <b>Soil Storage (in)</b> | <b>Tension Storage (in)</b> | <b>% Impervious</b> |
| 1  | 0.16                            | 8.20                     | 3.28                        | 28.61               |
| 2  | 0.21                            | 7.82                     | 3.13                        | 18.59               |
| 3  | 0.28                            | 7.19                     | 2.88                        | 22.62               |
| 4  | 0.29                            | 7.09                     | 2.84                        | 16.62               |
| 5  | 0.15                            | 8.17                     | 3.27                        | 52.17               |
| 6  | 0.09                            | 8.56                     | 3.42                        | 18.60               |
| 7  | 0.18                            | 7.96                     | 3.18                        | 17.75               |
| 8  | 0.17                            | 8.15                     | 3.26                        | 1.08                |
| 9  | 0.06                            | 8.90                     | 3.56                        | 4.79                |
| 10   | 0.06                            | 7.75                     | 3.10                        | 22.22               |
| 11   | 0.09                            | 8.15                     | 3.26                        | 16.61               |
| 12   | 0.43                            | 5.90                     | 2.36                        | 10.13               |
| 13   | 0.16                            | 8.12                     | 3.25                        | 12.36               |
| 14   | 0.36                            | 6.64                     | 2.66                        | 41.04               |
| 15   | 0.11                            | 8.68                     | 3.47                        | 73.19               |
| 16   | 0.50                            | 6.94                     | 2.78                        | 7.07                |
| 17   | 0.43                            | 6.87                     | 2.75                        | 28.89               |
| 18   | 0.78                            | 5.26                     | 2.10                        | 25.11               |
| 19   | 0.29                            | 6.82                     | 2.73                        | 64.38               |
| 20   | 0.91                            | 8.09                     | 3.24                        | 13.21               |
| 21   | 0.77                            | 7.26                     | 2.90                        | 16.66               |
| 22   | 0.74                            | 4.09                     | 1.64                        | 28.76               |
| 23   | 0.75                            | 6.84                     | 2.74                        | 6.80                |
| 24   | 1.04                            | 2.69                     | 1.08                        | 21.17               |
| 25   | 0.84                            | 6.96                     | 2.78                        | 7.37                |
| 26   | 0.77                            | 6.50                     | 2.60                        | 30.88               |
| 27   | 0.34                            | 7.32                     | 2.93                        | 26.83               |
| 28   | 0.56                            | 8.07                     | 3.23                        | 25.67               |

**Table 13: Proposed Soil Moisture Accounting Model Variables**

| <b>Proposed Condition HEC-HMS Soil Accounting Loss Model Variables</b> |                                 |                          |                             |                     |
|--|---------------------------------|--------------------------|-----------------------------|---------------------|
| <b>Subbasin</b>  | <b>Max Infiltration (in/hr)</b> | <b>Soil Storage (in)</b> | <b>Tension Storage (in)</b> | <b>% Impervious</b> |
| 1  | 0.16                            | 8.20                     | 3.28                        | 28.07               |
| 2  | 0.21                            | 7.81                     | 3.12                        | 18.74               |

| Proposed Condition HEC-HMS Soil Accounting Loss Model Variables |      |      |      |       |
|---|------|------|------|-------|
| 3   | 0.28 | 7.20 | 2.88 | 22.52 |
| 4   | 0.29 | 7.09 | 2.84 | 16.82 |
| 5   | 0.15 | 8.19 | 3.28 | 53.31 |
| 6   | 0.09 | 8.70 | 3.48 | 66.65 |
| 7   | 0.18 | 7.90 | 3.16 | 66.14 |
| 8   | 0.17 | 8.06 | 3.22 | 60.82 |
| 9   | 0.06 | 8.90 | 3.56 | 81.28 |
| 10  | 0.06 | 7.75 | 3.10 | 22.22 |
| 11  | 0.09 | 8.69 | 3.48 | 72.10 |
| 12  | 0.43 | 5.90 | 2.36 | 25.55 |
| 13  | 0.16 | 8.10 | 3.24 | 78.07 |
| 14  | 0.36 | 6.57 | 2.63 | 33.17 |
| 15  | 0.11 | 8.70 | 3.48 | 74.02 |
| 16  | 0.50 | 6.96 | 2.78 | 9.65  |
| 17  | 0.43 | 6.60 | 2.64 | 23.42 |
| 18  | 0.78 | 5.40 | 2.16 | 28.40 |
| 19  | 0.29 | 6.98 | 2.79 | 64.46 |
| 20  | 0.91 | 8.18 | 3.27 | 12.34 |
| 21  | 0.77 | 7.42 | 2.97 | 16.68 |
| 22  | 0.74 | 4.40 | 1.76 | 29.20 |
| 23  | 0.75 | 6.92 | 2.77 | 7.29  |
| 24  | 1.04 | 3.03 | 1.21 | 21.17 |
| 25  | 0.84 | 7.06 | 2.82 | 7.32  |
| 26  | 0.77 | 6.54 | 2.62 | 31.39 |
| 27  | 0.34 | 7.34 | 2.94 | 27.11 |
| 28  | 0.56 | 8.13 | 3.25 | 23.74 |

Continuous simulation models were run for the existing condition and proposed condition to provide for comparison. A third model was also run to analyze the proposed condition if LID BMP's were incorporated. The LID model was identical to the proposed condition model except for a change in the maximum storage in inches for the simple surface model. Since the LID BMP's would be used in select locations, only four subbasins have different maximum storage values for the LID condition. The maximum storage values for existing, proposed, and proposed with LID conditions are found in Table 14.

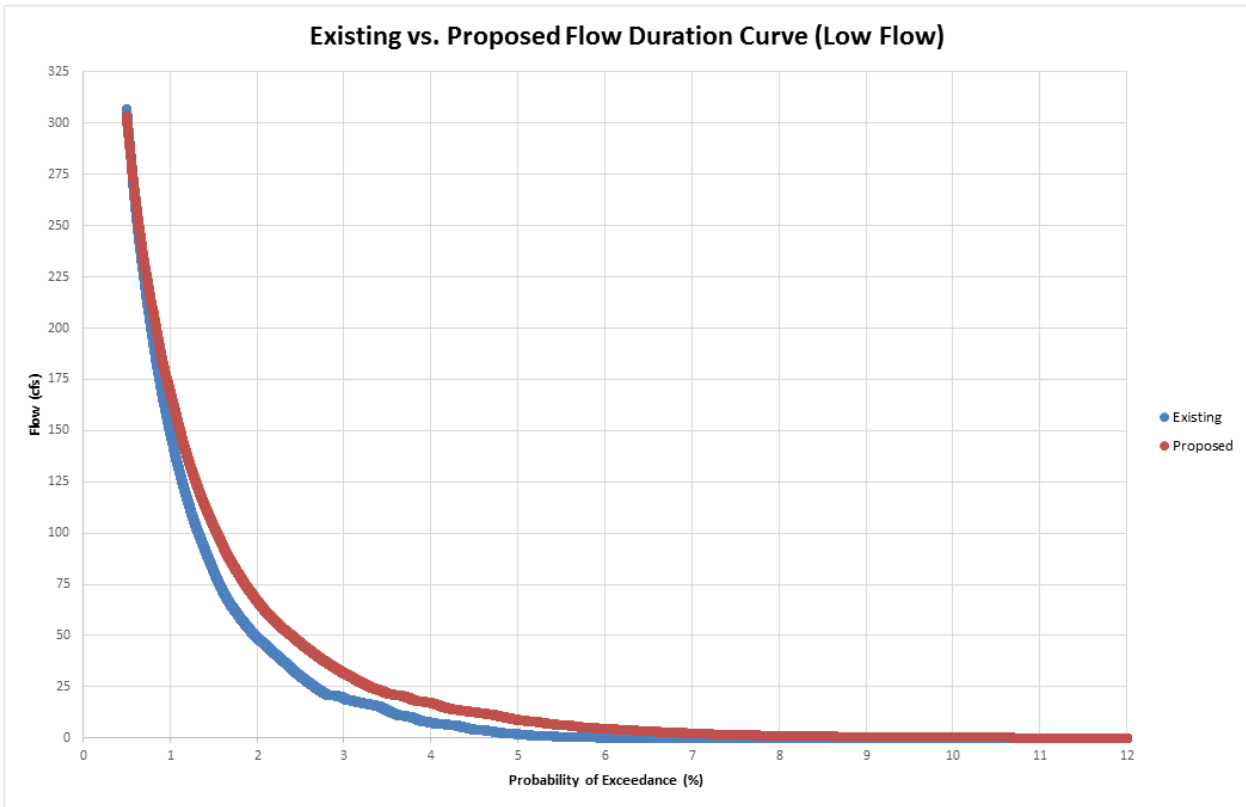
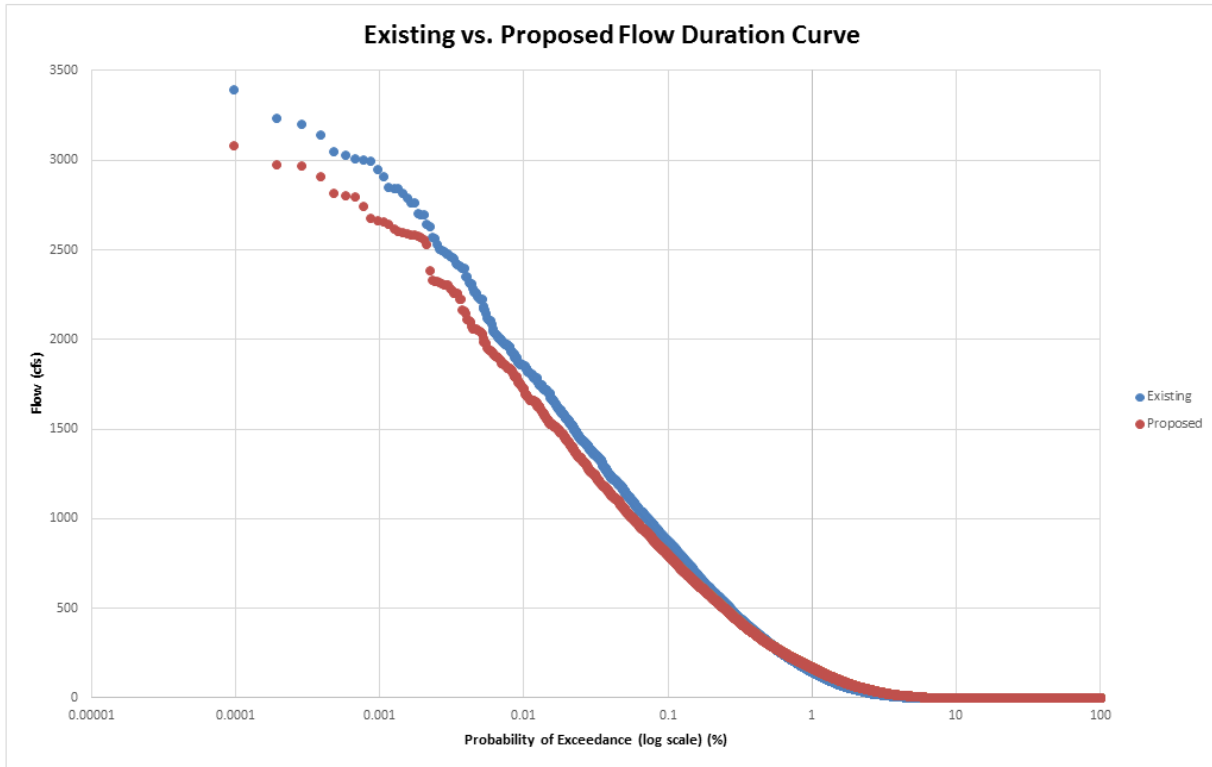
Table 14: Maximum Surface Storage Values

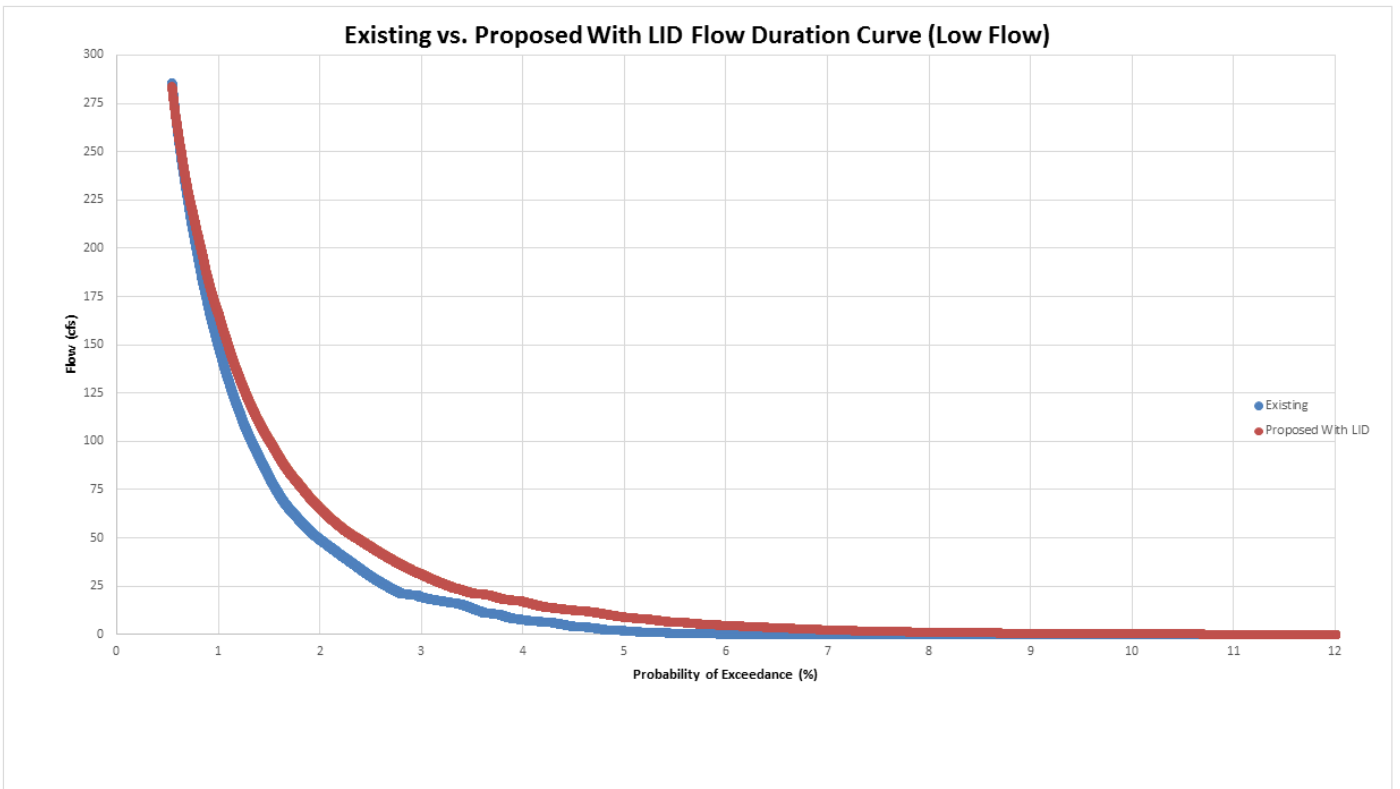
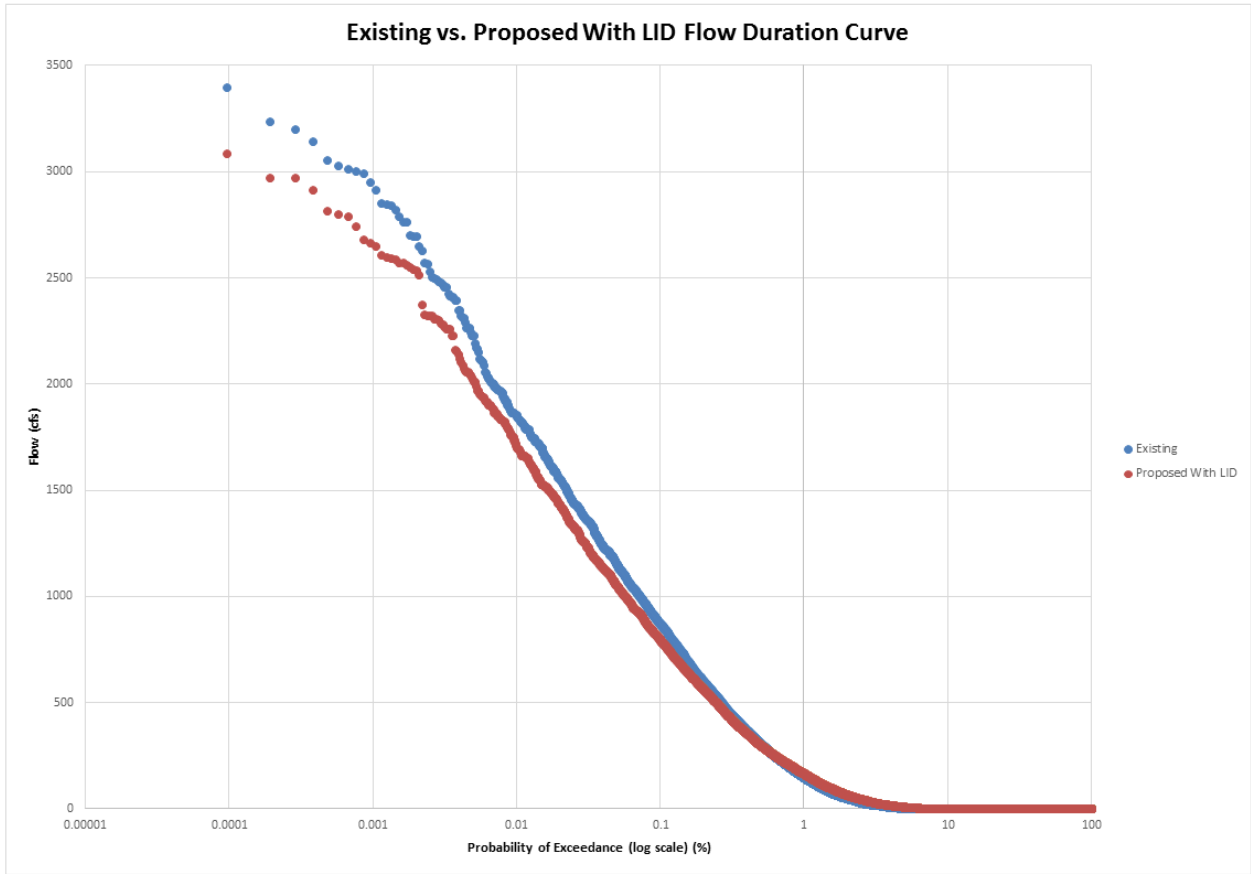
| Max Surface Storage (inches) for Soil Accounting Model |                    |                    |                             |
|--|--------------------|--------------------|-----------------------------|
| Subbasin   | Existing Condition | Proposed Condition | Proposed Condition with LID |
| 6  | 0.05               | 0.05               | 0.12                        |
| 7  | 0.05               | 0.05               | 0.16                        |
| 8  | 0.05               | 0.05               | 0.19                        |
| 9  | 0.05               | 0.05               | 0.17                        |

Plots of a comparison of frequency of occurrence for the range of flows (over 1 million time steps that are each 15 minutes in length) are provided below. These plots are provided to compare existing, proposed, and proposed conditions with the implementation of LID BMP's. In the comparison plots, the existing condition had higher flows than proposed for the majority of the range of flows. However, for low flows less than 250 cfs, the proposed condition had higher flows than the existing condition. Low flow plots are included to show the small area of the flow duration curve that has higher flows for the proposed condition. Table 15 provides a summary of the frequency of events that exceed 27 cfs at the point of interest near the downstream end of the CPDD. This discharge value represents the approximate discharge required to produce 3 inches of depth within the channel. This depth was selected as a reasonable depth for which exceedance may be considered to create the wet/dry cycle of concern within the channel sidewalls. The table indicates that the master plan development, especially with inclusion of the proposed LID BMPs, will actually decrease the number of times that the wet/dry cycle is expected to occur downstream of the CPDD. This is an important metric to compare potential adverse impact to the stream downstream of the CPDD. Although the average time of each saturation event is expected to increase, the additional time of saturation is not considered an adverse impact relative to the existing time of saturation. It is the reduction in the number of wet/dry cycles that is significant.

**Table 15: Continuous Simulation Flow Duration Analysis**

| <b>Continuous Simulation Flow Duration Analysis</b> |   |   |   |
|---|---|---|---|
| <b>Continuous Simulation Model</b>                  | <b>Total Number of 15 Minute Time Intervals with Flows &gt;27 cfs</b> | <b>Total Number of Continuous Flow Events with Flows &gt;27 cfs</b> | <b>Average Flow Event Duration (hr)</b> |
| <b>Existing</b>                                     | 27331   | 2656  | 2.57                                    |
| <b>Proposed</b>                                     | 33661   | 2594  | 3.24                                    |
| <b>Proposed With LID</b>                            | 33357   | 2524  | 3.30                                    |
| <b>Proposed - Existing (30 Year Span)</b>           | 6330  | -62   | 0.67                                    |
| <b>Proposed With LID - Existing (30 Year Span)</b>  | 6026  | -132  | 0.73                                    |
| <b>Proposed - Existing (Per Year)</b>               | 211   | -2.07   |   |
| <b>Proposed With LID - Existing (Per Year)</b>      | 201   | -4.40   |   |





## 10.0 Open Space Master Plan

The Open Space Master Plan is provided in Appendix F. The open space master plan is envisioned around a high energy, pedestrian focused and diverse set of urban core services, plazas, squares and outdoor experiences within an overall unifying urban design framework. Set within the urban core framework of the Fairview Commercial District master plan, the area has been strategically designed with commercial, retail, office, hotel, restaurant and entertainment uses to produce an entertainment and services hub for the future surrounding residential, loft, townhome and multi-family uses. The frontage entrance into urban core is anchored by large retail and commercial uses that may feature a boutique hotel, upscale grocer and a neighborhood cinema or playhouse each capable of incorporating a multi-story parking facility. The frontage roads are lined with streetscape, native plant material and drought tolerant grasses. Further into the proposed development, the user is greeted with a grand divided median that accentuates the landscape and helps break away expanses of hardscape. The uses within this area are primarily retail, small specialty shops and small services such as clothiers and cleaners. Second stories in this portion of the design may house offices and business complexes. Each street is planned with wide sidewalks, streetscape, street amenities and convenient parallel parking. Several patios and plazas should be planned within these areas for public gathering and meeting places. These connective spaces may have small fountains, public art, shade structures, outdoor seating and small kiosk shops and services. The east end of the urban core is concluded by a large round about that would be the perfect spot for a large public art piece surrounded by colorful native landscape and decorative hardscape. The roundabout then distributes the traffic along two side thoroughfares leading to the retail, shops and larger services along the midpoint and frontage of the project. The view from the roundabout should draw the eye towards the large pond feature (Pond 3) where several large fountain sprays provide a pleasing view, refreshing background sounds and frame the surrounding urban design and existing natural environment. Facilities in these areas are primarily restaurant, patio diners, small specialty shops and dessert stands. The central open space is a public gathering area with a crushed granite park area, plenty of shade trees, decorative string lighting and movable furniture to invite the user into multiple uses and possibilities. The intent in this high energy area is to create a special pedestrian environment with many areas to explore, create experiences, find interesting shops and have a nice meal while on a patio watching people, fountains and enjoying the surrounding natural environment. All of these experiences provide the base core for the surrounding open space plan.

Pedestrian linkages are the key to success for the open space plan. It is crucial the linkages convey a sense of approach into the urban core and lead the user to the services, open space activities and other significant districts surrounding the urban core. To provide these connections, first a wide sidewalk should be placed along the curb line around the perimeter of the open space. The walks should not infringe into the existing drainage area and vegetation, but run alongside the natural amenities. This will preserve significant amounts of tree cover providing shade for pedestrian, a pleasant backdrop and experience for the urban core and an environment for wildlife. These walks will provide the basis for all the connective walks into the urban core, while providing a pleasing walk along the perimeter of the project and into other areas of the commercial district.

From these perimeter walks, a series of connections leading into, across and along the urban core have been planned. Several sidewalks should lead from the frontage roads into the urban district. These walks should match the wide sidewalks and streetscape connecting the internal

areas of the urban core. Two trails will also connect across the channels and drainage ways into the urban core. These trails are highlighted by aesthetic steel truss bridges creating scenic views through and across the drainage channels and holding ponds. Additionally, along these areas of connectivity are specially placed shade pavilions. These pavilions are roughly 24' x 16' in size and would contain such feature as picnic benches, charcoal grills and stone veneered columns to retain a rustic, rural feel. These pavilions are placed to take advantage of scenic overlooks, natural canopies and accessible points along the surrounding residential and urban core.

Retaining the existing vegetation along the perimeter of the urban core, along the channels and creeks and along these trail and sidewalk linkages is a high priority. Every effort has been taken to retain the existing vegetation, prairie grasses and wildlife in these areas. As a respite for the surrounding residential uses and continuing trail system, it is very important to retain the rural character of the site, wildlife and inviting natural resources. As a key to controlling erosion, the existing vegetation will remain an important part and vital basis for a continuing effort to maintaining the site and preservation of natural resources. The open space master plan looks to preserve the majority of this environment.

Continuing from the connecting walks and trails and through the existing vegetation and wildlife the user will encounter a 12' wide trail system. The trail system begins and ends with a trailhead along the frontage of US 75 on the north and south side of the urban core. The trail then winds its way through existing topography, vegetation and existing channels providing the user a unique experience in an urban environment. Special care should be taken to keep these areas natural and the use of native prairie and black land grasses is highly encouraged. As previously mentioned, this interior trail would also provide small pavilions for the pedestrian, shopper or casual user. The wide trail winds through the interior perimeter of the urban core leading to all of the many uses of the district, including the pond area, restaurant areas and many other pedestrian experiences previously mentioned. The trail then winds its way along the backside of the pond providing an additional experience into the quiet areas of the natural environment, wildlife and channel ponds of the site.

Flanking each side of the open space trail, near the center of the urban core are two large open space areas. The south side has been planned as a large, natural amphitheater where plays, concerts, community theatre and special events can be held. The amphitheater takes advantage of naturally sloping topography and along with natural stone terraces, thoughtful grading and selected site amenities can be a wonderful addition to urban design. The north side open space is a simple, large circular area where outdoor markets, art displays and special events can be held. The two special event areas are connected by the pond and entertainment areas of the district.

As a special feature of the trail system and near the two special events open space areas, a nature trail has been incorporated to lead the user through the beautiful environment along the eastern side of the project. The nature trail should lead through the natural vegetation and along the back side of the pond leading to the channel area ponds. Special care should be taken to remove very little or no plant material in the trail areas and naturally flow through the existing vegetation and wildlife. The nature trail terminates near the back of the stream and pond convergent areas with a special overlook pier for viewing wildlife and natural scenery. The far eastern portion of the project provides an additional experience that should be utilized. An additional nature trail would lead from Fairview Parkway through the existing topography and



natural vegetation to the existing rail crossing. This rail crossing is rich in history and provides an excellent backdrop from weddings, photo opportunities and general historic interest. The wonderful arched brick work and carved stone bases along with the existing creek, wildlife and vegetation provide an experience not many other sites can provide.

Sidewalks, aesthetic bridges, winding trails and nature walks along with the preserved landscape, wildlife, amphitheaters, plazas, esplanades, overlooks and pavilions will provide the surrounding resident and visiting user with a unique amenity and natural experience while also providing a distinctive backdrop to the urban design district.

Pond 1, northeast of the urban core along Highway 5 will have a meandering trail system around the perimeter of the pond. Seating areas along the trail should be provided, along with various species of shade trees to provide the user with relief from the Texas heat while seated and/or utilizing the trail system. The proposed trail system should have connections to future trails proposed in the Town of Fairview Park & Trail Master Plan along Highway 5. In addition to this connection, the proposed trail should have a future connection to the planned park location to the northeast as described in the Town of Fairview Park & Trail Master Plan.

## 11.0 Major Drainage Infrastructure

Based on the current Framework Plan, the location of the proposed detention facilities, and the terrain of the existing land, an anticipated location of major storm drain trunk lines was developed. Trunk line alignments were assumed to follow the route of major roadway infrastructure. This approach facilitates development of a storm drain trunk line to service the CPDD, while still allowing maximum variability of minor street alignments within the Framework of the major street system. The CPDD was then parceled into proposed condition subbasins as needed for the design of the trunk lines. Maximum average percent impervious cover as determined from the form based code was utilized in development of anticipated peak discharges for the storm drain facilities. Rational method discharges were estimated along the trunk lines and the lines were sized using normal depth calculations with no surcharge. The resulting storm drain trunk line sizes and locations are provided in Appendix H. A table of line lengths and sizes is provided necessary for the storm drain trunk lines is provided in Table 16.

Table 16: Storm Drain Trunk Lines

| Storm Drainage Area | C   | i    | Area (ac) | Q   | Slope | Pipe Size | FPS |
|---------------------|-----|------|-----------|-----|-------|-----------|-----|
| Storm DA 1A         | 0.9 | 8.74 | 61.2      | 481 | 0.5   | 8'x7'     | 8   |
| Storm DA 1B         | 0.9 | 8.74 | 40.4      | 318 | 0.5   | 8'x6'     | 7   |
| Storm DA 1C         | 0.9 | 8.74 | 26.3      | 207 | 0.5   | 7'x5'     | 6   |
| Storm DA 1D         | 0.9 | 8.74 | 13.4      | 106 | 0.5   | 54"       | 7   |
|                     |     |      |           |     |       |           |     |
| Storm DA 2          | 0.9 | 8.74 | 22.7      | 179 | 0.5   | 6'x4'     | 6   |
| Storm DA 2M2        | 0.9 | 8.74 | 17.5      | 138 | 0.5   | 5'x4'     | 7   |
| Storm DA 2M3        | 0.9 | 8.74 | 10.0      | 78  | 0.5   | 48"       | 7   |
| Storm DA 2M4        | 0.9 | 8.74 | 4.5       | 35  | 0.5   | 36"       | 7   |
|                     |     |      |           |     |       |           |     |
| Storm DA 3A         | 0.9 | 8.74 | 52.0      | 409 | 0.5   | 8'x8'     | 6.5 |
| Storm DA 3B         | 0.9 | 8.74 | 13.4      | 106 | 0.5   | 54"       | 7   |
| Storm DA 3C         | 0.9 | 8.74 | 37.1      | 292 | 0.5   | 8'x6'     | 7   |
| Storm DA 3D         | 0.9 | 8.74 | 11.1      | 87  | 0.5   | 48"       | 7   |
| Storm DA 3E         | 0.9 | 8.74 | 6.3       | 50  | 0.5   | 42"       | 6   |
| Storm DA 3F         | 0.9 | 8.74 | 23.9      | 188 | 0.5   | 7'x4'     | 7   |
| Storm DA 3G         | 0.9 | 8.74 | 12.0      | 94  | 0.5   | 54"       | 7   |
|                     |     |      |           |     |       |           |     |

| Storm Drainage Area | C   | i    | Area (ac) | Q   | Slope | Pipe Size | FPS |
|---------------------|-----|------|-----------|-----|-------|-----------|-----|
| Storm DA 4M1        | 0.9 | 8.74 | 64.4      | 506 | 0.5   | 8'x8'     | 8   |
| Storm DA 4M2        | 0.9 | 8.74 | 49.7      | 391 | 0.5   | 8'x7'     | 7   |
| Storm DA 4 M3       | 0.9 | 8.74 | 36.6      | 288 | 0.5   | 8'x6'     | 7   |
| Storm DA 4 M4       | 0.9 | 8.74 | 13.6      | 107 | 0.5   | 54"       | 7   |
| Storm DA 4B         | 0.9 | 8.74 | 12.9      | 102 | 0.5   | 54"       | 7   |
| Storm DA 4C         | 0.9 | 8.74 | 11.7      | 92  | 0.5   | 54"       | 7   |
| Storm DA 4D         | 0.9 | 8.74 | 21.0      | 165 | 0.5   | 7'x4'     | 7   |
| Storm DA 4E         | 0.9 | 8.74 | 7.8       | 61  | 0.5   | 42"       | 7   |
| Storm DA 4G         | 0.9 | 8.74 | 5.2       | 41  | 0.5   | 36"       | 6   |
| Storm DA 4H         | 0.9 | 8.74 | 6.5       | 51  | 0.5   | 42"       | 6   |
| Storm DA 4I         | 0.9 | 8.74 | 11.0      | 86  | 0.5   | 48"       | 7   |
|                     |     |      |           |     |       |           |     |
| Storm DA 5M1        | 0.9 | 8.74 | 23.2      | 182 | 0.5   | 6'x5'     | 7   |
| Storm DA 5M2        | 0.9 | 8.74 | 16.2      | 127 | 0.5   | 60"       | 7   |
| Storm DA 5M3        | 0.9 | 8.74 | 8.0       | 63  | 0.5   | 48"       | 6   |
| Storm DA 5B         | 0.9 | 8.74 | 7.1       | 55  | 0.5   | 42"       | 6   |
| Storm DA 5C         | 0.9 | 8.74 | 6.3       | 49  | 0.5   | 42"       | 6   |

## 12.0 Fairview Low-Impact Development Opportunity Review

### 12.1 Introduction

As a new development, the Town of Fairview has the opportunity to incorporate low-impact development (LID) best management practices (BMPs) within the Commercial Planned Development District (CPDD) planning and design process. When correctly and effectively implemented, LID BMPs can be impactful to the stormwater and detention infrastructure, water quality, project and utility costs, energy usage, aesthetic appeal, and town image. This report includes the LID BMPs related to stormwater that are best suited for the Town of Fairview along with benefits, limitations, general costs, and overall impact of each method. Water quality, retention of stormwater runoff, and rainwater harvesting will be covered. Economic incentives for implementing sustainable infrastructure will also be discussed.

While many stormwater BMPs are designed to promote infiltration of stormwater runoff through the existing soils, the high clay content in the soils in this area inhibit infiltration. However, this limitation does not mean that these methods cannot be applied in this region. Many BMPs can be fitted with underdrains that connect to the storm water system, providing the same water quality benefits as well as temporary detention of runoff. The water can also be collected in cisterns for beneficial reuse.

### 12.2 Low Impact Development Best Management Practices

LID BMPs can be implemented in many different ways. This report will organize BMPs as they can be implemented in four different types of areas found in the urban setting. It will further discuss how the BMPs can be implemented at both a regional and parcel level. Individual BMP fact sheets provide more detailed information and are provided in Appendix I.

### 12.3 Streets

#### 12.3.1 Regional

If space is available in the right-of-way, bioswales can be used to convey stormwater rather than the traditional curb and gutter system. *See Bioswales fact sheet.*

Rather than runoff being directed to storm sewer inlets, curb cuts can direct flows into rain gardens or tree box filters, which can be designed to treat street runoff. *See Rain Gardens and Tree Box Filters fact sheets.*

Low traffic roads can be constructed with porous asphalt or permeable pavers to decrease runoff and treat pollutants from vehicular traffic. *See Porous Asphalt and Permeable Pavers fact sheets.*

#### 12.3.2 Parcel

Private streets, access roads, and fire lanes can also be constructed with porous asphalt or permeable pavers. *See Porous Asphalt and Permeable Pavers fact sheets.*

## 12.4 Parking Areas

### 12.4.1 Regional

To mitigate runoff from paved parking areas and provide water quality benefits, runoff can be conveyed into curbside parking lot rain gardens or be diverted with curb cuts into rain gardens, which can be placed in medians or on the perimeter of lots. *See Rain Gardens and Tree Box Filters fact sheets.*

Parking areas, whether they are surface lots or street parking, can be constructed using porous asphalt or permeable pavers. *See Porous Asphalt and Permeable Pavers fact sheets.*

Parking garages can be used for rainwater harvesting or can support a green roof. *See Capture and Reuse and Green Roofs fact sheet.*

### 12.4.2 Parcel

Driveways and parking areas can be constructed from porous asphalt or permeable pavers. *See Porous Asphalt and Permeable Pavers fact sheets.*

Covered parking areas can be used as catchment areas for rainwater harvesting. *See Capture and Reuse fact sheet.*

## 12.5 Buildings

### 12.5.1 Regional

Rainwater catchment from rooftops can be implemented on a regional scale to irrigate centralized public landscaping. *See Capture and Reuse and Green Roofs fact sheet.*

### 12.5.2 Parcel

Rooftops can utilize gardens and/or rainwater harvesting. Green roofs may also count towards a parcel's required open space for development standards. *See Capture and Reuse and Green Roofs fact sheet.*

Downspouts can be disconnected and diverted to catchment tanks or rain gardens. *See Downspout Disconnection and Rain Gardens fact sheets.*

## 12.6 Open Space

### 12.6.1 Regional

Bioswales and rain gardens can be implemented in open spaces where there are large open areas or sized to fit into a developed area. Open areas can support more extensive rain gardens with larger plant species. *See Bioswales and Rain Gardens fact sheets.*

Any paved area, including plazas, sidewalks, walking trails, basketball courts, etc. can be constructed using porous asphalt, pervious concrete pavement, or permeable pavers. See *Porous Asphalt, Pervious Concrete Pavement, and Permeable Pavers fact sheets*.

Landscaped areas can be irrigated using captured rainwater, which can be used for any non-potable water use. See *Capture and Reuse fact sheet*.

### 12.6.2 Parcel

Rain gardens or bioswales can be constructed in open spaces, and landscape irrigation can be supplied by captured rainwater. See *Bioswales, Rain Gardens, and Capture and Reuse fact sheets*.

## 12.7 Impact on Stormwater Quality & Volume

### 12.7.1 Background Information

Rain gardens, green roofs, and pervious pavements are LID BMPs that not only provide water quality treatment for stormwater runoff, but also provide detention volume for smaller storm events.

Detention is typically designed for a 24-hr storm, and these LID BMPs are designed to retain water typically between 24 - 48 hours. Therefore, by delaying a certain amount of runoff from immediately entering the storm sewer system, peak flows of smaller storm events are impacted, as well as overall design. While detention pond volumes are based mainly on large storm events, for which these BMPs will not play a significant role, smaller storm events are key factors in channel erosion. This factor is particularly true for Sloan Creek and its tributaries since erosion is driven by the wet/dry cycle discussed previously in this masterplan. When considering channel modification, the installation of these BMPs could be of great benefit in reducing the frequency of erosion-producing runoff events and velocities. The effect of the BMPs on storms that could cause erodible velocities was quantified using continuous simulation modeling and is further discussed in Section 9.

The LID BMPs that have the most significant capacity for retention of runoff are:

- Rain gardens
- Green roofs
- Pervious Pavement (porous asphalt, pervious concrete, permeable pavers)

For the Town of Fairview, an analysis was done of the water quality and volume impact of these three BMPs in the planned area of the most urban development, subbasins 6, 7, 8, and 9 based on preliminary drainage data. The development information for the subbasins is shown in Table 17. The BMP study was based on preliminary drainage areas, and areas will be updated to match the current proposed drainage areas in the final report.

**Table 17: Pervious & Impervious Areas**

| Subbasin | Drainage Area (ac) | Pervious (%) | Impervious (%) |
|----------|--------------------|--------------|----------------|
| 8        | 152                | 31           | 69             |
| 7        | 93                 | 16           | 84             |
| 9        | 25                 | 10           | 90             |
| 6*       | 85                 | 11           | 89             |

\*Only a portion (85 acres) of subbasin 6 will be within the main development of the CPDD

To achieve increased stormwater runoff quality, treating 1.5 in of precipitation, which will generate what is known as the water quality volume, is recommended, as the largest sediment and pollutant loading will occur at the beginning of a storm event or during smaller storm events.

**12.7.2 BMP Analysis & Recommendation**

**12.7.2.1 Subbasin 7 Case Study**

To illustrate the effect of BMPs on water quality and volume, an analysis of LID implementation for Parcel 7 was done based on the conceptual streetscape and open space plan. Parcel 7 is an area of high urban development, and using 6% of the total parcel area for the implementation of BMPs could provide for the following:



0.34 acres of dedicated pervious area along streetscape converted to rain gardens



Sidewalks for 9,000 linear ft of street and 350 street parking spots with pervious paving



75,000 sq ft of green roof gardens



Rainwater collection from 150,000 sq ft of roof area

Note that green roofs and pervious pavement are not designed to treat offsite runoff, only the rainwater with the area planted or paved, while runoff from other surfaces can be directed into rain gardens.

Implementing the above BMPs in Subbasin 7 would have the following impacts:

- 26% of total water quality volume treated by BMPs
- 2% decrease in 2-yr storm peak flows
- 10% decrease in small storm of 1.5 in precipitation
- 50,000 gallons of rainwater collection from a small 0.6 in storm

### 12.7.2.2 CPDD BMP Implementation

Any amount of implementation of these LID BMPs will have a positive effect on both water quality and stormwater retention. Similar effects would be seen in all the subbasins with the CPDD if BMPs were implemented in the same way as Subbasin 7.



Based on the conceptual open space and streetscape plan for Subbasin 6, 7, 8, and 9 and similar BMP implementation as Subbasin 7, the following results could be seen:

- 31% of total water quality volume treated by BMPs
- 2% decrease in 2-yr storm peak flows
- 9% decrease in small storm of 1.5 in precipitation
- 210,000 gallons of rainwater collection from a small 0.6 in storm

### 12.7.3 Water Quality Impact

In addition to providing storage for stormwater runoff, LID BMPs also improve the water quality of the runoff. Additional BMPs that also have a positive effect on water quality include:

- Bioswales
- Curb cuts
- Downspout Disconnection
- Tree Box Filters
- Water Quality Structures

Pollutants such as debris, sediment, nutrients, oil and grease, and metals can be removed from stormwater runoff before it enters a catchment tank, detention pond, or the storm sewer system. Water quality treatment of stormwater runoff is particularly advantageous within the areas of dense development such as the proposed CPDD. Furthermore, application of water quality BMPs in areas tributary to the planned permanent water features is important to maintaining a vibrant and healthy community amenity by limiting oil sheens and algae plumes. *See Water Quality Structures fact sheet.*

## 12.8 Rainwater Harvesting

Rainwater harvesting could be implemented to use the captured runoff for beneficial use. Rainwater catchment systems have catchment tanks or cisterns above or below ground. Due to the soil types and shallow bedrock at this project site, only aboveground storage will be considered for the Town of Fairview. As cisterns typically collect rainwater by gravity flow, the primary source of catchment considered will be rooftops. Pumps can be installed if additional collection areas are desired.

Cisterns installed in series would provide additional capacity. If rainwater were collected from 150,000 sq ft of roof area, 50,000 gallons could be collected in a 0.6 in rain event and used for irrigation rather than potable water.

Based on typical precipitation and evapotranspiration data for the area, a 500-gallon cistern collecting rainwater from a 1,500 sq ft roof could provide irrigation for 1,200 sq ft of landscaping for a significant portion of the year. If drought-tolerant plants are used, little to no additional irrigation would be necessary.

Parking garages, sheds, and other covered areas can also be considered for catchment.

For a small rain event of 0.25 in., 20,000 gallons could be collected from a single 145,000 sq ft parking garage.

## 12.9 Economic Incentives

Incentives can be used by local governments to encourage the use of sustainable development practices on commercial and private property. Incentives allow municipalities the flexibility to act beyond regulatory codes, policies and ordinances and tailor programs and initiatives to achieve specific goals and priorities. Discussed below are common incentives offered to encourage sustainable development and corresponding case studies followed by a recommendation of incentives that Fairview could offer for the implementation of green infrastructure.

### 12.9.1 Stormwater Fee Reductions

A reduction in stormwater fees can be offered based on the amount of impervious surface and/or the volume of stormwater runoff discharged from the site.

A town can offer a stormwater fee reduction of certain percentage based on the square footage of impervious surface on the site or based on stormwater quantity reductions or based on specific LID practices being utilized.

City of Nashville offers a stormwater user fee reduction of 75% through implementation of the methods provided in the LID Manual.

City of Denver stormwater fees are based on actual impervious area at each site as determined by aerial photography, the less impervious surface, the lower the fee charged.

### 12.9.2 Development Incentives

Developers who use LID can receive a break in the permitting process thru reduced fees, expedited permit processing and leniency on requirements.

A town can offer only those developers who utilize LID reduced or waived permit fees, expedited permitting or even provide exemptions from local stormwater permitting requirements and flexibility in code standards to allow for LID strategies to be used.

Chicago's Green Permit Program reviews permits much faster for projects that include LID practices like the cistern at the Chicago Center for Green Technology.

**12.9.3 Rebates and Installation Financing**

Rebates or tax credits on the cost of installing specific sustainable practices can be offered based on municipal goals and objectives.

Montgomery County Maryland offers up to \$5,000 per multi-family or commercial lot for installation of rain gardens, cisterns, green roofs, native plants, shade trees or permeable paving.

Town of Palo Alto California offers \$1.50 per square foot for installation of permeable pavement to reduce stormwater runoff from driveways, walkways, patios and parking lots.

**12.9.4 Grants**

Direct funding can be provided to developers and property owners for implementing sustainable design strategies such as LID and take the extra steps to add greener infrastructure projects to the community.

Portland, Oregon’s Ecoroof Grant Program will fund up to \$5 per square foot of green roof installed by a property owner or developer.

**12.9.5 Awards & Recognition Programs**

Projects that are exemplary examples of sustainable development in the community can be eligible for awards and recognition.

A town can develop an awards and recognition program highlighting exemplary examples of sustainable design and development in the community. The project awards and recognitions can be divided into focused categories on water conservation and reuse, innovative stormwater management, landscape and site design, wetland or watershed restoration or other sustainable strategies to highlight the municipality’s sustainability goals and objectives

City of Philadelphia offers Sustainability Awards granting recognition to projects for sustainability in a variety of categories, including water efficiency/conservation, pollution prevention, habitat protection, landscaping/green and a variety of others.

King County Washington has the Business for Clean Water program which recognizes companies that successfully prevent storm water pollution at their sites.

### 12.9.6 Recommendations for Incentives

To encourage sustainable development, the Town of Fairview should implement incentives that are attractive to developers concerning costs and the permit review process. As LID practices are typically more expensive than traditional methods, economic incentives should offset costs by at least 25%. Recommendations for the Town of Fairview include:

- Stormwater fee reductions could be available for sites within the Town of Fairview that implement BMPs that reduce impervious areas by at least 3% and/or decrease the volume of runoff from a 2-yr storm.
- An incentive program could be developed based on rebates or tax credits for installing pervious paving, green roofs, or rainwater harvesting systems.
- The Town of Fairview could encourage LID practices by reviewing the projects faster and waiving the permit fees for projects implementing at least three LID practices.

If multiple incentives are available that could be applied for on a project, developers will be more likely to consider implementing LID practices. The Town of Fairview can promote the image of being a sustainable and green town as well as receiving the stormwater and water quality benefits of BMPs by providing attractive incentives for developers and encouraging these methods.

### 12.10 BMP Conclusions

The implementation of LID BMPs at any level will have a positive impact on the overall storm sewer system and town design. If implemented on a larger scale, overall stormwater quality and peak flow of smaller storm events will be significantly impacted. If a portion of the peak flows from smaller storm systems is delayed from entering the storm sewer system, erosive conditions in the downstream channels will decrease. In addition to environmental and community benefits, economic development incentives can also be put in place to promote the installation of low-impact and sustainable practices in the Town of Fairview.

## 13.0 Structural Assessment of Railroad Bridge

### 13.1 Description of Findings

A site visit was made to the existing railroad bridge over Sloan Creek by Huitt-Zollars, Inc. (HZI) on December 3, 2015. The bridge was constructed in the early 1900's and is located in the town of Fairview, Texas at these approximate coordinates:

Latitude: 33°8'50.32"N; Longitude: 96°38'27.75"W

The bridge is a 16-ft diameter brick and mortar arch with a barrel length of approximately 54-ft that runs in the east-west direction. The crown of the arch is about 17.5-ft above the invert of the channel. The brick arch sits atop 8-ft high stone and mortar walls, and is composed of seven layers of brick, making the thickness approximately 2-ft. The stone walls consist of 25" W x 16"H x 48"L blocks carved out of rock. As it exists today, the thalweg of the channel is approximately 16 inches lower than the bottoms of the extended footings. It is believed that the bottoms of the extended footings were originally constructed level with the channel bottom.

The creek flows in a west to east direction. The culvert was entered in the west/upstream end. The left upstream wingwall has fallen into the channel leaving the soil behind it exposed to flows in the creek. A crack has developed on the outside face of the brick arch at the springline on the left side. A crack at the crown on the inside face has also developed. This arch was designed to be in compression everywhere. The cracking noted signals outward movement of the arch walls at the springline which will lead to downward movement at the crown. This outward movement could be attributed to the softening or erosion of the soils behind the arch walls that allow the movement to take place. Transverse cracking was noted near the downstream end of the culvert. The crack started at the crown and ran continued down the left side to the springline and down to the rock wall and footing. The crack appears to have opened in the longitudinal direction of the culvert lining. The transverse crack on the left side may not be coincidental. The left downstream wingwall was replaced after it collapsed during a flood in the 1960's. The crack could have been due to the disturbance of the unprotected soils. The area has been repaired by installing a cast-in-place concrete wingwall. It is not known how long the failed area was left unprotected. The right downstream wingwall collapsed into the channel during floods the week before the site visit. The blocks are still lying in the channel bottom. Photos are provided in Appendix J.

### 13.2 Mitigation Measures for Immediate Action

Wingwalls should be re-installed to protect the upstream and downstream faces of the embankment in the area of the culverts. Since loss of arching capabilities is a concern, Ground Penetrating Radar (GPR) should be used to locate any voids behind the brick arch liner. Contact grouting of any voids that have developed between the surrounding earth and the backside of the culvert lining should be accomplished. Any loose bricks or stone blocks should also be dry packed/grouted.

### **13.3 Recommendations for Long Term**

A comprehensive study of the stream mechanics to include geotechnical aspects should be accomplished as part of the long term structural protection measures. Armoring of the entrance and exit portals appears to be desperately needed. Some contact grouting to ensure arching action is maintained is also needed for continued stability. Widening of the stream is occurring from apparent changes in flow characteristics. A new concrete channel bottom upstream, downstream, and through the length of the culvert should also be considered. Effective contact grouting of the lining and armoring of the entrance and exit portals is expected to allow continued use of the facility.

### **13.4 Potential Complications for Long-term Use**

The structure is not expected to meet loading requirements for an active commuter rail line. If and when the rail line becomes active, a detailed study would be performed by DART to determine whether the structure may be protected by “bridging” loads across the structure in order to preserve it in place. Additional complications would arise if the DART line is double-tracked and additional structure length (perpendicular to tracks) is required to account for the track widening.

## 14.0 Preliminary Opinion of Probable Construction Costs

A preliminary opinion of probable construction costs (OPCC) has been prepared based upon the proposed elements of the Master Plan of Drainage and Open Space Plan. Table 18 provides a summary of the anticipated costs. Back-up material, including quantities and estimated unit costs are provided in Appendix K.

**Table 18: Opinion of Probable Construction Costs**

| <b>Probable Construction</b>                       | <b>Cost</b>            |
|--|------------------------|
| <b>Storm Sewer Trunk Lines</b>                     | \$4,443,039.00         |
| <b>Detention And Retention Facilities - Pond 1</b> | \$475,500.00           |
| <b>Detention And Retention Facilities - Pond 2</b> | \$853,000.00           |
| <b>Detention And Retention Facilities - Pond 3</b> | \$85,750.00            |
| <b>Detention And Retention Facilities - Pond 4</b> | \$121,900.00           |
| <b>Detention And Retention Facilities - Pond 5</b> | \$186,050.00           |
| <b>Stream Bank Protection</b>                      | \$339,000.00           |
| <b>Landscape And Hardscape</b>                     | \$2,070,000.00         |
| <b>Contingencies (30%)</b>                         | \$2,572,272.00         |
| <b>Total</b>                                       | <b>\$11,146,511.00</b> |

# Appendix A: Existing Conditions Hydrology

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Existing Conditions Drainage Map

Time of Concentration Estimates





### Worksheet for computation of time of travel according to TR-55 methodology

Blue - GIS defined, Green - user specified, White and yellow - calculated, Red - final result

| Watershed Name                                     | W2030  | W39380       | W2280        | W39280       | W1470        | W2760        | W2040        | W13690       | W2770        | W10920       | W39270       | W11950       | W26290       | W12940       | W13800       | W26450      | W39230       |
|--|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|--------------|
| Watershed ID                                       | Sub7   | Sub9         | Sub17        | Sub8         | Sub5         | Sub16        | Sub1         | Sub10        | Sub6         | Sub4         | Sub12        | Sub3         | Sub14        | Sub13        | Sub2         | Sub15       | Sub8         |
| <b>Sheet Flow Characteristics</b>                  |  |              |              |              |              |              |              |              |              |              |              |              |              |              |              |             |              |
| Manning's Roughness Coefficient                    | 0.1  | 0.1          | 0.1          | 0.17         | 0.1          | 0.17         | 0.15         | 0.1          | 0.1          | 0.17         | 0.1          | 0.17         | 0.1          | 0.15         | 0.17         | 0.011       | 0.15         |
| Flow Length (ft)                                   | 100  | 100          | 100          | 100.0002     | 100.0003     | 100.0002     | 99.9998      | 100          | 99.9999      | 100          | 83.13        | 99.9998      | 100          | 99.9998      | 100.0001     | 100         | 118          |
| Two-Year 24-hour Rainfall (in)                     | 3.6  | 3.6          | 3.6          | 3.6          | 3.6          | 3.6          | 3.6          | 3.6          | 3.6          | 3.6          | 3.6          | 3.6          | 3.6          | 3.6          | 3.6          | 3.6         | 3.6          |
| Land Slope (ft/ft)                                 | 0.05   | 0.01         | 0.03         | 0.025        | 0.01         | 0.01         | 0.005        | 0.01         | 0.1312       | 0.01         | 0.006        | 0.005        | 0.01         | 0.005        | 0.002        | 0.02        | 0.02542      |
| <b>Sheet Flow Tt (hr)</b>                          | 0.08   | 0.15         | 0.09         | 0.16         | 0.15         | 0.22         | 0.27         | 0.15         | 0.05         | 0.22         | 0.16         | 0.30         | 0.15         | 0.27         | 0.43         | 0.02        | 0.16         |
| <b>Shallow Concentrated Flow Characteristics</b>   |  |              |              |              |              |              |              |              |              |              |              |              |              |              |              |             |              |
| Surface Description (1 - unpaved, 2 - paved)       | 1  | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 2            | 1            | 1            | 2           | 1            |
| Flow Length (ft)                                   | 2311   | 2589         | 4028         | 2309.4053    | 2275.8262    | 2470.1038    | 1300         | 1026.03      | 2929.2586    | 3318.5       | 1300         | 3259.9       | 760.3        | 1011.867     | 3119.94      | 230.05      | 3456.45      |
| Watercourse Slope (ft/ft)                          | 0.0167   | 0.01824      | 0.0216       | 0.023        | 0.00835      | 0.0154       | 0.005        | 0.2924       | 0.0143       | 0.0127       | 0.01384      | 0.01334      | 0.025        | 0.0106       | 0.01083      | 0.00558     | 0.02358      |
| Average Velocity - computed (ft/s)                 | 2.09   | 2.18         | 2.37         | 2.45         | 1.47         | 2.00         | 1.14         | 8.72         | 1.93         | 1.82         | 1.90         | 1.86         | 3.21         | 1.66         | 1.68         | 1.52        | 2.48         |
| <b>Shallow Concentrated Flow Tt (hr)</b>           | 0.31   | 0.33         | 0.47         | 0.26         | 0.43         | 0.34         | 0.32         | 0.03         | 0.42         | 0.51         | 0.19         | 0.49         | 0.07         | 0.17         | 0.52         | 0.04        | 0.39         |
| <b>Channel Flow Characteristics</b>                |  |              |              |              |              |              |              |              |              |              |              |              |              |              |              |             |              |
| Cross-sectional Flow Area (ft2)                    | 20   | 20           | 20           | 20           | 20           | 20           | 20           | 20           | 20           | 20           | 20           | 20           | 20           | 20           | 20           | 20          | 20           |
| Wetted Perimeter (ft)                              | 20   | 20           | 20           | 20           | 20           | 20           | 20           | 20           | 20           | 20           | 20           | 20           | 20           | 20           | 20           | 20          | 20           |
| Hydraulic Radius - computed (ft)                   | 1.00   | 1.00         | 1.00         | 1.00         | 1.00         | 1.00         | 1.00         | 1.00         | 1.00         | 1.00         | 1.00         | 1.00         | 1.00         | 1.00         | 1.00         | 1.00        | 1.00         |
| Channel Slope (ft/ft)                              | 0.0189   | 0.0217       | 0.00615      | 0.0095       | 0.0093       | 0.0245       | 0.01154      | 0.01215      | 0.0117       | 0.0107       | 0.021        | 0.0399       | 0.0133       | 0.014        | 0.0109       | 0.00568     | 0.00685      |
| Manning's Roughness Coefficient                    | 0.04   | 0.04         | 0.05         | 0.06         | 0.04         | 0.06         | 0.04         | 0.06         | 0.04         | 0.06         | 0.04         | 0.06         | 0.04         | 0.05         | 0.04         | 0.07        | 0.013        |
| Average Velocity - computed (ft/s)                 | 5.12   | 5.49         | 2.34         | 2.42         | 3.59         | 3.89         | 4.00         | 2.74         | 4.03         | 3.85         | 3.60         | 7.44         | 3.44         | 4.41         | 2.22         | 8.64        | 2.47         |
| Flow Length (ft)                                   | 1704   | 1292         | 3575         | 647.52       | 107.2221     | 2246.3652    | 6238         | 2139.442     | 2656.3795    | 561.8        | 3051         | 175.5        | 1507.2       | 2001.4       | 3748.6       | 5809.4      | 2117.52      |
| <b>Channel Flow Tt (hr)</b>                        | 0.09   | 0.07         | 0.42         | 0.07         | 0.01         | 0.16         | 0.43         | 0.22         | 0.18         | 0.04         | 0.24         | 0.01         | 0.12         | 0.13         | 0.47         | 0.19        | 0.24         |
| <b>Watershed Time of travel (hr)</b>               | <b>0.48</b>  | <b>0.54</b>  | <b>0.99</b>  | <b>0.49</b>  | <b>0.58</b>  | <b>0.73</b>  | <b>1.02</b>  | <b>0.40</b>  | <b>0.66</b>  | <b>0.77</b>  | <b>0.58</b>  | <b>0.79</b>  | <b>0.33</b>  | <b>0.56</b>  | <b>1.41</b>  | <b>0.25</b> | <b>0.79</b>  |
| Number of watersheds                               | 28   |              |              |              |              |              |              |              |              |              |              |              | half paved   |              |              |             |              |
| MXD Path   | Sloan.mxd  | 23           | 23           | 82           | 22           | 82           | 22           | 23           | 23           | 42           | 23           | 42/82        | 23           | 71           | 42           | 23          | 71           |
| Stored workbook                                    |  |              |              |              |              |              |              |              |              |              |              |              |              |              |              |             |              |
| \$AVHOME directory                                 |  |              |              |              |              |              |              |              |              |              |              |              |              |              |              |             |              |
| Name of the table to store the results of the calc | Subbasin480  |              |              |              |              |              |              |              |              |              |              |              |              |              |              |             |              |
| Workspace path                                     | ering by Discipline\Drainage\SloanCreek\SloanCreek.gdb |              |              |              |              |              |              |              |              |              |              |              |              |              |              |             |              |
| <b>CN lag time (Minutes)</b>                       | <b>17.19</b>   | <b>19.52</b> | <b>35.69</b> | <b>17.72</b> | <b>21.02</b> | <b>26.20</b> | <b>36.63</b> | <b>14.28</b> | <b>23.66</b> | <b>27.79</b> | <b>20.92</b> | <b>28.40</b> | <b>12.04</b> | <b>20.28</b> | <b>50.84</b> | <b>8.93</b> | <b>28.28</b> |

# Appendix B: Photolog

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# Main Stream



Looking upstream/4 barrel box culvert

Upstream 24980.5



Looking downstream/Left bank

Upstream 24980.5



Downstream 24866

Looking upstream



Downstream 24980.5

Looking upstream/Right bank



Looking upstream

Downstream 24866



Looking upstream

Downstream 24866



Looking upstream

Downstream 24689.2



Looking upstream

Downstream 24689.2





Downstream 24571.4

Looking upstream



Downstream 24689.2

Looking downstream



Looking upstream/Left bank

Downstream 24571.4



Looking upstream/Left bank

Downstream 24373.8



Looking upstream

Downstream 24373.8



Looking upstream/Right bank

Downstream 24373.8



Downstream 24373.8

Looking upstream/Left bank



Downstream 24373.8

Looking upstream/Right bank



Downstream 24124.7



Downstream 24183.8



Looking upstream

Downstream 24124.7



Looking downstream/Right bank

Downstream 24124.7



Downstream 24124.7



Downstream 24124.7



Downstream 24124.7



Downstream 24124.7





Looking downstream

Downstream 24124.7



Looking downstream/Left bank

Downstream 24124.7



Downstream 23991.7



Downstream 24124.7



Looking upstream/Right bank

Downstream 23991.7



Looking downstream

Downstream 23991.7



Downstream 23807.2

Looking upstream/Left bank



Downstream 23991.7



Downstream 23702.4

Looking downstream



Downstream 23807.2



Looking upstream

Downstream 23702.4



Looking downstream

Downstream 23702.4



Downstream 23528.8



Downstream 23702.4

Looking downstream/Left bank



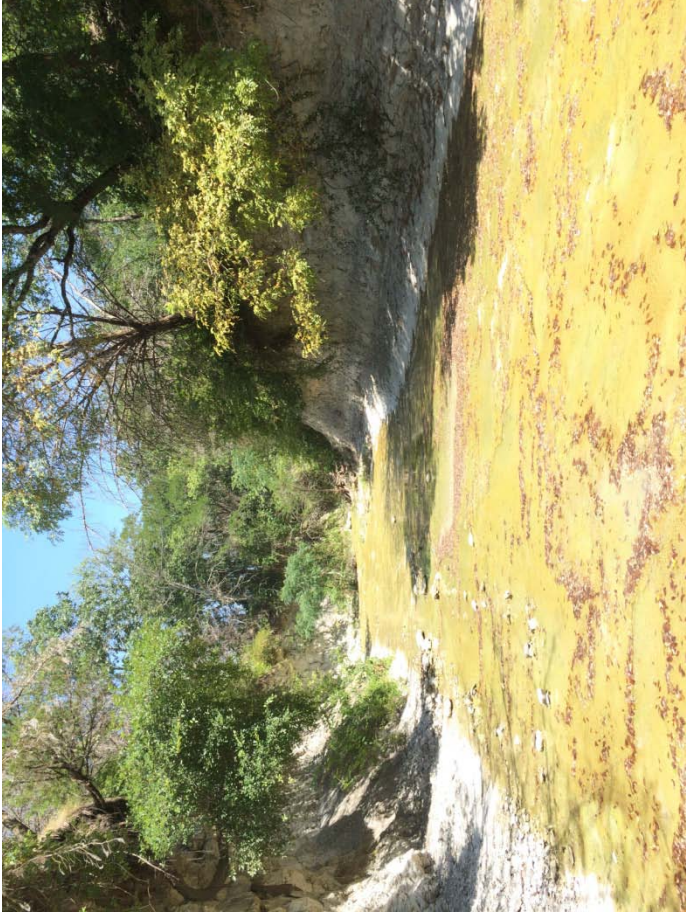
Downstream 23528.8



Looking upstream

Downstream 23360.9





Looking upstream

Downstream 23240.9



Looking upstream

Downstream 23240.9



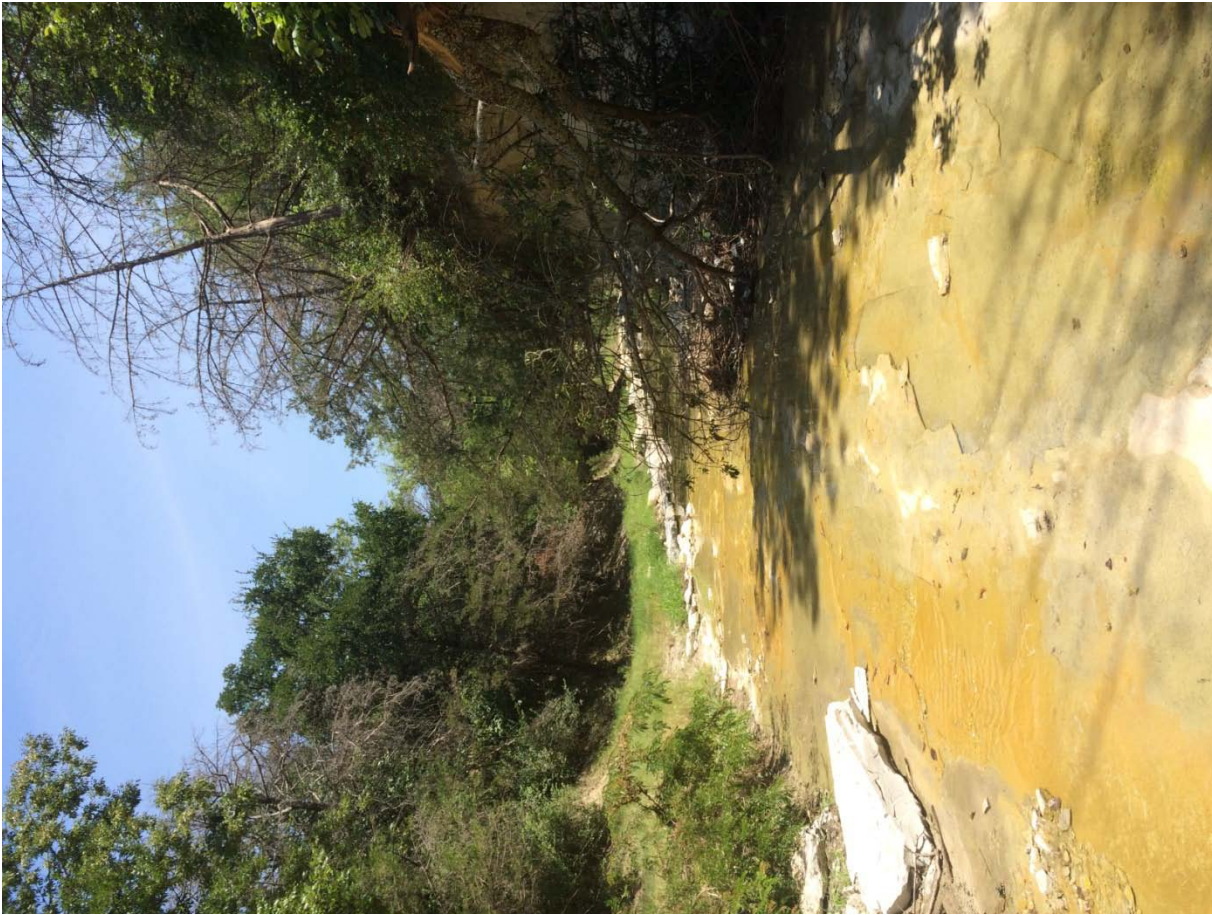
Looking downstream/Junction

Downstream 23240.9



Looking upstream

Downstream 23059.2



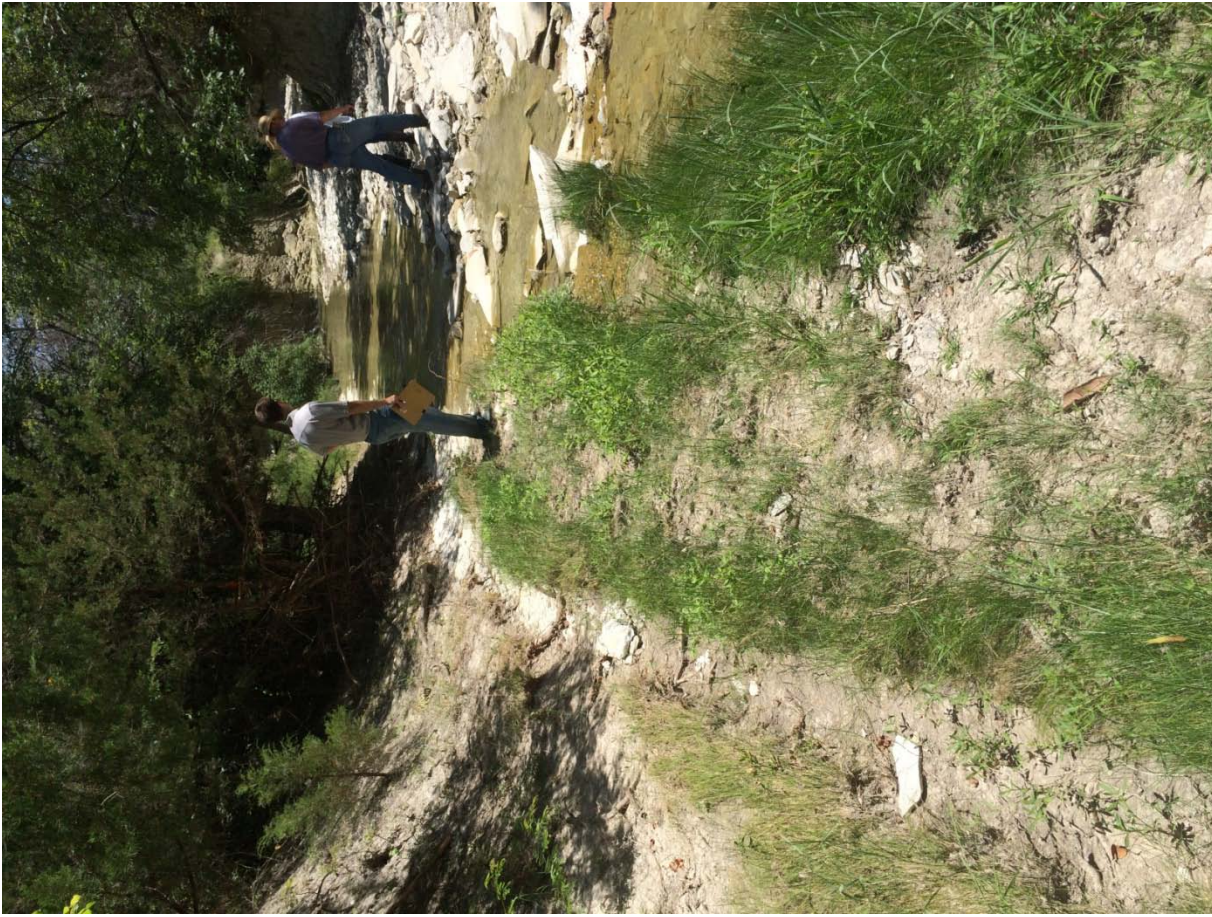
Downstream 23059.2

Looking downstream



Downstream 23059.2

Looking upstream



Downstream 22894.5

Looking downstream



Downstream 23059.2

Looking downstream



Downstream 22894.5



Downstream 22894.5

Looking upstream



Looking downstream

Downstream 22894.5



Looking downstream

Downstream 22786.7



Looking downstream

Downstream 22786.7



Looking upstream/Right bank

Downstream 22786.7



Looking downstream

Downstream 22542.7



Left bank

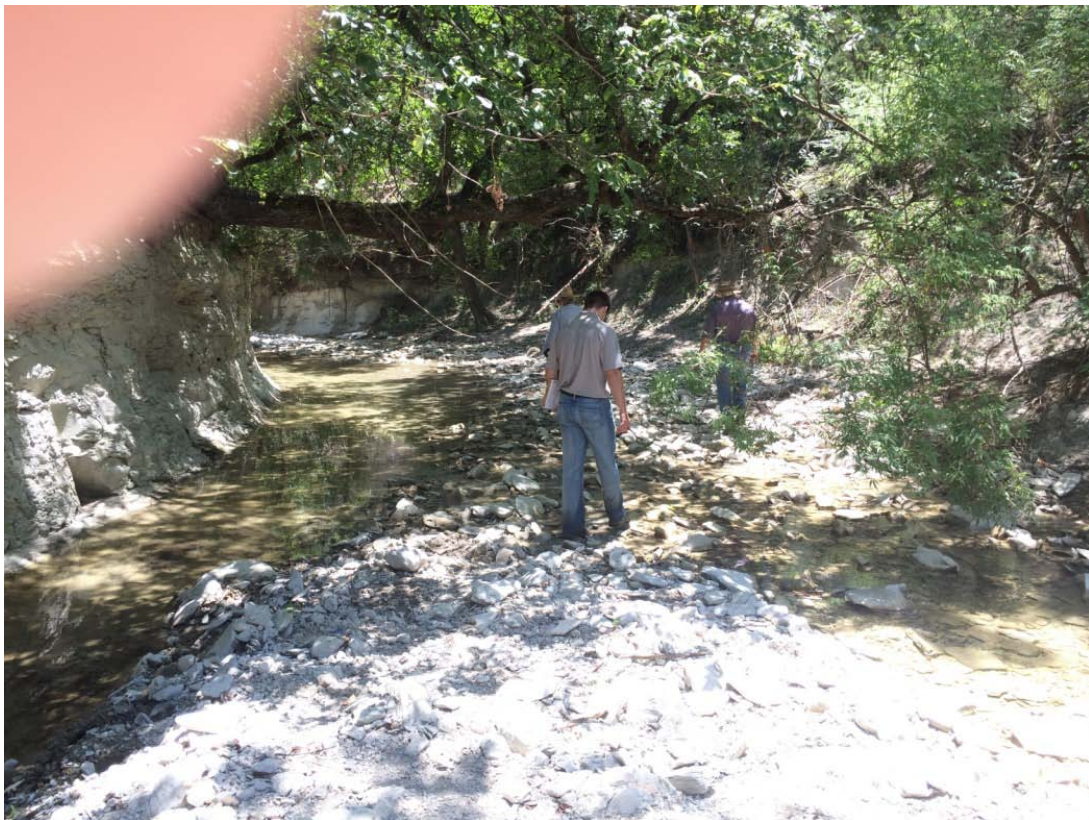
Downstream 22542.7





Looking upstream

Downstream 22542.7



Looking downstream

Downstream 22542.7



Looking downstream/Right bank

Downstream 22542.7



Looking downstream/Right bank

Downstream 22542.7



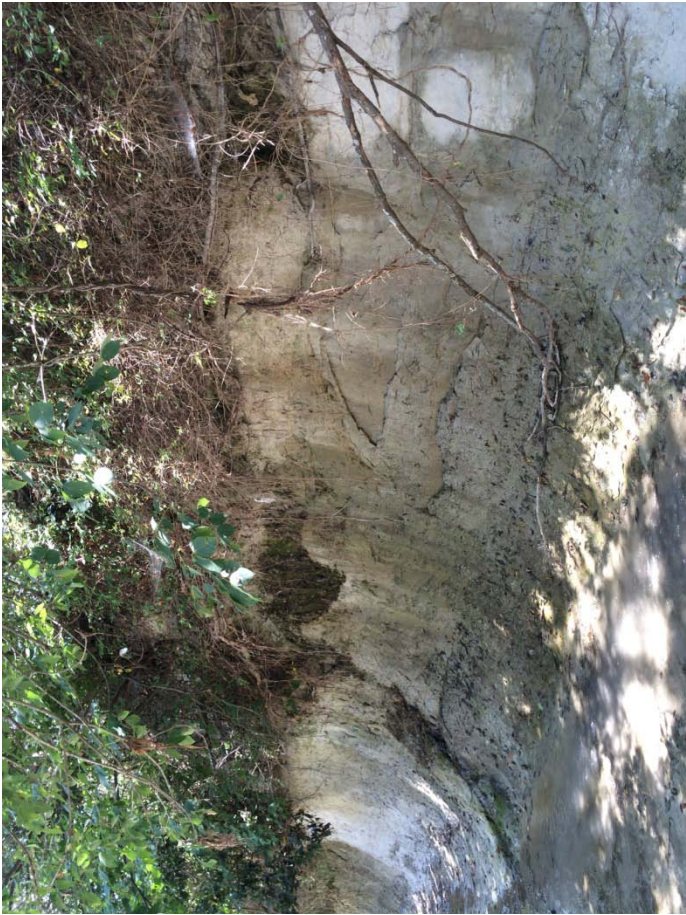
Looking downstream

Downstream 22542.7



Looking downstream

Downstream 22542.7



Looking downstream

Downstream 22387.9



Right bank

Downstream 22387.9



Looking downstream

Downstream 22325.7



Looking downstream/Tributary

Downstream 22325.7



Downstream 22325.7

Tributary



Downstream 22325.7

Tributary



Looking downstream

Downstream 22325.7



Tributary

Downstream 22325.7



Downstream 22175.2

Looking downstream/Railroad bridge



Downstream 22175.2

Looking downstream





Downstream 22135.3

Looking downstream



Downstream 22135.3

Looking downstream



Looking upstream/Right bank

Downstream 22009.5



Looking upstream/Right bank

Downstream 22009.5



Looking downstream

Downstream 22009.5



Right bank

Downstream 22009.5



Downstream 21891.1

Looking downstream



Downstream 21891.1

Looking downstream



Looking downstream

Downstream 21891.1



Looking downstream/1 barrel box culvert with wing walls

Downstream 21694.7



Looking upstream

Downstream 21694.7



Looking downstream/1 barrel box culvert with wing walls/There is an outlet pipe to the left of the top left corner of the box culvert

Downstream 21694.7



Looking downstream

Downstream 21694.7



Looking downstream/1 barrel box culvert

Downstream 21694.7



Downstream 21694.7

Looking downstream



Downstream 21694.7

Looking downstream





Downstream 21542.4

Looking downstream/Right bank



Downstream 21694.7

Looking upstream



Downstream 21542.4

Looking downstream



Downstream 21542.4

Looking downstream/Left bank



Downstream 21339.4

Looking downstream



Downstream 21339.4

Left bank



Looking downstream

Downstream 21339.4



Downstream 21339.4



Looking downstream

Downstream 21073.3

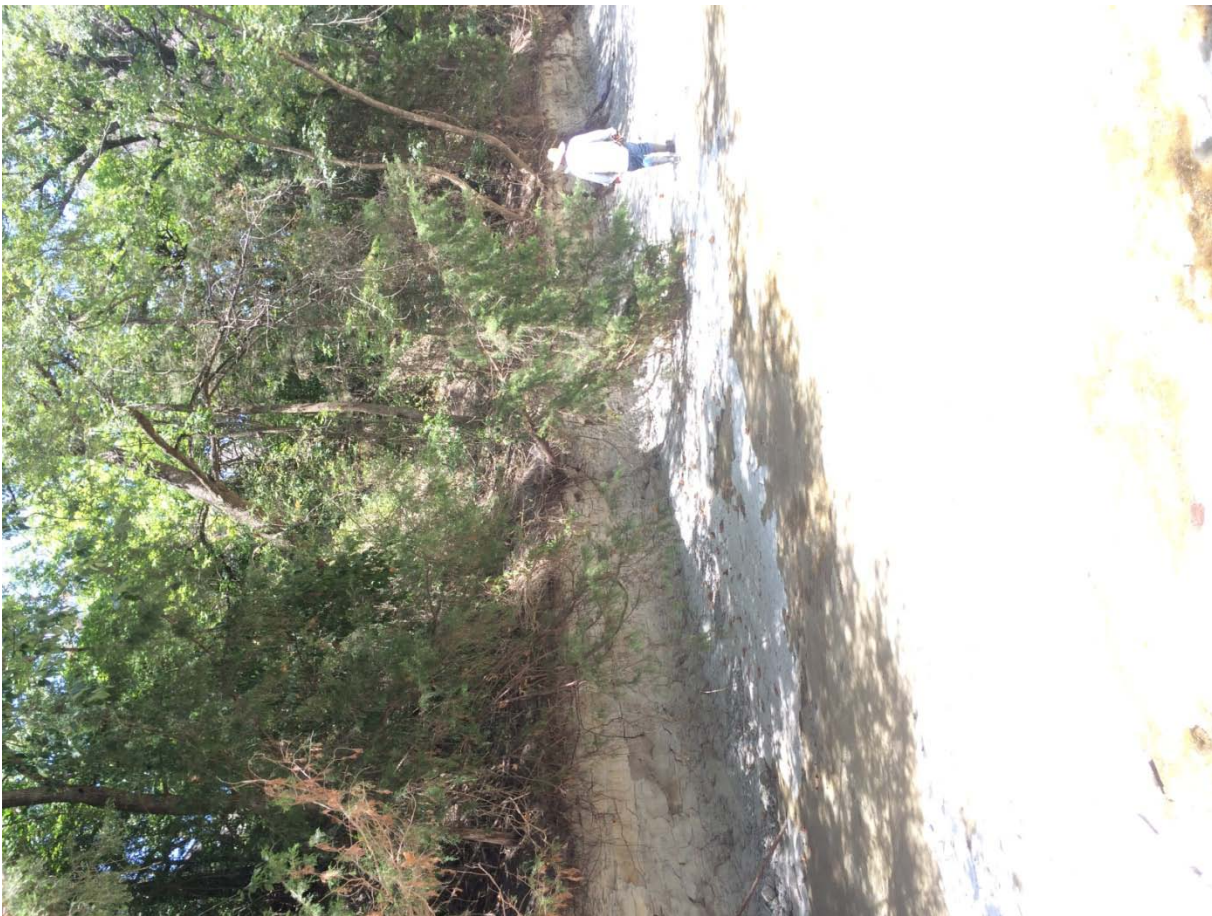


Downstream 21176.6



Looking downstream/Right bank

Downstream 21073.3

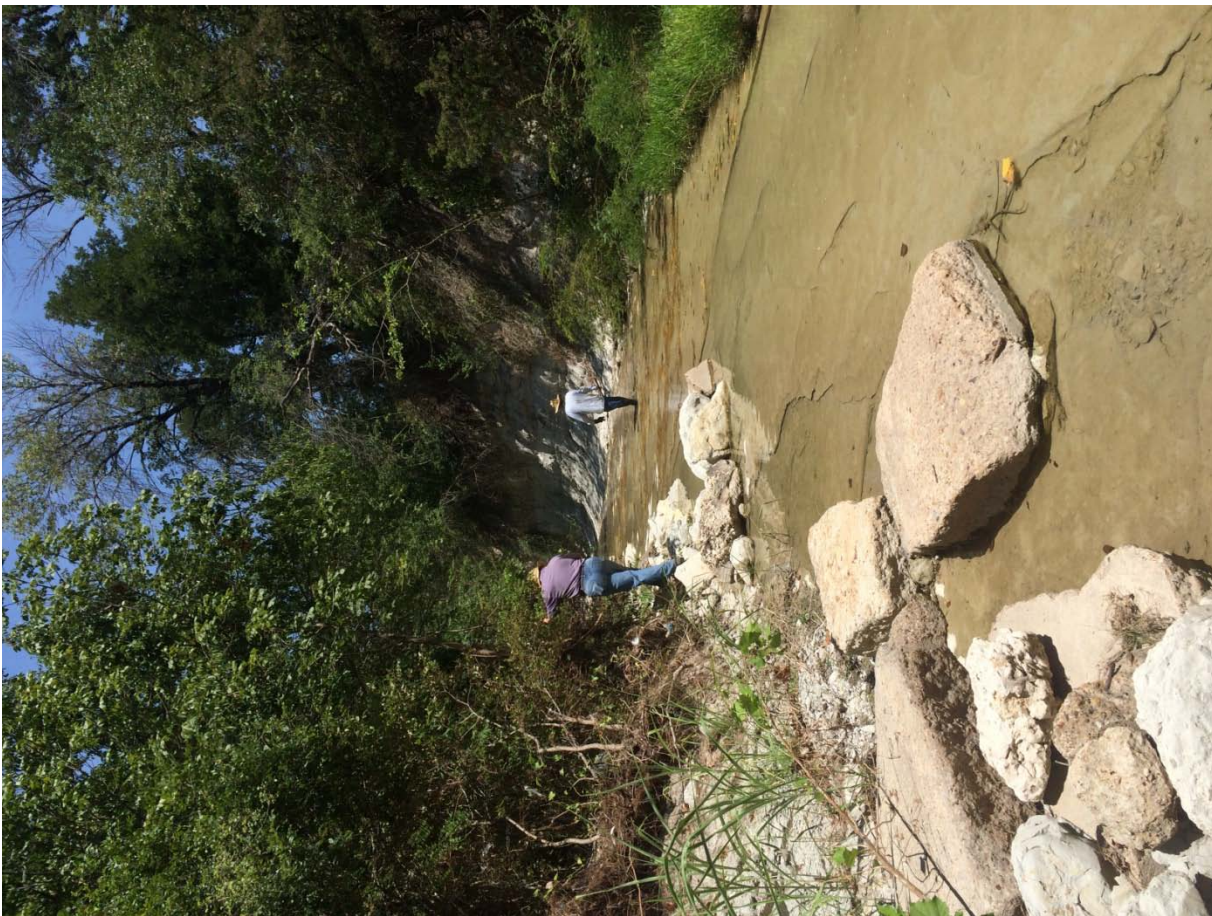


Looking downstream/Left bank

Downstream 21073.3



Downstream 20571.1



Downstream 20837.6

Looking downstream



Looking downstream

Downstream 20455.8



Downstream 20301.8





Looking upstream

Downstream 20001.7



Looking downstream

Downstream 20001.7



Looking downstream

Downstream 19851.7



Looking downstream

Downstream 19851.7



Downstream 19670.8

Tributary



Downstream 19851.7



Looking downstream

Downstream 19670.8



Looking downstream

Downstream 19577.9



Looking downstream

Downstream 19577.9



Downstream 19441.7



Downstream 19102.1



Downstream 19441.7

Left bank



Looking downstream

Downstream 18882



Right bank

Downstream 18729.5



Looking downstream/Left bank

Downstream 18585.6



Looking downstream/Left bank

Downstream 18585.6





Downstream 18585.6

Looking downstream/Left bank



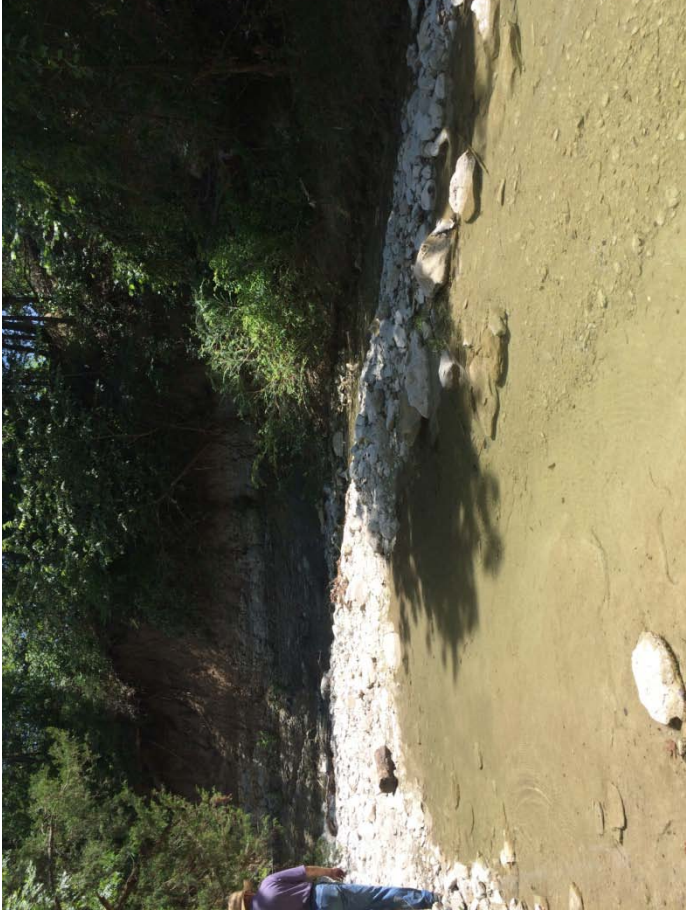
Downstream 18585.6

Looking downstream/Left bank



Looking downstream

Downstream 18445.8



Looking downstream/J-Hook Rock Vane

Downstream 18445.8



Looking upstream

Downstream 18187.8



Looking downstream

Downstream 18187.8



Downstream 13685.6



Looking upstream

Downstream 13685.6



Downstream 13685.6



Looking upstream

Downstream 13685.6



Looking upstream/Collapsed bridge

Downstream 13685.6



Downstream 13616.6



Downstream 10777.6



Overtopping of the banks

Downstream 10423.9



Downstream 10096

Looking upstream



Downstream 10423.9

Left bank looking across to the right bank





Downstream 9974.38

Looking downstream

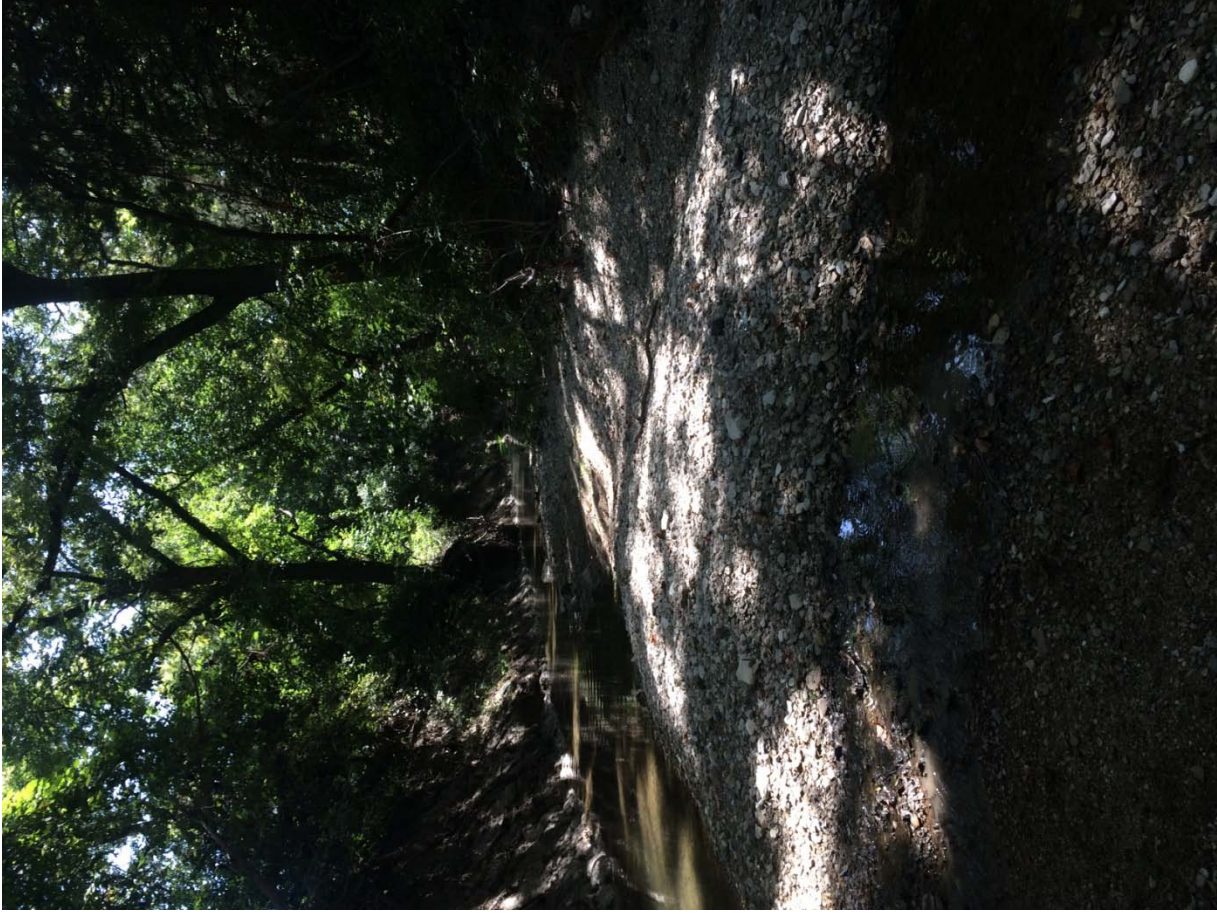


Downstream 9974.38



Looking upstream

Downstream 9974.38



Looking upstream

Downstream 9974.38



Some building on property near the stream is built on stilts

Downstream 9974.38



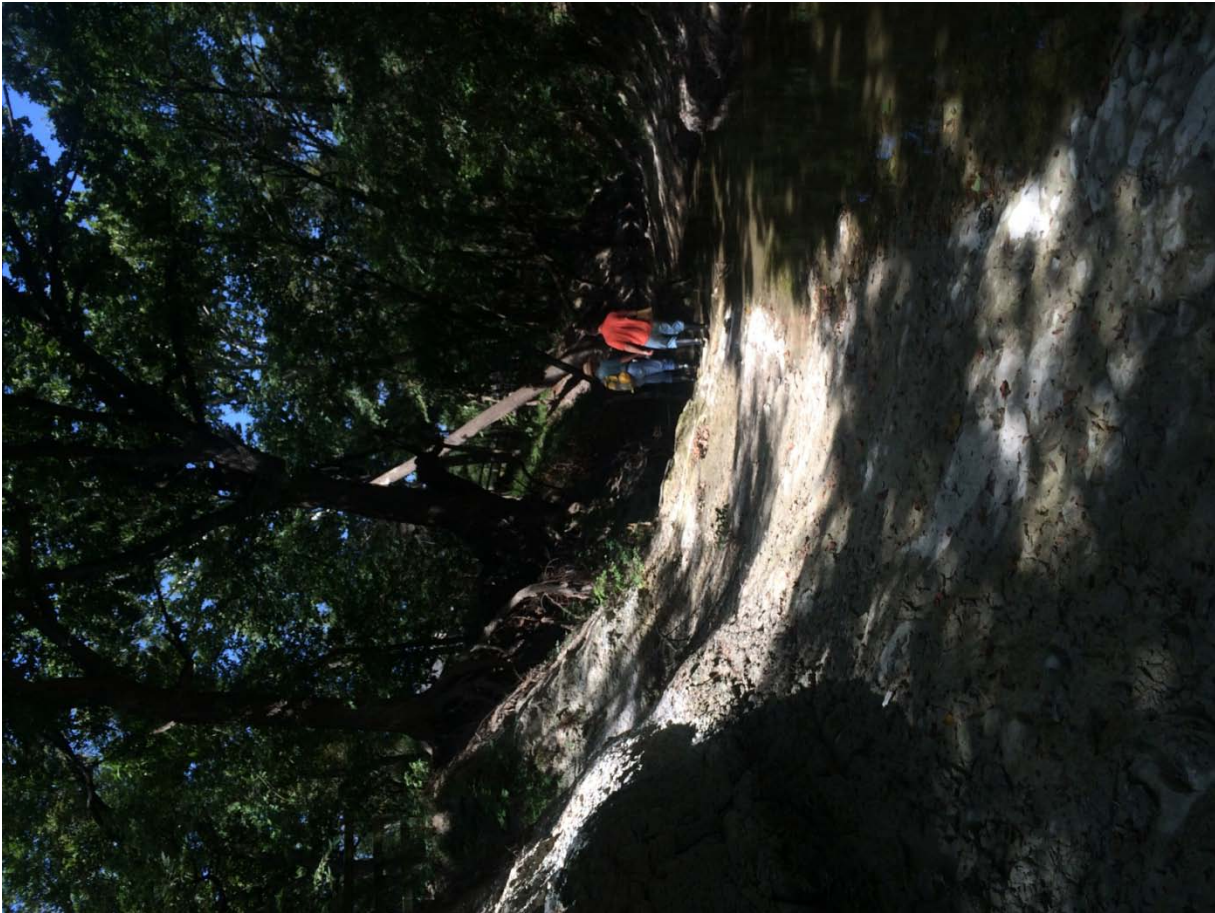
Evidence of stream overtopping the bank

Downstream 9974.38



Looking upstream/Right bank

Downstream 9537.37



Looking upstream/Right bank

Downstream 9537.37



Looking upstream

Downstream 9091.72



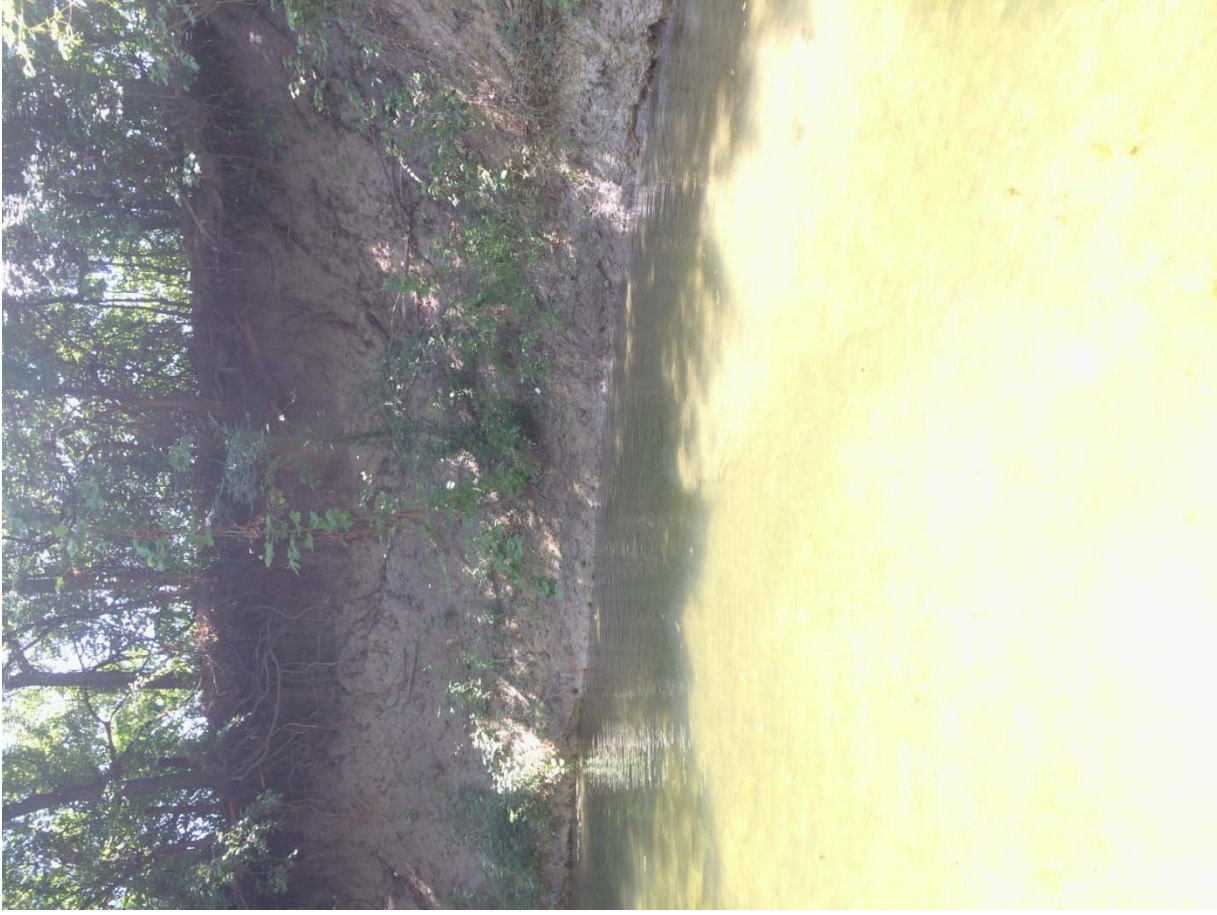
Looking upstream/Right bank

Downstream 9091.72



Erosion beneath the bridge

Downstream 9091.72



Looking downstream/Right bank

Downstream 8729.56



Looking downstream

Downstream 8729.56



Looking downstream

Downstream 8729.56



Downstream 8121.48

Looking downstream



Downstream 8121.48





Downstream 6108.03

Looking downstream



Downstream 6855.11

Looking downstream



Downstream 5907.17

Looking downstream



Downstream 6108.03

Looking downstream



Downstream 5436.67

Looking downstream



Downstream 5610.26

Looking upstream

## Side stream by Bush Road



Looking downstream/Left bank

Upstream 1730.41



Looking downstream

Upstream 1730.41



Looking upstream/4 barrel box culvert

Upstream 1730.41



Looking downstream/Right bank

Upstream 1730.41



Looking upstream

Downstream 1730.41



Downstream 1730.41



Downstream 1584.72



Downstream 1584.72





Downstream 1480.89



Downstream 1584.72

Looking downstream



Downstream 1480.89

Looking downstream



Downstream 1480.89



Looking downstream

Downstream 1480.89



Left bank

Downstream 1480.89



Downstream 1480.89



Downstream 1480.89



Downstream 1150.45



Downstream 1150.45



Left bank

Downstream 1150.45



Looking downstream/Right bank

Downstream 1150.45



Downstream 1150.45



Downstream 1150.45

Right bank



Downstream 771.195



Downstream 771.195





Looking downstream

Downstream 771.195



Looking downstream/Right bank

Downstream 771.195



Downstream 771.195



Downstream 771.195

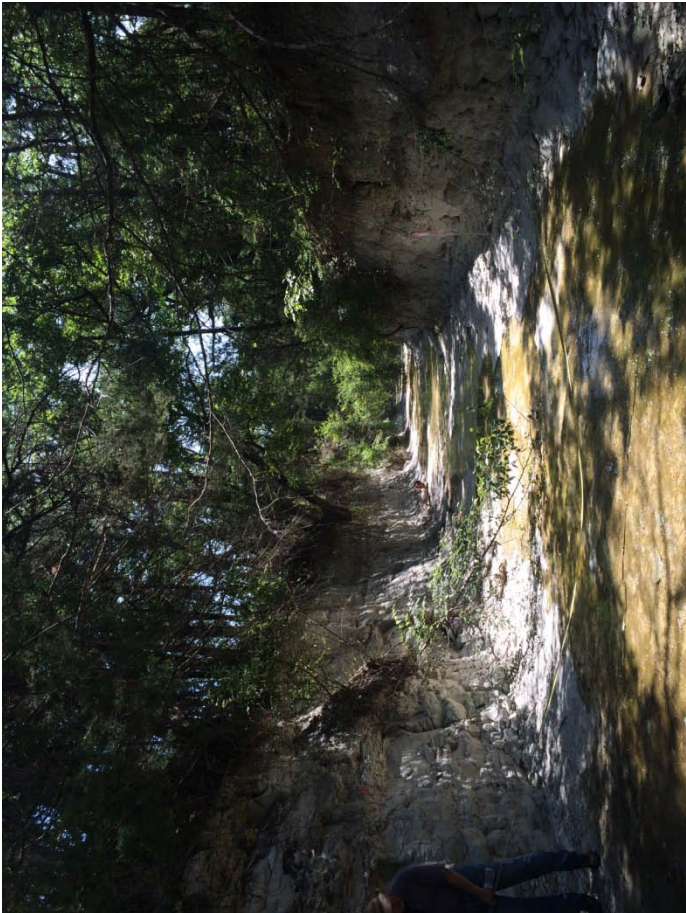


Downstream 596.693



Downstream 596.693

Left bank



Looking downstream

Downstream 596.693



Looking downstream/Right bank

Downstream 596.693



Downstream 400.24

Looking downstream/Left bank



Downstream 400.424

Looking downstream

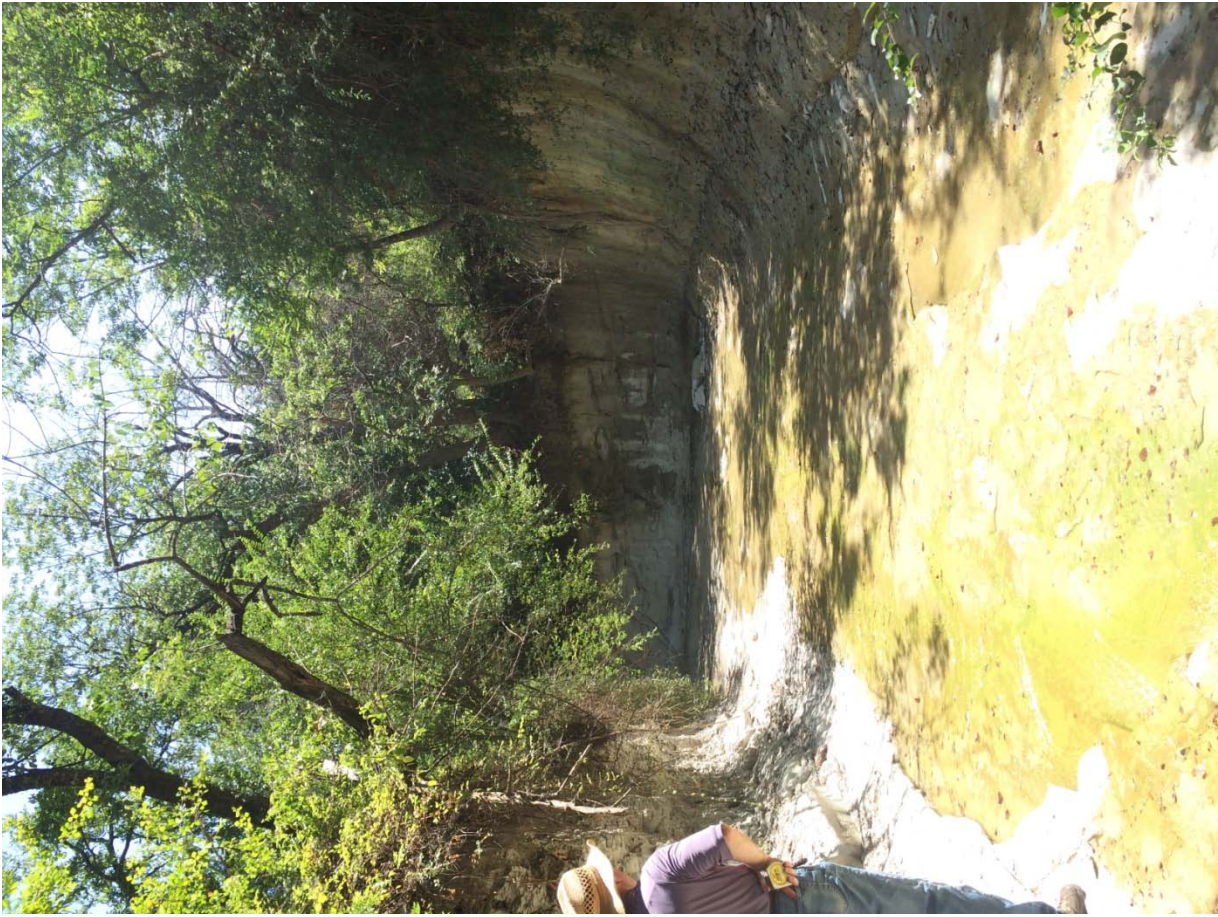


Downstream 280.765

Looking downstream/Right bank



Downstream 400.24



Downstream 280.765

Looking downstream



Downstream 280.765



Looking downstream

Downstream 280.765



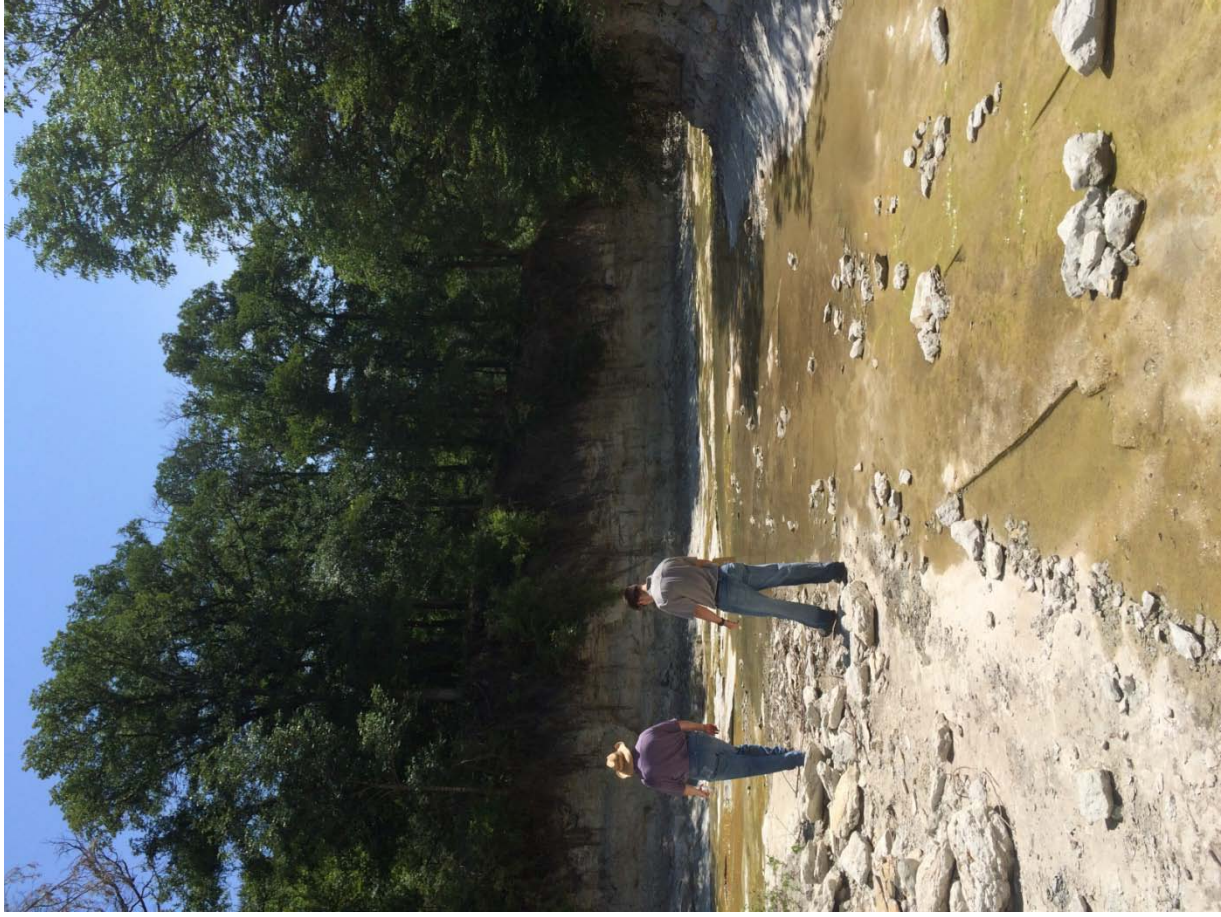
Looking downstream

Downstream 280.765





Downstream 178.006



Looking downstream/Confluence

Downstream 178.006



Looking downstream

Downstream 178.006

Side stream parallel to railroad tracks,  
starts at Fairview Pkwy and Fairview  
Village Rd



Looking downstream

Upstream 5731.34



Looking downstream

Upstream 5731.34



Looking downstream/Extremely dense brush      Downstream 5382.12



Looking upstream

Downstream 4736.93



Looking upstream

Downstream 4736.93



Looking downstream

Downstream 4736.93



West of 4400.61



Downstream 4736.93

Looking upstream



West of 4400.61



West of 4400.61





Box culvert under the railroad tracks West of 4400.61



Looking downstream West of 4400.61



Box culvert running under railroad tracks

West of 4400.61



1 of 2 box culverts under the railroad tracks

West of 4400.61



Downstream 3724.46



Downstream 3724.46



Downstream 2861.58



Tributary

Downstream 2861.58



Downstream 1849.88



Downstream 1849.88

Looking downstream



Looking downstream

Downstream 553.204



# Appendix C: Baseline Hydraulics/ Geomorphology

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Topographic Workmap

HEC-RAS Hydraulic Summary Data





| Reach           | REACH AVERAGE SUMMARY |              |           |          |
|-----------------|-----------------------|--------------|-----------|----------|
|                 | Froude # Chl          | Max Chl Dpth | Top Width | Vel Chnl |
|                 | 1% AEP                |              |           |          |
| Sloan Creek 1   | 0.59                  | 6.5          | 44        | 6.6      |
| Sloan Creek 2   | 0.12                  | 19.1         | 109       | 2.7      |
| Sloan Creek 3.1 | 0.15                  | 24.5         | 230       | 3.6      |
| Sloan Creek 3.2 | 0.55                  | 12.3         | 63        | 9.6      |
| Sloan Creek 3.3 | 0.38                  | 16.0         | 557       | 7.6      |
| Tributary 1     | 0.54                  | 7.7          | 43        | 6.0      |
| Tributary 2     | 0.87                  | 4.3          | 55        | 8.2      |
| Tributary 4.1   | 0.68                  | 6.0          | 107       | 7.9      |
| Tributary 4.2   | 0.09                  | 19.5         | 100       | 2.0      |
| Reach           | 50% AEP               |              |           |          |
| Sloan Creek 1   | 0.72                  | 2.8          | 34        | 5.6      |
| Sloan Creek 2   | 0.49                  | 5.2          | 38        | 5.1      |
| Sloan Creek 3.1 | 0.22                  | 10.4         | 58        | 3.4      |
| Sloan Creek 3.2 | 0.58                  | 5.8          | 49        | 7.0      |
| Sloan Creek 3.3 | 0.34                  | 9.1          | 257       | 4.8      |
| Tributary 1     | 0.58                  | 3.5          | 31        | 4.6      |
| Tributary 2     | 0.86                  | 2.4          | 31        | 5.9      |
| Tributary 4.1   | 0.68                  | 3.5          | 55        | 5.8      |
| Tributary 4.2   | 0.34                  | 5.7          | 41        | 3.4      |

| Reach                     | RS    | 100 YR-Froude # Chl | 100 YR-Max Chl Dpth | 100 YR-Top Width | 100 YR-Vel Chnl |
|---------------------------|-------|---------------------|---------------------|------------------|-----------------|
| Sloan Creek 1             | 24980 | 0.18                | 8.2                 | 86               | 2.5             |
| Sloan Creek 1             | 24866 | 0.59                | 5.3                 | 37               | 7.1             |
| Sloan Creek 1             | 24689 | 0.80                | 4.9                 | 44               | 8.2             |
| Sloan Creek 1             | 24571 | 0.77                | 4.8                 | 45               | 7.9             |
| Sloan Creek 1             | 24374 | 0.47                | 6.9                 | 50               | 5.5             |
| Sloan Creek 1             | 24184 | 1.00                | 5.2                 | 29               | 11.0            |
| Sloan Creek 1             | 24125 | 1.00                | 4.4                 | 37               | 10.1            |
| Sloan Creek 1             | 23992 | 0.60                | 5.5                 | 49               | 6.5             |
| Sloan Creek 1             | 23807 | 1.01                | 4.2                 | 30               | 10.9            |
| Sloan Creek 1             | 23702 | 0.77                | 4.2                 | 49               | 7.7             |
| Sloan Creek 1             | 23529 | 0.28                | 8.2                 | 41               | 4.2             |
| Sloan Creek 1             | 23412 | 0.34                | 7.9                 | 42               | 4.7             |
| Sloan Creek 1             | 23361 | 0.21                | 9.9                 | 43               | 3.4             |
| Sloan Creek 1             | 23241 | 0.19                | 11.9                | 41               | 3.2             |
| Sloan Creek 1<br>AVERAGE: |       | <b>0.59</b>         | <b>6.5</b>          | <b>44</b>        | <b>6.6</b>      |
| Sloan Creek 2             | 23059 | 0.22                | 13.7                | 60               | 4.1             |

| Reach                           | RS    | 100 YR-Froude # Chl | 100 YR-Max Chl Dpth | 100 YR-Top Width | 100 YR-Vel Chnl |
|---------------------------------|-------|---------------------|---------------------|------------------|-----------------|
| Sloan Creek 2                   | 22895 | 0.13                | 15.7                | 93               | 2.8             |
| Sloan Creek 2                   | 22787 | 0.18                | 15.6                | 89               | 3.5             |
| Sloan Creek 2                   | 22660 | 0.12                | 17.6                | 107              | 2.8             |
| Sloan Creek 2                   | 22543 | 0.13                | 17.6                | 111              | 3.0             |
| Sloan Creek 2                   | 22388 | 0.10                | 19.6                | 97               | 2.4             |
| Sloan Creek 2                   | 22326 | 0.09                | 21.6                | 127              | 1.9             |
| Sloan Creek 2                   | 22175 | 0.08                | 21.6                | 134              | 1.9             |
| Sloan Creek 2                   | 22135 | 0.09                | 23.5                | 148              | 2.3             |
| Sloan Creek 2                   | 22009 | 0.15                | 20.7                | 70               | 3.5             |
| Sloan Creek 2                   | 21891 | 0.08                | 22.8                | 162              | 2.0             |
| <b>Sloan Creek 2 AVERAGE:</b>   |       | <b>0.12</b>         | <b>19.1</b>         | <b>109</b>       | <b>2.7</b>      |
| Sloan Creek 3.1                 | 21695 | 0.15                | 24.5                | 141              | 3.9             |
| Sloan Creek 3.1                 | 21542 | 0.14                | 24.5                | 319              | 3.4             |
| <b>Sloan Creek 3.1 AVERAGE:</b> |       | <b>0.15</b>         | <b>24.5</b>         | <b>230</b>       | <b>3.6</b>      |
| Sloan Creek 3.2                 | 21430 | 0.88                | 7.4                 | 68               | 12.3            |
| Sloan Creek 3.2                 | 21339 | 0.72                | 8.8                 | 60               | 11.2            |
| Sloan Creek 3.2                 | 21177 | 0.50                | 10.6                | 79               | 8.6             |
| Sloan Creek 3.2                 | 21073 | 0.56                | 11.8                | 64               | 10.3            |
| Sloan Creek 3.2                 | 20985 | 0.52                | 11.7                | 54               | 9.3             |
| Sloan Creek 3.2                 | 20838 | 0.54                | 13.2                | 64               | 9.0             |
| Sloan Creek 3.2                 | 20696 | 0.47                | 12.8                | 58               | 8.5             |
| Sloan Creek 3.2                 | 20571 | 0.49                | 12.2                | 53               | 9.0             |
| Sloan Creek 3.2                 | 20456 | 0.73                | 10.4                | 45               | 12.4            |
| Sloan Creek 3.2                 | 20385 | 0.69                | 10.8                | 46               | 11.9            |
| Sloan Creek 3.2                 | 20302 | 0.69                | 11.4                | 49               | 11.6            |
| Sloan Creek 3.2                 | 20138 | 0.55                | 11.3                | 68               | 8.9             |
| Sloan Creek 3.2                 | 20002 | 0.70                | 11.5                | 72               | 12.6            |
| Sloan Creek 3.2                 | 19852 | 0.49                | 11.7                | 64               | 8.9             |
| Sloan Creek 3.2                 | 19671 | 0.54                | 12.8                | 80               | 10.5            |
| Sloan Creek 3.2                 | 19578 | 0.36                | 13.3                | 79               | 6.4             |
| Sloan Creek 3.2                 | 19442 | 0.56                | 11.9                | 53               | 9.9             |
| Sloan Creek 3.2                 | 19272 | 0.50                | 13.3                | 62               | 8.9             |
| Sloan Creek 3.2                 | 19102 | 0.55                | 12.5                | 56               | 9.5             |
| Sloan Creek 3.2                 | 18882 | 0.42                | 14.0                | 66               | 7.8             |
| Sloan Creek 3.2                 | 18729 | 0.43                | 13.6                | 66               | 7.7             |
| Sloan Creek 3.2                 | 18586 | 0.51                | 14.8                | 55               | 9.2             |
| Sloan Creek 3.2                 | 18446 | 0.46                | 14.5                | 74               | 9.5             |
| Sloan Creek 3.2                 | 18188 | 0.34                | 16.4                | 75               | 7.2             |
| Sloan Creek 3.2                 | 18087 | 0.46                | 14.1                | 67               | 9.1             |
| <b>Sloan Creek 3.2 AVERAGE:</b> |       | <b>0.55</b>         | <b>12.3</b>         | <b>63</b>        | <b>9.6</b>      |
| Sloan Creek 3.3                 | 17782 | 0.50                | 15.7                | 75               | 10.1            |
| Sloan Creek 3.3                 | 17681 | 0.33                | 16.0                | 84               | 6.7             |

| Reach           | RS    | 100 YR-Froude # Chl | 100 YR-Max Chl Dpth | 100 YR-Top Width | 100 YR-Vel Chnl |
|-----------------|-------|---------------------|---------------------|------------------|-----------------|
| Sloan Creek 3.3 | 17468 | 0.49                | 14.8                | 67               | 10.0            |
| Sloan Creek 3.3 | 17316 | 0.55                | 16.1                | 73               | 11.5            |
| Sloan Creek 3.3 | 17175 | 0.46                | 16.1                | 81               | 9.6             |
| Sloan Creek 3.3 | 17081 | 0.47                | 15.8                | 71               | 9.8             |
| Sloan Creek 3.3 | 16946 | 0.39                | 15.8                | 74               | 7.9             |
| Sloan Creek 3.3 | 16755 | 0.48                | 14.9                | 67               | 9.8             |
| Sloan Creek 3.3 | 16562 | 0.36                | 14.9                | 90               | 6.8             |
| Sloan Creek 3.3 | 16369 | 0.29                | 16.9                | 140              | 6.1             |
| Sloan Creek 3.3 | 16225 | 0.31                | 16.8                | 129              | 5.8             |
| Sloan Creek 3.3 | 16026 | 0.29                | 18.6                | 82               | 6.0             |
| Sloan Creek 3.3 | 15918 | 0.30                | 18.5                | 90               | 5.8             |
| Sloan Creek 3.3 | 15770 | 0.28                | 18.4                | 215              | 5.6             |
| Sloan Creek 3.3 | 15526 | 0.25                | 18.2                | 335              | 4.9             |
| Sloan Creek 3.3 | 15383 | 0.27                | 19.9                | 428              | 5.6             |
| Sloan Creek 3.3 | 15269 | 0.22                | 19.9                | 373              | 4.9             |
| Sloan Creek 3.3 | 15023 | 0.64                | 17.0                | 105              | 13.1            |
| Sloan Creek 3.3 | 14558 | 0.53                | 15.4                | 261              | 9.6             |
| Sloan Creek 3.3 | 14333 | 0.47                | 14.9                | 178              | 9.6             |
| Sloan Creek 3.3 | 14173 | 0.71                | 12.6                | 217              | 13.2            |
| Sloan Creek 3.3 | 14022 | 0.91                | 10.4                | 182              | 15.1            |
| Sloan Creek 3.3 | 13931 | 0.79                | 9.5                 | 380              | 13.2            |
| Sloan Creek 3.3 | 13722 | 0.37                | 14.2                | 179              | 7.5             |
| Sloan Creek 3.3 | 13592 | 0.36                | 20.3                | 202              | 7.9             |
| Sloan Creek 3.3 | 13448 | 0.39                | 19.9                | 134              | 8.9             |
| Sloan Creek 3.3 | 13336 | 0.48                | 20.0                | 94               | 10.4            |
| Sloan Creek 3.3 | 13079 | 0.31                | 20.9                | 275              | 6.9             |
| Sloan Creek 3.3 | 12912 | 0.48                | 19.6                | 148              | 10.7            |
| Sloan Creek 3.3 | 12688 | 0.48                | 19.2                | 166              | 10.5            |
| Sloan Creek 3.3 | 12510 | 0.31                | 19.8                | 553              | 7.1             |
| Sloan Creek 3.3 | 12247 | 0.42                | 20.6                | 493              | 9.2             |
| Sloan Creek 3.3 | 12003 | 0.32                | 20.4                | 790              | 7.0             |
| Sloan Creek 3.3 | 11727 | 0.45                | 20.8                | 187              | 10.0            |
| Sloan Creek 3.3 | 11497 | 0.37                | 20.8                | 678              | 8.3             |
| Sloan Creek 3.3 | 10968 | 0.60                | 18.4                | 221              | 12.0            |
| Sloan Creek 3.3 | 10778 | 0.67                | 19.1                | 179              | 13.3            |
| Sloan Creek 3.3 | 10424 | 0.45                | 19.2                | 439              | 9.4             |
| Sloan Creek 3.3 | 10096 | 0.35                | 19.1                | 918              | 7.9             |
| Sloan Creek 3.3 | 9974  | 0.41                | 18.6                | 880              | 9.0             |
| Sloan Creek 3.3 | 9537  | 0.26                | 20.3                | 806              | 6.4             |
| Sloan Creek 3.3 | 9092  | 0.39                | 20.6                | 519              | 9.1             |
| Sloan Creek 3.3 | 8930  | 0.29                | 19.0                | 785              | 6.1             |
| Sloan Creek 3.3 | 8792  | 0.49                | 19.0                | 657              | 10.8            |
| Sloan Creek 3.3 | 8730  | 0.39                | 18.8                | 771              | 8.2             |
| Sloan Creek 3.3 | 8121  | 0.39                | 18.4                | 885              | 9.1             |
| Sloan Creek 3.3 | 7943  | 0.30                | 19.6                | 1110             | 6.4             |

| Reach                           | RS   | 100 YR-Froude # Chl | 100 YR-Max Chl Dpth | 100 YR-Top Width | 100 YR-Vel Chnl |
|---------------------------------|------|---------------------|---------------------|------------------|-----------------|
| Sloan Creek 3.3                 | 7720 | 0.26                | 19.7                | 1030             | 6.0             |
| Sloan Creek 3.3                 | 7292 | 0.27                | 18.8                | 1171             | 5.7             |
| Sloan Creek 3.3                 | 6855 | 0.26                | 20.0                | 658              | 5.9             |
| Sloan Creek 3.3                 | 6674 | 0.26                | 19.6                | 791              | 6.2             |
| Sloan Creek 3.3                 | 6490 | 0.39                | 18.7                | 588              | 8.5             |
| Sloan Creek 3.3                 | 6108 | 0.31                | 17.6                | 608              | 6.8             |
| Sloan Creek 3.3                 | 5907 | 0.29                | 17.2                | 661              | 6.3             |
| Sloan Creek 3.3                 | 5610 | 0.51                | 17.1                | 656              | 11.0            |
| Sloan Creek 3.3                 | 5437 | 0.51                | 16.1                | 553              | 10.4            |
| Sloan Creek 3.3                 | 5172 | 0.46                | 14.7                | 595              | 9.0             |
| Sloan Creek 3.3                 | 5097 | 0.40                | 14.5                | 736              | 7.7             |
| Sloan Creek 3.3                 | 4917 | 0.66                | 12.7                | 666              | 11.5            |
| Sloan Creek 3.3                 | 4732 | 0.37                | 11.2                | 716              | 6.4             |
| Sloan Creek 3.3                 | 4556 | 0.20                | 10.9                | 773              | 3.4             |
| Sloan Creek 3.3                 | 4378 | 0.20                | 10.8                | 811              | 3.4             |
| Sloan Creek 3.3                 | 4270 | 0.21                | 10.6                | 820              | 3.6             |
| Sloan Creek 3.3                 | 4129 | 0.21                | 10.4                | 835              | 3.5             |
| Sloan Creek 3.3                 | 3954 | 0.22                | 12.2                | 791              | 3.7             |
| Sloan Creek 3.3                 | 3761 | 0.18                | 12.0                | 923              | 3.0             |
| Sloan Creek 3.3                 | 3636 | 0.16                | 12.0                | 953              | 2.7             |
| Sloan Creek 3.3                 | 3358 | 0.50                | 10.9                | 868              | 8.5             |
| Sloan Creek 3.3                 | 3054 | 0.14                | 10.9                | 1068             | 2.4             |
| Sloan Creek 3.3                 | 2806 | 0.11                | 10.9                | 1098             | 1.7             |
| Sloan Creek 3.3                 | 2471 | 0.18                | 12.7                | 1306             | 3.2             |
| Sloan Creek 3.3                 | 2160 | 0.43                | 12.1                | 1249             | 7.4             |
| Sloan Creek 3.3                 | 2034 | 0.35                | 11.1                | 1158             | 6.0             |
| Sloan Creek 3.3                 | 1578 | 0.18                | 10.4                | 809              | 2.7             |
| Sloan Creek 3.3                 | 1305 | 0.43                | 11.4                | 713              | 7.2             |
| Sloan Creek 3.3                 | 860  | 0.36                | 10.2                | 1542             | 5.8             |
| Sloan Creek 3.3                 | 528  | 0.17                | 9.8                 | 1391             | 1.9             |
| Sloan Creek 3.3                 | 93   | 0.34                | 10.8                | 1059             | 5.3             |
| <b>Sloan Creek 3.3 AVERAGE:</b> |      | <b>0.38</b>         | <b>16.0</b>         | <b>557</b>       | <b>7.6</b>      |
| Tributary 1                     | 1730 | 0.19                | 5.9                 | 87               | 2.4             |
| Tributary 1                     | 1585 | 1.00                | 5.1                 | 22               | 11.3            |
| Tributary 1                     | 1481 | 0.62                | 5.8                 | 46               | 6.5             |
| Tributary 1                     | 1284 | 0.62                | 6.3                 | 34               | 7.2             |
| Tributary 1                     | 1150 | 0.68                | 4.9                 | 43               | 7.0             |
| Tributary 1                     | 905  | 0.85                | 6.0                 | 40               | 8.8             |
| Tributary 1                     | 771  | 1.00                | 3.9                 | 48               | 8.8             |
| Tributary 1                     | 597  | 1.00                | 4.3                 | 39               | 9.4             |
| Tributary 1                     | 472  | 0.41                | 7.9                 | 25               | 6.0             |
| Tributary 1                     | 400  | 0.22                | 10.1                | 32               | 3.7             |
| Tributary 1                     | 281  | 0.19                | 12.0                | 29               | 3.5             |
| Tributary 1                     | 178  | 0.09                | 14.1                | 64               | 1.7             |

| Reach                       | RS   | 100 YR-Froude # Chl | 100 YR-Max Chl Dpth | 100 YR-Top Width | 100 YR-Vel Chnl |
|-----------------------------|------|---------------------|---------------------|------------------|-----------------|
| Tributary 1                 | 121  | 0.10                | 14.1                | 45               | 1.9             |
| <b>Tributary 1 AVERAGE:</b> |      | <b>0.54</b>         | <b>7.7</b>          | <b>43</b>        | <b>6.0</b>      |
| Tributary 2                 | 2982 | 1.01                | 2.1                 | 88               | 6.3             |
| Tributary 2                 | 2821 | 0.22                | 6.4                 | 164              | 2.8             |
| Tributary 2                 | 2701 | 0.13                | 8.4                 | 236              | 2.0             |
| Tributary 2                 | 2578 | 0.96                | 4.4                 | 37               | 10.0            |
| Tributary 2                 | 2393 | 0.83                | 4.0                 | 34               | 8.2             |
| Tributary 2                 | 2255 | 1.00                | 4.1                 | 23               | 9.8             |
| Tributary 2                 | 1996 | 0.96                | 4.3                 | 41               | 9.2             |
| Tributary 2                 | 1674 | 0.97                | 3.2                 | 45               | 8.8             |
| Tributary 2                 | 1533 | 1.03                | 3.8                 | 46               | 7.9             |
| Tributary 2                 | 1278 | 1.01                | 3.4                 | 30               | 8.9             |
| Tributary 2                 | 1044 | 1.01                | 3.5                 | 30               | 8.9             |
| Tributary 2                 | 966  | 1.00                | 4.5                 | 22               | 9.9             |
| Tributary 2                 | 716  | 1.00                | 5.2                 | 18               | 10.5            |
| Tributary 2                 | 514  | 1.00                | 4.4                 | 25               | 9.5             |
| Tributary 2                 | 324  | 0.83                | 4.1                 | 23               | 8.6             |
| Tributary 2                 | 155  | 1.00                | 3.9                 | 24               | 9.6             |
| <b>Tributary 2 AVERAGE:</b> |      | <b>0.87</b>         | <b>4.3</b>          | <b>55</b>        | <b>8.2</b>      |
| Tributary 4.1               | 5731 | 0.47                | 2.8                 | 211              | 4.1             |
| Tributary 4.1               | 5559 | 0.68                | 3.4                 | 132              | 6.2             |
| Tributary 4.1               | 5382 | 0.49                | 4.9                 | 239              | 5.4             |
| Tributary 4.1               | 5298 | 0.81                | 5.7                 | 109              | 9.7             |
| Tributary 4.1               | 5096 | 0.86                | 4.1                 | 185              | 9.2             |
| Tributary 4.1               | 4998 | 0.83                | 3.1                 | 136              | 7.1             |
| Tributary 4.1               | 4896 | 0.81                | 5.4                 | 125              | 9.0             |
| Tributary 4.1               | 4737 | 0.53                | 5.1                 | 188              | 6.4             |
| Tributary 4.1               | 4401 | 0.78                | 6.4                 | 59               | 9.2             |
| Tributary 4.1               | 4280 | 1.01                | 5.8                 | 40               | 10.2            |
| Tributary 4.1               | 4178 | 0.89                | 6.6                 | 70               | 10.2            |
| Tributary 4.1               | 4105 | 0.54                | 6.2                 | 87               | 6.0             |
| Tributary 4.1               | 3971 | 0.56                | 5.4                 | 62               | 6.9             |
| Tributary 4.1               | 3724 | 0.98                | 5.2                 | 39               | 10.3            |
| Tributary 4.1               | 3614 | 0.80                | 4.7                 | 47               | 8.2             |
| Tributary 4.1               | 3366 | 0.70                | 5.9                 | 46               | 7.5             |
| Tributary 4.1               | 3211 | 0.50                | 7.6                 | 69               | 7.1             |
| Tributary 4.1               | 3079 | 0.72                | 6.6                 | 56               | 8.0             |
| Tributary 4.1               | 2862 | 0.99                | 6.1                 | 61               | 12.7            |
| Tributary 4.1               | 2625 | 0.42                | 6.5                 | 176              | 5.1             |
| Tributary 4.1               | 2281 | 0.59                | 7.7                 | 75               | 8.1             |
| Tributary 4.1               | 2151 | 0.34                | 8.5                 | 187              | 4.9             |
| Tributary 4.1               | 1850 | 0.47                | 7.5                 | 113              | 5.9             |
| Tributary 4.1               | 1685 | 0.85                | 6.0                 | 90               | 11.1            |
| Tributary 4.1               | 1464 | 0.37                | 9.2                 | 99               | 5.9             |
| Tributary 4.1               | 1195 | 0.48                | 8.4                 | 103              | 6.8             |

| Reach                         | RS   | 100 YR-Froude # Chl | 100 YR-Max Chl Dpth | 100 YR-Top Width | 100 YR-Vel Chnl |
|-------------------------------|------|---------------------|---------------------|------------------|-----------------|
| Tributary 4.1                 | 1091 | 0.88                | 6.6                 | 75               | 11.1            |
| <b>Tributary 4.1 AVERAGE:</b> |      | <b>0.68</b>         | <b>6.0</b>          | <b>107</b>       | <b>7.9</b>      |
| Tributary 4.2                 | 920  | 0.11                | 14.8                | 93               | 2.2             |
| Tributary 4.2                 | 635  | 0.12                | 18.8                | 72               | 2.7             |
| Tributary 4.2                 | 553  | 0.08                | 18.8                | 99               | 1.7             |
| Tributary 4.2                 | 394  | 0.10                | 18.8                | 71               | 2.0             |
| Tributary 4.2                 | 330  | 0.08                | 20.8                | 104              | 1.8             |
| Tributary 4.2                 | 276  | 0.07                | 20.8                | 108              | 1.7             |
| Tributary 4.2                 | 207  | 0.08                | 20.8                | 115              | 1.9             |
| Tributary 4.2                 | 61   | 0.08                | 22.7                | 141              | 2.2             |
| <b>Tributary 4.2 AVERAGE:</b> |      | <b>0.09</b>         | <b>19.5</b>         | <b>100</b>       | <b>2.0</b>      |

| Reach                         | RS    | 2 YR Existing-Froude # Chl | 2 YR Existing-Max Chl Dpth | 2 YR Existing-Top Width | 2 YR Existing-Vel Chnl |
|-------------------------------|-------|----------------------------|----------------------------|-------------------------|------------------------|
| Sloan Creek 1                 | 24980 | 0.14                       | 5.1                        | 68                      | 1.5                    |
| Sloan Creek 1                 | 24866 | 0.53                       | 2.7                        | 33                      | 4.6                    |
| Sloan Creek 1                 | 24689 | 0.68                       | 2.8                        | 33                      | 5.4                    |
| Sloan Creek 1                 | 24571 | 0.80                       | 2.5                        | 32                      | 6.1                    |
| Sloan Creek 1                 | 24374 | 0.47                       | 4.0                        | 37                      | 4.0                    |
| Sloan Creek 1                 | 24184 | 1.01                       | 2.5                        | 20                      | 8.3                    |
| Sloan Creek 1                 | 24125 | 0.91                       | 2.3                        | 28                      | 6.9                    |
| Sloan Creek 1                 | 23992 | 0.62                       | 2.9                        | 36                      | 4.9                    |
| Sloan Creek 1                 | 23807 | 0.94                       | 2.1                        | 27                      | 7.2                    |
| Sloan Creek 1                 | 23702 | 0.99                       | 2.0                        | 38                      | 6.6                    |
| Sloan Creek 1                 | 23529 | 0.38                       | 3.4                        | 35                      | 3.6                    |
| Sloan Creek 1                 | 23412 | 1.00                       | 1.8                        | 28                      | 7.4                    |
| Sloan Creek 1                 | 23361 | 1.01                       | 2.1                        | 31                      | 7.2                    |
| Sloan Creek 1                 | 23241 | 0.58                       | 2.7                        | 27                      | 5.2                    |
| <b>Sloan Creek 1 AVERAGE:</b> |       | <b>0.72</b>                | <b>2.8</b>                 | <b>34</b>               | <b>5.6</b>             |
| Sloan Creek 2                 | 23059 | 0.67                       | 3.1                        | 37                      | 6.4                    |
| Sloan Creek 2                 | 22895 | 0.39                       | 4.5                        | 43                      | 4.2                    |
| Sloan Creek 2                 | 22787 | 1.00                       | 2.8                        | 31                      | 8.9                    |
| Sloan Creek 2                 | 22660 | 0.53                       | 4.1                        | 39                      | 5.4                    |
| Sloan Creek 2                 | 22543 | 1.00                       | 2.5                        | 33                      | 8.7                    |
| Sloan Creek 2                 | 22388 | 0.37                       | 4.4                        | 42                      | 4.2                    |
| Sloan Creek 2                 | 22326 | 0.32                       | 6.3                        | 42                      | 3.7                    |
| Sloan Creek 2                 | 22175 | 0.32                       | 6.0                        | 43                      | 3.9                    |
| Sloan Creek 2                 | 22135 | 0.25                       | 7.9                        | 38                      | 3.4                    |
| Sloan Creek 2                 | 22009 | 0.31                       | 6.8                        | 30                      | 4.3                    |

| Reach                           | RS    | 2 YR Existing-Froude # Chl | 2 YR Existing-Max Chl Dpth | 2 YR Existing-Top Width | 2 YR Existing-Vel Chnl |
|---------------------------------|-------|----------------------------|----------------------------|-------------------------|------------------------|
| Sloan Creek 2                   | 21891 | 0.20                       | 8.8                        | 46                      | 2.8                    |
| <b>Sloan Creek 2 AVERAGE:</b>   |       | <b>0.49</b>                | <b>5.2</b>                 | <b>38</b>               | <b>5.1</b>             |
| Sloan Creek 3.1                 | 21695 | 0.23                       | 10.5                       | 55                      | 3.6                    |
| Sloan Creek 3.1                 | 21542 | 0.21                       | 10.4                       | 60                      | 3.3                    |
| <b>Sloan Creek 3.1 AVERAGE:</b> |       | <b>0.22</b>                | <b>10.4</b>                | <b>58</b>               | <b>3.4</b>             |
| Sloan Creek 3.2                 | 21430 | 1.00                       | 3.3                        | 57                      | 9.3                    |
| Sloan Creek 3.2                 | 21339 | 0.82                       | 3.7                        | 50                      | 8.5                    |
| Sloan Creek 3.2                 | 21177 | 0.73                       | 4.2                        | 57                      | 7.6                    |
| Sloan Creek 3.2                 | 21073 | 0.50                       | 5.9                        | 42                      | 6.5                    |
| Sloan Creek 3.2                 | 20985 | 0.45                       | 5.7                        | 46                      | 5.8                    |
| Sloan Creek 3.2                 | 20838 | 0.60                       | 6.8                        | 47                      | 7.1                    |
| Sloan Creek 3.2                 | 20696 | 0.47                       | 6.4                        | 51                      | 5.8                    |
| Sloan Creek 3.2                 | 20571 | 0.45                       | 6.0                        | 48                      | 5.8                    |
| Sloan Creek 3.2                 | 20456 | 0.70                       | 4.8                        | 40                      | 8.3                    |
| Sloan Creek 3.2                 | 20385 | 0.62                       | 5.2                        | 40                      | 7.6                    |
| Sloan Creek 3.2                 | 20302 | 0.61                       | 5.9                        | 40                      | 7.5                    |
| Sloan Creek 3.2                 | 20138 | 0.65                       | 5.1                        | 49                      | 7.3                    |
| Sloan Creek 3.2                 | 20002 | 0.77                       | 5.4                        | 52                      | 9.4                    |
| Sloan Creek 3.2                 | 19852 | 0.59                       | 5.0                        | 53                      | 6.8                    |
| Sloan Creek 3.2                 | 19671 | 0.46                       | 6.5                        | 51                      | 6.5                    |
| Sloan Creek 3.2                 | 19578 | 0.38                       | 6.5                        | 64                      | 4.7                    |
| Sloan Creek 3.2                 | 19442 | 0.59                       | 5.5                        | 44                      | 7.1                    |
| Sloan Creek 3.2                 | 19272 | 0.48                       | 6.7                        | 45                      | 6.2                    |
| Sloan Creek 3.2                 | 19102 | 0.57                       | 5.8                        | 42                      | 7.1                    |
| Sloan Creek 3.2                 | 18882 | 0.49                       | 6.8                        | 50                      | 6.1                    |
| Sloan Creek 3.2                 | 18729 | 0.57                       | 5.8                        | 49                      | 6.7                    |
| Sloan Creek 3.2                 | 18586 | 0.56                       | 7.0                        | 38                      | 7.2                    |
| Sloan Creek 3.2                 | 18446 | 0.54                       | 6.6                        | 59                      | 7.5                    |
| Sloan Creek 3.2                 | 18188 | 0.32                       | 8.4                        | 55                      | 4.7                    |
| Sloan Creek 3.2                 | 18087 | 0.55                       | 6.0                        | 51                      | 7.2                    |
| <b>Sloan Creek 3.2 AVERAGE:</b> |       | <b>0.58</b>                | <b>5.8</b>                 | <b>49</b>               | <b>7.0</b>             |
| Sloan Creek 3.3                 | 17782 | 0.53                       | 7.9                        | 57                      | 7.3                    |
| Sloan Creek 3.3                 | 17681 | 0.36                       | 8.0                        | 68                      | 4.8                    |
| Sloan Creek 3.3                 | 17468 | 0.49                       | 7.1                        | 54                      | 6.9                    |
| Sloan Creek 3.3                 | 17316 | 0.52                       | 8.4                        | 56                      | 7.9                    |
| Sloan Creek 3.3                 | 17175 | 0.49                       | 8.2                        | 61                      | 6.9                    |
| Sloan Creek 3.3                 | 17081 | 0.43                       | 8.0                        | 58                      | 6.4                    |
| Sloan Creek 3.3                 | 16946 | 0.40                       | 7.9                        | 57                      | 5.5                    |
| Sloan Creek 3.3                 | 16755 | 0.57                       | 6.8                        | 50                      | 7.4                    |
| Sloan Creek 3.3                 | 16562 | 0.47                       | 6.2                        | 61                      | 5.9                    |



| Reach           | RS    | 2 YR Existing-Froude # Chl | 2 YR Existing-Max Chl Dpth | 2 YR Existing-Top Width | 2 YR Existing-Vel Chnl |
|-----------------|-------|----------------------------|----------------------------|-------------------------|------------------------|
| Sloan Creek 3.3 | 16369 | 0.40                       | 7.9                        | 77                      | 5.1                    |
| Sloan Creek 3.3 | 16225 | 0.41                       | 7.6                        | 64                      | 5.4                    |
| Sloan Creek 3.3 | 16026 | 0.33                       | 9.3                        | 62                      | 4.6                    |
| Sloan Creek 3.3 | 15918 | 0.44                       | 9.0                        | 69                      | 5.4                    |
| Sloan Creek 3.3 | 15770 | 0.34                       | 8.9                        | 66                      | 4.6                    |
| Sloan Creek 3.3 | 15526 | 0.32                       | 8.3                        | 69                      | 4.4                    |
| Sloan Creek 3.3 | 15383 | 0.33                       | 9.9                        | 59                      | 4.7                    |
| Sloan Creek 3.3 | 15269 | 0.24                       | 9.9                        | 72                      | 3.6                    |
| Sloan Creek 3.3 | 15023 | 0.43                       | 8.5                        | 79                      | 6.4                    |
| Sloan Creek 3.3 | 14558 | 0.37                       | 7.5                        | 70                      | 4.8                    |
| Sloan Creek 3.3 | 14333 | 0.30                       | 7.3                        | 69                      | 4.2                    |
| Sloan Creek 3.3 | 14173 | 0.41                       | 6.7                        | 63                      | 5.4                    |
| Sloan Creek 3.3 | 14022 | 0.52                       | 6.0                        | 66                      | 6.2                    |
| Sloan Creek 3.3 | 13931 | 0.88                       | 3.8                        | 95                      | 8.6                    |
| Sloan Creek 3.3 | 13722 | 0.99                       | 3.7                        | 104                     | 8.5                    |
| Sloan Creek 3.3 | 13592 | 0.36                       | 8.5                        | 78                      | 5.3                    |
| Sloan Creek 3.3 | 13448 | 0.38                       | 8.4                        | 54                      | 5.3                    |
| Sloan Creek 3.3 | 13336 | 0.47                       | 8.7                        | 45                      | 6.5                    |
| Sloan Creek 3.3 | 13079 | 0.25                       | 9.4                        | 66                      | 3.8                    |
| Sloan Creek 3.3 | 12912 | 0.43                       | 8.8                        | 47                      | 6.2                    |
| Sloan Creek 3.3 | 12688 | 0.43                       | 8.3                        | 46                      | 6.2                    |
| Sloan Creek 3.3 | 12510 | 0.34                       | 8.2                        | 73                      | 5.0                    |
| Sloan Creek 3.3 | 12247 | 0.47                       | 8.9                        | 60                      | 6.7                    |
| Sloan Creek 3.3 | 12003 | 0.33                       | 8.4                        | 75                      | 4.7                    |
| Sloan Creek 3.3 | 11727 | 0.29                       | 9.8                        | 51                      | 4.6                    |
| Sloan Creek 3.3 | 11497 | 0.32                       | 9.5                        | 55                      | 4.8                    |
| Sloan Creek 3.3 | 10968 | 0.41                       | 8.6                        | 47                      | 5.9                    |
| Sloan Creek 3.3 | 10778 | 0.38                       | 10.3                       | 45                      | 5.7                    |
| Sloan Creek 3.3 | 10424 | 0.34                       | 9.9                        | 52                      | 5.0                    |
| Sloan Creek 3.3 | 10096 | 0.29                       | 9.6                        | 87                      | 4.4                    |
| Sloan Creek 3.3 | 9974  | 0.32                       | 9.5                        | 63                      | 4.6                    |
| Sloan Creek 3.3 | 9537  | 0.34                       | 10.4                       | 47                      | 5.5                    |
| Sloan Creek 3.3 | 9092  | 0.26                       | 11.3                       | 76                      | 4.4                    |
| Sloan Creek 3.3 | 8930  | 0.22                       | 9.6                        | 94                      | 3.3                    |
| Sloan Creek 3.3 | 8792  | 0.29                       | 10.8                       | 51                      | 4.7                    |
| Sloan Creek 3.3 | 8730  | 0.32                       | 10.6                       | 51                      | 4.9                    |
| Sloan Creek 3.3 | 8121  | 0.21                       | 11.5                       | 87                      | 3.7                    |
| Sloan Creek 3.3 | 7943  | 0.20                       | 12.7                       | 71                      | 3.2                    |
| Sloan Creek 3.3 | 7720  | 0.22                       | 12.8                       | 55                      | 3.9                    |
| Sloan Creek 3.3 | 7292  | 0.27                       | 11.7                       | 55                      | 4.3                    |
| Sloan Creek 3.3 | 6855  | 0.26                       | 12.6                       | 68                      | 4.4                    |
| Sloan Creek 3.3 | 6674  | 0.22                       | 12.3                       | 71                      | 4.0                    |
| Sloan Creek 3.3 | 6490  | 0.25                       | 11.9                       | 65                      | 4.2                    |

| Reach                           | RS   | 2 YR Existing-Froude # Chl | 2 YR Existing-Max Chl Dpth | 2 YR Existing-Top Width | 2 YR Existing-Vel Chnl |
|---------------------------------|------|----------------------------|----------------------------|-------------------------|------------------------|
| Sloan Creek 3.3                 | 6108 | 0.25                       | 11.0                       | 137                     | 4.0                    |
| Sloan Creek 3.3                 | 5907 | 0.30                       | 10.4                       | 161                     | 4.8                    |
| Sloan Creek 3.3                 | 5610 | 0.22                       | 11.9                       | 118                     | 3.8                    |
| Sloan Creek 3.3                 | 5437 | 0.27                       | 11.5                       | 59                      | 4.4                    |
| Sloan Creek 3.3                 | 5172 | 0.29                       | 10.9                       | 179                     | 4.7                    |
| Sloan Creek 3.3                 | 5097 | 0.28                       | 10.7                       | 189                     | 4.5                    |
| Sloan Creek 3.3                 | 4917 | 0.36                       | 9.9                        | 187                     | 5.4                    |
| Sloan Creek 3.3                 | 4732 | 0.33                       | 9.3                        | 532                     | 5.1                    |
| Sloan Creek 3.3                 | 4556 | 0.44                       | 8.2                        | 580                     | 6.4                    |
| Sloan Creek 3.3                 | 4378 | 0.09                       | 8.5                        | 658                     | 1.3                    |
| Sloan Creek 3.3                 | 4270 | 0.08                       | 8.4                        | 711                     | 1.2                    |
| Sloan Creek 3.3                 | 4129 | 0.08                       | 8.4                        | 753                     | 1.1                    |
| Sloan Creek 3.3                 | 3954 | 0.07                       | 10.4                       | 746                     | 1.1                    |
| Sloan Creek 3.3                 | 3761 | 0.51                       | 9.4                        | 728                     | 7.2                    |
| Sloan Creek 3.3                 | 3636 | 0.43                       | 8.7                        | 750                     | 6.1                    |
| Sloan Creek 3.3                 | 3358 | 0.24                       | 8.0                        | 642                     | 3.4                    |
| Sloan Creek 3.3                 | 3054 | 0.06                       | 8.0                        | 832                     | 0.9                    |
| Sloan Creek 3.3                 | 2806 | 0.04                       | 8.0                        | 1025                    | 0.6                    |
| Sloan Creek 3.3                 | 2471 | 0.18                       | 9.9                        | 1186                    | 2.8                    |
| Sloan Creek 3.3                 | 2160 | 0.15                       | 9.7                        | 1079                    | 2.3                    |
| Sloan Creek 3.3                 | 2034 | 0.18                       | 9.5                        | 1044                    | 2.8                    |
| Sloan Creek 3.3                 | 1578 | 0.78                       | 6.9                        | 568                     | 9.0                    |
| Sloan Creek 3.3                 | 1305 | 0.18                       | 9.0                        | 522                     | 2.5                    |
| Sloan Creek 3.3                 | 860  | 0.12                       | 8.8                        | 1397                    | 1.7                    |
| Sloan Creek 3.3                 | 528  | 0.50                       | 7.8                        | 959                     | 6.6                    |
| Sloan Creek 3.3                 | 93   | 0.18                       | 9.7                        | 966                     | 2.6                    |
| <b>Sloan Creek 3.3 AVERAGE:</b> |      | <b>0.34</b>                | <b>9.1</b>                 | <b>257</b>              | <b>4.8</b>             |
| Tributary 1                     | 1730 | 0.22                       | 2.5                        | 69                      | 1.9                    |
| Tributary 1                     | 1585 | 0.66                       | 3.1                        | 18                      | 6.0                    |
| Tributary 1                     | 1481 | 0.71                       | 3.3                        | 34                      | 5.1                    |
| Tributary 1                     | 1284 | 0.49                       | 3.9                        | 29                      | 4.3                    |
| Tributary 1                     | 1150 | 0.80                       | 2.2                        | 28                      | 6.0                    |
| Tributary 1                     | 905  | 0.59                       | 4.0                        | 24                      | 5.1                    |
| Tributary 1                     | 771  | 1.01                       | 2.2                        | 33                      | 6.6                    |
| Tributary 1                     | 597  | 1.01                       | 2.1                        | 25                      | 7.2                    |
| Tributary 1                     | 472  | 1.01                       | 2.0                        | 19                      | 7.8                    |
| Tributary 1                     | 400  | 0.55                       | 2.6                        | 25                      | 4.8                    |
| Tributary 1                     | 281  | 0.28                       | 4.5                        | 24                      | 3.1                    |
| Tributary 1                     | 178  | 0.09                       | 6.5                        | 41                      | 1.2                    |
| Tributary 1                     | 121  | 0.10                       | 6.5                        | 37                      | 1.3                    |
| <b>Tributary 1 AVERAGE:</b>     |      | <b>0.58</b>                | <b>3.5</b>                 | <b>31</b>               | <b>4.6</b>             |
| Tributary 2                     | 2982 | 1.00                       | 1.2                        | 60                      | 4.6                    |

| Reach                       | RS   | 2 YR Existing-Froude # Chl | 2 YR Existing-Max Chl Dpth | 2 YR Existing-Top Width | 2 YR Existing-Vel Chnl |
|-----------------------------|------|----------------------------|----------------------------|-------------------------|------------------------|
| Tributary 2                 | 2821 | 0.35                       | 3.4                        | 51                      | 2.8                    |
| Tributary 2                 | 2701 | 0.13                       | 5.4                        | 128                     | 1.4                    |
| Tributary 2                 | 2578 | 0.96                       | 2.3                        | 17                      | 7.1                    |
| Tributary 2                 | 2393 | 0.84                       | 2.0                        | 20                      | 5.9                    |
| Tributary 2                 | 2255 | 1.01                       | 2.0                        | 17                      | 7.1                    |
| Tributary 2                 | 1996 | 1.01                       | 2.4                        | 22                      | 6.8                    |
| Tributary 2                 | 1674 | 1.01                       | 1.7                        | 24                      | 6.3                    |
| Tributary 2                 | 1533 | 1.01                       | 2.3                        | 26                      | 6.2                    |
| Tributary 2                 | 1278 | 1.01                       | 1.7                        | 21                      | 6.6                    |
| Tributary 2                 | 1044 | 1.01                       | 1.7                        | 21                      | 6.6                    |
| Tributary 2                 | 966  | 1.01                       | 2.4                        | 16                      | 7.2                    |
| Tributary 2                 | 716  | 1.00                       | 2.6                        | 12                      | 8.0                    |
| Tributary 2                 | 514  | 0.85                       | 2.5                        | 17                      | 6.3                    |
| Tributary 2                 | 324  | 1.01                       | 1.7                        | 18                      | 7.0                    |
| Tributary 2                 | 155  | 0.51                       | 2.8                        | 20                      | 4.3                    |
| <b>Tributary 2 AVERAGE:</b> |      | <b>0.86</b>                | <b>2.4</b>                 | <b>31</b>               | <b>5.9</b>             |
| Tributary 4.1               | 5731 | 0.48                       | 1.5                        | 115                     | 3.0                    |
| Tributary 4.1               | 5559 | 0.70                       | 2.1                        | 76                      | 4.5                    |
| Tributary 4.1               | 5382 | 0.64                       | 2.8                        | 91                      | 5.1                    |
| Tributary 4.1               | 5298 | 0.67                       | 4.0                        | 72                      | 6.4                    |
| Tributary 4.1               | 5096 | 0.63                       | 3.0                        | 117                     | 5.5                    |
| Tributary 4.1               | 4998 | 1.01                       | 1.8                        | 65                      | 5.9                    |
| Tributary 4.1               | 4896 | 0.76                       | 3.7                        | 29                      | 6.4                    |
| Tributary 4.1               | 4737 | 0.58                       | 3.2                        | 110                     | 5.3                    |
| Tributary 4.1               | 4401 | 0.74                       | 4.2                        | 29                      | 6.5                    |
| Tributary 4.1               | 4280 | 1.00                       | 3.4                        | 22                      | 8.4                    |
| Tributary 4.1               | 4178 | 1.01                       | 3.9                        | 19                      | 8.9                    |
| Tributary 4.1               | 4105 | 0.59                       | 3.7                        | 54                      | 5.3                    |
| Tributary 4.1               | 3971 | 0.54                       | 3.1                        | 40                      | 4.9                    |
| Tributary 4.1               | 3724 | 1.01                       | 3.0                        | 27                      | 7.9                    |
| Tributary 4.1               | 3614 | 0.63                       | 3.0                        | 37                      | 5.2                    |
| Tributary 4.1               | 3366 | 1.01                       | 3.1                        | 29                      | 7.7                    |
| Tributary 4.1               | 3211 | 0.42                       | 4.2                        | 52                      | 4.4                    |
| Tributary 4.1               | 3079 | 0.68                       | 3.4                        | 32                      | 5.8                    |
| Tributary 4.1               | 2862 | 0.55                       | 4.3                        | 52                      | 5.8                    |
| Tributary 4.1               | 2625 | 0.66                       | 3.8                        | 69                      | 6.0                    |
| Tributary 4.1               | 2281 | 0.41                       | 5.1                        | 56                      | 4.4                    |
| Tributary 4.1               | 2151 | 0.35                       | 5.6                        | 91                      | 3.8                    |
| Tributary 4.1               | 1850 | 0.48                       | 4.5                        | 77                      | 4.4                    |
| Tributary 4.1               | 1685 | 0.98                       | 3.0                        | 30                      | 8.3                    |
| Tributary 4.1               | 1464 | 0.30                       | 5.0                        | 32                      | 3.3                    |
| Tributary 4.1               | 1195 | 0.40                       | 4.4                        | 28                      | 4.2                    |
| Tributary 4.1               | 1091 | 1.00                       | 3.0                        | 22                      | 8.4                    |

| Reach                         | RS  | 2 YR Existing-Froude # Chl | 2 YR Existing-Max Chl Dpth | 2 YR Existing-Top Width | 2 YR Existing-Vel Chnl |
|-------------------------------|-----|----------------------------|----------------------------|-------------------------|------------------------|
| <b>Tributary 4.1 AVERAGE:</b> |     | <b>0.68</b>                | <b>3.5</b>                 | <b>55</b>               | <b>5.8</b>             |
| Tributary 4.2                 | 920 | 0.99                       | 2.3                        | 41                      | 6.8                    |
| Tributary 4.2                 | 635 | 0.41                       | 5.0                        | 34                      | 4.4                    |
| Tributary 4.2                 | 553 | 0.31                       | 4.9                        | 38                      | 3.2                    |
| Tributary 4.2                 | 394 | 0.28                       | 4.7                        | 33                      | 3.2                    |
| Tributary 4.2                 | 330 | 0.18                       | 6.8                        | 39                      | 2.2                    |
| Tributary 4.2                 | 276 | 0.20                       | 6.7                        | 43                      | 2.3                    |
| Tributary 4.2                 | 207 | 0.16                       | 6.7                        | 43                      | 2.0                    |
| Tributary 4.2                 | 61  | 0.19                       | 8.6                        | 56                      | 3.0                    |
| <b>Tributary 4.2 AVERAGE:</b> |     | <b>0.34</b>                | <b>5.7</b>                 | <b>41</b>               | <b>3.4</b>             |

# Appendix D: Fully Developed Hydrology

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Pre-detention Proposed Conditions Drainage Map

Time of Concentration Estimates



**Legend**

- Junction
- Subbasin Delineation

CPDD Pre-Detention Proposed Drainage Area Map

0 250 500 1,000 1,500 2,000 Feet

HUIT-ZOLLARS



Source: Esri, DeLorme, GeoEye, (GeoEye/Aviation), USGS/Airphoto, USGS/Imagery, USGS/NAIP, IGN, ESB, Swire, and the GIS User Community

## Worksheet for computation of time of travel according to TR-55 methodology

Blue and Green - user specified, White and yellow - calculated, Red - final result

| Watershed Name  | Sub13  | Sub11       | Sub8A       | Sub8B       | Sub7        | Sub9        | Sub6        | Sub10       | Sub12        |
|---|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Watershed ID  |  |             |             |             |             |             |             |             |              |
| <b>Sheet Flow Characteristics</b>                         |  |             |             |             |             |             |             |             |              |
| Manning's Roughness Coefficient                           | 0.015  | 0.015       | 0.015       | 0.015       | 0.015       | 0.015       | 0.015       | 0.03        | 0.25         |
| Flow Length (ft)  | 50   | 50          | 100         | 50          | 50          | 100         | 100         | 100         | 99.9999      |
| Two-Year 24-hour Rainfall (in)                            | 3.6  | 3.6         | 3.6         | 3.6         | 3.6         | 3.6         | 3.6         | 3.6         | 3.6          |
| Land Slope (ft/ft)  | 0.018  | 0.017       | 0.024       | 0.001       | 0.033       | 0.014       | 0.0184      | 0.01        | 0.0659       |
| <b>Sheet Flow Tt (hr)</b>                                 | <b>0.01</b>  | <b>0.01</b> | <b>0.02</b> | <b>0.05</b> | <b>0.01</b> | <b>0.03</b> | <b>0.03</b> | <b>0.06</b> | <b>0.14</b>  |
| <b>Shallow Concentrated Flow Characteristics</b>          |  |             |             |             |             |             |             |             |              |
| Surface Description (1 - unpaved, 2 - paved)              | 1  | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1            |
| Flow Length (ft)  | 0  | 0           | 0           | 0           | 0           | 0           | 0           | 378         | 100          |
| Watercourse Slope (ft/ft)                                 | 0.0706   | 0.0505      | 0.0861      | 0.0861      | 0.0717      | 0.081       | 0.0758      | 0.01        | 0.0812       |
| Average Velocity - computed (ft/s)                        | 4.29   | 3.63        | 4.73        | 4.73        | 4.32        | 4.59        | 4.44        | 1.61        | 4.60         |
| <b>Shallow Concentrated Flow Tt (hr)</b>                  | <b>0.00</b>  | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.07</b> | <b>0.01</b>  |
| <b>Channel Flow Characteristics</b>                       |  |             |             |             |             |             |             |             |              |
| Cross-sectional Flow Area (ft <sup>2</sup> )              | 20   | 20          | 20          | 20          | 20          | 20          | 20          | 20          | 20           |
| Wetted Perimeter (ft)                                     | 20   | 20          | 20          | 20          | 20          | 20          | 20          | 20          | 20           |
| Hydraulic Radius - computed (ft)                          | 1.00   | 1.00        | 1.00        | 1.00        | 1.00        | 1.00        | 1.00        | 1.00        | 1.00         |
| Channel Slope (ft/ft)                                     | 0.0189   | 0.0849      | 0.01        | 0.0139      | 0.0184      | 0.032       | 0.009       | 0.016       | 0.013        |
| Manning's Roughness Coefficient                           | 0.03   | 0.03        | 0.03        | 0.03        | 0.03        | 0.03        | 0.03        | 0.03        | 0.03         |
| Average Velocity - computed (ft/s)                        | 6.83   | 14.47       | 4.97        | 5.86        | 6.74        | 8.88        | 4.71        | 6.28        | 5.66         |
| Flow Length (ft)  | 0  | 0           | 544         | 0           | 0           | 0           | 0           | 700         | 3460         |
| <b>Channel Flow Tt (hr)</b>                               | <b>0.00</b>  | <b>0.00</b> | <b>0.03</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.03</b> | <b>0.17</b>  |
| <b>Pipe Flow Characteristics</b>                          |  |             |             |             |             |             |             |             |              |
| Average Velocity (ft/s)                                   | 6  | 6           | 6           | 6           | 6           | 6           | 6           | 6           | 2962.7519    |
| Flow Length (ft)  | 1246   | 1799        | 2873        | 3137        | 3324        | 2285        | 4441        | 0           | 2962.7519    |
| <b>Pipe Flow Tt (hr)</b>                                  | <b>0.06</b>  | <b>0.08</b> | <b>0.13</b> | <b>0.15</b> | <b>0.15</b> | <b>0.11</b> | <b>0.21</b> | <b>0.00</b> | <b>0.00</b>  |
| <b>Watershed Time of travel (hr)</b>                      | <b>0.07</b>  | <b>0.10</b> | <b>0.19</b> | <b>0.19</b> | <b>0.17</b> | <b>0.13</b> | <b>0.23</b> | <b>0.15</b> | <b>0.32</b>  |
| Number of watersheds                                      | 25   |             |             |             |             |             |             |             |              |
| MXD Path  | Sloan.mxd  |             |             |             |             |             |             |             |              |
| Stored workbook   |  |             | 3517        | 3187        |             |             |             |             |              |
| \$AVHOME directory  |  |             |             |             |             |             |             |             |              |
| Name of the table to store the results of the calculation | Subbasin480  |             |             |             |             |             |             |             |              |
| Workspace path  | per by Discipline\Drainage\SloanCreek\SloanCreek.gdt |             |             |             |             |             |             |             |              |
| <b>CN lag time (Minutes)</b>                              | <b>2.60</b>  | <b>3.54</b> | <b>6.70</b> | <b>6.90</b> | <b>5.95</b> | <b>4.82</b> | <b>8.31</b> | <b>5.48</b> | <b>11.51</b> |

# Appendix E: Master Plan Development

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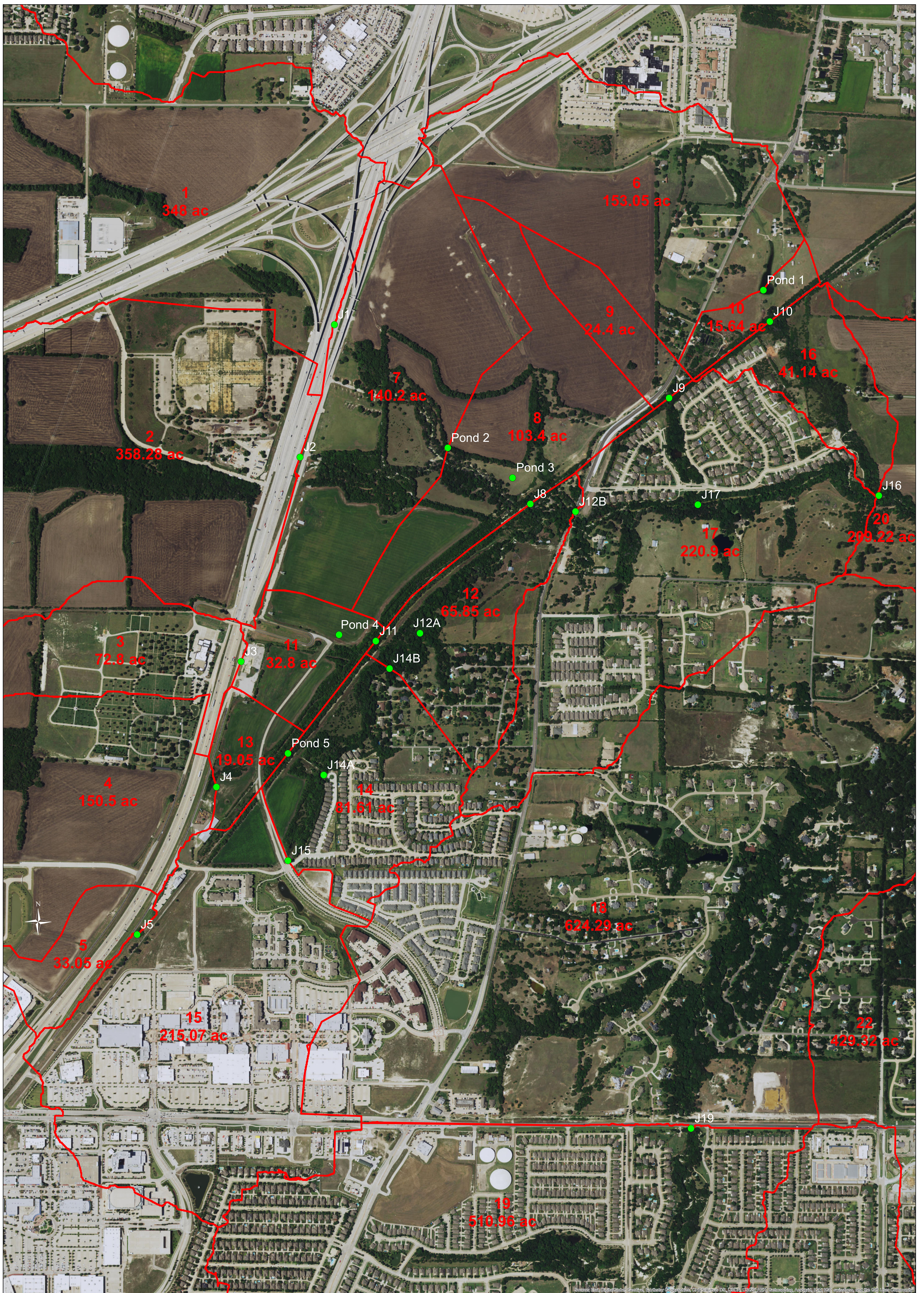
Proposed Conditions Drainage Map

Master Plan Detention Layout

Conceptual Detention Grading & Typical Sections

Conceptual Drop Structure Plan, Typical Sections and Stream Profiles





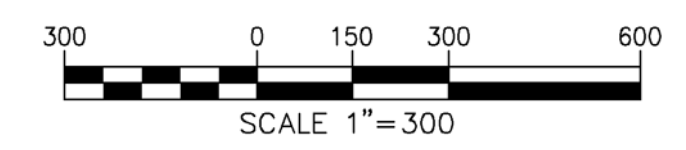
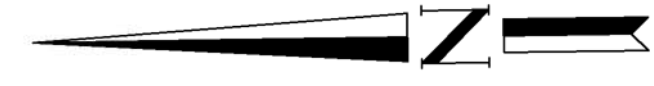
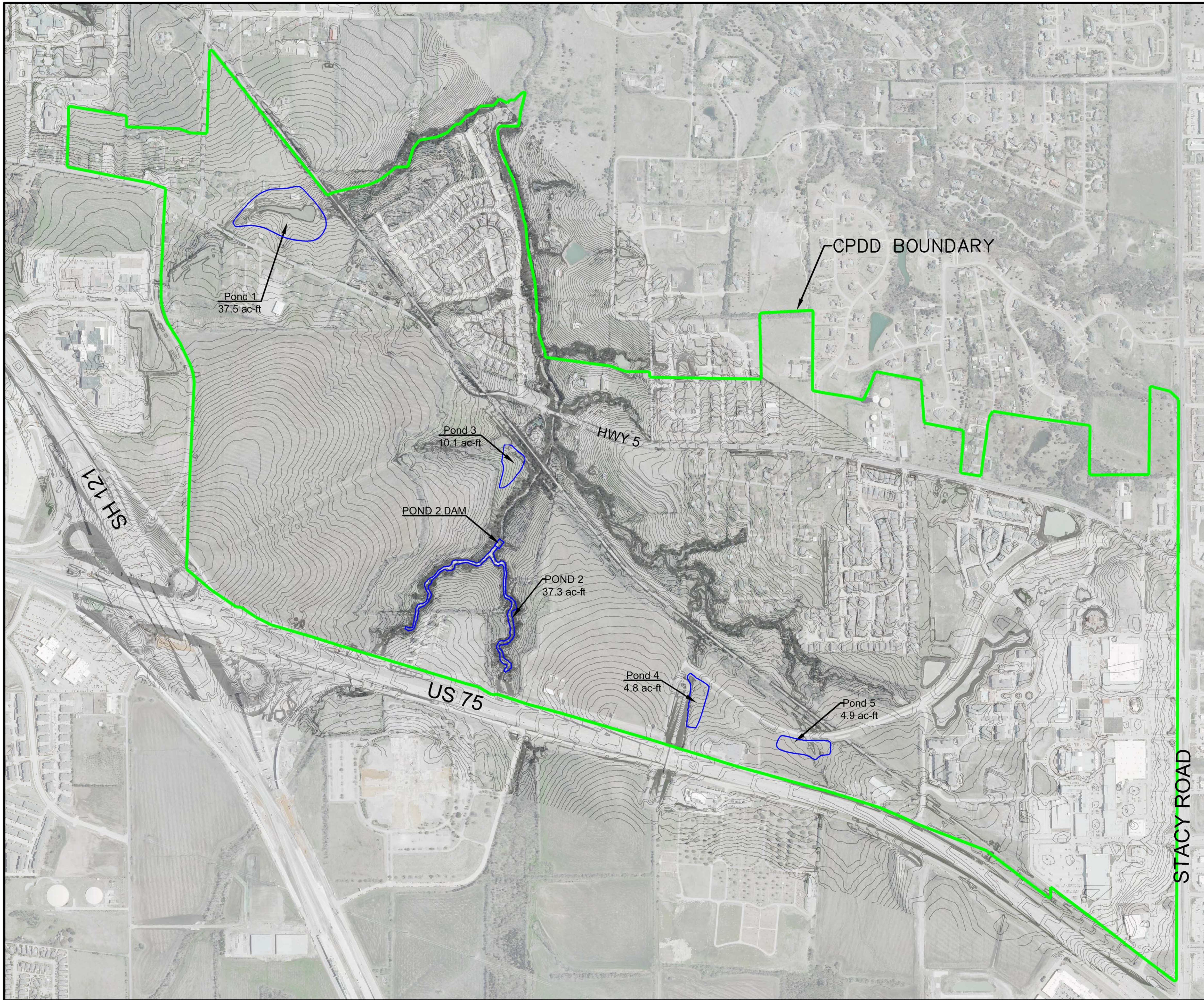
**Legend**

- Junction
- ▭ Subbasin Delineation

CPDD Proposed Drainage Area Map

0 250 500 1,000 1,500 2,000 Feet

**HUITT-ZOLLARS**



| MARK | DESCRIPTION | DATE | APPR. |
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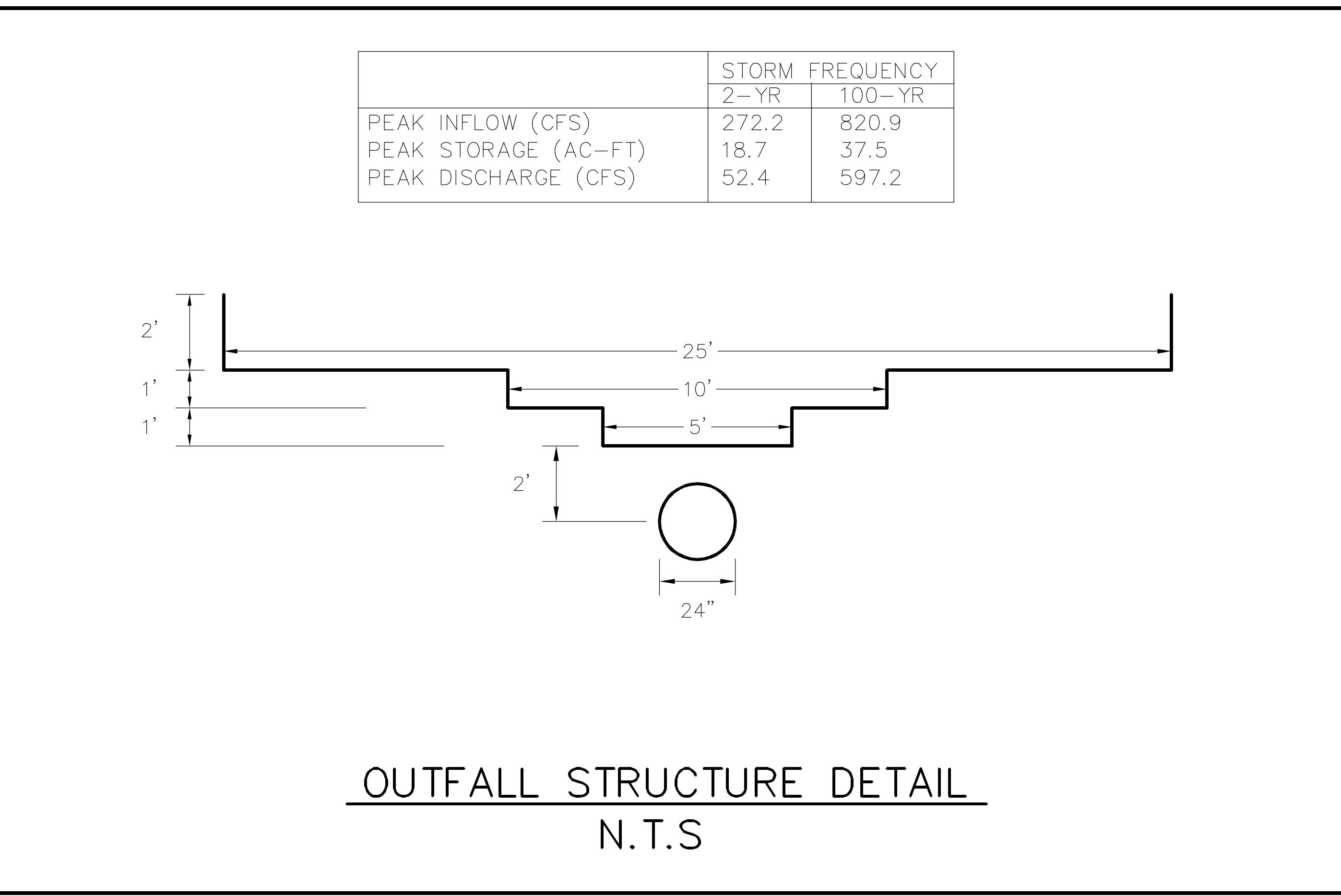
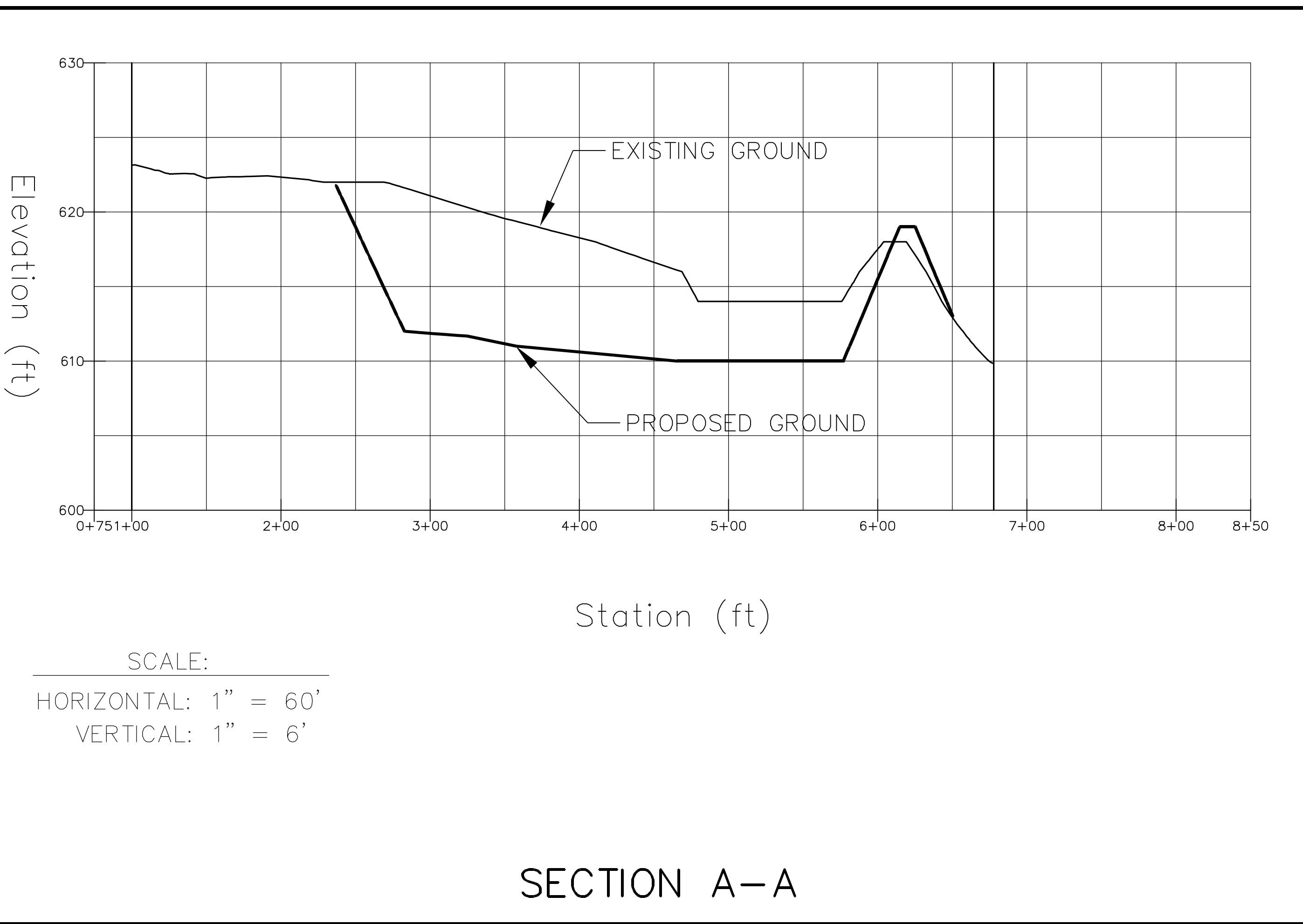
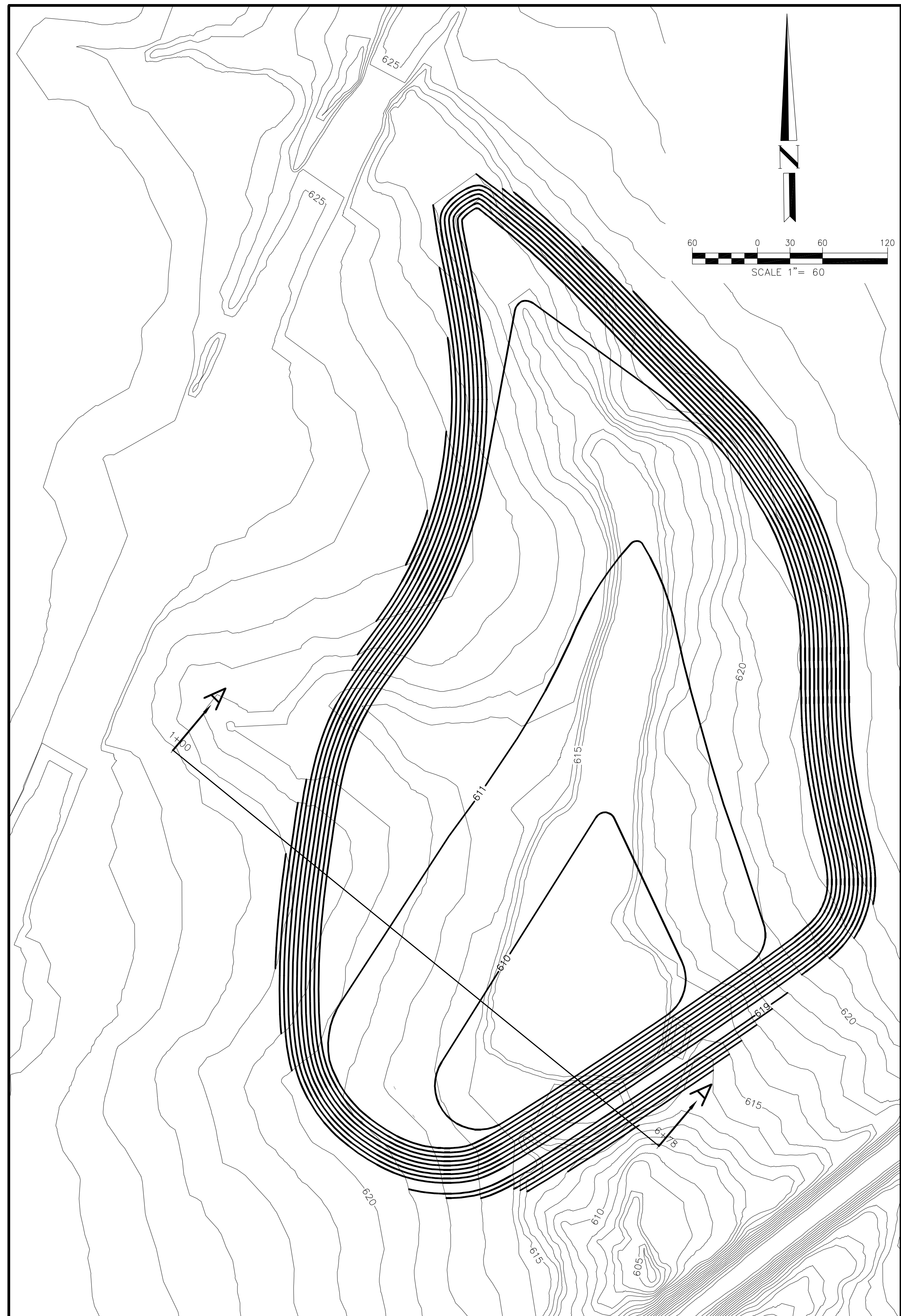
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TOWN OF FAIRVIEW, TEXAS  
**HUITZOLARS**  
 Huitzolars, Inc.  
 1717 McKinney Ave, Suite 1400  
 Dallas, Texas 75202  
 Phone (214) 871-3311 Fax (214) 871-0757

CPDD MASTER DRAINAGE PLAN  
**CPDD  
 DETENTION  
 PLAN**



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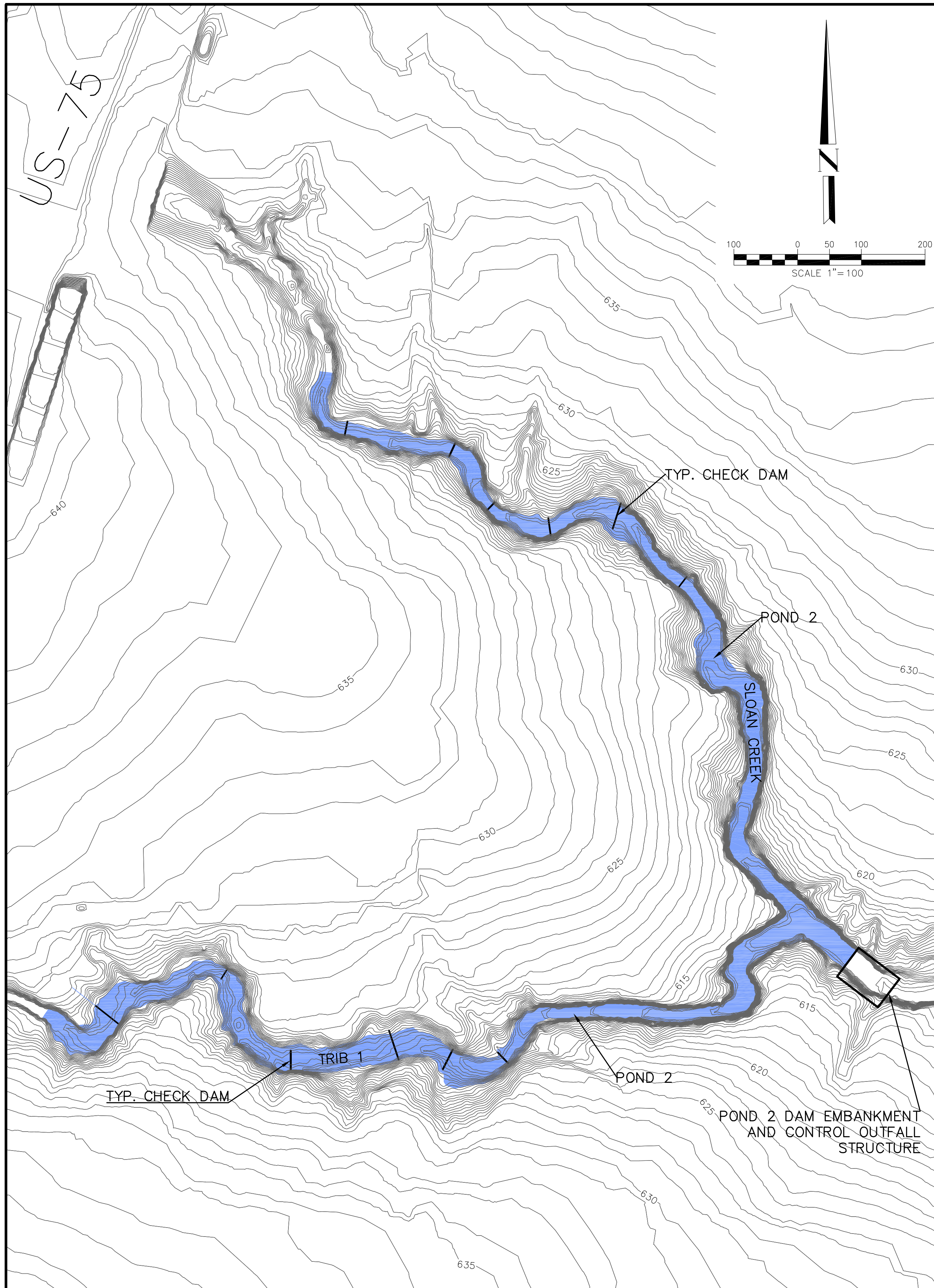
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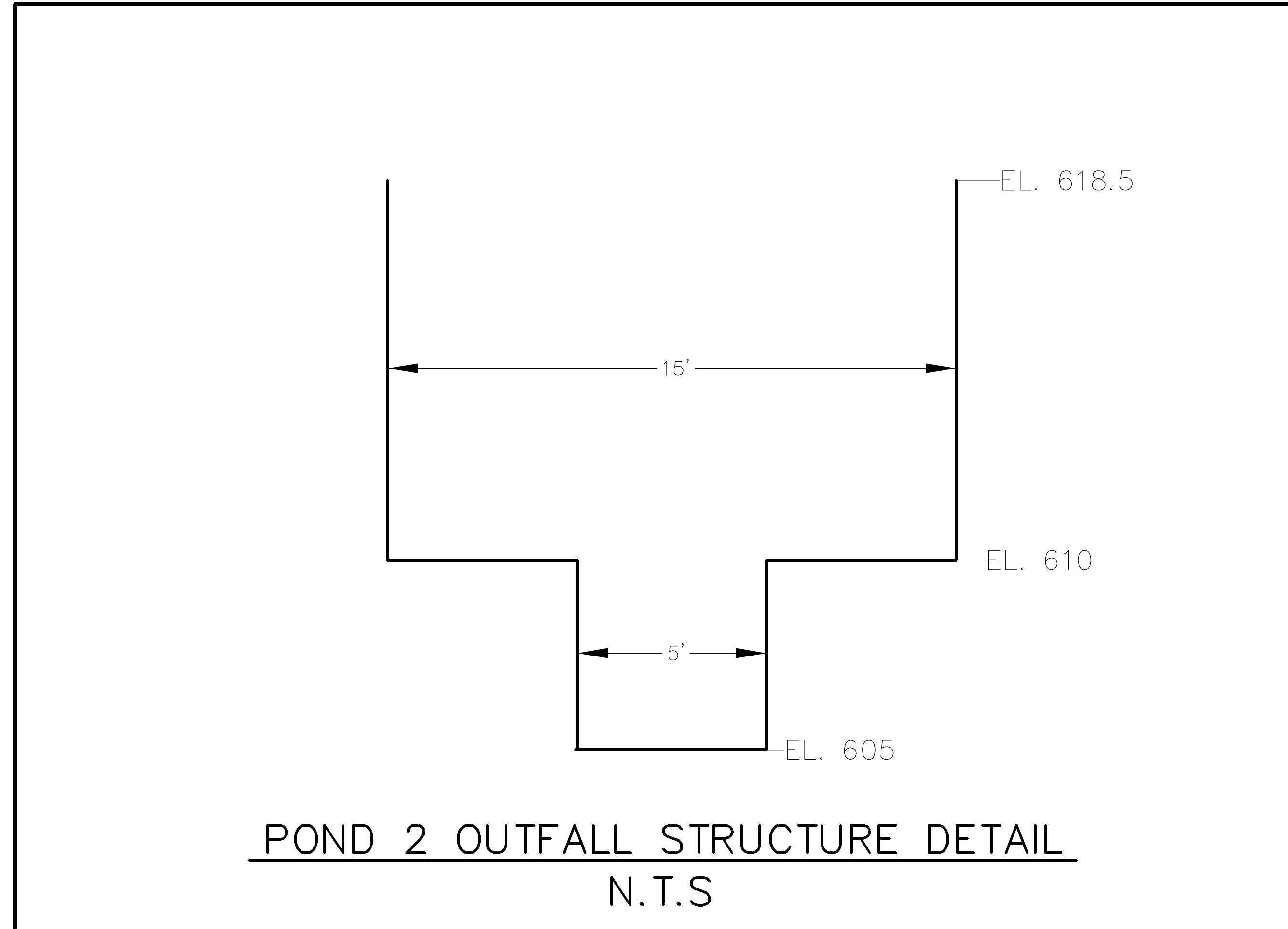
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CPDD MASTER DRAINAGE PLAN

POND 1



|                      | STORM FREQUENCY |        |
|----------------------|-----------------|--------|
|                      | 2-YR            | 100-YR |
| PEAK INFLOW (CFS)    | 680.0           | 2347.0 |
| PEAK STORAGE (AC-FT) | 15.1            | 37.7   |
| PEAK DISCHARGE (CFS) | 652.5           | 2245.3 |

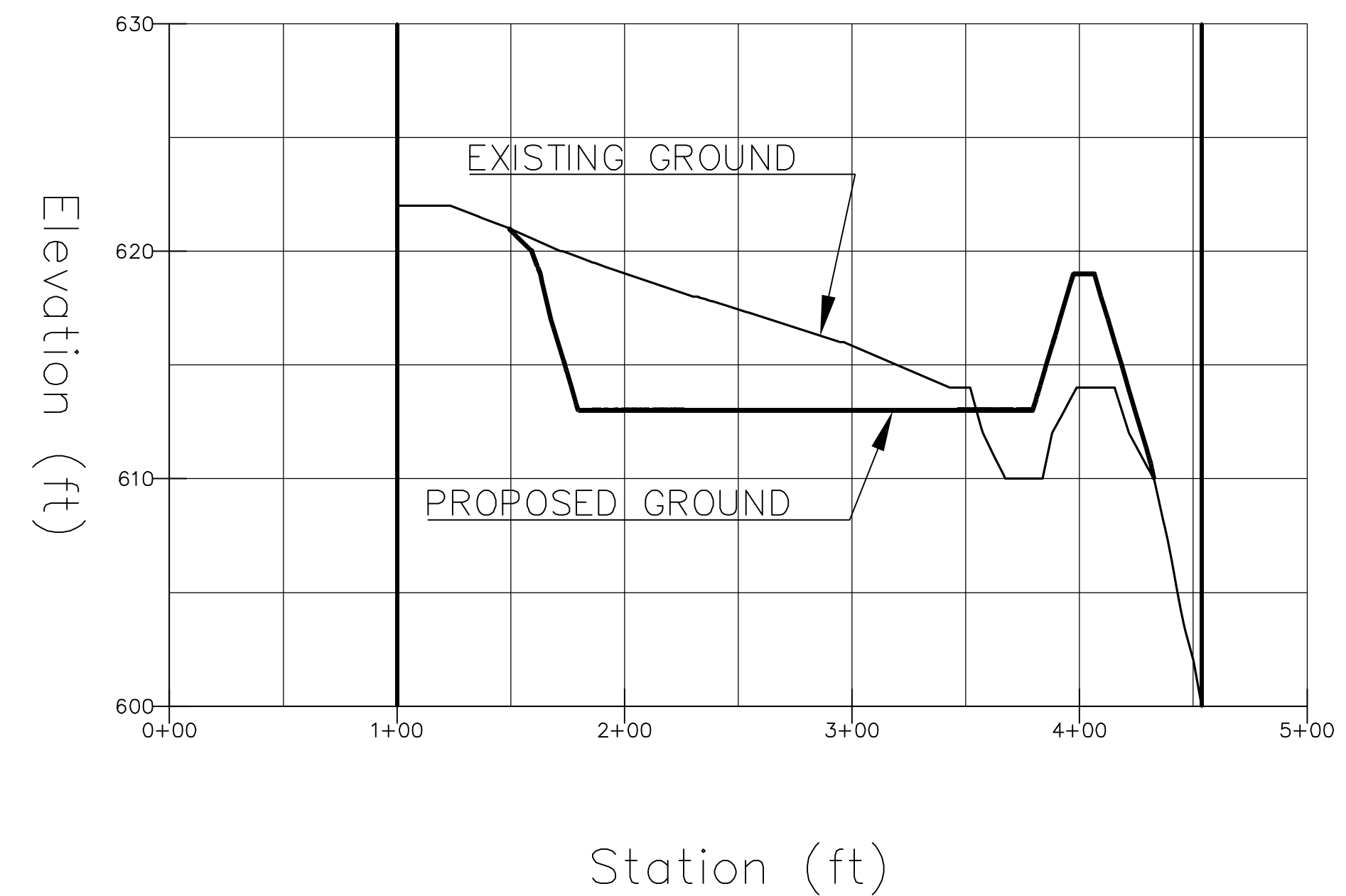
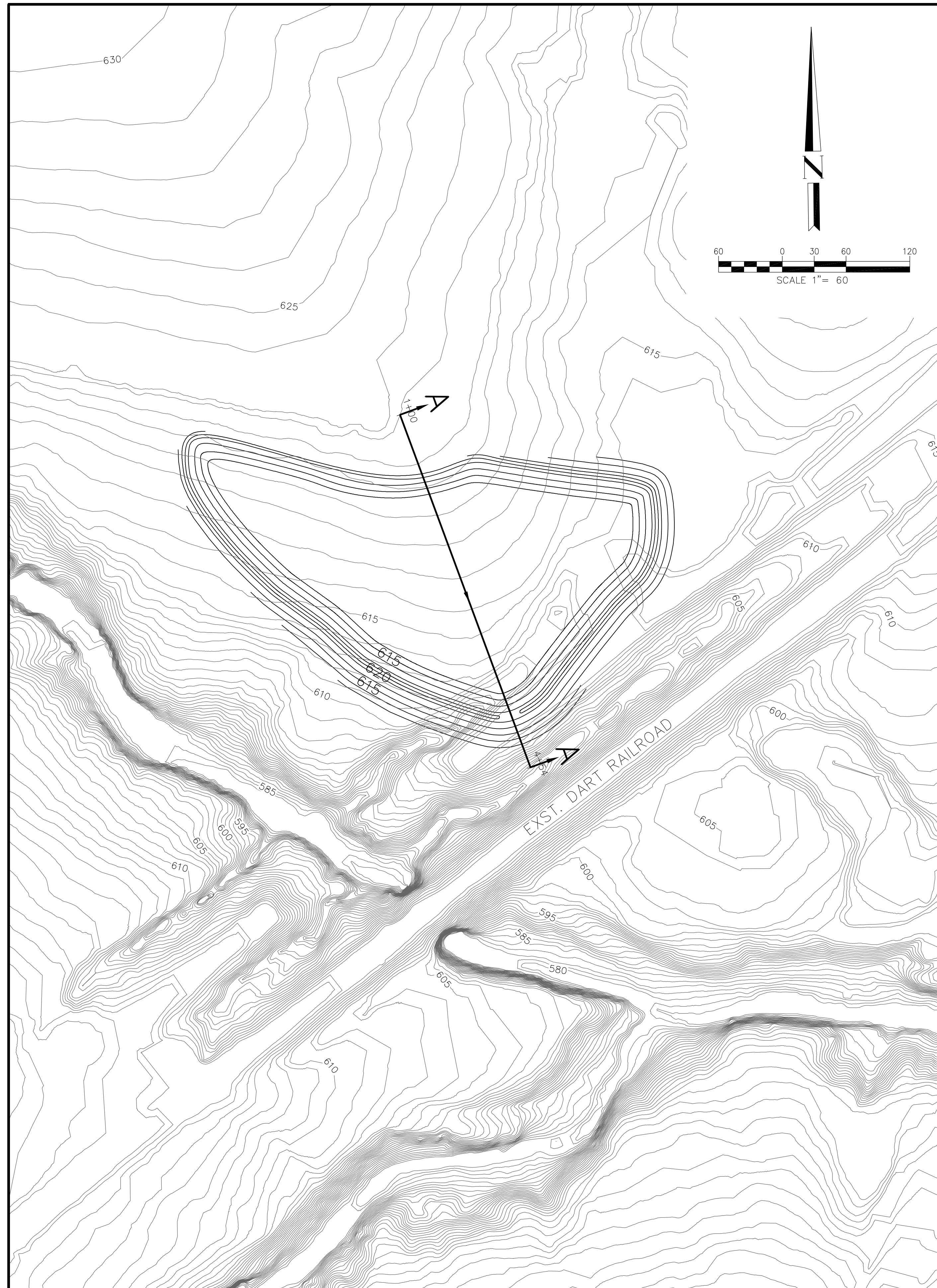


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| DRAWN BY:<br>KL    | JOB NO.:          | PLOT DATE:    |                    |

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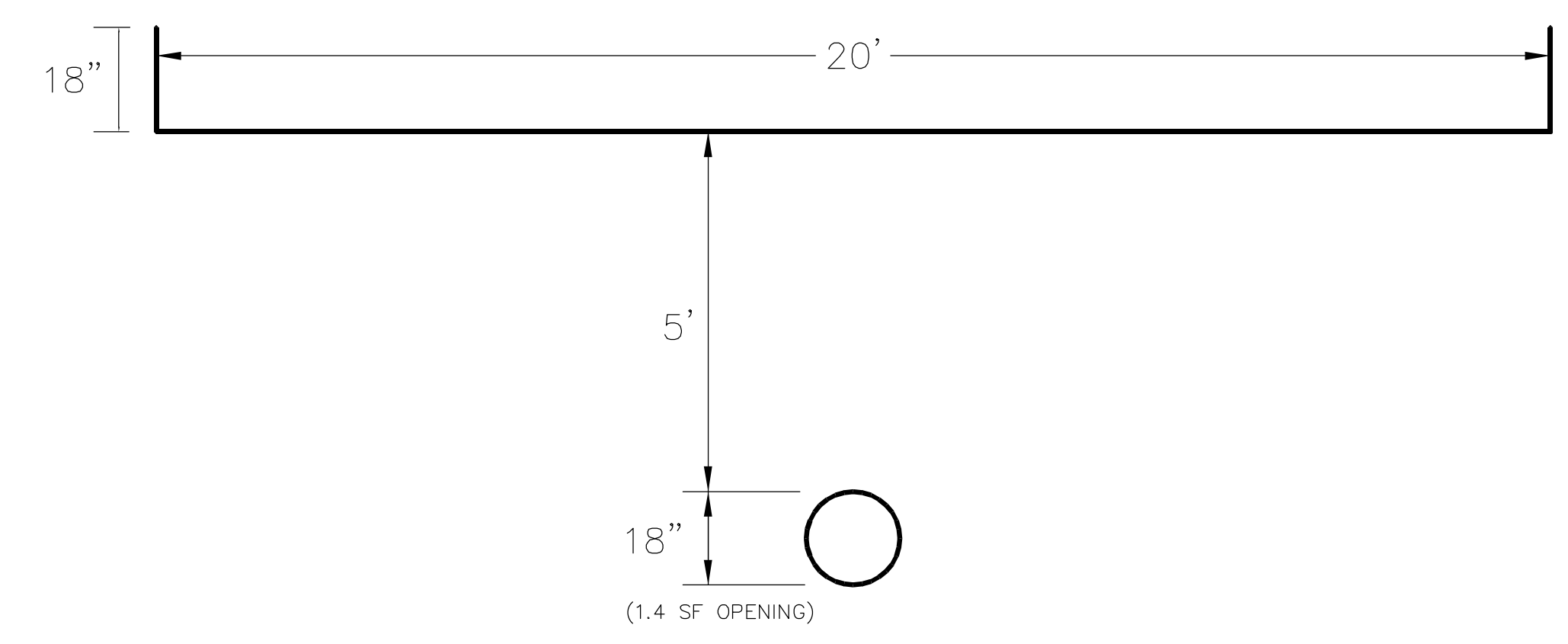
CPDD MASTER DRAINAGE PLAN  
**POND 2**



SCALE:  
 HORIZONTAL: 1" = 60'  
 VERTICAL: 1" = 6'

SECTION A-A

|                      | STORM FREQUENCY |
|----------------------|-----------------|
|                      | 2-YR            |
| PEAK INFLOW (CFS)    | 119.2           |
| PEAK STORAGE (AC-FT) | 8.2             |
| PEAK DISCHARGE (CFS) | 15.7            |



OUTFALL STRUCTURE DETAIL  
 N.T.S



| MARK | DESCRIPTION | DATE | APPR. |
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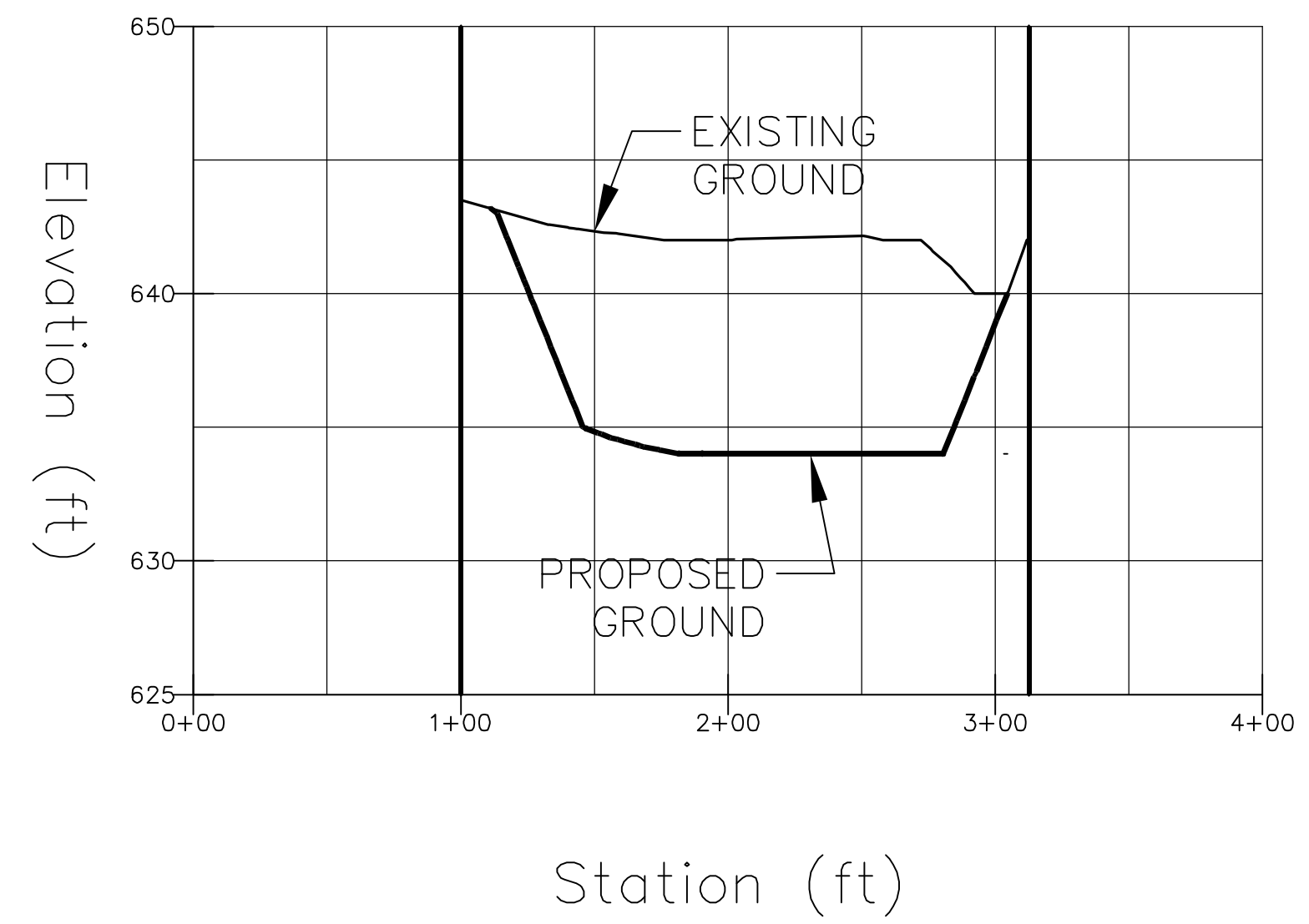
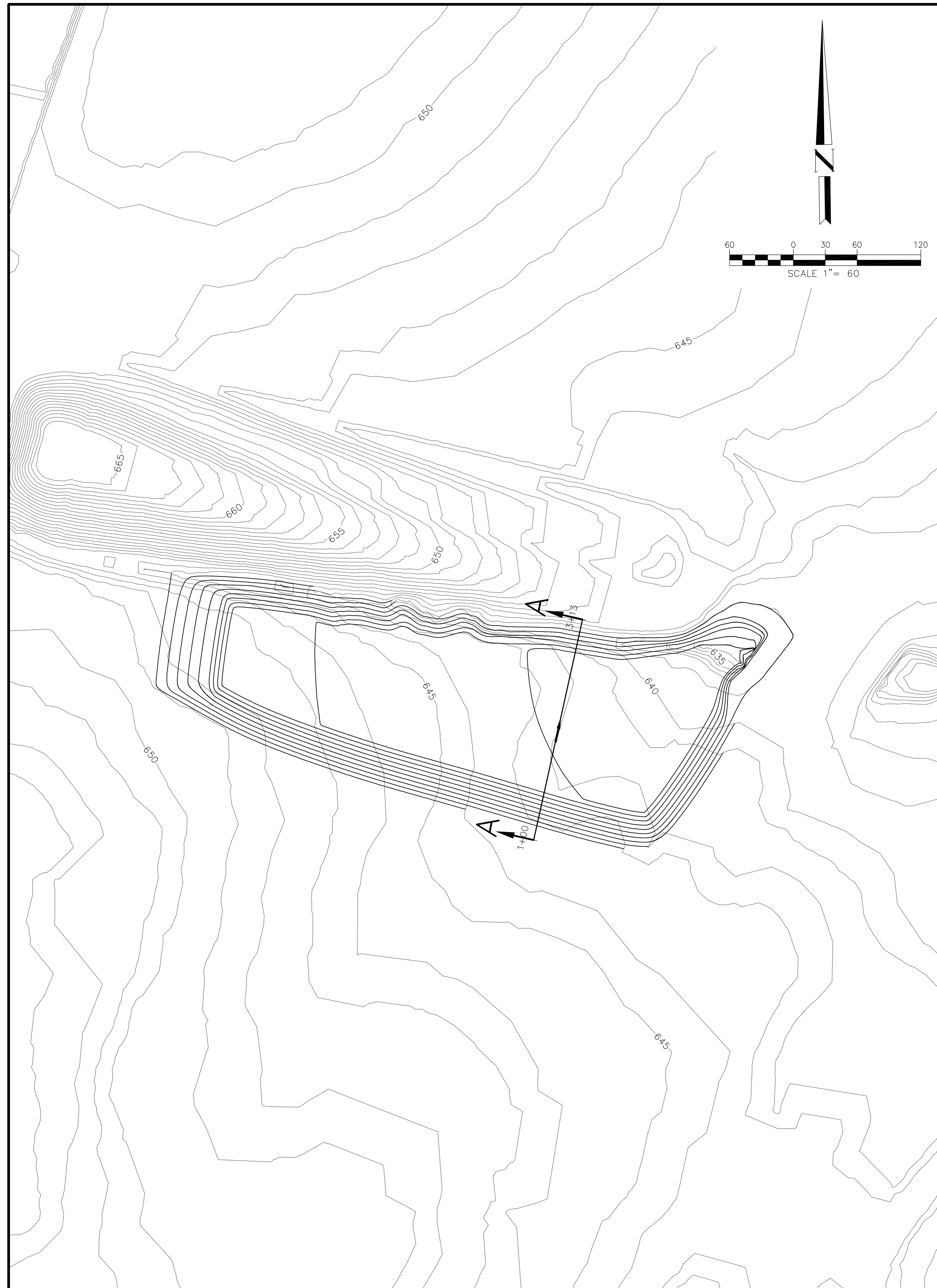
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 SCALE: AS SHOWN

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 Phone: (214) 871-3311 Fax: (214) 871-0757

CPDD MASTER DRAINAGE PLAN

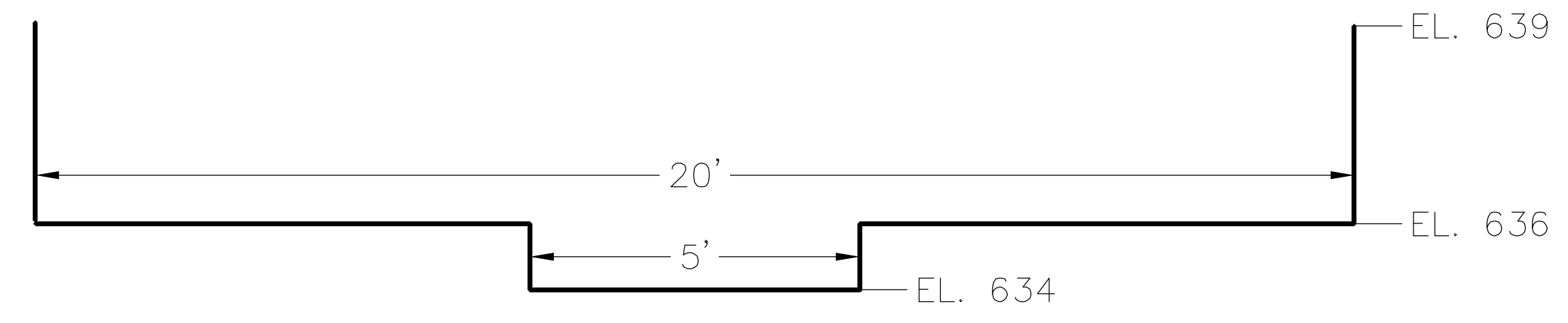
POND 3



SCALE:  
 HORIZONTAL: 1" = 60'  
 VERTICAL: 1" = 6'

SECTION A-A

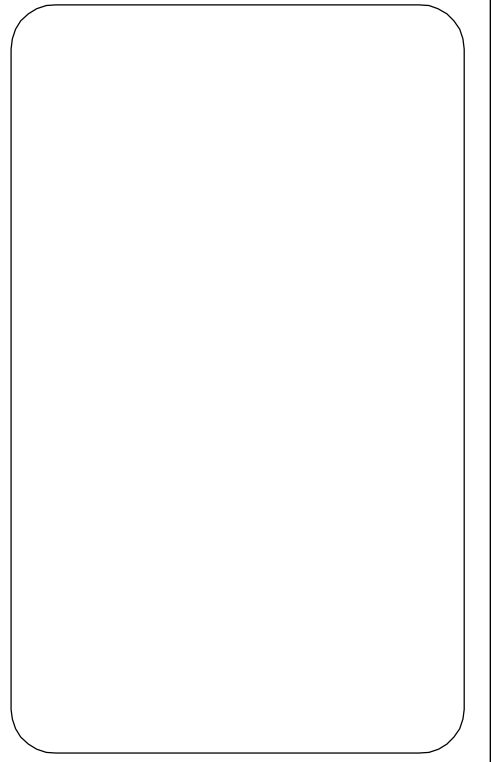
|                      | STORM FREQUENCY |        |
|----------------------|-----------------|--------|
|                      | 2-YR            | 100-YR |
| PEAK INFLOW (CFS)    | 84.2            | 294.5  |
| PEAK STORAGE (AC-FT) | 2.6             | 4.8    |
| PEAK DISCHARGE (CFS) | 77.8            | 282.3  |



OUTFALL STRUCTURE DETAIL  
 N.T.S



| MARK | DESCRIPTION | DATE | APPR. |
|------|-------------|------|-------|
|      |             |      |       |
|      |             |      |       |
|      |             |      |       |
|      |             |      |       |
|      |             |      |       |
|      |             |      |       |
|      |             |      |       |
|      |             |      |       |
|      |             |      |       |
|      |             |      |       |



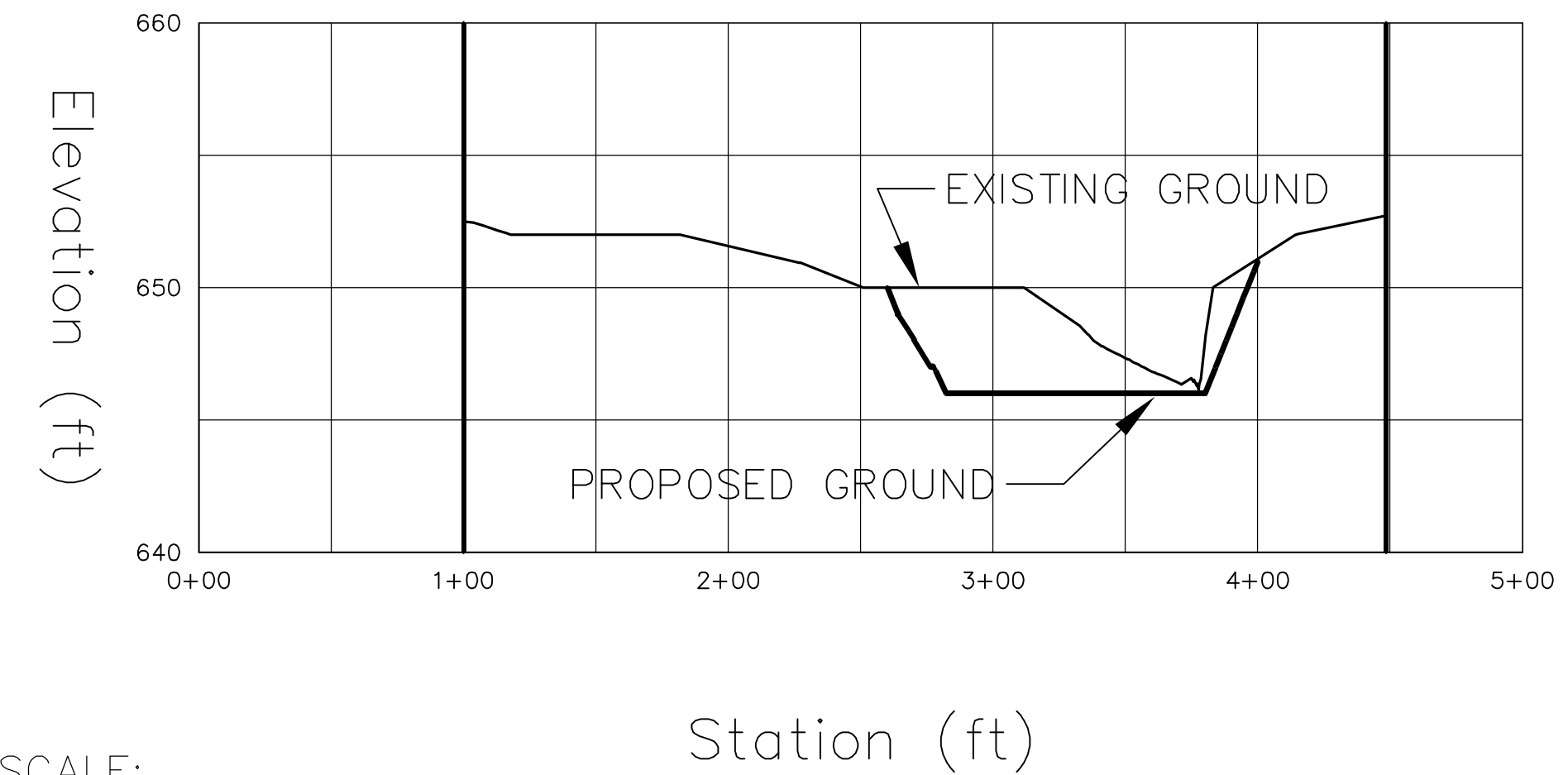
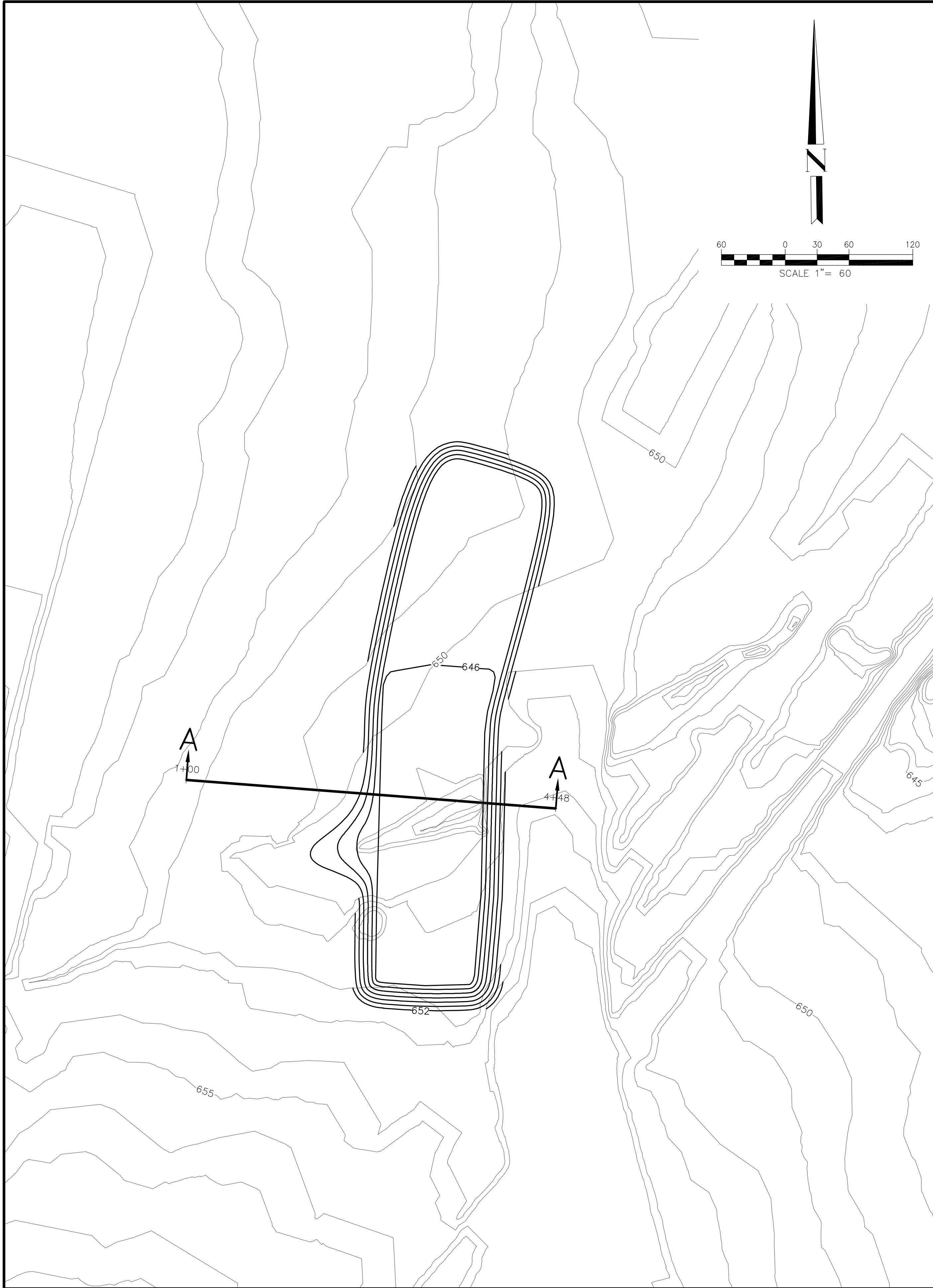
|                    |                 |                         |               |          |            |                    |
|--------------------|-----------------|-------------------------|---------------|----------|------------|--------------------|
| DESIGNED BY:<br>GL | DRAWN BY:<br>KL | CHECKED BY:<br>HD       | DRAWING CODE: | JOB NO.: | PLOT DATE: | SCALE:<br>AS SHOWN |
|                    |                 | TOWN OF FAIRVIEW, TEXAS |               |          |            |                    |

CPDD MASTER DRAINAGE PLAN

POND 4



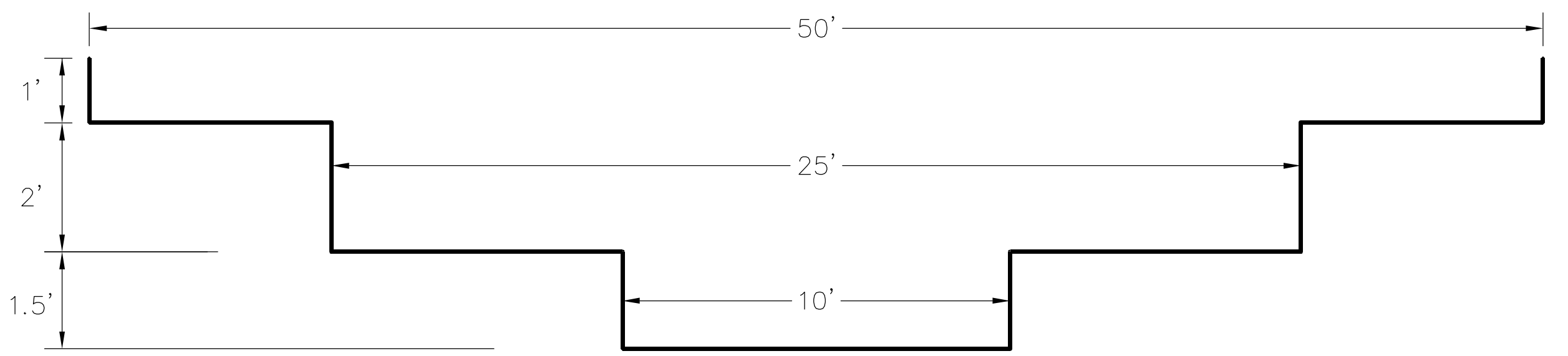
| MARK | DESCRIPTION | DATE | APPR. |
|------|-------------|------|-------|
|      |             |      |       |
|      |             |      |       |
|      |             |      |       |
|      |             |      |       |
|      |             |      |       |
|      |             |      |       |
|      |             |      |       |
|      |             |      |       |
|      |             |      |       |
|      |             |      |       |



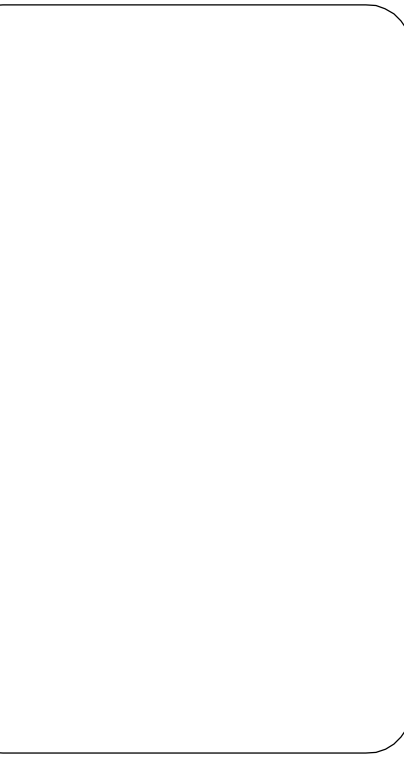
SCALE:  
 HORIZONTAL: 1" = 60'  
 VERTICAL: 1" = 6'

SECTION A-A

|                      | STORM FREQUENCY |        |
|----------------------|-----------------|--------|
|                      | 2-YR            | 100-YR |
| PEAK INFLOW (CFS)    | 168.2           | 594.2  |
| PEAK STORAGE (AC-FT) | 2.4             | 4.9    |
| PEAK DISCHARGE (CFS) | 159.2           | 564.9  |



OUTFALL STRUCTURE DETAIL  
 N.T.S



|  |                   |                    |
|--|-------------------|--------------------|
| DESIGNED BY:<br>GL   | CHECKED BY:<br>HD | SCALE:<br>AS SHOWN |
| DRAWN BY:<br>KL  | DRAWING CODE:     | JOB NO.:           |
| TOWN OF FAIRVIEW, TEXAS  |                   | PLOT DATE:         |
| <b>HUITZOLARS</b><br>Huitzolars, Inc.<br>1717 McKinney Ave, Suite 1400<br>Dallas, Texas 75202<br>Phone (214) 871-3311 Fax (214) 871-0757 |                   |                    |

CPDD MASTER DRAINAGE PLAN  
 POND 5

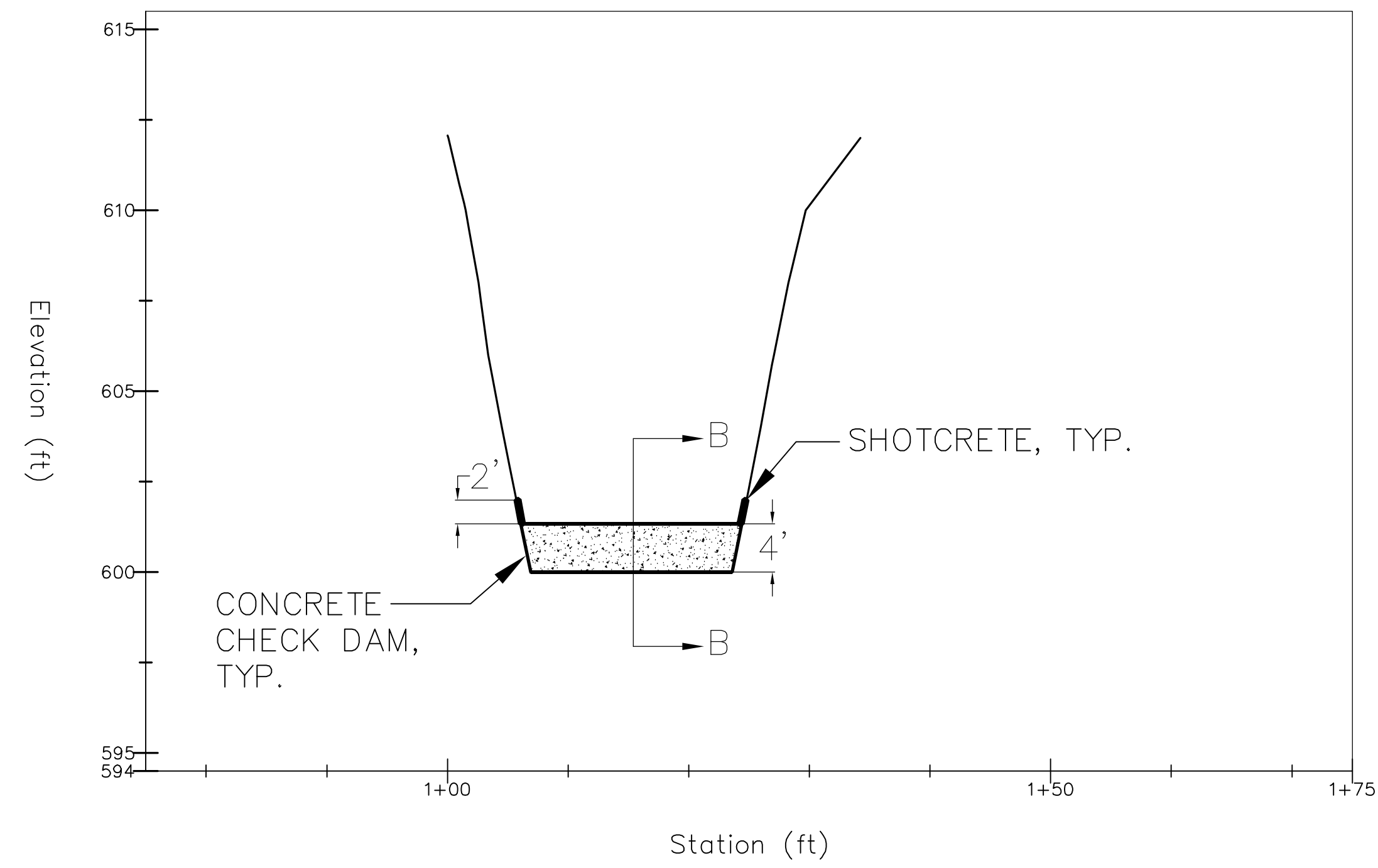


| MARK | DESCRIPTION | DATE | APPR. |
|------|-------------|------|-------|
|      |             |      |       |
|      |             |      |       |
|      |             |      |       |

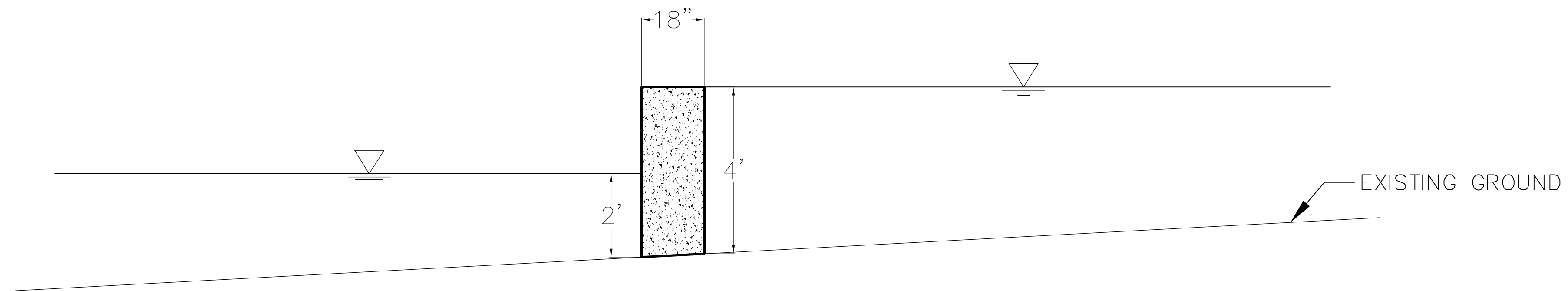
|                         |                   |            |                    |
|-------------------------|-------------------|------------|--------------------|
| DESIGNED BY:<br>HD      | CHECKED BY:<br>HD | JOB NO.:   | SCALE:<br>AS SHOWN |
| DRAWN BY:<br>AL         | DRAWING CODE:     | PLOT DATE: |                    |
| TOWN OF FAIRVIEW, TEXAS |                   |            |                    |

CPDD MASTER DRAINAGE PLAN  
TYPICAL CHECK DAM  
DETAIL

Sheet Reference Number  
**1 OF 1**



TYPICAL CHECK DAM SECTION A  
N.T.S

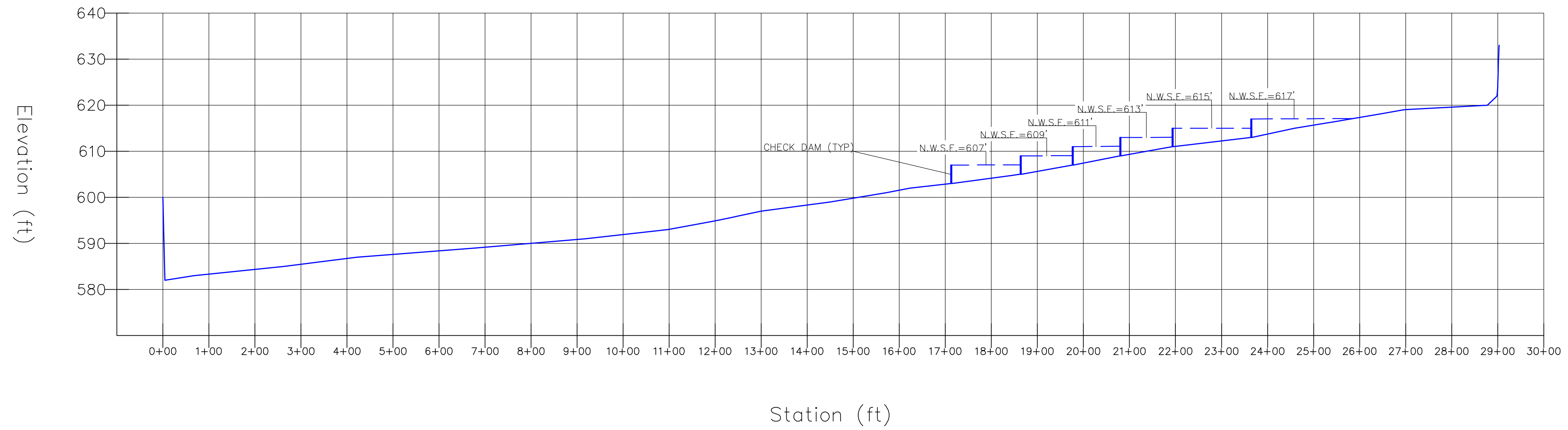


TYPICAL CHECK DAM PROFILE B  
N.T.S





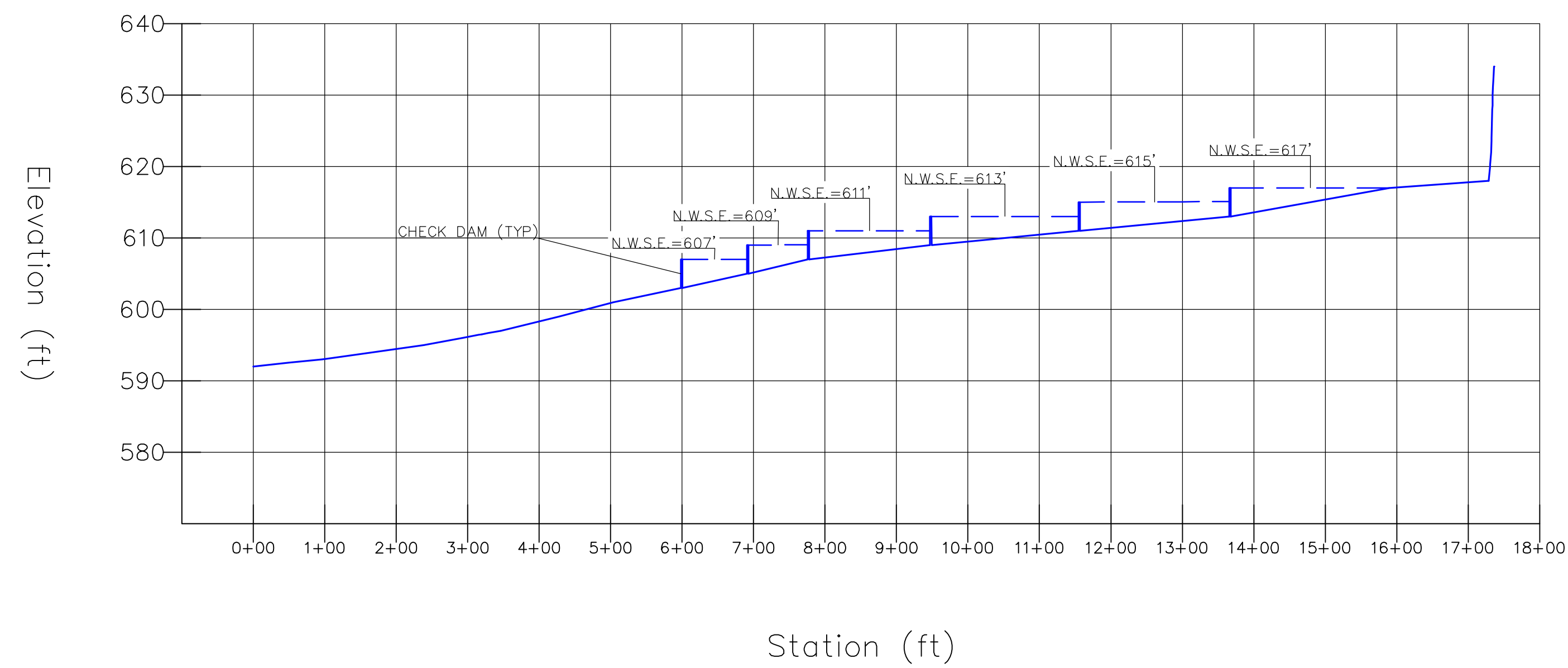
Profile View of Sloan Creek



SCALE:  
 HORIZONTAL: 1"=150'  
 VERTICAL: 1"=15'

| MARK | DESCRIPTION | DATE | APPR. |
|------|-------------|------|-------|
|      |             |      |       |
|      |             |      |       |
|      |             |      |       |

Profile View of Sloan Creek-Tributary 1



SCALE:  
 HORIZONTAL: 1"=150'  
 VERTICAL: 1"=15'

|  |                   |                    |
|--|-------------------|--------------------|
| DESIGNED BY:<br>GL   | CHECKED BY:<br>HD | SCALE:<br>AS SHOWN |
| DRAWN BY:<br>KL  | DRAWING CODE:     | JOB NO.:           |
| TOWN OF FAIRVIEW, TEXAS  |                   | PLOT DATE:         |
| <b>HUITZOLARS</b><br>Huitzolars, Inc.<br>1717 McKinney Ave, Suite 1400<br>Dallas, Texas 75202<br>Phone (214) 871-3311 Fax (214) 871-0757 |                   |                    |

CPDD MASTER DRAINAGE PLAN  
 SLOAN CREEK  
 STREAM PROFILES

# Appendix F: Open Space Master Plan

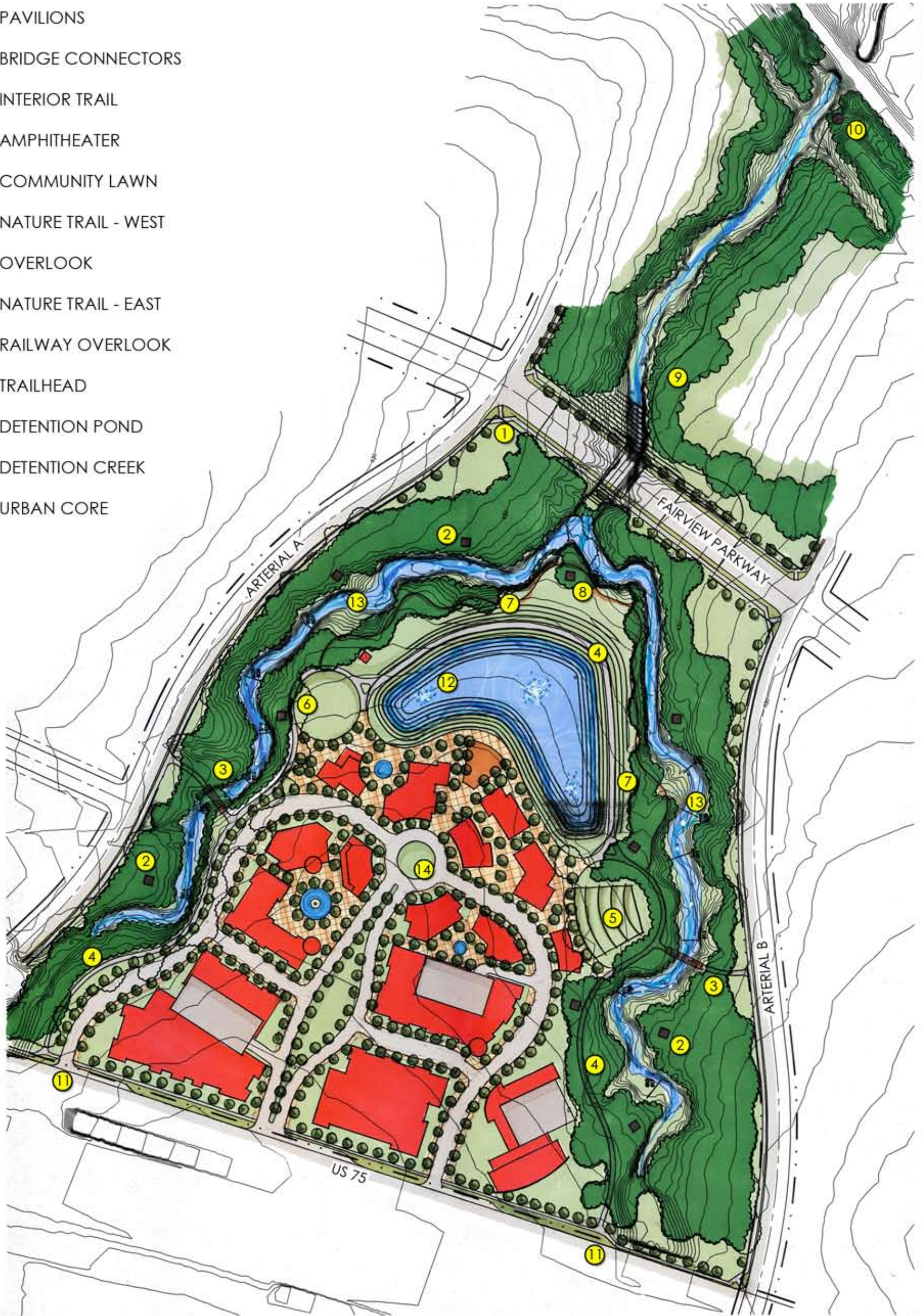
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# FAIRVIEW OPEN SPACE PLAN

TOWN OF FAIRVIEW, TEXAS

## LEGEND

- ① PERIMETER SIDEWALK / TRAIL
- ② PAVILIONS
- ③ BRIDGE CONNECTORS
- ④ INTERIOR TRAIL
- ⑤ AMPHITHEATER
- ⑥ COMMUNITY LAWN
- ⑦ NATURE TRAIL - WEST
- ⑧ OVERLOOK
- ⑨ NATURE TRAIL - EAST
- ⑩ RAILWAY OVERLOOK
- ⑪ TRAILHEAD
- ⑫ DETENTION POND
- ⑬ DETENTION CREEK
- ⑭ URBAN CORE



# FAIRVIEW OPEN SPACE PLAN

TOWN OF FAIRVIEW, TEXAS

## LEGEND

- ① FUTURE TRAIL \*
- ② TRAIL TO FUTURE PARK \*
- ③ INTERIOR TRAIL
- ④ BENCHES
- ⑤ DETENTION POND
- ⑥ PROPOSED TREES
- ⑦ EXISTING TREES
- ⑧ OPEN SPACE

\* FUTURE TRAILS PER PARKS, OPEN SPACE & RECREATION MASTER PLAN



# Appendix G: Hydromodification Assessment

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Continuous Precipitation Data Table

Continuous Evaporation Data Table

Existing Saturation Fraction Table

Proposed Saturation Fraction Table

## Lavon Dam Station 15 Minute Precipitation Data for Years 1893-2012

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 01/01/83 00:15 | 0.10                         |
| 01/04/83 11:15 | 0.00                         |
| 01/18/83 20:15 | 0.10                         |
| 01/31/83 10:30 | 0.10                         |
| 01/31/83 10:45 | 0.40                         |
| 01/31/83 11:00 | 0.10                         |
| 01/31/83 11:15 | 0.50                         |
| 01/31/83 11:30 | 0.10                         |
| 01/31/83 11:45 | 0.30                         |
| 01/31/83 12:00 | 0.60                         |
| 01/31/83 12:15 | 0.10                         |
| 01/31/83 12:45 | 0.10                         |
| 01/31/83 14:30 | 0.10                         |
| 01/31/83 19:00 | 0.20                         |
| 01/31/83 19:15 | 0.40                         |
| 01/31/83 19:30 | 0.20                         |
| 01/31/83 20:00 | 0.10                         |
| 01/31/83 21:15 | 0.10                         |
| 01/31/83 23:15 | 0.10                         |
| 02/01/83 00:15 | 0.00                         |
| 02/04/83 20:00 | 0.10                         |
| 02/05/83 03:45 | 0.10                         |
| 02/05/83 04:30 | 0.10                         |
| 02/09/83 07:15 | 0.10                         |
| 02/20/83 06:15 | 0.10                         |
| 02/20/83 07:15 | 0.10                         |
| 02/20/83 08:00 | 0.10                         |
| 02/20/83 08:45 | 0.10                         |
| 02/20/83 09:30 | 0.10                         |
| 02/20/83 09:45 | 0.10                         |
| 02/20/83 10:00 | 0.10                         |
| 02/20/83 10:30 | 0.20                         |
| 02/20/83 10:45 | 0.40                         |
| 02/20/83 11:00 | 0.40                         |
| 02/20/83 11:15 | 0.30                         |
| 02/20/83 11:30 | 0.10                         |
| 02/20/83 12:15 | 0.10                         |
| 02/20/83 13:00 | 0.10                         |
| 02/20/83 13:45 | 0.10                         |
| 02/20/83 14:45 | 0.10                         |
| 02/20/83 15:30 | 0.10                         |
| 02/20/83 16:00 | 0.10                         |
| 02/21/83 16:00 | 0.10                         |
| 02/22/83 08:30 | 0.10                         |
| 03/01/83 00:15 | 0.00                         |
| 03/01/83 10:15 | 0.00                         |
| 04/01/83 00:15 | 0.00                         |
| 05/01/83 00:15 | 0.00                         |
| 06/01/83 00:15 | 0.00                         |
| 07/01/83 00:15 | 0.00                         |
| 07/01/83 09:15 | 0.00                         |
| 07/05/83 04:15 | 0.00                         |
| 07/05/83 05:00 | 0.50                         |
| 07/05/83 05:15 | 0.00                         |
| 07/05/83 06:00 | 1.70                         |
| 07/05/83 06:15 | 0.00                         |
| 07/05/83 07:00 | 0.20                         |
| 07/05/83 07:15 | 0.00                         |
| 07/05/83 08:00 | 0.10                         |
| 07/16/83 10:15 | 0.00                         |
| 07/16/83 11:00 | 0.10                         |
| 07/16/83 12:15 | 0.00                         |
| 07/16/83 13:00 | 0.20                         |
| 08/01/83 00:15 | 0.00                         |
| 08/01/83 13:15 | 0.00                         |
| 09/01/83 00:15 | 0.00                         |
| 10/01/83 00:15 | 0.00                         |
| 11/01/83 00:15 | 0.00                         |
| 12/01/83 00:15 | 0.00                         |
| 12/01/83 21:15 | 0.00                         |
| 12/01/83 22:00 | 0.10                         |
| 12/02/83 07:15 | 0.00                         |
| 12/02/83 08:00 | 0.30                         |
| 12/02/83 08:15 | 0.00                         |
| 12/02/83 09:00 | 0.10                         |
| 12/16/83 02:15 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 12/16/83 03:00 | 0.10                         |
| 12/16/83 05:15 | 0.00                         |
| 12/16/83 06:00 | 0.10                         |
| 01/01/84 00:15 | 0.00                         |
| 02/01/84 00:15 | 0.00                         |
| 03/01/84 00:15 | 0.00                         |
| 04/01/84 00:15 | 0.00                         |
| 04/02/84 08:15 | 0.00                         |
| 04/02/84 09:00 | 0.40                         |
| 04/02/84 10:00 | 0.10                         |
| 05/01/84 00:15 | 0.00                         |
| 05/03/84 09:30 | 0.00                         |
| 05/18/84 18:15 | 0.10                         |
| 05/19/84 13:15 | 0.10                         |
| 05/21/84 15:15 | 0.10                         |
| 05/26/84 09:30 | 0.10                         |
| 05/27/84 23:15 | 0.10                         |
| 05/27/84 23:45 | 0.20                         |
| 05/28/84 00:45 | 0.10                         |
| 05/28/84 01:15 | 0.10                         |
| 05/28/84 02:15 | 0.10                         |
| 05/31/84 13:15 | 0.10                         |
| 06/01/84 00:15 | 0.00                         |
| 06/03/84 02:00 | 0.10                         |
| 06/05/84 02:00 | 0.10                         |
| 06/06/84 04:00 | 0.10                         |
| 06/06/84 04:15 | 0.10                         |
| 06/06/84 04:30 | 0.30                         |
| 06/06/84 04:45 | 0.10                         |
| 06/06/84 05:30 | 0.10                         |
| 06/06/84 05:45 | 0.50                         |
| 06/06/84 06:00 | 0.20                         |
| 06/06/84 06:15 | 0.10                         |
| 06/06/84 07:15 | 0.10                         |
| 06/06/84 08:00 | 0.10                         |
| 06/07/84 02:00 | 0.10                         |
| 06/09/84 02:00 | 0.10                         |
| 06/15/84 16:15 | 0.00                         |
| 06/26/84 04:15 | 0.00                         |
| 06/26/84 05:00 | 0.10                         |
| 06/26/84 12:15 | 0.10                         |
| 06/26/84 12:30 | 0.40                         |
| 06/26/84 12:45 | 0.10                         |
| 06/26/84 15:30 | 0.10                         |
| 07/01/84 00:15 | 0.00                         |
| 07/02/84 17:00 | 0.10                         |
| 07/05/84 12:45 | 0.00                         |
| 08/01/84 00:15 | 0.00                         |
| 08/01/84 13:00 | 2.00                         |
| 08/07/84 00:15 | 0.10                         |
| 08/07/84 01:45 | 0.10                         |
| 08/11/84 15:15 | 0.10                         |
| 08/12/84 08:45 | 0.10                         |
| 08/12/84 09:30 | 0.10                         |
| 08/12/84 09:45 | 0.10                         |
| 08/14/84 03:45 | 0.10                         |
| 08/14/84 17:45 | 0.10                         |
| 08/23/84 08:15 | 0.10                         |
| 09/01/84 00:15 | 0.00                         |
| 09/02/84 18:45 | 0.70                         |
| 09/02/84 19:00 | 0.30                         |
| 09/03/84 10:45 | 0.10                         |
| 09/22/84 04:30 | 0.40                         |
| 09/22/84 04:45 | 0.10                         |
| 09/22/84 05:00 | 0.40                         |
| 09/22/84 05:15 | 0.20                         |
| 09/22/84 05:30 | 0.20                         |
| 09/22/84 05:45 | 0.20                         |
| 09/22/84 06:00 | 0.20                         |
| 09/22/84 06:15 | 0.10                         |
| 09/22/84 12:45 | 0.10                         |
| 09/25/84 17:15 | 0.10                         |
| 09/25/84 17:30 | 0.10                         |
| 09/26/84 06:15 | 0.10                         |
| 09/28/84 03:30 | 0.10                         |
| 09/28/84 05:30 | 0.10                         |
| 10/01/84 00:15 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 10/01/84 19:15 | 0.10                         |
| 10/04/84 22:00 | 0.10                         |
| 10/06/84 06:15 | 0.10                         |
| 10/06/84 18:15 | 0.10                         |
| 10/06/84 18:45 | 0.60                         |
| 10/06/84 19:00 | 0.20                         |
| 10/06/84 22:15 | 0.10                         |
| 10/06/84 23:00 | 0.10                         |
| 10/08/84 10:45 | 0.00                         |
| 10/08/84 12:00 | 0.00                         |
| 10/11/84 10:45 | 0.10                         |
| 10/11/84 11:45 | 0.10                         |
| 10/11/84 14:15 | 0.10                         |
| 10/12/84 04:30 | 0.10                         |
| 10/13/84 00:30 | 0.00                         |
| 11/01/84 00:15 | 0.00                         |
| 11/01/84 12:00 | 0.40                         |
| 11/01/84 12:15 | 0.10                         |
| 11/01/84 15:00 | 0.10                         |
| 11/17/84 18:00 | 0.10                         |
| 11/17/84 21:45 | 0.10                         |
| 11/17/84 22:00 | 0.10                         |
| 11/17/84 23:00 | 0.10                         |
| 11/17/84 23:15 | 0.10                         |
| 11/17/84 23:30 | 0.20                         |
| 11/17/84 23:45 | 0.10                         |
| 11/18/84 00:15 | 0.10                         |
| 11/18/84 00:45 | 0.10                         |
| 11/18/84 02:45 | 0.10                         |
| 11/18/84 04:15 | 0.10                         |
| 11/25/84 00:15 | 0.10                         |
| 11/25/84 01:00 | 0.10                         |
| 11/26/84 11:45 | 0.30                         |
| 11/26/84 12:00 | 0.20                         |
| 11/26/84 12:15 | 0.10                         |
| 11/26/84 14:00 | 0.20                         |
| 11/26/84 14:30 | 0.10                         |
| 11/26/84 15:45 | 0.10                         |
| 11/26/84 18:45 | 0.10                         |
| 12/01/84 00:15 | 0.00                         |
| 12/03/84 14:45 | 0.00                         |
| 01/01/85 00:15 | 0.00                         |
| 01/09/85 13:15 | 0.10                         |
| 01/16/85 05:30 | 0.10                         |
| 01/16/85 06:45 | 0.10                         |
| 01/16/85 07:45 | 0.10                         |
| 01/16/85 09:30 | 0.10                         |
| 01/16/85 10:00 | 0.10                         |
| 01/27/85 06:45 | 0.10                         |
| 01/31/85 18:45 | 0.10                         |
| 02/01/85 00:15 | 0.00                         |
| 02/01/85 20:30 | 0.10                         |
| 02/04/85 11:30 | 0.10                         |
| 02/04/85 12:45 | 0.10                         |
| 02/05/85 13:00 | 0.10                         |
| 02/19/85 09:30 | 0.10                         |
| 02/19/85 16:30 | 0.10                         |
| 02/22/85 19:30 | 0.10                         |
| 02/22/85 20:45 | 0.40                         |
| 02/22/85 21:00 | 0.40                         |
| 02/22/85 21:15 | 0.20                         |
| 02/23/85 03:15 | 0.20                         |
| 02/23/85 03:30 | 0.20                         |
| 02/23/85 04:15 | 0.10                         |
| 02/23/85 05:00 | 0.10                         |
| 02/23/85 05:15 | 0.10                         |
| 02/23/85 05:45 | 0.10                         |
| 02/23/85 06:30 | 0.10                         |
| 02/23/85 06:45 | 0.10                         |
| 02/23/85 07:15 | 0.10                         |
| 02/23/85 07:45 | 0.10                         |
| 02/28/85 18:15 | 0.10                         |
| 03/01/85 00:15 | 0.00                         |
| 03/01/85 01:00 | 0.10                         |
| 03/04/85 06:00 | 0.10                         |
| 03/13/85 19:30 | 0.10                         |
| 03/13/85 20:45 | 0.10                         |



| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 03/13/85 21:00 | 0.10                         |
| 03/13/85 21:15 | 0.20                         |
| 03/13/85 21:45 | 0.10                         |
| 03/13/85 22:45 | 0.10                         |
| 03/13/85 23:30 | 0.10                         |
| 03/14/85 00:15 | 0.10                         |
| 03/14/85 01:00 | 0.10                         |
| 03/14/85 01:30 | 0.10                         |
| 03/14/85 01:45 | 0.10                         |
| 03/14/85 03:15 | 0.10                         |
| 03/20/85 02:00 | 0.10                         |
| 03/20/85 02:15 | 0.10                         |
| 03/20/85 03:15 | 0.10                         |
| 03/20/85 04:15 | 0.10                         |
| 03/20/85 04:30 | 0.10                         |
| 03/20/85 04:45 | 0.10                         |
| 03/20/85 05:30 | 0.10                         |
| 03/20/85 06:00 | 0.10                         |
| 03/20/85 06:45 | 0.10                         |
| 03/26/85 23:15 | 0.10                         |
| 03/26/85 23:30 | 0.20                         |
| 03/26/85 23:45 | 0.10                         |
| 03/30/85 03:45 | 0.10                         |
| 03/30/85 04:15 | 0.20                         |
| 04/01/85 00:15 | 0.00                         |
| 04/13/85 10:00 | 0.20                         |
| 04/13/85 10:15 | 0.10                         |
| 04/13/85 10:45 | 0.10                         |
| 04/13/85 11:30 | 0.10                         |
| 04/21/85 20:30 | 0.10                         |
| 04/22/85 08:45 | 0.10                         |
| 04/22/85 09:00 | 0.10                         |
| 04/22/85 09:15 | 0.10                         |
| 04/22/85 09:30 | 0.20                         |
| 04/22/85 09:45 | 0.50                         |
| 04/22/85 10:00 | 0.10                         |
| 04/22/85 10:45 | 0.10                         |
| 04/22/85 11:15 | 0.10                         |
| 04/22/85 11:30 | 0.10                         |
| 04/22/85 11:45 | 0.40                         |
| 04/22/85 12:00 | 0.20                         |
| 04/22/85 12:15 | 0.30                         |
| 04/22/85 12:30 | 0.30                         |
| 04/22/85 12:45 | 0.10                         |
| 04/22/85 13:00 | 0.10                         |
| 04/22/85 13:15 | 0.10                         |
| 04/22/85 14:00 | 0.10                         |
| 04/22/85 14:15 | 0.10                         |
| 04/22/85 15:00 | 0.10                         |
| 04/22/85 15:45 | 0.10                         |
| 04/22/85 16:00 | 0.10                         |
| 04/23/85 05:00 | 0.10                         |
| 04/27/85 12:00 | 0.10                         |
| 04/27/85 23:45 | 0.20                         |
| 04/28/85 00:15 | 0.10                         |
| 04/28/85 06:15 | 0.10                         |
| 04/28/85 06:30 | 0.10                         |
| 04/28/85 07:00 | 0.10                         |
| 04/28/85 07:15 | 0.10                         |
| 04/28/85 07:45 | 0.10                         |
| 04/28/85 08:00 | 0.10                         |
| 04/28/85 09:30 | 0.10                         |
| 05/01/85 00:15 | 0.00                         |
| 05/02/85 11:00 | 0.00                         |
| 06/01/85 00:15 | 0.00                         |
| 06/04/85 07:30 | 0.00                         |
| 06/05/85 20:00 | 0.10                         |
| 06/05/85 20:15 | 0.20                         |
| 06/05/85 20:30 | 0.50                         |
| 06/05/85 21:00 | 0.20                         |
| 06/05/85 21:15 | 0.40                         |
| 06/05/85 21:30 | 0.10                         |
| 06/06/85 03:00 | 0.20                         |
| 06/06/85 03:15 | 0.10                         |
| 06/06/85 03:45 | 0.10                         |
| 06/06/85 04:30 | 0.10                         |
| 06/06/85 05:45 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 06/11/85 05:45 | 0.10                         |
| 06/11/85 06:00 | 0.10                         |
| 06/11/85 09:30 | 0.10                         |
| 06/18/85 07:00 | 0.10                         |
| 06/18/85 07:45 | 0.20                         |
| 06/18/85 10:15 | 0.10                         |
| 07/01/85 00:15 | 0.00                         |
| 07/03/85 19:00 | 0.30                         |
| 07/03/85 19:15 | 0.10                         |
| 07/03/85 20:45 | 0.10                         |
| 07/20/85 12:15 | 0.10                         |
| 07/21/85 08:15 | 0.10                         |
| 07/21/85 08:45 | 0.20                         |
| 07/21/85 09:00 | 0.10                         |
| 07/21/85 10:00 | 0.10                         |
| 07/21/85 14:00 | 0.10                         |
| 07/21/85 14:15 | 0.80                         |
| 07/21/85 14:30 | 0.20                         |
| 07/21/85 14:45 | 0.10                         |
| 07/21/85 15:15 | 0.20                         |
| 07/21/85 15:30 | 0.40                         |
| 07/22/85 00:15 | 0.10                         |
| 08/01/85 00:15 | 0.00                         |
| 09/01/85 00:15 | 0.00                         |
| 09/11/85 10:00 | 0.10                         |
| 09/11/85 10:15 | 0.10                         |
| 09/14/85 03:15 | 0.20                         |
| 09/14/85 03:30 | 0.10                         |
| 09/14/85 03:45 | 0.10                         |
| 09/14/85 05:30 | 0.10                         |
| 09/14/85 06:00 | 0.10                         |
| 09/14/85 06:15 | 0.10                         |
| 09/14/85 07:30 | 0.10                         |
| 09/23/85 06:00 | 0.10                         |
| 09/28/85 19:00 | 0.10                         |
| 09/28/85 23:00 | 0.10                         |
| 09/29/85 05:00 | 0.10                         |
| 09/29/85 09:00 | 0.20                         |
| 09/29/85 10:00 | 0.40                         |
| 09/29/85 11:00 | 0.20                         |
| 09/29/85 12:00 | 0.20                         |
| 09/29/85 13:00 | 0.20                         |
| 10/01/85 00:15 | 0.00                         |
| 10/10/85 17:00 | 0.10                         |
| 10/10/85 18:00 | 0.10                         |
| 10/11/85 04:30 | 0.10                         |
| 10/11/85 13:45 | 0.10                         |
| 10/14/85 11:45 | 0.10                         |
| 10/14/85 12:15 | 0.10                         |
| 10/14/85 12:30 | 0.30                         |
| 10/14/85 13:00 | 0.10                         |
| 10/15/85 06:45 | 0.10                         |
| 10/17/85 15:00 | 0.10                         |
| 10/17/85 17:15 | 0.20                         |
| 10/17/85 17:30 | 0.10                         |
| 10/17/85 19:30 | 0.10                         |
| 10/17/85 19:45 | 0.10                         |
| 10/17/85 20:00 | 0.10                         |
| 10/17/85 21:00 | 0.10                         |
| 10/18/85 10:00 | 0.10                         |
| 10/18/85 10:15 | 0.10                         |
| 10/18/85 10:30 | 0.10                         |
| 10/18/85 13:00 | 0.10                         |
| 10/18/85 16:00 | 0.10                         |
| 10/18/85 19:30 | 0.10                         |
| 10/18/85 22:15 | 0.10                         |
| 10/18/85 23:45 | 0.10                         |
| 10/19/85 00:15 | 0.10                         |
| 10/19/85 01:00 | 0.10                         |
| 10/19/85 04:00 | 0.30                         |
| 10/19/85 05:00 | 0.20                         |
| 10/19/85 05:15 | 0.10                         |
| 10/19/85 05:30 | 0.10                         |
| 10/19/85 06:00 | 0.10                         |
| 10/19/85 06:15 | 0.10                         |
| 10/19/85 06:30 | 0.10                         |
| 10/19/85 07:00 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 10/19/85 08:00 | 0.10                         |
| 10/19/85 13:30 | 0.10                         |
| 10/28/85 13:15 | 0.10                         |
| 10/28/85 16:15 | 0.10                         |
| 10/28/85 18:45 | 0.10                         |
| 10/28/85 19:00 | 0.10                         |
| 10/28/85 19:15 | 0.10                         |
| 10/28/85 19:30 | 0.10                         |
| 10/28/85 20:00 | 0.10                         |
| 10/28/85 20:15 | 0.10                         |
| 10/28/85 20:30 | 0.10                         |
| 10/28/85 23:30 | 0.20                         |
| 10/28/85 23:45 | 0.20                         |
| 10/29/85 00:15 | 0.10                         |
| 10/29/85 03:00 | 0.10                         |
| 10/29/85 04:00 | 0.10                         |
| 10/29/85 05:00 | 0.10                         |
| 10/29/85 05:45 | 0.10                         |
| 10/30/85 04:45 | 0.10                         |
| 11/01/85 00:15 | 0.00                         |
| 11/01/85 14:45 | 0.10                         |
| 11/11/85 01:45 | 0.10                         |
| 11/11/85 02:00 | 0.20                         |
| 11/11/85 02:15 | 0.10                         |
| 11/11/85 09:00 | 0.20                         |
| 11/11/85 09:30 | 0.10                         |
| 11/11/85 13:45 | 0.10                         |
| 11/13/85 15:15 | 0.10                         |
| 11/14/85 12:00 | 0.10                         |
| 11/14/85 16:00 | 0.10                         |
| 11/14/85 20:30 | 0.10                         |
| 11/14/85 20:45 | 0.10                         |
| 11/14/85 22:45 | 0.10                         |
| 11/15/85 02:15 | 0.10                         |
| 11/15/85 03:30 | 0.10                         |
| 11/15/85 05:00 | 0.10                         |
| 11/15/85 08:15 | 0.10                         |
| 11/15/85 08:45 | 0.20                         |
| 11/15/85 09:30 | 0.10                         |
| 11/17/85 03:15 | 0.10                         |
| 11/17/85 03:30 | 0.20                         |
| 11/17/85 03:45 | 0.10                         |
| 11/17/85 04:15 | 0.10                         |
| 11/17/85 13:00 | 0.10                         |
| 11/17/85 19:45 | 0.10                         |
| 11/18/85 08:45 | 0.10                         |
| 11/18/85 11:15 | 0.10                         |
| 11/18/85 15:15 | 0.10                         |
| 11/24/85 02:15 | 0.10                         |
| 11/24/85 03:00 | 0.10                         |
| 11/25/85 03:45 | 0.20                         |
| 11/25/85 04:30 | 0.10                         |
| 11/26/85 07:30 | 0.20                         |
| 11/26/85 16:00 | 0.10                         |
| 11/26/85 16:15 | 0.10                         |
| 11/26/85 17:00 | 0.20                         |
| 11/26/85 17:45 | 0.20                         |
| 11/26/85 19:00 | 0.10                         |
| 11/26/85 22:15 | 0.10                         |
| 11/29/85 16:00 | 0.10                         |
| 11/30/85 11:00 | 0.10                         |
| 11/30/85 11:15 | 0.10                         |
| 12/01/85 00:15 | 0.00                         |
| 12/10/85 13:00 | 0.20                         |
| 12/10/85 13:15 | 0.10                         |
| 12/10/85 13:30 | 0.20                         |
| 12/10/85 13:45 | 0.60                         |
| 12/10/85 14:00 | 0.20                         |
| 12/10/85 14:15 | 0.10                         |
| 12/10/85 15:00 | 0.10                         |
| 12/10/85 15:15 | 0.10                         |
| 12/10/85 16:45 | 0.10                         |
| 12/10/85 18:00 | 0.10                         |
| 12/10/85 19:30 | 0.10                         |
| 12/10/85 20:00 | 0.10                         |
| 12/10/85 20:30 | 0.10                         |
| 12/10/85 21:15 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 12/10/85 22:15 | 0.10                         |
| 12/11/85 07:00 | 0.10                         |
| 01/01/86 00:15 | 0.00                         |
| 01/06/86 18:00 | 0.00                         |
| 02/01/86 00:15 | 0.00                         |
| 02/03/86 18:00 | 0.10                         |
| 02/03/86 18:30 | 0.10                         |
| 02/03/86 19:15 | 0.10                         |
| 02/03/86 20:00 | 0.10                         |
| 02/03/86 20:45 | 0.10                         |
| 02/03/86 21:00 | 0.10                         |
| 02/03/86 21:45 | 0.10                         |
| 02/03/86 23:15 | 0.10                         |
| 02/04/86 01:00 | 0.10                         |
| 02/04/86 02:15 | 0.10                         |
| 02/04/86 03:30 | 0.10                         |
| 02/04/86 05:45 | 0.10                         |
| 02/05/86 21:30 | 0.10                         |
| 02/05/86 22:00 | 0.10                         |
| 02/05/86 22:15 | 0.10                         |
| 02/05/86 23:15 | 0.10                         |
| 02/06/86 01:15 | 0.20                         |
| 02/06/86 01:45 | 0.10                         |
| 02/06/86 02:00 | 0.10                         |
| 02/06/86 02:45 | 0.10                         |
| 02/06/86 06:30 | 0.10                         |
| 02/06/86 07:00 | 0.10                         |
| 02/08/86 00:15 | 0.10                         |
| 02/08/86 02:30 | 0.10                         |
| 02/09/86 19:30 | 0.10                         |
| 03/01/86 00:15 | 0.00                         |
| 03/10/86 02:15 | 0.10                         |
| 03/11/86 19:45 | 0.10                         |
| 03/11/86 20:00 | 0.10                         |
| 03/15/86 06:45 | 0.10                         |
| 03/18/86 04:15 | 0.10                         |
| 03/18/86 06:45 | 0.10                         |
| 04/01/86 00:15 | 0.00                         |
| 04/03/86 18:30 | 0.10                         |
| 04/03/86 20:30 | 0.10                         |
| 04/03/86 20:45 | 0.10                         |
| 04/03/86 21:45 | 0.10                         |
| 04/04/86 01:15 | 0.10                         |
| 04/04/86 04:30 | 0.10                         |
| 04/04/86 22:15 | 0.40                         |
| 04/04/86 22:30 | 0.10                         |
| 04/04/86 22:45 | 0.40                         |
| 04/04/86 23:00 | 0.50                         |
| 04/04/86 23:15 | 0.10                         |
| 04/04/86 23:30 | 0.10                         |
| 04/04/86 23:45 | 0.10                         |
| 04/05/86 00:15 | 1.00                         |
| 04/05/86 00:30 | 1.00                         |
| 04/05/86 00:45 | 0.30                         |
| 04/05/86 01:00 | 0.40                         |
| 04/05/86 01:15 | 0.10                         |
| 04/05/86 01:30 | 0.50                         |
| 04/05/86 01:45 | 0.40                         |
| 04/08/86 11:15 | 0.10                         |
| 04/12/86 00:30 | 0.10                         |
| 04/12/86 01:15 | 0.50                         |
| 04/12/86 01:30 | 0.20                         |
| 04/12/86 01:45 | 0.10                         |
| 04/14/86 01:00 | 0.10                         |
| 04/17/86 09:00 | 0.10                         |
| 04/17/86 09:15 | 0.10                         |
| 04/19/86 13:30 | 0.10                         |
| 04/19/86 14:15 | 0.20                         |
| 04/19/86 14:30 | 0.90                         |
| 04/19/86 14:45 | 0.20                         |
| 04/19/86 15:15 | 0.10                         |
| 04/19/86 16:00 | 0.10                         |
| 04/19/86 16:45 | 0.10                         |
| 04/19/86 23:30 | 0.10                         |
| 04/27/86 12:45 | 0.10                         |
| 04/27/86 13:00 | 0.30                         |
| 04/27/86 13:45 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 04/30/86 21:45 | 0.10                         |
| 04/30/86 22:00 | 0.40                         |
| 04/30/86 22:30 | 0.10                         |
| 05/01/86 00:15 | 0.00                         |
| 05/01/86 07:45 | 0.10                         |
| 05/01/86 08:15 | 0.20                         |
| 05/01/86 08:30 | 0.10                         |
| 05/03/86 18:45 | 0.10                         |
| 05/08/86 15:00 | 0.10                         |
| 05/08/86 19:45 | 0.10                         |
| 05/08/86 21:00 | 0.10                         |
| 05/08/86 21:45 | 0.10                         |
| 05/09/86 20:45 | 0.30                         |
| 05/09/86 21:00 | 0.60                         |
| 05/09/86 21:15 | 0.50                         |
| 05/09/86 21:30 | 0.10                         |
| 05/09/86 21:45 | 0.10                         |
| 05/09/86 22:15 | 0.10                         |
| 05/09/86 23:15 | 0.10                         |
| 05/10/86 01:45 | 0.10                         |
| 05/17/86 03:30 | 0.10                         |
| 05/17/86 03:45 | 0.20                         |
| 05/17/86 04:00 | 0.30                         |
| 05/17/86 04:15 | 0.10                         |
| 05/17/86 04:30 | 0.20                         |
| 05/17/86 05:30 | 0.10                         |
| 05/17/86 05:45 | 0.30                         |
| 05/17/86 06:00 | 0.10                         |
| 05/17/86 06:15 | 0.10                         |
| 05/17/86 08:00 | 0.10                         |
| 05/17/86 09:30 | 0.10                         |
| 05/17/86 10:30 | 0.10                         |
| 05/17/86 11:00 | 0.10                         |
| 05/17/86 11:15 | 0.10                         |
| 05/17/86 11:30 | 0.10                         |
| 05/17/86 12:00 | 0.10                         |
| 05/17/86 12:30 | 0.10                         |
| 05/17/86 13:00 | 0.10                         |
| 05/17/86 14:45 | 0.10                         |
| 05/24/86 10:45 | 0.10                         |
| 05/24/86 13:15 | 0.10                         |
| 05/24/86 15:30 | 0.10                         |
| 05/24/86 17:15 | 0.10                         |
| 05/25/86 12:15 | 0.10                         |
| 05/31/86 16:30 | 0.10                         |
| 05/31/86 17:30 | 0.10                         |
| 05/31/86 18:00 | 0.10                         |
| 05/31/86 19:45 | 0.10                         |
| 05/31/86 20:30 | 0.10                         |
| 06/01/86 00:15 | 0.00                         |
| 06/01/86 09:00 | 0.10                         |
| 06/01/86 11:45 | 0.10                         |
| 06/01/86 12:00 | 0.10                         |
| 06/01/86 17:30 | 0.10                         |
| 06/01/86 18:00 | 0.10                         |
| 06/01/86 18:15 | 0.10                         |
| 06/01/86 18:30 | 0.10                         |
| 06/01/86 18:45 | 0.30                         |
| 06/01/86 19:00 | 0.20                         |
| 06/02/86 09:15 | 0.10                         |
| 06/05/86 05:00 | 0.10                         |
| 06/05/86 06:15 | 0.10                         |
| 06/05/86 06:45 | 0.10                         |
| 06/05/86 09:15 | 0.10                         |
| 06/05/86 13:30 | 0.10                         |
| 06/07/86 09:30 | 0.20                         |
| 06/07/86 09:45 | 0.50                         |
| 06/07/86 10:00 | 0.10                         |
| 06/10/86 22:15 | 0.10                         |
| 06/10/86 22:30 | 0.10                         |
| 06/10/86 23:00 | 0.10                         |
| 06/10/86 23:15 | 0.20                         |
| 06/11/86 00:45 | 0.10                         |
| 06/11/86 01:15 | 0.10                         |
| 06/11/86 02:15 | 0.10                         |
| 06/16/86 13:15 | 0.10                         |
| 06/16/86 13:30 | 0.40                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 06/16/86 13:45 | 0.30                         |
| 06/16/86 14:00 | 0.10                         |
| 06/16/86 14:15 | 0.10                         |
| 06/16/86 14:30 | 0.10                         |
| 06/16/86 16:15 | 0.10                         |
| 07/01/86 00:15 | 0.00                         |
| 07/02/86 10:30 | 0.10                         |
| 07/03/86 14:45 | 0.10                         |
| 07/22/86 00:30 | 0.10                         |
| 07/22/86 04:45 | 0.10                         |
| 08/01/86 00:15 | 0.00                         |
| 08/03/86 17:00 | 0.10                         |
| 08/03/86 17:30 | 0.10                         |
| 08/03/86 18:30 | 0.10                         |
| 08/03/86 19:15 | 0.10                         |
| 08/11/86 19:00 | 0.60                         |
| 08/16/86 07:00 | 0.00                         |
| 09/01/86 00:15 | 0.00                         |
| 09/01/86 07:00 | 0.10                         |
| 09/01/86 07:45 | 0.10                         |
| 09/01/86 08:45 | 0.20                         |
| 09/01/86 09:00 | 0.10                         |
| 09/01/86 09:45 | 0.20                         |
| 09/01/86 12:15 | 0.10                         |
| 09/02/86 07:00 | 0.10                         |
| 09/02/86 07:15 | 0.10                         |
| 09/02/86 07:30 | 0.10                         |
| 09/02/86 07:45 | 0.10                         |
| 09/02/86 08:00 | 0.10                         |
| 09/02/86 08:30 | 0.10                         |
| 09/02/86 08:45 | 0.10                         |
| 09/02/86 10:30 | 0.10                         |
| 09/02/86 12:30 | 0.10                         |
| 09/05/86 09:00 | 0.20                         |
| 09/05/86 09:30 | 0.20                         |
| 09/05/86 09:45 | 0.10                         |
| 09/05/86 19:30 | 0.10                         |
| 10/01/86 00:15 | 0.00                         |
| 10/04/86 11:00 | 0.60                         |
| 10/04/86 12:00 | 0.20                         |
| 10/04/86 13:00 | 0.10                         |
| 10/04/86 14:00 | 0.10                         |
| 10/05/86 07:00 | 0.30                         |
| 10/05/86 19:00 | 0.10                         |
| 10/06/86 02:00 | 0.10                         |
| 10/06/86 03:00 | 0.30                         |
| 10/06/86 04:00 | 0.10                         |
| 10/08/86 03:00 | 0.10                         |
| 10/08/86 08:00 | 0.10                         |
| 10/08/86 09:00 | 0.10                         |
| 10/11/86 22:00 | 0.20                         |
| 10/22/86 17:00 | 0.10                         |
| 10/23/86 05:00 | 0.10                         |
| 10/23/86 06:00 | 0.10                         |
| 10/23/86 07:00 | 0.10                         |
| 10/23/86 08:00 | 0.40                         |
| 10/23/86 09:00 | 0.10                         |
| 10/23/86 17:00 | 0.10                         |
| 10/23/86 19:00 | 0.10                         |
| 10/23/86 20:00 | 0.10                         |
| 11/01/86 00:15 | 0.00                         |
| 11/03/86 12:00 | 0.00                         |
| 11/04/86 01:00 | 0.10                         |
| 11/04/86 01:30 | 0.10                         |
| 11/04/86 07:30 | 0.10                         |
| 11/04/86 08:30 | 0.10                         |
| 11/04/86 09:45 | 0.10                         |
| 11/10/86 11:00 | 0.10                         |
| 11/10/86 14:15 | 0.10                         |
| 11/10/86 14:30 | 0.20                         |
| 11/10/86 14:45 | 0.10                         |
| 11/10/86 17:15 | 0.10                         |
| 11/10/86 17:45 | 0.10                         |
| 11/10/86 23:30 | 0.10                         |
| 11/19/86 09:00 | 0.00                         |
| 11/21/86 08:00 | 0.00                         |
| 11/22/86 04:30 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 11/24/86 20:15 | 0.20                         |
| 11/24/86 20:30 | 0.10                         |
| 11/24/86 21:30 | 0.10                         |
| 11/24/86 22:00 | 0.10                         |
| 11/24/86 22:45 | 0.10                         |
| 11/24/86 23:00 | 0.10                         |
| 11/24/86 23:30 | 0.10                         |
| 11/25/86 01:15 | 0.10                         |
| 11/25/86 01:45 | 0.10                         |
| 11/25/86 02:30 | 0.10                         |
| 11/25/86 03:00 | 0.10                         |
| 11/25/86 03:15 | 0.10                         |
| 11/25/86 03:30 | 0.10                         |
| 11/25/86 03:45 | 0.10                         |
| 11/25/86 04:15 | 0.10                         |
| 11/25/86 04:45 | 0.10                         |
| 11/25/86 05:00 | 0.10                         |
| 11/25/86 05:30 | 0.10                         |
| 11/25/86 06:15 | 0.10                         |
| 11/25/86 10:45 | 0.10                         |
| 12/01/86 00:15 | 0.00                         |
| 12/07/86 02:00 | 0.10                         |
| 12/11/86 23:30 | 0.10                         |
| 12/12/86 00:30 | 0.10                         |
| 12/12/86 02:15 | 0.10                         |
| 12/12/86 11:00 | 0.10                         |
| 12/14/86 10:30 | 0.10                         |
| 12/14/86 12:30 | 0.10                         |
| 12/14/86 15:30 | 0.10                         |
| 12/14/86 21:15 | 0.10                         |
| 12/14/86 22:30 | 0.10                         |
| 12/15/86 00:45 | 0.10                         |
| 12/15/86 03:15 | 0.10                         |
| 12/17/86 07:30 | 0.10                         |
| 12/17/86 10:00 | 0.10                         |
| 12/17/86 13:00 | 0.10                         |
| 12/18/86 00:30 | 0.10                         |
| 12/18/86 01:45 | 0.10                         |
| 12/18/86 02:30 | 0.10                         |
| 12/18/86 03:15 | 0.10                         |
| 12/18/86 04:15 | 0.10                         |
| 12/18/86 09:15 | 0.10                         |
| 12/23/86 01:45 | 0.10                         |
| 12/23/86 04:15 | 0.10                         |
| 01/01/87 00:15 | 0.00                         |
| 01/03/87 04:15 | 0.10                         |
| 01/09/87 01:15 | 0.10                         |
| 01/09/87 03:45 | 0.10                         |
| 01/09/87 04:15 | 0.10                         |
| 01/09/87 05:15 | 0.10                         |
| 01/09/87 06:15 | 0.10                         |
| 01/16/87 15:30 | 0.10                         |
| 01/17/87 13:30 | 0.10                         |
| 01/17/87 15:00 | 0.10                         |
| 01/17/87 23:30 | 0.10                         |
| 01/18/87 00:30 | 0.10                         |
| 01/18/87 01:30 | 0.10                         |
| 02/01/87 00:15 | 0.00                         |
| 02/01/87 11:45 | 0.10                         |
| 02/05/87 23:30 | 0.10                         |
| 02/06/87 02:15 | 0.10                         |
| 02/06/87 10:30 | 0.10                         |
| 02/14/87 22:30 | 0.10                         |
| 02/14/87 23:15 | 0.10                         |
| 02/15/87 15:00 | 0.20                         |
| 02/20/87 00:45 | 0.10                         |
| 02/20/87 01:45 | 0.10                         |
| 02/20/87 02:15 | 0.10                         |
| 02/20/87 03:00 | 0.10                         |
| 02/20/87 03:30 | 0.10                         |
| 02/20/87 04:00 | 0.10                         |
| 02/20/87 05:00 | 0.10                         |
| 02/20/87 06:00 | 0.10                         |
| 02/20/87 07:00 | 0.10                         |
| 02/20/87 08:30 | 0.10                         |
| 02/20/87 10:00 | 0.10                         |
| 02/24/87 03:15 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 02/24/87 04:00 | 0.10                         |
| 02/24/87 07:00 | 0.10                         |
| 02/24/87 09:45 | 0.10                         |
| 02/26/87 00:15 | 0.10                         |
| 02/26/87 04:00 | 0.10                         |
| 02/26/87 07:45 | 0.10                         |
| 02/26/87 09:15 | 0.10                         |
| 02/26/87 11:00 | 0.10                         |
| 02/26/87 14:15 | 0.10                         |
| 02/27/87 22:45 | 0.10                         |
| 02/27/87 23:00 | 0.10                         |
| 02/27/87 23:15 | 0.10                         |
| 02/28/87 00:30 | 0.10                         |
| 02/28/87 01:15 | 0.10                         |
| 02/28/87 01:30 | 0.10                         |
| 02/28/87 03:45 | 0.10                         |
| 02/28/87 05:15 | 0.10                         |
| 02/28/87 05:30 | 0.10                         |
| 02/28/87 06:15 | 0.10                         |
| 02/28/87 07:30 | 0.10                         |
| 02/28/87 08:15 | 0.10                         |
| 03/01/87 00:15 | 0.00                         |
| 03/16/87 20:00 | 0.10                         |
| 03/16/87 20:15 | 0.10                         |
| 03/16/87 22:45 | 0.10                         |
| 03/16/87 23:00 | 0.10                         |
| 03/16/87 23:15 | 0.10                         |
| 03/16/87 23:45 | 0.60                         |
| 03/17/87 00:15 | 0.30                         |
| 03/17/87 00:30 | 0.20                         |
| 03/17/87 00:45 | 0.10                         |
| 03/17/87 01:00 | 0.10                         |
| 03/17/87 01:30 | 0.10                         |
| 03/17/87 02:00 | 0.10                         |
| 03/17/87 03:45 | 0.10                         |
| 03/17/87 04:30 | 0.10                         |
| 03/17/87 05:15 | 0.10                         |
| 03/17/87 06:00 | 0.10                         |
| 03/17/87 06:15 | 0.10                         |
| 03/23/87 05:00 | 0.10                         |
| 03/23/87 06:00 | 0.10                         |
| 03/23/87 06:30 | 0.10                         |
| 04/01/87 00:15 | 0.00                         |
| 04/12/87 07:00 | 0.00                         |
| 04/15/87 08:00 | 0.00                         |
| 05/01/87 00:15 | 0.00                         |
| 05/03/87 05:45 | 0.10                         |
| 05/03/87 07:30 | 0.10                         |
| 05/03/87 20:15 | 0.10                         |
| 05/03/87 22:45 | 0.10                         |
| 05/03/87 23:00 | 0.20                         |
| 05/04/87 02:30 | 0.10                         |
| 05/04/87 02:45 | 0.40                         |
| 05/04/87 03:00 | 0.10                         |
| 05/04/87 04:00 | 0.10                         |
| 05/04/87 04:45 | 0.10                         |
| 05/08/87 17:30 | 0.10                         |
| 05/14/87 21:30 | 0.10                         |
| 05/19/87 20:00 | 0.40                         |
| 05/19/87 20:45 | 0.10                         |
| 05/19/87 23:45 | 0.10                         |
| 05/20/87 08:00 | 0.20                         |
| 05/20/87 14:30 | 0.10                         |
| 05/28/87 07:45 | 0.30                         |
| 05/28/87 08:00 | 0.40                         |
| 05/28/87 08:15 | 0.20                         |
| 05/28/87 08:30 | 0.80                         |
| 05/28/87 08:45 | 0.10                         |
| 05/28/87 09:15 | 0.20                         |
| 05/28/87 09:30 | 0.10                         |
| 05/28/87 14:15 | 0.10                         |
| 05/28/87 19:15 | 0.30                         |
| 05/28/87 19:30 | 0.50                         |
| 05/28/87 19:45 | 0.10                         |
| 05/28/87 20:00 | 0.10                         |
| 05/28/87 21:00 | 0.10                         |
| 05/28/87 22:00 | 0.10                         |



| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 05/29/87 00:30 | 0.10                         |
| 05/31/87 17:00 | 0.20                         |
| 06/01/87 00:15 | 0.00                         |
| 06/02/87 16:15 | 0.10                         |
| 06/03/87 11:30 | 0.10                         |
| 06/09/87 12:00 | 0.10                         |
| 06/09/87 13:00 | 0.10                         |
| 06/09/87 13:15 | 0.10                         |
| 06/09/87 15:30 | 0.10                         |
| 06/09/87 19:00 | 0.10                         |
| 06/10/87 10:00 | 0.10                         |
| 06/10/87 10:30 | 0.10                         |
| 06/11/87 17:45 | 0.10                         |
| 06/11/87 18:00 | 0.20                         |
| 06/11/87 19:45 | 0.10                         |
| 06/11/87 20:15 | 0.10                         |
| 06/11/87 21:00 | 0.10                         |
| 06/11/87 21:45 | 0.10                         |
| 06/12/87 09:30 | 0.10                         |
| 06/12/87 12:45 | 0.10                         |
| 06/16/87 03:30 | 0.10                         |
| 06/16/87 03:45 | 0.20                         |
| 06/17/87 17:45 | 0.10                         |
| 06/17/87 18:00 | 0.10                         |
| 06/18/87 02:30 | 0.10                         |
| 06/19/87 21:15 | 0.30                         |
| 06/19/87 21:30 | 0.20                         |
| 06/20/87 13:30 | 0.10                         |
| 06/23/87 19:45 | 0.10                         |
| 07/01/87 00:15 | 0.00                         |
| 07/02/87 10:00 | 0.10                         |
| 07/02/87 10:15 | 0.60                         |
| 07/02/87 10:30 | 0.50                         |
| 07/02/87 11:15 | 0.10                         |
| 07/02/87 12:15 | 0.10                         |
| 07/02/87 23:45 | 0.40                         |
| 07/13/87 05:15 | 0.10                         |
| 07/13/87 09:00 | 0.10                         |
| 07/17/87 07:15 | 0.30                         |
| 07/17/87 07:30 | 0.10                         |
| 07/17/87 15:00 | 0.10                         |
| 07/23/87 18:00 | 0.10                         |
| 07/25/87 10:15 | 0.10                         |
| 08/01/87 00:15 | 0.00                         |
| 08/27/87 06:00 | 0.10                         |
| 08/27/87 09:30 | 0.10                         |
| 09/01/87 00:15 | 0.00                         |
| 09/07/87 10:45 | 0.10                         |
| 09/07/87 11:00 | 0.40                         |
| 09/07/87 11:15 | 0.20                         |
| 09/07/87 11:45 | 0.10                         |
| 09/07/87 14:00 | 0.10                         |
| 09/10/87 05:45 | 0.10                         |
| 09/10/87 08:00 | 0.10                         |
| 09/10/87 08:15 | 0.10                         |
| 09/12/87 08:15 | 0.30                         |
| 09/12/87 08:30 | 0.30                         |
| 09/12/87 08:45 | 0.10                         |
| 09/12/87 09:30 | 0.10                         |
| 09/13/87 06:30 | 0.20                         |
| 09/13/87 07:00 | 0.20                         |
| 09/13/87 07:15 | 0.30                         |
| 09/13/87 07:45 | 0.10                         |
| 09/14/87 23:15 | 0.10                         |
| 09/18/87 06:00 | 0.10                         |
| 09/18/87 06:15 | 0.20                         |
| 09/18/87 06:30 | 0.40                         |
| 09/18/87 07:15 | 0.10                         |
| 09/18/87 07:30 | 0.20                         |
| 09/18/87 07:45 | 0.10                         |
| 09/26/87 11:15 | 0.10                         |
| 10/01/87 00:15 | 0.00                         |
| 10/18/87 20:15 | 0.10                         |
| 10/23/87 22:00 | 0.10                         |
| 10/23/87 22:30 | 0.10                         |
| 10/23/87 23:15 | 0.20                         |
| 10/23/87 23:45 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 11/01/87 00:15 | 0.00                         |
| 11/08/87 09:30 | 0.10                         |
| 11/08/87 11:45 | 0.10                         |
| 11/08/87 14:30 | 0.10                         |
| 11/08/87 14:45 | 0.20                         |
| 11/08/87 15:15 | 0.10                         |
| 11/08/87 16:45 | 0.10                         |
| 11/09/87 01:00 | 0.10                         |
| 11/09/87 04:15 | 0.10                         |
| 11/09/87 07:00 | 0.10                         |
| 11/09/87 10:45 | 0.10                         |
| 11/09/87 12:45 | 0.10                         |
| 11/09/87 20:15 | 0.10                         |
| 11/09/87 22:30 | 0.10                         |
| 11/15/87 13:30 | 0.10                         |
| 11/15/87 13:45 | 0.90                         |
| 11/15/87 14:00 | 0.30                         |
| 11/15/87 14:30 | 0.10                         |
| 11/15/87 14:45 | 0.20                         |
| 11/15/87 15:00 | 0.20                         |
| 11/15/87 15:15 | 0.10                         |
| 11/15/87 16:00 | 0.10                         |
| 11/15/87 17:15 | 0.10                         |
| 11/15/87 18:15 | 0.10                         |
| 11/15/87 19:00 | 0.10                         |
| 11/15/87 20:45 | 0.10                         |
| 11/16/87 09:30 | 0.10                         |
| 11/16/87 11:00 | 0.10                         |
| 11/17/87 15:15 | 0.10                         |
| 11/20/87 17:15 | 0.10                         |
| 11/24/87 09:00 | 0.00                         |
| 11/25/87 01:00 | 0.00                         |
| 12/01/87 00:15 | 0.00                         |
| 12/01/87 14:00 | 0.00                         |
| 01/01/88 00:15 | 0.00                         |
| 01/05/88 09:00 | 0.00                         |
| 01/07/88 08:00 | 0.00                         |
| 01/31/88 14:15 | 0.10                         |
| 02/01/88 00:15 | 0.00                         |
| 02/17/88 09:00 | 0.00                         |
| 02/20/88 08:00 | 0.00                         |
| 03/01/88 00:15 | 0.00                         |
| 03/01/88 10:00 | 0.00                         |
| 04/01/88 00:15 | 0.00                         |
| 04/02/88 08:00 | 0.00                         |
| 04/10/88 08:30 | 0.10                         |
| 04/17/88 12:15 | 0.20                         |
| 04/17/88 12:30 | 0.40                         |
| 04/17/88 12:45 | 0.20                         |
| 04/17/88 13:30 | 0.10                         |
| 04/17/88 13:45 | 0.10                         |
| 04/17/88 14:00 | 0.20                         |
| 04/17/88 14:15 | 0.20                         |
| 04/17/88 14:30 | 0.30                         |
| 04/17/88 14:45 | 0.40                         |
| 04/17/88 15:00 | 0.10                         |
| 04/17/88 15:30 | 0.20                         |
| 04/20/88 13:15 | 0.10                         |
| 04/23/88 05:30 | 0.10                         |
| 04/23/88 05:45 | 0.40                         |
| 04/24/88 23:15 | 0.10                         |
| 04/29/88 13:45 | 0.10                         |
| 04/29/88 14:30 | 0.10                         |
| 04/30/88 03:15 | 0.10                         |
| 05/01/88 00:15 | 0.00                         |
| 05/08/88 06:30 | 0.10                         |
| 05/16/88 02:45 | 0.10                         |
| 05/16/88 03:30 | 0.10                         |
| 05/20/88 14:15 | 0.10                         |
| 05/20/88 15:45 | 0.10                         |
| 05/20/88 16:00 | 0.10                         |
| 05/20/88 16:15 | 0.10                         |
| 05/31/88 19:45 | 0.40                         |
| 05/31/88 20:00 | 0.10                         |
| 05/31/88 20:15 | 0.10                         |
| 06/01/88 00:15 | 0.00                         |
| 06/01/88 00:45 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 06/01/88 01:45 | 0.10                         |
| 06/01/88 02:00 | 0.10                         |
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| 06/01/88 02:45 | 0.10                         |
| 06/01/88 03:45 | 0.10                         |
| 06/01/88 04:45 | 0.10                         |
| 06/01/88 06:30 | 0.10                         |
| 06/03/88 05:45 | 0.10                         |
| 06/03/88 06:00 | 0.30                         |
| 06/03/88 06:15 | 0.40                         |
| 06/03/88 06:30 | 0.20                         |
| 06/03/88 06:45 | 0.30                         |
| 06/03/88 07:00 | 0.10                         |
| 06/03/88 07:30 | 0.10                         |
| 06/04/88 03:30 | 0.10                         |
| 06/16/88 20:30 | 0.10                         |
| 06/21/88 12:00 | 0.10                         |
| 06/22/88 17:45 | 0.20                         |
| 06/22/88 18:00 | 0.10                         |
| 06/23/88 18:45 | 0.20                         |
| 06/23/88 19:00 | 0.20                         |
| 06/25/88 11:45 | 0.10                         |
| 06/25/88 21:15 | 0.30                         |
| 06/25/88 22:00 | 0.10                         |
| 06/25/88 22:15 | 0.10                         |
| 06/25/88 22:30 | 0.50                         |
| 06/25/88 22:45 | 0.50                         |
| 06/25/88 23:00 | 0.10                         |
| 07/01/88 00:15 | 0.00                         |
| 07/11/88 09:45 | 0.10                         |
| 07/12/88 01:15 | 0.30                         |
| 07/12/88 01:30 | 0.60                         |
| 07/12/88 01:45 | 0.60                         |
| 07/12/88 02:00 | 0.20                         |
| 07/12/88 02:30 | 0.10                         |
| 07/12/88 03:15 | 0.10                         |
| 07/12/88 04:15 | 0.30                         |
| 07/12/88 04:30 | 0.20                         |
| 07/12/88 05:15 | 0.10                         |
| 07/12/88 06:45 | 0.10                         |
| 08/01/88 00:15 | 0.00                         |
| 08/23/88 18:30 | 0.20                         |
| 08/23/88 18:45 | 0.20                         |
| 08/29/88 06:45 | 0.10                         |
| 08/29/88 07:15 | 0.10                         |
| 08/29/88 07:30 | 0.10                         |
| 09/01/88 00:15 | 0.00                         |
| 09/03/88 00:45 | 0.10                         |
| 09/03/88 01:00 | 0.10                         |
| 09/03/88 01:15 | 0.30                         |
| 09/03/88 01:30 | 0.30                         |
| 09/03/88 01:45 | 0.10                         |
| 09/03/88 02:00 | 0.20                         |
| 09/03/88 02:15 | 0.10                         |
| 09/03/88 08:00 | 0.10                         |
| 09/03/88 08:45 | 0.10                         |
| 09/03/88 09:30 | 0.10                         |
| 09/03/88 14:45 | 0.40                         |
| 09/03/88 15:00 | 0.20                         |
| 09/03/88 15:15 | 0.10                         |
| 09/13/88 15:45 | 0.30                         |
| 09/13/88 16:00 | 0.10                         |
| 09/13/88 18:00 | 0.10                         |
| 09/17/88 17:15 | 0.10                         |
| 09/18/88 01:45 | 0.10                         |
| 09/24/88 14:00 | 0.10                         |
| 09/29/88 03:30 | 0.10                         |
| 09/29/88 03:45 | 0.10                         |
| 09/29/88 04:45 | 0.10                         |
| 09/29/88 05:30 | 0.10                         |
| 09/29/88 13:30 | 0.10                         |
| 09/30/88 00:15 | 0.10                         |
| 09/30/88 01:15 | 0.20                         |
| 09/30/88 01:30 | 0.10                         |
| 09/30/88 01:45 | 0.10                         |
| 09/30/88 02:00 | 0.10                         |
| 09/30/88 02:30 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 09/30/88 03:45 | 0.10                         |
| 09/30/88 14:00 | 0.10                         |
| 10/01/88 00:15 | 0.00                         |
| 10/08/88 11:45 | 0.10                         |
| 10/26/88 05:00 | 0.10                         |
| 10/26/88 08:15 | 0.10                         |
| 10/28/88 00:15 | 0.10                         |
| 10/29/88 11:15 | 0.10                         |
| 10/30/88 14:00 | 0.10                         |
| 10/30/88 20:15 | 0.10                         |
| 10/31/88 01:45 | 0.10                         |
| 11/01/88 00:15 | 0.00                         |
| 11/12/88 06:45 | 0.20                         |
| 11/12/88 07:00 | 0.10                         |
| 11/12/88 07:15 | 0.20                         |
| 11/15/88 16:00 | 0.00                         |
| 11/15/88 17:00 | 0.50                         |
| 11/18/88 07:30 | 0.10                         |
| 11/18/88 09:00 | 0.10                         |
| 11/19/88 09:30 | 0.10                         |
| 11/19/88 09:45 | 0.10                         |
| 11/19/88 10:45 | 0.10                         |
| 11/19/88 11:00 | 0.20                         |
| 11/19/88 11:15 | 0.30                         |
| 11/19/88 11:30 | 0.10                         |
| 11/19/88 12:00 | 0.10                         |
| 11/19/88 13:30 | 0.10                         |
| 11/25/88 19:45 | 0.20                         |
| 12/01/88 00:15 | 0.00                         |
| 12/07/88 09:30 | 0.10                         |
| 12/08/88 19:15 | 0.10                         |
| 12/08/88 21:45 | 0.10                         |
| 12/10/88 10:15 | 0.10                         |
| 12/10/88 11:15 | 0.10                         |
| 12/10/88 12:15 | 0.10                         |
| 12/10/88 14:15 | 0.10                         |
| 12/10/88 16:30 | 0.10                         |
| 12/11/88 02:30 | 0.10                         |
| 12/12/88 01:00 | 0.10                         |
| 12/22/88 13:15 | 0.10                         |
| 12/22/88 13:30 | 0.30                         |
| 12/22/88 13:45 | 0.30                         |
| 12/25/88 19:00 | 0.10                         |
| 12/27/88 08:45 | 0.10                         |
| 12/27/88 09:00 | 0.10                         |
| 12/27/88 09:30 | 0.10                         |
| 12/27/88 11:15 | 0.10                         |
| 12/27/88 15:00 | 0.10                         |
| 12/31/88 01:45 | 0.10                         |
| 12/31/88 02:15 | 0.10                         |
| 01/01/89 00:15 | 0.00                         |
| 01/05/89 08:30 | 0.10                         |
| 01/06/89 10:15 | 0.00                         |
| 02/01/89 00:15 | 0.00                         |
| 02/09/89 09:00 | 0.00                         |
| 02/09/89 10:00 | 0.00                         |
| 02/23/89 13:45 | 0.00                         |
| 03/01/89 00:15 | 0.00                         |
| 03/06/89 15:15 | 0.10                         |
| 03/07/89 10:30 | 0.10                         |
| 03/07/89 12:00 | 0.10                         |
| 03/21/89 07:30 | 0.10                         |
| 03/21/89 08:00 | 0.10                         |
| 03/21/89 08:30 | 0.10                         |
| 03/21/89 08:45 | 0.10                         |
| 03/21/89 09:15 | 0.10                         |
| 03/26/89 12:45 | 0.10                         |
| 03/26/89 13:15 | 0.10                         |
| 03/26/89 16:45 | 0.10                         |
| 03/28/89 04:00 | 0.10                         |
| 03/28/89 04:15 | 0.10                         |
| 03/28/89 04:30 | 0.20                         |
| 03/28/89 05:15 | 0.10                         |
| 03/28/89 06:00 | 0.10                         |
| 03/28/89 07:15 | 0.50                         |
| 03/28/89 07:45 | 0.10                         |
| 03/28/89 08:00 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 03/28/89 08:30 | 0.10                         |
| 03/28/89 09:00 | 0.10                         |
| 03/28/89 09:15 | 0.20                         |
| 03/28/89 09:30 | 0.10                         |
| 03/28/89 10:00 | 0.10                         |
| 03/28/89 15:15 | 0.10                         |
| 03/29/89 02:30 | 0.30                         |
| 03/29/89 03:15 | 0.10                         |
| 04/01/89 00:15 | 0.00                         |
| 04/13/89 14:45 | 0.10                         |
| 04/13/89 15:30 | 0.10                         |
| 04/13/89 16:45 | 0.10                         |
| 04/13/89 17:15 | 0.10                         |
| 04/13/89 17:30 | 0.10                         |
| 04/13/89 18:00 | 0.10                         |
| 04/13/89 18:45 | 0.10                         |
| 04/13/89 19:15 | 0.10                         |
| 04/13/89 20:15 | 0.10                         |
| 04/13/89 23:15 | 0.10                         |
| 04/14/89 00:45 | 0.10                         |
| 04/14/89 07:30 | 0.10                         |
| 04/18/89 22:15 | 0.10                         |
| 04/19/89 00:45 | 0.10                         |
| 04/28/89 21:00 | 0.10                         |
| 04/29/89 09:15 | 0.10                         |
| 05/01/89 00:15 | 0.00                         |
| 05/01/89 01:00 | 0.10                         |
| 05/01/89 01:15 | 0.10                         |
| 05/03/89 03:45 | 0.10                         |
| 05/03/89 04:15 | 0.10                         |
| 05/03/89 05:00 | 0.10                         |
| 05/03/89 05:15 | 0.10                         |
| 05/03/89 05:30 | 0.10                         |
| 05/03/89 06:15 | 0.10                         |
| 05/04/89 06:00 | 0.10                         |
| 05/04/89 06:45 | 0.10                         |
| 05/04/89 15:15 | 0.10                         |
| 05/04/89 22:45 | 0.30                         |
| 05/04/89 23:00 | 0.60                         |
| 05/04/89 23:15 | 0.20                         |
| 05/04/89 23:30 | 0.10                         |
| 05/04/89 23:45 | 0.10                         |
| 05/05/89 08:30 | 0.10                         |
| 05/13/89 00:30 | 0.10                         |
| 05/13/89 00:45 | 0.40                         |
| 05/13/89 12:00 | 0.10                         |
| 05/16/89 04:00 | 0.10                         |
| 05/16/89 05:30 | 0.50                         |
| 05/16/89 05:45 | 0.40                         |
| 05/16/89 06:00 | 0.10                         |
| 05/16/89 08:00 | 0.10                         |
| 05/16/89 17:45 | 0.10                         |
| 05/16/89 18:00 | 0.20                         |
| 05/16/89 18:15 | 0.20                         |
| 05/16/89 18:45 | 0.10                         |
| 05/16/89 19:00 | 0.50                         |
| 05/16/89 19:15 | 0.60                         |
| 05/16/89 19:30 | 0.10                         |
| 05/16/89 19:45 | 0.20                         |
| 05/16/89 20:00 | 0.10                         |
| 05/16/89 20:15 | 0.20                         |
| 05/16/89 20:30 | 0.20                         |
| 05/17/89 02:15 | 0.10                         |
| 05/17/89 02:30 | 0.10                         |
| 05/17/89 02:45 | 0.20                         |
| 05/17/89 03:00 | 0.10                         |
| 05/17/89 03:15 | 0.30                         |
| 05/17/89 03:30 | 0.10                         |
| 05/17/89 04:15 | 0.10                         |
| 05/17/89 04:30 | 0.20                         |
| 05/17/89 04:45 | 0.90                         |
| 05/17/89 05:00 | 0.20                         |
| 05/17/89 05:15 | 0.20                         |
| 05/17/89 05:30 | 0.20                         |
| 05/17/89 05:45 | 0.10                         |
| 05/17/89 07:45 | 0.10                         |
| 05/17/89 15:45 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 06/01/89 00:15 | 0.00                         |
| 07/01/89 00:15 | 0.00                         |
| 07/01/89 12:30 | 0.00                         |
| 07/01/89 13:15 | 0.00                         |
| 08/01/89 00:15 | 0.00                         |
| 09/01/89 00:15 | 0.00                         |
| 09/03/89 09:00 | 0.00                         |
| 10/01/89 00:15 | 0.00                         |
| 10/01/89 09:00 | 0.00                         |
| 11/01/89 00:15 | 0.00                         |
| 12/01/89 00:15 | 0.00                         |
| 12/08/89 15:15 | 0.10                         |
| 12/30/89 11:45 | 0.30                         |
| 12/30/89 15:30 | 0.10                         |
| 12/30/89 17:45 | 0.10                         |
| 01/01/90 00:15 | 0.00                         |
| 01/03/90 12:45 | 0.10                         |
| 01/03/90 17:45 | 0.10                         |
| 01/06/90 11:15 | 0.10                         |
| 01/16/90 10:45 | 0.10                         |
| 01/16/90 11:00 | 0.10                         |
| 01/16/90 11:15 | 0.10                         |
| 01/17/90 07:30 | 0.10                         |
| 01/17/90 08:15 | 0.10                         |
| 01/17/90 09:00 | 0.10                         |
| 01/17/90 12:15 | 0.10                         |
| 01/17/90 12:45 | 0.10                         |
| 01/18/90 13:30 | 0.10                         |
| 01/18/90 14:00 | 0.10                         |
| 01/18/90 14:30 | 0.10                         |
| 01/18/90 15:15 | 0.10                         |
| 01/18/90 15:45 | 0.10                         |
| 01/18/90 16:15 | 0.10                         |
| 01/18/90 16:45 | 0.10                         |
| 01/18/90 17:15 | 0.10                         |
| 01/18/90 18:30 | 0.10                         |
| 01/18/90 18:45 | 0.10                         |
| 01/18/90 19:00 | 0.40                         |
| 01/18/90 19:15 | 0.30                         |
| 01/18/90 19:30 | 0.10                         |
| 01/18/90 20:00 | 0.10                         |
| 01/18/90 20:30 | 0.10                         |
| 01/18/90 21:15 | 0.10                         |
| 01/18/90 21:45 | 0.20                         |
| 01/18/90 23:00 | 0.10                         |
| 01/18/90 23:15 | 0.20                         |
| 01/18/90 23:45 | 0.10                         |
| 01/19/90 00:45 | 0.10                         |
| 01/19/90 02:00 | 0.10                         |
| 01/19/90 04:00 | 0.10                         |
| 01/19/90 11:45 | 0.10                         |
| 01/19/90 12:00 | 0.50                         |
| 01/19/90 13:00 | 0.10                         |
| 01/28/90 15:30 | 0.10                         |
| 01/31/90 16:15 | 0.20                         |
| 01/31/90 16:45 | 0.20                         |
| 01/31/90 17:00 | 0.10                         |
| 01/31/90 17:15 | 0.10                         |
| 01/31/90 18:00 | 0.10                         |
| 01/31/90 19:15 | 0.10                         |
| 01/31/90 20:15 | 0.10                         |
| 01/31/90 22:45 | 0.10                         |
| 02/01/90 00:15 | 0.00                         |
| 02/01/90 04:45 | 0.10                         |
| 02/01/90 05:30 | 0.10                         |
| 02/01/90 06:15 | 0.10                         |
| 02/01/90 06:30 | 0.10                         |
| 02/01/90 07:15 | 0.10                         |
| 02/01/90 07:30 | 0.50                         |
| 02/01/90 07:45 | 0.10                         |
| 02/01/90 08:00 | 0.50                         |
| 02/01/90 09:00 | 0.10                         |
| 02/01/90 19:45 | 0.10                         |
| 02/01/90 20:45 | 0.10                         |
| 02/03/90 18:30 | 0.10                         |
| 02/09/90 12:30 | 0.10                         |
| 02/09/90 14:45 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 02/10/90 11:15 | 0.10                         |
| 02/14/90 18:15 | 0.10                         |
| 02/21/90 11:30 | 0.10                         |
| 02/21/90 11:45 | 0.10                         |
| 02/21/90 12:00 | 0.10                         |
| 02/21/90 12:30 | 0.10                         |
| 02/21/90 12:45 | 0.10                         |
| 02/21/90 13:15 | 0.10                         |
| 02/21/90 14:00 | 0.10                         |
| 02/21/90 14:45 | 0.10                         |
| 02/21/90 15:15 | 0.10                         |
| 02/21/90 15:45 | 0.10                         |
| 02/21/90 16:30 | 0.10                         |
| 02/28/90 07:45 | 0.10                         |
| 02/28/90 09:30 | 0.10                         |
| 02/28/90 12:15 | 0.10                         |
| 02/28/90 12:30 | 0.10                         |
| 03/01/90 00:15 | 0.00                         |
| 03/06/90 08:30 | 0.10                         |
| 03/07/90 04:15 | 0.10                         |
| 03/07/90 05:15 | 0.30                         |
| 03/07/90 05:30 | 0.10                         |
| 03/07/90 08:00 | 0.10                         |
| 03/07/90 18:30 | 0.10                         |
| 03/07/90 22:45 | 0.10                         |
| 03/11/90 10:00 | 0.20                         |
| 03/11/90 10:15 | 0.20                         |
| 03/11/90 10:30 | 0.10                         |
| 03/14/90 08:00 | 0.10                         |
| 03/14/90 11:45 | 0.50                         |
| 03/14/90 12:00 | 0.50                         |
| 03/14/90 12:15 | 0.20                         |
| 03/14/90 12:30 | 0.10                         |
| 03/14/90 13:15 | 0.10                         |
| 03/14/90 14:00 | 0.10                         |
| 03/25/90 09:45 | 0.10                         |
| 03/25/90 10:15 | 0.10                         |
| 03/25/90 10:45 | 0.10                         |
| 03/25/90 11:30 | 0.10                         |
| 03/25/90 12:00 | 0.10                         |
| 03/25/90 12:30 | 0.10                         |
| 03/25/90 13:15 | 0.10                         |
| 03/25/90 15:00 | 0.10                         |
| 03/27/90 15:30 | 0.10                         |
| 03/27/90 17:30 | 0.10                         |
| 03/27/90 19:00 | 0.10                         |
| 03/27/90 21:00 | 0.10                         |
| 03/27/90 23:30 | 0.10                         |
| 03/28/90 00:45 | 0.10                         |
| 03/28/90 01:30 | 0.10                         |
| 03/28/90 03:15 | 0.10                         |
| 03/29/90 04:30 | 0.30                         |
| 03/29/90 04:45 | 0.10                         |
| 04/01/90 00:15 | 0.00                         |
| 04/05/90 19:30 | 0.10                         |
| 04/05/90 19:45 | 0.10                         |
| 04/05/90 21:00 | 0.10                         |
| 04/05/90 21:30 | 0.10                         |
| 04/05/90 21:45 | 0.10                         |
| 04/05/90 22:15 | 0.10                         |
| 04/06/90 02:30 | 0.10                         |
| 04/06/90 06:30 | 0.10                         |
| 04/10/90 01:45 | 0.10                         |
| 04/10/90 02:00 | 0.20                         |
| 04/10/90 02:15 | 0.10                         |
| 04/10/90 02:30 | 0.20                         |
| 04/10/90 02:45 | 0.20                         |
| 04/13/90 09:45 | 0.10                         |
| 04/13/90 10:30 | 0.10                         |
| 04/13/90 10:45 | 0.10                         |
| 04/13/90 11:15 | 0.10                         |
| 04/14/90 02:15 | 0.40                         |
| 04/14/90 04:00 | 0.20                         |
| 04/14/90 04:15 | 0.10                         |
| 04/14/90 04:30 | 0.40                         |
| 04/14/90 04:45 | 0.10                         |
| 04/14/90 05:00 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 04/14/90 06:15 | 0.10                         |
| 04/15/90 21:30 | 0.30                         |
| 04/15/90 21:45 | 0.80                         |
| 04/15/90 22:00 | 0.50                         |
| 04/15/90 22:15 | 0.10                         |
| 04/15/90 22:45 | 0.10                         |
| 04/16/90 02:00 | 0.10                         |
| 04/19/90 03:00 | 0.10                         |
| 04/19/90 12:15 | 0.10                         |
| 04/20/90 11:45 | 0.10                         |
| 04/20/90 12:45 | 0.10                         |
| 04/20/90 13:30 | 0.10                         |
| 04/20/90 14:30 | 0.10                         |
| 04/25/90 14:00 | 0.10                         |
| 04/26/90 03:15 | 0.20                         |
| 04/26/90 03:30 | 0.10                         |
| 04/26/90 03:45 | 0.10                         |
| 04/26/90 04:00 | 0.10                         |
| 04/26/90 04:30 | 0.10                         |
| 04/26/90 05:00 | 0.10                         |
| 04/26/90 05:30 | 0.10                         |
| 04/26/90 06:00 | 0.20                         |
| 04/26/90 07:00 | 0.20                         |
| 04/26/90 08:00 | 0.10                         |
| 04/26/90 08:45 | 0.10                         |
| 04/26/90 09:00 | 0.10                         |
| 04/26/90 09:30 | 0.10                         |
| 04/26/90 15:15 | 0.10                         |
| 05/01/90 00:15 | 0.00                         |
| 05/01/90 20:15 | 0.10                         |
| 05/01/90 21:00 | 0.10                         |
| 05/01/90 21:30 | 0.10                         |
| 05/01/90 21:45 | 0.10                         |
| 05/01/90 22:30 | 0.10                         |
| 05/01/90 22:45 | 0.20                         |
| 05/01/90 23:00 | 0.30                         |
| 05/01/90 23:15 | 0.10                         |
| 05/01/90 23:30 | 0.50                         |
| 05/01/90 23:45 | 0.70                         |
| 05/02/90 00:15 | 0.10                         |
| 05/02/90 04:45 | 0.10                         |
| 05/02/90 05:30 | 0.10                         |
| 05/02/90 06:00 | 0.10                         |
| 05/02/90 08:30 | 0.10                         |
| 05/02/90 11:45 | 0.10                         |
| 05/02/90 23:00 | 0.20                         |
| 05/02/90 23:15 | 0.50                         |
| 05/02/90 23:30 | 0.10                         |
| 05/03/90 00:30 | 0.10                         |
| 05/03/90 01:00 | 0.10                         |
| 05/03/90 01:45 | 0.10                         |
| 05/03/90 02:15 | 0.10                         |
| 05/03/90 02:30 | 0.10                         |
| 05/03/90 03:00 | 0.10                         |
| 05/11/90 07:30 | 0.10                         |
| 05/11/90 07:45 | 0.10                         |
| 05/11/90 08:00 | 0.20                         |
| 05/11/90 08:15 | 0.10                         |
| 05/11/90 21:00 | 0.10                         |
| 05/11/90 21:45 | 0.10                         |
| 05/12/90 08:45 | 0.10                         |
| 05/12/90 09:00 | 0.10                         |
| 05/16/90 17:45 | 0.10                         |
| 05/18/90 18:00 | 0.10                         |
| 05/18/90 19:00 | 0.20                         |
| 05/19/90 09:45 | 0.10                         |
| 05/20/90 08:30 | 0.10                         |
| 05/27/90 09:45 | 0.10                         |
| 05/27/90 10:00 | 0.10                         |
| 05/27/90 10:30 | 0.10                         |
| 05/30/90 00:45 | 0.10                         |
| 05/30/90 01:00 | 0.10                         |
| 06/01/90 00:15 | 0.00                         |
| 06/01/90 04:15 | 0.10                         |
| 06/01/90 05:30 | 0.10                         |
| 06/01/90 06:00 | 0.10                         |
| 06/01/90 07:00 | 0.10                         |



| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 06/01/90 13:30 | 0.30                         |
| 06/01/90 13:45 | 0.50                         |
| 06/03/90 10:45 | 0.40                         |
| 06/03/90 11:00 | 0.20                         |
| 06/03/90 11:45 | 0.10                         |
| 06/03/90 12:15 | 0.10                         |
| 06/03/90 12:30 | 0.50                         |
| 06/03/90 12:45 | 0.90                         |
| 06/03/90 13:00 | 0.60                         |
| 06/03/90 13:15 | 0.40                         |
| 06/03/90 13:30 | 0.80                         |
| 06/03/90 14:15 | 0.10                         |
| 06/24/90 06:15 | 0.10                         |
| 06/24/90 08:00 | 0.10                         |
| 06/24/90 12:15 | 0.10                         |
| 07/01/90 00:15 | 0.00                         |
| 07/12/90 03:00 | 0.20                         |
| 07/12/90 05:45 | 0.10                         |
| 07/12/90 07:15 | 0.10                         |
| 07/17/90 12:45 | 0.10                         |
| 07/23/90 00:30 | 0.10                         |
| 07/23/90 01:15 | 0.10                         |
| 07/23/90 01:45 | 0.10                         |
| 07/23/90 02:00 | 0.10                         |
| 08/01/90 00:15 | 0.00                         |
| 08/01/90 17:30 | 0.20                         |
| 08/01/90 17:45 | 0.10                         |
| 08/03/90 09:45 | 0.10                         |
| 08/03/90 14:00 | 0.10                         |
| 08/03/90 14:15 | 0.10                         |
| 08/03/90 15:30 | 0.10                         |
| 08/04/90 05:15 | 0.10                         |
| 08/04/90 06:00 | 0.20                         |
| 08/04/90 06:15 | 0.10                         |
| 08/04/90 06:30 | 0.20                         |
| 08/04/90 06:45 | 0.10                         |
| 08/04/90 07:00 | 0.10                         |
| 08/04/90 07:30 | 0.10                         |
| 08/04/90 08:45 | 0.10                         |
| 08/04/90 12:15 | 0.10                         |
| 08/05/90 16:15 | 0.10                         |
| 08/05/90 16:45 | 0.10                         |
| 08/21/90 18:00 | 0.10                         |
| 08/22/90 13:00 | 0.10                         |
| 09/01/90 00:15 | 0.00                         |
| 09/03/90 17:30 | 0.10                         |
| 09/10/90 00:45 | 0.10                         |
| 09/10/90 06:45 | 0.10                         |
| 09/10/90 07:15 | 0.10                         |
| 09/10/90 08:00 | 0.40                         |
| 09/10/90 08:15 | 0.10                         |
| 09/10/90 22:30 | 0.10                         |
| 09/10/90 22:45 | 0.10                         |
| 09/10/90 23:30 | 0.10                         |
| 09/10/90 23:45 | 0.20                         |
| 09/11/90 00:15 | 0.10                         |
| 09/11/90 02:00 | 0.10                         |
| 09/11/90 13:00 | 0.10                         |
| 09/12/90 14:00 | 0.10                         |
| 09/17/90 16:45 | 0.10                         |
| 09/17/90 17:00 | 0.10                         |
| 09/17/90 17:15 | 0.10                         |
| 09/20/90 21:00 | 0.10                         |
| 09/20/90 21:15 | 0.10                         |
| 10/01/90 00:15 | 0.00                         |
| 10/03/90 10:00 | 0.10                         |
| 10/03/90 10:30 | 0.10                         |
| 10/03/90 10:45 | 0.10                         |
| 10/03/90 14:30 | 0.10                         |
| 10/03/90 17:30 | 0.10                         |
| 10/07/90 20:30 | 0.10                         |
| 10/08/90 18:45 | 0.10                         |
| 10/08/90 21:15 | 0.50                         |
| 10/08/90 21:30 | 0.10                         |
| 10/08/90 21:45 | 0.20                         |
| 10/08/90 23:30 | 0.10                         |
| 10/08/90 23:45 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 10/09/90 00:15 | 0.10                         |
| 10/09/90 00:30 | 0.10                         |
| 10/09/90 00:45 | 0.10                         |
| 10/09/90 01:15 | 0.10                         |
| 10/09/90 02:00 | 0.10                         |
| 10/17/90 17:15 | 0.30                         |
| 10/21/90 08:15 | 0.10                         |
| 10/21/90 14:00 | 0.10                         |
| 11/01/90 00:15 | 0.00                         |
| 11/04/90 05:45 | 0.10                         |
| 11/04/90 06:45 | 0.10                         |
| 11/04/90 07:15 | 0.10                         |
| 11/04/90 07:45 | 0.10                         |
| 11/04/90 08:00 | 0.10                         |
| 11/04/90 08:30 | 0.10                         |
| 11/04/90 09:15 | 0.10                         |
| 11/04/90 10:00 | 0.10                         |
| 11/05/90 11:15 | 0.10                         |
| 11/08/90 06:30 | 0.10                         |
| 11/08/90 07:30 | 0.10                         |
| 11/08/90 08:00 | 0.10                         |
| 11/08/90 08:15 | 0.10                         |
| 11/08/90 08:30 | 0.10                         |
| 11/08/90 08:45 | 0.10                         |
| 11/08/90 09:15 | 0.10                         |
| 11/08/90 10:45 | 0.10                         |
| 11/08/90 11:45 | 0.10                         |
| 11/08/90 12:30 | 0.10                         |
| 11/08/90 14:15 | 0.10                         |
| 11/08/90 14:45 | 0.10                         |
| 11/08/90 15:15 | 0.10                         |
| 11/08/90 15:45 | 0.10                         |
| 11/08/90 16:00 | 0.10                         |
| 11/08/90 16:30 | 0.10                         |
| 11/08/90 17:15 | 0.10                         |
| 11/08/90 17:30 | 0.10                         |
| 11/08/90 17:45 | 0.10                         |
| 11/08/90 18:15 | 0.10                         |
| 11/08/90 19:00 | 0.10                         |
| 11/08/90 20:00 | 0.10                         |
| 11/09/90 03:15 | 0.10                         |
| 11/09/90 04:15 | 0.10                         |
| 11/21/90 17:30 | 0.10                         |
| 11/21/90 18:00 | 0.10                         |
| 11/21/90 18:15 | 0.30                         |
| 11/21/90 18:30 | 0.20                         |
| 11/21/90 18:45 | 0.30                         |
| 11/21/90 19:15 | 0.10                         |
| 11/22/90 08:45 | 0.10                         |
| 11/22/90 09:00 | 0.10                         |
| 11/22/90 09:30 | 0.10                         |
| 11/22/90 10:00 | 0.10                         |
| 11/26/90 14:00 | 0.10                         |
| 11/26/90 20:15 | 0.10                         |
| 11/27/90 12:00 | 0.20                         |
| 12/01/90 00:15 | 0.00                         |
| 12/02/90 11:00 | 0.20                         |
| 12/02/90 12:00 | 0.10                         |
| 12/02/90 12:15 | 0.10                         |
| 12/02/90 13:30 | 0.10                         |
| 12/02/90 14:30 | 0.10                         |
| 12/16/90 11:00 | 0.10                         |
| 12/17/90 14:30 | 0.10                         |
| 12/18/90 02:45 | 0.10                         |
| 12/21/90 00:45 | 0.10                         |
| 12/26/90 15:00 | 0.10                         |
| 12/26/90 17:00 | 0.10                         |
| 12/26/90 17:30 | 0.10                         |
| 12/26/90 19:45 | 0.10                         |
| 12/29/90 05:45 | 0.10                         |
| 12/29/90 07:45 | 0.10                         |
| 01/01/91 00:15 | 0.00                         |
| 01/02/91 12:00 | 0.10                         |
| 01/05/91 16:00 | 0.10                         |
| 01/05/91 23:15 | 0.10                         |
| 01/06/91 05:15 | 0.10                         |
| 01/06/91 06:30 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 01/06/91 07:15 | 0.10                         |
| 01/06/91 08:30 | 0.10                         |
| 01/06/91 11:00 | 0.10                         |
| 01/06/91 12:45 | 0.10                         |
| 01/09/91 17:45 | 0.10                         |
| 01/09/91 18:00 | 0.10                         |
| 01/09/91 18:30 | 0.10                         |
| 01/09/91 19:45 | 0.10                         |
| 01/09/91 20:45 | 0.10                         |
| 01/09/91 21:15 | 0.10                         |
| 01/09/91 21:30 | 0.10                         |
| 01/09/91 21:45 | 0.10                         |
| 01/09/91 22:00 | 0.10                         |
| 01/09/91 22:15 | 0.10                         |
| 01/09/91 22:30 | 0.20                         |
| 01/10/91 01:15 | 0.10                         |
| 01/10/91 11:00 | 0.10                         |
| 01/14/91 17:15 | 0.10                         |
| 01/14/91 18:15 | 0.10                         |
| 01/14/91 18:30 | 0.10                         |
| 01/14/91 18:45 | 0.10                         |
| 01/15/91 03:45 | 0.10                         |
| 01/15/91 04:45 | 0.10                         |
| 01/17/91 20:30 | 0.10                         |
| 01/18/91 05:30 | 0.10                         |
| 01/18/91 13:15 | 0.10                         |
| 01/18/91 17:30 | 0.10                         |
| 01/18/91 20:45 | 0.10                         |
| 01/18/91 22:30 | 0.10                         |
| 01/19/91 03:00 | 0.10                         |
| 01/30/91 05:15 | 0.10                         |
| 02/01/91 00:15 | 0.00                         |
| 02/04/91 10:00 | 0.10                         |
| 02/04/91 10:45 | 0.10                         |
| 02/04/91 11:30 | 0.10                         |
| 02/04/91 11:45 | 0.10                         |
| 02/04/91 12:15 | 0.10                         |
| 02/04/91 13:00 | 0.10                         |
| 02/04/91 14:45 | 0.10                         |
| 02/04/91 16:00 | 0.10                         |
| 02/05/91 00:30 | 0.10                         |
| 02/05/91 02:00 | 0.10                         |
| 02/05/91 11:00 | 0.10                         |
| 02/05/91 11:30 | 0.10                         |
| 02/05/91 11:45 | 0.10                         |
| 02/05/91 13:00 | 0.10                         |
| 02/21/91 18:00 | 0.10                         |
| 02/21/91 21:45 | 0.10                         |
| 02/21/91 22:15 | 0.10                         |
| 02/21/91 22:30 | 0.10                         |
| 02/21/91 23:00 | 0.10                         |
| 02/21/91 23:30 | 0.10                         |
| 02/22/91 00:30 | 0.10                         |
| 02/22/91 02:15 | 0.10                         |
| 02/22/91 03:30 | 0.10                         |
| 02/22/91 03:45 | 0.10                         |
| 02/22/91 04:15 | 0.10                         |
| 02/22/91 05:30 | 0.10                         |
| 02/22/91 09:45 | 0.10                         |
| 03/01/91 00:15 | 0.00                         |
| 03/01/91 02:15 | 0.10                         |
| 03/01/91 04:30 | 0.10                         |
| 03/01/91 05:00 | 0.10                         |
| 03/15/91 11:30 | 0.10                         |
| 03/17/91 02:00 | 0.10                         |
| 03/22/91 06:15 | 0.20                         |
| 03/22/91 06:30 | 0.10                         |
| 03/27/91 04:15 | 0.10                         |
| 03/27/91 04:45 | 0.10                         |
| 03/27/91 05:00 | 0.10                         |
| 04/01/91 00:15 | 0.00                         |
| 04/06/91 07:00 | 0.10                         |
| 04/11/91 21:00 | 0.10                         |
| 04/11/91 21:30 | 0.20                         |
| 04/11/91 21:45 | 0.10                         |
| 04/11/91 22:00 | 0.10                         |
| 04/11/91 22:15 | 0.40                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 04/11/91 22:30 | 0.20                         |
| 04/11/91 22:45 | 0.10                         |
| 04/11/91 23:00 | 0.10                         |
| 04/11/91 23:15 | 0.20                         |
| 04/11/91 23:30 | 0.40                         |
| 04/11/91 23:45 | 0.90                         |
| 04/12/91 00:15 | 0.40                         |
| 04/12/91 11:15 | 0.10                         |
| 04/12/91 14:00 | 0.10                         |
| 04/13/91 08:45 | 0.20                         |
| 04/13/91 09:30 | 0.10                         |
| 04/13/91 09:45 | 0.70                         |
| 04/13/91 10:00 | 0.40                         |
| 04/13/91 10:15 | 0.10                         |
| 04/13/91 10:30 | 0.10                         |
| 04/13/91 10:45 | 0.40                         |
| 04/13/91 11:00 | 0.10                         |
| 04/13/91 11:45 | 0.10                         |
| 04/13/91 12:15 | 0.10                         |
| 04/17/91 18:45 | 0.10                         |
| 04/17/91 19:00 | 0.10                         |
| 04/17/91 19:15 | 0.10                         |
| 04/17/91 22:30 | 0.10                         |
| 04/24/91 20:30 | 0.10                         |
| 04/24/91 21:00 | 0.10                         |
| 04/24/91 21:15 | 0.10                         |
| 04/27/91 03:30 | 0.10                         |
| 04/27/91 03:45 | 0.10                         |
| 04/28/91 13:30 | 0.10                         |
| 04/28/91 15:30 | 0.10                         |
| 05/01/91 00:15 | 0.00                         |
| 05/02/91 09:00 | 0.00                         |
| 06/01/91 00:15 | 0.00                         |
| 06/03/91 08:00 | 0.00                         |
| 06/05/91 15:30 | 0.20                         |
| 06/05/91 16:45 | 0.10                         |
| 06/07/91 10:00 | 0.10                         |
| 06/07/91 16:00 | 0.40                         |
| 06/07/91 16:15 | 0.90                         |
| 06/07/91 16:30 | 0.40                         |
| 06/07/91 16:45 | 0.10                         |
| 06/16/91 08:45 | 0.10                         |
| 06/22/91 22:30 | 0.50                         |
| 06/22/91 22:45 | 0.40                         |
| 06/22/91 23:00 | 0.30                         |
| 06/22/91 23:15 | 0.10                         |
| 06/22/91 23:30 | 0.20                         |
| 06/29/91 20:45 | 0.10                         |
| 07/01/91 00:15 | 0.00                         |
| 07/03/91 21:15 | 0.10                         |
| 07/03/91 21:30 | 0.10                         |
| 07/24/91 20:45 | 0.10                         |
| 07/27/91 17:00 | 0.10                         |
| 07/27/91 17:15 | 0.10                         |
| 07/27/91 19:30 | 0.10                         |
| 07/27/91 21:30 | 0.10                         |
| 07/27/91 22:00 | 0.10                         |
| 07/28/91 05:15 | 0.10                         |
| 07/28/91 06:30 | 0.10                         |
| 07/28/91 06:45 | 0.10                         |
| 07/28/91 07:45 | 0.10                         |
| 07/28/91 08:00 | 0.10                         |
| 08/01/91 00:15 | 0.00                         |
| 08/09/91 14:45 | 0.10                         |
| 08/09/91 15:15 | 0.10                         |
| 08/10/91 08:00 | 0.10                         |
| 08/12/91 10:00 | 0.10                         |
| 08/12/91 12:15 | 0.10                         |
| 08/12/91 13:15 | 0.10                         |
| 08/13/91 09:30 | 0.10                         |
| 08/13/91 09:45 | 0.70                         |
| 08/13/91 10:00 | 0.30                         |
| 08/13/91 10:15 | 0.20                         |
| 08/13/91 11:00 | 0.10                         |
| 08/13/91 12:00 | 0.10                         |
| 08/13/91 20:15 | 0.10                         |
| 08/14/91 01:30 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 08/14/91 09:15 | 0.10                         |
| 08/22/91 07:00 | 0.10                         |
| 08/22/91 09:15 | 0.20                         |
| 08/22/91 09:30 | 0.40                         |
| 08/22/91 09:45 | 0.10                         |
| 08/29/91 14:15 | 0.10                         |
| 08/30/91 03:45 | 0.10                         |
| 08/30/91 04:00 | 0.50                         |
| 08/30/91 04:15 | 0.30                         |
| 08/30/91 05:00 | 0.10                         |
| 08/30/91 05:30 | 0.10                         |
| 08/31/91 15:45 | 0.10                         |
| 08/31/91 16:00 | 0.10                         |
| 09/01/91 00:15 | 0.00                         |
| 09/01/91 01:15 | 0.10                         |
| 09/01/91 01:30 | 0.20                         |
| 09/01/91 01:45 | 0.10                         |
| 09/01/91 11:45 | 0.10                         |
| 09/04/91 12:30 | 0.10                         |
| 09/04/91 12:45 | 0.20                         |
| 09/07/91 15:15 | 0.10                         |
| 09/08/91 09:00 | 0.10                         |
| 09/16/91 12:45 | 0.10                         |
| 09/18/91 11:00 | 0.10                         |
| 09/18/91 11:15 | 0.10                         |
| 09/18/91 11:30 | 0.10                         |
| 09/18/91 15:00 | 0.10                         |
| 09/19/91 01:45 | 0.10                         |
| 09/19/91 02:30 | 0.10                         |
| 09/19/91 02:45 | 0.10                         |
| 09/19/91 03:45 | 0.10                         |
| 09/19/91 06:00 | 0.10                         |
| 09/19/91 07:45 | 0.10                         |
| 09/24/91 12:30 | 0.10                         |
| 09/24/91 12:45 | 0.30                         |
| 09/24/91 13:00 | 0.10                         |
| 10/01/91 00:15 | 0.00                         |
| 10/01/91 16:15 | 0.00                         |
| 11/01/91 00:15 | 0.00                         |
| 11/16/91 15:30 | 0.10                         |
| 11/16/91 16:30 | 0.10                         |
| 11/16/91 20:00 | 0.30                         |
| 11/17/91 00:15 | 0.10                         |
| 11/17/91 00:30 | 0.10                         |
| 11/17/91 01:30 | 0.10                         |
| 11/17/91 03:00 | 0.10                         |
| 11/17/91 08:00 | 0.10                         |
| 11/19/91 08:45 | 0.40                         |
| 11/19/91 09:00 | 0.20                         |
| 11/19/91 12:30 | 0.10                         |
| 11/30/91 20:45 | 0.10                         |
| 11/30/91 21:30 | 0.10                         |
| 11/30/91 22:45 | 0.10                         |
| 12/01/91 00:15 | 0.00                         |
| 12/01/91 10:00 | 0.10                         |
| 12/02/91 02:45 | 0.10                         |
| 12/02/91 03:45 | 0.10                         |
| 12/02/91 06:30 | 0.10                         |
| 12/02/91 07:00 | 0.10                         |
| 12/02/91 07:30 | 0.10                         |
| 12/08/91 23:00 | 0.10                         |
| 12/08/91 23:15 | 0.30                         |
| 12/08/91 23:30 | 0.20                         |
| 12/08/91 23:45 | 0.20                         |
| 12/09/91 00:45 | 0.10                         |
| 12/09/91 01:00 | 0.10                         |
| 12/09/91 01:15 | 0.20                         |
| 12/09/91 01:30 | 0.10                         |
| 12/09/91 02:00 | 0.10                         |
| 12/09/91 02:15 | 0.10                         |
| 12/11/91 04:30 | 0.10                         |
| 12/11/91 14:45 | 0.10                         |
| 12/11/91 15:15 | 0.10                         |
| 12/11/91 15:30 | 0.10                         |
| 12/11/91 16:00 | 0.10                         |
| 12/11/91 17:00 | 0.10                         |
| 12/11/91 20:45 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 12/18/91 17:00 | 0.10                         |
| 12/19/91 01:00 | 0.10                         |
| 12/19/91 02:30 | 0.10                         |
| 12/19/91 04:00 | 0.10                         |
| 12/19/91 04:15 | 0.10                         |
| 12/19/91 07:15 | 0.10                         |
| 12/19/91 12:15 | 0.10                         |
| 12/19/91 16:15 | 0.10                         |
| 12/19/91 17:15 | 0.10                         |
| 12/19/91 18:15 | 0.10                         |
| 12/19/91 19:00 | 0.10                         |
| 12/19/91 21:30 | 0.10                         |
| 12/20/91 10:15 | 0.10                         |
| 12/20/91 12:00 | 0.20                         |
| 12/20/91 12:15 | 0.20                         |
| 12/20/91 12:45 | 0.10                         |
| 12/20/91 13:00 | 0.10                         |
| 12/20/91 13:15 | 0.10                         |
| 12/20/91 13:30 | 0.20                         |
| 12/20/91 13:45 | 0.10                         |
| 12/20/91 14:00 | 0.20                         |
| 12/20/91 14:15 | 0.10                         |
| 12/20/91 14:30 | 0.10                         |
| 12/20/91 14:45 | 0.10                         |
| 12/20/91 15:00 | 0.10                         |
| 12/20/91 15:15 | 0.20                         |
| 12/20/91 15:30 | 0.10                         |
| 12/20/91 15:45 | 0.20                         |
| 12/20/91 16:15 | 0.10                         |
| 12/20/91 17:15 | 0.10                         |
| 12/20/91 17:45 | 0.10                         |
| 12/20/91 18:30 | 0.10                         |
| 12/20/91 19:00 | 0.10                         |
| 12/20/91 19:45 | 0.10                         |
| 12/20/91 20:15 | 0.10                         |
| 12/20/91 20:45 | 0.10                         |
| 12/20/91 21:00 | 0.10                         |
| 12/20/91 21:30 | 0.10                         |
| 12/20/91 21:45 | 0.10                         |
| 12/20/91 22:45 | 0.10                         |
| 12/21/91 00:45 | 0.10                         |
| 12/22/91 09:00 | 0.10                         |
| 12/22/91 09:30 | 0.10                         |
| 12/22/91 10:30 | 0.10                         |
| 12/22/91 12:15 | 0.10                         |
| 12/22/91 12:30 | 0.10                         |
| 12/22/91 12:45 | 0.10                         |
| 12/26/91 07:15 | 0.10                         |
| 12/26/91 08:45 | 0.10                         |
| 12/26/91 22:45 | 0.10                         |
| 12/31/91 22:30 | 0.10                         |
| 01/01/92 00:15 | 0.00                         |
| 01/01/92 01:00 | 0.10                         |
| 01/01/92 04:00 | 0.10                         |
| 01/07/92 10:30 | 0.10                         |
| 01/13/92 05:45 | 0.10                         |
| 01/17/92 14:00 | 0.10                         |
| 01/17/92 18:00 | 0.10                         |
| 01/17/92 23:00 | 0.10                         |
| 01/18/92 01:30 | 0.10                         |
| 01/18/92 03:00 | 0.10                         |
| 01/18/92 07:30 | 0.10                         |
| 01/18/92 11:00 | 0.10                         |
| 01/21/92 15:45 | 0.10                         |
| 01/21/92 18:30 | 0.10                         |
| 01/21/92 19:45 | 0.10                         |
| 01/21/92 21:00 | 0.10                         |
| 01/22/92 10:00 | 0.10                         |
| 01/26/92 16:15 | 0.10                         |
| 01/26/92 17:15 | 0.10                         |
| 01/26/92 18:30 | 0.10                         |
| 01/26/92 20:45 | 0.10                         |
| 01/26/92 22:45 | 0.10                         |
| 01/26/92 23:30 | 0.10                         |
| 01/27/92 01:30 | 0.10                         |
| 01/27/92 02:00 | 0.10                         |
| 01/27/92 02:45 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 01/27/92 04:00 | 0.10                         |
| 01/27/92 06:00 | 0.10                         |
| 01/27/92 10:30 | 0.10                         |
| 01/27/92 13:30 | 0.10                         |
| 01/27/92 16:30 | 0.10                         |
| 01/28/92 02:45 | 0.10                         |
| 02/01/92 00:15 | 0.00                         |
| 02/04/92 18:30 | 0.10                         |
| 02/14/92 08:00 | 0.10                         |
| 02/22/92 03:00 | 0.10                         |
| 02/22/92 11:30 | 0.10                         |
| 02/22/92 13:15 | 0.10                         |
| 02/22/92 14:30 | 0.10                         |
| 02/22/92 15:15 | 0.10                         |
| 02/22/92 16:00 | 0.10                         |
| 02/22/92 16:15 | 0.10                         |
| 02/22/92 16:45 | 0.10                         |
| 02/22/92 17:30 | 0.10                         |
| 02/22/92 18:15 | 0.10                         |
| 02/24/92 14:45 | 0.10                         |
| 02/24/92 16:30 | 0.10                         |
| 02/24/92 17:30 | 0.10                         |
| 02/24/92 17:45 | 0.10                         |
| 02/24/92 19:00 | 0.10                         |
| 02/24/92 20:30 | 0.10                         |
| 02/24/92 21:15 | 0.10                         |
| 02/24/92 21:45 | 0.10                         |
| 02/24/92 22:30 | 0.10                         |
| 02/24/92 23:00 | 0.10                         |
| 02/24/92 23:30 | 0.10                         |
| 02/25/92 01:45 | 0.10                         |
| 02/25/92 03:15 | 0.10                         |
| 02/25/92 05:15 | 0.10                         |
| 02/25/92 06:45 | 0.10                         |
| 02/25/92 08:00 | 0.10                         |
| 03/01/92 00:15 | 0.00                         |
| 03/03/92 22:15 | 0.10                         |
| 03/04/92 00:45 | 0.10                         |
| 03/04/92 01:00 | 0.10                         |
| 03/04/92 01:15 | 0.10                         |
| 03/04/92 01:45 | 0.10                         |
| 03/04/92 02:15 | 0.10                         |
| 03/04/92 20:00 | 0.20                         |
| 03/04/92 20:45 | 0.10                         |
| 03/09/92 02:15 | 0.10                         |
| 03/09/92 02:45 | 0.30                         |
| 03/09/92 03:00 | 0.20                         |
| 03/09/92 03:15 | 0.10                         |
| 03/09/92 05:15 | 0.10                         |
| 03/09/92 05:45 | 0.10                         |
| 03/17/92 17:30 | 0.10                         |
| 03/17/92 17:45 | 0.20                         |
| 03/17/92 18:00 | 0.20                         |
| 03/17/92 19:00 | 0.10                         |
| 03/17/92 22:30 | 0.10                         |
| 03/24/92 14:45 | 0.10                         |
| 03/24/92 20:45 | 0.20                         |
| 03/24/92 21:15 | 0.10                         |
| 04/01/92 00:15 | 0.00                         |
| 04/06/92 00:30 | 0.10                         |
| 04/06/92 01:45 | 0.10                         |
| 04/06/92 02:15 | 0.10                         |
| 04/06/92 02:30 | 0.10                         |
| 04/06/92 04:45 | 0.10                         |
| 04/06/92 12:45 | 0.10                         |
| 04/19/92 08:00 | 0.10                         |
| 04/19/92 13:15 | 0.10                         |
| 04/19/92 15:30 | 0.10                         |
| 04/19/92 15:45 | 0.10                         |
| 05/01/92 00:15 | 0.00                         |
| 05/11/92 21:00 | 0.10                         |
| 05/11/92 21:15 | 0.80                         |
| 05/11/92 21:30 | 0.20                         |
| 05/11/92 23:15 | 0.10                         |
| 05/14/92 11:30 | 0.10                         |
| 05/14/92 11:45 | 0.10                         |
| 05/14/92 13:00 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 05/14/92 15:30 | 0.10                         |
| 05/16/92 10:15 | 0.10                         |
| 05/16/92 13:00 | 0.10                         |
| 05/17/92 01:45 | 0.10                         |
| 05/17/92 02:00 | 0.10                         |
| 05/17/92 02:15 | 0.10                         |
| 05/17/92 02:45 | 0.10                         |
| 05/17/92 04:00 | 0.10                         |
| 05/17/92 04:15 | 0.10                         |
| 05/17/92 04:30 | 0.10                         |
| 05/17/92 05:30 | 0.10                         |
| 05/17/92 05:45 | 0.20                         |
| 05/17/92 09:00 | 0.00                         |
| 05/19/92 08:00 | 0.00                         |
| 05/19/92 19:30 | 0.40                         |
| 05/19/92 19:45 | 0.10                         |
| 05/21/92 18:15 | 0.10                         |
| 05/21/92 18:30 | 0.10                         |
| 05/21/92 19:00 | 0.10                         |
| 05/23/92 15:00 | 0.10                         |
| 05/23/92 15:15 | 0.40                         |
| 05/23/92 15:30 | 0.10                         |
| 05/23/92 15:45 | 0.10                         |
| 05/25/92 08:15 | 0.10                         |
| 05/25/92 09:00 | 0.10                         |
| 05/25/92 17:15 | 0.10                         |
| 05/28/92 06:00 | 0.10                         |
| 05/28/92 06:45 | 0.10                         |
| 05/28/92 07:15 | 0.10                         |
| 05/28/92 07:45 | 0.10                         |
| 05/28/92 12:45 | 0.10                         |
| 05/31/92 12:00 | 0.10                         |
| 05/31/92 13:45 | 0.10                         |
| 06/01/92 00:15 | 0.00                         |
| 06/01/92 09:00 | 0.10                         |
| 06/01/92 09:15 | 0.10                         |
| 06/06/92 01:45 | 0.10                         |
| 06/06/92 02:00 | 0.20                         |
| 06/06/92 02:15 | 0.10                         |
| 06/06/92 02:30 | 0.10                         |
| 06/07/92 23:15 | 0.10                         |
| 06/07/92 23:30 | 0.20                         |
| 06/07/92 23:45 | 0.20                         |
| 06/09/92 08:30 | 0.10                         |
| 06/10/92 22:15 | 0.60                         |
| 06/10/92 22:45 | 0.10                         |
| 06/20/92 05:45 | 0.30                         |
| 06/20/92 06:00 | 0.10                         |
| 06/20/92 07:00 | 0.10                         |
| 06/25/92 05:00 | 0.30                         |
| 06/25/92 05:15 | 0.40                         |
| 06/25/92 05:30 | 0.30                         |
| 06/25/92 05:45 | 0.10                         |
| 06/25/92 06:00 | 0.10                         |
| 06/25/92 06:30 | 0.10                         |
| 06/25/92 06:45 | 0.10                         |
| 06/25/92 07:30 | 0.10                         |
| 06/25/92 07:45 | 0.10                         |
| 06/25/92 09:15 | 0.10                         |
| 06/25/92 11:00 | 0.20                         |
| 06/25/92 11:30 | 0.20                         |
| 06/25/92 11:45 | 0.10                         |
| 06/28/92 05:15 | 0.40                         |
| 06/28/92 05:30 | 0.80                         |
| 06/28/92 05:45 | 0.10                         |
| 06/28/92 06:15 | 0.10                         |
| 06/28/92 17:15 | 0.10                         |
| 06/28/92 17:30 | 0.10                         |
| 06/28/92 20:30 | 0.10                         |
| 06/28/92 20:45 | 0.10                         |
| 06/28/92 21:00 | 0.10                         |
| 06/28/92 21:30 | 0.60                         |
| 06/29/92 04:30 | 0.10                         |
| 06/29/92 04:45 | 0.10                         |
| 06/29/92 05:15 | 0.10                         |
| 06/29/92 05:30 | 0.10                         |
| 06/29/92 06:00 | 0.10                         |



| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 06/29/92 06:30 | 0.10                         |
| 07/01/92 00:15 | 0.00                         |
| 07/18/92 07:15 | 0.10                         |
| 07/27/92 15:15 | 0.30                         |
| 07/28/92 08:30 | 0.10                         |
| 07/29/92 06:00 | 0.10                         |
| 07/29/92 06:30 | 0.10                         |
| 07/29/92 07:15 | 0.10                         |
| 07/30/92 22:45 | 0.10                         |
| 07/30/92 23:00 | 0.20                         |
| 07/30/92 23:15 | 0.30                         |
| 07/31/92 02:30 | 0.10                         |
| 07/31/92 03:00 | 0.10                         |
| 07/31/92 03:30 | 0.10                         |
| 07/31/92 04:00 | 0.10                         |
| 08/01/92 00:15 | 0.00                         |
| 08/02/92 16:15 | 0.10                         |
| 08/02/92 16:45 | 0.10                         |
| 08/12/92 15:30 | 0.40                         |
| 08/12/92 15:45 | 0.10                         |
| 08/12/92 17:45 | 0.10                         |
| 08/12/92 20:30 | 0.10                         |
| 08/18/92 16:00 | 0.10                         |
| 08/18/92 16:30 | 0.10                         |
| 08/19/92 08:15 | 0.10                         |
| 08/19/92 08:30 | 0.10                         |
| 08/19/92 11:00 | 0.10                         |
| 08/26/92 15:00 | 0.10                         |
| 09/01/92 00:15 | 0.00                         |
| 09/01/92 13:00 | 0.20                         |
| 09/01/92 13:15 | 0.10                         |
| 09/01/92 13:30 | 0.10                         |
| 09/02/92 23:30 | 0.20                         |
| 09/02/92 23:45 | 0.30                         |
| 09/03/92 00:45 | 0.10                         |
| 09/03/92 01:00 | 0.40                         |
| 09/03/92 01:15 | 0.10                         |
| 09/03/92 02:30 | 0.30                         |
| 09/03/92 02:45 | 0.20                         |
| 09/03/92 03:00 | 0.30                         |
| 09/03/92 03:15 | 0.30                         |
| 09/03/92 03:30 | 0.10                         |
| 09/10/92 14:15 | 0.10                         |
| 09/10/92 16:45 | 0.10                         |
| 09/21/92 01:15 | 0.20                         |
| 09/21/92 01:30 | 0.40                         |
| 09/21/92 09:30 | 0.10                         |
| 10/01/92 00:15 | 0.00                         |
| 10/15/92 12:45 | 0.10                         |
| 10/15/92 13:00 | 0.70                         |
| 10/15/92 13:15 | 0.10                         |
| 10/15/92 13:45 | 0.10                         |
| 10/15/92 14:45 | 0.10                         |
| 10/15/92 15:45 | 0.10                         |
| 10/15/92 16:00 | 0.10                         |
| 10/15/92 16:15 | 0.10                         |
| 10/15/92 16:30 | 0.20                         |
| 10/28/92 07:45 | 0.10                         |
| 10/28/92 10:15 | 0.10                         |
| 10/30/92 10:15 | 0.10                         |
| 10/30/92 21:15 | 0.10                         |
| 10/31/92 00:30 | 0.20                         |
| 10/31/92 00:45 | 0.10                         |
| 10/31/92 01:00 | 0.10                         |
| 10/31/92 02:15 | 0.10                         |
| 10/31/92 02:30 | 0.10                         |
| 11/01/92 00:15 | 0.00                         |
| 11/01/92 09:15 | 0.00                         |
| 11/03/92 08:45 | 0.00                         |
| 11/10/92 08:15 | 0.00                         |
| 11/11/92 08:00 | 0.00                         |
| 11/11/92 19:15 | 0.10                         |
| 11/18/92 08:15 | 0.00                         |
| 11/20/92 08:00 | 1.20                         |
| 11/21/92 21:30 | 0.10                         |
| 11/21/92 22:00 | 0.10                         |
| 11/21/92 22:15 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 11/21/92 22:30 | 0.10                         |
| 11/21/92 23:15 | 0.10                         |
| 11/21/92 23:30 | 0.10                         |
| 11/22/92 03:30 | 0.10                         |
| 11/24/92 13:00 | 0.10                         |
| 11/24/92 15:15 | 0.10                         |
| 11/24/92 15:30 | 0.10                         |
| 11/24/92 15:45 | 0.10                         |
| 11/24/92 19:30 | 0.10                         |
| 12/01/92 00:15 | 0.00                         |
| 12/06/92 11:30 | 0.10                         |
| 12/09/92 01:00 | 0.10                         |
| 12/09/92 01:30 | 0.10                         |
| 12/09/92 01:45 | 0.10                         |
| 12/09/92 02:45 | 0.10                         |
| 12/13/92 08:15 | 0.10                         |
| 12/13/92 17:15 | 0.10                         |
| 12/14/92 00:45 | 0.10                         |
| 12/14/92 01:00 | 0.30                         |
| 12/14/92 01:15 | 0.20                         |
| 12/14/92 01:30 | 0.10                         |
| 12/14/92 02:00 | 0.10                         |
| 12/14/92 02:45 | 0.10                         |
| 12/14/92 03:30 | 0.10                         |
| 12/14/92 03:45 | 0.10                         |
| 12/14/92 06:30 | 0.20                         |
| 12/14/92 07:30 | 0.10                         |
| 12/14/92 10:15 | 0.10                         |
| 12/14/92 16:15 | 0.10                         |
| 12/14/92 17:30 | 0.10                         |
| 12/14/92 20:15 | 0.10                         |
| 12/14/92 22:15 | 0.10                         |
| 12/14/92 23:15 | 0.10                         |
| 12/15/92 00:45 | 0.10                         |
| 12/15/92 02:00 | 0.10                         |
| 12/15/92 03:15 | 0.10                         |
| 12/15/92 04:15 | 0.10                         |
| 12/15/92 05:30 | 0.10                         |
| 12/15/92 06:45 | 0.10                         |
| 12/15/92 08:30 | 0.10                         |
| 12/19/92 08:15 | 0.10                         |
| 12/22/92 17:15 | 0.10                         |
| 12/30/92 07:30 | 0.10                         |
| 12/30/92 07:45 | 0.10                         |
| 12/30/92 11:45 | 0.10                         |
| 01/01/93 00:15 | 0.00                         |
| 02/01/93 00:15 | 0.00                         |
| 02/06/93 08:30 | 0.00                         |
| 02/10/93 03:45 | 0.10                         |
| 02/10/93 04:30 | 0.10                         |
| 02/15/93 02:15 | 0.10                         |
| 02/15/93 03:15 | 0.20                         |
| 02/15/93 03:30 | 0.10                         |
| 02/15/93 04:00 | 0.10                         |
| 02/15/93 04:15 | 0.10                         |
| 02/15/93 04:30 | 0.20                         |
| 02/15/93 04:45 | 0.10                         |
| 02/15/93 05:00 | 0.30                         |
| 02/15/93 05:15 | 0.10                         |
| 02/15/93 06:00 | 0.10                         |
| 02/15/93 09:15 | 0.10                         |
| 02/24/93 00:15 | 0.10                         |
| 02/24/93 01:00 | 0.10                         |
| 02/24/93 01:45 | 0.10                         |
| 02/24/93 03:00 | 0.10                         |
| 02/24/93 04:30 | 0.10                         |
| 02/24/93 07:00 | 0.10                         |
| 02/24/93 07:15 | 0.10                         |
| 02/24/93 07:30 | 0.10                         |
| 02/24/93 07:45 | 0.20                         |
| 02/24/93 08:00 | 0.10                         |
| 02/24/93 08:15 | 0.10                         |
| 02/24/93 10:00 | 0.10                         |
| 02/24/93 10:15 | 0.10                         |
| 02/24/93 10:30 | 0.30                         |
| 02/24/93 10:45 | 0.10                         |
| 02/24/93 11:00 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 02/24/93 11:45 | 0.10                         |
| 02/24/93 12:30 | 0.10                         |
| 02/28/93 01:30 | 0.10                         |
| 02/28/93 02:00 | 0.10                         |
| 02/28/93 03:15 | 0.10                         |
| 02/28/93 04:30 | 0.10                         |
| 02/28/93 05:15 | 0.10                         |
| 02/28/93 06:45 | 0.10                         |
| 03/01/93 00:15 | 0.00                         |
| 03/01/93 08:15 | 0.00                         |
| 03/02/93 08:00 | 0.00                         |
| 03/11/93 08:15 | 0.00                         |
| 04/01/93 00:15 | 0.00                         |
| 04/03/93 08:15 | 0.00                         |
| 04/04/93 08:00 | 0.60                         |
| 04/07/93 06:00 | 0.10                         |
| 04/07/93 07:00 | 0.10                         |
| 04/07/93 07:30 | 0.10                         |
| 04/07/93 08:00 | 0.10                         |
| 04/07/93 13:30 | 0.10                         |
| 04/13/93 13:30 | 0.10                         |
| 04/13/93 15:30 | 0.20                         |
| 04/14/93 01:45 | 0.10                         |
| 04/14/93 02:15 | 0.10                         |
| 04/14/93 02:30 | 0.40                         |
| 04/14/93 02:45 | 0.20                         |
| 04/14/93 03:00 | 0.10                         |
| 04/14/93 03:15 | 0.20                         |
| 04/14/93 03:30 | 0.10                         |
| 04/14/93 04:00 | 0.10                         |
| 04/14/93 04:15 | 0.10                         |
| 04/14/93 06:45 | 0.10                         |
| 04/19/93 11:00 | 0.20                         |
| 04/19/93 11:15 | 0.40                         |
| 04/28/93 12:15 | 0.20                         |
| 04/28/93 12:30 | 0.10                         |
| 04/28/93 15:00 | 0.60                         |
| 04/28/93 15:15 | 0.50                         |
| 04/28/93 15:30 | 0.10                         |
| 04/28/93 15:45 | 0.10                         |
| 04/28/93 16:00 | 0.10                         |
| 04/28/93 16:30 | 0.10                         |
| 04/28/93 17:15 | 0.10                         |
| 04/28/93 17:30 | 0.10                         |
| 04/28/93 18:15 | 0.10                         |
| 05/01/93 00:15 | 0.00                         |
| 05/05/93 16:00 | 0.00                         |
| 05/11/93 05:45 | 0.10                         |
| 05/11/93 10:30 | 0.10                         |
| 05/11/93 11:00 | 0.20                         |
| 05/11/93 11:15 | 0.50                         |
| 05/11/93 11:30 | 0.10                         |
| 05/11/93 12:00 | 0.10                         |
| 05/11/93 13:00 | 0.10                         |
| 05/11/93 13:30 | 0.20                         |
| 05/13/93 11:30 | 0.10                         |
| 05/25/93 06:00 | 0.10                         |
| 05/30/93 01:00 | 0.20                         |
| 06/01/93 00:15 | 0.00                         |
| 06/09/93 19:30 | 0.30                         |
| 06/09/93 19:45 | 0.50                         |
| 06/09/93 20:00 | 0.10                         |
| 06/09/93 20:45 | 0.10                         |
| 06/09/93 21:00 | 0.10                         |
| 06/10/93 00:45 | 0.10                         |
| 06/10/93 01:00 | 0.10                         |
| 06/10/93 01:15 | 0.10                         |
| 06/10/93 01:45 | 0.10                         |
| 06/10/93 04:15 | 0.10                         |
| 06/11/93 19:30 | 0.30                         |
| 06/11/93 19:45 | 0.40                         |
| 06/11/93 20:15 | 0.10                         |
| 06/17/93 15:45 | 0.10                         |
| 06/17/93 16:00 | 0.10                         |
| 06/18/93 14:00 | 0.20                         |
| 06/25/93 17:00 | 0.10                         |
| 06/25/93 17:30 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 07/01/93 00:15 | 0.00                         |
| 08/01/93 00:15 | 0.00                         |
| 08/04/93 11:00 | 0.10                         |
| 08/04/93 11:15 | 0.20                         |
| 08/05/93 12:00 | 0.10                         |
| 08/06/93 23:45 | 0.10                         |
| 08/07/93 01:15 | 0.10                         |
| 08/07/93 03:30 | 0.10                         |
| 08/07/93 05:15 | 0.20                         |
| 08/07/93 05:30 | 0.10                         |
| 08/07/93 05:45 | 0.10                         |
| 08/08/93 01:30 | 0.10                         |
| 08/31/93 15:00 | 0.80                         |
| 08/31/93 15:15 | 0.60                         |
| 08/31/93 15:30 | 0.10                         |
| 08/31/93 15:45 | 0.10                         |
| 08/31/93 17:00 | 0.10                         |
| 09/01/93 00:15 | 0.00                         |
| 09/03/93 01:15 | 0.10                         |
| 09/03/93 02:00 | 0.10                         |
| 09/08/93 10:15 | 0.10                         |
| 09/08/93 10:45 | 0.10                         |
| 09/13/93 07:45 | 0.10                         |
| 09/13/93 08:00 | 0.10                         |
| 09/13/93 08:15 | 0.10                         |
| 09/13/93 11:45 | 0.10                         |
| 09/13/93 16:15 | 0.10                         |
| 09/14/93 03:45 | 0.10                         |
| 09/14/93 04:15 | 0.10                         |
| 09/14/93 07:00 | 0.10                         |
| 09/25/93 15:30 | 0.10                         |
| 09/25/93 18:15 | 0.10                         |
| 09/25/93 23:15 | 0.10                         |
| 09/26/93 02:30 | 0.10                         |
| 09/26/93 03:00 | 0.10                         |
| 09/26/93 03:15 | 0.10                         |
| 10/01/93 00:15 | 0.00                         |
| 10/02/93 17:45 | 0.20                         |
| 10/03/93 00:30 | 0.10                         |
| 10/03/93 03:15 | 0.10                         |
| 10/03/93 03:30 | 0.10                         |
| 10/08/93 23:15 | 0.10                         |
| 10/12/93 22:30 | 0.10                         |
| 10/12/93 22:45 | 0.10                         |
| 10/12/93 23:00 | 0.40                         |
| 10/12/93 23:15 | 0.10                         |
| 10/12/93 23:45 | 0.10                         |
| 10/13/93 00:15 | 0.10                         |
| 10/13/93 00:30 | 0.40                         |
| 10/13/93 00:45 | 0.20                         |
| 10/13/93 01:00 | 0.10                         |
| 10/13/93 01:30 | 0.10                         |
| 10/13/93 02:00 | 0.10                         |
| 10/16/93 19:15 | 0.10                         |
| 10/16/93 19:30 | 0.20                         |
| 10/16/93 19:45 | 0.20                         |
| 10/17/93 22:00 | 0.10                         |
| 10/18/93 00:30 | 0.10                         |
| 10/18/93 01:30 | 0.10                         |
| 10/18/93 01:45 | 0.30                         |
| 10/18/93 02:00 | 0.10                         |
| 10/18/93 03:00 | 0.10                         |
| 10/18/93 17:30 | 0.20                         |
| 10/18/93 17:45 | 0.20                         |
| 10/18/93 18:00 | 0.10                         |
| 10/18/93 18:15 | 0.40                         |
| 10/18/93 18:45 | 0.10                         |
| 10/18/93 21:45 | 0.10                         |
| 10/18/93 23:30 | 0.10                         |
| 10/19/93 06:00 | 0.50                         |
| 10/19/93 06:15 | 0.30                         |
| 10/19/93 07:15 | 0.10                         |
| 10/19/93 08:00 | 0.20                         |
| 10/19/93 08:30 | 0.10                         |
| 10/19/93 15:30 | 0.10                         |
| 10/19/93 16:45 | 0.10                         |
| 10/19/93 17:30 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 10/19/93 18:00 | 0.10                         |
| 10/19/93 20:00 | 0.20                         |
| 10/19/93 21:30 | 0.10                         |
| 10/19/93 21:45 | 0.30                         |
| 10/19/93 22:00 | 0.20                         |
| 10/19/93 22:30 | 0.10                         |
| 10/20/93 01:30 | 0.10                         |
| 10/29/93 16:00 | 0.10                         |
| 11/01/93 00:15 | 0.00                         |
| 11/02/93 08:15 | 0.10                         |
| 11/02/93 17:45 | 0.10                         |
| 11/03/93 11:45 | 0.10                         |
| 11/12/93 06:00 | 0.10                         |
| 11/12/93 23:15 | 0.10                         |
| 11/14/93 01:00 | 0.30                         |
| 11/14/93 01:30 | 0.10                         |
| 11/14/93 02:15 | 0.10                         |
| 11/16/93 03:30 | 0.10                         |
| 11/16/93 05:30 | 0.10                         |
| 11/16/93 06:45 | 0.10                         |
| 11/16/93 07:30 | 0.10                         |
| 11/16/93 08:00 | 0.10                         |
| 11/25/93 09:15 | 0.10                         |
| 11/25/93 11:30 | 0.10                         |
| 11/25/93 12:15 | 0.10                         |
| 11/25/93 13:00 | 0.10                         |
| 11/25/93 15:15 | 0.10                         |
| 11/26/93 06:45 | 0.10                         |
| 12/01/93 00:15 | 0.00                         |
| 12/03/93 16:00 | 0.00                         |
| 12/03/93 16:15 | 0.00                         |
| 12/04/93 08:00 | 0.00                         |
| 12/12/93 12:15 | 0.10                         |
| 12/12/93 13:15 | 0.30                         |
| 12/12/93 13:30 | 0.10                         |
| 12/12/93 13:45 | 0.10                         |
| 12/12/93 14:45 | 0.10                         |
| 01/01/94 00:15 | 0.00                         |
| 01/10/94 22:30 | 0.10                         |
| 01/11/94 02:45 | 0.10                         |
| 01/11/94 05:15 | 0.10                         |
| 01/11/94 06:00 | 0.10                         |
| 01/16/94 09:00 | 0.40                         |
| 01/16/94 09:15 | 0.20                         |
| 01/19/94 19:45 | 0.10                         |
| 01/21/94 09:45 | 0.10                         |
| 01/21/94 14:15 | 0.10                         |
| 01/22/94 08:45 | 0.10                         |
| 02/01/94 00:15 | 0.00                         |
| 02/08/94 23:45 | 0.10                         |
| 02/10/94 02:30 | 0.10                         |
| 02/18/94 06:45 | 0.00                         |
| 02/19/94 16:30 | 0.10                         |
| 02/21/94 07:45 | 0.10                         |
| 02/21/94 08:30 | 0.10                         |
| 02/21/94 11:15 | 0.10                         |
| 02/21/94 11:30 | 0.10                         |
| 02/21/94 12:15 | 0.20                         |
| 02/21/94 12:30 | 0.20                         |
| 02/21/94 12:45 | 0.20                         |
| 02/21/94 13:00 | 0.10                         |
| 02/21/94 13:15 | 0.10                         |
| 02/21/94 13:45 | 0.10                         |
| 02/21/94 17:00 | 0.10                         |
| 02/23/94 22:45 | 0.00                         |
| 02/28/94 04:00 | 0.10                         |
| 02/28/94 04:45 | 0.10                         |
| 02/28/94 05:30 | 0.10                         |
| 02/28/94 07:00 | 0.10                         |
| 02/28/94 08:00 | 0.10                         |
| 02/28/94 10:45 | 0.10                         |
| 02/28/94 11:30 | 0.10                         |
| 02/28/94 12:45 | 0.10                         |
| 02/28/94 17:15 | 0.10                         |
| 02/28/94 18:30 | 0.10                         |
| 03/01/94 00:15 | 0.00                         |
| 03/02/94 08:00 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 03/07/94 08:15 | 0.00                         |
| 03/09/94 08:00 | 1.40                         |
| 03/24/94 11:30 | 0.10                         |
| 03/26/94 16:30 | 0.10                         |
| 04/01/94 00:15 | 0.00                         |
| 04/05/94 11:00 | 0.20                         |
| 04/05/94 11:15 | 0.20                         |
| 04/11/94 14:15 | 0.10                         |
| 04/11/94 14:30 | 0.10                         |
| 04/11/94 14:45 | 0.10                         |
| 04/11/94 15:00 | 0.30                         |
| 04/11/94 15:15 | 0.10                         |
| 04/11/94 15:30 | 0.10                         |
| 04/25/94 19:45 | 0.50                         |
| 04/25/94 20:00 | 0.10                         |
| 04/29/94 02:15 | 0.10                         |
| 04/29/94 04:00 | 0.10                         |
| 04/29/94 05:00 | 0.10                         |
| 04/29/94 06:00 | 0.10                         |
| 04/29/94 07:00 | 0.10                         |
| 04/29/94 08:00 | 0.10                         |
| 04/29/94 08:30 | 0.10                         |
| 04/29/94 09:15 | 0.10                         |
| 04/29/94 11:00 | 0.10                         |
| 04/29/94 11:45 | 0.10                         |
| 04/29/94 12:15 | 0.10                         |
| 04/29/94 21:00 | 0.20                         |
| 04/29/94 21:15 | 0.10                         |
| 04/29/94 21:30 | 0.10                         |
| 04/29/94 22:30 | 0.10                         |
| 04/29/94 22:45 | 0.30                         |
| 05/01/94 00:15 | 0.00                         |
| 05/02/94 03:15 | 0.50                         |
| 05/02/94 04:15 | 0.10                         |
| 05/02/94 12:30 | 0.10                         |
| 05/02/94 12:45 | 0.10                         |
| 05/02/94 13:30 | 0.10                         |
| 05/02/94 14:00 | 0.10                         |
| 05/02/94 14:45 | 0.10                         |
| 05/02/94 15:30 | 0.10                         |
| 05/02/94 16:00 | 0.10                         |
| 05/02/94 16:45 | 0.10                         |
| 05/02/94 18:00 | 0.10                         |
| 05/03/94 01:00 | 0.10                         |
| 05/09/94 13:45 | 0.10                         |
| 05/09/94 15:15 | 0.10                         |
| 05/11/94 09:30 | 0.10                         |
| 05/11/94 21:45 | 0.10                         |
| 05/11/94 22:00 | 0.70                         |
| 05/11/94 22:15 | 0.50                         |
| 05/11/94 22:30 | 0.10                         |
| 05/11/94 23:00 | 0.10                         |
| 05/11/94 23:15 | 0.50                         |
| 05/11/94 23:30 | 0.20                         |
| 05/12/94 00:30 | 0.10                         |
| 05/12/94 01:15 | 0.10                         |
| 05/12/94 04:30 | 0.10                         |
| 05/13/94 05:00 | 0.40                         |
| 05/13/94 05:15 | 0.20                         |
| 05/13/94 05:45 | 0.10                         |
| 05/13/94 06:00 | 0.10                         |
| 05/13/94 16:45 | 0.10                         |
| 05/14/94 19:15 | 0.30                         |
| 05/14/94 19:30 | 0.20                         |
| 05/25/94 02:00 | 0.10                         |
| 05/26/94 01:30 | 0.10                         |
| 05/26/94 01:45 | 0.10                         |
| 05/26/94 02:15 | 0.10                         |
| 05/29/94 08:15 | 0.20                         |
| 05/29/94 08:30 | 0.60                         |
| 05/29/94 08:45 | 0.10                         |
| 05/29/94 11:15 | 0.10                         |
| 06/01/94 00:15 | 0.00                         |
| 06/11/94 15:15 | 0.10                         |
| 06/15/94 06:00 | 0.20                         |
| 06/15/94 07:45 | 0.10                         |
| 06/15/94 08:30 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 06/15/94 10:45 | 0.10                         |
| 06/15/94 12:30 | 0.10                         |
| 06/15/94 13:45 | 0.10                         |
| 06/15/94 14:00 | 0.10                         |
| 06/18/94 14:30 | 0.20                         |
| 06/19/94 13:15 | 0.50                         |
| 06/19/94 13:30 | 0.10                         |
| 06/23/94 14:15 | 0.10                         |
| 06/29/94 02:45 | 0.10                         |
| 06/30/94 03:30 | 0.20                         |
| 06/30/94 03:45 | 0.10                         |
| 06/30/94 04:15 | 0.10                         |
| 07/01/94 00:15 | 0.00                         |
| 07/08/94 02:15 | 0.10                         |
| 07/08/94 02:45 | 0.10                         |
| 07/08/94 03:45 | 0.10                         |
| 07/09/94 11:00 | 0.10                         |
| 07/09/94 11:15 | 0.10                         |
| 07/09/94 11:30 | 0.50                         |
| 07/10/94 20:45 | 0.10                         |
| 07/10/94 21:00 | 0.20                         |
| 07/10/94 21:15 | 0.40                         |
| 07/10/94 21:30 | 0.10                         |
| 07/10/94 21:45 | 0.10                         |
| 07/10/94 22:15 | 0.10                         |
| 07/10/94 23:00 | 0.10                         |
| 07/11/94 01:45 | 0.10                         |
| 07/11/94 02:45 | 0.10                         |
| 07/11/94 03:45 | 0.10                         |
| 07/11/94 04:30 | 0.10                         |
| 07/11/94 06:30 | 0.10                         |
| 07/11/94 06:45 | 0.50                         |
| 07/11/94 07:00 | 0.40                         |
| 07/11/94 07:15 | 0.40                         |
| 07/11/94 07:30 | 0.30                         |
| 07/11/94 07:45 | 0.10                         |
| 07/11/94 08:00 | 0.10                         |
| 07/11/94 09:15 | 0.10                         |
| 07/12/94 19:30 | 0.40                         |
| 07/12/94 19:45 | 0.10                         |
| 07/12/94 20:00 | 0.10                         |
| 07/14/94 11:00 | 0.10                         |
| 07/14/94 21:00 | 0.20                         |
| 07/14/94 21:30 | 0.10                         |
| 07/14/94 22:30 | 0.10                         |
| 07/14/94 23:30 | 0.10                         |
| 07/15/94 17:00 | 0.10                         |
| 07/22/94 01:30 | 0.10                         |
| 07/30/94 15:00 | 0.10                         |
| 08/01/94 00:15 | 0.00                         |
| 08/05/94 06:15 | 0.00                         |
| 08/05/94 07:45 | 0.00                         |
| 08/07/94 14:45 | 0.20                         |
| 08/07/94 15:00 | 0.10                         |
| 08/07/94 15:15 | 0.10                         |
| 08/07/94 16:30 | 0.10                         |
| 08/15/94 06:45 | 0.10                         |
| 08/15/94 07:00 | 0.20                         |
| 08/20/94 17:45 | 0.40                         |
| 08/20/94 18:00 | 0.20                         |
| 08/20/94 18:30 | 0.10                         |
| 08/20/94 20:00 | 0.10                         |
| 08/31/94 16:45 | 0.10                         |
| 08/31/94 17:00 | 0.10                         |
| 08/31/94 18:00 | 0.10                         |
| 08/31/94 18:30 | 0.10                         |
| 08/31/94 18:45 | 0.10                         |
| 08/31/94 19:00 | 0.20                         |
| 08/31/94 19:15 | 0.20                         |
| 08/31/94 19:45 | 0.10                         |
| 08/31/94 20:15 | 0.10                         |
| 08/31/94 20:45 | 0.10                         |
| 08/31/94 23:15 | 0.20                         |
| 09/01/94 00:15 | 0.00                         |
| 09/01/94 03:30 | 0.10                         |
| 09/01/94 12:15 | 0.10                         |
| 09/01/94 13:45 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 09/02/94 12:00 | 0.50                         |
| 09/02/94 12:15 | 0.20                         |
| 09/02/94 12:30 | 0.10                         |
| 09/02/94 12:45 | 0.10                         |
| 09/02/94 13:00 | 0.20                         |
| 09/02/94 13:15 | 0.30                         |
| 09/02/94 13:45 | 0.10                         |
| 09/08/94 02:30 | 0.10                         |
| 09/08/94 16:45 | 0.10                         |
| 11/01/94 00:15 | 0.00                         |
| 11/08/94 09:00 | 2.40                         |
| 11/09/94 07:15 | 0.10                         |
| 11/09/94 07:30 | 0.20                         |
| 11/09/94 07:45 | 0.10                         |
| 11/09/94 08:30 | 0.10                         |
| 11/09/94 09:45 | 0.10                         |
| 11/09/94 10:15 | 0.10                         |
| 11/09/94 12:30 | 0.10                         |
| 11/14/94 12:00 | 0.10                         |
| 11/14/94 12:15 | 0.10                         |
| 11/14/94 12:45 | 0.20                         |
| 11/14/94 13:00 | 0.10                         |
| 11/14/94 13:15 | 0.20                         |
| 11/14/94 13:30 | 0.10                         |
| 11/14/94 13:45 | 0.10                         |
| 11/14/94 14:00 | 0.10                         |
| 11/14/94 14:15 | 0.10                         |
| 11/14/94 14:45 | 0.10                         |
| 11/14/94 15:30 | 0.10                         |
| 11/14/94 16:00 | 0.10                         |
| 11/14/94 17:00 | 0.10                         |
| 11/14/94 18:30 | 0.10                         |
| 11/14/94 19:45 | 0.10                         |
| 11/14/94 21:00 | 0.10                         |
| 11/14/94 21:15 | 0.10                         |
| 11/14/94 21:30 | 0.10                         |
| 11/14/94 21:45 | 0.10                         |
| 11/14/94 22:45 | 0.10                         |
| 11/14/94 23:30 | 0.10                         |
| 11/17/94 06:45 | 0.10                         |
| 11/18/94 23:15 | 0.10                         |
| 11/18/94 23:45 | 0.10                         |
| 11/19/94 11:30 | 0.10                         |
| 11/19/94 12:30 | 0.10                         |
| 11/19/94 14:00 | 0.10                         |
| 11/20/94 07:15 | 0.10                         |
| 11/20/94 08:30 | 0.10                         |
| 11/20/94 09:30 | 0.10                         |
| 11/24/94 15:00 | 0.10                         |
| 12/01/94 00:15 | 0.00                         |
| 12/02/94 15:15 | 0.10                         |
| 12/02/94 16:15 | 0.10                         |
| 12/02/94 18:00 | 0.10                         |
| 12/08/94 05:00 | 0.10                         |
| 12/08/94 05:45 | 0.10                         |
| 12/08/94 10:45 | 0.10                         |
| 12/08/94 12:00 | 0.10                         |
| 12/09/94 07:00 | 0.10                         |
| 12/09/94 08:00 | 0.10                         |
| 12/09/94 10:15 | 0.10                         |
| 12/09/94 12:30 | 0.10                         |
| 12/09/94 14:00 | 0.10                         |
| 12/09/94 15:30 | 0.10                         |
| 12/09/94 18:30 | 0.10                         |
| 12/13/94 21:30 | 0.10                         |
| 12/14/94 14:00 | 0.10                         |
| 12/14/94 19:45 | 0.10                         |
| 12/15/94 21:15 | 0.10                         |
| 12/27/94 15:45 | 0.10                         |
| 12/27/94 16:45 | 0.10                         |
| 12/27/94 17:45 | 0.10                         |
| 12/28/94 08:00 | 0.10                         |
| 12/28/94 09:45 | 0.10                         |
| 12/28/94 13:30 | 0.10                         |
| 12/31/94 04:45 | 0.10                         |
| 01/01/95 00:15 | 0.00                         |
| 01/02/95 19:45 | 0.10                         |



| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 01/06/95 04:30 | 0.10                         |
| 01/06/95 04:45 | 0.10                         |
| 01/11/95 09:15 | 0.10                         |
| 01/12/95 18:15 | 0.20                         |
| 01/12/95 18:45 | 0.10                         |
| 01/12/95 19:45 | 0.10                         |
| 01/12/95 20:15 | 0.10                         |
| 01/12/95 20:45 | 0.10                         |
| 01/17/95 01:45 | 0.20                         |
| 01/17/95 02:00 | 0.30                         |
| 01/17/95 02:30 | 0.10                         |
| 01/18/95 04:45 | 0.10                         |
| 01/18/95 06:45 | 0.10                         |
| 01/18/95 12:15 | 0.10                         |
| 01/18/95 14:00 | 0.10                         |
| 01/18/95 15:00 | 0.10                         |
| 01/22/95 10:00 | 0.10                         |
| 01/22/95 11:15 | 0.10                         |
| 01/26/95 11:00 | 0.10                         |
| 01/26/95 11:15 | 0.10                         |
| 01/26/95 11:30 | 0.10                         |
| 01/26/95 11:45 | 0.50                         |
| 01/26/95 12:00 | 0.10                         |
| 01/26/95 12:15 | 0.30                         |
| 01/26/95 12:30 | 0.10                         |
| 01/26/95 12:45 | 0.20                         |
| 02/01/95 00:15 | 0.00                         |
| 02/10/95 09:00 | 0.00                         |
| 02/11/95 08:00 | 0.30                         |
| 02/13/95 09:00 | 0.00                         |
| 02/16/95 08:00 | 0.20                         |
| 02/27/95 09:00 | 0.00                         |
| 02/28/95 08:00 | 0.40                         |
| 03/01/95 00:15 | 0.00                         |
| 03/01/95 15:15 | 0.10                         |
| 03/02/95 08:30 | 0.10                         |
| 03/02/95 11:30 | 0.10                         |
| 03/02/95 14:30 | 0.10                         |
| 03/06/95 00:15 | 0.00                         |
| 03/06/95 11:00 | 0.00                         |
| 03/06/95 11:15 | 0.00                         |
| 04/01/95 00:15 | 0.00                         |
| 04/04/95 13:45 | 0.00                         |
| 04/04/95 22:45 | 0.10                         |
| 04/05/95 05:45 | 0.10                         |
| 04/05/95 06:30 | 0.10                         |
| 04/05/95 07:00 | 0.10                         |
| 04/05/95 07:15 | 0.10                         |
| 04/05/95 07:30 | 0.40                         |
| 04/05/95 07:45 | 0.20                         |
| 04/05/95 08:15 | 0.10                         |
| 04/05/95 08:45 | 0.10                         |
| 04/05/95 13:00 | 0.10                         |
| 04/10/95 08:00 | 0.10                         |
| 04/10/95 09:30 | 0.10                         |
| 04/17/95 14:45 | 0.30                         |
| 04/17/95 15:30 | 0.10                         |
| 04/19/95 02:15 | 0.10                         |
| 04/19/95 02:30 | 0.60                         |
| 04/19/95 02:45 | 0.30                         |
| 04/19/95 03:00 | 0.10                         |
| 04/19/95 05:15 | 0.20                         |
| 04/19/95 05:30 | 0.50                         |
| 04/19/95 05:45 | 0.10                         |
| 04/19/95 07:00 | 0.10                         |
| 04/19/95 07:15 | 0.20                         |
| 04/19/95 07:45 | 0.10                         |
| 04/20/95 02:15 | 0.10                         |
| 04/29/95 11:00 | 0.30                         |
| 04/29/95 11:15 | 0.10                         |
| 04/30/95 16:45 | 0.10                         |
| 04/30/95 23:00 | 0.00                         |
| 05/01/95 00:15 | 0.00                         |
| 05/03/95 10:00 | 0.00                         |
| 05/04/95 07:45 | 0.10                         |
| 05/05/95 19:45 | 0.10                         |
| 05/05/95 20:00 | 0.40                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 05/05/95 20:15 | 0.50                         |
| 05/05/95 20:30 | 0.20                         |
| 05/05/95 20:45 | 0.10                         |
| 05/05/95 21:15 | 0.10                         |
| 05/05/95 21:45 | 0.10                         |
| 05/07/95 21:15 | 0.20                         |
| 05/07/95 21:30 | 0.50                         |
| 05/07/95 21:45 | 0.40                         |
| 05/07/95 22:00 | 0.20                         |
| 05/07/95 22:15 | 0.10                         |
| 05/07/95 22:30 | 0.10                         |
| 05/07/95 23:00 | 0.10                         |
| 05/08/95 00:15 | 0.10                         |
| 05/08/95 00:45 | 0.10                         |
| 05/08/95 01:15 | 0.10                         |
| 05/08/95 01:30 | 0.10                         |
| 05/08/95 01:45 | 0.10                         |
| 05/08/95 02:00 | 0.10                         |
| 05/08/95 02:30 | 0.10                         |
| 05/08/95 02:45 | 0.10                         |
| 05/08/95 03:15 | 0.10                         |
| 05/08/95 03:45 | 0.10                         |
| 05/08/95 04:30 | 0.10                         |
| 05/08/95 05:00 | 0.10                         |
| 05/08/95 05:30 | 0.10                         |
| 05/24/95 18:00 | 0.10                         |
| 05/25/95 01:15 | 0.10                         |
| 05/27/95 00:30 | 0.20                         |
| 05/30/95 17:15 | 0.40                         |
| 05/30/95 17:30 | 0.20                         |
| 05/30/95 17:45 | 0.10                         |
| 06/01/95 00:15 | 0.00                         |
| 06/01/95 05:30 | 0.10                         |
| 06/10/95 10:45 | 0.20                         |
| 06/10/95 11:15 | 0.10                         |
| 06/10/95 11:30 | 0.10                         |
| 06/10/95 19:00 | 0.10                         |
| 06/10/95 19:15 | 0.40                         |
| 06/10/95 19:30 | 0.10                         |
| 06/10/95 20:00 | 0.10                         |
| 06/10/95 20:45 | 0.10                         |
| 06/10/95 21:15 | 0.10                         |
| 06/10/95 21:45 | 0.10                         |
| 06/10/95 22:15 | 0.10                         |
| 06/10/95 22:45 | 0.10                         |
| 06/10/95 23:15 | 0.10                         |
| 06/10/95 23:45 | 0.10                         |
| 06/11/95 00:15 | 0.10                         |
| 06/11/95 11:15 | 0.00                         |
| 06/11/95 14:15 | 0.00                         |
| 06/27/95 20:45 | 0.10                         |
| 08/01/95 00:15 | 0.00                         |
| 08/05/95 09:30 | 0.00                         |
| 08/21/95 06:45 | 0.10                         |
| 09/01/95 00:15 | 0.00                         |
| 09/07/95 14:00 | 0.10                         |
| 09/12/95 17:00 | 0.10                         |
| 09/13/95 05:00 | 0.10                         |
| 09/13/95 07:15 | 0.10                         |
| 09/13/95 08:30 | 0.10                         |
| 09/13/95 09:15 | 0.10                         |
| 09/13/95 10:00 | 0.10                         |
| 09/13/95 10:15 | 0.10                         |
| 09/13/95 10:45 | 0.10                         |
| 09/13/95 11:15 | 0.10                         |
| 09/13/95 11:45 | 0.10                         |
| 09/13/95 12:00 | 0.10                         |
| 09/13/95 12:30 | 0.10                         |
| 09/17/95 13:30 | 0.10                         |
| 09/17/95 13:45 | 0.10                         |
| 09/17/95 14:15 | 0.20                         |
| 09/17/95 15:00 | 0.10                         |
| 09/17/95 15:45 | 0.10                         |
| 09/17/95 16:00 | 0.40                         |
| 09/17/95 16:15 | 0.20                         |
| 09/17/95 16:30 | 0.30                         |
| 09/17/95 16:45 | 0.20                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 09/17/95 17:15 | 0.10                         |
| 09/19/95 17:15 | 0.40                         |
| 09/19/95 17:45 | 0.10                         |
| 09/19/95 18:00 | 0.10                         |
| 09/19/95 18:15 | 0.10                         |
| 09/25/95 19:00 | 0.10                         |
| 10/01/95 00:15 | 0.00                         |
| 10/02/95 18:15 | 0.20                         |
| 10/02/95 18:30 | 0.10                         |
| 10/26/95 09:00 | 0.10                         |
| 10/30/95 05:45 | 0.10                         |
| 10/30/95 06:00 | 0.10                         |
| 10/30/95 06:15 | 0.10                         |
| 10/30/95 06:45 | 0.10                         |
| 10/31/95 21:30 | 0.10                         |
| 10/31/95 21:45 | 0.10                         |
| 10/31/95 22:15 | 0.10                         |
| 10/31/95 22:45 | 0.70                         |
| 10/31/95 23:15 | 0.10                         |
| 12/01/95 00:15 | 0.00                         |
| 12/03/95 20:30 | 0.00                         |
| 12/04/95 08:30 | 0.00                         |
| 12/04/95 08:45 | 0.00                         |
| 12/04/95 10:30 | 0.00                         |
| 12/08/95 03:30 | 0.10                         |
| 12/08/95 04:00 | 0.10                         |
| 12/08/95 05:45 | 0.10                         |
| 12/08/95 06:30 | 0.10                         |
| 12/08/95 09:15 | 0.10                         |
| 12/16/95 18:15 | 0.10                         |
| 12/16/95 18:30 | 0.30                         |
| 12/17/95 03:45 | 0.10                         |
| 12/17/95 04:45 | 0.10                         |
| 12/17/95 07:30 | 0.10                         |
| 12/17/95 20:00 | 0.10                         |
| 12/18/95 00:15 | 0.10                         |
| 12/18/95 02:15 | 0.10                         |
| 12/18/95 03:15 | 0.10                         |
| 12/18/95 07:45 | 0.10                         |
| 12/18/95 09:00 | 0.10                         |
| 12/29/95 18:45 | 0.10                         |
| 12/29/95 20:45 | 0.10                         |
| 12/29/95 21:30 | 0.10                         |
| 12/30/95 02:45 | 0.10                         |
| 02/01/96 00:15 | 0.00                         |
| 02/06/96 11:15 | 0.00                         |
| 02/06/96 11:30 | 0.00                         |
| 02/06/96 11:45 | 0.00                         |
| 02/21/96 13:00 | 0.00                         |
| 02/21/96 14:00 | 0.00                         |
| 02/27/96 08:15 | 0.20                         |
| 07/01/96 00:15 | 0.00                         |
| 07/01/96 01:15 | 0.00                         |
| 07/11/96 07:15 | 0.00                         |
| 08/01/96 00:15 | 0.00                         |
| 08/09/96 18:00 | 0.10                         |
| 08/11/96 20:30 | 0.10                         |
| 08/11/96 20:45 | 0.10                         |
| 08/12/96 10:45 | 0.00                         |
| 08/12/96 11:30 | 0.00                         |
| 08/17/96 09:30 | 0.10                         |
| 08/17/96 10:45 | 0.10                         |
| 08/18/96 08:30 | 0.20                         |
| 08/18/96 08:45 | 0.20                         |
| 08/25/96 16:00 | 0.10                         |
| 08/25/96 17:00 | 0.40                         |
| 08/25/96 17:15 | 0.10                         |
| 08/26/96 19:00 | 0.10                         |
| 08/27/96 13:15 | 0.10                         |
| 08/27/96 14:15 | 0.10                         |
| 08/27/96 20:30 | 0.20                         |
| 08/27/96 20:45 | 0.20                         |
| 08/27/96 21:00 | 0.30                         |
| 08/27/96 22:15 | 0.10                         |
| 08/28/96 22:15 | 0.10                         |
| 08/29/96 04:15 | 0.10                         |
| 08/29/96 04:30 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 08/29/96 04:45 | 0.10                         |
| 08/29/96 05:00 | 0.10                         |
| 08/29/96 05:15 | 0.10                         |
| 08/29/96 05:30 | 0.10                         |
| 08/29/96 07:15 | 0.10                         |
| 08/31/96 16:00 | 0.10                         |
| 08/31/96 16:15 | 0.30                         |
| 08/31/96 16:30 | 0.10                         |
| 08/31/96 16:45 | 0.30                         |
| 08/31/96 17:00 | 0.40                         |
| 08/31/96 17:15 | 0.40                         |
| 08/31/96 17:30 | 0.10                         |
| 08/31/96 17:45 | 0.10                         |
| 08/31/96 18:15 | 0.10                         |
| 09/01/96 00:15 | 0.00                         |
| 09/10/96 09:30 | 0.00                         |
| 09/10/96 10:00 | 0.00                         |
| 09/13/96 23:30 | 0.20                         |
| 09/15/96 03:45 | 0.10                         |
| 09/15/96 05:30 | 0.10                         |
| 09/15/96 06:15 | 0.10                         |
| 09/15/96 07:00 | 0.10                         |
| 09/15/96 08:00 | 0.10                         |
| 09/15/96 08:15 | 0.10                         |
| 09/15/96 08:30 | 0.10                         |
| 09/15/96 08:45 | 0.10                         |
| 09/15/96 12:15 | 0.10                         |
| 09/18/96 10:30 | 0.10                         |
| 09/18/96 10:45 | 0.20                         |
| 09/19/96 11:15 | 0.10                         |
| 09/26/96 11:00 | 0.10                         |
| 09/28/96 14:45 | 0.10                         |
| 09/29/96 10:30 | 0.00                         |
| 10/01/96 00:15 | 0.00                         |
| 10/03/96 02:15 | 0.00                         |
| 10/03/96 08:30 | 0.00                         |
| 10/18/96 22:45 | 0.00                         |
| 10/19/96 12:00 | 0.10                         |
| 10/21/96 10:30 | 0.20                         |
| 10/21/96 11:00 | 0.10                         |
| 10/21/96 11:30 | 0.10                         |
| 10/21/96 12:15 | 0.50                         |
| 10/21/96 12:30 | 0.50                         |
| 10/21/96 12:45 | 0.20                         |
| 10/21/96 13:45 | 0.10                         |
| 10/21/96 14:15 | 0.10                         |
| 10/22/96 00:15 | 0.10                         |
| 10/22/96 05:15 | 0.10                         |
| 10/27/96 19:00 | 0.30                         |
| 10/27/96 19:15 | 0.90                         |
| 10/27/96 19:30 | 0.20                         |
| 10/27/96 19:45 | 0.40                         |
| 10/27/96 20:00 | 0.10                         |
| 10/27/96 20:15 | 0.20                         |
| 10/27/96 20:30 | 0.10                         |
| 10/27/96 20:45 | 0.30                         |
| 10/27/96 21:00 | 0.20                         |
| 10/27/96 21:15 | 0.10                         |
| 10/27/96 21:30 | 0.10                         |
| 10/27/96 21:45 | 0.10                         |
| 10/27/96 22:15 | 0.10                         |
| 10/27/96 22:30 | 0.20                         |
| 10/27/96 22:45 | 0.50                         |
| 10/27/96 23:00 | 0.30                         |
| 10/27/96 23:15 | 0.10                         |
| 10/27/96 23:30 | 0.10                         |
| 10/28/96 00:15 | 0.10                         |
| 10/28/96 00:30 | 0.10                         |
| 10/28/96 01:00 | 0.10                         |
| 10/28/96 07:45 | 0.10                         |
| 10/28/96 09:15 | 0.10                         |
| 10/28/96 09:45 | 0.10                         |
| 10/28/96 10:00 | 0.10                         |
| 10/28/96 10:15 | 0.10                         |
| 10/29/96 14:45 | 0.10                         |
| 10/30/96 02:30 | 0.00                         |
| 10/30/96 11:45 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 11/01/96 00:15 | 0.00                         |
| 11/01/96 07:45 | 0.10                         |
| 11/01/96 14:15 | 0.10                         |
| 11/06/96 16:30 | 0.10                         |
| 11/06/96 23:45 | 0.10                         |
| 11/07/96 00:30 | 0.10                         |
| 11/07/96 00:45 | 0.10                         |
| 11/07/96 01:30 | 0.10                         |
| 11/07/96 01:45 | 0.50                         |
| 11/07/96 02:00 | 0.20                         |
| 11/07/96 02:15 | 0.10                         |
| 11/07/96 02:30 | 0.10                         |
| 11/07/96 03:15 | 0.10                         |
| 11/07/96 03:30 | 0.10                         |
| 11/07/96 04:00 | 0.10                         |
| 11/07/96 05:15 | 0.10                         |
| 11/07/96 10:00 | 0.00                         |
| 11/07/96 10:30 | 0.00                         |
| 11/17/96 00:45 | 0.10                         |
| 11/17/96 01:00 | 0.20                         |
| 11/17/96 01:15 | 0.10                         |
| 11/17/96 01:45 | 0.10                         |
| 11/17/96 03:15 | 0.10                         |
| 11/24/96 00:30 | 0.10                         |
| 11/24/96 01:00 | 0.10                         |
| 11/24/96 02:30 | 0.10                         |
| 11/24/96 02:45 | 0.30                         |
| 11/24/96 03:00 | 0.30                         |
| 11/24/96 03:15 | 0.30                         |
| 11/24/96 03:30 | 0.20                         |
| 11/24/96 03:45 | 0.20                         |
| 11/24/96 04:00 | 0.10                         |
| 11/24/96 05:00 | 0.10                         |
| 11/24/96 05:15 | 0.20                         |
| 11/24/96 05:45 | 0.10                         |
| 11/24/96 06:15 | 0.10                         |
| 11/24/96 06:45 | 0.10                         |
| 11/24/96 07:15 | 0.10                         |
| 11/24/96 08:45 | 0.10                         |
| 11/24/96 09:30 | 0.10                         |
| 11/24/96 12:00 | 0.10                         |
| 11/24/96 22:15 | 0.10                         |
| 11/24/96 23:00 | 0.10                         |
| 11/25/96 01:15 | 0.10                         |
| 11/29/96 01:45 | 0.10                         |
| 11/29/96 02:45 | 0.10                         |
| 11/29/96 04:15 | 0.10                         |
| 11/29/96 05:45 | 0.10                         |
| 11/29/96 07:15 | 0.10                         |
| 11/29/96 07:30 | 0.10                         |
| 11/29/96 07:45 | 0.10                         |
| 11/29/96 08:30 | 0.10                         |
| 11/29/96 08:45 | 0.10                         |
| 11/29/96 09:45 | 0.10                         |
| 11/30/96 07:45 | 0.10                         |
| 11/30/96 08:00 | 0.10                         |
| 11/30/96 09:00 | 0.10                         |
| 11/30/96 23:45 | 0.00                         |
| 03/01/97 00:15 | 0.00                         |
| 03/04/97 12:00 | 0.00                         |
| 03/04/97 12:15 | 0.00                         |
| 03/04/97 12:30 | 0.00                         |
| 03/04/97 12:45 | 0.10                         |
| 03/05/97 03:00 | 0.10                         |
| 03/12/97 08:00 | 0.20                         |
| 03/12/97 08:15 | 0.10                         |
| 03/12/97 09:00 | 0.10                         |
| 03/12/97 09:30 | 0.20                         |
| 03/12/97 09:45 | 0.10                         |
| 03/12/97 10:00 | 0.10                         |
| 03/12/97 10:30 | 0.10                         |
| 03/12/97 10:45 | 0.10                         |
| 03/12/97 13:45 | 0.10                         |
| 03/12/97 17:30 | 0.10                         |
| 03/13/97 02:15 | 0.10                         |
| 03/13/97 02:45 | 0.10                         |
| 03/25/97 02:30 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 03/25/97 02:45 | 0.20                         |
| 03/25/97 03:15 | 0.10                         |
| 03/25/97 03:45 | 0.10                         |
| 03/25/97 04:45 | 0.10                         |
| 03/25/97 06:00 | 0.10                         |
| 03/25/97 07:30 | 0.10                         |
| 03/29/97 20:45 | 0.20                         |
| 03/29/97 21:00 | 0.30                         |
| 04/01/97 00:15 | 0.00                         |
| 04/02/97 09:30 | 0.00                         |
| 04/02/97 10:15 | 0.00                         |
| 04/03/97 16:30 | 0.10                         |
| 04/03/97 18:30 | 0.10                         |
| 04/03/97 21:30 | 0.20                         |
| 04/03/97 22:15 | 0.10                         |
| 04/03/97 22:30 | 0.20                         |
| 04/03/97 23:15 | 0.10                         |
| 04/03/97 23:30 | 0.20                         |
| 04/04/97 02:00 | 0.10                         |
| 04/04/97 05:15 | 0.10                         |
| 04/04/97 06:00 | 0.10                         |
| 04/04/97 06:45 | 0.20                         |
| 04/04/97 07:00 | 0.10                         |
| 04/04/97 07:15 | 0.10                         |
| 04/04/97 08:00 | 0.10                         |
| 04/04/97 08:30 | 0.10                         |
| 04/04/97 09:15 | 0.10                         |
| 04/04/97 09:30 | 0.10                         |
| 04/04/97 09:45 | 0.10                         |
| 04/04/97 10:15 | 0.20                         |
| 04/04/97 10:30 | 0.10                         |
| 04/04/97 11:00 | 0.10                         |
| 04/04/97 16:45 | 0.10                         |
| 04/04/97 18:00 | 0.10                         |
| 04/04/97 18:15 | 0.20                         |
| 04/04/97 18:30 | 0.10                         |
| 04/04/97 19:30 | 0.10                         |
| 04/05/97 03:00 | 0.10                         |
| 04/08/97 12:30 | 0.10                         |
| 04/09/97 02:45 | 0.00                         |
| 04/09/97 10:15 | 0.10                         |
| 04/11/97 05:30 | 0.40                         |
| 04/11/97 05:45 | 0.30                         |
| 04/11/97 06:00 | 0.10                         |
| 04/11/97 06:45 | 0.10                         |
| 04/11/97 08:15 | 0.10                         |
| 04/21/97 11:45 | 0.10                         |
| 04/22/97 01:30 | 0.00                         |
| 04/22/97 03:00 | 0.30                         |
| 04/22/97 11:00 | 0.10                         |
| 04/25/97 10:00 | 0.10                         |
| 04/25/97 11:15 | 0.10                         |
| 04/25/97 11:30 | 0.10                         |
| 04/25/97 12:00 | 0.10                         |
| 04/25/97 12:30 | 0.10                         |
| 04/25/97 12:45 | 0.10                         |
| 04/25/97 13:00 | 0.20                         |
| 04/25/97 13:15 | 0.10                         |
| 04/25/97 13:30 | 0.10                         |
| 04/25/97 13:45 | 0.10                         |
| 04/25/97 14:00 | 0.10                         |
| 04/25/97 14:15 | 0.10                         |
| 04/25/97 15:00 | 0.10                         |
| 04/26/97 04:45 | 0.10                         |
| 04/26/97 08:00 | 0.10                         |
| 04/26/97 08:30 | 0.10                         |
| 04/26/97 08:45 | 0.10                         |
| 04/26/97 09:00 | 0.10                         |
| 05/01/97 00:15 | 0.00                         |
| 05/08/97 23:30 | 0.10                         |
| 05/09/97 03:00 | 0.10                         |
| 05/10/97 12:00 | 0.10                         |
| 05/13/97 02:15 | 0.00                         |
| 05/13/97 07:30 | 0.00                         |
| 05/14/97 08:00 | 0.00                         |
| 05/18/97 00:45 | 0.00                         |
| 05/19/97 12:00 | 0.30                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 05/19/97 12:15 | 0.10                         |
| 05/19/97 12:30 | 0.10                         |
| 05/19/97 18:30 | 0.50                         |
| 05/19/97 18:45 | 0.20                         |
| 05/19/97 19:00 | 0.10                         |
| 05/19/97 19:30 | 0.10                         |
| 05/20/97 02:45 | 0.10                         |
| 05/24/97 06:45 | 0.10                         |
| 05/29/97 21:30 | 0.00                         |
| 05/30/97 05:00 | 0.10                         |
| 05/30/97 07:00 | 0.10                         |
| 05/30/97 07:45 | 0.10                         |
| 05/31/97 17:45 | 0.00                         |
| 06/01/97 00:15 | 0.00                         |
| 06/07/97 21:45 | 0.00                         |
| 06/09/97 20:45 | 0.50                         |
| 06/09/97 21:00 | 0.90                         |
| 06/10/97 00:15 | 0.20                         |
| 06/10/97 00:30 | 0.10                         |
| 06/12/97 05:00 | 0.00                         |
| 06/13/97 02:00 | 0.10                         |
| 06/13/97 02:15 | 0.30                         |
| 06/13/97 22:00 | 0.10                         |
| 06/13/97 22:15 | 0.10                         |
| 06/13/97 22:30 | 0.20                         |
| 06/13/97 23:00 | 0.10                         |
| 06/14/97 19:30 | 0.00                         |
| 06/15/97 02:15 | 0.20                         |
| 06/15/97 02:30 | 0.10                         |
| 06/15/97 10:30 | 0.10                         |
| 06/16/97 19:30 | 0.50                         |
| 06/16/97 22:30 | 0.10                         |
| 06/17/97 00:15 | 0.10                         |
| 06/18/97 07:30 | 0.00                         |
| 06/21/97 18:30 | 0.00                         |
| 06/22/97 15:00 | 0.10                         |
| 06/23/97 14:15 | 0.20                         |
| 06/25/97 17:15 | 0.00                         |
| 06/25/97 17:45 | 0.10                         |
| 06/26/97 12:15 | 0.10                         |
| 06/26/97 12:30 | 0.10                         |
| 06/30/97 11:45 | 0.00                         |
| 07/01/97 00:15 | 0.00                         |
| 07/03/97 23:45 | 0.00                         |
| 07/05/97 07:15 | 0.10                         |
| 07/05/97 10:00 | 0.30                         |
| 07/05/97 10:15 | 0.10                         |
| 07/05/97 10:45 | 0.10                         |
| 07/06/97 10:30 | 0.10                         |
| 07/08/97 09:30 | 0.00                         |
| 07/09/97 11:00 | 0.00                         |
| 07/09/97 17:45 | 0.10                         |
| 07/09/97 18:15 | 0.10                         |
| 07/09/97 19:30 | 0.10                         |
| 07/15/97 14:15 | 0.10                         |
| 08/01/97 00:15 | 0.00                         |
| 08/04/97 08:15 | 0.00                         |
| 08/04/97 08:45 | 0.00                         |
| 08/06/97 21:45 | 0.10                         |
| 08/07/97 02:00 | 0.40                         |
| 08/07/97 02:15 | 0.40                         |
| 08/07/97 02:30 | 0.40                         |
| 08/07/97 02:45 | 0.20                         |
| 08/07/97 03:00 | 0.10                         |
| 08/07/97 03:15 | 0.50                         |
| 08/07/97 03:30 | 0.60                         |
| 08/07/97 03:45 | 0.10                         |
| 08/07/97 04:00 | 0.10                         |
| 08/07/97 04:45 | 0.10                         |
| 08/07/97 06:15 | 0.10                         |
| 08/07/97 12:00 | 0.10                         |
| 08/07/97 13:00 | 0.10                         |
| 08/07/97 15:00 | 0.10                         |
| 08/10/97 08:00 | 0.10                         |
| 08/13/97 13:45 | 0.10                         |
| 09/01/97 00:15 | 0.00                         |
| 09/03/97 11:00 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 09/04/97 12:45 | 0.00                         |
| 09/05/97 12:00 | 0.00                         |
| 09/06/97 12:00 | 0.00                         |
| 09/07/97 10:30 | 0.00                         |
| 09/08/97 10:15 | 0.00                         |
| 09/09/97 11:15 | 0.00                         |
| 09/10/97 12:30 | 0.00                         |
| 09/11/97 13:45 | 0.00                         |
| 09/12/97 13:15 | 0.00                         |
| 09/13/97 11:45 | 0.00                         |
| 09/13/97 19:45 | 0.00                         |
| 09/14/97 11:00 | 0.00                         |
| 09/15/97 08:30 | 0.00                         |
| 09/15/97 12:30 | 0.00                         |
| 09/23/97 02:45 | 0.10                         |
| 09/23/97 04:00 | 0.10                         |
| 10/01/97 00:15 | 0.00                         |
| 10/07/97 16:00 | 0.10                         |
| 10/08/97 08:00 | 0.00                         |
| 10/08/97 08:30 | 0.00                         |
| 10/08/97 12:15 | 0.10                         |
| 10/08/97 13:45 | 0.10                         |
| 10/09/97 09:45 | 0.20                         |
| 10/09/97 10:00 | 0.20                         |
| 10/09/97 10:15 | 0.10                         |
| 10/11/97 17:00 | 0.10                         |
| 10/12/97 08:30 | 0.10                         |
| 10/12/97 14:45 | 0.20                         |
| 10/12/97 15:00 | 0.10                         |
| 10/12/97 15:30 | 0.10                         |
| 10/12/97 17:15 | 0.10                         |
| 10/12/97 19:00 | 0.10                         |
| 10/12/97 19:45 | 0.10                         |
| 10/12/97 20:15 | 0.20                         |
| 10/12/97 20:30 | 0.10                         |
| 10/12/97 20:45 | 0.10                         |
| 10/12/97 21:00 | 0.10                         |
| 10/12/97 21:15 | 0.10                         |
| 10/12/97 21:30 | 0.10                         |
| 10/12/97 21:45 | 0.10                         |
| 10/14/97 10:15 | 0.00                         |
| 10/14/97 10:30 | 0.00                         |
| 10/21/97 11:45 | 0.10                         |
| 10/23/97 08:30 | 0.10                         |
| 10/23/97 09:00 | 0.20                         |
| 10/23/97 09:45 | 0.10                         |
| 10/23/97 10:00 | 0.70                         |
| 10/23/97 10:15 | 0.30                         |
| 10/23/97 10:30 | 0.10                         |
| 10/23/97 10:45 | 0.10                         |
| 10/23/97 11:15 | 0.10                         |
| 10/23/97 11:45 | 0.10                         |
| 10/23/97 12:00 | 0.10                         |
| 10/23/97 12:45 | 0.10                         |
| 10/23/97 17:45 | 0.10                         |
| 10/25/97 12:30 | 0.10                         |
| 11/01/97 00:15 | 0.00                         |
| 11/06/97 08:15 | 0.00                         |
| 11/06/97 09:00 | 0.00                         |
| 11/06/97 10:00 | 0.10                         |
| 11/09/97 14:45 | 0.20                         |
| 11/09/97 15:30 | 0.10                         |
| 11/09/97 17:15 | 0.10                         |
| 11/11/97 22:30 | 0.10                         |
| 11/11/97 23:00 | 0.10                         |
| 11/12/97 01:00 | 0.10                         |
| 11/12/97 02:15 | 0.10                         |
| 11/12/97 03:30 | 0.10                         |
| 11/12/97 05:15 | 0.10                         |
| 11/12/97 07:00 | 0.10                         |
| 11/12/97 09:30 | 0.10                         |
| 11/12/97 12:15 | 0.10                         |
| 11/13/97 02:15 | 0.10                         |
| 11/13/97 04:00 | 0.10                         |
| 11/13/97 08:45 | 0.10                         |
| 11/28/97 08:45 | 0.30                         |
| 11/28/97 09:00 | 0.30                         |



| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 11/28/97 09:15 | 0.10                         |
| 11/28/97 09:30 | 0.20                         |
| 11/28/97 09:45 | 0.10                         |
| 11/28/97 10:15 | 0.10                         |
| 11/28/97 10:30 | 0.10                         |
| 11/30/97 23:30 | 0.00                         |
| 12/01/97 00:15 | 0.00                         |
| 12/01/97 00:30 | 0.00                         |
| 12/02/97 16:30 | 0.10                         |
| 12/02/97 17:00 | 0.10                         |
| 12/02/97 17:15 | 0.10                         |
| 12/02/97 18:15 | 0.10                         |
| 12/02/97 19:00 | 0.10                         |
| 12/02/97 20:00 | 0.10                         |
| 12/03/97 11:15 | 0.10                         |
| 12/05/97 07:45 | 0.00                         |
| 12/06/97 12:45 | 0.00                         |
| 12/07/97 00:45 | 0.00                         |
| 12/07/97 12:30 | 0.10                         |
| 12/07/97 14:00 | 0.10                         |
| 12/07/97 14:30 | 0.10                         |
| 12/07/97 15:00 | 0.10                         |
| 12/07/97 15:45 | 0.10                         |
| 12/07/97 16:30 | 0.20                         |
| 12/07/97 16:45 | 0.10                         |
| 12/07/97 17:00 | 0.20                         |
| 12/07/97 17:15 | 0.10                         |
| 12/07/97 17:30 | 0.10                         |
| 12/07/97 18:00 | 0.10                         |
| 12/09/97 15:00 | 0.00                         |
| 12/14/97 12:45 | 0.00                         |
| 12/14/97 13:30 | 0.00                         |
| 12/15/97 08:00 | 0.00                         |
| 12/15/97 10:45 | 0.00                         |
| 12/18/97 04:45 | 0.00                         |
| 12/18/97 11:15 | 0.00                         |
| 12/20/97 03:30 | 0.10                         |
| 12/20/97 03:45 | 0.10                         |
| 12/20/97 04:15 | 0.10                         |
| 12/20/97 04:30 | 0.10                         |
| 12/20/97 05:00 | 0.10                         |
| 12/20/97 05:15 | 0.10                         |
| 12/20/97 05:30 | 0.10                         |
| 12/20/97 05:45 | 0.20                         |
| 12/20/97 06:15 | 0.10                         |
| 12/20/97 06:30 | 0.10                         |
| 12/20/97 06:45 | 0.10                         |
| 12/20/97 07:30 | 0.10                         |
| 12/20/97 07:45 | 0.10                         |
| 12/20/97 10:15 | 0.10                         |
| 12/20/97 13:30 | 0.10                         |
| 12/20/97 13:45 | 0.10                         |
| 12/20/97 14:30 | 0.10                         |
| 12/20/97 15:15 | 0.10                         |
| 12/20/97 16:15 | 0.10                         |
| 12/20/97 17:00 | 0.10                         |
| 12/20/97 17:30 | 0.10                         |
| 12/20/97 17:45 | 0.10                         |
| 12/20/97 18:15 | 0.10                         |
| 12/20/97 18:30 | 0.10                         |
| 12/20/97 18:45 | 0.10                         |
| 12/20/97 19:15 | 0.10                         |
| 12/20/97 19:30 | 0.10                         |
| 12/20/97 20:00 | 0.10                         |
| 12/20/97 20:15 | 0.10                         |
| 12/20/97 20:30 | 0.10                         |
| 12/20/97 20:45 | 0.10                         |
| 12/20/97 21:00 | 0.10                         |
| 12/20/97 21:15 | 0.10                         |
| 12/20/97 21:30 | 0.20                         |
| 12/20/97 22:00 | 0.10                         |
| 12/20/97 22:15 | 0.10                         |
| 12/20/97 23:45 | 0.10                         |
| 12/21/97 00:30 | 0.10                         |
| 12/21/97 03:30 | 0.10                         |
| 12/23/97 09:30 | 0.10                         |
| 12/23/97 10:00 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 12/23/97 10:15 | 0.10                         |
| 12/23/97 12:15 | 0.10                         |
| 12/23/97 15:00 | 0.10                         |
| 12/23/97 16:30 | 0.10                         |
| 12/23/97 17:30 | 0.10                         |
| 12/23/97 17:45 | 0.10                         |
| 12/23/97 18:45 | 0.10                         |
| 12/26/97 06:45 | 0.10                         |
| 12/26/97 10:00 | 0.10                         |
| 12/31/97 23:45 | 0.00                         |
| 01/01/98 00:15 | 0.00                         |
| 01/04/98 05:15 | 0.00                         |
| 01/04/98 11:45 | 0.20                         |
| 01/04/98 12:00 | 0.10                         |
| 01/04/98 15:45 | 0.10                         |
| 01/05/98 00:15 | 0.10                         |
| 01/05/98 22:45 | 0.30                         |
| 01/05/98 23:00 | 0.10                         |
| 01/05/98 23:45 | 0.10                         |
| 01/06/98 02:30 | 0.10                         |
| 01/06/98 14:45 | 0.10                         |
| 01/06/98 16:00 | 0.10                         |
| 01/06/98 17:15 | 0.10                         |
| 01/06/98 20:15 | 0.10                         |
| 01/06/98 22:00 | 0.10                         |
| 01/07/98 09:00 | 0.10                         |
| 01/07/98 12:45 | 0.10                         |
| 01/08/98 04:00 | 0.10                         |
| 01/08/98 10:15 | 0.10                         |
| 01/11/98 13:00 | 0.10                         |
| 01/11/98 13:30 | 0.10                         |
| 01/11/98 13:45 | 0.40                         |
| 01/11/98 14:00 | 0.10                         |
| 01/11/98 14:15 | 0.10                         |
| 01/11/98 14:30 | 0.10                         |
| 01/11/98 14:45 | 0.10                         |
| 01/11/98 15:30 | 0.40                         |
| 01/11/98 15:45 | 0.30                         |
| 01/14/98 08:30 | 0.10                         |
| 01/14/98 15:45 | 0.10                         |
| 01/16/98 15:00 | 0.00                         |
| 01/21/98 16:30 | 0.10                         |
| 01/25/98 23:30 | 0.10                         |
| 01/26/98 00:15 | 0.20                         |
| 01/26/98 01:00 | 0.10                         |
| 01/26/98 01:30 | 0.40                         |
| 01/26/98 07:30 | 0.10                         |
| 01/31/98 16:00 | 0.00                         |
| 02/01/98 00:15 | 0.00                         |
| 02/03/98 12:45 | 0.00                         |
| 02/03/98 13:30 | 0.00                         |
| 02/10/98 09:30 | 0.10                         |
| 02/10/98 11:00 | 0.10                         |
| 02/10/98 15:15 | 0.10                         |
| 02/15/98 16:45 | 0.10                         |
| 02/16/98 15:45 | 0.10                         |
| 02/16/98 20:30 | 0.10                         |
| 02/18/98 19:30 | 0.10                         |
| 02/18/98 20:15 | 0.10                         |
| 02/19/98 03:30 | 0.10                         |
| 02/21/98 19:45 | 0.10                         |
| 02/21/98 20:15 | 0.10                         |
| 02/21/98 21:00 | 0.10                         |
| 02/21/98 22:30 | 0.10                         |
| 02/25/98 21:30 | 0.10                         |
| 02/25/98 21:45 | 0.20                         |
| 02/25/98 22:00 | 0.50                         |
| 02/25/98 22:15 | 0.20                         |
| 02/25/98 22:30 | 0.10                         |
| 02/25/98 22:45 | 0.10                         |
| 02/25/98 23:15 | 0.10                         |
| 02/25/98 23:45 | 0.10                         |
| 02/26/98 00:30 | 0.10                         |
| 03/01/98 00:15 | 0.00                         |
| 03/07/98 05:15 | 0.10                         |
| 03/07/98 05:30 | 0.10                         |
| 03/07/98 12:15 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 03/07/98 15:30 | 0.10                         |
| 03/10/98 08:45 | 0.00                         |
| 03/10/98 09:15 | 0.00                         |
| 03/14/98 09:45 | 0.20                         |
| 03/14/98 10:00 | 0.10                         |
| 03/14/98 11:00 | 0.10                         |
| 03/14/98 11:30 | 0.10                         |
| 03/14/98 11:45 | 0.20                         |
| 03/14/98 22:30 | 0.10                         |
| 03/15/98 00:15 | 0.10                         |
| 03/15/98 02:15 | 0.10                         |
| 03/15/98 05:00 | 0.10                         |
| 03/15/98 18:15 | 0.10                         |
| 03/16/98 04:30 | 0.10                         |
| 03/16/98 05:00 | 0.10                         |
| 03/16/98 06:15 | 0.10                         |
| 03/16/98 07:45 | 0.10                         |
| 03/16/98 08:15 | 0.10                         |
| 03/16/98 14:00 | 0.10                         |
| 03/16/98 14:15 | 0.10                         |
| 03/16/98 15:00 | 0.10                         |
| 03/18/98 08:15 | 0.10                         |
| 03/19/98 01:30 | 0.10                         |
| 03/19/98 01:45 | 0.30                         |
| 03/19/98 16:15 | 0.10                         |
| 03/20/98 09:45 | 0.00                         |
| 03/21/98 01:45 | 0.00                         |
| 03/22/98 11:00 | 0.00                         |
| 03/27/98 10:00 | 0.10                         |
| 03/30/98 19:15 | 0.10                         |
| 03/30/98 19:30 | 0.10                         |
| 03/30/98 21:00 | 0.10                         |
| 03/30/98 23:30 | 0.10                         |
| 04/01/98 00:15 | 0.00                         |
| 04/08/98 01:30 | 0.20                         |
| 04/08/98 01:45 | 0.10                         |
| 04/08/98 02:00 | 0.10                         |
| 04/11/98 07:15 | 0.00                         |
| 04/11/98 07:30 | 0.00                         |
| 05/01/98 00:15 | 0.00                         |
| 05/03/98 06:30 | 0.00                         |
| 05/03/98 06:45 | 0.00                         |
| 05/03/98 07:00 | 0.00                         |
| 05/04/98 17:00 | 0.10                         |
| 05/05/98 13:45 | 0.00                         |
| 05/07/98 14:15 | 0.00                         |
| 05/08/98 11:15 | 0.00                         |
| 05/08/98 11:30 | 0.00                         |
| 05/08/98 13:00 | 0.10                         |
| 05/08/98 23:00 | 0.10                         |
| 05/08/98 23:15 | 0.50                         |
| 05/08/98 23:45 | 0.10                         |
| 05/27/98 02:30 | 0.40                         |
| 05/27/98 02:45 | 0.30                         |
| 05/27/98 03:30 | 0.10                         |
| 05/27/98 04:30 | 0.10                         |
| 05/27/98 13:45 | 0.10                         |
| 06/01/98 00:15 | 0.00                         |
| 06/04/98 08:15 | 0.00                         |
| 06/05/98 08:00 | 0.00                         |
| 06/06/98 09:30 | 0.00                         |
| 06/06/98 09:45 | 0.00                         |
| 06/10/98 09:30 | 0.10                         |
| 06/10/98 16:00 | 0.10                         |
| 06/10/98 16:15 | 0.40                         |
| 06/10/98 16:30 | 0.10                         |
| 06/12/98 07:30 | 0.00                         |
| 06/12/98 08:00 | 0.00                         |
| 07/01/98 00:15 | 0.00                         |
| 07/04/98 19:45 | 0.10                         |
| 07/04/98 20:30 | 0.10                         |
| 07/07/98 07:15 | 0.10                         |
| 07/16/98 07:45 | 0.00                         |
| 07/16/98 08:15 | 0.00                         |
| 08/01/98 00:15 | 0.00                         |
| 08/04/98 03:00 | 0.00                         |
| 08/04/98 03:30 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 08/04/98 04:30 | 0.10                         |
| 08/04/98 08:00 | 0.10                         |
| 08/09/98 19:00 | 0.00                         |
| 08/09/98 19:30 | 0.00                         |
| 08/11/98 17:15 | 0.10                         |
| 08/12/98 06:45 | 0.10                         |
| 08/12/98 16:30 | 0.10                         |
| 08/13/98 12:45 | 0.10                         |
| 08/13/98 13:15 | 0.10                         |
| 09/01/98 00:15 | 0.00                         |
| 09/11/98 09:00 | 0.00                         |
| 09/13/98 08:00 | 0.00                         |
| 09/13/98 15:30 | 0.00                         |
| 09/14/98 08:00 | 0.00                         |
| 09/14/98 08:30 | 0.00                         |
| 09/14/98 09:00 | 0.10                         |
| 09/14/98 09:45 | 0.10                         |
| 09/14/98 14:30 | 0.10                         |
| 09/15/98 13:45 | 0.10                         |
| 09/15/98 16:00 | 0.10                         |
| 09/15/98 16:15 | 0.10                         |
| 09/15/98 16:30 | 0.20                         |
| 09/15/98 17:00 | 0.10                         |
| 09/16/98 01:15 | 0.10                         |
| 09/16/98 01:45 | 0.10                         |
| 09/16/98 02:30 | 0.10                         |
| 09/16/98 02:45 | 0.10                         |
| 09/16/98 03:00 | 0.10                         |
| 09/16/98 03:15 | 0.20                         |
| 09/16/98 03:30 | 0.40                         |
| 09/16/98 03:45 | 0.10                         |
| 09/16/98 04:00 | 0.20                         |
| 09/16/98 04:45 | 0.10                         |
| 09/16/98 06:00 | 0.10                         |
| 09/16/98 06:15 | 0.10                         |
| 09/16/98 06:45 | 0.10                         |
| 09/16/98 07:00 | 0.10                         |
| 09/16/98 07:15 | 0.10                         |
| 09/16/98 07:45 | 0.10                         |
| 09/16/98 08:45 | 0.10                         |
| 09/16/98 09:00 | 0.10                         |
| 11/01/98 00:15 | 0.00                         |
| 11/01/98 00:30 | 0.00                         |
| 11/01/98 06:15 | 0.10                         |
| 11/01/98 06:45 | 0.10                         |
| 11/01/98 07:00 | 0.40                         |
| 11/01/98 07:15 | 0.40                         |
| 11/01/98 07:45 | 0.10                         |
| 11/01/98 08:15 | 0.10                         |
| 11/01/98 09:45 | 0.10                         |
| 11/01/98 10:30 | 0.10                         |
| 11/07/98 02:00 | 0.10                         |
| 11/07/98 12:15 | 0.10                         |
| 11/07/98 22:00 | 0.10                         |
| 11/09/98 22:45 | 0.30                         |
| 11/09/98 23:00 | 0.10                         |
| 11/12/98 14:30 | 0.10                         |
| 11/12/98 15:30 | 0.10                         |
| 11/12/98 15:45 | 0.10                         |
| 11/12/98 16:15 | 0.10                         |
| 11/12/98 19:15 | 0.10                         |
| 11/12/98 20:00 | 0.10                         |
| 11/12/98 20:30 | 0.10                         |
| 11/12/98 20:45 | 0.10                         |
| 11/12/98 21:15 | 0.10                         |
| 11/12/98 22:00 | 0.10                         |
| 11/12/98 22:30 | 0.10                         |
| 11/12/98 23:15 | 0.10                         |
| 11/12/98 23:45 | 0.10                         |
| 11/13/98 00:30 | 0.10                         |
| 11/13/98 00:45 | 0.10                         |
| 11/13/98 01:15 | 0.10                         |
| 11/13/98 01:30 | 0.10                         |
| 11/13/98 02:00 | 0.10                         |
| 11/13/98 02:30 | 0.10                         |
| 11/13/98 03:30 | 0.10                         |
| 11/13/98 05:00 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 11/27/98 18:00 | 0.00                         |
| 11/29/98 20:15 | 0.10                         |
| 11/29/98 21:30 | 0.20                         |
| 11/29/98 21:45 | 0.10                         |
| 11/29/98 22:00 | 0.20                         |
| 11/29/98 22:15 | 0.10                         |
| 11/29/98 22:30 | 0.20                         |
| 12/01/98 00:15 | 0.00                         |
| 12/03/98 19:30 | 0.10                         |
| 12/03/98 21:00 | 0.10                         |
| 12/03/98 21:15 | 0.80                         |
| 12/03/98 21:30 | 0.50                         |
| 12/03/98 21:45 | 0.50                         |
| 12/03/98 22:00 | 0.20                         |
| 12/03/98 22:15 | 0.20                         |
| 12/03/98 22:30 | 0.10                         |
| 12/03/98 23:45 | 0.10                         |
| 12/04/98 00:15 | 0.10                         |
| 12/04/98 00:45 | 0.10                         |
| 12/04/98 02:00 | 0.20                         |
| 12/04/98 02:30 | 0.10                         |
| 12/04/98 03:00 | 0.30                         |
| 12/04/98 03:15 | 0.10                         |
| 12/04/98 03:45 | 0.20                         |
| 12/04/98 04:15 | 0.10                         |
| 12/06/98 11:15 | 0.10                         |
| 12/07/98 09:00 | 0.00                         |
| 12/07/98 09:30 | 0.00                         |
| 12/07/98 11:45 | 0.10                         |
| 12/07/98 13:45 | 0.10                         |
| 12/10/98 06:00 | 0.10                         |
| 12/10/98 06:45 | 0.10                         |
| 12/10/98 07:15 | 0.10                         |
| 12/10/98 08:00 | 0.10                         |
| 12/10/98 08:30 | 0.10                         |
| 12/10/98 08:45 | 0.10                         |
| 12/10/98 09:30 | 0.10                         |
| 12/10/98 10:15 | 0.10                         |
| 12/10/98 11:15 | 0.10                         |
| 12/10/98 11:45 | 0.10                         |
| 12/10/98 12:30 | 0.10                         |
| 12/10/98 13:00 | 0.10                         |
| 12/10/98 13:45 | 0.10                         |
| 12/10/98 15:15 | 0.10                         |
| 12/10/98 23:15 | 0.10                         |
| 12/11/98 17:45 | 0.10                         |
| 12/11/98 19:30 | 0.10                         |
| 12/11/98 21:45 | 0.10                         |
| 12/11/98 23:00 | 0.10                         |
| 12/12/98 00:45 | 0.10                         |
| 12/12/98 01:15 | 0.10                         |
| 12/12/98 01:45 | 0.10                         |
| 12/17/98 15:30 | 0.00                         |
| 12/18/98 14:45 | 0.10                         |
| 12/18/98 15:15 | 0.10                         |
| 12/18/98 15:30 | 0.10                         |
| 12/18/98 16:00 | 0.10                         |
| 12/18/98 16:15 | 0.20                         |
| 12/18/98 16:30 | 0.20                         |
| 12/18/98 17:00 | 0.20                         |
| 12/18/98 19:15 | 0.10                         |
| 12/30/98 13:15 | 0.00                         |
| 12/31/98 20:15 | 0.00                         |
| 03/01/99 00:15 | 0.00                         |
| 03/01/99 00:30 | 0.00                         |
| 03/06/99 06:00 | 0.00                         |
| 03/06/99 09:30 | 0.10                         |
| 03/07/99 22:00 | 0.10                         |
| 03/08/99 09:45 | 0.20                         |
| 03/08/99 10:00 | 0.80                         |
| 03/08/99 10:15 | 0.30                         |
| 03/08/99 10:30 | 0.10                         |
| 03/08/99 10:45 | 0.10                         |
| 03/11/99 09:15 | 0.10                         |
| 03/12/99 08:00 | 0.10                         |
| 03/12/99 08:15 | 0.40                         |
| 03/12/99 13:30 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 03/12/99 14:00 | 0.10                         |
| 03/12/99 16:30 | 0.10                         |
| 03/18/99 19:45 | 0.10                         |
| 03/19/99 01:00 | 0.10                         |
| 03/24/99 20:00 | 0.10                         |
| 03/24/99 21:15 | 0.10                         |
| 03/29/99 08:45 | 0.10                         |
| 03/31/99 02:15 | 0.10                         |
| 04/01/99 00:15 | 0.00                         |
| 04/03/99 10:15 | 0.10                         |
| 04/03/99 10:45 | 0.10                         |
| 04/03/99 11:00 | 0.20                         |
| 04/03/99 13:00 | 0.10                         |
| 04/05/99 07:00 | 0.00                         |
| 04/05/99 07:45 | 0.00                         |
| 04/14/99 04:45 | 0.10                         |
| 04/14/99 05:15 | 0.10                         |
| 04/14/99 07:00 | 0.10                         |
| 04/25/99 06:45 | 0.10                         |
| 04/26/99 08:15 | 0.40                         |
| 04/26/99 08:30 | 0.10                         |
| 04/26/99 09:15 | 0.10                         |
| 05/01/99 00:15 | 0.00                         |
| 05/02/99 08:15 | 0.10                         |
| 05/02/99 08:30 | 0.10                         |
| 05/02/99 08:45 | 0.10                         |
| 05/02/99 11:30 | 0.10                         |
| 05/02/99 11:45 | 0.10                         |
| 05/02/99 18:30 | 0.10                         |
| 05/02/99 19:45 | 0.10                         |
| 05/03/99 07:15 | 0.00                         |
| 05/03/99 07:45 | 0.00                         |
| 05/03/99 23:45 | 0.10                         |
| 05/04/99 00:15 | 0.10                         |
| 05/04/99 01:15 | 0.10                         |
| 05/04/99 13:45 | 0.20                         |
| 05/10/99 04:15 | 0.10                         |
| 05/10/99 04:30 | 0.40                         |
| 05/10/99 04:45 | 0.70                         |
| 05/10/99 05:00 | 0.10                         |
| 05/10/99 05:15 | 0.10                         |
| 05/10/99 05:45 | 0.10                         |
| 05/10/99 06:15 | 0.10                         |
| 05/11/99 21:30 | 0.10                         |
| 05/17/99 12:30 | 0.40                         |
| 05/17/99 12:45 | 0.40                         |
| 05/17/99 13:00 | 0.40                         |
| 05/17/99 13:15 | 0.10                         |
| 05/17/99 13:45 | 0.10                         |
| 05/17/99 14:00 | 0.20                         |
| 05/17/99 14:15 | 0.10                         |
| 05/17/99 14:30 | 0.60                         |
| 05/17/99 14:45 | 0.30                         |
| 05/17/99 15:00 | 0.40                         |
| 05/17/99 15:15 | 0.10                         |
| 05/17/99 15:45 | 0.10                         |
| 05/17/99 16:00 | 0.20                         |
| 05/17/99 17:15 | 0.30                         |
| 05/17/99 18:15 | 0.10                         |
| 05/23/99 08:00 | 0.20                         |
| 05/23/99 08:30 | 0.10                         |
| 05/25/99 10:00 | 0.10                         |
| 05/25/99 19:45 | 0.10                         |
| 05/25/99 23:15 | 0.10                         |
| 05/25/99 23:30 | 0.20                         |
| 05/25/99 23:45 | 0.10                         |
| 05/26/99 00:15 | 0.10                         |
| 05/26/99 06:30 | 0.10                         |
| 05/26/99 06:45 | 0.10                         |
| 05/26/99 07:00 | 0.10                         |
| 05/26/99 07:30 | 0.10                         |
| 05/26/99 07:45 | 0.10                         |
| 05/26/99 08:15 | 0.10                         |
| 05/26/99 09:00 | 0.10                         |
| 05/29/99 19:30 | 0.10                         |
| 05/29/99 19:45 | 0.10                         |
| 05/30/99 03:00 | 0.40                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 05/30/99 03:15 | 0.10                         |
| 05/30/99 04:00 | 0.10                         |
| 05/30/99 04:30 | 0.10                         |
| 05/30/99 05:45 | 0.10                         |
| 05/30/99 06:00 | 0.10                         |
| 05/30/99 06:45 | 0.10                         |
| 05/30/99 07:00 | 0.10                         |
| 05/30/99 07:15 | 0.10                         |
| 05/30/99 08:00 | 0.10                         |
| 05/31/99 11:15 | 0.10                         |
| 06/01/99 00:15 | 0.00                         |
| 06/07/99 07:00 | 0.00                         |
| 06/07/99 07:30 | 0.00                         |
| 06/10/99 19:15 | 0.10                         |
| 06/10/99 21:15 | 0.10                         |
| 06/10/99 22:30 | 0.10                         |
| 06/10/99 23:00 | 0.10                         |
| 06/12/99 10:00 | 0.00                         |
| 06/12/99 10:15 | 0.00                         |
| 06/12/99 11:15 | 0.10                         |
| 06/12/99 15:00 | 0.10                         |
| 06/14/99 18:30 | 0.00                         |
| 06/21/99 07:30 | 0.10                         |
| 06/22/99 15:45 | 0.10                         |
| 06/22/99 17:45 | 0.00                         |
| 06/22/99 18:00 | 0.00                         |
| 06/23/99 12:00 | 0.00                         |
| 06/23/99 12:15 | 0.00                         |
| 06/24/99 19:45 | 0.10                         |
| 07/01/99 00:15 | 0.00                         |
| 07/02/99 06:45 | 0.00                         |
| 07/02/99 07:30 | 0.00                         |
| 07/07/99 15:15 | 0.10                         |
| 07/07/99 15:45 | 0.10                         |
| 07/08/99 07:00 | 0.10                         |
| 07/10/99 04:30 | 0.00                         |
| 07/10/99 10:30 | 0.10                         |
| 07/10/99 10:45 | 0.10                         |
| 07/10/99 11:30 | 0.10                         |
| 07/10/99 12:00 | 0.10                         |
| 08/01/99 00:15 | 0.00                         |
| 08/06/99 07:30 | 0.00                         |
| 08/06/99 08:00 | 0.00                         |
| 08/13/99 06:30 | 0.10                         |
| 09/01/99 00:15 | 0.00                         |
| 09/05/99 21:00 | 0.10                         |
| 09/08/99 12:00 | 0.10                         |
| 09/08/99 12:30 | 0.00                         |
| 09/09/99 05:00 | 0.00                         |
| 09/13/99 00:30 | 0.40                         |
| 09/13/99 00:45 | 0.60                         |
| 09/13/99 01:00 | 0.30                         |
| 09/13/99 01:45 | 0.20                         |
| 09/13/99 03:30 | 0.10                         |
| 09/13/99 04:45 | 0.10                         |
| 09/13/99 06:00 | 0.10                         |
| 09/13/99 11:00 | 0.10                         |
| 09/14/99 08:45 | 0.00                         |
| 09/15/99 13:00 | 0.00                         |
| 09/16/99 08:30 | 0.00                         |
| 09/17/99 11:15 | 0.00                         |
| 09/17/99 23:15 | 0.00                         |
| 09/24/99 08:30 | 0.00                         |
| 10/01/99 00:15 | 0.00                         |
| 10/09/99 01:45 | 0.10                         |
| 10/09/99 02:15 | 0.20                         |
| 10/09/99 05:30 | 0.70                         |
| 10/09/99 05:45 | 0.20                         |
| 10/09/99 07:30 | 0.10                         |
| 10/09/99 08:15 | 0.10                         |
| 10/13/99 13:30 | 0.00                         |
| 10/17/99 10:30 | 0.10                         |
| 10/17/99 11:30 | 0.10                         |
| 10/18/99 20:00 | 0.10                         |
| 10/18/99 20:15 | 0.10                         |
| 10/18/99 21:15 | 0.10                         |
| 10/18/99 22:00 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 10/18/99 23:15 | 0.10                         |
| 10/30/99 04:45 | 0.10                         |
| 10/30/99 05:00 | 0.10                         |
| 10/30/99 05:15 | 0.10                         |
| 10/30/99 05:30 | 0.10                         |
| 10/30/99 05:45 | 0.10                         |
| 10/30/99 06:15 | 0.10                         |
| 10/30/99 06:30 | 0.10                         |
| 10/30/99 07:00 | 0.10                         |
| 10/30/99 08:00 | 0.10                         |
| 10/30/99 10:45 | 0.10                         |
| 10/30/99 12:45 | 0.10                         |
| 10/30/99 13:45 | 0.10                         |
| 10/30/99 14:30 | 0.10                         |
| 10/30/99 15:30 | 0.10                         |
| 11/01/99 00:15 | 0.00                         |
| 11/19/99 11:30 | 0.00                         |
| 11/19/99 12:00 | 0.00                         |
| 11/22/99 18:30 | 0.10                         |
| 11/22/99 21:30 | 0.10                         |
| 11/22/99 22:00 | 0.10                         |
| 11/22/99 22:15 | 0.30                         |
| 11/22/99 23:30 | 0.10                         |
| 11/23/99 01:00 | 0.10                         |
| 11/23/99 01:15 | 0.10                         |
| 11/23/99 10:15 | 0.10                         |
| 12/01/99 00:15 | 0.00                         |
| 12/04/99 06:30 | 0.10                         |
| 12/04/99 07:00 | 0.10                         |
| 12/04/99 08:00 | 0.10                         |
| 12/04/99 08:30 | 0.10                         |
| 12/04/99 09:15 | 0.40                         |
| 12/09/99 05:15 | 0.10                         |
| 12/09/99 05:45 | 0.10                         |
| 12/09/99 06:00 | 0.40                         |
| 12/10/99 16:45 | 0.00                         |
| 12/10/99 17:00 | 0.00                         |
| 02/01/00 00:15 | 0.00                         |
| 02/03/00 14:30 | 0.00                         |
| 02/03/00 14:45 | 0.00                         |
| 02/03/00 15:00 | 0.00                         |
| 02/11/00 19:15 | 0.00                         |
| 02/16/00 14:30 | 0.00                         |
| 02/16/00 14:45 | 0.00                         |
| 02/16/00 15:30 | 0.00                         |
| 02/16/00 15:45 | 0.00                         |
| 02/16/00 20:00 | 0.00                         |
| 02/16/00 20:45 | 0.10                         |
| 02/22/00 21:45 | 0.10                         |
| 02/22/00 22:00 | 0.40                         |
| 02/22/00 22:15 | 0.10                         |
| 02/22/00 23:00 | 0.10                         |
| 02/22/00 23:15 | 0.10                         |
| 02/22/00 23:45 | 0.10                         |
| 02/23/00 22:15 | 0.00                         |
| 02/24/00 13:45 | 0.00                         |
| 02/25/00 01:45 | 0.00                         |
| 02/25/00 08:00 | 0.00                         |
| 02/26/00 08:00 | 0.00                         |
| 03/01/00 00:15 | 0.00                         |
| 03/01/00 08:00 | 0.00                         |
| 03/03/00 08:00 | 0.00                         |
| 03/10/00 08:00 | 0.00                         |
| 03/11/00 08:00 | 0.00                         |
| 03/12/00 03:30 | 0.00                         |
| 03/12/00 03:45 | 0.00                         |
| 03/12/00 08:00 | 0.00                         |
| 03/12/00 08:30 | 0.00                         |
| 03/16/00 22:00 | 0.10                         |
| 03/21/00 20:15 | 0.10                         |
| 03/22/00 06:00 | 0.20                         |
| 03/22/00 06:15 | 0.10                         |
| 03/25/00 05:45 | 0.10                         |
| 03/28/00 20:15 | 0.30                         |
| 03/28/00 20:30 | 0.50                         |
| 03/28/00 21:00 | 0.10                         |
| 03/28/00 22:00 | 0.00                         |



| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 04/01/00 00:15 | 0.00                         |
| 04/01/00 15:00 | 0.10                         |
| 04/01/00 15:15 | 0.50                         |
| 04/01/00 19:00 | 0.10                         |
| 04/02/00 11:45 | 0.10                         |
| 04/11/00 04:15 | 0.10                         |
| 04/11/00 05:00 | 0.10                         |
| 04/11/00 17:30 | 0.80                         |
| 04/11/00 17:45 | 0.20                         |
| 04/11/00 18:00 | 0.10                         |
| 04/11/00 18:30 | 0.10                         |
| 04/11/00 20:00 | 0.10                         |
| 04/11/00 21:45 | 0.10                         |
| 04/12/00 02:00 | 0.10                         |
| 04/12/00 04:00 | 0.10                         |
| 04/16/00 00:30 | 0.10                         |
| 04/16/00 01:00 | 0.10                         |
| 04/29/00 08:30 | 0.10                         |
| 05/01/00 00:15 | 0.00                         |
| 05/01/00 01:00 | 0.10                         |
| 05/01/00 01:45 | 0.10                         |
| 05/01/00 02:15 | 0.10                         |
| 05/01/00 02:30 | 0.10                         |
| 05/01/00 07:30 | 0.10                         |
| 05/01/00 08:00 | 0.00                         |
| 05/02/00 20:45 | 0.10                         |
| 05/02/00 21:45 | 0.10                         |
| 05/03/00 08:30 | 0.10                         |
| 05/03/00 09:00 | 0.10                         |
| 05/04/00 02:30 | 0.20                         |
| 05/04/00 03:15 | 0.10                         |
| 05/04/00 03:30 | 0.40                         |
| 05/04/00 04:15 | 0.10                         |
| 05/04/00 04:45 | 0.10                         |
| 05/04/00 08:30 | 0.10                         |
| 05/12/00 16:15 | 0.20                         |
| 05/12/00 16:45 | 0.10                         |
| 05/18/00 21:00 | 0.10                         |
| 05/18/00 21:30 | 0.10                         |
| 05/18/00 21:45 | 0.10                         |
| 05/18/00 22:00 | 0.10                         |
| 05/18/00 22:15 | 0.20                         |
| 05/18/00 22:30 | 0.30                         |
| 05/18/00 22:45 | 0.10                         |
| 05/19/00 01:30 | 0.10                         |
| 05/19/00 16:15 | 0.10                         |
| 05/19/00 18:15 | 0.10                         |
| 05/19/00 19:30 | 0.10                         |
| 05/27/00 16:15 | 0.20                         |
| 05/27/00 16:30 | 0.40                         |
| 05/27/00 16:45 | 0.10                         |
| 06/01/00 00:15 | 0.00                         |
| 06/02/00 06:30 | 0.00                         |
| 06/02/00 06:45 | 0.00                         |
| 08/01/00 00:15 | 0.00                         |
| 09/01/00 00:15 | 0.00                         |
| 11/01/00 00:15 | 0.00                         |
| 11/01/00 08:00 | 0.00                         |
| 11/01/00 08:15 | 0.00                         |
| 11/01/00 08:30 | 0.00                         |
| 11/01/00 15:30 | 0.20                         |
| 11/01/00 15:45 | 0.30                         |
| 11/02/00 14:15 | 0.00                         |
| 11/02/00 20:45 | 0.10                         |
| 11/03/00 06:30 | 0.10                         |
| 11/03/00 08:15 | 0.10                         |
| 11/03/00 09:30 | 0.10                         |
| 11/03/00 10:30 | 0.10                         |
| 11/03/00 11:30 | 0.10                         |
| 11/03/00 13:45 | 0.10                         |
| 11/03/00 17:45 | 0.10                         |
| 11/03/00 19:45 | 0.10                         |
| 11/03/00 21:15 | 0.10                         |
| 11/05/00 14:15 | 0.10                         |
| 11/05/00 16:00 | 0.10                         |
| 11/05/00 16:15 | 0.50                         |
| 11/05/00 16:30 | 0.30                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 11/05/00 16:45 | 0.20                         |
| 11/05/00 17:30 | 0.10                         |
| 11/05/00 17:45 | 0.10                         |
| 11/05/00 18:00 | 0.20                         |
| 11/05/00 18:15 | 0.20                         |
| 11/05/00 18:45 | 0.10                         |
| 11/05/00 19:00 | 0.10                         |
| 11/05/00 19:15 | 0.10                         |
| 11/05/00 19:30 | 0.10                         |
| 11/05/00 19:45 | 0.10                         |
| 11/05/00 20:00 | 0.20                         |
| 11/05/00 20:30 | 0.10                         |
| 11/05/00 21:15 | 0.10                         |
| 11/05/00 22:45 | 0.10                         |
| 11/06/00 13:45 | 0.00                         |
| 11/08/00 05:30 | 0.10                         |
| 11/08/00 05:45 | 0.20                         |
| 11/08/00 06:00 | 0.10                         |
| 11/08/00 07:15 | 0.10                         |
| 11/08/00 08:00 | 0.10                         |
| 11/08/00 08:15 | 0.10                         |
| 11/09/00 00:15 | 0.10                         |
| 11/12/00 08:15 | 0.30                         |
| 11/12/00 08:30 | 0.10                         |
| 11/12/00 08:45 | 0.10                         |
| 11/12/00 10:30 | 0.10                         |
| 11/12/00 13:15 | 0.10                         |
| 11/12/00 14:30 | 0.10                         |
| 11/12/00 15:15 | 0.10                         |
| 11/12/00 18:15 | 0.10                         |
| 11/16/00 02:45 | 0.10                         |
| 11/16/00 04:00 | 0.10                         |
| 11/16/00 09:30 | 0.10                         |
| 11/22/00 20:45 | 0.10                         |
| 11/23/00 11:45 | 0.10                         |
| 11/23/00 12:30 | 0.10                         |
| 11/23/00 13:00 | 0.10                         |
| 11/23/00 14:00 | 0.10                         |
| 11/23/00 14:45 | 0.10                         |
| 11/23/00 15:15 | 0.10                         |
| 11/23/00 16:00 | 0.10                         |
| 11/23/00 18:00 | 0.10                         |
| 11/23/00 22:30 | 0.10                         |
| 11/24/00 04:45 | 0.10                         |
| 11/24/00 06:00 | 0.10                         |
| 11/24/00 06:15 | 0.20                         |
| 11/24/00 06:30 | 0.20                         |
| 11/24/00 07:00 | 0.10                         |
| 11/24/00 08:00 | 0.10                         |
| 11/24/00 08:30 | 0.10                         |
| 12/01/00 00:15 | 0.00                         |
| 12/01/00 07:30 | 0.00                         |
| 12/01/00 08:45 | 0.00                         |
| 12/12/00 23:15 | 0.10                         |
| 12/13/00 00:45 | 0.10                         |
| 12/13/00 06:30 | 0.10                         |
| 12/13/00 11:45 | 0.10                         |
| 12/13/00 13:30 | 0.10                         |
| 12/13/00 14:30 | 0.20                         |
| 12/15/00 07:15 | 0.10                         |
| 12/25/00 08:45 | 0.10                         |
| 12/25/00 10:45 | 0.10                         |
| 12/25/00 12:15 | 0.10                         |
| 12/25/00 13:00 | 0.10                         |
| 12/25/00 14:15 | 0.10                         |
| 12/25/00 16:30 | 0.10                         |
| 12/25/00 17:15 | 0.10                         |
| 12/25/00 17:45 | 0.10                         |
| 12/25/00 18:15 | 0.10                         |
| 12/25/00 19:30 | 0.10                         |
| 12/25/00 21:45 | 0.10                         |
| 12/25/00 22:00 | 0.10                         |
| 12/25/00 22:30 | 0.10                         |
| 12/25/00 23:00 | 0.10                         |
| 12/25/00 23:15 | 0.10                         |
| 12/25/00 23:30 | 0.10                         |
| 12/25/00 23:45 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 12/26/00 00:15 | 0.10                         |
| 12/26/00 00:30 | 0.10                         |
| 12/26/00 00:45 | 0.10                         |
| 12/26/00 01:00 | 0.10                         |
| 12/26/00 02:15 | 0.10                         |
| 12/26/00 04:45 | 0.10                         |
| 12/26/00 05:30 | 0.10                         |
| 12/26/00 05:45 | 0.10                         |
| 12/26/00 06:00 | 0.10                         |
| 12/26/00 06:30 | 0.10                         |
| 12/26/00 11:15 | 0.10                         |
| 12/26/00 13:00 | 0.10                         |
| 12/26/00 14:00 | 0.10                         |
| 12/26/00 15:00 | 0.10                         |
| 12/27/00 20:15 | 0.10                         |
| 12/27/00 20:45 | 0.10                         |
| 12/31/00 14:45 | 0.10                         |
| 01/01/01 00:15 | 0.00                         |
| 01/02/01 08:30 | 0.00                         |
| 01/02/01 09:15 | 0.00                         |
| 01/10/01 14:45 | 0.10                         |
| 01/10/01 16:00 | 0.10                         |
| 01/10/01 17:15 | 0.10                         |
| 01/10/01 23:30 | 0.10                         |
| 01/13/01 11:45 | 0.10                         |
| 01/16/01 11:30 | 0.10                         |
| 01/16/01 14:30 | 0.10                         |
| 01/16/01 16:45 | 0.10                         |
| 01/16/01 17:45 | 0.10                         |
| 01/17/01 06:30 | 0.10                         |
| 01/17/01 06:45 | 0.10                         |
| 01/17/01 07:15 | 0.10                         |
| 01/18/01 07:30 | 0.10                         |
| 01/18/01 08:30 | 0.10                         |
| 01/18/01 12:30 | 0.10                         |
| 01/27/01 10:45 | 0.10                         |
| 01/27/01 17:30 | 0.10                         |
| 01/28/01 21:45 | 0.10                         |
| 01/29/01 00:15 | 0.10                         |
| 01/29/01 00:45 | 0.10                         |
| 01/29/01 01:15 | 0.10                         |
| 01/29/01 03:00 | 0.10                         |
| 01/29/01 04:00 | 0.10                         |
| 01/29/01 04:45 | 0.10                         |
| 02/01/01 00:15 | 0.00                         |
| 02/01/01 08:45 | 0.00                         |
| 02/01/01 09:30 | 0.00                         |
| 03/01/01 00:15 | 0.00                         |
| 03/01/01 01:15 | 0.00                         |
| 03/05/01 08:00 | 0.00                         |
| 03/05/01 08:30 | 0.00                         |
| 03/08/01 15:30 | 0.10                         |
| 03/08/01 17:00 | 0.10                         |
| 03/08/01 17:30 | 0.10                         |
| 03/08/01 18:15 | 0.10                         |
| 03/08/01 19:15 | 0.10                         |
| 03/09/01 00:30 | 0.10                         |
| 03/09/01 10:30 | 0.10                         |
| 03/11/01 11:45 | 0.10                         |
| 03/11/01 14:45 | 0.20                         |
| 03/11/01 15:00 | 0.10                         |
| 03/11/01 15:45 | 0.10                         |
| 03/11/01 16:30 | 0.10                         |
| 03/11/01 16:45 | 0.10                         |
| 03/12/01 02:30 | 0.10                         |
| 03/14/01 12:30 | 0.10                         |
| 03/14/01 13:15 | 0.10                         |
| 03/24/01 06:15 | 0.10                         |
| 03/24/01 06:30 | 0.30                         |
| 03/24/01 06:45 | 0.20                         |
| 03/24/01 07:00 | 0.20                         |
| 03/24/01 07:15 | 0.10                         |
| 03/24/01 07:45 | 0.10                         |
| 03/24/01 08:00 | 0.10                         |
| 03/24/01 08:15 | 0.10                         |
| 03/24/01 08:30 | 0.10                         |
| 03/24/01 09:30 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 03/24/01 10:30 | 0.10                         |
| 03/24/01 11:15 | 0.10                         |
| 03/24/01 12:00 | 0.10                         |
| 03/24/01 14:15 | 0.10                         |
| 03/27/01 13:00 | 0.10                         |
| 03/27/01 15:30 | 0.10                         |
| 03/27/01 16:15 | 0.10                         |
| 03/27/01 18:00 | 0.10                         |
| 03/27/01 19:30 | 0.10                         |
| 03/28/01 09:15 | 0.10                         |
| 04/01/01 00:15 | 0.00                         |
| 04/01/01 01:15 | 0.00                         |
| 04/01/01 08:00 | 0.00                         |
| 04/01/01 08:15 | 0.00                         |
| 04/01/01 09:45 | 0.00                         |
| 05/01/01 00:15 | 0.00                         |
| 05/04/01 19:15 | 0.10                         |
| 05/04/01 19:30 | 0.20                         |
| 05/04/01 19:45 | 0.10                         |
| 05/04/01 23:00 | 0.10                         |
| 05/04/01 23:15 | 0.20                         |
| 05/04/01 23:30 | 0.10                         |
| 05/05/01 00:15 | 0.10                         |
| 05/05/01 03:00 | 0.10                         |
| 05/06/01 02:00 | 0.10                         |
| 05/06/01 02:15 | 0.10                         |
| 05/06/01 02:30 | 0.70                         |
| 05/06/01 02:45 | 0.30                         |
| 05/06/01 13:45 | 0.10                         |
| 05/06/01 20:30 | 0.20                         |
| 05/06/01 20:45 | 0.00                         |
| 05/07/01 06:00 | 0.10                         |
| 05/07/01 06:30 | 0.10                         |
| 05/07/01 07:45 | 0.10                         |
| 05/15/01 11:15 | 0.00                         |
| 05/28/01 01:15 | 0.60                         |
| 05/28/01 01:30 | 0.20                         |
| 05/28/01 02:15 | 0.10                         |
| 05/28/01 02:45 | 0.10                         |
| 05/28/01 03:15 | 0.10                         |
| 05/28/01 04:45 | 0.10                         |
| 05/30/01 04:15 | 0.00                         |
| 05/30/01 13:30 | 0.00                         |
| 06/01/01 00:15 | 0.00                         |
| 06/01/01 07:45 | 0.00                         |
| 06/01/01 08:00 | 0.00                         |
| 07/01/01 00:15 | 0.00                         |
| 07/01/01 08:15 | 0.00                         |
| 07/01/01 08:30 | 0.00                         |
| 07/01/01 08:45 | 0.00                         |
| 07/01/01 17:30 | 0.10                         |
| 08/01/01 00:15 | 0.00                         |
| 08/01/01 17:45 | 0.00                         |
| 08/02/01 08:15 | 0.00                         |
| 08/02/01 09:15 | 0.00                         |
| 08/11/01 16:45 | 0.10                         |
| 08/11/01 17:00 | 0.40                         |
| 08/13/01 05:45 | 0.10                         |
| 08/13/01 06:00 | 0.10                         |
| 08/13/01 06:45 | 0.10                         |
| 08/13/01 07:30 | 0.10                         |
| 08/17/01 08:15 | 0.10                         |
| 08/17/01 08:30 | 0.10                         |
| 08/17/01 08:45 | 0.10                         |
| 08/17/01 09:15 | 0.10                         |
| 08/17/01 09:45 | 0.10                         |
| 08/17/01 10:15 | 0.10                         |
| 08/17/01 10:30 | 0.10                         |
| 08/17/01 11:15 | 0.10                         |
| 08/18/01 05:30 | 0.10                         |
| 08/26/01 05:30 | 0.10                         |
| 08/26/01 05:45 | 0.20                         |
| 08/26/01 06:15 | 0.10                         |
| 08/26/01 06:30 | 0.30                         |
| 08/26/01 06:45 | 0.30                         |
| 08/30/01 07:30 | 0.10                         |
| 08/30/01 08:00 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 08/30/01 08:15 | 0.20                         |
| 08/30/01 08:45 | 0.10                         |
| 08/30/01 10:00 | 0.10                         |
| 08/30/01 12:45 | 0.10                         |
| 08/30/01 13:15 | 0.10                         |
| 08/31/01 03:00 | 0.10                         |
| 08/31/01 06:45 | 0.10                         |
| 08/31/01 15:00 | 0.10                         |
| 09/01/01 00:15 | 0.00                         |
| 09/03/01 18:15 | 0.10                         |
| 09/03/01 18:30 | 0.60                         |
| 09/03/01 18:45 | 0.30                         |
| 09/03/01 19:00 | 0.50                         |
| 09/03/01 19:30 | 0.10                         |
| 09/03/01 20:45 | 0.10                         |
| 09/04/01 17:00 | 0.10                         |
| 09/05/01 12:30 | 0.10                         |
| 09/09/01 00:45 | 0.10                         |
| 09/09/01 01:45 | 0.10                         |
| 09/13/01 07:45 | 0.00                         |
| 09/13/01 09:15 | 0.00                         |
| 09/15/01 04:15 | 0.20                         |
| 09/15/01 04:30 | 0.20                         |
| 09/15/01 04:45 | 0.10                         |
| 09/15/01 05:15 | 0.10                         |
| 09/15/01 05:30 | 0.60                         |
| 09/15/01 05:45 | 0.10                         |
| 09/15/01 06:00 | 0.20                         |
| 09/15/01 06:15 | 0.10                         |
| 09/15/01 06:30 | 0.10                         |
| 09/15/01 07:00 | 0.10                         |
| 09/15/01 15:45 | 0.50                         |
| 09/16/01 12:15 | 0.10                         |
| 09/16/01 15:30 | 0.00                         |
| 09/16/01 18:45 | 0.00                         |
| 09/18/01 07:00 | 0.00                         |
| 11/01/01 00:15 | 0.00                         |
| 11/01/01 12:00 | 0.00                         |
| 11/01/01 12:15 | 0.00                         |
| 11/01/01 12:30 | 0.00                         |
| 11/04/01 10:45 | 0.10                         |
| 11/11/01 10:15 | 0.10                         |
| 11/11/01 15:45 | 0.10                         |
| 11/23/01 21:15 | 0.10                         |
| 11/27/01 18:30 | 0.10                         |
| 11/27/01 20:45 | 0.10                         |
| 11/28/01 07:30 | 0.10                         |
| 11/28/01 08:00 | 0.10                         |
| 11/28/01 11:00 | 0.10                         |
| 12/01/01 00:15 | 0.00                         |
| 12/03/01 04:45 | 0.10                         |
| 12/06/01 04:00 | 0.10                         |
| 12/06/01 04:15 | 0.10                         |
| 12/11/01 15:00 | 0.10                         |
| 12/11/01 17:45 | 0.10                         |
| 12/13/01 11:00 | 0.10                         |
| 12/13/01 12:45 | 0.10                         |
| 12/13/01 13:30 | 0.10                         |
| 12/13/01 14:30 | 0.10                         |
| 12/15/01 17:00 | 0.10                         |
| 12/15/01 20:45 | 0.10                         |
| 12/15/01 21:00 | 0.20                         |
| 12/15/01 21:15 | 0.30                         |
| 12/15/01 21:30 | 0.10                         |
| 12/15/01 21:45 | 0.10                         |
| 12/15/01 22:15 | 0.10                         |
| 12/15/01 23:00 | 0.10                         |
| 12/16/01 00:15 | 0.10                         |
| 12/16/01 01:00 | 0.20                         |
| 12/16/01 01:15 | 0.20                         |
| 12/16/01 01:30 | 0.20                         |
| 12/16/01 01:45 | 0.10                         |
| 12/16/01 02:00 | 0.10                         |
| 12/16/01 02:15 | 0.10                         |
| 12/16/01 02:30 | 0.10                         |
| 12/16/01 03:00 | 0.10                         |
| 12/16/01 03:30 | 0.20                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 12/16/01 03:45 | 0.10                         |
| 12/16/01 04:00 | 0.20                         |
| 12/16/01 04:30 | 0.10                         |
| 12/16/01 05:30 | 0.10                         |
| 12/16/01 06:15 | 0.10                         |
| 12/16/01 06:30 | 0.10                         |
| 12/16/01 13:00 | 0.10                         |
| 12/16/01 13:30 | 0.30                         |
| 12/16/01 13:45 | 0.20                         |
| 12/16/01 14:45 | 0.10                         |
| 12/16/01 15:15 | 0.10                         |
| 12/16/01 15:45 | 0.10                         |
| 12/16/01 17:15 | 0.10                         |
| 01/01/02 00:15 | 0.00                         |
| 01/05/02 01:45 | 0.10                         |
| 01/05/02 06:00 | 0.10                         |
| 01/18/02 15:30 | 0.10                         |
| 01/22/02 11:45 | 0.10                         |
| 01/22/02 12:15 | 0.10                         |
| 01/23/02 07:15 | 0.10                         |
| 01/23/02 20:15 | 0.10                         |
| 01/23/02 20:30 | 0.10                         |
| 01/24/02 05:45 | 0.20                         |
| 01/24/02 07:45 | 0.10                         |
| 01/24/02 08:00 | 0.10                         |
| 01/24/02 08:15 | 0.10                         |
| 01/24/02 08:45 | 0.10                         |
| 01/24/02 12:15 | 0.10                         |
| 01/30/02 23:00 | 0.10                         |
| 01/31/02 01:45 | 0.10                         |
| 01/31/02 02:30 | 0.20                         |
| 01/31/02 02:45 | 0.20                         |
| 01/31/02 03:00 | 0.10                         |
| 01/31/02 04:15 | 0.10                         |
| 01/31/02 04:30 | 0.10                         |
| 01/31/02 04:45 | 0.10                         |
| 01/31/02 05:45 | 0.10                         |
| 01/31/02 06:00 | 0.10                         |
| 01/31/02 07:00 | 0.10                         |
| 01/31/02 07:15 | 0.30                         |
| 01/31/02 07:30 | 0.10                         |
| 01/31/02 07:45 | 0.20                         |
| 01/31/02 08:15 | 0.10                         |
| 01/31/02 08:45 | 0.10                         |
| 01/31/02 09:30 | 0.10                         |
| 02/01/02 00:15 | 0.00                         |
| 02/04/02 23:45 | 0.10                         |
| 02/05/02 03:15 | 0.10                         |
| 02/05/02 05:15 | 0.10                         |
| 02/05/02 06:45 | 0.10                         |
| 02/05/02 09:00 | 0.10                         |
| 02/05/02 11:15 | 0.10                         |
| 02/05/02 13:15 | 0.10                         |
| 02/05/02 15:15 | 0.10                         |
| 02/05/02 18:00 | 0.10                         |
| 02/05/02 23:45 | 0.10                         |
| 02/14/02 08:15 | 0.00                         |
| 02/14/02 08:30 | 0.00                         |
| 02/14/02 16:30 | 0.00                         |
| 02/14/02 16:45 | 0.00                         |
| 03/01/02 00:15 | 0.00                         |
| 03/01/02 09:00 | 0.00                         |
| 03/01/02 09:15 | 0.00                         |
| 05/01/02 00:15 | 0.00                         |
| 08/01/02 00:15 | 0.00                         |
| 08/01/02 01:15 | 0.00                         |
| 08/04/02 11:00 | 0.00                         |
| 08/04/02 11:15 | 0.00                         |
| 08/04/02 11:30 | 0.00                         |
| 08/04/02 11:45 | 0.00                         |
| 08/10/02 14:15 | 0.10                         |
| 08/14/02 05:30 | 0.20                         |
| 08/14/02 06:00 | 0.10                         |
| 08/14/02 12:00 | 0.00                         |
| 08/14/02 17:00 | 0.10                         |
| 08/25/02 15:30 | 0.40                         |
| 08/25/02 15:45 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 08/26/02 07:15 | 0.10                         |
| 08/26/02 12:15 | 0.00                         |
| 08/26/02 21:30 | 0.00                         |
| 08/27/02 07:30 | 0.30                         |
| 08/27/02 07:45 | 0.30                         |
| 08/27/02 08:00 | 0.10                         |
| 08/27/02 08:45 | 0.10                         |
| 08/27/02 09:45 | 0.00                         |
| 08/27/02 15:30 | 0.10                         |
| 08/27/02 16:30 | 0.00                         |
| 09/01/02 00:15 | 0.00                         |
| 09/08/02 03:45 | 0.00                         |
| 09/08/02 05:45 | 0.00                         |
| 09/08/02 06:15 | 0.40                         |
| 09/08/02 07:15 | 0.40                         |
| 09/08/02 10:15 | 0.00                         |
| 09/08/02 14:15 | 0.10                         |
| 09/08/02 18:15 | 0.10                         |
| 09/09/02 15:00 | 0.00                         |
| 09/19/02 07:00 | 0.10                         |
| 09/19/02 07:15 | 0.10                         |
| 09/19/02 07:45 | 0.30                         |
| 09/19/02 08:15 | 0.10                         |
| 09/19/02 11:30 | 0.10                         |
| 09/19/02 12:00 | 0.10                         |
| 09/19/02 12:15 | 0.10                         |
| 09/19/02 14:30 | 0.00                         |
| 09/19/02 15:15 | 0.00                         |
| 09/19/02 16:15 | 0.00                         |
| 09/27/02 06:00 | 0.00                         |
| 09/27/02 17:15 | 0.10                         |
| 12/01/02 00:15 | 0.00                         |
| 12/01/02 02:00 | 0.00                         |
| 12/01/02 02:15 | 0.00                         |
| 12/01/02 02:30 | 0.00                         |
| 12/01/02 18:30 | 0.00                         |
| 12/03/02 10:15 | 0.10                         |
| 12/03/02 10:45 | 0.10                         |
| 12/03/02 19:00 | 0.10                         |
| 12/03/02 20:30 | 0.20                         |
| 12/03/02 21:15 | 0.10                         |
| 12/04/02 00:30 | 0.20                         |
| 12/07/02 19:00 | 0.00                         |
| 12/07/02 20:30 | 0.00                         |
| 12/08/02 17:45 | 0.10                         |
| 12/08/02 19:00 | 0.00                         |
| 12/08/02 20:45 | 0.10                         |
| 12/08/02 21:15 | 0.00                         |
| 12/08/02 22:30 | 0.10                         |
| 12/08/02 23:30 | 0.10                         |
| 12/09/02 00:15 | 0.10                         |
| 12/09/02 01:00 | 0.10                         |
| 12/09/02 01:30 | 0.10                         |
| 12/09/02 02:00 | 0.10                         |
| 12/09/02 02:45 | 0.10                         |
| 12/09/02 03:45 | 0.10                         |
| 12/09/02 04:15 | 0.10                         |
| 12/09/02 05:00 | 0.10                         |
| 12/09/02 06:15 | 0.10                         |
| 12/09/02 12:30 | 0.10                         |
| 12/09/02 16:45 | 0.10                         |
| 12/09/02 19:15 | 0.10                         |
| 12/12/02 17:00 | 0.10                         |
| 12/17/02 16:00 | 0.00                         |
| 12/17/02 16:15 | 0.00                         |
| 12/17/02 17:15 | 0.00                         |
| 12/22/02 08:00 | 0.00                         |
| 01/01/03 00:15 | 0.00                         |
| 01/01/03 11:30 | 0.00                         |
| 01/02/03 00:30 | 0.00                         |
| 01/02/03 14:30 | 0.00                         |
| 01/06/03 13:00 | 0.00                         |
| 01/06/03 14:15 | 0.00                         |
| 01/11/03 04:45 | 0.00                         |
| 01/11/03 11:00 | 0.10                         |
| 01/12/03 15:00 | 0.10                         |
| 02/01/03 00:15 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 02/05/03 11:30 | 0.10                         |
| 02/05/03 12:30 | 0.10                         |
| 02/05/03 13:00 | 0.10                         |
| 02/05/03 14:00 | 0.10                         |
| 02/05/03 16:00 | 0.10                         |
| 02/05/03 17:00 | 0.10                         |
| 02/05/03 18:30 | 0.10                         |
| 02/05/03 20:00 | 0.10                         |
| 02/05/03 23:00 | 0.10                         |
| 02/07/03 10:00 | 0.10                         |
| 02/08/03 07:45 | 0.00                         |
| 02/08/03 09:30 | 0.00                         |
| 02/08/03 10:15 | 0.10                         |
| 02/09/03 19:00 | 0.10                         |
| 02/09/03 20:30 | 0.00                         |
| 02/09/03 20:45 | 0.00                         |
| 02/10/03 15:30 | 0.00                         |
| 02/10/03 17:15 | 0.00                         |
| 02/10/03 18:15 | 0.10                         |
| 02/13/03 17:30 | 0.10                         |
| 02/13/03 18:00 | 0.10                         |
| 02/14/03 08:00 | 0.10                         |
| 02/15/03 18:45 | 0.00                         |
| 02/17/03 10:30 | 0.10                         |
| 02/20/03 13:15 | 0.10                         |
| 02/20/03 13:45 | 0.10                         |
| 02/20/03 14:45 | 0.10                         |
| 02/20/03 17:00 | 0.10                         |
| 02/20/03 20:15 | 0.10                         |
| 02/21/03 06:15 | 0.10                         |
| 02/21/03 09:00 | 0.10                         |
| 02/21/03 09:15 | 0.10                         |
| 02/21/03 09:30 | 0.10                         |
| 02/21/03 10:00 | 0.10                         |
| 02/21/03 10:45 | 0.10                         |
| 02/21/03 14:30 | 0.10                         |
| 02/21/03 18:45 | 0.10                         |
| 02/21/03 19:15 | 0.10                         |
| 02/21/03 19:45 | 0.10                         |
| 02/21/03 22:15 | 0.10                         |
| 02/22/03 00:15 | 0.10                         |
| 02/24/03 19:00 | 0.10                         |
| 02/24/03 20:00 | 0.10                         |
| 02/24/03 20:45 | 0.10                         |
| 02/24/03 21:30 | 0.10                         |
| 02/24/03 23:00 | 0.10                         |
| 02/24/03 23:45 | 0.10                         |
| 02/25/03 00:15 | 0.10                         |
| 02/26/03 09:15 | 0.10                         |
| 03/01/03 00:15 | 0.00                         |
| 03/03/03 07:15 | 0.00                         |
| 03/03/03 07:30 | 0.00                         |
| 03/03/03 08:15 | 0.00                         |
| 03/03/03 08:30 | 0.00                         |
| 03/13/03 05:00 | 0.20                         |
| 03/13/03 05:30 | 0.20                         |
| 03/13/03 10:30 | 0.10                         |
| 03/18/03 07:30 | 0.20                         |
| 03/18/03 07:45 | 0.10                         |
| 03/18/03 11:00 | 0.10                         |
| 03/18/03 11:15 | 0.10                         |
| 03/18/03 12:00 | 0.10                         |
| 03/19/03 18:45 | 0.10                         |
| 03/22/03 19:15 | 0.10                         |
| 04/01/03 00:15 | 0.00                         |
| 04/02/03 08:15 | 0.00                         |
| 04/02/03 09:15 | 0.00                         |
| 04/04/03 08:15 | 0.10                         |
| 04/04/03 09:15 | 0.10                         |
| 04/04/03 10:00 | 0.10                         |
| 04/04/03 18:30 | 0.10                         |
| 04/04/03 18:45 | 0.10                         |
| 04/05/03 21:15 | 0.10                         |
| 04/05/03 21:30 | 0.40                         |
| 04/05/03 21:45 | 0.30                         |
| 04/05/03 22:00 | 0.30                         |
| 04/05/03 22:15 | 0.60                         |



| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 04/05/03 22:30 | 0.10                         |
| 04/05/03 23:00 | 0.70                         |
| 04/05/03 23:15 | 0.20                         |
| 04/05/03 23:45 | 0.10                         |
| 04/22/03 00:45 | 0.00                         |
| 04/23/03 12:15 | 0.10                         |
| 04/23/03 20:45 | 0.20                         |
| 04/23/03 21:00 | 0.10                         |
| 04/29/03 03:00 | 0.10                         |
| 04/30/03 00:30 | 0.10                         |
| 04/30/03 01:00 | 0.10                         |
| 04/30/03 10:45 | 0.10                         |
| 05/01/03 00:15 | 0.00                         |
| 05/04/03 10:15 | 0.00                         |
| 05/04/03 10:30 | 0.00                         |
| 05/04/03 12:00 | 0.00                         |
| 05/04/03 12:30 | 0.00                         |
| 05/13/03 07:15 | 0.10                         |
| 05/13/03 07:30 | 0.10                         |
| 05/13/03 16:15 | 0.10                         |
| 05/16/03 06:45 | 0.10                         |
| 05/20/03 05:15 | 0.30                         |
| 05/20/03 05:30 | 0.30                         |
| 05/20/03 10:00 | 0.10                         |
| 05/20/03 10:15 | 0.10                         |
| 05/20/03 10:30 | 0.10                         |
| 05/20/03 11:15 | 0.10                         |
| 05/20/03 11:30 | 0.10                         |
| 05/20/03 11:45 | 0.10                         |
| 05/20/03 12:15 | 0.10                         |
| 05/20/03 13:30 | 0.10                         |
| 05/24/03 12:15 | 0.10                         |
| 05/25/03 00:15 | 0.10                         |
| 05/25/03 00:30 | 0.20                         |
| 05/25/03 00:45 | 0.30                         |
| 05/25/03 01:30 | 0.10                         |
| 05/25/03 02:45 | 0.10                         |
| 05/25/03 04:45 | 0.10                         |
| 05/25/03 05:30 | 0.10                         |
| 05/25/03 06:00 | 0.10                         |
| 05/25/03 06:45 | 0.10                         |
| 05/25/03 07:15 | 0.10                         |
| 05/25/03 15:00 | 0.10                         |
| 06/01/03 00:15 | 0.00                         |
| 06/05/03 11:30 | 0.10                         |
| 06/05/03 12:30 | 0.10                         |
| 06/05/03 13:00 | 0.20                         |
| 06/05/03 13:15 | 0.10                         |
| 06/05/03 13:30 | 0.10                         |
| 06/07/03 08:00 | 0.00                         |
| 06/07/03 08:30 | 0.00                         |
| 07/01/03 00:15 | 0.00                         |
| 08/01/03 00:15 | 0.00                         |
| 08/06/03 08:15 | 0.00                         |
| 08/06/03 08:45 | 0.00                         |
| 08/08/03 10:30 | 0.10                         |
| 08/09/03 11:30 | 0.10                         |
| 08/13/03 15:00 | 0.10                         |
| 08/13/03 15:15 | 0.40                         |
| 08/14/03 15:15 | 0.30                         |
| 08/14/03 15:30 | 0.10                         |
| 08/23/03 01:45 | 0.00                         |
| 08/23/03 12:30 | 0.10                         |
| 08/25/03 17:30 | 0.10                         |
| 08/30/03 12:30 | 0.10                         |
| 08/31/03 19:00 | 0.10                         |
| 10/01/03 00:15 | 0.00                         |
| 10/02/03 13:00 | 0.00                         |
| 10/02/03 13:15 | 0.00                         |
| 10/02/03 13:30 | 0.00                         |
| 10/05/03 10:15 | 0.10                         |
| 10/06/03 12:15 | 0.10                         |
| 10/09/03 02:15 | 0.10                         |
| 10/09/03 04:00 | 0.10                         |
| 10/09/03 05:15 | 0.10                         |
| 10/09/03 07:30 | 0.10                         |
| 11/01/03 00:15 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 11/05/03 08:00 | 0.00                         |
| 11/05/03 08:30 | 0.00                         |
| 11/06/03 07:15 | 0.10                         |
| 11/06/03 07:45 | 0.10                         |
| 11/06/03 08:00 | 0.20                         |
| 11/06/03 08:15 | 0.20                         |
| 11/06/03 08:30 | 0.20                         |
| 11/06/03 08:45 | 0.10                         |
| 11/06/03 09:30 | 0.10                         |
| 11/06/03 10:45 | 0.10                         |
| 11/06/03 13:30 | 0.10                         |
| 11/07/03 01:45 | 0.10                         |
| 11/07/03 16:45 | 0.10                         |
| 11/07/03 19:00 | 0.10                         |
| 11/07/03 21:45 | 0.10                         |
| 11/09/03 13:30 | 0.10                         |
| 11/15/03 06:30 | 0.00                         |
| 11/16/03 13:30 | 0.10                         |
| 11/16/03 13:45 | 0.10                         |
| 11/16/03 14:00 | 0.20                         |
| 11/16/03 14:15 | 0.20                         |
| 11/16/03 14:30 | 0.30                         |
| 11/16/03 14:45 | 0.20                         |
| 11/16/03 15:00 | 0.10                         |
| 11/16/03 15:15 | 0.10                         |
| 11/16/03 15:30 | 0.10                         |
| 11/16/03 15:45 | 0.10                         |
| 11/18/03 08:30 | 0.10                         |
| 11/25/03 10:45 | 0.10                         |
| 11/30/03 11:00 | 0.00                         |
| 11/30/03 11:15 | 0.00                         |
| 12/01/03 00:15 | 0.00                         |
| 12/01/03 00:30 | 0.00                         |
| 12/01/03 14:00 | 0.00                         |
| 12/01/03 14:45 | 0.00                         |
| 01/01/04 00:15 | 0.00                         |
| 01/01/04 14:00 | 0.00                         |
| 01/01/04 14:15 | 0.00                         |
| 01/01/04 14:30 | 0.00                         |
| 01/04/04 10:15 | 0.10                         |
| 01/16/04 05:00 | 0.10                         |
| 01/16/04 05:45 | 0.10                         |
| 01/16/04 06:00 | 0.20                         |
| 01/16/04 06:15 | 0.10                         |
| 01/16/04 07:00 | 0.10                         |
| 01/16/04 07:45 | 0.10                         |
| 01/16/04 08:45 | 0.20                         |
| 01/16/04 09:00 | 0.10                         |
| 01/16/04 09:15 | 0.10                         |
| 01/16/04 10:15 | 0.10                         |
| 01/16/04 10:45 | 0.10                         |
| 01/16/04 11:00 | 0.10                         |
| 01/16/04 11:30 | 0.10                         |
| 01/16/04 11:45 | 0.10                         |
| 01/16/04 12:30 | 0.10                         |
| 01/16/04 17:15 | 0.10                         |
| 01/16/04 18:00 | 0.50                         |
| 01/16/04 18:15 | 0.00                         |
| 01/16/04 18:45 | 0.10                         |
| 01/16/04 19:00 | 0.10                         |
| 01/16/04 19:30 | 0.10                         |
| 01/16/04 20:00 | 0.10                         |
| 01/16/04 20:45 | 0.10                         |
| 01/16/04 21:00 | 0.60                         |
| 01/16/04 21:30 | 0.00                         |
| 01/16/04 22:00 | 0.10                         |
| 01/21/04 09:00 | 0.10                         |
| 01/24/04 11:30 | 0.10                         |
| 01/24/04 12:30 | 0.10                         |
| 01/24/04 14:30 | 0.10                         |
| 02/01/04 00:15 | 0.00                         |
| 02/01/04 07:45 | 0.00                         |
| 02/01/04 08:00 | 0.00                         |
| 02/01/04 14:00 | 0.00                         |
| 02/01/04 14:15 | 0.00                         |
| 02/01/04 17:15 | 0.10                         |
| 02/01/04 18:00 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 02/01/04 18:15 | 0.10                         |
| 02/04/04 06:45 | 0.10                         |
| 02/04/04 09:30 | 0.10                         |
| 02/04/04 10:45 | 0.10                         |
| 02/04/04 12:45 | 0.10                         |
| 02/04/04 13:45 | 0.10                         |
| 02/04/04 14:30 | 0.10                         |
| 02/04/04 15:30 | 0.10                         |
| 02/04/04 15:45 | 0.10                         |
| 02/04/04 16:45 | 0.10                         |
| 02/04/04 20:30 | 0.10                         |
| 02/04/04 23:00 | 0.10                         |
| 02/05/04 05:30 | 0.10                         |
| 02/10/04 06:15 | 0.10                         |
| 02/10/04 21:15 | 0.10                         |
| 02/10/04 23:30 | 0.10                         |
| 02/11/04 03:00 | 0.10                         |
| 02/11/04 04:30 | 0.10                         |
| 02/11/04 08:45 | 0.10                         |
| 02/11/04 11:15 | 0.10                         |
| 02/11/04 12:45 | 0.10                         |
| 02/13/04 20:30 | 0.10                         |
| 02/13/04 22:45 | 0.10                         |
| 02/14/04 02:00 | 0.20                         |
| 02/19/04 04:15 | 0.10                         |
| 02/23/04 07:45 | 0.10                         |
| 02/23/04 08:00 | 0.30                         |
| 02/23/04 08:15 | 0.10                         |
| 02/23/04 10:15 | 0.10                         |
| 02/23/04 11:15 | 0.10                         |
| 02/24/04 12:00 | 0.10                         |
| 02/24/04 13:45 | 0.10                         |
| 02/24/04 15:30 | 0.10                         |
| 02/24/04 16:45 | 0.10                         |
| 02/24/04 18:15 | 0.10                         |
| 02/24/04 19:15 | 0.10                         |
| 02/24/04 20:15 | 0.10                         |
| 02/24/04 21:45 | 0.10                         |
| 02/25/04 07:15 | 0.00                         |
| 02/26/04 06:30 | 0.10                         |
| 02/29/04 04:45 | 0.00                         |
| 03/01/04 00:15 | 0.00                         |
| 03/01/04 08:00 | 0.00                         |
| 03/01/04 08:15 | 0.00                         |
| 03/01/04 10:00 | 0.00                         |
| 03/01/04 10:15 | 0.00                         |
| 03/02/04 10:30 | 0.20                         |
| 03/02/04 11:00 | 0.10                         |
| 03/03/04 05:00 | 0.10                         |
| 03/04/04 08:45 | 0.60                         |
| 03/04/04 09:00 | 0.10                         |
| 03/04/04 09:30 | 0.10                         |
| 03/12/04 23:45 | 0.10                         |
| 03/13/04 07:45 | 0.10                         |
| 03/13/04 14:15 | 0.10                         |
| 03/13/04 17:15 | 0.10                         |
| 03/14/04 00:45 | 0.10                         |
| 03/24/04 01:45 | 0.00                         |
| 03/24/04 02:00 | 0.00                         |
| 03/24/04 09:00 | 0.00                         |
| 03/24/04 09:15 | 0.00                         |
| 03/29/04 21:00 | 0.00                         |
| 04/01/04 00:15 | 0.00                         |
| 04/01/04 11:30 | 0.00                         |
| 04/01/04 11:45 | 0.00                         |
| 04/01/04 12:15 | 0.00                         |
| 04/01/04 12:45 | 0.00                         |
| 04/01/04 15:00 | 0.10                         |
| 04/11/04 19:00 | 0.10                         |
| 04/22/04 10:30 | 0.00                         |
| 04/22/04 11:30 | 0.00                         |
| 04/23/04 23:00 | 0.10                         |
| 04/23/04 23:30 | 0.10                         |
| 04/24/04 02:00 | 0.10                         |
| 04/24/04 02:15 | 0.10                         |
| 04/24/04 02:30 | 0.10                         |
| 04/24/04 03:15 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 04/24/04 04:15 | 0.10                         |
| 04/24/04 04:30 | 0.10                         |
| 04/24/04 04:45 | 0.10                         |
| 04/24/04 05:15 | 0.10                         |
| 04/24/04 06:00 | 0.10                         |
| 04/24/04 06:45 | 0.10                         |
| 04/24/04 07:15 | 0.10                         |
| 04/24/04 07:45 | 0.10                         |
| 04/24/04 08:30 | 0.10                         |
| 04/24/04 09:00 | 0.10                         |
| 04/24/04 09:15 | 0.10                         |
| 04/24/04 12:30 | 0.10                         |
| 04/25/04 02:30 | 0.10                         |
| 04/25/04 03:30 | 0.10                         |
| 04/25/04 05:00 | 0.10                         |
| 04/25/04 05:30 | 0.10                         |
| 04/25/04 08:00 | 0.10                         |
| 04/25/04 08:45 | 0.10                         |
| 04/29/04 06:00 | 0.10                         |
| 04/29/04 07:15 | 0.10                         |
| 04/29/04 07:30 | 0.10                         |
| 04/30/04 22:45 | 0.10                         |
| 04/30/04 23:00 | 0.10                         |
| 05/01/04 00:15 | 0.00                         |
| 05/01/04 01:00 | 0.10                         |
| 05/01/04 04:30 | 0.10                         |
| 05/01/04 05:15 | 0.10                         |
| 05/01/04 08:15 | 0.10                         |
| 05/01/04 09:00 | 0.10                         |
| 05/11/04 17:45 | 0.10                         |
| 05/13/04 21:15 | 0.10                         |
| 05/27/04 19:00 | 0.20                         |
| 05/27/04 20:15 | 0.10                         |
| 05/27/04 20:30 | 0.50                         |
| 05/27/04 20:45 | 0.10                         |
| 05/27/04 21:15 | 0.20                         |
| 05/27/04 22:30 | 0.10                         |
| 05/28/04 13:00 | 0.10                         |
| 06/01/04 00:15 | 0.00                         |
| 06/02/04 01:15 | 0.10                         |
| 06/02/04 21:00 | 0.10                         |
| 06/02/04 21:45 | 0.10                         |
| 06/02/04 23:15 | 0.10                         |
| 06/03/04 00:15 | 0.10                         |
| 06/03/04 00:45 | 0.10                         |
| 06/03/04 01:15 | 0.10                         |
| 06/03/04 01:45 | 0.10                         |
| 06/03/04 02:30 | 0.10                         |
| 06/03/04 12:15 | 0.10                         |
| 06/03/04 12:45 | 0.00                         |
| 06/05/04 06:15 | 0.10                         |
| 06/05/04 17:15 | 0.10                         |
| 06/05/04 18:30 | 0.10                         |
| 06/08/04 07:15 | 0.10                         |
| 06/08/04 08:00 | 0.10                         |
| 06/08/04 09:15 | 0.10                         |
| 06/08/04 11:15 | 0.10                         |
| 06/08/04 15:00 | 0.10                         |
| 06/08/04 15:30 | 0.30                         |
| 06/08/04 15:45 | 0.10                         |
| 06/08/04 16:15 | 0.10                         |
| 06/08/04 17:30 | 0.10                         |
| 06/08/04 20:00 | 0.10                         |
| 06/09/04 00:30 | 0.10                         |
| 06/09/04 09:15 | 0.10                         |
| 06/10/04 01:00 | 0.10                         |
| 06/10/04 01:15 | 0.10                         |
| 06/10/04 01:45 | 0.10                         |
| 06/10/04 02:15 | 0.10                         |
| 06/10/04 03:00 | 0.10                         |
| 06/10/04 06:45 | 0.10                         |
| 06/13/04 03:00 | 0.10                         |
| 06/19/04 14:15 | 0.00                         |
| 06/19/04 14:30 | 0.10                         |
| 06/19/04 14:45 | 0.10                         |
| 06/19/04 15:00 | 0.10                         |
| 06/22/04 08:30 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 06/22/04 08:45 | 0.30                         |
| 06/22/04 09:00 | 0.20                         |
| 06/25/04 12:00 | 0.10                         |
| 06/25/04 16:00 | 0.20                         |
| 06/25/04 17:15 | 0.10                         |
| 06/26/04 13:15 | 0.20                         |
| 06/26/04 13:30 | 0.40                         |
| 06/26/04 14:30 | 0.10                         |
| 06/26/04 19:00 | 0.10                         |
| 06/27/04 03:45 | 0.00                         |
| 06/27/04 04:30 | 0.10                         |
| 06/27/04 06:30 | 0.10                         |
| 06/27/04 10:00 | 0.10                         |
| 06/27/04 10:15 | 0.10                         |
| 06/27/04 10:45 | 0.10                         |
| 06/27/04 11:45 | 0.10                         |
| 06/29/04 14:15 | 0.10                         |
| 06/29/04 21:15 | 0.00                         |
| 07/01/04 00:15 | 0.00                         |
| 07/01/04 12:30 | 0.10                         |
| 07/02/04 10:00 | 0.00                         |
| 07/03/04 12:45 | 0.00                         |
| 07/04/04 11:45 | 0.00                         |
| 07/05/04 16:15 | 0.00                         |
| 07/05/04 20:15 | 0.00                         |
| 07/06/04 11:30 | 0.10                         |
| 07/06/04 14:45 | 0.10                         |
| 07/10/04 10:15 | 0.00                         |
| 07/12/04 09:30 | 0.00                         |
| 07/14/04 05:00 | 0.00                         |
| 07/14/04 08:45 | 0.10                         |
| 07/28/04 19:45 | 0.10                         |
| 07/28/04 20:15 | 0.10                         |
| 07/28/04 20:30 | 0.30                         |
| 07/28/04 20:45 | 0.50                         |
| 07/28/04 21:00 | 0.10                         |
| 07/28/04 22:30 | 0.20                         |
| 07/29/04 01:30 | 0.10                         |
| 07/29/04 02:00 | 0.10                         |
| 07/29/04 03:00 | 0.10                         |
| 07/29/04 03:15 | 0.10                         |
| 07/29/04 04:00 | 0.10                         |
| 07/29/04 04:30 | 0.10                         |
| 07/29/04 04:45 | 0.10                         |
| 07/29/04 05:15 | 0.10                         |
| 07/29/04 05:30 | 0.40                         |
| 07/29/04 05:45 | 0.20                         |
| 07/29/04 06:00 | 0.10                         |
| 07/29/04 06:30 | 0.10                         |
| 07/29/04 08:00 | 0.10                         |
| 07/29/04 19:00 | 0.10                         |
| 07/29/04 22:45 | 0.10                         |
| 07/29/04 23:00 | 0.10                         |
| 08/01/04 00:15 | 0.00                         |
| 08/02/04 07:45 | 0.00                         |
| 08/02/04 09:30 | 0.00                         |
| 08/19/04 09:15 | 0.10                         |
| 08/19/04 09:30 | 0.10                         |
| 08/19/04 09:45 | 0.10                         |
| 08/19/04 10:15 | 0.10                         |
| 08/19/04 10:45 | 0.10                         |
| 08/19/04 11:00 | 0.10                         |
| 08/19/04 11:45 | 0.10                         |
| 08/19/04 13:15 | 0.10                         |
| 08/19/04 14:30 | 0.10                         |
| 08/19/04 14:45 | 0.10                         |
| 08/19/04 15:15 | 0.10                         |
| 08/19/04 15:45 | 0.10                         |
| 08/19/04 16:15 | 0.10                         |
| 08/28/04 07:15 | 0.80                         |
| 08/28/04 07:30 | 0.50                         |
| 08/28/04 07:45 | 0.10                         |
| 08/28/04 08:00 | 0.10                         |
| 08/28/04 08:15 | 0.10                         |
| 08/28/04 08:45 | 0.10                         |
| 08/28/04 09:45 | 0.10                         |
| 08/30/04 14:15 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 09/01/04 00:15 | 0.00                         |
| 09/02/04 15:15 | 0.00                         |
| 09/03/04 17:45 | 0.00                         |
| 09/04/04 15:15 | 0.00                         |
| 09/05/04 08:15 | 0.00                         |
| 09/05/04 19:45 | 0.00                         |
| 09/05/04 22:45 | 0.00                         |
| 09/06/04 05:00 | 0.00                         |
| 09/06/04 06:00 | 0.10                         |
| 09/06/04 06:15 | 0.10                         |
| 09/06/04 06:30 | 0.10                         |
| 09/06/04 06:45 | 0.10                         |
| 09/08/04 23:30 | 0.00                         |
| 09/09/04 14:45 | 0.10                         |
| 09/10/04 12:15 | 0.00                         |
| 09/14/04 08:00 | 0.00                         |
| 09/15/04 08:00 | 0.00                         |
| 09/20/04 09:45 | 0.00                         |
| 09/23/04 09:30 | 0.00                         |
| 10/01/04 00:15 | 0.00                         |
| 10/01/04 08:00 | 0.00                         |
| 10/01/04 08:15 | 0.00                         |
| 10/01/04 10:00 | 0.00                         |
| 10/01/04 10:15 | 0.00                         |
| 11/01/04 00:15 | 0.00                         |
| 11/01/04 12:00 | 0.00                         |
| 11/01/04 12:15 | 0.00                         |
| 12/01/04 00:15 | 0.00                         |
| 12/01/04 01:45 | 0.00                         |
| 12/01/04 02:15 | 0.00                         |
| 12/31/04 23:00 | 0.00                         |
| 01/01/05 00:15 | 0.00                         |
| 01/01/05 12:00 | 0.00                         |
| 01/01/05 12:15 | 0.00                         |
| 01/12/05 08:00 | 0.00                         |
| 01/12/05 08:15 | 0.00                         |
| 01/27/05 14:00 | 0.10                         |
| 01/27/05 17:00 | 0.10                         |
| 01/28/05 02:00 | 0.10                         |
| 01/30/05 14:00 | 0.10                         |
| 01/30/05 16:00 | 0.10                         |
| 01/30/05 17:00 | 0.10                         |
| 01/30/05 18:00 | 0.10                         |
| 01/30/05 19:00 | 0.30                         |
| 01/30/05 20:00 | 0.10                         |
| 02/01/05 00:15 | 0.00                         |
| 03/01/05 00:15 | 0.00                         |
| 03/04/05 08:45 | 0.00                         |
| 03/04/05 09:15 | 0.00                         |
| 06/01/05 00:15 | 0.00                         |
| 10/01/05 00:15 | 0.00                         |
| 10/03/05 09:00 | 0.00                         |
| 10/03/05 09:15 | 0.00                         |
| 10/03/05 09:30 | 0.00                         |
| 10/12/05 16:00 | 0.00                         |
| 10/23/05 15:45 | 0.10                         |
| 10/31/05 12:00 | 0.10                         |
| 10/31/05 12:15 | 0.30                         |
| 10/31/05 12:45 | 0.10                         |
| 10/31/05 13:15 | 0.10                         |
| 11/01/05 00:15 | 0.00                         |
| 11/26/05 10:15 | 0.10                         |
| 11/26/05 10:45 | 0.10                         |
| 11/26/05 12:00 | 0.10                         |
| 12/01/05 00:15 | 0.00                         |
| 12/08/05 11:15 | 0.00                         |
| 12/08/05 12:15 | 0.00                         |
| 12/13/05 21:00 | 0.10                         |
| 12/20/05 10:45 | 0.10                         |
| 12/20/05 13:45 | 0.10                         |
| 01/01/06 00:15 | 0.00                         |
| 01/12/06 07:45 | 0.00                         |
| 01/12/06 09:00 | 0.00                         |
| 02/01/06 00:15 | 0.00                         |
| 02/03/06 08:00 | 0.00                         |
| 02/03/06 08:45 | 0.00                         |
| 02/07/06 08:00 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 02/07/06 08:30 | 0.00                         |
| 03/01/06 00:15 | 0.00                         |
| 03/01/06 08:00 | 0.00                         |
| 03/01/06 09:15 | 0.00                         |
| 04/01/06 00:15 | 0.00                         |
| 04/02/06 09:00 | 0.00                         |
| 04/02/06 09:15 | 0.00                         |
| 05/01/06 00:15 | 0.00                         |
| 05/01/06 09:00 | 0.00                         |
| 05/02/06 08:00 | 0.00                         |
| 05/08/06 08:00 | 0.00                         |
| 05/29/06 11:30 | 0.00                         |
| 06/01/06 00:15 | 0.00                         |
| 06/01/06 08:00 | 0.00                         |
| 06/01/06 08:15 | 0.00                         |
| 06/01/06 12:00 | 0.00                         |
| 06/01/06 12:15 | 0.00                         |
| 06/04/06 15:45 | 0.10                         |
| 06/04/06 16:15 | 0.00                         |
| 06/18/06 02:30 | 0.10                         |
| 06/18/06 03:30 | 0.10                         |
| 06/18/06 10:30 | 0.00                         |
| 06/24/06 03:45 | 0.30                         |
| 06/24/06 04:00 | 0.10                         |
| 06/24/06 04:15 | 0.20                         |
| 06/24/06 04:30 | 0.10                         |
| 07/01/06 00:15 | 0.00                         |
| 07/02/06 20:45 | 0.10                         |
| 07/03/06 12:45 | 0.00                         |
| 07/03/06 13:45 | 0.00                         |
| 07/04/06 16:15 | 0.20                         |
| 07/04/06 16:30 | 0.10                         |
| 07/04/06 16:45 | 0.10                         |
| 07/05/06 14:30 | 0.20                         |
| 07/06/06 07:30 | 0.10                         |
| 07/09/06 05:45 | 0.00                         |
| 07/23/06 14:00 | 0.00                         |
| 07/23/06 14:15 | 0.00                         |
| 08/01/06 00:15 | 0.00                         |
| 08/06/06 16:15 | 0.20                         |
| 08/06/06 16:30 | 0.10                         |
| 08/07/06 13:15 | 0.20                         |
| 08/12/06 10:00 | 0.00                         |
| 08/12/06 11:15 | 0.00                         |
| 08/12/06 16:15 | 0.50                         |
| 08/12/06 16:30 | 0.40                         |
| 08/12/06 16:45 | 0.20                         |
| 08/28/06 10:15 | 0.10                         |
| 08/28/06 11:00 | 0.10                         |
| 08/28/06 11:30 | 0.10                         |
| 08/28/06 12:30 | 0.10                         |
| 09/01/06 00:15 | 0.00                         |
| 09/04/06 07:45 | 0.10                         |
| 09/04/06 10:15 | 0.10                         |
| 09/04/06 17:45 | 0.10                         |
| 09/04/06 19:45 | 0.10                         |
| 09/17/06 06:45 | 0.10                         |
| 09/17/06 13:30 | 0.50                         |
| 09/17/06 14:45 | 0.10                         |
| 09/17/06 17:00 | 0.10                         |
| 09/17/06 17:45 | 0.10                         |
| 09/17/06 18:00 | 0.20                         |
| 09/17/06 18:15 | 0.10                         |
| 09/17/06 19:15 | 0.10                         |
| 09/23/06 11:15 | 0.10                         |
| 10/01/06 00:15 | 0.00                         |
| 10/03/06 08:15 | 0.00                         |
| 10/10/06 08:30 | 0.10                         |
| 10/10/06 09:00 | 0.10                         |
| 10/10/06 09:30 | 0.10                         |
| 10/10/06 09:45 | 0.10                         |
| 10/10/06 10:15 | 0.10                         |
| 10/10/06 10:30 | 0.10                         |
| 10/10/06 10:45 | 0.10                         |
| 10/10/06 11:00 | 0.10                         |
| 10/10/06 11:45 | 0.10                         |
| 10/15/06 11:00 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 10/15/06 12:15 | 0.10                         |
| 10/15/06 13:30 | 0.10                         |
| 10/15/06 17:00 | 0.10                         |
| 10/15/06 17:15 | 0.10                         |
| 10/15/06 17:30 | 0.10                         |
| 10/15/06 17:45 | 0.10                         |
| 10/15/06 18:30 | 0.10                         |
| 10/15/06 19:30 | 0.10                         |
| 10/15/06 21:00 | 0.10                         |
| 10/15/06 22:00 | 0.10                         |
| 10/15/06 23:15 | 0.10                         |
| 10/16/06 00:15 | 0.20                         |
| 10/16/06 00:30 | 0.30                         |
| 10/16/06 01:00 | 0.10                         |
| 10/16/06 01:15 | 0.20                         |
| 10/16/06 01:30 | 0.20                         |
| 10/16/06 01:45 | 0.20                         |
| 10/16/06 02:00 | 0.10                         |
| 10/16/06 02:15 | 0.10                         |
| 10/16/06 03:00 | 0.10                         |
| 10/16/06 04:30 | 0.10                         |
| 10/16/06 05:00 | 0.10                         |
| 10/16/06 05:15 | 0.20                         |
| 10/16/06 05:30 | 0.20                         |
| 10/16/06 05:45 | 0.20                         |
| 10/16/06 06:30 | 0.10                         |
| 10/16/06 07:15 | 0.10                         |
| 10/16/06 07:45 | 0.10                         |
| 10/16/06 09:30 | 0.10                         |
| 10/25/06 03:00 | 0.10                         |
| 10/25/06 06:45 | 0.10                         |
| 10/25/06 08:00 | 0.10                         |
| 10/25/06 08:45 | 0.10                         |
| 10/25/06 11:30 | 0.10                         |
| 10/25/06 13:45 | 0.10                         |
| 11/01/06 00:15 | 0.00                         |
| 11/05/06 17:45 | 0.10                         |
| 11/05/06 19:45 | 0.10                         |
| 11/05/06 23:00 | 0.10                         |
| 11/05/06 23:15 | 0.10                         |
| 11/05/06 23:30 | 0.10                         |
| 11/05/06 23:45 | 0.30                         |
| 11/06/06 00:30 | 0.20                         |
| 11/06/06 00:45 | 0.20                         |
| 11/06/06 01:00 | 0.10                         |
| 11/06/06 01:15 | 0.10                         |
| 11/06/06 04:30 | 0.10                         |
| 11/07/06 09:00 | 0.00                         |
| 11/07/06 10:15 | 0.00                         |
| 11/30/06 00:45 | 0.10                         |
| 11/30/06 02:30 | 0.10                         |
| 11/30/06 03:15 | 0.20                         |
| 11/30/06 03:30 | 0.10                         |
| 11/30/06 03:45 | 0.10                         |
| 11/30/06 04:15 | 0.10                         |
| 12/01/06 00:15 | 0.00                         |
| 12/01/06 08:00 | 0.00                         |
| 12/01/06 08:15 | 0.00                         |
| 12/01/06 12:00 | 0.00                         |
| 12/01/06 12:15 | 0.00                         |
| 12/10/06 23:45 | 0.10                         |
| 12/18/06 08:30 | 0.00                         |
| 12/18/06 08:45 | 0.00                         |
| 01/01/07 00:15 | 0.00                         |
| 02/01/07 00:15 | 0.00                         |
| 03/01/07 00:15 | 0.00                         |
| 04/01/07 00:15 | 0.00                         |
| 04/10/07 13:00 | 0.00                         |
| 04/10/07 13:15 | 0.00                         |
| 04/10/07 13:30 | 0.00                         |
| 04/14/07 19:15 | 0.10                         |
| 04/14/07 19:30 | 0.60                         |
| 04/14/07 20:30 | 0.10                         |
| 04/18/07 13:45 | 0.10                         |
| 04/18/07 19:30 | 0.10                         |
| 04/18/07 20:15 | 0.10                         |
| 04/18/07 20:30 | 0.20                         |



| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 04/25/07 11:45 | 0.10                         |
| 04/25/07 15:45 | 0.10                         |
| 04/25/07 16:00 | 0.20                         |
| 04/25/07 16:15 | 0.10                         |
| 04/25/07 16:30 | 0.10                         |
| 04/25/07 21:45 | 0.10                         |
| 04/25/07 22:30 | 0.20                         |
| 04/25/07 22:45 | 0.10                         |
| 04/26/07 00:30 | 0.10                         |
| 04/29/07 23:15 | 0.00                         |
| 04/29/07 23:30 | 0.00                         |
| 04/29/07 23:45 | 0.00                         |
| 05/01/07 00:15 | 0.00                         |
| 05/01/07 01:30 | 0.00                         |
| 05/01/07 01:45 | 0.00                         |
| 05/03/07 05:30 | 0.10                         |
| 05/03/07 07:15 | 0.10                         |
| 05/04/07 19:30 | 1.30                         |
| 05/04/07 20:00 | 0.30                         |
| 05/04/07 20:45 | 0.10                         |
| 05/05/07 04:15 | 0.10                         |
| 05/10/07 03:00 | 0.10                         |
| 05/11/07 19:15 | 0.30                         |
| 05/11/07 19:30 | 0.20                         |
| 05/11/07 19:45 | 0.10                         |
| 05/12/07 01:15 | 0.10                         |
| 05/12/07 08:45 | 0.10                         |
| 05/23/07 09:45 | 0.10                         |
| 05/24/07 02:45 | 0.10                         |
| 05/26/07 16:45 | 0.10                         |
| 05/26/07 17:00 | 0.10                         |
| 05/26/07 17:15 | 0.10                         |
| 05/26/07 18:15 | 0.10                         |
| 05/26/07 19:00 | 0.10                         |
| 05/27/07 06:30 | 0.10                         |
| 05/27/07 12:15 | 0.10                         |
| 05/27/07 13:30 | 0.10                         |
| 05/27/07 14:30 | 0.10                         |
| 05/27/07 14:45 | 0.10                         |
| 05/27/07 16:00 | 0.10                         |
| 05/27/07 16:15 | 0.30                         |
| 05/27/07 16:30 | 0.20                         |
| 05/27/07 16:45 | 0.10                         |
| 05/27/07 17:30 | 0.10                         |
| 05/27/07 18:30 | 0.10                         |
| 05/27/07 19:00 | 0.10                         |
| 05/27/07 19:30 | 0.10                         |
| 05/27/07 20:00 | 0.10                         |
| 05/28/07 15:30 | 0.10                         |
| 05/29/07 05:45 | 0.10                         |
| 05/29/07 06:45 | 0.30                         |
| 05/29/07 07:00 | 0.20                         |
| 05/29/07 08:00 | 0.10                         |
| 05/29/07 08:15 | 0.10                         |
| 05/29/07 08:30 | 0.10                         |
| 05/29/07 08:45 | 0.30                         |
| 05/29/07 14:30 | 0.00                         |
| 05/29/07 19:45 | 0.30                         |
| 05/29/07 20:00 | 0.10                         |
| 05/30/07 07:45 | 0.30                         |
| 05/30/07 08:00 | 0.30                         |
| 05/30/07 08:15 | 0.20                         |
| 05/30/07 08:30 | 0.10                         |
| 05/30/07 12:45 | 0.30                         |
| 05/30/07 13:00 | 0.30                         |
| 05/30/07 13:30 | 0.10                         |
| 05/31/07 21:30 | 0.10                         |
| 06/01/07 00:15 | 0.00                         |
| 06/01/07 07:30 | 0.00                         |
| 06/01/07 08:15 | 0.00                         |
| 06/02/07 01:00 | 0.10                         |
| 06/02/07 01:15 | 0.30                         |
| 06/02/07 02:15 | 0.10                         |
| 06/02/07 02:45 | 0.10                         |
| 06/03/07 08:45 | 0.10                         |
| 06/03/07 09:00 | 0.20                         |
| 06/03/07 09:45 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 06/04/07 14:45 | 0.40                         |
| 06/04/07 15:15 | 0.10                         |
| 06/04/07 15:30 | 0.50                         |
| 06/04/07 15:45 | 0.70                         |
| 06/04/07 16:00 | 0.50                         |
| 06/04/07 16:15 | 0.10                         |
| 06/16/07 07:30 | 0.10                         |
| 06/16/07 07:45 | 0.60                         |
| 06/16/07 08:00 | 0.20                         |
| 06/16/07 08:15 | 0.10                         |
| 06/16/07 08:45 | 0.10                         |
| 06/16/07 11:45 | 0.10                         |
| 06/16/07 19:30 | 0.20                         |
| 06/16/07 19:45 | 0.20                         |
| 06/17/07 09:45 | 0.10                         |
| 06/17/07 10:00 | 0.20                         |
| 06/17/07 10:15 | 0.10                         |
| 06/17/07 10:30 | 0.10                         |
| 06/18/07 00:15 | 0.10                         |
| 06/18/07 10:00 | 0.20                         |
| 06/21/07 00:45 | 0.10                         |
| 06/21/07 01:15 | 0.10                         |
| 06/21/07 03:45 | 0.10                         |
| 06/22/07 16:15 | 0.10                         |
| 06/25/07 09:30 | 0.10                         |
| 06/25/07 12:30 | 0.10                         |
| 06/25/07 21:00 | 0.10                         |
| 06/25/07 21:15 | 0.20                         |
| 06/26/07 10:15 | 0.10                         |
| 06/26/07 10:30 | 0.10                         |
| 06/26/07 15:15 | 0.20                         |
| 06/26/07 15:30 | 0.10                         |
| 06/26/07 16:00 | 0.10                         |
| 06/26/07 16:45 | 0.10                         |
| 06/26/07 19:30 | 0.30                         |
| 06/26/07 19:45 | 0.10                         |
| 06/26/07 20:30 | 0.10                         |
| 06/26/07 21:15 | 0.10                         |
| 06/27/07 04:15 | 0.10                         |
| 06/27/07 05:15 | 0.10                         |
| 06/27/07 05:30 | 0.10                         |
| 06/27/07 05:45 | 0.10                         |
| 06/27/07 06:00 | 0.10                         |
| 06/27/07 06:15 | 0.10                         |
| 06/27/07 06:45 | 0.10                         |
| 06/27/07 07:00 | 0.30                         |
| 06/27/07 07:15 | 0.10                         |
| 06/27/07 07:30 | 0.30                         |
| 06/27/07 07:45 | 0.60                         |
| 06/27/07 08:00 | 0.10                         |
| 06/27/07 08:15 | 0.10                         |
| 06/27/07 13:45 | 0.10                         |
| 06/27/07 18:30 | 0.10                         |
| 06/27/07 18:45 | 0.30                         |
| 06/27/07 19:00 | 0.10                         |
| 06/28/07 04:15 | 0.10                         |
| 06/28/07 07:30 | 0.10                         |
| 06/28/07 08:00 | 0.00                         |
| 06/28/07 11:30 | 0.10                         |
| 06/28/07 11:45 | 0.20                         |
| 06/28/07 13:00 | 0.10                         |
| 06/28/07 14:45 | 0.30                         |
| 06/30/07 18:30 | 0.30                         |
| 07/01/07 00:15 | 0.00                         |
| 07/01/07 02:30 | 0.10                         |
| 07/02/07 13:00 | 0.20                         |
| 07/02/07 16:30 | 0.10                         |
| 07/02/07 18:45 | 0.10                         |
| 07/03/07 09:45 | 0.10                         |
| 07/03/07 10:15 | 0.10                         |
| 07/03/07 11:30 | 0.10                         |
| 07/04/07 08:00 | 0.00                         |
| 07/04/07 08:30 | 0.00                         |
| 07/04/07 08:45 | 0.00                         |
| 07/04/07 18:00 | 0.00                         |
| 07/05/07 11:30 | 0.10                         |
| 07/05/07 11:45 | 0.40                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 07/05/07 12:00 | 0.20                         |
| 07/05/07 12:15 | 0.30                         |
| 07/05/07 12:30 | 0.30                         |
| 07/05/07 12:45 | 0.10                         |
| 07/05/07 13:00 | 0.10                         |
| 07/05/07 13:15 | 0.10                         |
| 07/05/07 14:30 | 0.10                         |
| 07/05/07 14:45 | 0.10                         |
| 07/05/07 15:15 | 0.10                         |
| 07/05/07 16:15 | 0.10                         |
| 07/05/07 17:00 | 0.10                         |
| 07/10/07 09:15 | 0.10                         |
| 07/10/07 21:15 | 0.10                         |
| 07/12/07 11:15 | 0.10                         |
| 07/13/07 17:45 | 0.10                         |
| 07/22/07 17:30 | 0.10                         |
| 07/23/07 07:00 | 0.00                         |
| 07/26/07 18:30 | 0.10                         |
| 07/27/07 12:45 | 0.10                         |
| 07/28/07 03:15 | 0.00                         |
| 07/28/07 07:30 | 0.00                         |
| 08/01/07 00:15 | 0.00                         |
| 08/01/07 08:15 | 0.10                         |
| 08/01/07 08:45 | 0.10                         |
| 08/01/07 16:30 | 0.20                         |
| 08/01/07 16:45 | 0.60                         |
| 08/01/07 17:00 | 0.20                         |
| 08/01/07 17:15 | 0.50                         |
| 08/01/07 17:30 | 0.10                         |
| 08/01/07 17:45 | 0.10                         |
| 08/01/07 18:15 | 0.10                         |
| 08/09/07 08:00 | 0.00                         |
| 08/17/07 19:15 | 0.10                         |
| 08/29/07 16:30 | 0.00                         |
| 09/01/07 00:15 | 0.00                         |
| 09/05/07 01:15 | 0.10                         |
| 09/05/07 02:00 | 0.10                         |
| 09/05/07 02:45 | 0.10                         |
| 09/05/07 03:00 | 0.10                         |
| 09/05/07 03:45 | 0.20                         |
| 09/05/07 04:15 | 0.10                         |
| 09/05/07 04:30 | 0.10                         |
| 09/05/07 05:15 | 0.10                         |
| 09/05/07 06:00 | 0.10                         |
| 09/05/07 06:15 | 0.10                         |
| 09/05/07 06:45 | 0.10                         |
| 09/05/07 07:15 | 0.10                         |
| 09/05/07 07:30 | 0.10                         |
| 09/05/07 08:15 | 0.10                         |
| 09/05/07 08:30 | 0.10                         |
| 09/05/07 09:30 | 0.10                         |
| 09/06/07 09:00 | 0.00                         |
| 09/06/07 10:15 | 0.00                         |
| 09/09/07 14:15 | 0.10                         |
| 09/09/07 14:30 | 0.50                         |
| 09/09/07 14:45 | 0.20                         |
| 09/09/07 15:00 | 0.10                         |
| 09/10/07 09:45 | 0.10                         |
| 09/10/07 10:30 | 0.10                         |
| 09/10/07 11:00 | 0.10                         |
| 09/10/07 11:30 | 0.10                         |
| 09/10/07 12:15 | 0.10                         |
| 09/10/07 12:45 | 0.10                         |
| 09/26/07 16:15 | 0.10                         |
| 09/27/07 14:15 | 0.10                         |
| 10/01/07 00:15 | 0.00                         |
| 10/02/07 08:45 | 0.00                         |
| 10/02/07 09:15 | 0.00                         |
| 10/03/07 06:00 | 0.20                         |
| 10/03/07 06:15 | 0.10                         |
| 10/03/07 06:30 | 0.10                         |
| 10/03/07 06:45 | 0.10                         |
| 10/03/07 08:45 | 0.10                         |
| 10/03/07 09:00 | 0.10                         |
| 10/03/07 09:15 | 0.10                         |
| 10/03/07 09:30 | 0.20                         |
| 10/03/07 09:45 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 10/03/07 10:00 | 0.10                         |
| 10/03/07 10:30 | 0.00                         |
| 10/14/07 23:15 | 0.10                         |
| 10/15/07 01:00 | 0.10                         |
| 10/15/07 01:15 | 0.10                         |
| 10/15/07 01:30 | 0.30                         |
| 10/15/07 01:45 | 0.60                         |
| 10/15/07 02:00 | 0.20                         |
| 10/15/07 07:45 | 0.30                         |
| 10/15/07 08:00 | 0.40                         |
| 10/15/07 08:15 | 0.50                         |
| 10/15/07 08:30 | 0.10                         |
| 10/15/07 09:15 | 0.10                         |
| 10/15/07 10:00 | 0.10                         |
| 10/16/07 07:30 | 0.00                         |
| 10/16/07 08:15 | 0.00                         |
| 10/22/07 07:15 | 0.10                         |
| 10/22/07 07:45 | 0.10                         |
| 10/22/07 08:30 | 0.10                         |
| 10/22/07 09:30 | 0.10                         |
| 10/22/07 11:00 | 0.10                         |
| 12/01/07 00:15 | 0.00                         |
| 01/01/08 00:15 | 0.00                         |
| 01/10/08 09:00 | 0.00                         |
| 01/10/08 09:15 | 0.00                         |
| 01/10/08 09:30 | 0.00                         |
| 01/21/08 13:30 | 0.10                         |
| 01/25/08 05:00 | 0.10                         |
| 01/25/08 09:45 | 0.10                         |
| 01/27/08 12:00 | 0.10                         |
| 01/27/08 15:45 | 0.00                         |
| 01/28/08 03:30 | 0.00                         |
| 02/01/08 00:15 | 0.00                         |
| 02/05/08 05:00 | 0.10                         |
| 02/05/08 05:15 | 0.30                         |
| 02/05/08 14:30 | 0.20                         |
| 02/06/08 08:30 | 0.00                         |
| 02/06/08 08:45 | 0.00                         |
| 03/01/08 00:15 | 0.00                         |
| 03/01/08 09:00 | 0.00                         |
| 03/01/08 09:15 | 0.00                         |
| 03/01/08 09:30 | 0.00                         |
| 03/02/08 19:15 | 0.10                         |
| 03/03/08 03:45 | 0.10                         |
| 03/03/08 04:00 | 0.10                         |
| 03/03/08 04:15 | 0.10                         |
| 03/03/08 04:30 | 0.10                         |
| 03/03/08 05:15 | 0.10                         |
| 03/03/08 06:00 | 0.10                         |
| 03/03/08 06:15 | 0.10                         |
| 03/03/08 06:45 | 0.10                         |
| 03/03/08 10:45 | 0.10                         |
| 03/03/08 22:15 | 0.10                         |
| 03/05/08 08:30 | 0.00                         |
| 03/05/08 09:00 | 0.00                         |
| 03/06/08 11:00 | 0.10                         |
| 03/06/08 11:30 | 0.10                         |
| 03/06/08 12:00 | 0.10                         |
| 03/06/08 13:00 | 0.10                         |
| 03/06/08 13:45 | 0.10                         |
| 03/06/08 14:45 | 0.10                         |
| 03/06/08 15:00 | 0.10                         |
| 03/06/08 15:15 | 0.10                         |
| 03/06/08 15:45 | 0.10                         |
| 03/06/08 16:15 | 0.10                         |
| 03/06/08 16:45 | 0.10                         |
| 03/09/08 20:45 | 0.10                         |
| 03/09/08 21:30 | 0.10                         |
| 03/09/08 22:45 | 0.10                         |
| 03/09/08 23:30 | 0.10                         |
| 03/09/08 23:45 | 0.10                         |
| 03/10/08 00:45 | 0.10                         |
| 03/10/08 01:45 | 0.10                         |
| 03/10/08 02:00 | 0.10                         |
| 03/18/08 09:15 | 0.10                         |
| 03/18/08 09:30 | 0.10                         |
| 03/18/08 09:45 | 0.20                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 03/18/08 10:00 | 0.10                         |
| 03/18/08 10:15 | 0.20                         |
| 03/18/08 10:45 | 0.10                         |
| 03/18/08 11:00 | 0.10                         |
| 03/18/08 11:15 | 0.20                         |
| 03/18/08 11:30 | 0.40                         |
| 03/18/08 11:45 | 0.20                         |
| 03/18/08 12:00 | 0.10                         |
| 03/18/08 12:15 | 0.20                         |
| 03/18/08 12:30 | 0.20                         |
| 03/18/08 12:45 | 0.30                         |
| 03/18/08 13:00 | 0.10                         |
| 03/18/08 13:15 | 0.10                         |
| 03/18/08 13:30 | 0.10                         |
| 03/18/08 13:45 | 0.50                         |
| 03/18/08 14:00 | 0.10                         |
| 03/18/08 14:30 | 0.10                         |
| 03/18/08 14:45 | 0.50                         |
| 03/18/08 15:00 | 0.30                         |
| 03/18/08 15:15 | 0.10                         |
| 03/18/08 15:30 | 0.10                         |
| 03/18/08 15:45 | 0.10                         |
| 03/18/08 17:00 | 0.10                         |
| 03/18/08 17:30 | 0.10                         |
| 03/18/08 18:30 | 0.10                         |
| 03/18/08 19:30 | 0.10                         |
| 03/18/08 20:15 | 0.10                         |
| 03/18/08 23:00 | 0.10                         |
| 03/18/08 23:45 | 0.10                         |
| 03/19/08 01:45 | 0.10                         |
| 03/19/08 03:00 | 0.10                         |
| 04/01/08 00:15 | 0.00                         |
| 04/03/08 06:30 | 0.00                         |
| 04/03/08 06:45 | 0.00                         |
| 04/03/08 08:00 | 0.00                         |
| 04/03/08 08:15 | 0.00                         |
| 04/03/08 08:30 | 0.00                         |
| 04/04/08 04:15 | 0.30                         |
| 04/04/08 05:30 | 0.10                         |
| 04/04/08 05:45 | 0.10                         |
| 04/04/08 06:00 | 0.10                         |
| 04/04/08 06:15 | 0.10                         |
| 04/04/08 07:00 | 0.10                         |
| 04/09/08 02:15 | 0.10                         |
| 04/09/08 03:00 | 0.20                         |
| 04/09/08 03:15 | 0.30                         |
| 04/09/08 03:30 | 0.10                         |
| 04/09/08 03:45 | 0.40                         |
| 04/09/08 04:00 | 0.20                         |
| 04/09/08 19:00 | 0.10                         |
| 04/10/08 04:30 | 0.10                         |
| 04/10/08 04:45 | 0.40                         |
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| 04/17/08 22:15 | 0.30                         |
| 04/17/08 22:30 | 0.10                         |
| 04/17/08 22:45 | 0.10                         |
| 04/17/08 23:45 | 0.10                         |
| 04/23/08 21:30 | 0.10                         |
| 04/23/08 22:45 | 0.10                         |
| 04/23/08 23:00 | 0.10                         |
| 04/23/08 23:15 | 0.20                         |
| 04/23/08 23:30 | 0.10                         |
| 04/24/08 00:30 | 0.10                         |
| 04/24/08 00:45 | 0.10                         |
| 04/24/08 01:15 | 0.10                         |
| 04/27/08 09:15 | 0.10                         |
| 04/27/08 13:30 | 0.00                         |
| 05/01/08 00:15 | 0.00                         |
| 05/05/08 13:15 | 0.10                         |
| 05/05/08 15:15 | 0.20                         |
| 05/05/08 15:30 | 0.10                         |
| 05/05/08 15:45 | 0.40                         |
| 05/05/08 16:00 | 0.20                         |
| 05/06/08 09:30 | 0.20                         |
| 05/06/08 09:45 | 0.10                         |
| 05/13/08 14:45 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 05/13/08 15:15 | 0.00                         |
| 05/14/08 08:00 | 0.10                         |
| 05/14/08 08:45 | 0.20                         |
| 05/14/08 12:15 | 0.00                         |
| 05/14/08 20:30 | 0.10                         |
| 05/14/08 20:45 | 0.10                         |
| 05/14/08 21:15 | 0.10                         |
| 05/27/08 09:00 | 0.20                         |
| 05/27/08 09:15 | 0.50                         |
| 05/27/08 09:30 | 0.50                         |
| 05/27/08 09:45 | 0.30                         |
| 05/27/08 10:00 | 0.10                         |
| 05/27/08 10:15 | 0.10                         |
| 05/27/08 10:45 | 0.10                         |
| 05/27/08 11:15 | 0.10                         |
| 06/01/08 00:15 | 0.00                         |
| 06/04/08 05:30 | 0.00                         |
| 06/04/08 05:45 | 0.00                         |
| 06/04/08 08:00 | 0.00                         |
| 06/04/08 08:30 | 0.00                         |
| 06/04/08 13:00 | 0.00                         |
| 06/06/08 04:30 | 0.10                         |
| 06/09/08 17:30 | 0.10                         |
| 06/09/08 17:45 | 0.10                         |
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| 06/10/08 02:30 | 0.10                         |
| 06/10/08 06:15 | 0.40                         |
| 06/10/08 06:30 | 0.10                         |
| 06/10/08 07:15 | 0.10                         |
| 06/14/08 11:00 | 0.30                         |
| 06/14/08 11:15 | 0.10                         |
| 06/17/08 12:15 | 0.20                         |
| 06/17/08 12:30 | 0.50                         |
| 06/17/08 12:45 | 0.10                         |
| 06/17/08 14:30 | 0.10                         |
| 06/19/08 10:45 | 0.10                         |
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| 07/03/08 10:00 | 0.00                         |
| 07/03/08 10:15 | 0.00                         |
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| 09/02/08 17:00 | 0.10                         |
| 09/03/08 09:00 | 0.10                         |
| 09/08/08 12:00 | 0.00                         |
| 09/08/08 12:15 | 0.00                         |
| 09/08/08 12:30 | 0.00                         |
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| 09/09/08 13:45 | 0.20                         |
| 09/09/08 14:30 | 0.10                         |
| 09/09/08 15:00 | 0.10                         |
| 09/09/08 16:00 | 0.10                         |
| 09/11/08 10:00 | 0.10                         |
| 09/13/08 13:45 | 0.10                         |
| 09/13/08 15:00 | 0.10                         |
| 09/13/08 15:15 | 0.10                         |
| 09/13/08 15:30 | 0.10                         |
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| 09/13/08 16:00 | 0.10                         |
| 09/13/08 16:15 | 0.20                         |
| 09/13/08 16:45 | 0.10                         |
| 09/13/08 17:00 | 0.10                         |
| 09/13/08 17:15 | 0.30                         |
| 09/13/08 17:45 | 0.10                         |
| 09/20/08 09:00 | 0.00                         |
| 09/20/08 09:30 | 0.10                         |
| 09/20/08 09:45 | 0.20                         |
| 09/25/08 10:30 | 0.00                         |
| 09/29/08 10:00 | 0.00                         |
| 11/01/08 00:15 | 0.00                         |
| 12/01/08 00:15 | 0.00                         |
| 01/01/09 00:15 | 0.00                         |
| 03/01/09 00:15 | 0.00                         |
| 06/01/09 00:15 | 0.00                         |
| 07/01/09 00:15 | 0.00                         |
| 07/01/09 08:45 | 0.00                         |
| 07/01/09 09:15 | 0.00                         |
| 08/01/09 00:15 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 09/01/09 00:15 | 0.00                         |
| 09/01/09 08:00 | 0.00                         |
| 09/01/09 09:15 | 0.00                         |
| 09/01/09 09:30 | 0.00                         |
| 09/29/09 09:00 | 0.00                         |
| 09/29/09 09:15 | 0.00                         |
| 09/29/09 13:30 | 0.00                         |
| 10/01/09 00:15 | 0.00                         |
| 10/01/09 11:00 | 0.00                         |
| 10/01/09 18:15 | 0.10                         |
| 10/03/09 19:45 | 0.10                         |
| 10/03/09 20:00 | 0.10                         |
| 10/03/09 22:00 | 0.10                         |
| 10/03/09 22:30 | 0.10                         |
| 10/03/09 23:00 | 0.10                         |
| 10/04/09 00:15 | 0.10                         |
| 10/04/09 03:15 | 0.10                         |
| 10/04/09 04:15 | 0.10                         |
| 10/04/09 06:15 | 0.10                         |
| 10/04/09 08:30 | 0.10                         |
| 10/06/09 13:45 | 0.10                         |
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| 10/06/09 23:30 | 0.10                         |
| 10/09/09 02:45 | 0.20                         |
| 10/09/09 03:00 | 0.10                         |
| 10/09/09 03:15 | 0.50                         |
| 10/09/09 03:30 | 0.20                         |
| 10/09/09 03:45 | 0.10                         |
| 10/09/09 04:15 | 0.30                         |
| 10/09/09 05:15 | 0.10                         |
| 10/09/09 06:00 | 0.10                         |
| 10/09/09 06:30 | 0.10                         |
| 10/09/09 07:15 | 0.10                         |
| 10/09/09 07:45 | 0.10                         |
| 10/09/09 08:30 | 0.10                         |
| 10/09/09 09:30 | 0.10                         |
| 10/11/09 19:00 | 0.10                         |
| 10/11/09 19:15 | 0.10                         |
| 10/11/09 23:45 | 0.10                         |
| 10/12/09 01:30 | 0.10                         |
| 10/12/09 01:45 | 0.10                         |
| 10/13/09 03:45 | 0.30                         |
| 10/13/09 04:45 | 0.20                         |
| 10/13/09 08:45 | 0.10                         |
| 10/13/09 10:15 | 0.10                         |
| 10/13/09 13:30 | 0.10                         |
| 10/21/09 09:15 | 0.10                         |
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| 10/21/09 20:45 | 0.10                         |
| 10/21/09 23:00 | 0.10                         |
| 10/22/09 00:45 | 0.00                         |
| 10/22/09 01:00 | 0.00                         |
| 10/22/09 02:45 | 0.10                         |
| 10/22/09 03:15 | 0.10                         |
| 10/22/09 04:15 | 0.10                         |
| 10/22/09 05:15 | 0.10                         |
| 10/22/09 06:45 | 0.10                         |
| 10/22/09 09:45 | 0.10                         |
| 10/25/09 23:30 | 0.20                         |
| 10/25/09 23:45 | 0.10                         |
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| 10/26/09 13:00 | 0.10                         |
| 10/26/09 15:00 | 0.10                         |
| 10/26/09 20:45 | 0.10                         |
| 10/26/09 23:30 | 0.10                         |
| 10/27/09 00:45 | 0.10                         |
| 10/27/09 02:45 | 0.10                         |
| 10/27/09 11:30 | 0.00                         |
| 10/28/09 15:45 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 10/29/09 11:45 | 0.10                         |
| 10/29/09 12:30 | 0.30                         |
| 10/29/09 14:45 | 0.10                         |
| 11/01/09 00:15 | 0.00                         |
| 11/13/09 09:15 | 0.00                         |
| 11/15/09 18:15 | 0.20                         |
| 11/15/09 18:30 | 0.20                         |
| 11/15/09 19:30 | 0.10                         |
| 11/15/09 21:00 | 0.10                         |
| 11/15/09 21:45 | 0.10                         |
| 11/15/09 22:00 | 0.10                         |
| 11/20/09 03:45 | 0.10                         |
| 11/20/09 04:00 | 0.40                         |
| 11/20/09 04:15 | 0.20                         |
| 11/20/09 04:30 | 0.20                         |
| 11/20/09 04:45 | 0.10                         |
| 11/20/09 05:00 | 0.30                         |
| 11/20/09 05:15 | 0.50                         |
| 11/20/09 05:45 | 0.10                         |
| 11/20/09 06:15 | 0.10                         |
| 11/20/09 06:30 | 0.10                         |
| 11/20/09 07:30 | 0.10                         |
| 11/20/09 09:00 | 0.10                         |
| 11/20/09 10:30 | 0.10                         |
| 11/20/09 11:15 | 0.10                         |
| 11/20/09 12:30 | 0.10                         |
| 11/29/09 16:00 | 0.10                         |
| 12/01/09 00:15 | 0.00                         |
| 12/01/09 18:15 | 0.10                         |
| 12/01/09 20:00 | 0.10                         |
| 12/01/09 20:30 | 0.10                         |
| 12/01/09 21:15 | 0.10                         |
| 12/01/09 22:00 | 0.10                         |
| 12/01/09 22:30 | 0.10                         |
| 12/01/09 23:45 | 0.10                         |
| 12/02/09 01:30 | 0.10                         |
| 12/02/09 02:45 | 0.10                         |
| 12/02/09 03:30 | 0.10                         |
| 12/02/09 04:30 | 0.10                         |
| 12/02/09 08:00 | 0.10                         |
| 12/02/09 17:45 | 0.10                         |
| 12/07/09 22:30 | 0.10                         |
| 12/08/09 19:15 | 0.00                         |
| 12/12/09 07:15 | 0.10                         |
| 12/13/09 06:45 | 0.10                         |
| 12/14/09 06:45 | 0.00                         |
| 12/14/09 09:30 | 0.00                         |
| 12/14/09 10:00 | 0.00                         |
| 12/14/09 11:45 | 0.00                         |
| 12/14/09 12:00 | 0.00                         |
| 12/22/09 18:00 | 0.10                         |
| 12/23/09 08:15 | 0.10                         |
| 12/23/09 11:15 | 0.10                         |
| 12/23/09 15:15 | 0.10                         |
| 12/23/09 15:30 | 0.10                         |
| 12/28/09 23:45 | 0.10                         |
| 12/29/09 01:15 | 0.10                         |
| 12/29/09 03:00 | 0.10                         |
| 12/29/09 12:00 | 0.10                         |
| 12/31/09 01:15 | 0.10                         |
| 01/01/10 00:15 | 0.00                         |
| 01/04/10 03:45 | 0.00                         |
| 01/04/10 04:00 | 0.00                         |
| 01/05/10 07:00 | 0.00                         |
| 01/05/10 07:45 | 0.00                         |
| 02/01/10 00:15 | 0.00                         |
| 02/17/10 09:00 | 0.00                         |
| 02/17/10 09:15 | 0.00                         |
| 02/17/10 09:30 | 0.00                         |
| 02/21/10 10:00 | 0.10                         |
| 02/21/10 11:30 | 0.10                         |
| 02/25/10 09:15 | 0.00                         |
| 03/01/10 00:15 | 0.00                         |
| 03/01/10 03:30 | 0.10                         |
| 03/01/10 04:30 | 0.10                         |
| 03/01/10 05:30 | 0.10                         |
| 03/01/10 06:15 | 0.10                         |



| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 03/01/10 08:00 | 0.00                         |
| 03/01/10 09:45 | 0.10                         |
| 03/01/10 10:15 | 0.00                         |
| 03/01/10 10:30 | 0.10                         |
| 03/01/10 14:00 | 0.10                         |
| 03/01/10 19:30 | 0.10                         |
| 03/07/10 13:00 | 0.10                         |
| 03/08/10 12:30 | 0.10                         |
| 03/08/10 13:30 | 0.10                         |
| 03/08/10 15:00 | 0.10                         |
| 03/08/10 17:45 | 0.10                         |
| 03/09/10 03:30 | 0.10                         |
| 03/09/10 22:45 | 0.00                         |
| 03/10/10 08:45 | 0.10                         |
| 03/10/10 12:00 | 0.10                         |
| 03/16/10 07:45 | 0.00                         |
| 03/16/10 08:15 | 0.00                         |
| 03/20/10 04:30 | 0.10                         |
| 03/20/10 05:45 | 0.10                         |
| 03/20/10 06:30 | 0.10                         |
| 03/20/10 07:45 | 0.10                         |
| 03/20/10 08:15 | 0.10                         |
| 03/20/10 08:45 | 0.10                         |
| 03/20/10 09:15 | 0.10                         |
| 03/20/10 09:45 | 0.10                         |
| 03/21/10 10:30 | 0.10                         |
| 03/23/10 13:45 | 0.00                         |
| 03/23/10 19:00 | 0.00                         |
| 03/24/10 19:45 | 0.40                         |
| 03/24/10 20:15 | 0.10                         |
| 03/24/10 21:00 | 0.10                         |
| 03/24/10 21:45 | 0.10                         |
| 03/24/10 22:30 | 0.10                         |
| 04/01/10 00:15 | 0.00                         |
| 04/02/10 13:30 | 0.10                         |
| 04/13/10 20:15 | 0.00                         |
| 04/17/10 04:30 | 0.10                         |
| 04/17/10 20:15 | 0.10                         |
| 04/17/10 21:15 | 0.10                         |
| 04/17/10 22:45 | 0.10                         |
| 04/18/10 05:45 | 0.10                         |
| 04/18/10 06:00 | 0.10                         |
| 04/18/10 06:30 | 0.10                         |
| 04/23/10 09:30 | 0.10                         |
| 04/24/10 01:15 | 0.10                         |
| 04/24/10 01:45 | 0.10                         |
| 04/24/10 02:00 | 0.10                         |
| 04/24/10 02:15 | 0.10                         |
| 04/24/10 02:45 | 0.10                         |
| 04/24/10 06:45 | 0.10                         |
| 05/01/10 00:15 | 0.00                         |
| 05/03/10 19:15 | 0.10                         |
| 05/03/10 20:30 | 0.10                         |
| 05/05/10 15:00 | 0.00                         |
| 05/05/10 15:30 | 0.10                         |
| 05/09/10 05:00 | 0.10                         |
| 05/09/10 07:30 | 0.10                         |
| 05/12/10 08:00 | 0.00                         |
| 05/12/10 08:15 | 0.00                         |
| 06/01/10 00:15 | 0.00                         |
| 07/01/10 00:15 | 0.00                         |
| 08/01/10 00:15 | 0.00                         |
| 08/10/10 15:30 | 0.00                         |
| 08/10/10 15:45 | 0.00                         |
| 08/10/10 16:00 | 0.00                         |
| 08/18/10 12:15 | 0.10                         |
| 08/25/10 04:45 | 0.10                         |
| 08/25/10 13:45 | 0.10                         |
| 08/28/10 01:15 | 0.00                         |
| 08/29/10 10:45 | 0.10                         |
| 09/01/10 00:15 | 0.00                         |
| 09/01/10 19:45 | 0.10                         |
| 09/02/10 08:30 | 0.10                         |
| 09/02/10 14:30 | 0.10                         |
| 09/02/10 15:00 | 0.10                         |
| 09/07/10 07:15 | 0.10                         |
| 09/07/10 08:15 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 09/07/10 11:00 | 0.10                         |
| 09/07/10 17:00 | 0.10                         |
| 09/07/10 17:15 | 0.10                         |
| 09/08/10 01:15 | 0.10                         |
| 09/08/10 02:15 | 0.10                         |
| 09/08/10 03:45 | 0.10                         |
| 09/08/10 04:15 | 0.10                         |
| 09/08/10 04:30 | 0.10                         |
| 09/08/10 04:45 | 0.10                         |
| 09/08/10 05:30 | 0.10                         |
| 09/08/10 06:00 | 0.10                         |
| 09/08/10 07:00 | 0.10                         |
| 09/08/10 08:00 | 0.10                         |
| 09/08/10 09:00 | 0.10                         |
| 09/08/10 09:30 | 0.10                         |
| 09/08/10 10:15 | 0.10                         |
| 09/08/10 10:45 | 0.10                         |
| 09/08/10 11:00 | 0.10                         |
| 09/08/10 11:30 | 0.10                         |
| 09/08/10 12:00 | 0.10                         |
| 09/08/10 12:15 | 0.20                         |
| 09/08/10 12:30 | 0.10                         |
| 09/08/10 12:45 | 0.30                         |
| 09/08/10 13:00 | 0.70                         |
| 09/08/10 13:15 | 0.20                         |
| 09/08/10 13:30 | 0.10                         |
| 09/08/10 15:30 | 0.10                         |
| 09/09/10 01:15 | 0.10                         |
| 09/09/10 02:30 | 0.10                         |
| 09/09/10 07:30 | 0.10                         |
| 09/09/10 09:00 | 0.10                         |
| 09/09/10 09:15 | 0.30                         |
| 09/09/10 09:30 | 0.20                         |
| 09/09/10 11:00 | 0.10                         |
| 09/14/10 20:00 | 0.10                         |
| 09/14/10 20:30 | 0.20                         |
| 09/14/10 20:45 | 0.10                         |
| 09/25/10 05:45 | 0.10                         |
| 09/25/10 06:00 | 0.10                         |
| 09/25/10 06:15 | 0.30                         |
| 09/25/10 06:30 | 0.10                         |
| 09/25/10 07:30 | 0.10                         |
| 09/25/10 08:45 | 0.10                         |
| 09/25/10 13:00 | 0.10                         |
| 10/01/10 00:15 | 0.00                         |
| 10/11/10 06:30 | 0.20                         |
| 10/11/10 06:45 | 0.20                         |
| 10/11/10 07:00 | 0.10                         |
| 10/11/10 07:15 | 0.10                         |
| 10/23/10 10:00 | 0.10                         |
| 10/23/10 14:15 | 0.10                         |
| 10/23/10 14:30 | 0.20                         |
| 10/23/10 14:45 | 0.40                         |
| 10/23/10 15:00 | 0.20                         |
| 10/23/10 15:45 | 0.10                         |
| 10/23/10 16:15 | 0.10                         |
| 10/23/10 16:30 | 0.20                         |
| 10/23/10 16:45 | 0.10                         |
| 10/23/10 17:00 | 0.10                         |
| 10/23/10 17:30 | 0.10                         |
| 11/01/10 00:15 | 0.00                         |
| 11/02/10 10:30 | 0.10                         |
| 11/02/10 10:45 | 0.20                         |
| 11/02/10 11:00 | 0.10                         |
| 11/02/10 11:15 | 0.10                         |
| 11/02/10 11:30 | 0.10                         |
| 11/02/10 12:00 | 0.10                         |
| 11/02/10 12:15 | 0.10                         |
| 11/02/10 12:45 | 0.10                         |
| 11/02/10 13:15 | 0.10                         |
| 11/02/10 13:45 | 0.10                         |
| 11/02/10 14:00 | 0.10                         |
| 11/02/10 14:15 | 0.10                         |
| 11/02/10 15:15 | 0.10                         |
| 11/02/10 15:30 | 0.10                         |
| 11/02/10 17:30 | 0.10                         |
| 11/02/10 18:15 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 11/02/10 18:45 | 0.10                         |
| 11/02/10 19:00 | 0.10                         |
| 11/02/10 20:00 | 0.10                         |
| 11/02/10 21:00 | 0.10                         |
| 11/02/10 21:30 | 0.10                         |
| 11/02/10 22:30 | 0.10                         |
| 11/03/10 00:45 | 0.10                         |
| 11/03/10 02:15 | 0.10                         |
| 11/03/10 04:30 | 0.10                         |
| 11/03/10 07:00 | 0.10                         |
| 11/03/10 07:45 | 0.10                         |
| 11/11/10 19:45 | 0.10                         |
| 11/12/10 15:00 | 0.10                         |
| 11/12/10 15:15 | 0.10                         |
| 11/12/10 17:45 | 0.10                         |
| 11/15/10 10:30 | 0.00                         |
| 11/15/10 11:00 | 0.00                         |
| 11/29/10 05:15 | 0.10                         |
| 11/29/10 14:15 | 0.00                         |
| 11/30/10 23:15 | 0.00                         |
| 12/01/10 00:15 | 0.00                         |
| 12/24/10 13:00 | 0.10                         |
| 12/24/10 13:15 | 0.10                         |
| 12/24/10 14:15 | 0.10                         |
| 12/24/10 15:15 | 0.10                         |
| 12/24/10 15:45 | 0.10                         |
| 12/24/10 16:30 | 0.10                         |
| 12/24/10 21:15 | 0.10                         |
| 12/28/10 09:30 | 0.10                         |
| 12/28/10 11:00 | 0.10                         |
| 12/28/10 12:00 | 0.10                         |
| 12/28/10 15:00 | 0.10                         |
| 12/28/10 19:45 | 0.10                         |
| 12/28/10 23:45 | 0.10                         |
| 12/29/10 00:30 | 0.10                         |
| 12/29/10 01:00 | 0.10                         |
| 12/29/10 01:15 | 0.10                         |
| 12/29/10 04:00 | 0.10                         |
| 12/29/10 06:45 | 0.10                         |
| 12/31/10 06:45 | 0.10                         |
| 01/01/11 00:15 | 0.00                         |
| 01/09/11 05:00 | 0.10                         |
| 01/09/11 05:45 | 0.10                         |
| 01/09/11 06:30 | 0.10                         |
| 01/09/11 07:15 | 0.10                         |
| 01/09/11 08:00 | 0.10                         |
| 01/09/11 08:45 | 0.10                         |
| 01/09/11 09:15 | 0.10                         |
| 01/09/11 10:00 | 0.10                         |
| 01/09/11 10:45 | 0.10                         |
| 01/09/11 11:15 | 0.10                         |
| 01/09/11 15:30 | 0.10                         |
| 01/12/11 12:30 | 0.10                         |
| 01/15/11 10:45 | 0.10                         |
| 01/16/11 04:30 | 0.10                         |
| 01/16/11 13:00 | 0.10                         |
| 01/27/11 17:30 | 0.00                         |
| 01/31/11 23:30 | 0.10                         |
| 02/01/11 00:15 | 0.00                         |
| 02/01/11 02:00 | 0.10                         |
| 02/01/11 05:00 | 0.10                         |
| 02/05/11 12:30 | 0.10                         |
| 02/05/11 13:00 | 0.10                         |
| 02/05/11 14:00 | 0.10                         |
| 02/09/11 04:15 | 0.10                         |
| 02/12/11 19:30 | 0.00                         |
| 02/13/11 15:30 | 0.00                         |
| 02/14/11 18:45 | 0.00                         |
| 02/24/11 08:45 | 0.10                         |
| 02/24/11 11:15 | 0.20                         |
| 02/24/11 12:45 | 0.10                         |
| 02/28/11 03:15 | 0.00                         |
| 02/28/11 03:30 | 0.00                         |
| 03/01/11 00:15 | 0.00                         |
| 04/01/11 00:15 | 0.00                         |
| 04/15/11 11:15 | 0.00                         |
| 04/15/11 11:30 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 04/15/11 11:45 | 0.00                         |
| 04/19/11 17:30 | 0.10                         |
| 04/19/11 17:45 | 0.20                         |
| 04/23/11 23:15 | 0.00                         |
| 04/24/11 15:00 | 0.10                         |
| 04/24/11 17:30 | 0.00                         |
| 04/24/11 21:30 | 0.10                         |
| 04/24/11 21:45 | 0.20                         |
| 04/24/11 22:00 | 0.10                         |
| 04/25/11 03:45 | 0.10                         |
| 04/25/11 09:30 | 0.10                         |
| 04/25/11 10:00 | 0.10                         |
| 04/25/11 11:00 | 0.10                         |
| 04/25/11 11:15 | 0.10                         |
| 04/29/11 17:30 | 0.10                         |
| 04/29/11 17:45 | 0.20                         |
| 05/01/11 00:15 | 0.00                         |
| 05/01/11 22:00 | 0.20                         |
| 05/02/11 02:15 | 0.10                         |
| 05/02/11 03:15 | 0.10                         |
| 05/02/11 04:00 | 0.10                         |
| 05/02/11 04:15 | 0.10                         |
| 05/02/11 05:00 | 0.10                         |
| 05/02/11 05:30 | 0.10                         |
| 05/02/11 05:45 | 0.10                         |
| 05/02/11 06:30 | 0.10                         |
| 05/02/11 07:00 | 0.10                         |
| 05/02/11 07:30 | 0.10                         |
| 05/02/11 08:30 | 0.10                         |
| 05/02/11 09:00 | 0.10                         |
| 05/02/11 10:00 | 0.10                         |
| 05/02/11 11:00 | 0.10                         |
| 05/02/11 12:00 | 0.10                         |
| 05/02/11 12:45 | 0.10                         |
| 05/02/11 14:00 | 0.10                         |
| 05/03/11 06:45 | 0.00                         |
| 05/03/11 09:00 | 0.00                         |
| 05/03/11 09:30 | 0.00                         |
| 05/04/11 10:15 | 0.00                         |
| 05/04/11 10:30 | 0.00                         |
| 05/04/11 15:30 | 0.00                         |
| 05/04/11 16:15 | 0.00                         |
| 05/04/11 19:45 | 0.00                         |
| 05/04/11 20:30 | 0.00                         |
| 05/11/11 13:00 | 0.50                         |
| 05/11/11 13:15 | 0.20                         |
| 05/11/11 13:30 | 0.30                         |
| 05/11/11 14:45 | 0.10                         |
| 05/11/11 15:15 | 0.10                         |
| 05/11/11 15:30 | 0.10                         |
| 05/11/11 15:45 | 0.10                         |
| 05/11/11 16:45 | 0.10                         |
| 05/11/11 17:00 | 0.10                         |
| 05/11/11 17:45 | 0.10                         |
| 05/11/11 18:00 | 0.10                         |
| 05/12/11 00:45 | 0.00                         |
| 05/12/11 12:00 | 0.00                         |
| 05/12/11 14:30 | 0.00                         |
| 05/16/11 15:15 | 0.00                         |
| 05/16/11 16:15 | 0.00                         |
| 05/17/11 08:45 | 0.00                         |
| 05/17/11 09:00 | 0.00                         |
| 05/17/11 20:30 | 0.00                         |
| 05/17/11 22:30 | 0.00                         |
| 05/20/11 00:15 | 0.00                         |
| 05/20/11 04:00 | 0.10                         |
| 05/20/11 11:30 | 0.20                         |
| 05/20/11 12:15 | 0.00                         |
| 05/20/11 12:30 | 0.50                         |
| 05/20/11 15:45 | 0.10                         |
| 05/22/11 01:30 | 0.00                         |
| 05/22/11 02:00 | 0.00                         |
| 05/22/11 03:15 | 0.00                         |
| 05/22/11 15:30 | 0.20                         |
| 05/22/11 23:45 | 0.00                         |
| 05/23/11 14:00 | 0.00                         |
| 05/23/11 23:15 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 05/23/11 23:45 | 0.00                         |
| 05/24/11 00:15 | 0.00                         |
| 05/24/11 05:30 | 0.20                         |
| 05/24/11 07:15 | 0.60                         |
| 05/24/11 07:30 | 0.10                         |
| 05/30/11 22:30 | 0.00                         |
| 05/30/11 22:45 | 0.00                         |
| 07/01/11 00:15 | 0.00                         |
| 08/01/11 00:00 | 0.00                         |
| 08/01/11 00:15 | 0.00                         |
| 08/24/11 11:15 | 0.00                         |
| 08/24/11 11:30 | 0.00                         |
| 08/24/11 11:45 | 0.00                         |
| 09/01/11 00:15 | 0.00                         |
| 09/16/11 20:45 | 0.10                         |
| 09/17/11 11:45 | 0.10                         |
| 09/17/11 12:45 | 0.00                         |
| 09/17/11 14:45 | 0.00                         |
| 09/18/11 17:00 | 0.10                         |
| 09/18/11 17:30 | 0.50                         |
| 09/19/11 03:45 | 0.10                         |
| 09/19/11 04:00 | 0.10                         |
| 09/19/11 04:45 | 0.00                         |
| 09/19/11 05:15 | 0.10                         |
| 09/21/11 00:15 | 0.10                         |
| 09/22/11 14:30 | 0.00                         |
| 09/22/11 16:15 | 0.00                         |
| 09/22/11 18:15 | 0.00                         |
| 09/22/11 18:45 | 0.00                         |
| 09/22/11 20:00 | 0.00                         |
| 09/22/11 20:15 | 0.00                         |
| 09/22/11 20:30 | 0.00                         |
| 09/22/11 22:00 | 0.00                         |
| 09/22/11 22:45 | 0.00                         |
| 09/23/11 17:45 | 0.00                         |
| 09/28/11 17:45 | 0.10                         |
| 09/28/11 19:15 | 0.00                         |
| 09/29/11 05:15 | 0.10                         |
| 10/01/11 00:15 | 0.00                         |
| 10/02/11 11:00 | 0.00                         |
| 10/02/11 11:15 | 0.00                         |
| 10/03/11 07:45 | 0.00                         |
| 10/07/11 00:15 | 0.00                         |
| 10/24/11 00:00 | 0.00                         |
| 10/27/11 16:15 | 0.00                         |
| 10/28/11 07:45 | 0.00                         |
| 10/28/11 08:00 | 0.00                         |
| 10/28/11 08:15 | 0.10                         |
| 10/28/11 08:45 | 0.00                         |
| 10/28/11 10:00 | 0.30                         |
| 10/28/11 12:00 | 0.00                         |
| 10/28/11 12:15 | 0.00                         |
| 10/29/11 19:45 | 0.00                         |
| 10/30/11 17:00 | 0.00                         |
| 10/30/11 17:15 | 0.00                         |
| 10/30/11 19:15 | 0.00                         |
| 10/30/11 22:00 | 0.00                         |
| 10/31/11 12:00 | 0.00                         |
| 10/31/11 12:15 | 0.00                         |
| 10/31/11 13:15 | 0.00                         |
| 10/31/11 19:45 | 0.00                         |
| 11/01/11 00:00 | 0.00                         |
| 11/01/11 00:15 | 0.00                         |
| 11/01/11 01:15 | 0.00                         |
| 11/02/11 08:00 | 0.00                         |
| 11/02/11 09:30 | 0.00                         |
| 11/02/11 10:00 | 0.00                         |
| 11/02/11 10:15 | 0.00                         |
| 11/02/11 20:45 | 0.10                         |
| 11/07/11 19:30 | 0.10                         |
| 11/07/11 20:45 | 0.20                         |
| 11/08/11 00:45 | 0.10                         |
| 11/08/11 07:45 | 0.10                         |
| 11/08/11 08:00 | 0.20                         |
| 11/10/11 07:00 | 0.10                         |
| 11/21/11 19:30 | 0.10                         |
| 11/21/11 20:45 | 0.20                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 11/21/11 21:00 | 0.20                         |
| 11/21/11 21:15 | 0.10                         |
| 11/21/11 23:15 | 0.10                         |
| 11/21/11 23:30 | 0.10                         |
| 11/22/11 00:30 | 0.10                         |
| 11/22/11 01:15 | 0.10                         |
| 11/22/11 01:45 | 0.10                         |
| 11/26/11 04:00 | 0.10                         |
| 11/26/11 05:30 | 0.10                         |
| 11/30/11 23:45 | 0.00                         |
| 12/01/11 00:00 | 0.00                         |
| 12/01/11 00:15 | 0.00                         |
| 12/02/11 02:45 | 0.00                         |
| 12/02/11 03:15 | 0.10                         |
| 12/03/11 15:30 | 0.10                         |
| 12/03/11 16:30 | 0.10                         |
| 12/03/11 18:15 | 0.10                         |
| 12/03/11 18:30 | 0.10                         |
| 12/03/11 18:45 | 0.10                         |
| 12/03/11 19:15 | 0.10                         |
| 12/03/11 20:00 | 0.10                         |
| 12/03/11 20:30 | 0.10                         |
| 12/03/11 21:00 | 0.20                         |
| 12/03/11 21:15 | 0.10                         |
| 12/03/11 21:30 | 0.10                         |
| 12/03/11 22:00 | 0.10                         |
| 12/03/11 22:45 | 0.10                         |
| 12/03/11 23:45 | 0.10                         |
| 12/04/11 01:00 | 0.10                         |
| 12/04/11 01:45 | 0.10                         |
| 12/04/11 03:00 | 0.10                         |
| 12/04/11 04:00 | 0.10                         |
| 12/04/11 04:45 | 0.10                         |
| 12/04/11 05:15 | 0.10                         |
| 12/04/11 05:30 | 0.10                         |
| 12/04/11 06:45 | 0.10                         |
| 12/04/11 10:00 | 0.10                         |
| 12/04/11 11:15 | 0.10                         |
| 12/04/11 14:30 | 0.10                         |
| 12/04/11 15:30 | 0.10                         |
| 12/04/11 18:00 | 0.10                         |
| 12/05/11 03:15 | 0.10                         |
| 12/05/11 03:30 | 0.10                         |
| 12/05/11 04:00 | 0.10                         |
| 12/05/11 04:15 | 0.10                         |
| 12/05/11 04:30 | 0.10                         |
| 12/05/11 05:00 | 0.10                         |
| 12/05/11 05:15 | 0.10                         |
| 12/05/11 06:15 | 0.10                         |
| 12/14/11 17:00 | 0.10                         |
| 12/14/11 20:00 | 0.10                         |
| 12/14/11 20:15 | 0.20                         |
| 12/14/11 20:30 | 0.10                         |
| 12/15/11 11:30 | 0.10                         |
| 12/15/11 15:00 | 0.10                         |
| 12/15/11 15:45 | 0.10                         |
| 12/15/11 18:15 | 0.10                         |
| 12/16/11 01:45 | 0.10                         |
| 12/19/11 17:30 | 0.30                         |
| 12/19/11 17:45 | 0.10                         |
| 12/19/11 18:30 | 0.10                         |
| 12/19/11 19:15 | 0.10                         |
| 12/19/11 19:30 | 0.10                         |
| 12/24/11 16:45 | 0.10                         |
| 12/31/11 23:45 | 0.00                         |
| 01/01/12 00:00 | 0.00                         |
| 01/01/12 00:15 | 0.00                         |
| 01/09/12 01:00 | 0.00                         |
| 01/09/12 01:45 | 0.10                         |
| 01/09/12 02:00 | 0.10                         |
| 01/09/12 02:30 | 0.10                         |
| 01/09/12 02:45 | 0.10                         |
| 01/09/12 03:00 | 0.10                         |
| 01/09/12 05:15 | 0.10                         |
| 01/09/12 11:30 | 0.10                         |
| 01/09/12 13:00 | 0.10                         |
| 01/09/12 14:00 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 01/09/12 14:45 | 0.10                         |
| 01/09/12 15:00 | 0.10                         |
| 01/10/12 01:15 | 0.10                         |
| 01/10/12 02:00 | 0.10                         |
| 01/10/12 03:15 | 0.30                         |
| 01/10/12 05:30 | 0.10                         |
| 01/11/12 04:30 | 0.10                         |
| 01/24/12 18:45 | 0.10                         |
| 01/24/12 19:15 | 0.10                         |
| 01/24/12 19:45 | 0.50                         |
| 01/24/12 20:00 | 0.60                         |
| 01/24/12 20:15 | 0.40                         |
| 01/24/12 20:30 | 0.20                         |
| 01/24/12 21:00 | 0.10                         |
| 01/25/12 00:00 | 0.10                         |
| 01/25/12 01:45 | 0.10                         |
| 01/25/12 02:00 | 0.10                         |
| 01/25/12 02:30 | 0.20                         |
| 01/25/12 02:45 | 0.20                         |
| 01/25/12 04:15 | 0.10                         |
| 01/25/12 04:45 | 0.10                         |
| 01/25/12 05:00 | 0.10                         |
| 01/25/12 05:30 | 0.10                         |
| 01/25/12 05:45 | 0.10                         |
| 01/25/12 06:00 | 0.10                         |
| 01/25/12 06:15 | 0.10                         |
| 01/25/12 06:30 | 0.10                         |
| 01/25/12 06:45 | 0.10                         |
| 01/25/12 07:00 | 0.10                         |
| 01/25/12 07:15 | 0.10                         |
| 01/25/12 07:30 | 0.10                         |
| 01/25/12 07:45 | 0.10                         |
| 01/25/12 08:00 | 0.10                         |
| 01/25/12 08:15 | 0.10                         |
| 01/25/12 08:30 | 0.10                         |
| 01/25/12 08:45 | 0.10                         |
| 01/25/12 09:00 | 0.10                         |
| 01/25/12 09:15 | 0.10                         |
| 01/25/12 09:30 | 0.10                         |
| 01/25/12 09:45 | 0.10                         |
| 01/25/12 10:00 | 0.10                         |
| 01/26/12 04:00 | 0.10                         |
| 01/26/12 07:15 | 0.10                         |
| 01/29/12 01:45 | 0.10                         |
| 02/01/12 00:00 | 0.00                         |
| 02/01/12 00:15 | 0.00                         |
| 02/03/12 07:15 | 0.00                         |
| 02/03/12 21:30 | 0.20                         |
| 02/10/12 00:30 | 0.10                         |
| 02/11/12 07:00 | 0.10                         |
| 02/13/12 08:15 | 0.10                         |
| 02/13/12 09:30 | 0.10                         |
| 02/15/12 10:30 | 0.10                         |
| 02/18/12 02:45 | 0.10                         |
| 02/18/12 04:15 | 0.10                         |
| 02/18/12 04:45 | 0.10                         |
| 02/18/12 05:30 | 0.10                         |
| 02/18/12 06:15 | 0.10                         |
| 02/18/12 07:30 | 0.10                         |
| 02/18/12 14:30 | 0.10                         |
| 02/18/12 15:00 | 0.10                         |
| 02/18/12 16:15 | 0.10                         |
| 02/18/12 17:45 | 0.10                         |
| 02/18/12 18:15 | 0.10                         |
| 02/18/12 19:30 | 0.10                         |
| 02/29/12 23:45 | 0.00                         |
| 03/01/12 00:00 | 0.00                         |
| 03/01/12 00:15 | 0.00                         |
| 03/01/12 01:15 | 0.00                         |
| 03/01/12 09:15 | 0.00                         |
| 04/01/12 00:00 | 0.00                         |
| 04/01/12 00:15 | 0.00                         |
| 05/01/12 00:00 | 0.00                         |
| 05/01/12 00:15 | 0.00                         |
| 05/02/12 10:30 | 0.00                         |
| 05/02/12 10:45 | 0.00                         |
| 05/05/12 01:45 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 05/08/12 00:00 | 0.20                         |
| 05/08/12 00:15 | 0.20                         |
| 05/08/12 00:30 | 0.10                         |
| 05/08/12 01:30 | 0.10                         |
| 05/11/12 03:15 | 0.10                         |
| 05/11/12 12:15 | 0.10                         |
| 05/11/12 12:45 | 0.10                         |
| 05/11/12 13:00 | 0.20                         |
| 05/11/12 13:15 | 0.10                         |
| 05/11/12 13:30 | 0.20                         |
| 05/11/12 14:15 | 0.10                         |
| 05/11/12 15:15 | 0.10                         |
| 05/28/12 22:30 | 0.10                         |
| 05/28/12 22:45 | 0.30                         |
| 05/28/12 23:00 | 0.10                         |
| 05/28/12 23:15 | 0.10                         |
| 05/28/12 23:30 | 0.10                         |
| 05/30/12 03:00 | 0.20                         |
| 05/30/12 03:15 | 0.10                         |
| 05/30/12 04:30 | 0.60                         |
| 05/30/12 04:45 | 0.10                         |
| 05/30/12 10:15 | 0.10                         |
| 05/30/12 23:15 | 0.30                         |
| 05/30/12 23:30 | 0.10                         |
| 05/31/12 04:30 | 0.10                         |
| 05/31/12 23:45 | 0.00                         |
| 06/01/12 00:00 | 0.00                         |
| 06/01/12 00:15 | 0.00                         |
| 06/04/12 19:15 | 0.00                         |
| 06/04/12 19:30 | 0.10                         |
| 06/06/12 15:15 | 0.30                         |
| 06/06/12 15:30 | 0.20                         |
| 06/06/12 15:45 | 0.20                         |
| 06/06/12 16:00 | 0.40                         |
| 06/06/12 16:15 | 0.30                         |
| 06/06/12 16:30 | 1.00                         |
| 06/06/12 16:45 | 0.20                         |
| 06/06/12 17:00 | 0.10                         |
| 06/06/12 17:30 | 0.20                         |
| 06/06/12 17:45 | 0.20                         |
| 06/06/12 18:15 | 0.10                         |
| 06/06/12 19:30 | 0.10                         |
| 06/06/12 20:00 | 0.10                         |
| 06/06/12 20:30 | 0.10                         |
| 06/06/12 21:30 | 0.10                         |
| 06/07/12 00:30 | 0.10                         |
| 06/07/12 02:45 | 0.10                         |
| 06/07/12 06:30 | 0.10                         |
| 06/07/12 10:15 | 0.10                         |
| 06/13/12 19:45 | 0.10                         |
| 06/13/12 20:00 | 0.10                         |
| 06/13/12 20:15 | 0.10                         |
| 06/19/12 14:45 | 0.00                         |
| 07/01/12 00:00 | 0.00                         |
| 07/01/12 00:15 | 0.00                         |
| 07/07/12 16:30 | 0.00                         |
| 07/08/12 17:30 | 0.10                         |
| 07/09/12 07:00 | 0.10                         |
| 07/13/12 01:15 | 0.00                         |
| 07/16/12 00:00 | 0.00                         |
| 07/18/12 09:00 | 0.00                         |
| 07/23/12 08:00 | 0.00                         |
| 07/23/12 08:15 | 0.00                         |
| 08/01/12 00:00 | 0.00                         |
| 08/01/12 00:15 | 0.00                         |
| 08/05/12 15:15 | 0.10                         |
| 08/08/12 09:00 | 0.40                         |
| 08/08/12 09:15 | 0.10                         |
| 08/08/12 09:45 | 0.10                         |
| 08/08/12 10:15 | 0.20                         |
| 08/08/12 11:00 | 0.10                         |
| 08/14/12 21:45 | 0.10                         |
| 08/14/12 22:15 | 0.10                         |
| 08/14/12 23:00 | 0.10                         |
| 08/14/12 23:45 | 0.10                         |
| 08/15/12 00:30 | 0.10                         |
| 08/15/12 01:15 | 0.10                         |



| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 08/15/12 02:00 | 0.10                         |
| 08/15/12 03:30 | 0.10                         |
| 08/16/12 09:30 | 0.00                         |
| 08/16/12 09:45 | 0.00                         |
| 08/16/12 10:00 | 0.00                         |
| 08/16/12 10:15 | 0.00                         |
| 08/16/12 10:45 | 0.00                         |
| 08/16/12 11:00 | 0.00                         |
| 08/17/12 00:00 | 0.20                         |
| 08/17/12 22:00 | 0.10                         |
| 08/17/12 22:15 | 0.10                         |
| 08/18/12 00:30 | 0.30                         |
| 08/18/12 00:45 | 0.70                         |
| 08/18/12 01:00 | 0.70                         |
| 08/18/12 01:15 | 0.60                         |
| 08/18/12 01:30 | 0.30                         |
| 08/18/12 01:45 | 0.10                         |
| 08/18/12 04:15 | 0.10                         |
| 08/18/12 17:30 | 0.10                         |
| 08/18/12 17:45 | 0.20                         |
| 08/18/12 19:15 | 0.10                         |
| 08/26/12 07:30 | 0.10                         |
| 08/31/12 23:45 | 0.00                         |
| 09/01/12 00:00 | 0.00                         |
| 09/01/12 00:15 | 0.00                         |
| 09/08/12 04:00 | 0.00                         |
| 09/16/12 13:00 | 0.10                         |
| 09/16/12 15:00 | 0.00                         |
| 09/29/12 06:00 | 0.10                         |
| 09/29/12 11:30 | 0.10                         |
| 09/29/12 12:15 | 0.10                         |
| 09/29/12 13:15 | 0.10                         |
| 09/29/12 15:00 | 0.10                         |
| 09/29/12 15:15 | 0.10                         |
| 09/29/12 15:30 | 0.10                         |
| 09/29/12 15:45 | 0.10                         |
| 09/29/12 16:15 | 0.10                         |
| 09/29/12 16:30 | 0.10                         |
| 09/29/12 17:00 | 0.10                         |
| 09/29/12 17:45 | 0.10                         |
| 09/29/12 18:15 | 0.10                         |
| 09/29/12 19:45 | 0.10                         |
| 09/29/12 23:30 | 0.10                         |
| 09/30/12 00:45 | 0.10                         |
| 09/30/12 01:30 | 0.10                         |
| 09/30/12 07:30 | 0.10                         |
| 09/30/12 08:30 | 0.10                         |
| 09/30/12 23:45 | 0.00                         |
| 10/01/12 00:00 | 0.00                         |
| 10/01/12 00:15 | 0.00                         |
| 10/04/12 08:00 | 0.00                         |
| 10/13/12 00:15 | 0.00                         |
| 10/15/12 00:00 | 0.00                         |
| 11/01/12 00:00 | 0.00                         |
| 11/01/12 00:15 | 0.00                         |
| 12/01/12 00:00 | 0.00                         |
| 12/01/12 00:15 | 0.00                         |
| 01/01/13 00:00 | 0.00                         |
| 01/01/13 00:15 | 0.00                         |
| 02/01/13 00:00 | 0.00                         |
| 02/01/13 00:15 | 0.00                         |
| 03/01/13 00:00 | 0.00                         |
| 03/01/13 00:15 | 0.00                         |
| 04/01/13 00:00 | 0.00                         |
| 04/01/13 00:15 | 0.00                         |
| 05/01/13 00:00 | 0.00                         |
| 05/01/13 00:15 | 0.00                         |
| 06/01/13 00:00 | 0.00                         |
| 06/01/13 00:15 | 0.00                         |
| 07/01/13 00:00 | 0.00                         |
| 07/01/13 00:15 | 0.00                         |
| 08/01/13 00:00 | 0.00                         |
| 08/01/13 00:15 | 0.00                         |
| 09/01/13 00:00 | 0.00                         |
| 09/01/13 00:15 | 0.00                         |
| 10/01/13 00:00 | 0.00                         |
| 10/01/13 00:15 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 11/01/13 00:00 | 0.00                         |
| 11/01/13 00:15 | 0.00                         |
| 12/01/13 00:00 | 0.00                         |
| 12/01/13 00:15 | 0.00                         |
| 01/01/14 00:00 | 0.00                         |
| 01/01/84 00:15 | 0.00                         |
| 01/09/84 02:15 | 0.00                         |
| 01/09/84 02:30 | 0.00                         |
| 01/09/84 02:45 | 0.00                         |
| 01/09/84 03:00 | 0.00                         |
| 01/09/84 03:15 | 0.00                         |
| 01/09/84 03:30 | 0.00                         |
| 01/09/84 03:45 | 0.00                         |
| 01/09/84 04:00 | 0.00                         |
| 01/09/84 05:45 | 0.00                         |
| 01/09/84 08:30 | 0.00                         |
| 01/09/84 10:45 | 0.00                         |
| 01/09/84 12:15 | 0.00                         |
| 01/09/84 12:30 | 0.00                         |
| 01/09/84 12:45 | 0.00                         |
| 01/09/84 13:00 | 0.00                         |
| 01/09/84 13:15 | 0.00                         |
| 01/09/84 13:30 | 0.00                         |
| 01/09/84 13:45 | 0.00                         |
| 01/09/84 14:00 | 0.00                         |
| 01/09/84 14:15 | 0.00                         |
| 01/09/84 14:30 | 0.00                         |
| 01/09/84 14:45 | 0.00                         |
| 01/09/84 15:00 | 0.00                         |
| 01/09/84 15:15 | 0.00                         |
| 01/09/84 15:30 | 0.00                         |
| 01/09/84 15:45 | 0.00                         |
| 01/09/84 16:00 | 0.00                         |
| 01/09/84 16:15 | 0.00                         |
| 01/09/84 16:30 | 0.00                         |
| 01/09/84 16:45 | 0.00                         |
| 01/09/84 17:00 | 0.00                         |
| 01/09/84 17:15 | 0.00                         |
| 01/09/84 17:30 | 0.00                         |
| 01/09/84 17:45 | 0.00                         |
| 01/09/84 18:00 | 0.00                         |
| 01/09/84 18:15 | 0.00                         |
| 01/09/84 18:30 | 0.00                         |
| 01/09/84 18:45 | 0.00                         |
| 01/09/84 19:00 | 0.00                         |
| 01/09/84 19:15 | 0.00                         |
| 01/09/84 19:30 | 0.00                         |
| 01/09/84 19:45 | 0.00                         |
| 01/09/84 20:00 | 0.00                         |
| 01/09/84 20:30 | 0.00                         |
| 01/09/84 21:00 | 0.00                         |
| 01/09/84 21:30 | 0.00                         |
| 01/22/84 15:30 | 0.00                         |
| 01/22/84 16:00 | 0.00                         |
| 01/22/84 16:30 | 0.00                         |
| 01/22/84 17:00 | 0.00                         |
| 01/22/84 17:30 | 0.00                         |
| 01/22/84 18:00 | 0.00                         |
| 01/22/84 18:30 | 0.00                         |
| 01/22/84 19:00 | 0.00                         |
| 01/22/84 19:30 | 0.00                         |
| 01/22/84 20:00 | 0.00                         |
| 01/22/84 20:15 | 0.00                         |
| 01/22/84 20:30 | 0.00                         |
| 01/22/84 20:45 | 0.00                         |
| 01/22/84 21:00 | 0.00                         |
| 01/22/84 21:15 | 0.00                         |
| 01/22/84 21:30 | 0.00                         |
| 01/22/84 21:45 | 0.00                         |
| 01/22/84 22:00 | 0.00                         |
| 01/22/84 22:15 | 0.00                         |
| 01/22/84 22:30 | 0.00                         |
| 01/22/84 22:45 | 0.00                         |
| 01/22/84 23:00 | 0.00                         |
| 01/23/84 00:15 | 0.00                         |
| 01/23/84 01:30 | 0.00                         |
| 01/23/84 02:45 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 01/23/84 04:00 | 0.00                         |
| 02/01/84 00:15 | 0.00                         |
| 02/08/84 19:30 | 0.00                         |
| 02/08/84 19:45 | 0.00                         |
| 02/08/84 20:00 | 0.00                         |
| 02/08/84 20:15 | 0.00                         |
| 02/08/84 20:30 | 0.00                         |
| 02/08/84 20:45 | 0.00                         |
| 02/08/84 21:00 | 0.00                         |
| 02/08/84 21:15 | 0.00                         |
| 02/08/84 21:30 | 0.00                         |
| 02/08/84 21:45 | 0.00                         |
| 02/08/84 22:00 | 0.00                         |
| 02/08/84 22:15 | 0.00                         |
| 02/08/84 22:30 | 0.00                         |
| 02/08/84 22:45 | 0.00                         |
| 02/08/84 23:00 | 0.00                         |
| 02/08/84 23:15 | 0.00                         |
| 02/08/84 23:30 | 0.00                         |
| 02/08/84 23:45 | 0.00                         |
| 02/09/84 00:15 | 0.00                         |
| 02/09/84 00:30 | 0.00                         |
| 02/11/84 14:15 | 0.00                         |
| 02/11/84 16:00 | 0.00                         |
| 02/11/84 17:45 | 0.00                         |
| 02/11/84 18:45 | 0.00                         |
| 02/11/84 19:00 | 0.00                         |
| 02/11/84 19:15 | 0.00                         |
| 02/11/84 19:30 | 0.00                         |
| 02/11/84 19:45 | 0.00                         |
| 02/11/84 20:00 | 0.00                         |
| 02/11/84 20:15 | 0.00                         |
| 02/11/84 20:30 | 0.00                         |
| 02/11/84 20:45 | 0.00                         |
| 02/11/84 21:00 | 0.00                         |
| 02/11/84 21:15 | 0.00                         |
| 02/11/84 21:30 | 0.00                         |
| 02/11/84 21:45 | 0.00                         |
| 02/18/84 01:00 | 0.00                         |
| 02/18/84 02:30 | 0.01                         |
| 02/18/84 02:45 | 0.01                         |
| 02/18/84 03:00 | 0.01                         |
| 02/18/84 03:15 | 0.01                         |
| 02/18/84 03:30 | 0.01                         |
| 02/18/84 03:45 | 0.01                         |
| 02/18/84 04:00 | 0.01                         |
| 02/18/84 04:15 | 0.01                         |
| 02/18/84 04:30 | 0.01                         |
| 02/26/84 05:45 | 0.00                         |
| 02/26/84 06:00 | 0.00                         |
| 02/26/84 06:15 | 0.00                         |
| 02/26/84 06:30 | 0.00                         |
| 02/26/84 06:45 | 0.00                         |
| 02/26/84 07:00 | 0.01                         |
| 02/26/84 07:15 | 0.01                         |
| 02/26/84 07:30 | 0.01                         |
| 02/26/84 07:45 | 0.01                         |
| 02/26/84 08:00 | 0.01                         |
| 02/26/84 08:15 | 0.01                         |
| 02/26/84 08:30 | 0.01                         |
| 02/26/84 17:15 | 0.00                         |
| 02/26/84 17:30 | 0.00                         |
| 02/26/84 17:45 | 0.00                         |
| 02/26/84 18:00 | 0.00                         |
| 02/26/84 18:15 | 0.00                         |
| 02/26/84 18:30 | 0.00                         |
| 02/26/84 18:45 | 0.00                         |
| 02/26/84 19:00 | 0.00                         |
| 02/26/84 19:15 | 0.00                         |
| 02/26/84 19:30 | 0.00                         |
| 02/26/84 19:45 | 0.00                         |
| 02/26/84 20:00 | 0.00                         |
| 02/26/84 20:15 | 0.00                         |
| 02/26/84 20:30 | 0.00                         |
| 02/26/84 20:45 | 0.00                         |
| 02/26/84 21:00 | 0.00                         |
| 02/26/84 21:15 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 03/01/84 00:15 | 0.00                         |
| 03/11/84 21:00 | 0.00                         |
| 03/12/84 01:00 | 0.00                         |
| 03/13/84 01:00 | 0.00                         |
| 03/13/84 11:00 | 0.02                         |
| 03/15/84 08:00 | 0.00                         |
| 03/24/84 07:00 | 0.20                         |
| 03/27/84 08:00 | 0.00                         |
| 03/28/84 07:00 | 0.01                         |
| 04/01/84 00:15 | 0.00                         |
| 04/02/84 07:30 | 0.00                         |
| 04/02/84 08:00 | 0.00                         |
| 04/02/84 08:15 | 0.00                         |
| 04/02/84 08:30 | 0.00                         |
| 04/02/84 08:45 | 0.00                         |
| 04/02/84 09:00 | 0.00                         |
| 04/02/84 09:15 | 0.00                         |
| 04/02/84 09:30 | 0.00                         |
| 04/02/84 09:45 | 0.00                         |
| 04/02/84 10:00 | 0.00                         |
| 04/02/84 10:15 | 0.00                         |
| 04/02/84 10:30 | 0.00                         |
| 04/02/84 10:45 | 0.00                         |
| 04/02/84 11:00 | 0.00                         |
| 04/08/84 12:45 | 0.00                         |
| 04/08/84 14:00 | 0.00                         |
| 04/08/84 15:15 | 0.00                         |
| 04/08/84 15:45 | 0.00                         |
| 04/08/84 16:15 | 0.00                         |
| 04/08/84 16:30 | 0.00                         |
| 04/08/84 16:45 | 0.01                         |
| 04/08/84 17:00 | 0.01                         |
| 04/08/84 17:15 | 0.01                         |
| 04/08/84 17:30 | 0.00                         |
| 04/08/84 17:45 | 0.00                         |
| 04/08/84 18:00 | 0.00                         |
| 04/08/84 18:15 | 0.00                         |
| 04/08/84 18:30 | 0.00                         |
| 04/08/84 19:30 | 0.00                         |
| 04/20/84 19:30 | 0.00                         |
| 04/20/84 20:00 | 0.00                         |
| 04/20/84 20:45 | 0.00                         |
| 04/20/84 21:30 | 0.00                         |
| 04/29/84 10:00 | 0.00                         |
| 04/29/84 10:15 | 0.01                         |
| 04/29/84 10:30 | 0.01                         |
| 04/29/84 10:45 | 0.00                         |
| 04/29/84 12:45 | 0.00                         |
| 04/29/84 13:45 | 0.00                         |
| 05/01/84 00:15 | 0.00                         |
| 05/01/84 07:15 | 0.00                         |
| 05/02/84 07:00 | 0.00                         |
| 05/18/84 15:30 | 0.00                         |
| 05/18/84 16:00 | 0.01                         |
| 05/18/84 16:30 | 0.00                         |
| 05/18/84 17:00 | 0.00                         |
| 05/18/84 17:15 | 0.00                         |
| 05/18/84 17:30 | 0.00                         |
| 05/18/84 17:45 | 0.00                         |
| 05/18/84 18:00 | 0.00                         |
| 05/18/84 18:15 | 0.00                         |
| 05/18/84 18:30 | 0.00                         |
| 05/18/84 18:45 | 0.00                         |
| 05/18/84 19:00 | 0.00                         |
| 05/18/84 19:30 | 0.00                         |
| 05/18/84 20:15 | 0.00                         |
| 05/20/84 19:15 | 0.00                         |
| 05/20/84 19:30 | 0.00                         |
| 05/20/84 19:45 | 0.00                         |
| 05/20/84 20:00 | 0.00                         |
| 05/20/84 21:30 | 0.00                         |
| 05/28/84 22:15 | 0.00                         |
| 05/28/84 22:30 | 0.00                         |
| 05/28/84 22:45 | 0.02                         |
| 05/28/84 23:00 | 0.02                         |
| 05/28/84 23:15 | 0.01                         |
| 05/28/84 23:30 | 0.01                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 05/28/84 23:45 | 0.01                         |
| 05/29/84 00:15 | 0.00                         |
| 05/29/84 00:30 | 0.00                         |
| 05/29/84 00:45 | 0.00                         |
| 05/29/84 01:00 | 0.00                         |
| 05/29/84 01:30 | 0.00                         |
| 06/01/84 00:15 | 0.00                         |
| 06/06/84 01:30 | 0.00                         |
| 06/06/84 01:45 | 0.00                         |
| 06/06/84 02:00 | 0.01                         |
| 06/06/84 02:15 | 0.01                         |
| 06/06/84 02:30 | 0.01                         |
| 06/06/84 02:45 | 0.01                         |
| 06/06/84 03:00 | 0.01                         |
| 06/06/84 03:15 | 0.01                         |
| 06/06/84 03:30 | 0.01                         |
| 06/06/84 03:45 | 0.01                         |
| 06/06/84 04:00 | 0.02                         |
| 06/06/84 04:15 | 0.02                         |
| 06/06/84 04:30 | 0.02                         |
| 06/06/84 04:45 | 0.02                         |
| 06/06/84 05:00 | 0.02                         |
| 06/06/84 05:15 | 0.01                         |
| 06/06/84 05:30 | 0.00                         |
| 06/06/84 05:45 | 0.00                         |
| 06/06/84 06:00 | 0.00                         |
| 06/06/84 06:15 | 0.00                         |
| 06/06/84 06:30 | 0.00                         |
| 06/06/84 06:45 | 0.00                         |
| 06/06/84 07:00 | 0.00                         |
| 06/24/84 11:00 | 0.01                         |
| 06/24/84 11:15 | 0.01                         |
| 06/24/84 11:45 | 0.00                         |
| 06/29/84 16:15 | 0.01                         |
| 06/29/84 16:30 | 0.01                         |
| 06/29/84 17:00 | 0.00                         |
| 06/29/84 17:30 | 0.00                         |
| 06/29/84 18:15 | 0.00                         |
| 07/01/84 00:15 | 0.00                         |
| 07/13/84 18:45 | 0.00                         |
| 07/13/84 19:00 | 0.00                         |
| 07/13/84 19:15 | 0.00                         |
| 07/13/84 19:30 | 0.00                         |
| 07/13/84 19:45 | 0.00                         |
| 07/13/84 20:00 | 0.00                         |
| 07/13/84 20:15 | 0.00                         |
| 07/13/84 21:00 | 0.00                         |
| 07/24/84 05:15 | 0.00                         |
| 07/24/84 05:30 | 0.02                         |
| 07/24/84 05:45 | 0.02                         |
| 08/01/84 00:15 | 0.00                         |
| 08/07/84 22:15 | 0.00                         |
| 08/07/84 22:45 | 0.00                         |
| 08/07/84 23:15 | 0.00                         |
| 08/07/84 23:45 | 0.00                         |
| 08/08/84 00:15 | 0.00                         |
| 08/08/84 01:45 | 0.00                         |
| 08/08/84 02:00 | 0.00                         |
| 08/08/84 02:15 | 0.00                         |
| 08/08/84 02:30 | 0.00                         |
| 08/08/84 02:45 | 0.00                         |
| 08/08/84 06:00 | 0.00                         |
| 08/08/84 06:15 | 0.00                         |
| 08/08/84 06:30 | 0.00                         |
| 08/08/84 06:45 | 0.00                         |
| 08/08/84 07:00 | 0.01                         |
| 08/08/84 07:15 | 0.01                         |
| 08/08/84 07:45 | 0.00                         |
| 08/08/84 08:00 | 0.00                         |
| 08/08/84 08:15 | 0.00                         |
| 08/08/84 08:30 | 0.00                         |
| 08/08/84 08:45 | 0.00                         |
| 08/08/84 09:00 | 0.00                         |
| 08/08/84 09:15 | 0.00                         |
| 08/08/84 09:30 | 0.00                         |
| 08/08/84 09:45 | 0.00                         |
| 08/08/84 10:00 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 08/08/84 10:30 | 0.01                         |
| 08/08/84 10:45 | 0.00                         |
| 08/08/84 11:30 | 0.00                         |
| 08/08/84 11:45 | 0.00                         |
| 08/08/84 12:00 | 0.01                         |
| 08/08/84 12:15 | 0.01                         |
| 08/08/84 12:30 | 0.01                         |
| 08/08/84 12:45 | 0.00                         |
| 08/08/84 14:00 | 0.00                         |
| 08/08/84 14:45 | 0.00                         |
| 08/11/84 10:45 | 0.00                         |
| 08/11/84 11:00 | 0.01                         |
| 08/11/84 11:15 | 0.01                         |
| 08/11/84 11:30 | 0.00                         |
| 08/11/84 11:45 | 0.00                         |
| 08/11/84 12:00 | 0.00                         |
| 08/11/84 12:15 | 0.00                         |
| 08/11/84 12:30 | 0.00                         |
| 08/11/84 13:00 | 0.00                         |
| 08/11/84 13:30 | 0.00                         |
| 08/11/84 15:00 | 0.00                         |
| 08/11/84 15:30 | 0.00                         |
| 08/11/84 15:45 | 0.00                         |
| 08/11/84 16:00 | 0.00                         |
| 08/11/84 16:15 | 0.00                         |
| 08/11/84 16:45 | 0.00                         |
| 08/11/84 17:45 | 0.00                         |
| 08/11/84 19:30 | 0.00                         |
| 08/11/84 21:00 | 0.00                         |
| 08/11/84 21:30 | 0.00                         |
| 08/11/84 23:30 | 0.00                         |
| 08/12/84 02:15 | 0.00                         |
| 08/12/84 04:00 | 0.00                         |
| 08/12/84 04:15 | 0.00                         |
| 08/12/84 04:30 | 0.00                         |
| 08/12/84 05:00 | 0.00                         |
| 08/12/84 05:30 | 0.00                         |
| 08/30/84 16:00 | 0.01                         |
| 08/30/84 16:15 | 0.01                         |
| 09/01/84 00:15 | 0.00                         |
| 09/02/84 21:15 | 0.00                         |
| 09/02/84 21:30 | 0.00                         |
| 09/02/84 22:00 | 0.00                         |
| 09/28/84 01:30 | 0.00                         |
| 09/28/84 02:00 | 0.00                         |
| 09/28/84 02:15 | 0.00                         |
| 09/28/84 02:45 | 0.00                         |
| 10/01/84 00:15 | 0.00                         |
| 10/05/84 20:30 | 0.00                         |
| 10/05/84 20:45 | 0.00                         |
| 10/05/84 21:00 | 0.00                         |
| 10/05/84 21:15 | 0.00                         |
| 10/05/84 21:30 | 0.00                         |
| 10/06/84 00:30 | 0.00                         |
| 10/06/84 00:45 | 0.01                         |
| 10/06/84 01:15 | 0.00                         |
| 10/06/84 01:45 | 0.00                         |
| 10/06/84 02:15 | 0.00                         |
| 10/06/84 02:45 | 0.00                         |
| 10/06/84 03:15 | 0.00                         |
| 10/06/84 22:00 | 0.00                         |
| 10/06/84 22:15 | 0.00                         |
| 10/06/84 22:30 | 0.00                         |
| 10/06/84 22:45 | 0.00                         |
| 10/06/84 23:00 | 0.00                         |
| 10/11/84 00:45 | 0.00                         |
| 10/11/84 01:00 | 0.00                         |
| 10/11/84 01:15 | 0.00                         |
| 10/11/84 04:00 | 0.00                         |
| 10/11/84 07:30 | 0.00                         |
| 10/11/84 10:00 | 0.00                         |
| 10/11/84 12:30 | 0.00                         |
| 10/11/84 15:00 | 0.00                         |
| 10/11/84 15:15 | 0.03                         |
| 10/11/84 15:30 | 0.00                         |
| 10/11/84 15:45 | 0.00                         |
| 10/13/84 07:45 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 10/13/84 08:00 | 0.00                         |
| 10/13/84 08:30 | 0.00                         |
| 10/13/84 09:00 | 0.00                         |
| 10/13/84 09:15 | 0.00                         |
| 10/13/84 09:30 | 0.01                         |
| 10/13/84 09:45 | 0.01                         |
| 10/13/84 10:00 | 0.01                         |
| 10/13/84 10:15 | 0.00                         |
| 10/13/84 10:30 | 0.00                         |
| 10/13/84 10:45 | 0.00                         |
| 10/13/84 11:00 | 0.00                         |
| 10/13/84 11:30 | 0.00                         |
| 10/13/84 12:00 | 0.00                         |
| 10/13/84 12:15 | 0.01                         |
| 10/13/84 12:30 | 0.01                         |
| 10/13/84 13:00 | 0.00                         |
| 10/13/84 13:30 | 0.00                         |
| 10/13/84 14:00 | 0.00                         |
| 10/13/84 14:30 | 0.00                         |
| 10/13/84 15:15 | 0.00                         |
| 10/13/84 16:15 | 0.00                         |
| 10/13/84 17:15 | 0.00                         |
| 10/13/84 18:15 | 0.00                         |
| 10/19/84 11:00 | 0.00                         |
| 10/20/84 08:45 | 0.00                         |
| 10/20/84 09:00 | 0.00                         |
| 10/20/84 09:15 | 0.02                         |
| 10/20/84 09:30 | 0.03                         |
| 10/20/84 09:45 | 0.03                         |
| 10/20/84 10:00 | 0.01                         |
| 10/20/84 10:15 | 0.01                         |
| 10/20/84 10:30 | 0.01                         |
| 10/20/84 10:45 | 0.00                         |
| 10/20/84 11:00 | 0.00                         |
| 10/20/84 11:15 | 0.00                         |
| 10/20/84 11:30 | 0.00                         |
| 10/20/84 11:45 | 0.00                         |
| 10/20/84 12:00 | 0.00                         |
| 10/20/84 12:15 | 0.00                         |
| 10/20/84 13:15 | 0.00                         |
| 10/20/84 13:45 | 0.00                         |
| 10/22/84 11:15 | 0.00                         |
| 10/22/84 12:30 | 0.00                         |
| 10/22/84 13:45 | 0.00                         |
| 10/22/84 15:00 | 0.00                         |
| 10/22/84 16:15 | 0.00                         |
| 10/22/84 17:00 | 0.00                         |
| 10/22/84 17:30 | 0.00                         |
| 10/22/84 18:00 | 0.00                         |
| 10/22/84 19:00 | 0.00                         |
| 10/23/84 03:00 | 0.00                         |
| 10/23/84 06:15 | 0.01                         |
| 10/23/84 06:30 | 0.01                         |
| 10/23/84 06:45 | 0.00                         |
| 10/23/84 07:30 | 0.00                         |
| 10/23/84 07:45 | 0.00                         |
| 10/23/84 08:00 | 0.00                         |
| 10/23/84 08:15 | 0.00                         |
| 10/23/84 08:30 | 0.00                         |
| 10/23/84 08:45 | 0.00                         |
| 10/23/84 09:00 | 0.00                         |
| 10/23/84 09:15 | 0.00                         |
| 10/23/84 09:30 | 0.00                         |
| 10/24/84 12:45 | 0.02                         |
| 10/24/84 13:00 | 0.02                         |
| 10/24/84 13:15 | 0.01                         |
| 10/24/84 13:30 | 0.01                         |
| 10/24/84 13:45 | 0.01                         |
| 10/24/84 14:00 | 0.01                         |
| 10/24/84 14:15 | 0.01                         |
| 10/24/84 14:30 | 0.00                         |
| 10/24/84 14:45 | 0.00                         |
| 10/24/84 16:30 | 0.00                         |
| 10/24/84 16:45 | 0.01                         |
| 10/24/84 17:00 | 0.01                         |
| 10/24/84 17:15 | 0.03                         |
| 10/24/84 17:30 | 0.03                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 10/24/84 17:45 | 0.02                         |
| 10/24/84 18:00 | 0.02                         |
| 10/24/84 18:15 | 0.04                         |
| 10/24/84 18:30 | 0.01                         |
| 10/24/84 18:45 | 0.01                         |
| 10/24/84 19:00 | 0.02                         |
| 10/24/84 19:15 | 0.01                         |
| 10/24/84 20:30 | 0.00                         |
| 10/24/84 21:45 | 0.00                         |
| 10/24/84 23:00 | 0.00                         |
| 10/25/84 01:15 | 0.00                         |
| 10/25/84 01:30 | 0.00                         |
| 10/25/84 01:45 | 0.02                         |
| 10/25/84 02:00 | 0.03                         |
| 10/25/84 02:15 | 0.00                         |
| 10/25/84 02:30 | 0.00                         |
| 10/25/84 02:45 | 0.00                         |
| 10/25/84 03:00 | 0.00                         |
| 10/25/84 03:15 | 0.00                         |
| 10/25/84 03:30 | 0.00                         |
| 10/25/84 03:45 | 0.00                         |
| 10/27/84 07:00 | 0.01                         |
| 10/27/84 07:15 | 0.01                         |
| 10/27/84 07:30 | 0.01                         |
| 10/27/84 07:45 | 0.00                         |
| 10/27/84 08:00 | 0.00                         |
| 10/27/84 08:15 | 0.00                         |
| 10/27/84 08:30 | 0.00                         |
| 10/27/84 08:45 | 0.01                         |
| 10/27/84 09:15 | 0.00                         |
| 10/27/84 09:45 | 0.00                         |
| 10/27/84 10:15 | 0.00                         |
| 10/27/84 10:45 | 0.00                         |
| 11/01/84 00:15 | 0.00                         |
| 11/01/84 11:00 | 0.04                         |
| 11/01/84 12:00 | 0.03                         |
| 11/01/84 13:00 | 0.01                         |
| 11/17/84 17:00 | 0.00                         |
| 11/17/84 17:15 | 0.00                         |
| 11/17/84 17:30 | 0.00                         |
| 11/17/84 17:45 | 0.00                         |
| 11/17/84 18:00 | 0.00                         |
| 11/17/84 18:15 | 0.00                         |
| 11/17/84 19:00 | 0.00                         |
| 11/17/84 19:15 | 0.00                         |
| 11/17/84 19:30 | 0.00                         |
| 11/17/84 19:45 | 0.00                         |
| 11/17/84 20:00 | 0.00                         |
| 11/17/84 20:15 | 0.00                         |
| 11/17/84 21:00 | 0.00                         |
| 11/17/84 21:15 | 0.00                         |
| 11/17/84 21:30 | 0.00                         |
| 11/17/84 21:45 | 0.00                         |
| 11/17/84 22:00 | 0.00                         |
| 11/17/84 22:15 | 0.01                         |
| 11/17/84 22:30 | 0.01                         |
| 11/17/84 22:45 | 0.02                         |
| 11/17/84 23:00 | 0.01                         |
| 11/17/84 23:15 | 0.01                         |
| 11/17/84 23:30 | 0.00                         |
| 11/17/84 23:45 | 0.00                         |
| 11/18/84 00:15 | 0.00                         |
| 11/18/84 00:30 | 0.00                         |
| 11/18/84 01:15 | 0.00                         |
| 11/18/84 02:00 | 0.00                         |
| 11/18/84 02:15 | 0.00                         |
| 11/18/84 02:45 | 0.00                         |
| 11/18/84 03:00 | 0.00                         |
| 11/18/84 03:45 | 0.00                         |
| 11/26/84 23:45 | 0.00                         |
| 11/27/84 12:30 | 0.00                         |
| 11/27/84 12:45 | 0.00                         |
| 11/27/84 13:00 | 0.00                         |
| 11/27/84 13:15 | 0.01                         |
| 11/27/84 13:30 | 0.00                         |
| 11/27/84 13:45 | 0.00                         |
| 12/01/84 00:15 | 0.00                         |



| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 12/04/84 07:45 | 0.00                         |
| 12/04/84 08:15 | 0.00                         |
| 12/04/84 08:45 | 0.00                         |
| 12/04/84 09:15 | 0.00                         |
| 12/04/84 09:45 | 0.00                         |
| 12/04/84 10:45 | 0.00                         |
| 12/04/84 15:00 | 0.00                         |
| 12/04/84 19:00 | 0.00                         |
| 12/04/84 19:15 | 0.00                         |
| 12/04/84 19:30 | 0.00                         |
| 12/04/84 19:45 | 0.00                         |
| 12/04/84 20:45 | 0.00                         |
| 12/04/84 21:45 | 0.00                         |
| 12/04/84 22:45 | 0.00                         |
| 12/04/84 23:45 | 0.00                         |
| 12/05/84 00:45 | 0.00                         |
| 12/05/84 01:45 | 0.00                         |
| 12/05/84 02:45 | 0.00                         |
| 12/05/84 03:45 | 0.00                         |
| 12/05/84 04:00 | 0.00                         |
| 12/05/84 04:15 | 0.00                         |
| 12/05/84 04:30 | 0.00                         |
| 12/05/84 04:45 | 0.00                         |
| 12/05/84 05:00 | 0.00                         |
| 12/05/84 05:15 | 0.00                         |
| 12/05/84 05:30 | 0.00                         |
| 12/05/84 05:45 | 0.00                         |
| 12/05/84 06:00 | 0.00                         |
| 12/05/84 06:15 | 0.00                         |
| 12/05/84 06:30 | 0.00                         |
| 12/13/84 09:00 | 0.00                         |
| 12/13/84 09:15 | 0.03                         |
| 12/13/84 09:30 | 0.01                         |
| 12/13/84 09:45 | 0.01                         |
| 12/13/84 10:00 | 0.01                         |
| 12/13/84 10:15 | 0.01                         |
| 12/14/84 15:45 | 0.01                         |
| 12/14/84 16:00 | 0.01                         |
| 12/14/84 17:00 | 0.00                         |
| 12/14/84 18:00 | 0.00                         |
| 12/14/84 18:45 | 0.00                         |
| 12/14/84 19:00 | 0.00                         |
| 12/14/84 19:15 | 0.00                         |
| 12/14/84 19:45 | 0.00                         |
| 12/14/84 20:15 | 0.01                         |
| 12/14/84 20:30 | 0.01                         |
| 12/14/84 20:45 | 0.00                         |
| 12/14/84 21:00 | 0.03                         |
| 12/14/84 21:15 | 0.03                         |
| 12/14/84 21:30 | 0.01                         |
| 12/15/84 00:45 | 0.00                         |
| 12/15/84 03:30 | 0.00                         |
| 12/15/84 06:15 | 0.00                         |
| 12/15/84 20:45 | 0.00                         |
| 12/15/84 21:00 | 0.01                         |
| 12/15/84 21:15 | 0.01                         |
| 12/15/84 21:30 | 0.01                         |
| 12/15/84 21:45 | 0.01                         |
| 12/15/84 22:00 | 0.01                         |
| 12/15/84 22:15 | 0.00                         |
| 12/15/84 22:30 | 0.00                         |
| 12/15/84 22:45 | 0.00                         |
| 12/15/84 23:00 | 0.00                         |
| 12/15/84 23:15 | 0.00                         |
| 12/15/84 23:30 | 0.00                         |
| 12/15/84 23:45 | 0.00                         |
| 12/17/84 08:45 | 0.00                         |
| 12/17/84 09:30 | 0.02                         |
| 12/17/84 09:45 | 0.01                         |
| 12/17/84 10:00 | 0.00                         |
| 12/17/84 10:15 | 0.00                         |
| 12/17/84 10:30 | 0.00                         |
| 12/17/84 10:45 | 0.01                         |
| 12/17/84 11:00 | 0.01                         |
| 12/17/84 11:15 | 0.01                         |
| 12/17/84 11:30 | 0.01                         |
| 12/17/84 11:45 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 12/17/84 12:00 | 0.00                         |
| 12/17/84 12:15 | 0.00                         |
| 12/17/84 19:45 | 0.02                         |
| 12/17/84 20:00 | 0.03                         |
| 12/17/84 20:15 | 0.03                         |
| 12/17/84 20:30 | 0.00                         |
| 12/17/84 20:45 | 0.01                         |
| 12/17/84 21:00 | 0.01                         |
| 12/17/84 21:15 | 0.00                         |
| 12/17/84 21:30 | 0.00                         |
| 12/18/84 07:45 | 0.00                         |
| 12/18/84 08:15 | 0.00                         |
| 12/19/84 10:15 | 0.00                         |
| 12/19/84 10:45 | 0.00                         |
| 12/19/84 20:30 | 0.00                         |
| 12/20/84 09:45 | 0.00                         |
| 12/27/84 15:45 | 0.00                         |
| 12/27/84 16:15 | 0.00                         |
| 12/29/84 21:15 | 0.00                         |
| 12/29/84 21:30 | 0.01                         |
| 12/29/84 21:45 | 0.00                         |
| 12/29/84 22:15 | 0.00                         |
| 12/29/84 22:45 | 0.00                         |
| 12/31/84 08:00 | 0.00                         |
| 12/31/84 08:15 | 0.01                         |
| 12/31/84 08:30 | 0.00                         |
| 12/31/84 08:45 | 0.00                         |
| 12/31/84 09:00 | 0.01                         |
| 12/31/84 09:15 | 0.01                         |
| 12/31/84 09:30 | 0.01                         |
| 12/31/84 09:45 | 0.01                         |
| 12/31/84 10:00 | 0.01                         |
| 12/31/84 10:15 | 0.01                         |
| 12/31/84 10:30 | 0.01                         |
| 12/31/84 10:45 | 0.01                         |
| 12/31/84 11:00 | 0.00                         |
| 12/31/84 11:15 | 0.00                         |
| 12/31/84 13:00 | 0.00                         |
| 12/31/84 14:45 | 0.00                         |
| 12/31/84 16:30 | 0.00                         |
| 12/31/84 17:15 | 0.00                         |
| 12/31/84 17:30 | 0.00                         |
| 01/01/85 00:15 | 0.00                         |
| 01/02/85 13:15 | 0.00                         |
| 01/02/85 13:30 | 0.00                         |
| 01/02/85 13:45 | 0.00                         |
| 01/02/85 14:00 | 0.00                         |
| 01/02/85 14:15 | 0.00                         |
| 01/02/85 15:15 | 0.00                         |
| 01/03/85 08:45 | 0.00                         |
| 01/03/85 09:30 | 0.00                         |
| 01/03/85 10:00 | 0.00                         |
| 01/03/85 10:30 | 0.00                         |
| 01/03/85 11:00 | 0.00                         |
| 01/09/85 08:00 | 0.00                         |
| 01/10/85 07:00 | 0.03                         |
| 01/16/85 05:00 | 0.00                         |
| 01/16/85 05:15 | 0.00                         |
| 01/16/85 05:30 | 0.00                         |
| 01/16/85 05:45 | 0.00                         |
| 01/16/85 06:00 | 0.00                         |
| 01/16/85 06:15 | 0.00                         |
| 01/16/85 06:45 | 0.00                         |
| 01/16/85 07:00 | 0.01                         |
| 01/16/85 07:15 | 0.00                         |
| 01/16/85 07:30 | 0.00                         |
| 01/16/85 07:45 | 0.00                         |
| 01/16/85 08:00 | 0.00                         |
| 01/16/85 08:15 | 0.00                         |
| 01/16/85 08:45 | 0.00                         |
| 01/30/85 08:00 | 0.00                         |
| 01/31/85 07:00 | 0.02                         |
| 02/01/85 00:15 | 0.00                         |
| 02/01/85 10:00 | 0.00                         |
| 02/03/85 10:30 | 0.00                         |
| 02/04/85 10:00 | 0.00                         |
| 02/04/85 10:15 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 02/04/85 10:30 | 0.00                         |
| 02/04/85 11:00 | 0.00                         |
| 02/04/85 11:30 | 0.00                         |
| 02/04/85 11:45 | 0.00                         |
| 02/04/85 12:00 | 0.00                         |
| 02/04/85 12:15 | 0.00                         |
| 02/04/85 12:30 | 0.00                         |
| 02/04/85 13:00 | 0.00                         |
| 02/04/85 13:30 | 0.00                         |
| 02/04/85 13:45 | 0.00                         |
| 02/04/85 14:00 | 0.00                         |
| 02/04/85 14:15 | 0.00                         |
| 02/04/85 14:45 | 0.00                         |
| 02/04/85 15:15 | 0.00                         |
| 02/19/85 09:30 | 0.00                         |
| 02/22/85 10:30 | 0.00                         |
| 02/22/85 10:45 | 0.00                         |
| 02/22/85 11:00 | 0.00                         |
| 02/22/85 11:15 | 0.00                         |
| 02/22/85 12:45 | 0.00                         |
| 02/22/85 13:00 | 0.00                         |
| 02/22/85 13:15 | 0.00                         |
| 02/22/85 17:00 | 0.00                         |
| 02/22/85 23:15 | 0.02                         |
| 02/22/85 23:30 | 0.00                         |
| 02/23/85 00:15 | 0.00                         |
| 02/23/85 00:30 | 0.00                         |
| 02/23/85 00:45 | 0.00                         |
| 02/23/85 01:00 | 0.00                         |
| 02/23/85 01:15 | 0.00                         |
| 02/23/85 01:30 | 0.00                         |
| 02/23/85 01:45 | 0.00                         |
| 02/23/85 02:00 | 0.00                         |
| 02/23/85 02:15 | 0.01                         |
| 02/23/85 02:30 | 0.01                         |
| 02/23/85 02:45 | 0.01                         |
| 02/23/85 03:00 | 0.00                         |
| 02/23/85 03:15 | 0.00                         |
| 02/23/85 03:30 | 0.00                         |
| 02/23/85 03:45 | 0.01                         |
| 02/23/85 04:00 | 0.00                         |
| 02/23/85 04:15 | 0.00                         |
| 02/23/85 04:30 | 0.00                         |
| 02/23/85 04:45 | 0.01                         |
| 02/23/85 05:00 | 0.01                         |
| 02/23/85 05:15 | 0.01                         |
| 02/23/85 05:30 | 0.01                         |
| 02/23/85 05:45 | 0.00                         |
| 02/23/85 06:00 | 0.00                         |
| 02/23/85 06:15 | 0.00                         |
| 02/23/85 06:30 | 0.00                         |
| 02/23/85 06:45 | 0.00                         |
| 02/23/85 07:00 | 0.00                         |
| 02/23/85 07:15 | 0.00                         |
| 02/23/85 07:45 | 0.00                         |
| 02/23/85 08:00 | 0.00                         |
| 02/23/85 08:30 | 0.00                         |
| 02/28/85 18:15 | 0.00                         |
| 02/28/85 18:30 | 0.00                         |
| 02/28/85 18:45 | 0.00                         |
| 02/28/85 19:00 | 0.00                         |
| 02/28/85 19:15 | 0.00                         |
| 02/28/85 20:45 | 0.00                         |
| 02/28/85 21:00 | 0.00                         |
| 02/28/85 21:15 | 0.00                         |
| 02/28/85 21:30 | 0.00                         |
| 02/28/85 21:45 | 0.00                         |
| 03/01/85 00:15 | 0.00                         |
| 03/03/85 23:15 | 0.00                         |
| 03/03/85 23:30 | 0.01                         |
| 03/04/85 01:00 | 0.00                         |
| 03/04/85 01:15 | 0.00                         |
| 03/04/85 02:15 | 0.00                         |
| 03/04/85 02:45 | 0.00                         |
| 03/04/85 03:00 | 0.00                         |
| 03/04/85 03:15 | 0.00                         |
| 03/13/85 13:00 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 03/13/85 14:30 | 0.00                         |
| 03/13/85 15:30 | 0.00                         |
| 03/13/85 16:00 | 0.00                         |
| 03/13/85 16:30 | 0.00                         |
| 03/13/85 17:30 | 0.00                         |
| 03/13/85 18:45 | 0.00                         |
| 03/13/85 19:15 | 0.00                         |
| 03/13/85 19:30 | 0.00                         |
| 03/13/85 19:45 | 0.00                         |
| 03/13/85 20:00 | 0.00                         |
| 03/13/85 20:15 | 0.00                         |
| 03/13/85 20:30 | 0.00                         |
| 03/13/85 20:45 | 0.00                         |
| 03/13/85 21:00 | 0.00                         |
| 03/13/85 21:15 | 0.00                         |
| 03/13/85 21:30 | 0.00                         |
| 03/13/85 21:45 | 0.01                         |
| 03/13/85 22:00 | 0.01                         |
| 03/13/85 22:15 | 0.01                         |
| 03/13/85 22:30 | 0.01                         |
| 03/13/85 22:45 | 0.01                         |
| 03/13/85 23:00 | 0.01                         |
| 03/13/85 23:15 | 0.01                         |
| 03/13/85 23:30 | 0.00                         |
| 03/13/85 23:45 | 0.00                         |
| 03/14/85 00:15 | 0.00                         |
| 03/14/85 00:30 | 0.00                         |
| 03/19/85 19:30 | 0.01                         |
| 03/19/85 19:45 | 0.00                         |
| 03/19/85 20:00 | 0.00                         |
| 03/19/85 20:15 | 0.00                         |
| 03/19/85 20:45 | 0.00                         |
| 03/19/85 23:15 | 0.00                         |
| 03/20/85 00:15 | 0.00                         |
| 03/20/85 00:30 | 0.01                         |
| 03/20/85 00:45 | 0.01                         |
| 03/20/85 01:00 | 0.01                         |
| 03/20/85 01:15 | 0.01                         |
| 03/20/85 01:30 | 0.00                         |
| 03/20/85 01:45 | 0.00                         |
| 03/20/85 02:00 | 0.00                         |
| 03/20/85 02:15 | 0.00                         |
| 03/20/85 02:30 | 0.00                         |
| 03/20/85 02:45 | 0.01                         |
| 03/20/85 03:00 | 0.01                         |
| 03/20/85 03:15 | 0.00                         |
| 03/20/85 03:30 | 0.00                         |
| 03/20/85 03:45 | 0.00                         |
| 03/20/85 04:00 | 0.00                         |
| 03/20/85 04:15 | 0.00                         |
| 03/20/85 04:30 | 0.00                         |
| 03/20/85 04:45 | 0.01                         |
| 03/20/85 05:00 | 0.00                         |
| 03/20/85 05:15 | 0.00                         |
| 03/26/85 21:45 | 0.00                         |
| 03/26/85 22:00 | 0.02                         |
| 03/26/85 22:15 | 0.05                         |
| 03/26/85 22:30 | 0.04                         |
| 03/26/85 23:00 | 0.00                         |
| 03/29/85 13:15 | 0.00                         |
| 03/29/85 14:15 | 0.00                         |
| 03/30/85 01:15 | 0.00                         |
| 03/30/85 01:30 | 0.00                         |
| 03/30/85 01:45 | 0.00                         |
| 03/30/85 02:00 | 0.00                         |
| 03/30/85 02:15 | 0.00                         |
| 04/01/85 00:15 | 0.00                         |
| 04/13/85 07:45 | 0.01                         |
| 04/13/85 08:00 | 0.01                         |
| 04/13/85 08:15 | 0.00                         |
| 04/13/85 08:30 | 0.00                         |
| 04/13/85 08:45 | 0.00                         |
| 04/13/85 09:00 | 0.00                         |
| 04/13/85 09:15 | 0.00                         |
| 04/13/85 09:30 | 0.00                         |
| 04/13/85 09:45 | 0.00                         |
| 04/13/85 10:00 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 04/13/85 10:15 | 0.00                         |
| 04/13/85 10:30 | 0.01                         |
| 04/13/85 10:45 | 0.00                         |
| 04/13/85 11:15 | 0.00                         |
| 04/13/85 11:45 | 0.00                         |
| 04/21/85 19:15 | 0.00                         |
| 04/21/85 19:45 | 0.00                         |
| 04/21/85 20:00 | 0.00                         |
| 04/22/85 07:30 | 0.03                         |
| 04/22/85 07:45 | 0.03                         |
| 04/22/85 08:00 | 0.02                         |
| 04/22/85 08:15 | 0.02                         |
| 04/22/85 08:30 | 0.01                         |
| 04/22/85 08:45 | 0.01                         |
| 04/22/85 09:00 | 0.01                         |
| 04/22/85 09:15 | 0.01                         |
| 04/22/85 09:30 | 0.01                         |
| 04/22/85 09:45 | 0.01                         |
| 04/22/85 10:00 | 0.01                         |
| 04/22/85 10:15 | 0.02                         |
| 04/22/85 10:30 | 0.02                         |
| 04/22/85 10:45 | 0.01                         |
| 04/22/85 11:00 | 0.01                         |
| 04/22/85 11:15 | 0.00                         |
| 04/22/85 11:30 | 0.00                         |
| 04/22/85 11:45 | 0.00                         |
| 04/22/85 12:00 | 0.00                         |
| 04/22/85 12:15 | 0.00                         |
| 04/22/85 12:30 | 0.00                         |
| 04/22/85 12:45 | 0.01                         |
| 04/22/85 13:00 | 0.00                         |
| 04/22/85 13:15 | 0.00                         |
| 04/22/85 13:30 | 0.00                         |
| 04/22/85 13:45 | 0.01                         |
| 04/22/85 14:00 | 0.01                         |
| 04/22/85 14:15 | 0.01                         |
| 04/22/85 17:30 | 0.00                         |
| 04/22/85 18:00 | 0.00                         |
| 04/27/85 21:15 | 0.01                         |
| 04/27/85 21:30 | 0.01                         |
| 04/27/85 21:45 | 0.01                         |
| 04/27/85 22:00 | 0.00                         |
| 04/27/85 22:15 | 0.00                         |
| 04/27/85 22:30 | 0.00                         |
| 04/27/85 23:45 | 0.00                         |
| 04/28/85 00:15 | 0.00                         |
| 04/28/85 01:45 | 0.00                         |
| 04/28/85 02:15 | 0.00                         |
| 04/28/85 03:15 | 0.00                         |
| 04/28/85 03:30 | 0.00                         |
| 04/28/85 03:45 | 0.00                         |
| 04/28/85 04:00 | 0.00                         |
| 04/28/85 04:15 | 0.00                         |
| 04/28/85 04:30 | 0.00                         |
| 04/28/85 04:45 | 0.01                         |
| 04/28/85 05:00 | 0.01                         |
| 04/28/85 05:15 | 0.00                         |
| 04/28/85 05:30 | 0.00                         |
| 04/28/85 05:45 | 0.00                         |
| 04/28/85 06:00 | 0.00                         |
| 04/28/85 06:15 | 0.00                         |
| 04/28/85 06:30 | 0.00                         |
| 04/28/85 06:45 | 0.00                         |
| 04/28/85 07:00 | 0.00                         |
| 04/28/85 07:30 | 0.00                         |
| 04/28/85 08:00 | 0.00                         |
| 04/28/85 08:45 | 0.00                         |
| 04/28/85 10:30 | 0.00                         |
| 04/28/85 11:15 | 0.00                         |
| 04/29/85 02:45 | 0.00                         |
| 04/29/85 03:00 | 0.00                         |
| 04/29/85 03:15 | 0.00                         |
| 04/29/85 04:45 | 0.00                         |
| 04/29/85 06:30 | 0.00                         |
| 04/29/85 06:45 | 0.00                         |
| 04/29/85 07:00 | 0.01                         |
| 04/29/85 07:45 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 04/29/85 08:45 | 0.00                         |
| 04/29/85 09:00 | 0.00                         |
| 04/29/85 09:15 | 0.00                         |
| 04/29/85 09:45 | 0.00                         |
| 04/29/85 19:15 | 0.00                         |
| 04/29/85 19:30 | 0.00                         |
| 04/29/85 20:00 | 0.00                         |
| 04/29/85 20:15 | 0.00                         |
| 04/29/85 20:30 | 0.02                         |
| 04/29/85 20:45 | 0.06                         |
| 04/29/85 21:00 | 0.10                         |
| 04/29/85 21:15 | 0.01                         |
| 04/29/85 21:30 | 0.01                         |
| 04/29/85 21:45 | 0.00                         |
| 04/29/85 22:15 | 0.00                         |
| 04/29/85 23:15 | 0.00                         |
| 04/29/85 23:30 | 0.02                         |
| 04/29/85 23:45 | 0.00                         |
| 05/01/85 00:15 | 0.00                         |
| 05/12/85 22:30 | 0.00                         |
| 05/12/85 22:45 | 0.01                         |
| 05/12/85 23:00 | 0.02                         |
| 05/12/85 23:15 | 0.02                         |
| 05/12/85 23:30 | 0.03                         |
| 05/12/85 23:45 | 0.02                         |
| 05/13/85 00:15 | 0.00                         |
| 05/13/85 00:30 | 0.00                         |
| 05/13/85 00:45 | 0.01                         |
| 05/13/85 01:00 | 0.00                         |
| 05/13/85 12:15 | 0.01                         |
| 05/13/85 12:30 | 0.01                         |
| 05/13/85 12:45 | 0.00                         |
| 05/19/85 08:00 | 0.00                         |
| 05/21/85 07:00 | 0.22                         |
| 06/01/85 00:15 | 0.00                         |
| 06/05/85 18:45 | 0.00                         |
| 06/05/85 19:00 | 0.00                         |
| 06/05/85 19:15 | 0.00                         |
| 06/05/85 19:30 | 0.00                         |
| 06/05/85 19:45 | 0.00                         |
| 06/05/85 20:00 | 0.00                         |
| 06/05/85 20:15 | 0.00                         |
| 06/05/85 20:30 | 0.00                         |
| 06/05/85 20:45 | 0.00                         |
| 06/05/85 22:00 | 0.00                         |
| 06/06/85 00:30 | 0.00                         |
| 06/06/85 01:00 | 0.00                         |
| 06/06/85 01:15 | 0.01                         |
| 06/06/85 01:30 | 0.03                         |
| 06/06/85 01:45 | 0.04                         |
| 06/06/85 02:00 | 0.00                         |
| 06/06/85 02:15 | 0.00                         |
| 06/06/85 02:30 | 0.00                         |
| 06/06/85 02:45 | 0.00                         |
| 06/06/85 03:00 | 0.00                         |
| 06/06/85 03:15 | 0.00                         |
| 06/06/85 03:30 | 0.00                         |
| 06/06/85 03:45 | 0.00                         |
| 06/06/85 04:00 | 0.00                         |
| 06/06/85 04:15 | 0.00                         |
| 06/11/85 04:45 | 0.01                         |
| 06/11/85 05:00 | 0.02                         |
| 06/11/85 05:15 | 0.02                         |
| 06/11/85 05:30 | 0.01                         |
| 06/11/85 05:45 | 0.00                         |
| 06/11/85 06:15 | 0.00                         |
| 06/11/85 06:45 | 0.00                         |
| 06/11/85 07:00 | 0.00                         |
| 06/11/85 07:15 | 0.00                         |
| 06/11/85 07:30 | 0.01                         |
| 06/11/85 07:45 | 0.01                         |
| 06/11/85 08:00 | 0.01                         |
| 06/11/85 08:15 | 0.01                         |
| 06/11/85 08:30 | 0.00                         |
| 06/18/85 08:00 | 0.01                         |
| 06/18/85 08:15 | 0.01                         |
| 06/18/85 09:00 | 0.02                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 06/18/85 09:45 | 0.00                         |
| 06/20/85 17:00 | 0.01                         |
| 06/20/85 17:15 | 0.01                         |
| 06/20/85 17:30 | 0.01                         |
| 06/20/85 17:45 | 0.00                         |
| 07/01/85 00:15 | 0.00                         |
| 07/01/85 08:00 | 0.00                         |
| 07/06/85 14:00 | 0.01                         |
| 07/20/85 12:30 | 0.00                         |
| 07/20/85 13:00 | 0.00                         |
| 07/20/85 13:30 | 0.00                         |
| 07/21/85 07:15 | 0.00                         |
| 07/21/85 07:30 | 0.00                         |
| 07/21/85 07:45 | 0.00                         |
| 07/21/85 08:00 | 0.00                         |
| 07/21/85 08:15 | 0.00                         |
| 07/21/85 08:30 | 0.00                         |
| 07/21/85 08:45 | 0.00                         |
| 07/21/85 14:15 | 0.00                         |
| 07/21/85 14:30 | 0.00                         |
| 07/21/85 14:45 | 0.00                         |
| 07/21/85 15:00 | 0.01                         |
| 07/21/85 15:15 | 0.00                         |
| 07/21/85 15:30 | 0.00                         |
| 07/21/85 15:45 | 0.00                         |
| 07/22/85 15:15 | 0.00                         |
| 07/22/85 15:30 | 0.00                         |
| 07/22/85 15:45 | 0.03                         |
| 07/22/85 16:00 | 0.06                         |
| 07/22/85 16:15 | 0.03                         |
| 07/22/85 16:30 | 0.00                         |
| 07/22/85 16:45 | 0.00                         |
| 07/22/85 17:00 | 0.00                         |
| 07/22/85 17:30 | 0.00                         |
| 07/22/85 18:00 | 0.00                         |
| 07/22/85 18:30 | 0.00                         |
| 08/01/85 00:15 | 0.00                         |
| 08/20/85 18:00 | 0.01                         |
| 08/20/85 18:15 | 0.01                         |
| 08/20/85 18:30 | 0.06                         |
| 08/20/85 18:45 | 0.04                         |
| 08/20/85 19:00 | 0.01                         |
| 08/20/85 19:15 | 0.00                         |
| 08/20/85 19:30 | 0.00                         |
| 08/20/85 19:45 | 0.00                         |
| 08/20/85 20:00 | 0.00                         |
| 08/20/85 21:00 | 0.00                         |
| 08/20/85 22:15 | 0.00                         |
| 09/01/85 00:15 | 0.00                         |
| 09/13/85 23:45 | 0.01                         |
| 09/14/85 00:15 | 0.00                         |
| 09/14/85 00:30 | 0.01                         |
| 09/14/85 00:45 | 0.01                         |
| 09/14/85 01:00 | 0.01                         |
| 09/14/85 01:15 | 0.01                         |
| 09/14/85 01:30 | 0.01                         |
| 09/14/85 01:45 | 0.01                         |
| 09/14/85 02:00 | 0.00                         |
| 09/14/85 02:15 | 0.00                         |
| 09/14/85 02:30 | 0.00                         |
| 09/14/85 02:45 | 0.00                         |
| 09/14/85 03:00 | 0.00                         |
| 09/14/85 03:15 | 0.00                         |
| 09/14/85 03:30 | 0.00                         |
| 09/14/85 03:45 | 0.00                         |
| 09/14/85 04:15 | 0.00                         |
| 09/14/85 04:45 | 0.00                         |
| 09/14/85 05:15 | 0.00                         |
| 09/14/85 05:30 | 0.00                         |
| 09/14/85 05:45 | 0.00                         |
| 09/14/85 06:00 | 0.00                         |
| 09/14/85 06:15 | 0.00                         |
| 09/14/85 06:30 | 0.00                         |
| 09/14/85 06:45 | 0.00                         |
| 09/14/85 07:00 | 0.00                         |
| 09/14/85 07:45 | 0.00                         |
| 09/14/85 08:30 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 09/14/85 09:15 | 0.00                         |
| 09/15/85 15:00 | 0.00                         |
| 09/15/85 15:30 | 0.00                         |
| 09/15/85 15:45 | 0.00                         |
| 09/15/85 16:00 | 0.00                         |
| 09/15/85 16:15 | 0.00                         |
| 09/23/85 04:30 | 0.00                         |
| 09/23/85 04:45 | 0.00                         |
| 09/23/85 05:00 | 0.00                         |
| 09/23/85 05:15 | 0.00                         |
| 09/23/85 05:30 | 0.00                         |
| 09/23/85 05:45 | 0.00                         |
| 09/28/85 08:00 | 0.00                         |
| 09/30/85 07:00 | 0.19                         |
| 10/01/85 00:15 | 0.00                         |
| 10/10/85 14:30 | 0.00                         |
| 10/10/85 14:45 | 0.00                         |
| 10/10/85 15:00 | 0.00                         |
| 10/11/85 06:15 | 0.00                         |
| 10/11/85 06:30 | 0.00                         |
| 10/11/85 06:45 | 0.00                         |
| 10/11/85 07:00 | 0.00                         |
| 10/11/85 07:15 | 0.00                         |
| 10/11/85 07:30 | 0.00                         |
| 10/11/85 08:00 | 0.00                         |
| 10/11/85 10:00 | 0.00                         |
| 10/11/85 11:30 | 0.00                         |
| 10/11/85 12:30 | 0.00                         |
| 10/14/85 11:00 | 0.01                         |
| 10/14/85 11:15 | 0.00                         |
| 10/14/85 13:15 | 0.00                         |
| 10/14/85 13:30 | 0.00                         |
| 10/14/85 14:00 | 0.01                         |
| 10/14/85 15:00 | 0.00                         |
| 10/14/85 15:45 | 0.00                         |
| 10/14/85 16:15 | 0.00                         |
| 10/14/85 16:45 | 0.00                         |
| 10/17/85 16:45 | 0.00                         |
| 10/17/85 17:00 | 0.00                         |
| 10/17/85 17:15 | 0.00                         |
| 10/17/85 17:30 | 0.00                         |
| 10/17/85 17:45 | 0.00                         |
| 10/17/85 18:00 | 0.00                         |
| 10/17/85 18:30 | 0.00                         |
| 10/17/85 19:00 | 0.00                         |
| 10/17/85 19:15 | 0.00                         |
| 10/18/85 08:00 | 0.02                         |
| 10/18/85 08:15 | 0.03                         |
| 10/18/85 08:30 | 0.01                         |
| 10/18/85 08:45 | 0.00                         |
| 10/18/85 09:00 | 0.00                         |
| 10/18/85 09:30 | 0.00                         |
| 10/18/85 09:45 | 0.00                         |
| 10/18/85 10:00 | 0.00                         |
| 10/18/85 10:15 | 0.00                         |
| 10/18/85 10:30 | 0.00                         |
| 10/18/85 10:45 | 0.00                         |
| 10/18/85 11:00 | 0.00                         |
| 10/18/85 11:15 | 0.00                         |
| 10/18/85 11:30 | 0.00                         |
| 10/18/85 13:45 | 0.01                         |
| 10/18/85 14:00 | 0.03                         |
| 10/18/85 17:30 | 0.01                         |
| 10/18/85 20:45 | 0.00                         |
| 10/19/85 00:15 | 0.00                         |
| 10/19/85 00:30 | 0.00                         |
| 10/19/85 00:45 | 0.00                         |
| 10/19/85 01:00 | 0.00                         |
| 10/19/85 01:15 | 0.00                         |
| 10/19/85 01:30 | 0.00                         |
| 10/19/85 01:45 | 0.00                         |
| 10/19/85 02:00 | 0.00                         |
| 10/19/85 02:15 | 0.00                         |
| 10/19/85 02:30 | 0.00                         |
| 10/19/85 02:45 | 0.00                         |
| 10/19/85 03:00 | 0.00                         |
| 10/19/85 03:15 | 0.00                         |



| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 10/19/85 03:30 | 0.00                         |
| 10/19/85 03:45 | 0.00                         |
| 10/19/85 04:00 | 0.00                         |
| 10/19/85 04:15 | 0.00                         |
| 10/19/85 04:30 | 0.00                         |
| 10/19/85 05:00 | 0.00                         |
| 10/19/85 05:15 | 0.01                         |
| 10/19/85 05:30 | 0.00                         |
| 10/19/85 05:45 | 0.00                         |
| 10/19/85 06:00 | 0.00                         |
| 10/19/85 06:15 | 0.00                         |
| 10/19/85 06:30 | 0.00                         |
| 10/19/85 06:45 | 0.00                         |
| 10/19/85 07:00 | 0.00                         |
| 10/19/85 07:15 | 0.01                         |
| 10/19/85 07:30 | 0.01                         |
| 10/19/85 07:45 | 0.01                         |
| 10/19/85 08:00 | 0.01                         |
| 10/19/85 08:15 | 0.01                         |
| 10/19/85 08:30 | 0.00                         |
| 10/19/85 08:45 | 0.00                         |
| 10/19/85 09:00 | 0.00                         |
| 10/19/85 09:15 | 0.00                         |
| 10/19/85 09:30 | 0.00                         |
| 10/19/85 10:15 | 0.00                         |
| 10/19/85 10:30 | 0.00                         |
| 10/19/85 11:30 | 0.00                         |
| 10/19/85 12:30 | 0.00                         |
| 10/19/85 12:45 | 0.00                         |
| 10/28/85 17:00 | 0.00                         |
| 10/28/85 18:00 | 0.00                         |
| 10/28/85 18:30 | 0.00                         |
| 10/28/85 19:00 | 0.00                         |
| 10/28/85 19:30 | 0.00                         |
| 10/28/85 20:00 | 0.00                         |
| 10/28/85 20:15 | 0.00                         |
| 10/28/85 20:30 | 0.00                         |
| 10/28/85 20:45 | 0.00                         |
| 10/28/85 21:00 | 0.00                         |
| 10/28/85 21:15 | 0.00                         |
| 10/28/85 21:30 | 0.00                         |
| 10/28/85 21:45 | 0.00                         |
| 10/28/85 22:00 | 0.00                         |
| 10/28/85 22:15 | 0.00                         |
| 10/28/85 22:30 | 0.00                         |
| 10/28/85 22:45 | 0.00                         |
| 10/28/85 23:00 | 0.00                         |
| 10/28/85 23:15 | 0.00                         |
| 10/28/85 23:30 | 0.00                         |
| 10/28/85 23:45 | 0.00                         |
| 10/29/85 00:15 | 0.00                         |
| 10/29/85 00:30 | 0.00                         |
| 10/29/85 00:45 | 0.00                         |
| 10/29/85 01:00 | 0.00                         |
| 10/29/85 01:15 | 0.00                         |
| 10/29/85 01:30 | 0.00                         |
| 10/29/85 01:45 | 0.00                         |
| 10/29/85 02:00 | 0.02                         |
| 10/29/85 02:15 | 0.01                         |
| 10/29/85 02:30 | 0.01                         |
| 10/29/85 02:45 | 0.00                         |
| 10/29/85 03:00 | 0.01                         |
| 10/29/85 03:15 | 0.01                         |
| 10/29/85 03:30 | 0.00                         |
| 10/29/85 03:45 | 0.00                         |
| 10/29/85 04:00 | 0.00                         |
| 10/29/85 04:15 | 0.00                         |
| 10/29/85 04:30 | 0.01                         |
| 10/29/85 04:45 | 0.00                         |
| 10/29/85 05:15 | 0.00                         |
| 10/29/85 05:45 | 0.00                         |
| 10/29/85 06:15 | 0.00                         |
| 10/29/85 06:45 | 0.00                         |
| 10/29/85 07:15 | 0.00                         |
| 10/29/85 07:45 | 0.00                         |
| 10/29/85 08:15 | 0.00                         |
| 10/29/85 08:30 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 10/29/85 08:45 | 0.00                         |
| 10/29/85 09:00 | 0.00                         |
| 10/29/85 10:00 | 0.00                         |
| 10/29/85 10:30 | 0.00                         |
| 10/29/85 10:45 | 0.00                         |
| 10/29/85 11:00 | 0.00                         |
| 10/29/85 11:15 | 0.00                         |
| 10/29/85 12:00 | 0.00                         |
| 10/29/85 12:30 | 0.00                         |
| 10/29/85 13:00 | 0.00                         |
| 10/29/85 13:30 | 0.00                         |
| 11/01/85 00:15 | 0.00                         |
| 11/15/85 00:45 | 0.00                         |
| 11/15/85 01:00 | 0.01                         |
| 11/15/85 01:15 | 0.01                         |
| 11/15/85 01:30 | 0.01                         |
| 11/15/85 01:45 | 0.01                         |
| 11/15/85 02:00 | 0.01                         |
| 11/15/85 02:15 | 0.00                         |
| 11/15/85 02:30 | 0.00                         |
| 11/15/85 02:45 | 0.01                         |
| 11/15/85 03:00 | 0.01                         |
| 11/15/85 03:15 | 0.01                         |
| 11/15/85 03:30 | 0.01                         |
| 11/15/85 03:45 | 0.01                         |
| 11/15/85 04:00 | 0.01                         |
| 11/15/85 04:15 | 0.01                         |
| 11/15/85 04:30 | 0.01                         |
| 11/15/85 04:45 | 0.01                         |
| 11/15/85 05:00 | 0.00                         |
| 11/15/85 05:15 | 0.00                         |
| 11/15/85 05:30 | 0.00                         |
| 11/15/85 05:45 | 0.00                         |
| 11/15/85 06:00 | 0.00                         |
| 11/15/85 06:15 | 0.00                         |
| 11/15/85 06:30 | 0.00                         |
| 11/15/85 06:45 | 0.00                         |
| 11/15/85 07:00 | 0.00                         |
| 11/15/85 07:15 | 0.00                         |
| 11/15/85 07:30 | 0.00                         |
| 11/15/85 07:45 | 0.00                         |
| 11/15/85 08:00 | 0.00                         |
| 11/15/85 08:15 | 0.00                         |
| 11/15/85 08:30 | 0.00                         |
| 11/15/85 08:45 | 0.00                         |
| 11/15/85 09:00 | 0.00                         |
| 11/15/85 11:15 | 0.00                         |
| 11/15/85 12:15 | 0.00                         |
| 11/15/85 12:45 | 0.00                         |
| 11/15/85 13:15 | 0.00                         |
| 11/18/85 09:15 | 0.01                         |
| 11/18/85 09:30 | 0.01                         |
| 11/18/85 09:45 | 0.01                         |
| 11/18/85 10:00 | 0.01                         |
| 11/18/85 11:30 | 0.00                         |
| 11/18/85 12:00 | 0.00                         |
| 11/18/85 12:15 | 0.00                         |
| 11/18/85 12:30 | 0.00                         |
| 11/18/85 12:45 | 0.00                         |
| 11/20/85 14:00 | 0.01                         |
| 11/25/85 08:00 | 0.00                         |
| 11/26/85 07:00 | 0.13                         |
| 11/26/85 22:15 | 0.00                         |
| 11/26/85 22:30 | 0.00                         |
| 11/26/85 22:45 | 0.00                         |
| 11/26/85 23:00 | 0.00                         |
| 11/26/85 23:30 | 0.00                         |
| 11/27/85 01:45 | 0.00                         |
| 11/27/85 02:30 | 0.00                         |
| 11/27/85 03:00 | 0.00                         |
| 11/27/85 03:15 | 0.00                         |
| 11/27/85 03:30 | 0.00                         |
| 11/27/85 03:45 | 0.00                         |
| 11/27/85 04:00 | 0.00                         |
| 11/27/85 04:15 | 0.00                         |
| 11/27/85 04:30 | 0.00                         |
| 11/27/85 04:45 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 11/30/85 19:30 | 0.01                         |
| 11/30/85 19:45 | 0.01                         |
| 12/01/85 00:15 | 0.00                         |
| 12/10/85 12:15 | 0.00                         |
| 12/10/85 12:30 | 0.00                         |
| 12/10/85 12:45 | 0.00                         |
| 12/10/85 13:30 | 0.00                         |
| 12/10/85 13:45 | 0.00                         |
| 12/10/85 14:45 | 0.00                         |
| 12/10/85 15:00 | 0.00                         |
| 12/10/85 15:15 | 0.00                         |
| 12/10/85 15:30 | 0.00                         |
| 12/10/85 17:45 | 0.00                         |
| 12/10/85 18:15 | 0.00                         |
| 12/10/85 18:45 | 0.00                         |
| 12/10/85 19:00 | 0.00                         |
| 12/10/85 19:15 | 0.00                         |
| 12/10/85 19:30 | 0.00                         |
| 12/10/85 19:45 | 0.00                         |
| 12/10/85 20:00 | 0.00                         |
| 12/10/85 20:30 | 0.00                         |
| 12/10/85 21:00 | 0.00                         |
| 12/10/85 21:15 | 0.01                         |
| 12/10/85 21:30 | 0.00                         |
| 12/10/85 21:45 | 0.00                         |
| 12/10/85 23:45 | 0.00                         |
| 12/11/85 00:15 | 0.00                         |
| 12/11/85 00:30 | 0.00                         |
| 12/11/85 02:30 | 0.00                         |
| 01/01/86 00:15 | 0.00                         |
| 02/01/86 00:15 | 0.00                         |
| 02/02/86 18:30 | 0.00                         |
| 02/02/86 18:45 | 0.00                         |
| 02/02/86 19:15 | 0.00                         |
| 02/02/86 19:30 | 0.01                         |
| 02/02/86 19:45 | 0.00                         |
| 02/02/86 20:45 | 0.00                         |
| 02/02/86 21:15 | 0.00                         |
| 02/02/86 21:30 | 0.00                         |
| 02/02/86 21:45 | 0.00                         |
| 02/02/86 22:15 | 0.01                         |
| 02/02/86 22:30 | 0.01                         |
| 02/02/86 22:45 | 0.01                         |
| 02/02/86 23:00 | 0.01                         |
| 02/02/86 23:15 | 0.00                         |
| 02/02/86 23:45 | 0.00                         |
| 02/03/86 00:15 | 0.00                         |
| 02/03/86 01:00 | 0.01                         |
| 02/03/86 01:15 | 0.00                         |
| 02/03/86 02:00 | 0.00                         |
| 02/03/86 02:15 | 0.00                         |
| 02/03/86 02:30 | 0.01                         |
| 02/03/86 02:45 | 0.01                         |
| 02/03/86 03:00 | 0.02                         |
| 02/03/86 03:15 | 0.01                         |
| 02/03/86 03:30 | 0.01                         |
| 02/03/86 03:45 | 0.01                         |
| 02/03/86 04:00 | 0.01                         |
| 02/03/86 04:15 | 0.01                         |
| 02/03/86 04:30 | 0.01                         |
| 02/03/86 05:30 | 0.00                         |
| 02/03/86 06:00 | 0.00                         |
| 02/03/86 06:15 | 0.00                         |
| 02/03/86 06:30 | 0.00                         |
| 02/03/86 08:15 | 0.00                         |
| 02/03/86 08:30 | 0.00                         |
| 02/03/86 08:45 | 0.00                         |
| 02/03/86 09:00 | 0.00                         |
| 02/03/86 09:15 | 0.00                         |
| 02/03/86 09:30 | 0.00                         |
| 02/03/86 10:15 | 0.00                         |
| 02/03/86 11:00 | 0.00                         |
| 02/03/86 11:30 | 0.00                         |
| 02/03/86 12:00 | 0.00                         |
| 02/03/86 12:15 | 0.00                         |
| 02/03/86 13:00 | 0.00                         |
| 02/03/86 13:30 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 02/03/86 14:00 | 0.00                         |
| 02/03/86 14:30 | 0.00                         |
| 02/03/86 14:45 | 0.00                         |
| 02/03/86 15:00 | 0.00                         |
| 02/03/86 16:15 | 0.00                         |
| 02/03/86 16:30 | 0.00                         |
| 02/03/86 17:30 | 0.00                         |
| 02/03/86 18:30 | 0.00                         |
| 02/03/86 19:30 | 0.00                         |
| 02/05/86 12:30 | 0.00                         |
| 02/05/86 12:45 | 0.00                         |
| 02/05/86 13:00 | 0.00                         |
| 02/05/86 13:15 | 0.00                         |
| 02/05/86 13:30 | 0.01                         |
| 02/05/86 13:45 | 0.01                         |
| 02/05/86 14:00 | 0.01                         |
| 02/05/86 14:15 | 0.01                         |
| 02/05/86 14:30 | 0.01                         |
| 02/05/86 14:45 | 0.00                         |
| 02/05/86 15:00 | 0.00                         |
| 02/05/86 15:15 | 0.00                         |
| 02/05/86 15:30 | 0.00                         |
| 02/05/86 16:00 | 0.00                         |
| 02/05/86 16:15 | 0.01                         |
| 02/05/86 16:30 | 0.01                         |
| 02/05/86 16:45 | 0.00                         |
| 02/05/86 17:15 | 0.00                         |
| 02/05/86 17:30 | 0.00                         |
| 02/05/86 18:00 | 0.00                         |
| 02/05/86 19:00 | 0.00                         |
| 02/05/86 19:30 | 0.00                         |
| 02/05/86 19:45 | 0.00                         |
| 02/05/86 20:15 | 0.00                         |
| 02/05/86 20:45 | 0.00                         |
| 02/05/86 21:15 | 0.01                         |
| 02/05/86 21:30 | 0.00                         |
| 02/05/86 22:00 | 0.00                         |
| 02/05/86 22:15 | 0.00                         |
| 02/05/86 22:30 | 0.00                         |
| 02/05/86 23:00 | 0.00                         |
| 02/05/86 23:15 | 0.00                         |
| 02/05/86 23:45 | 0.00                         |
| 02/06/86 00:30 | 0.00                         |
| 02/07/86 15:15 | 0.00                         |
| 02/07/86 15:30 | 0.01                         |
| 02/07/86 15:45 | 0.00                         |
| 02/07/86 16:00 | 0.00                         |
| 02/07/86 16:15 | 0.00                         |
| 02/07/86 16:30 | 0.00                         |
| 02/07/86 16:45 | 0.00                         |
| 02/07/86 17:00 | 0.00                         |
| 02/07/86 17:30 | 0.00                         |
| 02/07/86 18:30 | 0.00                         |
| 02/07/86 20:00 | 0.00                         |
| 02/07/86 21:00 | 0.00                         |
| 02/09/86 12:30 | 0.00                         |
| 02/09/86 12:45 | 0.00                         |
| 02/09/86 13:15 | 0.00                         |
| 02/09/86 14:15 | 0.00                         |
| 02/09/86 14:45 | 0.00                         |
| 02/09/86 15:00 | 0.00                         |
| 02/09/86 15:15 | 0.00                         |
| 03/01/86 00:15 | 0.00                         |
| 03/11/86 18:30 | 0.01                         |
| 03/11/86 18:45 | 0.01                         |
| 03/11/86 19:00 | 0.00                         |
| 03/11/86 19:15 | 0.00                         |
| 03/13/86 00:45 | 0.00                         |
| 03/13/86 01:00 | 0.00                         |
| 03/13/86 01:45 | 0.00                         |
| 03/13/86 21:15 | 0.01                         |
| 03/13/86 21:30 | 0.01                         |
| 03/13/86 21:45 | 0.01                         |
| 03/13/86 22:00 | 0.01                         |
| 03/13/86 22:15 | 0.01                         |
| 03/13/86 22:30 | 0.01                         |
| 03/13/86 22:45 | 0.01                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 03/13/86 23:00 | 0.00                         |
| 03/13/86 23:30 | 0.00                         |
| 03/18/86 02:15 | 0.00                         |
| 03/18/86 02:30 | 0.00                         |
| 03/18/86 02:45 | 0.00                         |
| 03/18/86 03:00 | 0.01                         |
| 03/18/86 03:15 | 0.01                         |
| 03/18/86 03:30 | 0.00                         |
| 03/18/86 03:45 | 0.00                         |
| 03/18/86 04:00 | 0.01                         |
| 03/18/86 04:15 | 0.00                         |
| 03/18/86 04:30 | 0.01                         |
| 03/18/86 04:45 | 0.00                         |
| 03/18/86 05:15 | 0.00                         |
| 03/18/86 06:00 | 0.00                         |
| 03/18/86 06:15 | 0.00                         |
| 03/18/86 06:30 | 0.00                         |
| 04/01/86 00:15 | 0.00                         |
| 04/03/86 19:00 | 0.01                         |
| 04/03/86 19:15 | 0.02                         |
| 04/03/86 19:30 | 0.02                         |
| 04/03/86 19:45 | 0.02                         |
| 04/03/86 20:00 | 0.01                         |
| 04/04/86 14:45 | 0.01                         |
| 04/04/86 15:00 | 0.01                         |
| 04/04/86 15:15 | 0.01                         |
| 04/04/86 19:00 | 0.00                         |
| 04/04/86 21:00 | 0.00                         |
| 04/04/86 21:15 | 0.00                         |
| 04/04/86 21:30 | 0.00                         |
| 04/04/86 21:45 | 0.00                         |
| 04/04/86 22:15 | 0.00                         |
| 04/04/86 22:30 | 0.00                         |
| 04/04/86 22:45 | 0.00                         |
| 04/04/86 23:00 | 0.00                         |
| 04/04/86 23:15 | 0.00                         |
| 04/04/86 23:30 | 0.01                         |
| 04/04/86 23:45 | 0.02                         |
| 04/05/86 00:15 | 0.00                         |
| 04/05/86 00:30 | 0.01                         |
| 04/05/86 00:45 | 0.01                         |
| 04/05/86 01:00 | 0.00                         |
| 04/10/86 08:00 | 0.00                         |
| 04/11/86 07:00 | 0.02                         |
| 04/12/86 23:45 | 0.01                         |
| 04/13/86 00:15 | 0.03                         |
| 04/13/86 00:30 | 0.03                         |
| 04/13/86 00:45 | 0.01                         |
| 04/13/86 01:00 | 0.01                         |
| 04/13/86 01:15 | 0.00                         |
| 04/13/86 04:45 | 0.00                         |
| 04/13/86 08:00 | 0.02                         |
| 04/13/86 08:15 | 0.01                         |
| 04/18/86 06:00 | 0.00                         |
| 04/18/86 13:00 | 0.01                         |
| 04/19/86 13:15 | 0.02                         |
| 04/19/86 13:30 | 0.04                         |
| 04/19/86 13:45 | 0.03                         |
| 04/19/86 14:00 | 0.02                         |
| 04/19/86 14:15 | 0.00                         |
| 04/19/86 14:30 | 0.00                         |
| 04/19/86 14:45 | 0.00                         |
| 04/19/86 15:00 | 0.00                         |
| 04/19/86 15:15 | 0.00                         |
| 04/19/86 15:30 | 0.00                         |
| 04/19/86 15:45 | 0.00                         |
| 04/19/86 16:15 | 0.00                         |
| 04/27/86 12:00 | 0.04                         |
| 04/30/86 21:45 | 0.02                         |
| 04/30/86 22:00 | 0.00                         |
| 04/30/86 22:15 | 0.00                         |
| 04/30/86 22:30 | 0.00                         |
| 04/30/86 22:45 | 0.00                         |
| 04/30/86 23:00 | 0.00                         |
| 04/30/86 23:15 | 0.00                         |
| 05/01/86 00:15 | 0.00                         |
| 05/01/86 07:00 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 05/01/86 07:30 | 0.00                         |
| 05/01/86 07:45 | 0.00                         |
| 05/01/86 09:00 | 0.00                         |
| 05/01/86 10:00 | 0.00                         |
| 05/01/86 11:00 | 0.00                         |
| 05/01/86 11:45 | 0.00                         |
| 05/01/86 12:30 | 0.00                         |
| 05/01/86 13:15 | 0.00                         |
| 05/08/86 19:00 | 0.01                         |
| 05/08/86 19:15 | 0.01                         |
| 05/08/86 19:30 | 0.00                         |
| 05/08/86 19:45 | 0.00                         |
| 05/08/86 20:00 | 0.00                         |
| 05/08/86 20:15 | 0.00                         |
| 05/08/86 20:30 | 0.00                         |
| 05/08/86 20:45 | 0.00                         |
| 05/09/86 19:30 | 0.01                         |
| 05/09/86 19:45 | 0.01                         |
| 05/09/86 20:00 | 0.03                         |
| 05/09/86 20:15 | 0.03                         |
| 05/09/86 20:30 | 0.03                         |
| 05/09/86 20:45 | 0.02                         |
| 05/09/86 21:00 | 0.02                         |
| 05/09/86 21:15 | 0.01                         |
| 05/09/86 21:30 | 0.00                         |
| 05/09/86 21:45 | 0.00                         |
| 05/09/86 22:00 | 0.00                         |
| 05/17/86 02:45 | 0.00                         |
| 05/17/86 03:00 | 0.01                         |
| 05/17/86 03:15 | 0.02                         |
| 05/17/86 03:30 | 0.03                         |
| 05/17/86 03:45 | 0.02                         |
| 05/17/86 04:00 | 0.00                         |
| 05/17/86 04:15 | 0.00                         |
| 05/17/86 04:30 | 0.02                         |
| 05/17/86 04:45 | 0.02                         |
| 05/17/86 05:00 | 0.00                         |
| 05/17/86 06:30 | 0.00                         |
| 05/17/86 06:45 | 0.00                         |
| 05/17/86 07:00 | 0.00                         |
| 05/17/86 07:30 | 0.00                         |
| 05/17/86 08:00 | 0.00                         |
| 05/17/86 08:30 | 0.01                         |
| 05/17/86 08:45 | 0.01                         |
| 05/17/86 09:00 | 0.01                         |
| 05/17/86 09:15 | 0.00                         |
| 05/17/86 09:30 | 0.01                         |
| 05/17/86 09:45 | 0.00                         |
| 05/17/86 10:00 | 0.01                         |
| 05/17/86 10:15 | 0.01                         |
| 05/17/86 10:30 | 0.01                         |
| 05/17/86 10:45 | 0.01                         |
| 05/17/86 11:00 | 0.01                         |
| 05/17/86 11:15 | 0.01                         |
| 05/17/86 11:30 | 0.01                         |
| 05/17/86 11:45 | 0.01                         |
| 05/17/86 12:00 | 0.01                         |
| 05/17/86 12:15 | 0.00                         |
| 05/17/86 12:30 | 0.00                         |
| 05/17/86 13:00 | 0.00                         |
| 05/17/86 13:45 | 0.00                         |
| 05/17/86 14:00 | 0.00                         |
| 05/17/86 14:15 | 0.00                         |
| 05/17/86 16:00 | 0.00                         |
| 05/17/86 23:00 | 0.00                         |
| 05/17/86 23:15 | 0.00                         |
| 05/17/86 23:30 | 0.00                         |
| 05/17/86 23:45 | 0.00                         |
| 05/18/86 00:45 | 0.00                         |
| 05/18/86 01:45 | 0.00                         |
| 05/18/86 02:15 | 0.00                         |
| 05/18/86 02:45 | 0.00                         |
| 05/18/86 03:00 | 0.01                         |
| 05/24/86 10:15 | 0.01                         |
| 05/24/86 10:30 | 0.01                         |
| 05/24/86 10:45 | 0.00                         |
| 05/24/86 11:00 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 05/24/86 11:15 | 0.00                         |
| 05/24/86 11:30 | 0.00                         |
| 05/24/86 11:45 | 0.00                         |
| 05/24/86 12:15 | 0.00                         |
| 05/24/86 12:45 | 0.00                         |
| 05/24/86 13:15 | 0.00                         |
| 05/24/86 13:45 | 0.00                         |
| 05/24/86 14:30 | 0.00                         |
| 05/24/86 14:45 | 0.00                         |
| 05/24/86 15:00 | 0.00                         |
| 05/24/86 15:15 | 0.00                         |
| 05/24/86 16:15 | 0.00                         |
| 05/24/86 16:30 | 0.00                         |
| 05/24/86 16:45 | 0.00                         |
| 05/24/86 17:00 | 0.00                         |
| 05/24/86 17:30 | 0.00                         |
| 05/25/86 09:45 | 0.00                         |
| 05/25/86 10:45 | 0.00                         |
| 05/27/86 02:15 | 0.00                         |
| 05/27/86 03:15 | 0.00                         |
| 05/27/86 04:15 | 0.00                         |
| 05/29/86 23:45 | 0.00                         |
| 05/30/86 00:15 | 0.00                         |
| 05/31/86 15:45 | 0.02                         |
| 05/31/86 16:00 | 0.06                         |
| 05/31/86 16:15 | 0.02                         |
| 05/31/86 16:30 | 0.00                         |
| 05/31/86 16:45 | 0.00                         |
| 05/31/86 17:00 | 0.00                         |
| 05/31/86 17:15 | 0.00                         |
| 05/31/86 17:30 | 0.00                         |
| 05/31/86 17:45 | 0.00                         |
| 05/31/86 18:00 | 0.00                         |
| 05/31/86 18:15 | 0.00                         |
| 05/31/86 18:30 | 0.01                         |
| 05/31/86 18:45 | 0.01                         |
| 05/31/86 19:00 | 0.00                         |
| 05/31/86 19:30 | 0.00                         |
| 05/31/86 19:45 | 0.00                         |
| 05/31/86 20:00 | 0.00                         |
| 05/31/86 20:15 | 0.00                         |
| 05/31/86 20:30 | 0.00                         |
| 05/31/86 20:45 | 0.00                         |
| 05/31/86 21:00 | 0.00                         |
| 05/31/86 21:15 | 0.00                         |
| 05/31/86 21:45 | 0.00                         |
| 05/31/86 22:00 | 0.00                         |
| 06/01/86 00:15 | 0.00                         |
| 06/01/86 12:30 | 0.00                         |
| 06/01/86 12:45 | 0.00                         |
| 06/01/86 15:00 | 0.00                         |
| 06/01/86 15:15 | 0.00                         |
| 06/01/86 15:30 | 0.00                         |
| 06/01/86 15:45 | 0.00                         |
| 06/01/86 16:00 | 0.00                         |
| 06/01/86 16:15 | 0.00                         |
| 06/01/86 16:30 | 0.00                         |
| 06/01/86 16:45 | 0.00                         |
| 06/01/86 17:00 | 0.00                         |
| 06/01/86 17:15 | 0.00                         |
| 06/01/86 17:30 | 0.00                         |
| 06/01/86 17:45 | 0.00                         |
| 06/01/86 18:00 | 0.00                         |
| 06/01/86 18:15 | 0.00                         |
| 06/01/86 18:30 | 0.00                         |
| 06/01/86 18:45 | 0.00                         |
| 06/01/86 19:00 | 0.00                         |
| 06/01/86 19:15 | 0.00                         |
| 06/01/86 19:30 | 0.01                         |
| 06/01/86 19:45 | 0.00                         |
| 06/01/86 20:30 | 0.00                         |
| 06/03/86 04:00 | 0.04                         |
| 06/03/86 04:15 | 0.06                         |
| 06/03/86 04:30 | 0.03                         |
| 06/03/86 04:45 | 0.01                         |
| 06/03/86 05:00 | 0.01                         |
| 06/03/86 05:15 | 0.01                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 06/03/86 05:30 | 0.00                         |
| 06/03/86 05:45 | 0.00                         |
| 06/03/86 06:00 | 0.00                         |
| 06/03/86 06:15 | 0.00                         |
| 06/03/86 06:45 | 0.00                         |
| 06/03/86 07:15 | 0.00                         |
| 06/03/86 07:45 | 0.00                         |
| 06/04/86 11:30 | 0.00                         |
| 06/04/86 11:45 | 0.00                         |
| 06/04/86 12:00 | 0.00                         |
| 06/04/86 12:15 | 0.00                         |
| 06/04/86 12:30 | 0.00                         |
| 06/04/86 12:45 | 0.02                         |
| 06/04/86 13:00 | 0.02                         |
| 06/04/86 13:15 | 0.00                         |
| 06/04/86 13:30 | 0.00                         |
| 06/04/86 13:45 | 0.00                         |
| 06/04/86 19:15 | 0.01                         |
| 06/04/86 19:30 | 0.00                         |
| 06/04/86 19:45 | 0.00                         |
| 06/04/86 20:00 | 0.02                         |
| 06/04/86 20:15 | 0.06                         |
| 06/04/86 20:30 | 0.03                         |
| 06/04/86 20:45 | 0.01                         |
| 06/04/86 21:00 | 0.00                         |
| 06/04/86 22:00 | 0.00                         |
| 06/04/86 23:30 | 0.00                         |
| 06/05/86 02:00 | 0.00                         |
| 06/05/86 04:30 | 0.00                         |
| 06/05/86 05:15 | 0.00                         |
| 06/05/86 05:30 | 0.00                         |
| 06/05/86 05:45 | 0.00                         |
| 06/05/86 06:00 | 0.00                         |
| 06/05/86 06:15 | 0.00                         |
| 06/05/86 06:30 | 0.00                         |
| 06/05/86 06:45 | 0.00                         |
| 06/05/86 07:00 | 0.00                         |
| 06/05/86 07:15 | 0.00                         |
| 06/05/86 07:30 | 0.00                         |
| 06/05/86 07:45 | 0.00                         |
| 06/05/86 08:00 | 0.00                         |
| 06/05/86 08:15 | 0.00                         |
| 06/05/86 08:30 | 0.00                         |
| 06/05/86 09:45 | 0.00                         |
| 06/05/86 10:00 | 0.00                         |
| 06/05/86 10:15 | 0.00                         |
| 06/05/86 10:30 | 0.00                         |
| 06/08/86 13:45 | 0.04                         |
| 06/08/86 14:00 | 0.05                         |
| 06/08/86 14:15 | 0.02                         |
| 06/08/86 14:30 | 0.01                         |
| 06/08/86 14:45 | 0.00                         |
| 06/08/86 15:00 | 0.00                         |
| 06/09/86 23:45 | 0.01                         |
| 06/10/86 00:15 | 0.00                         |
| 06/10/86 00:30 | 0.00                         |
| 06/10/86 00:45 | 0.00                         |
| 06/10/86 01:00 | 0.00                         |
| 06/10/86 01:30 | 0.00                         |
| 06/10/86 02:00 | 0.00                         |
| 06/10/86 02:30 | 0.00                         |
| 06/10/86 03:00 | 0.00                         |
| 06/10/86 03:30 | 0.00                         |
| 06/10/86 03:45 | 0.00                         |
| 06/14/86 08:00 | 0.00                         |
| 06/20/86 07:00 | 0.00                         |
| 06/23/86 08:00 | 0.00                         |
| 06/25/86 07:00 | 0.00                         |
| 07/01/86 00:15 | 0.00                         |
| 08/01/86 00:15 | 0.00                         |
| 08/03/86 17:00 | 0.03                         |
| 08/03/86 17:15 | 0.00                         |
| 08/03/86 17:30 | 0.00                         |
| 08/03/86 17:45 | 0.00                         |
| 08/03/86 18:00 | 0.00                         |
| 08/03/86 18:15 | 0.00                         |
| 08/03/86 18:30 | 0.00                         |



| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 08/03/86 18:45 | 0.00                         |
| 08/03/86 19:00 | 0.00                         |
| 08/08/86 06:30 | 0.00                         |
| 08/08/86 07:00 | 0.00                         |
| 08/11/86 20:00 | 0.00                         |
| 08/17/86 16:30 | 0.00                         |
| 08/17/86 16:45 | 0.00                         |
| 09/01/86 00:15 | 0.00                         |
| 09/01/86 03:30 | 0.00                         |
| 09/01/86 03:45 | 0.00                         |
| 09/01/86 04:00 | 0.00                         |
| 09/01/86 04:15 | 0.00                         |
| 09/01/86 04:30 | 0.00                         |
| 09/01/86 04:45 | 0.00                         |
| 09/01/86 05:00 | 0.00                         |
| 09/01/86 05:15 | 0.00                         |
| 09/01/86 05:30 | 0.00                         |
| 09/01/86 05:45 | 0.01                         |
| 09/01/86 06:00 | 0.02                         |
| 09/01/86 06:15 | 0.02                         |
| 09/01/86 06:30 | 0.02                         |
| 09/01/86 06:45 | 0.02                         |
| 09/01/86 07:00 | 0.01                         |
| 09/01/86 07:15 | 0.01                         |
| 09/01/86 07:30 | 0.01                         |
| 09/01/86 07:45 | 0.02                         |
| 09/01/86 08:00 | 0.01                         |
| 09/01/86 11:00 | 0.00                         |
| 09/01/86 11:30 | 0.00                         |
| 09/01/86 11:45 | 0.00                         |
| 09/01/86 12:00 | 0.00                         |
| 09/01/86 12:15 | 0.00                         |
| 09/01/86 12:30 | 0.01                         |
| 09/01/86 12:45 | 0.01                         |
| 09/01/86 13:00 | 0.01                         |
| 09/01/86 13:15 | 0.01                         |
| 09/01/86 13:30 | 0.00                         |
| 09/01/86 14:15 | 0.00                         |
| 09/02/86 06:45 | 0.01                         |
| 09/02/86 07:00 | 0.04                         |
| 09/02/86 07:15 | 0.03                         |
| 09/02/86 07:30 | 0.02                         |
| 09/02/86 07:45 | 0.02                         |
| 09/02/86 08:00 | 0.01                         |
| 09/02/86 08:15 | 0.01                         |
| 09/02/86 08:30 | 0.01                         |
| 09/02/86 08:45 | 0.01                         |
| 09/02/86 09:00 | 0.01                         |
| 09/02/86 09:15 | 0.00                         |
| 09/02/86 09:45 | 0.00                         |
| 09/02/86 10:30 | 0.00                         |
| 09/02/86 11:15 | 0.00                         |
| 09/03/86 18:00 | 0.01                         |
| 09/03/86 18:15 | 0.01                         |
| 09/03/86 18:30 | 0.01                         |
| 09/03/86 18:45 | 0.00                         |
| 09/03/86 19:00 | 0.00                         |
| 09/03/86 19:15 | 0.00                         |
| 09/05/86 07:45 | 0.03                         |
| 09/05/86 08:00 | 0.03                         |
| 09/05/86 08:15 | 0.02                         |
| 09/05/86 08:30 | 0.01                         |
| 09/05/86 08:45 | 0.00                         |
| 09/05/86 09:00 | 0.00                         |
| 09/05/86 09:15 | 0.00                         |
| 09/05/86 09:30 | 0.01                         |
| 09/05/86 09:45 | 0.01                         |
| 09/06/86 07:00 | 0.01                         |
| 09/06/86 07:15 | 0.00                         |
| 09/28/86 15:45 | 0.00                         |
| 09/28/86 16:00 | 0.02                         |
| 09/28/86 16:15 | 0.01                         |
| 09/28/86 16:30 | 0.00                         |
| 09/28/86 16:45 | 0.00                         |
| 09/28/86 17:00 | 0.01                         |
| 09/28/86 17:15 | 0.05                         |
| 09/28/86 17:30 | 0.01                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 09/30/86 12:45 | 0.01                         |
| 09/30/86 13:00 | 0.01                         |
| 09/30/86 13:15 | 0.00                         |
| 10/01/86 00:15 | 0.00                         |
| 10/03/86 06:15 | 0.00                         |
| 10/03/86 06:30 | 0.00                         |
| 10/03/86 07:00 | 0.00                         |
| 10/03/86 07:15 | 0.01                         |
| 10/03/86 07:30 | 0.01                         |
| 10/03/86 07:45 | 0.01                         |
| 10/03/86 08:00 | 0.00                         |
| 10/03/86 08:45 | 0.01                         |
| 10/03/86 09:15 | 0.00                         |
| 10/03/86 09:30 | 0.01                         |
| 10/03/86 09:45 | 0.01                         |
| 10/03/86 10:00 | 0.00                         |
| 10/03/86 11:45 | 0.00                         |
| 10/03/86 12:45 | 0.00                         |
| 10/03/86 13:15 | 0.00                         |
| 10/03/86 13:30 | 0.00                         |
| 10/03/86 13:45 | 0.01                         |
| 10/04/86 06:00 | 0.03                         |
| 10/05/86 05:30 | 0.08                         |
| 10/05/86 06:30 | 0.01                         |
| 10/05/86 06:45 | 0.00                         |
| 10/05/86 08:30 | 0.00                         |
| 10/05/86 08:45 | 0.01                         |
| 10/05/86 09:00 | 0.00                         |
| 10/05/86 10:45 | 0.00                         |
| 10/05/86 11:15 | 0.01                         |
| 10/05/86 18:00 | 0.00                         |
| 10/06/86 00:30 | 0.00                         |
| 10/06/86 00:45 | 0.00                         |
| 10/06/86 01:00 | 0.00                         |
| 10/06/86 01:30 | 0.00                         |
| 10/06/86 02:00 | 0.00                         |
| 10/06/86 02:15 | 0.00                         |
| 10/06/86 02:30 | 0.00                         |
| 10/06/86 02:45 | 0.00                         |
| 10/06/86 03:00 | 0.00                         |
| 10/06/86 03:15 | 0.00                         |
| 10/06/86 04:30 | 0.00                         |
| 10/06/86 05:00 | 0.00                         |
| 10/06/86 05:45 | 0.00                         |
| 10/06/86 07:15 | 0.00                         |
| 10/06/86 08:15 | 0.00                         |
| 10/06/86 09:00 | 0.00                         |
| 10/06/86 09:30 | 0.00                         |
| 10/06/86 09:45 | 0.00                         |
| 10/06/86 10:00 | 0.00                         |
| 10/06/86 10:15 | 0.00                         |
| 10/08/86 05:00 | 0.00                         |
| 10/08/86 05:30 | 0.00                         |
| 10/08/86 06:15 | 0.00                         |
| 10/08/86 06:45 | 0.00                         |
| 10/08/86 08:00 | 0.00                         |
| 10/08/86 08:45 | 0.00                         |
| 10/08/86 09:15 | 0.01                         |
| 10/08/86 16:45 | 0.00                         |
| 10/08/86 17:30 | 0.00                         |
| 10/23/86 12:15 | 0.00                         |
| 10/23/86 13:00 | 0.00                         |
| 10/23/86 14:45 | 0.00                         |
| 10/23/86 15:45 | 0.00                         |
| 10/23/86 16:45 | 0.00                         |
| 10/23/86 17:15 | 0.00                         |
| 10/23/86 17:30 | 0.00                         |
| 10/23/86 17:45 | 0.00                         |
| 10/23/86 18:00 | 0.00                         |
| 10/23/86 18:15 | 0.00                         |
| 10/23/86 18:30 | 0.00                         |
| 11/01/86 00:15 | 0.00                         |
| 11/04/86 01:00 | 0.00                         |
| 11/04/86 01:45 | 0.00                         |
| 11/04/86 02:30 | 0.00                         |
| 11/04/86 03:15 | 0.00                         |
| 11/04/86 04:00 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 11/04/86 05:00 | 0.00                         |
| 11/04/86 05:30 | 0.00                         |
| 11/04/86 05:45 | 0.00                         |
| 11/04/86 06:00 | 0.01                         |
| 11/04/86 06:15 | 0.01                         |
| 11/04/86 06:30 | 0.00                         |
| 11/04/86 06:45 | 0.01                         |
| 11/04/86 07:00 | 0.01                         |
| 11/04/86 07:15 | 0.01                         |
| 11/04/86 07:30 | 0.01                         |
| 11/04/86 07:45 | 0.01                         |
| 11/04/86 08:00 | 0.01                         |
| 11/04/86 08:15 | 0.00                         |
| 11/04/86 08:30 | 0.00                         |
| 11/04/86 08:45 | 0.00                         |
| 11/04/86 09:00 | 0.00                         |
| 11/04/86 09:15 | 0.00                         |
| 11/10/86 09:00 | 0.00                         |
| 11/10/86 09:15 | 0.00                         |
| 11/10/86 09:30 | 0.00                         |
| 11/10/86 09:45 | 0.00                         |
| 11/10/86 10:00 | 0.00                         |
| 11/10/86 10:15 | 0.00                         |
| 11/10/86 10:30 | 0.00                         |
| 11/10/86 10:45 | 0.00                         |
| 11/10/86 11:15 | 0.00                         |
| 11/10/86 11:45 | 0.00                         |
| 11/10/86 12:15 | 0.00                         |
| 11/10/86 12:30 | 0.00                         |
| 11/10/86 12:45 | 0.00                         |
| 11/10/86 13:00 | 0.00                         |
| 11/10/86 13:15 | 0.00                         |
| 11/10/86 13:30 | 0.00                         |
| 11/10/86 13:45 | 0.00                         |
| 11/10/86 14:00 | 0.01                         |
| 11/10/86 14:15 | 0.01                         |
| 11/10/86 14:30 | 0.00                         |
| 11/10/86 15:00 | 0.00                         |
| 11/10/86 15:30 | 0.00                         |
| 11/10/86 16:00 | 0.00                         |
| 11/10/86 16:15 | 0.00                         |
| 11/10/86 16:30 | 0.00                         |
| 11/10/86 16:45 | 0.00                         |
| 11/10/86 17:00 | 0.00                         |
| 11/10/86 17:15 | 0.00                         |
| 11/10/86 17:30 | 0.00                         |
| 11/10/86 17:45 | 0.00                         |
| 11/10/86 18:00 | 0.00                         |
| 11/10/86 18:15 | 0.00                         |
| 11/10/86 18:30 | 0.00                         |
| 11/10/86 18:45 | 0.01                         |
| 11/10/86 19:00 | 0.01                         |
| 11/10/86 19:15 | 0.01                         |
| 11/10/86 19:30 | 0.00                         |
| 11/10/86 19:45 | 0.00                         |
| 11/10/86 20:00 | 0.00                         |
| 11/10/86 20:15 | 0.00                         |
| 11/10/86 20:30 | 0.00                         |
| 11/10/86 20:45 | 0.00                         |
| 11/10/86 21:00 | 0.00                         |
| 11/10/86 21:15 | 0.00                         |
| 11/10/86 21:30 | 0.00                         |
| 11/10/86 21:45 | 0.00                         |
| 11/10/86 22:00 | 0.00                         |
| 11/10/86 22:15 | 0.00                         |
| 11/10/86 22:30 | 0.00                         |
| 11/10/86 22:45 | 0.00                         |
| 11/12/86 11:45 | 0.00                         |
| 11/12/86 12:30 | 0.00                         |
| 11/12/86 13:15 | 0.00                         |
| 11/12/86 14:30 | 0.00                         |
| 11/12/86 15:45 | 0.00                         |
| 11/19/86 13:00 | 0.00                         |
| 11/19/86 13:15 | 0.00                         |
| 11/19/86 13:30 | 0.00                         |
| 11/19/86 13:45 | 0.00                         |
| 11/22/86 02:15 | 0.01                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 11/22/86 02:30 | 0.02                         |
| 11/22/86 02:45 | 0.01                         |
| 11/22/86 03:00 | 0.01                         |
| 11/22/86 03:15 | 0.01                         |
| 11/22/86 03:30 | 0.01                         |
| 11/22/86 03:45 | 0.01                         |
| 11/25/86 00:15 | 0.00                         |
| 11/25/86 00:30 | 0.00                         |
| 11/25/86 00:45 | 0.00                         |
| 11/25/86 01:00 | 0.00                         |
| 11/25/86 01:15 | 0.01                         |
| 11/25/86 01:30 | 0.01                         |
| 11/25/86 01:45 | 0.00                         |
| 11/25/86 02:00 | 0.01                         |
| 11/25/86 02:15 | 0.00                         |
| 11/25/86 02:30 | 0.01                         |
| 11/25/86 02:45 | 0.01                         |
| 11/25/86 03:00 | 0.01                         |
| 11/25/86 03:15 | 0.01                         |
| 11/25/86 03:30 | 0.00                         |
| 11/25/86 03:45 | 0.00                         |
| 11/25/86 04:00 | 0.00                         |
| 11/25/86 04:15 | 0.00                         |
| 11/25/86 04:30 | 0.00                         |
| 11/25/86 04:45 | 0.00                         |
| 11/25/86 05:00 | 0.00                         |
| 11/25/86 05:15 | 0.00                         |
| 11/25/86 09:30 | 0.01                         |
| 11/25/86 09:45 | 0.00                         |
| 11/25/86 10:00 | 0.00                         |
| 11/25/86 10:15 | 0.00                         |
| 11/25/86 10:45 | 0.00                         |
| 11/25/86 11:15 | 0.00                         |
| 11/25/86 12:45 | 0.00                         |
| 11/25/86 17:15 | 0.00                         |
| 11/25/86 18:30 | 0.00                         |
| 11/25/86 19:00 | 0.00                         |
| 11/25/86 19:30 | 0.00                         |
| 11/25/86 20:00 | 0.00                         |
| 12/01/86 00:15 | 0.00                         |
| 12/08/86 00:45 | 0.00                         |
| 12/08/86 01:15 | 0.00                         |
| 12/08/86 01:45 | 0.00                         |
| 12/08/86 02:15 | 0.00                         |
| 12/08/86 02:45 | 0.00                         |
| 12/08/86 04:15 | 0.00                         |
| 12/08/86 05:00 | 0.00                         |
| 12/08/86 06:00 | 0.00                         |
| 12/08/86 07:15 | 0.00                         |
| 12/08/86 07:30 | 0.00                         |
| 12/09/86 17:00 | 0.00                         |
| 12/09/86 19:15 | 0.00                         |
| 12/09/86 20:30 | 0.00                         |
| 12/09/86 20:45 | 0.00                         |
| 12/11/86 21:30 | 0.00                         |
| 12/11/86 23:00 | 0.01                         |
| 12/11/86 23:15 | 0.01                         |
| 12/11/86 23:30 | 0.01                         |
| 12/11/86 23:45 | 0.00                         |
| 12/12/86 00:30 | 0.00                         |
| 12/12/86 01:00 | 0.00                         |
| 12/14/86 09:15 | 0.00                         |
| 12/14/86 09:30 | 0.00                         |
| 12/14/86 09:45 | 0.01                         |
| 12/14/86 10:00 | 0.00                         |
| 12/14/86 10:15 | 0.01                         |
| 12/14/86 10:30 | 0.01                         |
| 12/14/86 10:45 | 0.01                         |
| 12/14/86 12:00 | 0.00                         |
| 12/14/86 12:30 | 0.00                         |
| 12/14/86 13:00 | 0.00                         |
| 12/14/86 13:30 | 0.00                         |
| 12/14/86 14:00 | 0.00                         |
| 12/14/86 14:30 | 0.00                         |
| 12/14/86 15:00 | 0.00                         |
| 12/14/86 15:30 | 0.00                         |
| 12/14/86 16:00 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 12/14/86 16:45 | 0.00                         |
| 12/14/86 18:15 | 0.00                         |
| 12/14/86 19:15 | 0.00                         |
| 12/14/86 20:30 | 0.00                         |
| 12/14/86 21:15 | 0.00                         |
| 12/14/86 21:45 | 0.00                         |
| 12/14/86 22:00 | 0.00                         |
| 12/14/86 22:15 | 0.00                         |
| 12/14/86 22:30 | 0.00                         |
| 12/14/86 22:45 | 0.00                         |
| 12/14/86 23:15 | 0.00                         |
| 12/14/86 23:45 | 0.00                         |
| 12/15/86 00:15 | 0.00                         |
| 12/15/86 00:45 | 0.00                         |
| 12/15/86 01:45 | 0.00                         |
| 12/15/86 02:15 | 0.00                         |
| 12/15/86 02:45 | 0.00                         |
| 12/15/86 03:30 | 0.00                         |
| 12/17/86 05:15 | 0.00                         |
| 12/17/86 05:30 | 0.00                         |
| 12/17/86 06:00 | 0.00                         |
| 12/17/86 07:30 | 0.00                         |
| 12/17/86 08:00 | 0.00                         |
| 12/17/86 08:15 | 0.00                         |
| 12/17/86 08:30 | 0.00                         |
| 12/17/86 08:45 | 0.00                         |
| 12/17/86 09:00 | 0.00                         |
| 12/17/86 09:30 | 0.00                         |
| 12/17/86 10:00 | 0.00                         |
| 12/17/86 10:30 | 0.00                         |
| 12/17/86 11:00 | 0.00                         |
| 12/17/86 12:30 | 0.00                         |
| 12/17/86 13:00 | 0.00                         |
| 12/17/86 14:00 | 0.00                         |
| 12/17/86 14:30 | 0.00                         |
| 12/17/86 15:15 | 0.00                         |
| 12/17/86 23:15 | 0.01                         |
| 12/17/86 23:30 | 0.01                         |
| 12/17/86 23:45 | 0.00                         |
| 12/18/86 00:15 | 0.00                         |
| 12/18/86 00:30 | 0.00                         |
| 12/18/86 00:45 | 0.00                         |
| 12/18/86 01:00 | 0.00                         |
| 12/18/86 01:15 | 0.00                         |
| 12/18/86 01:30 | 0.00                         |
| 12/18/86 01:45 | 0.00                         |
| 12/18/86 02:00 | 0.00                         |
| 12/18/86 02:15 | 0.00                         |
| 12/18/86 02:30 | 0.00                         |
| 12/18/86 02:45 | 0.00                         |
| 12/18/86 03:00 | 0.00                         |
| 12/18/86 03:15 | 0.00                         |
| 12/18/86 03:30 | 0.00                         |
| 12/18/86 03:45 | 0.00                         |
| 12/18/86 04:00 | 0.00                         |
| 12/18/86 04:30 | 0.00                         |
| 12/18/86 05:00 | 0.00                         |
| 12/18/86 05:30 | 0.00                         |
| 12/23/86 00:15 | 0.00                         |
| 12/23/86 00:45 | 0.00                         |
| 12/23/86 01:15 | 0.00                         |
| 12/23/86 01:45 | 0.00                         |
| 12/23/86 02:00 | 0.00                         |
| 12/23/86 02:15 | 0.00                         |
| 12/23/86 02:30 | 0.00                         |
| 12/23/86 02:45 | 0.00                         |
| 12/23/86 03:00 | 0.00                         |
| 12/23/86 03:15 | 0.00                         |
| 12/23/86 03:30 | 0.00                         |
| 12/23/86 03:45 | 0.00                         |
| 01/01/87 00:15 | 0.00                         |
| 01/04/87 02:45 | 0.01                         |
| 01/04/87 03:00 | 0.01                         |
| 01/04/87 03:15 | 0.00                         |
| 01/04/87 03:30 | 0.00                         |
| 01/08/87 02:45 | 0.00                         |
| 01/08/87 03:00 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 01/08/87 19:00 | 0.00                         |
| 01/08/87 23:15 | 0.00                         |
| 01/08/87 23:30 | 0.00                         |
| 01/08/87 23:45 | 0.02                         |
| 01/09/87 00:15 | 0.00                         |
| 01/09/87 00:30 | 0.00                         |
| 01/09/87 01:00 | 0.00                         |
| 01/09/87 01:15 | 0.00                         |
| 01/09/87 01:30 | 0.00                         |
| 01/09/87 01:45 | 0.01                         |
| 01/09/87 02:00 | 0.00                         |
| 01/09/87 02:15 | 0.00                         |
| 01/09/87 02:30 | 0.01                         |
| 01/09/87 02:45 | 0.01                         |
| 01/09/87 03:00 | 0.01                         |
| 01/09/87 03:15 | 0.00                         |
| 01/09/87 03:30 | 0.01                         |
| 01/09/87 03:45 | 0.01                         |
| 01/09/87 04:00 | 0.00                         |
| 01/09/87 04:15 | 0.00                         |
| 01/09/87 04:30 | 0.00                         |
| 01/09/87 04:45 | 0.00                         |
| 01/09/87 05:15 | 0.00                         |
| 01/09/87 05:45 | 0.00                         |
| 01/09/87 06:00 | 0.00                         |
| 01/09/87 06:15 | 0.00                         |
| 01/16/87 00:45 | 0.00                         |
| 01/16/87 06:00 | 0.00                         |
| 01/16/87 10:00 | 0.01                         |
| 01/17/87 01:00 | 0.00                         |
| 01/17/87 09:30 | 0.01                         |
| 01/17/87 09:45 | 0.01                         |
| 01/17/87 10:00 | 0.00                         |
| 01/17/87 10:15 | 0.00                         |
| 01/17/87 10:30 | 0.00                         |
| 01/17/87 11:15 | 0.00                         |
| 01/17/87 12:15 | 0.00                         |
| 01/17/87 13:00 | 0.00                         |
| 01/17/87 13:15 | 0.00                         |
| 01/17/87 13:30 | 0.00                         |
| 01/17/87 13:45 | 0.00                         |
| 01/17/87 14:00 | 0.00                         |
| 01/17/87 14:15 | 0.00                         |
| 01/17/87 15:15 | 0.00                         |
| 01/17/87 15:30 | 0.00                         |
| 01/17/87 15:45 | 0.00                         |
| 01/17/87 16:15 | 0.00                         |
| 01/17/87 16:45 | 0.00                         |
| 01/17/87 17:15 | 0.00                         |
| 01/17/87 19:00 | 0.00                         |
| 01/17/87 19:15 | 0.00                         |
| 01/17/87 19:30 | 0.00                         |
| 01/17/87 22:30 | 0.00                         |
| 01/17/87 22:45 | 0.00                         |
| 01/17/87 23:00 | 0.00                         |
| 01/17/87 23:15 | 0.00                         |
| 01/17/87 23:30 | 0.00                         |
| 01/17/87 23:45 | 0.00                         |
| 01/18/87 00:30 | 0.00                         |
| 01/18/87 01:30 | 0.00                         |
| 01/18/87 02:00 | 0.00                         |
| 01/18/87 02:15 | 0.00                         |
| 01/18/87 02:30 | 0.00                         |
| 02/01/87 00:15 | 0.00                         |
| 02/01/87 08:00 | 0.01                         |
| 02/01/87 08:30 | 0.00                         |
| 02/05/87 22:00 | 0.00                         |
| 02/05/87 22:15 | 0.00                         |
| 02/05/87 22:30 | 0.00                         |
| 02/05/87 22:45 | 0.00                         |
| 02/05/87 23:00 | 0.00                         |
| 02/05/87 23:15 | 0.00                         |
| 02/05/87 23:30 | 0.00                         |
| 02/05/87 23:45 | 0.00                         |
| 02/06/87 00:15 | 0.00                         |
| 02/06/87 00:30 | 0.00                         |
| 02/06/87 00:45 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 02/06/87 01:00 | 0.00                         |
| 02/06/87 01:15 | 0.00                         |
| 02/06/87 01:30 | 0.00                         |
| 02/06/87 01:45 | 0.00                         |
| 02/06/87 02:15 | 0.00                         |
| 02/06/87 02:45 | 0.00                         |
| 02/06/87 07:45 | 0.00                         |
| 02/06/87 08:00 | 0.00                         |
| 02/06/87 08:15 | 0.00                         |
| 02/06/87 08:30 | 0.00                         |
| 02/06/87 08:45 | 0.00                         |
| 02/06/87 09:00 | 0.00                         |
| 02/06/87 09:15 | 0.00                         |
| 02/06/87 09:45 | 0.00                         |
| 02/06/87 10:15 | 0.00                         |
| 02/06/87 10:45 | 0.00                         |
| 02/06/87 11:30 | 0.00                         |
| 02/14/87 21:45 | 0.01                         |
| 02/14/87 22:00 | 0.01                         |
| 02/14/87 22:15 | 0.01                         |
| 02/14/87 22:30 | 0.01                         |
| 02/20/87 01:30 | 0.01                         |
| 02/20/87 01:45 | 0.01                         |
| 02/20/87 02:00 | 0.01                         |
| 02/20/87 02:15 | 0.00                         |
| 02/20/87 02:30 | 0.00                         |
| 02/20/87 02:45 | 0.00                         |
| 02/20/87 03:00 | 0.00                         |
| 02/20/87 03:15 | 0.00                         |
| 02/20/87 03:30 | 0.00                         |
| 02/20/87 03:45 | 0.01                         |
| 02/20/87 04:00 | 0.00                         |
| 02/20/87 04:15 | 0.00                         |
| 02/20/87 04:30 | 0.00                         |
| 02/20/87 04:45 | 0.00                         |
| 02/20/87 05:00 | 0.00                         |
| 02/20/87 05:15 | 0.01                         |
| 02/20/87 05:30 | 0.00                         |
| 02/20/87 05:45 | 0.00                         |
| 02/20/87 06:00 | 0.00                         |
| 02/20/87 06:15 | 0.00                         |
| 02/20/87 06:30 | 0.00                         |
| 02/20/87 06:45 | 0.00                         |
| 02/20/87 07:00 | 0.00                         |
| 02/20/87 07:15 | 0.00                         |
| 02/20/87 07:30 | 0.01                         |
| 02/20/87 07:45 | 0.00                         |
| 02/20/87 08:00 | 0.00                         |
| 02/20/87 08:15 | 0.00                         |
| 02/20/87 08:30 | 0.00                         |
| 02/20/87 08:45 | 0.00                         |
| 02/22/87 02:45 | 0.00                         |
| 02/22/87 03:00 | 0.00                         |
| 02/22/87 03:15 | 0.00                         |
| 02/22/87 03:30 | 0.00                         |
| 02/22/87 03:45 | 0.00                         |
| 02/22/87 04:00 | 0.00                         |
| 02/22/87 04:15 | 0.00                         |
| 02/22/87 04:30 | 0.00                         |
| 02/22/87 04:45 | 0.00                         |
| 02/22/87 05:00 | 0.00                         |
| 02/22/87 06:15 | 0.00                         |
| 02/22/87 06:30 | 0.00                         |
| 02/22/87 06:45 | 0.00                         |
| 02/22/87 07:00 | 0.00                         |
| 02/22/87 07:15 | 0.00                         |
| 02/22/87 08:15 | 0.00                         |
| 02/22/87 08:30 | 0.00                         |
| 02/22/87 08:45 | 0.00                         |
| 02/22/87 09:00 | 0.00                         |
| 02/22/87 09:45 | 0.00                         |
| 02/23/87 18:30 | 0.00                         |
| 02/23/87 19:00 | 0.00                         |
| 02/23/87 19:30 | 0.00                         |
| 02/23/87 20:00 | 0.00                         |
| 02/23/87 21:30 | 0.00                         |
| 02/23/87 22:30 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 02/24/87 01:00 | 0.00                         |
| 02/24/87 01:45 | 0.00                         |
| 02/24/87 02:15 | 0.00                         |
| 02/24/87 02:45 | 0.00                         |
| 02/24/87 03:15 | 0.00                         |
| 02/24/87 03:30 | 0.00                         |
| 02/24/87 03:45 | 0.00                         |
| 02/24/87 05:15 | 0.00                         |
| 02/24/87 05:45 | 0.00                         |
| 02/24/87 07:00 | 0.00                         |
| 02/24/87 07:45 | 0.00                         |
| 02/24/87 08:30 | 0.00                         |
| 02/24/87 09:15 | 0.00                         |
| 02/24/87 10:00 | 0.00                         |
| 02/24/87 10:45 | 0.00                         |
| 02/24/87 11:30 | 0.00                         |
| 02/24/87 12:15 | 0.00                         |
| 02/24/87 13:00 | 0.00                         |
| 02/24/87 13:45 | 0.00                         |
| 02/24/87 14:30 | 0.00                         |
| 02/24/87 15:15 | 0.00                         |
| 02/24/87 16:00 | 0.00                         |
| 02/24/87 16:45 | 0.00                         |
| 02/24/87 17:30 | 0.00                         |
| 02/24/87 18:15 | 0.00                         |
| 02/24/87 19:00 | 0.00                         |
| 02/24/87 19:45 | 0.00                         |
| 02/24/87 20:30 | 0.00                         |
| 02/24/87 21:15 | 0.00                         |
| 02/24/87 22:00 | 0.00                         |
| 02/24/87 22:45 | 0.00                         |
| 02/24/87 23:30 | 0.00                         |
| 02/25/87 00:15 | 0.00                         |
| 02/25/87 01:00 | 0.00                         |
| 02/25/87 01:45 | 0.00                         |
| 02/25/87 02:30 | 0.00                         |
| 02/25/87 03:15 | 0.00                         |
| 02/25/87 04:00 | 0.00                         |
| 02/25/87 04:45 | 0.00                         |
| 02/25/87 05:30 | 0.00                         |
| 02/25/87 06:15 | 0.00                         |
| 02/25/87 07:00 | 0.00                         |
| 02/25/87 07:45 | 0.00                         |
| 02/25/87 08:15 | 0.00                         |
| 02/25/87 08:45 | 0.00                         |
| 02/25/87 12:30 | 0.00                         |
| 02/26/87 22:15 | 0.00                         |
| 02/26/87 22:30 | 0.01                         |
| 02/26/87 22:45 | 0.01                         |
| 02/26/87 23:00 | 0.00                         |
| 02/27/87 00:15 | 0.00                         |
| 02/27/87 00:30 | 0.00                         |
| 02/27/87 00:45 | 0.00                         |
| 02/27/87 01:00 | 0.00                         |
| 02/27/87 01:30 | 0.00                         |
| 02/27/87 02:00 | 0.00                         |
| 02/27/87 02:15 | 0.00                         |
| 02/27/87 02:30 | 0.00                         |
| 02/27/87 02:45 | 0.00                         |
| 02/27/87 03:00 | 0.00                         |
| 02/27/87 03:30 | 0.00                         |
| 02/27/87 04:00 | 0.00                         |
| 02/27/87 04:15 | 0.00                         |
| 02/27/87 04:30 | 0.00                         |
| 02/27/87 04:45 | 0.00                         |
| 02/27/87 05:00 | 0.00                         |
| 02/27/87 05:15 | 0.00                         |
| 02/27/87 05:30 | 0.00                         |
| 02/27/87 05:45 | 0.00                         |
| 02/27/87 06:00 | 0.01                         |
| 02/27/87 06:15 | 0.01                         |
| 02/27/87 06:30 | 0.01                         |
| 02/27/87 06:45 | 0.01                         |
| 02/27/87 07:00 | 0.01                         |
| 02/27/87 07:15 | 0.00                         |
| 03/01/87 00:15 | 0.00                         |
| 03/16/87 11:00 | 0.00                         |



| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 03/16/87 12:00 | 0.00                         |
| 03/16/87 13:00 | 0.00                         |
| 03/16/87 13:30 | 0.00                         |
| 03/16/87 14:00 | 0.00                         |
| 03/16/87 14:30 | 0.00                         |
| 03/16/87 15:00 | 0.00                         |
| 03/16/87 16:45 | 0.00                         |
| 03/16/87 20:15 | 0.00                         |
| 03/16/87 22:00 | 0.00                         |
| 03/16/87 22:15 | 0.00                         |
| 03/16/87 22:30 | 0.01                         |
| 03/16/87 22:45 | 0.00                         |
| 03/16/87 23:00 | 0.00                         |
| 03/16/87 23:15 | 0.01                         |
| 03/16/87 23:30 | 0.00                         |
| 03/16/87 23:45 | 0.00                         |
| 03/17/87 00:15 | 0.00                         |
| 03/17/87 00:30 | 0.00                         |
| 03/17/87 00:45 | 0.00                         |
| 03/17/87 01:00 | 0.00                         |
| 03/17/87 01:15 | 0.00                         |
| 03/17/87 01:30 | 0.00                         |
| 03/17/87 01:45 | 0.00                         |
| 03/17/87 02:00 | 0.00                         |
| 03/17/87 02:15 | 0.00                         |
| 03/17/87 02:30 | 0.00                         |
| 03/17/87 02:45 | 0.00                         |
| 03/17/87 03:00 | 0.00                         |
| 03/17/87 03:15 | 0.00                         |
| 03/17/87 03:30 | 0.00                         |
| 03/17/87 03:45 | 0.00                         |
| 03/17/87 04:00 | 0.00                         |
| 03/17/87 04:15 | 0.00                         |
| 03/17/87 04:30 | 0.00                         |
| 03/17/87 04:45 | 0.00                         |
| 03/17/87 05:00 | 0.00                         |
| 03/17/87 05:15 | 0.00                         |
| 03/17/87 05:30 | 0.00                         |
| 03/17/87 05:45 | 0.00                         |
| 03/17/87 06:00 | 0.00                         |
| 03/17/87 07:00 | 0.00                         |
| 03/23/87 06:00 | 0.00                         |
| 03/23/87 06:15 | 0.00                         |
| 03/23/87 06:30 | 0.00                         |
| 03/23/87 06:45 | 0.00                         |
| 03/23/87 07:00 | 0.00                         |
| 03/28/87 15:00 | 0.00                         |
| 03/28/87 16:00 | 0.01                         |
| 03/28/87 17:00 | 0.00                         |
| 04/01/87 00:15 | 0.00                         |
| 04/13/87 04:00 | 0.00                         |
| 04/13/87 04:15 | 0.00                         |
| 04/13/87 04:30 | 0.00                         |
| 05/01/87 00:15 | 0.00                         |
| 05/03/87 05:45 | 0.00                         |
| 05/03/87 06:15 | 0.00                         |
| 05/03/87 06:45 | 0.00                         |
| 05/03/87 07:00 | 0.00                         |
| 05/03/87 21:00 | 0.02                         |
| 05/03/87 21:15 | 0.03                         |
| 05/03/87 21:30 | 0.02                         |
| 05/03/87 21:45 | 0.02                         |
| 05/03/87 22:00 | 0.03                         |
| 05/03/87 22:15 | 0.01                         |
| 05/03/87 22:45 | 0.00                         |
| 05/04/87 00:30 | 0.00                         |
| 05/04/87 01:45 | 0.01                         |
| 05/04/87 02:00 | 0.03                         |
| 05/04/87 02:15 | 0.02                         |
| 05/04/87 02:30 | 0.01                         |
| 05/04/87 02:45 | 0.00                         |
| 05/04/87 03:00 | 0.00                         |
| 05/04/87 03:30 | 0.00                         |
| 05/04/87 04:00 | 0.00                         |
| 05/04/87 09:30 | 0.00                         |
| 05/04/87 10:00 | 0.00                         |
| 05/04/87 10:45 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 05/07/87 18:15 | 0.00                         |
| 05/07/87 18:30 | 0.00                         |
| 05/07/87 18:45 | 0.00                         |
| 05/12/87 12:15 | 0.01                         |
| 05/12/87 12:30 | 0.00                         |
| 05/14/87 15:15 | 0.09                         |
| 05/14/87 15:30 | 0.06                         |
| 05/14/87 15:45 | 0.05                         |
| 05/14/87 16:00 | 0.03                         |
| 05/14/87 16:15 | 0.01                         |
| 05/14/87 16:30 | 0.01                         |
| 05/14/87 16:45 | 0.01                         |
| 05/14/87 17:00 | 0.01                         |
| 05/14/87 17:15 | 0.00                         |
| 05/14/87 17:30 | 0.00                         |
| 05/14/87 17:45 | 0.00                         |
| 05/14/87 18:00 | 0.00                         |
| 05/14/87 18:15 | 0.00                         |
| 05/14/87 18:30 | 0.00                         |
| 05/14/87 18:45 | 0.00                         |
| 05/14/87 19:00 | 0.00                         |
| 05/14/87 19:15 | 0.00                         |
| 05/14/87 19:30 | 0.00                         |
| 05/23/87 18:00 | 0.01                         |
| 05/23/87 18:15 | 0.03                         |
| 05/23/87 18:30 | 0.00                         |
| 05/24/87 11:00 | 0.00                         |
| 05/28/87 06:00 | 0.02                         |
| 05/28/87 07:00 | 0.00                         |
| 05/28/87 07:15 | 0.01                         |
| 05/28/87 07:30 | 0.01                         |
| 05/28/87 07:45 | 0.01                         |
| 05/28/87 08:00 | 0.00                         |
| 05/28/87 08:15 | 0.00                         |
| 05/28/87 08:30 | 0.00                         |
| 05/28/87 08:45 | 0.01                         |
| 05/28/87 09:00 | 0.01                         |
| 05/28/87 11:00 | 0.00                         |
| 05/28/87 11:15 | 0.01                         |
| 05/28/87 11:30 | 0.00                         |
| 05/28/87 12:00 | 0.00                         |
| 05/28/87 13:15 | 0.00                         |
| 05/28/87 13:45 | 0.00                         |
| 05/28/87 16:15 | 0.00                         |
| 05/28/87 17:00 | 0.00                         |
| 05/28/87 17:30 | 0.00                         |
| 05/28/87 17:45 | 0.01                         |
| 05/28/87 18:00 | 0.03                         |
| 05/28/87 18:15 | 0.04                         |
| 05/28/87 18:30 | 0.03                         |
| 05/28/87 18:45 | 0.04                         |
| 05/28/87 19:00 | 0.01                         |
| 05/28/87 19:15 | 0.01                         |
| 05/28/87 19:30 | 0.00                         |
| 05/28/87 19:45 | 0.00                         |
| 05/28/87 20:00 | 0.00                         |
| 05/28/87 20:15 | 0.00                         |
| 05/28/87 20:30 | 0.00                         |
| 05/28/87 20:45 | 0.00                         |
| 05/28/87 21:00 | 0.00                         |
| 05/28/87 21:15 | 0.00                         |
| 05/28/87 21:30 | 0.01                         |
| 05/28/87 21:45 | 0.01                         |
| 05/28/87 22:00 | 0.01                         |
| 05/28/87 22:15 | 0.00                         |
| 05/28/87 22:30 | 0.00                         |
| 05/28/87 22:45 | 0.00                         |
| 05/28/87 23:00 | 0.00                         |
| 05/28/87 23:15 | 0.00                         |
| 05/28/87 23:30 | 0.00                         |
| 05/28/87 23:45 | 0.00                         |
| 05/29/87 00:15 | 0.00                         |
| 05/29/87 00:30 | 0.00                         |
| 05/29/87 00:45 | 0.00                         |
| 05/29/87 01:00 | 0.00                         |
| 05/29/87 03:00 | 0.00                         |
| 05/29/87 05:45 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 05/29/87 06:15 | 0.00                         |
| 05/29/87 06:30 | 0.00                         |
| 05/29/87 06:45 | 0.00                         |
| 05/29/87 07:00 | 0.00                         |
| 05/29/87 07:15 | 0.00                         |
| 05/29/87 07:30 | 0.00                         |
| 05/29/87 07:45 | 0.00                         |
| 05/29/87 08:00 | 0.00                         |
| 05/30/87 19:45 | 0.05                         |
| 05/30/87 20:00 | 0.04                         |
| 05/30/87 20:15 | 0.01                         |
| 05/30/87 20:30 | 0.00                         |
| 06/01/87 00:15 | 0.00                         |
| 06/02/87 18:00 | 0.00                         |
| 06/02/87 18:15 | 0.00                         |
| 06/02/87 18:30 | 0.00                         |
| 06/03/87 02:45 | 0.02                         |
| 06/03/87 03:00 | 0.00                         |
| 06/03/87 03:30 | 0.00                         |
| 06/03/87 03:45 | 0.01                         |
| 06/03/87 04:00 | 0.02                         |
| 06/03/87 04:15 | 0.01                         |
| 06/03/87 04:30 | 0.00                         |
| 06/03/87 05:00 | 0.00                         |
| 06/03/87 05:15 | 0.00                         |
| 06/03/87 05:30 | 0.01                         |
| 06/03/87 05:45 | 0.00                         |
| 06/03/87 06:00 | 0.00                         |
| 06/03/87 06:15 | 0.00                         |
| 06/03/87 06:30 | 0.00                         |
| 06/03/87 06:45 | 0.00                         |
| 06/03/87 07:00 | 0.00                         |
| 06/03/87 07:15 | 0.00                         |
| 06/03/87 07:30 | 0.00                         |
| 06/03/87 07:45 | 0.00                         |
| 06/03/87 08:00 | 0.00                         |
| 06/03/87 08:15 | 0.00                         |
| 06/08/87 15:15 | 0.01                         |
| 06/08/87 15:30 | 0.00                         |
| 06/09/87 10:00 | 0.00                         |
| 06/09/87 10:30 | 0.00                         |
| 06/09/87 11:45 | 0.00                         |
| 06/09/87 12:15 | 0.00                         |
| 06/09/87 12:45 | 0.00                         |
| 06/09/87 13:15 | 0.00                         |
| 06/09/87 13:30 | 0.00                         |
| 06/09/87 13:45 | 0.00                         |
| 06/09/87 14:00 | 0.00                         |
| 06/09/87 14:30 | 0.00                         |
| 06/09/87 15:00 | 0.00                         |
| 06/09/87 17:30 | 0.00                         |
| 06/09/87 18:00 | 0.00                         |
| 06/09/87 18:45 | 0.00                         |
| 06/09/87 19:45 | 0.00                         |
| 06/09/87 20:30 | 0.00                         |
| 06/09/87 23:15 | 0.00                         |
| 06/10/87 00:15 | 0.00                         |
| 06/10/87 00:45 | 0.00                         |
| 06/10/87 04:15 | 0.00                         |
| 06/10/87 04:45 | 0.00                         |
| 06/10/87 05:30 | 0.00                         |
| 06/10/87 06:00 | 0.00                         |
| 06/10/87 06:15 | 0.00                         |
| 06/10/87 06:30 | 0.00                         |
| 06/10/87 09:15 | 0.02                         |
| 06/10/87 09:30 | 0.02                         |
| 06/10/87 09:45 | 0.00                         |
| 06/10/87 10:00 | 0.00                         |
| 06/10/87 11:15 | 0.00                         |
| 06/10/87 11:30 | 0.00                         |
| 06/10/87 11:45 | 0.00                         |
| 06/10/87 12:00 | 0.00                         |
| 06/10/87 12:45 | 0.00                         |
| 06/10/87 21:30 | 0.00                         |
| 06/10/87 22:00 | 0.00                         |
| 06/10/87 22:15 | 0.00                         |
| 06/10/87 22:30 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 06/11/87 17:00 | 0.00                         |
| 06/11/87 17:15 | 0.01                         |
| 06/11/87 17:30 | 0.01                         |
| 06/11/87 17:45 | 0.01                         |
| 06/11/87 18:00 | 0.01                         |
| 06/11/87 18:15 | 0.00                         |
| 06/11/87 18:30 | 0.00                         |
| 06/11/87 18:45 | 0.00                         |
| 06/11/87 19:00 | 0.00                         |
| 06/11/87 20:30 | 0.00                         |
| 06/11/87 21:00 | 0.00                         |
| 06/11/87 23:00 | 0.00                         |
| 06/15/87 09:00 | 0.01                         |
| 06/15/87 09:15 | 0.01                         |
| 06/15/87 09:30 | 0.01                         |
| 06/15/87 10:15 | 0.00                         |
| 06/15/87 10:30 | 0.00                         |
| 06/15/87 10:45 | 0.00                         |
| 06/16/87 00:15 | 0.00                         |
| 06/16/87 00:30 | 0.00                         |
| 06/16/87 00:45 | 0.00                         |
| 06/16/87 01:00 | 0.00                         |
| 06/16/87 02:15 | 0.00                         |
| 06/16/87 02:30 | 0.01                         |
| 06/16/87 02:45 | 0.03                         |
| 06/16/87 03:00 | 0.02                         |
| 06/16/87 03:15 | 0.03                         |
| 06/16/87 03:30 | 0.00                         |
| 06/16/87 03:45 | 0.00                         |
| 06/16/87 04:15 | 0.00                         |
| 06/16/87 04:45 | 0.00                         |
| 06/18/87 02:30 | 0.00                         |
| 06/18/87 02:45 | 0.00                         |
| 06/18/87 03:00 | 0.00                         |
| 06/18/87 03:15 | 0.00                         |
| 06/19/87 20:30 | 0.01                         |
| 06/19/87 20:45 | 0.02                         |
| 06/30/87 06:45 | 0.00                         |
| 06/30/87 07:00 | 0.02                         |
| 06/30/87 07:15 | 0.00                         |
| 06/30/87 19:45 | 0.00                         |
| 06/30/87 22:15 | 0.00                         |
| 06/30/87 22:45 | 0.00                         |
| 07/01/87 00:15 | 0.00                         |
| 07/02/87 09:30 | 0.00                         |
| 07/02/87 09:45 | 0.02                         |
| 07/02/87 10:00 | 0.01                         |
| 07/02/87 10:15 | 0.00                         |
| 07/02/87 10:30 | 0.00                         |
| 07/02/87 10:45 | 0.00                         |
| 07/02/87 11:00 | 0.00                         |
| 07/02/87 11:15 | 0.00                         |
| 07/02/87 11:30 | 0.00                         |
| 07/02/87 11:45 | 0.00                         |
| 07/02/87 12:00 | 0.00                         |
| 07/02/87 21:45 | 0.01                         |
| 07/02/87 22:00 | 0.01                         |
| 07/02/87 22:45 | 0.00                         |
| 07/03/87 00:45 | 0.00                         |
| 07/12/87 07:45 | 0.00                         |
| 07/12/87 08:00 | 0.00                         |
| 07/16/87 19:45 | 0.01                         |
| 07/16/87 20:00 | 0.01                         |
| 07/16/87 20:30 | 0.00                         |
| 07/17/87 06:15 | 0.00                         |
| 07/17/87 06:30 | 0.02                         |
| 07/17/87 07:00 | 0.00                         |
| 07/17/87 07:30 | 0.00                         |
| 07/23/87 16:00 | 0.01                         |
| 07/23/87 16:15 | 0.04                         |
| 07/23/87 16:30 | 0.00                         |
| 07/23/87 16:45 | 0.00                         |
| 08/01/87 00:15 | 0.00                         |
| 08/05/87 16:45 | 0.00                         |
| 08/05/87 17:00 | 0.00                         |
| 08/10/87 16:30 | 0.00                         |
| 08/10/87 16:45 | 0.02                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 08/10/87 17:00 | 0.00                         |
| 08/27/87 04:45 | 0.01                         |
| 08/27/87 05:00 | 0.03                         |
| 08/27/87 05:15 | 0.00                         |
| 08/27/87 05:30 | 0.00                         |
| 08/27/87 05:45 | 0.00                         |
| 08/27/87 06:00 | 0.00                         |
| 09/01/87 00:15 | 0.00                         |
| 09/09/87 08:30 | 0.00                         |
| 09/09/87 09:00 | 0.00                         |
| 09/10/87 05:15 | 0.00                         |
| 09/10/87 05:30 | 0.00                         |
| 09/10/87 06:30 | 0.01                         |
| 09/10/87 06:45 | 0.01                         |
| 09/10/87 07:00 | 0.00                         |
| 09/10/87 07:15 | 0.01                         |
| 09/10/87 07:30 | 0.01                         |
| 09/10/87 07:45 | 0.01                         |
| 09/12/87 07:45 | 0.01                         |
| 09/12/87 08:00 | 0.02                         |
| 09/12/87 08:15 | 0.01                         |
| 09/12/87 08:30 | 0.00                         |
| 09/12/87 08:45 | 0.01                         |
| 09/12/87 09:00 | 0.00                         |
| 09/12/87 09:30 | 0.00                         |
| 09/14/87 16:45 | 0.00                         |
| 09/14/87 17:00 | 0.01                         |
| 09/14/87 17:15 | 0.00                         |
| 09/14/87 17:30 | 0.00                         |
| 09/14/87 22:00 | 0.01                         |
| 09/14/87 22:15 | 0.06                         |
| 09/14/87 22:30 | 0.02                         |
| 09/14/87 22:45 | 0.00                         |
| 09/15/87 05:00 | 0.03                         |
| 09/15/87 05:15 | 0.00                         |
| 09/15/87 06:30 | 0.00                         |
| 09/15/87 06:45 | 0.00                         |
| 09/15/87 07:00 | 0.00                         |
| 09/15/87 07:15 | 0.00                         |
| 09/15/87 07:30 | 0.00                         |
| 09/15/87 14:30 | 0.01                         |
| 09/15/87 14:45 | 0.00                         |
| 10/01/87 00:15 | 0.00                         |
| 10/18/87 14:00 | 0.02                         |
| 10/18/87 14:15 | 0.00                         |
| 10/18/87 14:30 | 0.00                         |
| 10/18/87 14:45 | 0.00                         |
| 10/18/87 15:00 | 0.00                         |
| 10/18/87 15:15 | 0.01                         |
| 10/18/87 15:30 | 0.01                         |
| 10/18/87 15:45 | 0.01                         |
| 10/18/87 16:00 | 0.01                         |
| 10/19/87 09:15 | 0.00                         |
| 10/19/87 09:30 | 0.00                         |
| 10/19/87 09:45 | 0.00                         |
| 10/19/87 10:00 | 0.00                         |
| 10/19/87 10:15 | 0.01                         |
| 10/19/87 10:30 | 0.00                         |
| 10/19/87 10:45 | 0.00                         |
| 10/19/87 11:00 | 0.01                         |
| 10/19/87 11:15 | 0.00                         |
| 10/19/87 11:30 | 0.00                         |
| 10/19/87 11:45 | 0.00                         |
| 10/19/87 12:00 | 0.00                         |
| 10/19/87 12:30 | 0.00                         |
| 10/19/87 13:00 | 0.00                         |
| 11/01/87 00:15 | 0.00                         |
| 11/08/87 08:00 | 0.01                         |
| 11/08/87 08:15 | 0.03                         |
| 11/08/87 08:30 | 0.02                         |
| 11/08/87 08:45 | 0.01                         |
| 11/08/87 09:00 | 0.00                         |
| 11/08/87 09:45 | 0.00                         |
| 11/08/87 10:00 | 0.00                         |
| 11/08/87 10:15 | 0.00                         |
| 11/08/87 10:30 | 0.00                         |
| 11/08/87 10:45 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 11/08/87 11:00 | 0.00                         |
| 11/08/87 11:15 | 0.00                         |
| 11/08/87 23:30 | 0.00                         |
| 11/08/87 23:45 | 0.00                         |
| 11/09/87 00:15 | 0.00                         |
| 11/09/87 00:30 | 0.00                         |
| 11/09/87 00:45 | 0.00                         |
| 11/09/87 01:00 | 0.00                         |
| 11/09/87 01:15 | 0.00                         |
| 11/09/87 01:45 | 0.00                         |
| 11/09/87 02:15 | 0.00                         |
| 11/09/87 02:30 | 0.00                         |
| 11/09/87 02:45 | 0.00                         |
| 11/09/87 03:00 | 0.00                         |
| 11/09/87 03:15 | 0.00                         |
| 11/09/87 03:30 | 0.00                         |
| 11/09/87 03:45 | 0.00                         |
| 11/09/87 04:00 | 0.00                         |
| 11/09/87 04:30 | 0.00                         |
| 11/09/87 04:45 | 0.00                         |
| 11/09/87 05:00 | 0.00                         |
| 11/09/87 05:15 | 0.00                         |
| 11/09/87 05:30 | 0.00                         |
| 11/09/87 06:00 | 0.00                         |
| 11/09/87 06:15 | 0.00                         |
| 11/09/87 06:30 | 0.00                         |
| 11/09/87 06:45 | 0.00                         |
| 11/09/87 07:15 | 0.00                         |
| 11/09/87 07:30 | 0.00                         |
| 11/09/87 07:45 | 0.00                         |
| 11/09/87 08:00 | 0.00                         |
| 11/09/87 08:15 | 0.00                         |
| 11/09/87 08:30 | 0.00                         |
| 11/09/87 08:45 | 0.00                         |
| 11/09/87 09:00 | 0.00                         |
| 11/09/87 09:15 | 0.00                         |
| 11/09/87 09:30 | 0.00                         |
| 11/09/87 09:45 | 0.00                         |
| 11/09/87 10:15 | 0.00                         |
| 11/09/87 10:30 | 0.00                         |
| 11/09/87 10:45 | 0.00                         |
| 11/09/87 11:00 | 0.00                         |
| 11/09/87 11:15 | 0.00                         |
| 11/09/87 11:45 | 0.00                         |
| 11/09/87 12:00 | 0.00                         |
| 11/09/87 12:15 | 0.00                         |
| 11/09/87 13:00 | 0.00                         |
| 11/09/87 15:15 | 0.00                         |
| 11/09/87 15:30 | 0.00                         |
| 11/09/87 15:45 | 0.00                         |
| 11/09/87 16:15 | 0.00                         |
| 11/09/87 16:45 | 0.00                         |
| 11/09/87 17:00 | 0.00                         |
| 11/09/87 17:15 | 0.00                         |
| 11/09/87 17:30 | 0.00                         |
| 11/09/87 18:00 | 0.00                         |
| 11/09/87 18:30 | 0.00                         |
| 11/09/87 18:45 | 0.00                         |
| 11/09/87 19:00 | 0.00                         |
| 11/09/87 19:15 | 0.00                         |
| 11/09/87 19:30 | 0.00                         |
| 11/09/87 19:45 | 0.00                         |
| 11/09/87 20:00 | 0.00                         |
| 11/09/87 20:15 | 0.00                         |
| 11/15/87 10:00 | 0.00                         |
| 11/15/87 10:30 | 0.03                         |
| 11/15/87 10:45 | 0.08                         |
| 11/15/87 11:00 | 0.03                         |
| 11/15/87 11:15 | 0.01                         |
| 11/15/87 11:30 | 0.01                         |
| 11/15/87 11:45 | 0.01                         |
| 11/15/87 12:00 | 0.01                         |
| 11/15/87 12:15 | 0.00                         |
| 11/15/87 12:30 | 0.00                         |
| 11/15/87 12:45 | 0.00                         |
| 11/15/87 13:00 | 0.00                         |
| 11/15/87 13:15 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 11/15/87 13:30 | 0.00                         |
| 11/15/87 13:45 | 0.00                         |
| 11/15/87 14:00 | 0.00                         |
| 11/15/87 14:15 | 0.00                         |
| 11/15/87 14:30 | 0.00                         |
| 11/15/87 14:45 | 0.00                         |
| 11/15/87 15:00 | 0.00                         |
| 11/15/87 15:15 | 0.00                         |
| 11/15/87 15:45 | 0.00                         |
| 11/15/87 16:00 | 0.00                         |
| 11/15/87 16:15 | 0.00                         |
| 11/15/87 16:45 | 0.00                         |
| 11/16/87 05:45 | 0.00                         |
| 11/16/87 06:45 | 0.00                         |
| 11/16/87 07:15 | 0.00                         |
| 11/16/87 07:30 | 0.00                         |
| 11/16/87 07:45 | 0.00                         |
| 11/16/87 08:00 | 0.00                         |
| 11/16/87 08:15 | 0.00                         |
| 11/16/87 08:30 | 0.00                         |
| 11/16/87 08:45 | 0.00                         |
| 11/16/87 09:00 | 0.00                         |
| 11/16/87 09:15 | 0.00                         |
| 11/16/87 09:45 | 0.00                         |
| 11/18/87 15:15 | 0.00                         |
| 11/18/87 15:30 | 0.00                         |
| 11/18/87 15:45 | 0.00                         |
| 11/18/87 16:00 | 0.00                         |
| 11/18/87 16:15 | 0.00                         |
| 11/18/87 16:30 | 0.00                         |
| 11/18/87 16:45 | 0.00                         |
| 11/18/87 17:00 | 0.00                         |
| 11/18/87 17:15 | 0.00                         |
| 11/18/87 17:30 | 0.00                         |
| 11/18/87 17:45 | 0.00                         |
| 11/18/87 18:00 | 0.00                         |
| 11/18/87 18:15 | 0.00                         |
| 11/18/87 18:30 | 0.00                         |
| 11/18/87 18:45 | 0.00                         |
| 11/25/87 08:45 | 0.01                         |
| 11/25/87 09:00 | 0.01                         |
| 11/25/87 09:15 | 0.00                         |
| 11/25/87 09:30 | 0.00                         |
| 11/25/87 09:45 | 0.00                         |
| 11/25/87 22:45 | 0.00                         |
| 11/25/87 23:00 | 0.01                         |
| 11/25/87 23:15 | 0.01                         |
| 11/25/87 23:30 | 0.02                         |
| 11/25/87 23:45 | 0.01                         |
| 11/26/87 00:15 | 0.01                         |
| 11/26/87 00:30 | 0.01                         |
| 11/26/87 00:45 | 0.00                         |
| 11/26/87 01:00 | 0.00                         |
| 11/26/87 01:15 | 0.00                         |
| 11/26/87 01:30 | 0.00                         |
| 11/26/87 01:45 | 0.00                         |
| 11/26/87 02:00 | 0.00                         |
| 11/27/87 02:00 | 0.00                         |
| 11/27/87 02:15 | 0.00                         |
| 11/27/87 02:30 | 0.00                         |
| 11/27/87 03:30 | 0.00                         |
| 11/27/87 04:00 | 0.00                         |
| 11/27/87 04:15 | 0.00                         |
| 11/27/87 04:30 | 0.00                         |
| 11/27/87 05:00 | 0.00                         |
| 12/01/87 00:15 | 0.00                         |
| 12/06/87 12:15 | 0.00                         |
| 12/06/87 13:00 | 0.00                         |
| 12/06/87 13:30 | 0.00                         |
| 12/13/87 10:00 | 0.01                         |
| 12/13/87 10:15 | 0.00                         |
| 12/13/87 11:15 | 0.01                         |
| 12/13/87 12:15 | 0.00                         |
| 12/13/87 13:00 | 0.00                         |
| 12/13/87 16:15 | 0.00                         |
| 12/13/87 17:00 | 0.00                         |
| 12/13/87 22:30 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 12/13/87 23:15 | 0.00                         |
| 12/14/87 01:00 | 0.00                         |
| 12/14/87 02:00 | 0.00                         |
| 12/14/87 02:15 | 0.00                         |
| 12/14/87 02:30 | 0.00                         |
| 12/14/87 04:15 | 0.00                         |
| 12/14/87 04:30 | 0.00                         |
| 12/14/87 04:45 | 0.00                         |
| 12/14/87 05:00 | 0.00                         |
| 12/14/87 05:30 | 0.00                         |
| 12/14/87 05:45 | 0.01                         |
| 12/14/87 06:00 | 0.00                         |
| 12/14/87 06:15 | 0.01                         |
| 12/14/87 10:45 | 0.00                         |
| 12/14/87 11:00 | 0.00                         |
| 12/18/87 23:15 | 0.00                         |
| 12/19/87 00:15 | 0.01                         |
| 12/19/87 00:30 | 0.00                         |
| 12/19/87 00:45 | 0.00                         |
| 12/19/87 01:15 | 0.00                         |
| 12/19/87 02:30 | 0.00                         |
| 12/19/87 03:45 | 0.00                         |
| 12/19/87 04:30 | 0.00                         |
| 12/19/87 04:45 | 0.00                         |
| 12/19/87 05:00 | 0.01                         |
| 12/19/87 05:15 | 0.00                         |
| 12/19/87 05:30 | 0.00                         |
| 12/19/87 05:45 | 0.01                         |
| 12/19/87 06:00 | 0.01                         |
| 12/19/87 06:15 | 0.01                         |
| 12/19/87 07:00 | 0.00                         |
| 12/19/87 08:00 | 0.03                         |
| 12/19/87 09:15 | 0.00                         |
| 12/19/87 09:45 | 0.01                         |
| 12/19/87 10:00 | 0.02                         |
| 12/19/87 10:15 | 0.00                         |
| 12/19/87 10:30 | 0.00                         |
| 12/19/87 10:45 | 0.00                         |
| 12/19/87 11:00 | 0.00                         |
| 12/19/87 11:15 | 0.00                         |
| 12/19/87 11:30 | 0.00                         |
| 12/19/87 11:45 | 0.00                         |
| 12/19/87 12:00 | 0.01                         |
| 12/19/87 12:15 | 0.00                         |
| 12/24/87 06:15 | 0.01                         |
| 12/24/87 06:30 | 0.00                         |
| 12/24/87 07:15 | 0.00                         |
| 12/24/87 08:00 | 0.00                         |
| 12/24/87 08:30 | 0.01                         |
| 12/24/87 08:45 | 0.00                         |
| 12/24/87 09:00 | 0.00                         |
| 12/24/87 09:15 | 0.00                         |
| 12/24/87 11:15 | 0.00                         |
| 12/24/87 11:45 | 0.00                         |
| 12/24/87 12:00 | 0.00                         |
| 12/24/87 13:45 | 0.00                         |
| 12/24/87 14:30 | 0.00                         |
| 12/24/87 15:30 | 0.00                         |
| 12/24/87 17:15 | 0.00                         |
| 12/24/87 18:45 | 0.00                         |
| 12/25/87 01:00 | 0.00                         |
| 12/25/87 03:00 | 0.00                         |
| 12/25/87 04:30 | 0.00                         |
| 12/25/87 08:45 | 0.00                         |
| 12/25/87 10:00 | 0.00                         |
| 12/25/87 10:30 | 0.00                         |
| 12/25/87 11:00 | 0.00                         |
| 12/25/87 11:45 | 0.00                         |
| 12/25/87 12:30 | 0.00                         |
| 12/25/87 12:45 | 0.00                         |
| 12/25/87 13:00 | 0.00                         |
| 12/25/87 13:15 | 0.00                         |
| 12/25/87 13:30 | 0.00                         |
| 12/25/87 13:45 | 0.00                         |
| 12/25/87 14:00 | 0.00                         |
| 12/25/87 14:15 | 0.00                         |
| 12/25/87 14:30 | 0.00                         |



| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 12/25/87 14:45 | 0.00                         |
| 12/25/87 15:00 | 0.00                         |
| 12/25/87 15:30 | 0.00                         |
| 12/25/87 16:00 | 0.00                         |
| 12/25/87 16:15 | 0.00                         |
| 12/25/87 16:30 | 0.00                         |
| 12/25/87 16:45 | 0.00                         |
| 12/25/87 17:00 | 0.00                         |
| 12/25/87 17:15 | 0.00                         |
| 12/25/87 17:30 | 0.00                         |
| 12/25/87 17:45 | 0.00                         |
| 12/25/87 18:30 | 0.00                         |
| 12/25/87 18:45 | 0.01                         |
| 12/25/87 19:00 | 0.01                         |
| 12/25/87 19:15 | 0.00                         |
| 12/25/87 19:30 | 0.00                         |
| 12/25/87 19:45 | 0.00                         |
| 12/25/87 20:00 | 0.00                         |
| 12/25/87 20:15 | 0.00                         |
| 12/25/87 20:30 | 0.00                         |
| 12/25/87 20:45 | 0.00                         |
| 12/25/87 21:00 | 0.00                         |
| 12/25/87 21:15 | 0.00                         |
| 12/25/87 21:30 | 0.00                         |
| 12/25/87 21:45 | 0.00                         |
| 12/25/87 22:00 | 0.00                         |
| 12/25/87 22:45 | 0.00                         |
| 12/26/87 01:15 | 0.00                         |
| 12/26/87 01:45 | 0.00                         |
| 12/26/87 02:00 | 0.00                         |
| 12/26/87 02:15 | 0.00                         |
| 12/26/87 02:30 | 0.00                         |
| 12/26/87 02:45 | 0.00                         |
| 12/26/87 10:45 | 0.01                         |
| 12/26/87 11:00 | 0.00                         |
| 12/26/87 11:45 | 0.00                         |
| 12/26/87 13:45 | 0.00                         |
| 12/26/87 14:00 | 0.00                         |
| 12/26/87 14:30 | 0.00                         |
| 12/26/87 15:00 | 0.00                         |
| 12/26/87 16:00 | 0.00                         |
| 12/26/87 16:30 | 0.00                         |
| 01/01/88 00:15 | 0.00                         |
| 01/06/88 08:00 | 0.00                         |
| 01/07/88 07:00 | 0.08                         |
| 01/18/88 21:15 | 0.00                         |
| 01/18/88 21:30 | 0.00                         |
| 02/01/88 00:15 | 0.00                         |
| 02/05/88 10:30 | 0.01                         |
| 02/05/88 11:00 | 0.00                         |
| 02/05/88 11:30 | 0.00                         |
| 02/05/88 12:00 | 0.00                         |
| 02/11/88 13:15 | 0.00                         |
| 02/11/88 13:30 | 0.00                         |
| 02/11/88 14:00 | 0.00                         |
| 02/17/88 18:15 | 0.00                         |
| 02/17/88 18:45 | 0.01                         |
| 02/17/88 19:00 | 0.01                         |
| 02/17/88 19:15 | 0.01                         |
| 02/17/88 19:30 | 0.02                         |
| 02/17/88 19:45 | 0.00                         |
| 02/17/88 20:45 | 0.00                         |
| 02/17/88 22:00 | 0.00                         |
| 02/18/88 01:45 | 0.00                         |
| 02/18/88 02:30 | 0.00                         |
| 02/18/88 03:15 | 0.00                         |
| 02/18/88 05:00 | 0.00                         |
| 02/18/88 06:30 | 0.00                         |
| 02/18/88 07:15 | 0.00                         |
| 02/18/88 08:00 | 0.00                         |
| 02/18/88 08:30 | 0.00                         |
| 02/18/88 08:45 | 0.00                         |
| 02/18/88 09:00 | 0.00                         |
| 02/18/88 09:15 | 0.00                         |
| 02/18/88 09:30 | 0.00                         |
| 02/18/88 09:45 | 0.00                         |
| 02/18/88 10:00 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 02/18/88 10:15 | 0.00                         |
| 02/18/88 10:45 | 0.00                         |
| 02/18/88 11:15 | 0.00                         |
| 02/18/88 11:30 | 0.00                         |
| 02/18/88 11:45 | 0.00                         |
| 02/18/88 12:00 | 0.00                         |
| 02/18/88 12:30 | 0.00                         |
| 02/18/88 13:15 | 0.00                         |
| 02/18/88 13:30 | 0.00                         |
| 02/18/88 13:45 | 0.00                         |
| 02/18/88 14:00 | 0.00                         |
| 02/18/88 14:15 | 0.00                         |
| 02/18/88 14:30 | 0.00                         |
| 02/18/88 14:45 | 0.00                         |
| 02/18/88 15:00 | 0.00                         |
| 02/18/88 15:15 | 0.00                         |
| 02/18/88 18:30 | 0.00                         |
| 02/18/88 19:00 | 0.00                         |
| 02/18/88 19:30 | 0.00                         |
| 02/18/88 19:45 | 0.00                         |
| 02/18/88 20:00 | 0.00                         |
| 03/01/88 00:15 | 0.00                         |
| 03/02/88 08:30 | 0.00                         |
| 03/02/88 08:45 | 0.00                         |
| 03/02/88 09:00 | 0.00                         |
| 03/02/88 09:15 | 0.01                         |
| 03/02/88 09:30 | 0.01                         |
| 03/02/88 09:45 | 0.00                         |
| 03/02/88 10:15 | 0.00                         |
| 03/02/88 11:00 | 0.00                         |
| 03/02/88 11:15 | 0.00                         |
| 03/02/88 11:45 | 0.00                         |
| 03/02/88 12:15 | 0.00                         |
| 03/02/88 12:30 | 0.00                         |
| 03/02/88 12:45 | 0.01                         |
| 03/02/88 13:00 | 0.01                         |
| 03/02/88 13:15 | 0.01                         |
| 03/02/88 13:30 | 0.01                         |
| 03/02/88 13:45 | 0.01                         |
| 03/02/88 14:00 | 0.00                         |
| 03/02/88 14:30 | 0.00                         |
| 03/02/88 15:00 | 0.00                         |
| 03/11/88 16:45 | 0.00                         |
| 03/11/88 17:00 | 0.01                         |
| 03/11/88 17:15 | 0.00                         |
| 03/11/88 17:45 | 0.00                         |
| 03/17/88 11:15 | 0.00                         |
| 03/17/88 11:30 | 0.01                         |
| 03/17/88 11:45 | 0.01                         |
| 03/17/88 12:00 | 0.00                         |
| 03/17/88 12:15 | 0.00                         |
| 03/17/88 12:30 | 0.00                         |
| 03/17/88 12:45 | 0.00                         |
| 03/17/88 13:00 | 0.00                         |
| 03/17/88 13:15 | 0.00                         |
| 03/17/88 13:30 | 0.00                         |
| 03/28/88 11:45 | 0.00                         |
| 03/28/88 12:00 | 0.00                         |
| 03/29/88 04:15 | 0.00                         |
| 03/29/88 04:30 | 0.00                         |
| 03/29/88 04:45 | 0.00                         |
| 03/29/88 05:00 | 0.00                         |
| 03/29/88 05:30 | 0.00                         |
| 03/29/88 06:45 | 0.00                         |
| 03/29/88 07:00 | 0.00                         |
| 03/29/88 07:15 | 0.00                         |
| 03/29/88 07:30 | 0.00                         |
| 03/29/88 08:00 | 0.01                         |
| 03/29/88 08:15 | 0.04                         |
| 03/29/88 08:30 | 0.01                         |
| 03/29/88 08:45 | 0.01                         |
| 03/29/88 09:00 | 0.00                         |
| 03/29/88 09:15 | 0.00                         |
| 03/29/88 09:30 | 0.01                         |
| 03/29/88 09:45 | 0.01                         |
| 03/29/88 10:00 | 0.00                         |
| 04/01/88 00:15 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 04/01/88 13:30 | 0.02                         |
| 04/01/88 13:45 | 0.01                         |
| 04/01/88 14:00 | 0.02                         |
| 04/17/88 13:00 | 0.02                         |
| 04/17/88 13:15 | 0.02                         |
| 04/17/88 13:30 | 0.02                         |
| 04/17/88 13:45 | 0.01                         |
| 04/17/88 14:15 | 0.01                         |
| 04/17/88 14:30 | 0.01                         |
| 04/17/88 14:45 | 0.01                         |
| 04/22/88 22:30 | 0.00                         |
| 04/22/88 22:45 | 0.00                         |
| 04/22/88 23:00 | 0.00                         |
| 04/25/88 05:30 | 0.00                         |
| 04/25/88 05:45 | 0.00                         |
| 04/29/88 13:30 | 0.01                         |
| 04/29/88 13:45 | 0.01                         |
| 04/29/88 14:00 | 0.00                         |
| 05/01/88 00:15 | 0.00                         |
| 05/16/88 01:45 | 0.00                         |
| 05/16/88 02:15 | 0.00                         |
| 05/16/88 03:45 | 0.00                         |
| 05/20/88 15:15 | 0.00                         |
| 05/20/88 15:30 | 0.00                         |
| 05/20/88 15:45 | 0.00                         |
| 05/20/88 16:00 | 0.00                         |
| 05/20/88 16:15 | 0.00                         |
| 05/20/88 16:45 | 0.00                         |
| 05/20/88 17:45 | 0.00                         |
| 05/20/88 20:00 | 0.00                         |
| 05/29/88 14:00 | 0.02                         |
| 05/29/88 14:15 | 0.02                         |
| 05/29/88 14:30 | 0.00                         |
| 05/31/88 18:45 | 0.00                         |
| 05/31/88 19:00 | 0.01                         |
| 05/31/88 19:15 | 0.01                         |
| 05/31/88 19:30 | 0.02                         |
| 05/31/88 19:45 | 0.01                         |
| 05/31/88 20:00 | 0.01                         |
| 05/31/88 20:15 | 0.01                         |
| 05/31/88 20:30 | 0.00                         |
| 05/31/88 23:45 | 0.03                         |
| 06/01/88 00:15 | 0.01                         |
| 06/01/88 00:30 | 0.01                         |
| 06/01/88 00:45 | 0.01                         |
| 06/01/88 01:00 | 0.01                         |
| 06/01/88 01:15 | 0.01                         |
| 06/01/88 01:30 | 0.01                         |
| 06/01/88 01:45 | 0.01                         |
| 06/01/88 02:00 | 0.01                         |
| 06/01/88 02:15 | 0.01                         |
| 06/01/88 02:30 | 0.01                         |
| 06/01/88 02:45 | 0.01                         |
| 06/01/88 03:00 | 0.01                         |
| 06/01/88 03:15 | 0.01                         |
| 06/01/88 03:30 | 0.01                         |
| 06/01/88 03:45 | 0.01                         |
| 06/01/88 04:00 | 0.01                         |
| 06/01/88 04:15 | 0.01                         |
| 06/01/88 04:30 | 0.01                         |
| 06/01/88 04:45 | 0.00                         |
| 06/01/88 05:00 | 0.00                         |
| 06/01/88 05:15 | 0.00                         |
| 06/01/88 05:30 | 0.00                         |
| 06/01/88 05:45 | 0.00                         |
| 06/01/88 06:00 | 0.00                         |
| 06/01/88 06:15 | 0.00                         |
| 06/01/88 06:30 | 0.00                         |
| 06/01/88 06:45 | 0.00                         |
| 06/01/88 07:00 | 0.00                         |
| 06/01/88 07:15 | 0.00                         |
| 06/03/88 05:30 | 0.00                         |
| 06/03/88 05:45 | 0.01                         |
| 06/03/88 06:00 | 0.01                         |
| 06/03/88 06:15 | 0.00                         |
| 06/03/88 07:45 | 0.00                         |
| 06/03/88 08:15 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 06/03/88 08:30 | 0.00                         |
| 06/03/88 08:45 | 0.00                         |
| 06/03/88 09:00 | 0.00                         |
| 06/03/88 09:45 | 0.00                         |
| 06/03/88 10:15 | 0.00                         |
| 06/03/88 11:00 | 0.00                         |
| 06/25/88 20:30 | 0.00                         |
| 06/25/88 20:45 | 0.00                         |
| 06/25/88 21:00 | 0.00                         |
| 06/26/88 04:00 | 0.01                         |
| 06/26/88 04:15 | 0.02                         |
| 06/26/88 04:30 | 0.01                         |
| 06/26/88 04:45 | 0.01                         |
| 06/26/88 05:00 | 0.00                         |
| 06/29/88 13:45 | 0.00                         |
| 06/29/88 14:00 | 0.00                         |
| 06/29/88 14:15 | 0.00                         |
| 06/29/88 14:45 | 0.00                         |
| 06/29/88 15:00 | 0.00                         |
| 06/29/88 15:15 | 0.00                         |
| 06/29/88 15:30 | 0.01                         |
| 06/29/88 15:45 | 0.01                         |
| 06/29/88 16:15 | 0.00                         |
| 06/29/88 16:30 | 0.00                         |
| 06/29/88 17:00 | 0.00                         |
| 07/01/88 00:15 | 0.00                         |
| 07/05/88 20:15 | 0.00                         |
| 07/05/88 20:30 | 0.00                         |
| 07/05/88 20:45 | 0.00                         |
| 07/05/88 21:00 | 0.00                         |
| 07/11/88 09:00 | 0.00                         |
| 07/11/88 09:30 | 0.00                         |
| 07/11/88 10:00 | 0.00                         |
| 07/11/88 10:15 | 0.00                         |
| 07/11/88 10:30 | 0.00                         |
| 07/11/88 10:45 | 0.00                         |
| 07/11/88 11:00 | 0.00                         |
| 07/11/88 11:15 | 0.00                         |
| 07/11/88 11:30 | 0.00                         |
| 07/11/88 11:45 | 0.00                         |
| 07/11/88 22:45 | 0.01                         |
| 07/11/88 23:00 | 0.02                         |
| 07/11/88 23:45 | 0.00                         |
| 07/12/88 00:15 | 0.01                         |
| 07/12/88 00:30 | 0.01                         |
| 07/12/88 01:45 | 0.00                         |
| 07/12/88 02:15 | 0.01                         |
| 07/12/88 03:15 | 0.01                         |
| 07/12/88 04:00 | 0.00                         |
| 07/12/88 04:15 | 0.02                         |
| 07/12/88 19:15 | 0.03                         |
| 07/12/88 19:30 | 0.02                         |
| 07/12/88 19:45 | 0.01                         |
| 07/19/88 21:30 | 0.04                         |
| 07/19/88 21:45 | 0.05                         |
| 07/19/88 22:00 | 0.03                         |
| 07/19/88 22:15 | 0.00                         |
| 07/19/88 22:30 | 0.00                         |
| 07/19/88 22:45 | 0.00                         |
| 07/19/88 23:00 | 0.00                         |
| 07/19/88 23:30 | 0.00                         |
| 07/20/88 00:15 | 0.00                         |
| 07/20/88 00:30 | 0.00                         |
| 07/20/88 00:45 | 0.00                         |
| 07/20/88 01:00 | 0.00                         |
| 07/20/88 01:15 | 0.00                         |
| 07/20/88 01:30 | 0.00                         |
| 07/20/88 01:45 | 0.00                         |
| 07/20/88 02:15 | 0.00                         |
| 08/01/88 00:15 | 0.00                         |
| 08/18/88 13:15 | 0.01                         |
| 08/18/88 13:30 | 0.01                         |
| 08/20/88 05:30 | 0.00                         |
| 08/23/88 18:45 | 0.01                         |
| 08/23/88 19:00 | 0.02                         |
| 08/23/88 19:15 | 0.02                         |
| 08/29/88 02:45 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 08/29/88 03:00 | 0.00                         |
| 08/29/88 03:15 | 0.00                         |
| 08/29/88 03:30 | 0.00                         |
| 08/29/88 03:45 | 0.00                         |
| 08/29/88 05:30 | 0.00                         |
| 08/29/88 05:45 | 0.00                         |
| 08/29/88 06:00 | 0.00                         |
| 08/29/88 06:15 | 0.01                         |
| 08/29/88 06:30 | 0.00                         |
| 08/29/88 06:45 | 0.00                         |
| 08/29/88 07:00 | 0.00                         |
| 08/29/88 07:15 | 0.00                         |
| 08/29/88 07:30 | 0.01                         |
| 08/29/88 07:45 | 0.01                         |
| 08/29/88 08:00 | 0.01                         |
| 08/29/88 08:15 | 0.00                         |
| 08/29/88 08:30 | 0.00                         |
| 09/01/88 00:15 | 0.00                         |
| 09/02/88 21:45 | 0.01                         |
| 09/02/88 22:00 | 0.01                         |
| 09/02/88 22:15 | 0.00                         |
| 09/02/88 22:30 | 0.01                         |
| 09/02/88 22:45 | 0.02                         |
| 09/02/88 23:00 | 0.04                         |
| 09/02/88 23:15 | 0.03                         |
| 09/02/88 23:30 | 0.03                         |
| 09/02/88 23:45 | 0.04                         |
| 09/03/88 00:15 | 0.01                         |
| 09/03/88 00:30 | 0.00                         |
| 09/03/88 01:15 | 0.00                         |
| 09/03/88 01:45 | 0.00                         |
| 09/03/88 05:30 | 0.00                         |
| 09/03/88 05:45 | 0.01                         |
| 09/03/88 06:00 | 0.04                         |
| 09/03/88 06:15 | 0.07                         |
| 09/03/88 06:30 | 0.03                         |
| 09/03/88 06:45 | 0.01                         |
| 09/03/88 07:00 | 0.00                         |
| 09/03/88 07:15 | 0.00                         |
| 09/03/88 07:30 | 0.01                         |
| 09/03/88 07:45 | 0.00                         |
| 09/03/88 08:00 | 0.01                         |
| 09/03/88 08:15 | 0.01                         |
| 09/03/88 08:30 | 0.00                         |
| 09/03/88 08:45 | 0.01                         |
| 09/03/88 09:00 | 0.00                         |
| 09/03/88 09:30 | 0.00                         |
| 09/03/88 09:45 | 0.00                         |
| 09/17/88 18:00 | 0.01                         |
| 09/24/88 00:15 | 0.05                         |
| 09/24/88 00:30 | 0.00                         |
| 09/24/88 01:00 | 0.00                         |
| 09/24/88 01:15 | 0.00                         |
| 09/24/88 01:30 | 0.00                         |
| 09/24/88 02:00 | 0.01                         |
| 09/24/88 02:15 | 0.01                         |
| 09/29/88 02:15 | 0.00                         |
| 09/29/88 02:30 | 0.02                         |
| 09/29/88 02:45 | 0.00                         |
| 09/29/88 03:00 | 0.00                         |
| 09/29/88 03:30 | 0.00                         |
| 09/29/88 04:00 | 0.00                         |
| 09/29/88 04:15 | 0.00                         |
| 09/29/88 04:30 | 0.00                         |
| 09/29/88 04:45 | 0.00                         |
| 09/29/88 05:00 | 0.00                         |
| 09/29/88 07:00 | 0.00                         |
| 09/29/88 07:15 | 0.00                         |
| 09/29/88 07:30 | 0.00                         |
| 09/29/88 07:45 | 0.00                         |
| 09/29/88 08:45 | 0.00                         |
| 09/29/88 11:15 | 0.00                         |
| 09/29/88 11:30 | 0.00                         |
| 09/29/88 11:45 | 0.00                         |
| 09/29/88 12:00 | 0.00                         |
| 09/29/88 18:15 | 0.00                         |
| 09/29/88 18:30 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 09/29/88 20:45 | 0.01                         |
| 09/29/88 22:00 | 0.00                         |
| 09/29/88 22:15 | 0.01                         |
| 09/29/88 22:45 | 0.00                         |
| 09/29/88 23:00 | 0.00                         |
| 09/29/88 23:15 | 0.01                         |
| 09/29/88 23:30 | 0.01                         |
| 09/29/88 23:45 | 0.01                         |
| 09/30/88 00:15 | 0.00                         |
| 09/30/88 00:30 | 0.00                         |
| 09/30/88 00:45 | 0.00                         |
| 09/30/88 01:00 | 0.00                         |
| 09/30/88 01:15 | 0.00                         |
| 09/30/88 01:30 | 0.00                         |
| 09/30/88 01:45 | 0.00                         |
| 09/30/88 02:00 | 0.00                         |
| 09/30/88 02:15 | 0.00                         |
| 09/30/88 02:30 | 0.00                         |
| 09/30/88 02:45 | 0.00                         |
| 10/01/88 00:15 | 0.00                         |
| 10/01/88 18:30 | 0.00                         |
| 10/01/88 18:45 | 0.00                         |
| 10/08/88 11:45 | 0.00                         |
| 10/08/88 12:00 | 0.00                         |
| 10/08/88 12:15 | 0.00                         |
| 10/08/88 12:30 | 0.00                         |
| 10/08/88 12:45 | 0.00                         |
| 10/25/88 08:00 | 0.00                         |
| 10/26/88 07:00 | 0.01                         |
| 10/27/88 22:15 | 0.00                         |
| 10/27/88 22:30 | 0.01                         |
| 10/27/88 22:45 | 0.00                         |
| 10/27/88 23:00 | 0.00                         |
| 10/29/88 09:00 | 0.01                         |
| 10/29/88 09:15 | 0.01                         |
| 10/29/88 09:30 | 0.03                         |
| 10/29/88 09:45 | 0.02                         |
| 10/29/88 10:00 | 0.01                         |
| 10/29/88 10:15 | 0.01                         |
| 10/29/88 10:30 | 0.01                         |
| 10/29/88 10:45 | 0.01                         |
| 10/29/88 11:00 | 0.00                         |
| 10/30/88 13:30 | 0.00                         |
| 10/30/88 14:00 | 0.00                         |
| 10/30/88 15:30 | 0.00                         |
| 10/30/88 15:45 | 0.00                         |
| 10/30/88 16:00 | 0.00                         |
| 10/30/88 16:30 | 0.00                         |
| 10/30/88 17:00 | 0.00                         |
| 10/30/88 17:30 | 0.00                         |
| 10/30/88 18:00 | 0.00                         |
| 10/30/88 18:30 | 0.00                         |
| 10/30/88 19:00 | 0.00                         |
| 10/30/88 19:30 | 0.00                         |
| 10/30/88 20:00 | 0.00                         |
| 10/30/88 20:30 | 0.00                         |
| 10/30/88 21:00 | 0.00                         |
| 10/30/88 22:15 | 0.00                         |
| 10/30/88 22:45 | 0.00                         |
| 10/31/88 00:15 | 0.00                         |
| 10/31/88 00:45 | 0.00                         |
| 10/31/88 01:00 | 0.00                         |
| 10/31/88 01:15 | 0.00                         |
| 10/31/88 01:30 | 0.00                         |
| 10/31/88 01:45 | 0.00                         |
| 10/31/88 02:00 | 0.00                         |
| 10/31/88 02:15 | 0.00                         |
| 10/31/88 02:45 | 0.00                         |
| 11/01/88 00:15 | 0.00                         |
| 11/12/88 03:45 | 0.00                         |
| 11/12/88 04:00 | 0.01                         |
| 11/12/88 04:15 | 0.01                         |
| 11/12/88 04:30 | 0.04                         |
| 11/12/88 04:45 | 0.02                         |
| 11/12/88 05:00 | 0.01                         |
| 11/12/88 05:15 | 0.01                         |
| 11/12/88 05:30 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 11/15/88 14:45 | 0.01                         |
| 11/15/88 15:00 | 0.06                         |
| 11/15/88 15:15 | 0.01                         |
| 11/19/88 08:30 | 0.01                         |
| 11/19/88 09:00 | 0.00                         |
| 11/19/88 09:30 | 0.02                         |
| 11/19/88 09:45 | 0.01                         |
| 11/19/88 10:15 | 0.00                         |
| 11/19/88 10:30 | 0.01                         |
| 11/19/88 10:45 | 0.01                         |
| 11/19/88 11:00 | 0.01                         |
| 11/19/88 11:15 | 0.00                         |
| 11/19/88 11:30 | 0.00                         |
| 11/19/88 11:45 | 0.00                         |
| 11/19/88 12:00 | 0.00                         |
| 11/26/88 01:00 | 0.01                         |
| 11/26/88 01:15 | 0.00                         |
| 11/26/88 04:15 | 0.00                         |
| 11/26/88 04:30 | 0.00                         |
| 12/01/88 00:15 | 0.00                         |
| 12/07/88 08:45 | 0.00                         |
| 12/07/88 09:00 | 0.00                         |
| 12/07/88 09:15 | 0.00                         |
| 12/07/88 09:30 | 0.02                         |
| 12/07/88 09:45 | 0.01                         |
| 12/07/88 10:00 | 0.00                         |
| 12/08/88 06:45 | 0.00                         |
| 12/08/88 08:00 | 0.00                         |
| 12/08/88 08:15 | 0.00                         |
| 12/08/88 08:30 | 0.00                         |
| 12/08/88 09:15 | 0.00                         |
| 12/08/88 09:45 | 0.00                         |
| 12/08/88 10:15 | 0.00                         |
| 12/08/88 11:30 | 0.00                         |
| 12/08/88 15:30 | 0.00                         |
| 12/08/88 16:30 | 0.00                         |
| 12/08/88 17:00 | 0.01                         |
| 12/08/88 17:15 | 0.01                         |
| 12/08/88 17:30 | 0.00                         |
| 12/08/88 17:45 | 0.01                         |
| 12/08/88 18:00 | 0.00                         |
| 12/08/88 18:15 | 0.00                         |
| 12/08/88 18:30 | 0.00                         |
| 12/08/88 18:45 | 0.00                         |
| 12/08/88 19:00 | 0.00                         |
| 12/08/88 19:15 | 0.00                         |
| 12/08/88 19:30 | 0.00                         |
| 12/08/88 19:45 | 0.00                         |
| 12/08/88 20:00 | 0.00                         |
| 12/08/88 20:15 | 0.00                         |
| 12/08/88 20:30 | 0.00                         |
| 12/08/88 21:15 | 0.00                         |
| 12/08/88 21:30 | 0.00                         |
| 12/08/88 21:45 | 0.00                         |
| 12/08/88 22:00 | 0.00                         |
| 12/08/88 22:15 | 0.00                         |
| 12/08/88 22:30 | 0.00                         |
| 12/08/88 22:45 | 0.00                         |
| 12/08/88 23:00 | 0.00                         |
| 12/08/88 23:30 | 0.00                         |
| 12/09/88 01:45 | 0.00                         |
| 12/10/88 08:00 | 0.00                         |
| 12/10/88 08:30 | 0.00                         |
| 12/10/88 09:00 | 0.00                         |
| 12/10/88 09:15 | 0.00                         |
| 12/10/88 09:30 | 0.00                         |
| 12/10/88 09:45 | 0.00                         |
| 12/10/88 10:00 | 0.00                         |
| 12/10/88 10:15 | 0.00                         |
| 12/10/88 10:30 | 0.00                         |
| 12/10/88 10:45 | 0.00                         |
| 12/10/88 11:00 | 0.00                         |
| 12/10/88 11:15 | 0.00                         |
| 12/10/88 11:30 | 0.00                         |
| 12/10/88 11:45 | 0.00                         |
| 12/10/88 12:00 | 0.00                         |
| 12/10/88 12:15 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 12/10/88 12:30 | 0.00                         |
| 12/10/88 12:45 | 0.00                         |
| 12/10/88 13:00 | 0.00                         |
| 12/10/88 13:15 | 0.00                         |
| 12/10/88 13:30 | 0.00                         |
| 12/10/88 13:45 | 0.00                         |
| 12/10/88 14:00 | 0.00                         |
| 12/10/88 14:30 | 0.00                         |
| 12/10/88 15:00 | 0.00                         |
| 12/10/88 15:15 | 0.00                         |
| 12/10/88 15:30 | 0.00                         |
| 12/10/88 15:45 | 0.00                         |
| 12/10/88 16:00 | 0.00                         |
| 12/10/88 16:15 | 0.00                         |
| 12/10/88 16:30 | 0.00                         |
| 12/10/88 16:45 | 0.00                         |
| 12/10/88 17:15 | 0.00                         |
| 12/10/88 19:45 | 0.00                         |
| 12/10/88 22:30 | 0.00                         |
| 12/10/88 23:30 | 0.00                         |
| 12/11/88 01:00 | 0.00                         |
| 12/11/88 01:30 | 0.00                         |
| 12/11/88 02:00 | 0.00                         |
| 12/11/88 02:30 | 0.00                         |
| 12/11/88 03:00 | 0.00                         |
| 12/11/88 04:15 | 0.00                         |
| 12/11/88 04:30 | 0.00                         |
| 12/11/88 04:45 | 0.00                         |
| 12/11/88 05:00 | 0.00                         |
| 12/11/88 05:15 | 0.00                         |
| 12/11/88 05:30 | 0.00                         |
| 12/11/88 05:45 | 0.00                         |
| 12/11/88 06:00 | 0.00                         |
| 12/23/88 09:45 | 0.00                         |
| 12/23/88 10:15 | 0.00                         |
| 12/23/88 10:45 | 0.00                         |
| 12/23/88 11:15 | 0.00                         |
| 12/23/88 12:15 | 0.00                         |
| 12/23/88 12:30 | 0.00                         |
| 12/23/88 12:45 | 0.01                         |
| 12/23/88 13:00 | 0.00                         |
| 12/23/88 13:30 | 0.00                         |
| 12/23/88 14:00 | 0.00                         |
| 12/27/88 03:45 | 0.00                         |
| 12/27/88 04:00 | 0.00                         |
| 12/27/88 05:15 | 0.00                         |
| 12/27/88 06:00 | 0.00                         |
| 12/27/88 10:15 | 0.00                         |
| 12/27/88 10:30 | 0.00                         |
| 12/27/88 11:15 | 0.01                         |
| 12/27/88 11:30 | 0.01                         |
| 12/27/88 11:45 | 0.00                         |
| 12/27/88 12:00 | 0.00                         |
| 12/27/88 12:15 | 0.00                         |
| 12/27/88 12:30 | 0.00                         |
| 12/27/88 12:45 | 0.00                         |
| 12/27/88 13:00 | 0.00                         |
| 12/27/88 13:15 | 0.00                         |
| 12/27/88 13:30 | 0.00                         |
| 12/27/88 13:45 | 0.01                         |
| 12/27/88 14:00 | 0.00                         |
| 12/27/88 14:15 | 0.00                         |
| 12/27/88 14:30 | 0.00                         |
| 12/27/88 14:45 | 0.00                         |
| 12/27/88 15:00 | 0.00                         |
| 12/27/88 15:15 | 0.00                         |
| 12/27/88 15:30 | 0.00                         |
| 12/27/88 15:45 | 0.00                         |
| 12/27/88 16:00 | 0.00                         |
| 12/27/88 17:30 | 0.00                         |
| 12/27/88 19:15 | 0.00                         |
| 12/27/88 19:45 | 0.00                         |
| 12/27/88 20:15 | 0.00                         |
| 12/27/88 20:45 | 0.00                         |
| 12/31/88 01:15 | 0.00                         |
| 12/31/88 01:30 | 0.00                         |
| 12/31/88 01:45 | 0.00                         |



| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 12/31/88 02:00 | 0.00                         |
| 12/31/88 02:15 | 0.00                         |
| 12/31/88 03:30 | 0.00                         |
| 12/31/88 04:00 | 0.00                         |
| 01/01/89 00:15 | 0.00                         |
| 01/12/89 08:00 | 0.00                         |
| 01/12/89 18:00 | 0.05                         |
| 01/13/89 10:15 | 0.00                         |
| 01/13/89 10:30 | 0.00                         |
| 01/13/89 10:45 | 0.00                         |
| 01/13/89 11:00 | 0.00                         |
| 01/13/89 12:15 | 0.00                         |
| 01/13/89 13:00 | 0.00                         |
| 01/13/89 13:30 | 0.00                         |
| 01/13/89 14:00 | 0.00                         |
| 01/13/89 14:30 | 0.00                         |
| 01/13/89 14:45 | 0.00                         |
| 01/13/89 15:00 | 0.00                         |
| 01/13/89 15:15 | 0.00                         |
| 01/13/89 15:30 | 0.00                         |
| 01/13/89 15:45 | 0.00                         |
| 01/13/89 16:30 | 0.00                         |
| 01/13/89 16:45 | 0.00                         |
| 01/13/89 17:30 | 0.00                         |
| 01/13/89 17:45 | 0.00                         |
| 01/25/89 01:30 | 0.00                         |
| 01/25/89 01:45 | 0.00                         |
| 01/25/89 02:00 | 0.00                         |
| 01/25/89 02:15 | 0.00                         |
| 01/25/89 02:30 | 0.01                         |
| 01/25/89 02:45 | 0.00                         |
| 01/25/89 03:00 | 0.00                         |
| 01/25/89 12:15 | 0.00                         |
| 01/25/89 12:45 | 0.00                         |
| 01/25/89 14:00 | 0.00                         |
| 01/25/89 14:15 | 0.02                         |
| 01/25/89 14:30 | 0.03                         |
| 01/25/89 14:45 | 0.08                         |
| 01/25/89 15:00 | 0.03                         |
| 01/25/89 15:15 | 0.01                         |
| 01/25/89 15:30 | 0.01                         |
| 01/25/89 16:30 | 0.00                         |
| 01/25/89 16:45 | 0.00                         |
| 01/25/89 17:15 | 0.00                         |
| 01/25/89 17:45 | 0.00                         |
| 01/25/89 20:15 | 0.00                         |
| 01/25/89 20:45 | 0.01                         |
| 01/25/89 21:00 | 0.02                         |
| 01/25/89 21:15 | 0.01                         |
| 01/25/89 21:45 | 0.00                         |
| 01/25/89 22:30 | 0.00                         |
| 01/25/89 23:00 | 0.00                         |
| 01/26/89 01:30 | 0.01                         |
| 01/26/89 01:45 | 0.00                         |
| 01/26/89 02:00 | 0.00                         |
| 01/26/89 03:00 | 0.00                         |
| 01/27/89 16:15 | 0.00                         |
| 01/27/89 16:30 | 0.00                         |
| 01/27/89 16:45 | 0.00                         |
| 01/27/89 17:00 | 0.00                         |
| 01/27/89 17:30 | 0.00                         |
| 01/27/89 18:00 | 0.00                         |
| 01/27/89 22:15 | 0.00                         |
| 01/28/89 05:15 | 0.00                         |
| 01/28/89 06:00 | 0.01                         |
| 01/28/89 06:30 | 0.00                         |
| 01/28/89 06:45 | 0.00                         |
| 01/28/89 07:00 | 0.01                         |
| 01/28/89 07:15 | 0.01                         |
| 01/28/89 07:30 | 0.01                         |
| 01/28/89 07:45 | 0.01                         |
| 01/28/89 08:00 | 0.01                         |
| 01/28/89 08:15 | 0.01                         |
| 01/28/89 08:30 | 0.01                         |
| 01/28/89 08:45 | 0.01                         |
| 01/28/89 09:00 | 0.01                         |
| 01/28/89 09:15 | 0.01                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 01/28/89 09:30 | 0.01                         |
| 01/28/89 09:45 | 0.01                         |
| 01/28/89 10:00 | 0.01                         |
| 01/28/89 10:15 | 0.01                         |
| 01/28/89 10:30 | 0.01                         |
| 01/28/89 10:45 | 0.00                         |
| 01/28/89 11:00 | 0.00                         |
| 01/28/89 11:15 | 0.01                         |
| 01/28/89 11:30 | 0.00                         |
| 01/28/89 11:45 | 0.00                         |
| 01/28/89 12:00 | 0.00                         |
| 01/28/89 12:30 | 0.01                         |
| 01/28/89 12:45 | 0.01                         |
| 02/01/89 00:15 | 0.00                         |
| 02/02/89 11:45 | 0.00                         |
| 02/02/89 12:15 | 0.00                         |
| 02/02/89 12:30 | 0.00                         |
| 02/02/89 12:45 | 0.00                         |
| 02/02/89 13:00 | 0.00                         |
| 02/02/89 13:30 | 0.00                         |
| 02/02/89 14:00 | 0.00                         |
| 02/02/89 15:15 | 0.00                         |
| 02/02/89 15:45 | 0.00                         |
| 02/02/89 16:15 | 0.00                         |
| 02/02/89 16:45 | 0.00                         |
| 02/02/89 17:00 | 0.00                         |
| 02/02/89 17:15 | 0.01                         |
| 02/02/89 17:45 | 0.00                         |
| 02/02/89 19:00 | 0.00                         |
| 02/03/89 07:00 | 0.01                         |
| 02/12/89 12:45 | 0.00                         |
| 02/12/89 13:00 | 0.00                         |
| 02/12/89 13:15 | 0.00                         |
| 02/12/89 14:00 | 0.00                         |
| 02/12/89 14:15 | 0.00                         |
| 02/12/89 15:30 | 0.00                         |
| 02/12/89 16:00 | 0.00                         |
| 02/12/89 22:30 | 0.00                         |
| 02/12/89 22:45 | 0.00                         |
| 02/12/89 23:30 | 0.00                         |
| 02/13/89 00:15 | 0.00                         |
| 02/13/89 01:00 | 0.00                         |
| 02/13/89 01:45 | 0.00                         |
| 02/13/89 02:30 | 0.00                         |
| 02/13/89 02:45 | 0.00                         |
| 02/13/89 03:00 | 0.00                         |
| 02/14/89 15:30 | 0.00                         |
| 02/14/89 16:15 | 0.00                         |
| 02/14/89 17:00 | 0.00                         |
| 02/14/89 18:30 | 0.00                         |
| 02/14/89 19:00 | 0.00                         |
| 02/14/89 20:15 | 0.00                         |
| 02/14/89 20:30 | 0.00                         |
| 02/14/89 21:00 | 0.00                         |
| 02/15/89 00:15 | 0.00                         |
| 02/15/89 02:45 | 0.00                         |
| 02/15/89 03:45 | 0.00                         |
| 02/15/89 04:15 | 0.00                         |
| 02/15/89 04:30 | 0.00                         |
| 02/15/89 04:45 | 0.00                         |
| 02/15/89 05:00 | 0.00                         |
| 02/15/89 05:30 | 0.00                         |
| 02/15/89 06:00 | 0.00                         |
| 02/15/89 06:15 | 0.00                         |
| 02/15/89 06:30 | 0.00                         |
| 02/15/89 06:45 | 0.00                         |
| 02/15/89 07:00 | 0.00                         |
| 02/15/89 07:15 | 0.00                         |
| 02/15/89 07:30 | 0.00                         |
| 02/15/89 07:45 | 0.00                         |
| 02/15/89 08:00 | 0.01                         |
| 02/15/89 08:15 | 0.01                         |
| 02/15/89 08:30 | 0.01                         |
| 02/15/89 08:45 | 0.00                         |
| 02/15/89 09:00 | 0.00                         |
| 02/15/89 09:15 | 0.00                         |
| 02/15/89 09:30 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 02/15/89 09:45 | 0.00                         |
| 02/15/89 10:00 | 0.00                         |
| 02/15/89 10:15 | 0.00                         |
| 02/15/89 10:30 | 0.00                         |
| 02/15/89 10:45 | 0.00                         |
| 02/15/89 11:00 | 0.00                         |
| 02/15/89 11:15 | 0.00                         |
| 02/15/89 11:30 | 0.00                         |
| 02/15/89 11:45 | 0.00                         |
| 02/15/89 12:15 | 0.00                         |
| 02/15/89 13:15 | 0.00                         |
| 02/15/89 13:30 | 0.00                         |
| 02/15/89 13:45 | 0.00                         |
| 02/15/89 14:15 | 0.00                         |
| 02/15/89 14:30 | 0.01                         |
| 02/15/89 14:45 | 0.00                         |
| 02/15/89 15:15 | 0.00                         |
| 02/15/89 15:45 | 0.01                         |
| 02/15/89 16:00 | 0.00                         |
| 02/15/89 16:30 | 0.00                         |
| 02/15/89 16:45 | 0.00                         |
| 02/16/89 07:00 | 0.00                         |
| 02/16/89 07:15 | 0.00                         |
| 02/16/89 07:45 | 0.00                         |
| 02/16/89 08:15 | 0.00                         |
| 02/16/89 08:30 | 0.00                         |
| 02/16/89 08:45 | 0.00                         |
| 02/16/89 09:00 | 0.00                         |
| 02/16/89 09:15 | 0.00                         |
| 02/16/89 09:30 | 0.00                         |
| 02/16/89 09:45 | 0.00                         |
| 02/16/89 10:00 | 0.00                         |
| 02/16/89 10:15 | 0.00                         |
| 02/16/89 10:30 | 0.00                         |
| 02/16/89 10:45 | 0.00                         |
| 02/16/89 11:00 | 0.00                         |
| 02/16/89 11:15 | 0.00                         |
| 02/16/89 11:30 | 0.00                         |
| 02/16/89 11:45 | 0.00                         |
| 02/16/89 12:00 | 0.00                         |
| 02/16/89 12:45 | 0.00                         |
| 02/16/89 13:15 | 0.00                         |
| 02/16/89 13:30 | 0.00                         |
| 02/16/89 13:45 | 0.00                         |
| 02/16/89 14:00 | 0.00                         |
| 02/16/89 14:15 | 0.00                         |
| 02/16/89 14:30 | 0.00                         |
| 02/16/89 14:45 | 0.00                         |
| 02/16/89 15:00 | 0.00                         |
| 02/16/89 15:15 | 0.00                         |
| 02/16/89 15:30 | 0.00                         |
| 02/16/89 15:45 | 0.00                         |
| 02/16/89 16:00 | 0.00                         |
| 02/16/89 16:15 | 0.00                         |
| 02/16/89 16:30 | 0.00                         |
| 02/16/89 16:45 | 0.00                         |
| 02/16/89 17:00 | 0.00                         |
| 02/16/89 17:15 | 0.00                         |
| 02/16/89 17:30 | 0.00                         |
| 02/16/89 17:45 | 0.00                         |
| 02/16/89 18:00 | 0.00                         |
| 02/16/89 18:15 | 0.00                         |
| 02/16/89 18:30 | 0.00                         |
| 02/16/89 18:45 | 0.00                         |
| 02/16/89 19:00 | 0.00                         |
| 02/16/89 19:15 | 0.00                         |
| 02/16/89 19:30 | 0.00                         |
| 02/16/89 19:45 | 0.00                         |
| 02/16/89 20:00 | 0.00                         |
| 02/16/89 20:30 | 0.00                         |
| 02/16/89 21:00 | 0.00                         |
| 02/16/89 23:15 | 0.00                         |
| 02/16/89 23:30 | 0.00                         |
| 02/16/89 23:45 | 0.00                         |
| 02/17/89 00:15 | 0.00                         |
| 02/17/89 00:30 | 0.00                         |
| 02/17/89 00:45 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 02/17/89 01:00 | 0.00                         |
| 02/17/89 01:15 | 0.00                         |
| 02/17/89 01:30 | 0.00                         |
| 02/17/89 01:45 | 0.00                         |
| 02/17/89 02:00 | 0.00                         |
| 02/17/89 02:45 | 0.00                         |
| 02/17/89 03:30 | 0.00                         |
| 02/17/89 04:15 | 0.00                         |
| 02/17/89 04:30 | 0.00                         |
| 02/17/89 04:45 | 0.00                         |
| 02/17/89 05:00 | 0.00                         |
| 02/17/89 05:15 | 0.01                         |
| 02/17/89 05:30 | 0.01                         |
| 02/17/89 05:45 | 0.01                         |
| 02/17/89 06:00 | 0.01                         |
| 02/17/89 06:15 | 0.01                         |
| 02/17/89 06:30 | 0.00                         |
| 02/17/89 06:45 | 0.00                         |
| 02/17/89 07:00 | 0.01                         |
| 02/17/89 07:15 | 0.00                         |
| 02/17/89 07:30 | 0.00                         |
| 02/17/89 07:45 | 0.00                         |
| 02/17/89 08:00 | 0.00                         |
| 02/17/89 08:15 | 0.00                         |
| 02/17/89 08:30 | 0.00                         |
| 02/17/89 08:45 | 0.00                         |
| 02/17/89 09:00 | 0.00                         |
| 02/17/89 09:15 | 0.00                         |
| 02/17/89 09:30 | 0.00                         |
| 02/17/89 09:45 | 0.00                         |
| 02/17/89 10:00 | 0.00                         |
| 02/17/89 10:15 | 0.00                         |
| 02/17/89 10:30 | 0.00                         |
| 02/17/89 10:45 | 0.00                         |
| 02/17/89 11:00 | 0.00                         |
| 02/17/89 11:15 | 0.00                         |
| 02/17/89 11:30 | 0.00                         |
| 02/17/89 11:45 | 0.00                         |
| 02/17/89 12:00 | 0.00                         |
| 02/17/89 12:15 | 0.00                         |
| 02/17/89 12:30 | 0.00                         |
| 02/17/89 12:45 | 0.00                         |
| 02/17/89 13:00 | 0.00                         |
| 02/17/89 13:15 | 0.01                         |
| 02/17/89 13:30 | 0.01                         |
| 02/17/89 13:45 | 0.00                         |
| 02/17/89 14:00 | 0.00                         |
| 02/17/89 14:15 | 0.00                         |
| 02/17/89 14:45 | 0.00                         |
| 02/17/89 15:00 | 0.00                         |
| 03/01/89 00:15 | 0.00                         |
| 03/04/89 08:30 | 0.00                         |
| 03/04/89 08:45 | 0.00                         |
| 03/04/89 09:00 | 0.00                         |
| 03/04/89 09:15 | 0.00                         |
| 03/04/89 09:30 | 0.00                         |
| 03/04/89 09:45 | 0.00                         |
| 03/04/89 10:00 | 0.00                         |
| 03/04/89 11:00 | 0.00                         |
| 03/04/89 11:30 | 0.00                         |
| 03/04/89 11:45 | 0.00                         |
| 03/04/89 12:00 | 0.00                         |
| 03/04/89 12:15 | 0.00                         |
| 03/04/89 12:30 | 0.00                         |
| 03/04/89 13:00 | 0.00                         |
| 03/04/89 13:30 | 0.00                         |
| 03/04/89 13:45 | 0.00                         |
| 03/04/89 14:00 | 0.00                         |
| 03/05/89 01:15 | 0.00                         |
| 03/05/89 01:30 | 0.00                         |
| 03/05/89 02:00 | 0.00                         |
| 03/05/89 02:45 | 0.00                         |
| 03/05/89 03:15 | 0.00                         |
| 03/06/89 11:45 | 0.00                         |
| 03/06/89 12:00 | 0.00                         |
| 03/06/89 12:15 | 0.01                         |
| 03/06/89 12:30 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 03/06/89 12:45 | 0.01                         |
| 03/06/89 13:00 | 0.00                         |
| 03/06/89 13:15 | 0.00                         |
| 03/19/89 08:00 | 0.00                         |
| 03/19/89 08:15 | 0.01                         |
| 03/19/89 08:45 | 0.00                         |
| 03/19/89 11:45 | 0.00                         |
| 03/21/89 06:00 | 0.00                         |
| 03/21/89 06:15 | 0.00                         |
| 03/21/89 06:30 | 0.00                         |
| 03/21/89 06:45 | 0.00                         |
| 03/21/89 07:45 | 0.00                         |
| 03/21/89 08:00 | 0.00                         |
| 03/21/89 08:15 | 0.00                         |
| 03/21/89 08:30 | 0.00                         |
| 03/21/89 08:45 | 0.00                         |
| 03/21/89 09:00 | 0.00                         |
| 03/21/89 09:15 | 0.00                         |
| 03/21/89 10:15 | 0.00                         |
| 03/21/89 10:45 | 0.00                         |
| 03/21/89 11:00 | 0.00                         |
| 03/21/89 11:15 | 0.00                         |
| 03/21/89 11:30 | 0.00                         |
| 03/21/89 11:45 | 0.00                         |
| 03/21/89 12:00 | 0.00                         |
| 03/21/89 12:15 | 0.00                         |
| 03/21/89 12:45 | 0.00                         |
| 03/28/89 00:30 | 0.00                         |
| 03/28/89 00:45 | 0.01                         |
| 03/28/89 01:00 | 0.02                         |
| 03/28/89 01:15 | 0.01                         |
| 03/28/89 01:30 | 0.02                         |
| 03/28/89 01:45 | 0.02                         |
| 03/28/89 02:00 | 0.01                         |
| 03/28/89 02:15 | 0.01                         |
| 03/28/89 02:30 | 0.01                         |
| 03/28/89 02:45 | 0.04                         |
| 03/28/89 03:00 | 0.02                         |
| 03/28/89 03:15 | 0.03                         |
| 03/28/89 03:30 | 0.01                         |
| 03/28/89 03:45 | 0.01                         |
| 03/28/89 04:00 | 0.01                         |
| 03/28/89 04:15 | 0.01                         |
| 03/28/89 04:30 | 0.01                         |
| 03/28/89 04:45 | 0.01                         |
| 03/28/89 05:00 | 0.00                         |
| 03/28/89 05:15 | 0.02                         |
| 03/28/89 05:30 | 0.02                         |
| 03/28/89 05:45 | 0.04                         |
| 03/28/89 06:00 | 0.01                         |
| 03/28/89 06:15 | 0.01                         |
| 03/28/89 06:30 | 0.01                         |
| 03/28/89 07:15 | 0.00                         |
| 03/28/89 07:45 | 0.00                         |
| 03/28/89 08:00 | 0.00                         |
| 03/28/89 08:15 | 0.01                         |
| 03/28/89 08:30 | 0.01                         |
| 03/28/89 08:45 | 0.01                         |
| 03/28/89 09:00 | 0.01                         |
| 03/28/89 09:15 | 0.01                         |
| 03/28/89 09:30 | 0.01                         |
| 03/28/89 09:45 | 0.00                         |
| 03/28/89 10:30 | 0.00                         |
| 03/29/89 02:15 | 0.01                         |
| 03/29/89 02:30 | 0.01                         |
| 03/29/89 02:45 | 0.00                         |
| 03/29/89 03:00 | 0.00                         |
| 03/29/89 09:15 | 0.00                         |
| 03/29/89 13:15 | 0.00                         |
| 03/29/89 14:30 | 0.00                         |
| 03/29/89 14:45 | 0.00                         |
| 04/01/89 00:15 | 0.00                         |
| 04/13/89 12:45 | 0.00                         |
| 04/13/89 13:00 | 0.00                         |
| 04/13/89 13:15 | 0.00                         |
| 04/13/89 13:30 | 0.00                         |
| 04/13/89 13:45 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 04/13/89 15:15 | 0.00                         |
| 04/13/89 15:30 | 0.00                         |
| 04/13/89 15:45 | 0.00                         |
| 04/13/89 16:00 | 0.00                         |
| 04/13/89 16:15 | 0.00                         |
| 04/13/89 16:30 | 0.00                         |
| 04/13/89 16:45 | 0.00                         |
| 04/13/89 17:00 | 0.00                         |
| 04/13/89 17:15 | 0.00                         |
| 04/13/89 17:30 | 0.00                         |
| 04/13/89 17:45 | 0.00                         |
| 04/13/89 18:00 | 0.01                         |
| 04/13/89 18:15 | 0.00                         |
| 04/13/89 18:30 | 0.01                         |
| 04/13/89 18:45 | 0.01                         |
| 04/13/89 19:00 | 0.01                         |
| 04/13/89 19:15 | 0.01                         |
| 04/13/89 19:30 | 0.00                         |
| 04/13/89 19:45 | 0.00                         |
| 04/13/89 20:45 | 0.00                         |
| 04/13/89 21:15 | 0.00                         |
| 04/13/89 21:45 | 0.00                         |
| 04/13/89 22:00 | 0.00                         |
| 04/13/89 22:15 | 0.00                         |
| 04/13/89 22:30 | 0.00                         |
| 04/13/89 22:45 | 0.00                         |
| 04/13/89 23:00 | 0.00                         |
| 04/13/89 23:15 | 0.00                         |
| 04/13/89 23:30 | 0.00                         |
| 04/13/89 23:45 | 0.00                         |
| 04/14/89 00:45 | 0.00                         |
| 04/14/89 01:00 | 0.00                         |
| 04/14/89 01:15 | 0.00                         |
| 04/14/89 01:45 | 0.00                         |
| 04/29/89 21:00 | 0.00                         |
| 04/29/89 21:15 | 0.01                         |
| 04/29/89 21:30 | 0.00                         |
| 04/30/89 00:15 | 0.00                         |
| 04/30/89 00:30 | 0.00                         |
| 05/01/89 00:15 | 0.00                         |
| 05/02/89 00:45 | 0.01                         |
| 05/02/89 01:00 | 0.02                         |
| 05/03/89 03:45 | 0.02                         |
| 05/03/89 04:00 | 0.03                         |
| 05/03/89 04:15 | 0.02                         |
| 05/03/89 04:30 | 0.01                         |
| 05/03/89 04:45 | 0.00                         |
| 05/03/89 05:00 | 0.00                         |
| 05/03/89 05:15 | 0.00                         |
| 05/03/89 05:30 | 0.00                         |
| 05/03/89 05:45 | 0.00                         |
| 05/03/89 06:00 | 0.00                         |
| 05/04/89 05:45 | 0.00                         |
| 05/04/89 06:00 | 0.00                         |
| 05/04/89 06:15 | 0.00                         |
| 05/04/89 08:00 | 0.00                         |
| 05/04/89 10:00 | 0.01                         |
| 05/04/89 21:30 | 0.00                         |
| 05/04/89 21:45 | 0.01                         |
| 05/04/89 22:00 | 0.03                         |
| 05/04/89 22:15 | 0.03                         |
| 05/04/89 22:30 | 0.02                         |
| 05/04/89 22:45 | 0.01                         |
| 05/04/89 23:00 | 0.01                         |
| 05/04/89 23:15 | 0.01                         |
| 05/04/89 23:30 | 0.00                         |
| 05/07/89 04:15 | 0.00                         |
| 05/07/89 04:30 | 0.01                         |
| 05/07/89 04:45 | 0.00                         |
| 05/12/89 04:00 | 0.00                         |
| 05/12/89 04:15 | 0.00                         |
| 05/12/89 05:30 | 0.00                         |
| 05/12/89 05:45 | 0.00                         |
| 05/12/89 06:00 | 0.00                         |
| 05/12/89 08:45 | 0.00                         |
| 05/12/89 13:15 | 0.00                         |
| 05/12/89 13:30 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 05/12/89 14:15 | 0.00                         |
| 05/12/89 16:30 | 0.00                         |
| 05/12/89 16:45 | 0.01                         |
| 05/12/89 17:00 | 0.00                         |
| 05/15/89 22:00 | 0.01                         |
| 05/15/89 22:15 | 0.05                         |
| 05/15/89 22:30 | 0.01                         |
| 05/15/89 22:45 | 0.01                         |
| 05/15/89 23:00 | 0.01                         |
| 05/15/89 23:15 | 0.01                         |
| 05/15/89 23:30 | 0.01                         |
| 05/16/89 00:15 | 0.00                         |
| 05/16/89 00:30 | 0.00                         |
| 05/16/89 09:45 | 0.00                         |
| 05/16/89 10:00 | 0.00                         |
| 05/16/89 10:15 | 0.03                         |
| 05/16/89 10:30 | 0.00                         |
| 05/16/89 10:45 | 0.01                         |
| 05/16/89 11:00 | 0.01                         |
| 05/16/89 11:15 | 0.01                         |
| 05/16/89 11:30 | 0.01                         |
| 05/16/89 11:45 | 0.01                         |
| 05/16/89 12:00 | 0.01                         |
| 05/16/89 12:15 | 0.01                         |
| 05/16/89 12:30 | 0.02                         |
| 05/16/89 12:45 | 0.02                         |
| 05/16/89 13:00 | 0.02                         |
| 05/16/89 13:15 | 0.01                         |
| 05/16/89 13:30 | 0.01                         |
| 05/16/89 13:45 | 0.00                         |
| 05/16/89 15:00 | 0.00                         |
| 05/16/89 19:00 | 0.24                         |
| 06/01/89 00:15 | 0.00                         |
| 06/02/89 20:30 | 0.06                         |
| 06/02/89 20:45 | 0.08                         |
| 06/02/89 21:00 | 0.02                         |
| 06/02/89 21:15 | 0.00                         |
| 06/02/89 21:30 | 0.00                         |
| 06/03/89 04:45 | 0.00                         |
| 06/03/89 05:00 | 0.03                         |
| 06/03/89 05:15 | 0.03                         |
| 06/03/89 05:30 | 0.04                         |
| 06/03/89 05:45 | 0.02                         |
| 06/03/89 06:00 | 0.02                         |
| 06/03/89 06:15 | 0.01                         |
| 06/03/89 06:30 | 0.00                         |
| 06/03/89 06:45 | 0.00                         |
| 06/03/89 07:00 | 0.00                         |
| 06/03/89 07:15 | 0.00                         |
| 06/03/89 07:30 | 0.00                         |
| 06/04/89 03:15 | 0.02                         |
| 06/04/89 03:30 | 0.03                         |
| 06/04/89 03:45 | 0.01                         |
| 06/04/89 04:00 | 0.01                         |
| 06/04/89 04:15 | 0.00                         |
| 06/04/89 04:30 | 0.00                         |
| 06/04/89 04:45 | 0.00                         |
| 06/04/89 05:00 | 0.00                         |
| 06/04/89 05:15 | 0.00                         |
| 06/04/89 05:30 | 0.00                         |
| 06/04/89 05:45 | 0.00                         |
| 06/04/89 06:00 | 0.00                         |
| 06/04/89 06:15 | 0.00                         |
| 06/04/89 06:30 | 0.00                         |
| 06/04/89 06:45 | 0.00                         |
| 06/04/89 08:00 | 0.00                         |
| 06/04/89 12:00 | 0.15                         |
| 06/07/89 05:15 | 0.00                         |
| 06/07/89 05:30 | 0.00                         |
| 06/07/89 05:45 | 0.00                         |
| 06/07/89 06:00 | 0.00                         |
| 06/07/89 06:15 | 0.00                         |
| 06/07/89 06:30 | 0.00                         |
| 06/07/89 08:00 | 0.00                         |
| 06/07/89 11:00 | 0.09                         |
| 06/07/89 15:30 | 0.00                         |
| 06/07/89 15:45 | 0.03                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 06/07/89 16:00 | 0.09                         |
| 06/07/89 16:15 | 0.04                         |
| 06/07/89 16:30 | 0.00                         |
| 06/07/89 16:45 | 0.00                         |
| 06/09/89 19:30 | 0.00                         |
| 06/09/89 19:45 | 0.00                         |
| 06/11/89 00:30 | 0.00                         |
| 06/11/89 01:00 | 0.00                         |
| 06/11/89 01:15 | 0.00                         |
| 06/11/89 01:30 | 0.00                         |
| 06/11/89 01:45 | 0.00                         |
| 06/11/89 02:00 | 0.01                         |
| 06/11/89 02:15 | 0.01                         |
| 06/11/89 02:30 | 0.00                         |
| 06/11/89 02:45 | 0.00                         |
| 06/12/89 05:15 | 0.00                         |
| 06/12/89 05:30 | 0.00                         |
| 06/12/89 05:45 | 0.04                         |
| 06/12/89 06:00 | 0.03                         |
| 06/12/89 06:15 | 0.01                         |
| 06/12/89 06:30 | 0.01                         |
| 06/12/89 06:45 | 0.00                         |
| 06/12/89 07:00 | 0.00                         |
| 06/12/89 07:15 | 0.00                         |
| 06/12/89 07:30 | 0.00                         |
| 06/12/89 07:45 | 0.00                         |
| 06/12/89 08:00 | 0.00                         |
| 06/12/89 08:15 | 0.00                         |
| 06/12/89 08:30 | 0.00                         |
| 06/12/89 08:45 | 0.01                         |
| 06/12/89 09:00 | 0.00                         |
| 06/13/89 05:15 | 0.01                         |
| 06/13/89 05:30 | 0.02                         |
| 06/13/89 05:45 | 0.08                         |
| 06/13/89 06:00 | 0.03                         |
| 06/13/89 06:15 | 0.01                         |
| 06/13/89 06:30 | 0.00                         |
| 06/13/89 06:45 | 0.00                         |
| 06/13/89 07:00 | 0.00                         |
| 06/13/89 07:15 | 0.00                         |
| 06/13/89 07:30 | 0.00                         |
| 06/13/89 07:45 | 0.00                         |
| 06/13/89 08:00 | 0.01                         |
| 06/13/89 08:15 | 0.01                         |
| 06/13/89 08:30 | 0.00                         |
| 06/13/89 09:00 | 0.00                         |
| 06/13/89 09:30 | 0.00                         |
| 06/13/89 10:00 | 0.00                         |
| 06/13/89 10:15 | 0.00                         |
| 06/13/89 10:30 | 0.00                         |
| 06/13/89 10:45 | 0.00                         |
| 06/13/89 11:00 | 0.00                         |
| 06/13/89 11:30 | 0.00                         |
| 06/13/89 12:00 | 0.01                         |
| 06/13/89 12:15 | 0.01                         |
| 06/13/89 12:30 | 0.00                         |
| 06/13/89 12:45 | 0.00                         |
| 06/13/89 13:00 | 0.00                         |
| 06/13/89 13:30 | 0.00                         |
| 06/13/89 14:00 | 0.00                         |
| 06/13/89 14:15 | 0.00                         |
| 06/13/89 14:30 | 0.00                         |
| 06/13/89 14:45 | 0.00                         |
| 06/13/89 16:15 | 0.00                         |
| 06/13/89 16:30 | 0.00                         |
| 06/13/89 16:45 | 0.00                         |
| 06/13/89 17:00 | 0.01                         |
| 06/13/89 17:15 | 0.01                         |
| 06/13/89 17:30 | 0.01                         |
| 06/13/89 17:45 | 0.01                         |
| 06/13/89 18:00 | 0.01                         |
| 06/13/89 18:15 | 0.04                         |
| 06/13/89 18:30 | 0.03                         |
| 06/13/89 18:45 | 0.00                         |
| 06/13/89 19:00 | 0.00                         |
| 06/13/89 19:15 | 0.00                         |
| 06/13/89 19:30 | 0.00                         |



| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 06/13/89 19:45 | 0.00                         |
| 06/13/89 20:00 | 0.00                         |
| 06/30/89 12:30 | 0.00                         |
| 06/30/89 12:45 | 0.00                         |
| 06/30/89 13:00 | 0.00                         |
| 07/01/89 00:15 | 0.00                         |
| 07/02/89 18:45 | 0.00                         |
| 07/02/89 19:30 | 0.07                         |
| 07/02/89 19:45 | 0.07                         |
| 07/02/89 20:00 | 0.04                         |
| 07/02/89 20:15 | 0.01                         |
| 07/02/89 20:30 | 0.01                         |
| 07/02/89 20:45 | 0.01                         |
| 07/02/89 21:00 | 0.01                         |
| 07/02/89 21:15 | 0.01                         |
| 07/02/89 21:30 | 0.01                         |
| 07/02/89 21:45 | 0.00                         |
| 07/02/89 22:00 | 0.00                         |
| 07/13/89 05:00 | 0.01                         |
| 07/13/89 05:15 | 0.00                         |
| 07/13/89 05:45 | 0.01                         |
| 07/13/89 06:00 | 0.01                         |
| 07/13/89 06:15 | 0.00                         |
| 07/13/89 06:30 | 0.00                         |
| 07/13/89 06:45 | 0.01                         |
| 07/14/89 07:45 | 0.01                         |
| 07/14/89 08:00 | 0.01                         |
| 07/14/89 08:15 | 0.00                         |
| 07/14/89 08:30 | 0.00                         |
| 07/14/89 08:45 | 0.00                         |
| 07/14/89 09:00 | 0.00                         |
| 07/14/89 09:15 | 0.00                         |
| 07/14/89 09:30 | 0.00                         |
| 07/14/89 09:45 | 0.00                         |
| 07/14/89 10:00 | 0.00                         |
| 07/14/89 11:45 | 0.00                         |
| 07/14/89 12:45 | 0.00                         |
| 07/14/89 13:15 | 0.00                         |
| 07/14/89 13:45 | 0.00                         |
| 07/14/89 20:00 | 0.00                         |
| 07/14/89 20:15 | 0.00                         |
| 07/14/89 20:30 | 0.00                         |
| 07/14/89 20:45 | 0.00                         |
| 07/14/89 21:00 | 0.01                         |
| 07/14/89 21:15 | 0.02                         |
| 07/14/89 21:30 | 0.01                         |
| 07/14/89 21:45 | 0.00                         |
| 07/14/89 22:15 | 0.00                         |
| 07/14/89 22:30 | 0.00                         |
| 07/14/89 22:45 | 0.00                         |
| 07/14/89 23:00 | 0.01                         |
| 07/15/89 00:15 | 0.00                         |
| 07/15/89 00:30 | 0.00                         |
| 07/15/89 00:45 | 0.01                         |
| 07/15/89 01:00 | 0.01                         |
| 07/15/89 01:15 | 0.02                         |
| 07/15/89 01:30 | 0.05                         |
| 07/15/89 01:45 | 0.01                         |
| 07/15/89 02:00 | 0.00                         |
| 07/15/89 02:15 | 0.00                         |
| 07/15/89 02:45 | 0.00                         |
| 07/15/89 03:00 | 0.00                         |
| 07/15/89 03:15 | 0.00                         |
| 07/15/89 03:30 | 0.01                         |
| 07/23/89 11:30 | 0.00                         |
| 07/23/89 11:45 | 0.05                         |
| 07/23/89 12:00 | 0.01                         |
| 07/23/89 12:15 | 0.00                         |
| 07/23/89 12:30 | 0.00                         |
| 07/26/89 08:00 | 0.00                         |
| 07/27/89 07:00 | 0.00                         |
| 07/31/89 15:15 | 0.00                         |
| 07/31/89 15:30 | 0.01                         |
| 07/31/89 15:45 | 0.01                         |
| 07/31/89 16:30 | 0.00                         |
| 07/31/89 17:00 | 0.00                         |
| 07/31/89 17:30 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 07/31/89 18:00 | 0.00                         |
| 07/31/89 18:30 | 0.00                         |
| 08/01/89 00:15 | 0.00                         |
| 08/01/89 17:15 | 0.00                         |
| 08/01/89 18:00 | 0.00                         |
| 08/02/89 05:15 | 0.00                         |
| 08/02/89 05:45 | 0.00                         |
| 08/02/89 06:15 | 0.00                         |
| 08/02/89 06:45 | 0.00                         |
| 08/02/89 07:45 | 0.00                         |
| 08/02/89 08:00 | 0.00                         |
| 08/02/89 09:15 | 0.00                         |
| 08/02/89 09:45 | 0.00                         |
| 08/02/89 13:30 | 0.00                         |
| 08/02/89 15:00 | 0.00                         |
| 08/02/89 15:15 | 0.00                         |
| 08/02/89 15:30 | 0.00                         |
| 08/02/89 15:45 | 0.00                         |
| 08/02/89 16:00 | 0.00                         |
| 08/02/89 16:15 | 0.00                         |
| 08/02/89 16:30 | 0.00                         |
| 08/02/89 16:45 | 0.00                         |
| 08/02/89 17:00 | 0.00                         |
| 08/02/89 17:15 | 0.00                         |
| 08/02/89 17:30 | 0.01                         |
| 08/02/89 17:45 | 0.01                         |
| 08/02/89 18:00 | 0.00                         |
| 08/02/89 18:15 | 0.00                         |
| 08/06/89 15:15 | 0.01                         |
| 08/06/89 15:30 | 0.03                         |
| 08/06/89 15:45 | 0.01                         |
| 08/06/89 16:00 | 0.00                         |
| 08/06/89 16:15 | 0.00                         |
| 08/07/89 00:15 | 0.00                         |
| 08/07/89 00:30 | 0.05                         |
| 08/07/89 00:45 | 0.01                         |
| 08/07/89 02:30 | 0.00                         |
| 08/07/89 03:15 | 0.00                         |
| 08/07/89 03:45 | 0.01                         |
| 08/07/89 04:00 | 0.00                         |
| 08/07/89 04:15 | 0.00                         |
| 08/08/89 15:15 | 0.00                         |
| 08/08/89 15:30 | 0.01                         |
| 08/08/89 15:45 | 0.00                         |
| 08/15/89 04:15 | 0.00                         |
| 08/15/89 04:30 | 0.00                         |
| 08/15/89 04:45 | 0.00                         |
| 08/15/89 05:00 | 0.00                         |
| 08/15/89 05:15 | 0.00                         |
| 08/15/89 05:30 | 0.00                         |
| 08/15/89 05:45 | 0.00                         |
| 09/01/89 00:15 | 0.00                         |
| 09/09/89 09:15 | 0.00                         |
| 09/09/89 09:30 | 0.00                         |
| 09/09/89 09:45 | 0.00                         |
| 09/09/89 10:00 | 0.01                         |
| 09/09/89 10:15 | 0.01                         |
| 09/09/89 10:45 | 0.00                         |
| 09/11/89 08:00 | 0.00                         |
| 09/12/89 07:00 | 0.15                         |
| 09/13/89 04:00 | 0.00                         |
| 09/13/89 04:15 | 0.00                         |
| 09/13/89 04:30 | 0.04                         |
| 09/13/89 04:45 | 0.07                         |
| 09/13/89 05:00 | 0.05                         |
| 09/13/89 05:15 | 0.03                         |
| 09/13/89 05:30 | 0.01                         |
| 09/13/89 05:45 | 0.01                         |
| 09/13/89 06:00 | 0.01                         |
| 09/13/89 06:15 | 0.00                         |
| 09/13/89 06:30 | 0.00                         |
| 09/13/89 07:15 | 0.00                         |
| 09/13/89 07:45 | 0.00                         |
| 09/13/89 08:15 | 0.00                         |
| 09/13/89 08:45 | 0.00                         |
| 09/13/89 09:15 | 0.00                         |
| 09/13/89 09:30 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 09/13/89 09:45 | 0.00                         |
| 09/13/89 10:00 | 0.00                         |
| 09/13/89 11:00 | 0.00                         |
| 09/13/89 11:15 | 0.00                         |
| 09/13/89 11:30 | 0.00                         |
| 09/13/89 11:45 | 0.00                         |
| 10/01/89 00:15 | 0.00                         |
| 10/18/89 03:00 | 0.01                         |
| 10/18/89 03:15 | 0.00                         |
| 10/18/89 03:30 | 0.00                         |
| 10/18/89 03:45 | 0.00                         |
| 10/30/89 03:45 | 0.00                         |
| 10/30/89 04:00 | 0.01                         |
| 10/30/89 04:15 | 0.01                         |
| 10/30/89 04:30 | 0.01                         |
| 10/30/89 04:45 | 0.01                         |
| 10/30/89 05:00 | 0.01                         |
| 10/30/89 05:15 | 0.01                         |
| 10/30/89 05:30 | 0.01                         |
| 10/30/89 05:45 | 0.01                         |
| 10/30/89 06:00 | 0.01                         |
| 10/30/89 06:15 | 0.01                         |
| 10/30/89 06:30 | 0.01                         |
| 10/30/89 06:45 | 0.01                         |
| 10/30/89 07:00 | 0.01                         |
| 10/30/89 07:15 | 0.01                         |
| 11/01/89 00:15 | 0.00                         |
| 11/22/89 02:15 | 0.00                         |
| 11/22/89 02:30 | 0.00                         |
| 11/22/89 02:45 | 0.00                         |
| 11/22/89 03:00 | 0.00                         |
| 11/22/89 03:15 | 0.00                         |
| 11/22/89 03:30 | 0.00                         |
| 11/22/89 03:45 | 0.00                         |
| 11/22/89 04:00 | 0.00                         |
| 11/22/89 04:15 | 0.00                         |
| 11/22/89 04:30 | 0.00                         |
| 11/22/89 04:45 | 0.00                         |
| 11/22/89 05:00 | 0.00                         |
| 11/22/89 05:15 | 0.00                         |
| 11/22/89 05:30 | 0.00                         |
| 11/22/89 05:45 | 0.00                         |
| 11/22/89 06:00 | 0.00                         |
| 11/22/89 06:15 | 0.00                         |
| 11/22/89 06:30 | 0.00                         |
| 11/22/89 06:45 | 0.00                         |
| 11/22/89 11:00 | 0.00                         |
| 11/22/89 11:15 | 0.01                         |
| 11/22/89 11:30 | 0.01                         |
| 11/22/89 11:45 | 0.00                         |
| 12/01/89 00:15 | 0.00                         |
| 12/29/89 22:30 | 0.00                         |
| 12/29/89 22:45 | 0.00                         |
| 12/29/89 23:45 | 0.00                         |
| 12/30/89 11:00 | 0.00                         |
| 12/30/89 11:30 | 0.00                         |
| 12/30/89 12:00 | 0.00                         |
| 12/30/89 12:30 | 0.01                         |
| 12/30/89 12:45 | 0.00                         |
| 12/30/89 13:15 | 0.00                         |
| 12/30/89 14:00 | 0.00                         |
| 12/30/89 14:30 | 0.00                         |
| 12/30/89 15:00 | 0.00                         |
| 12/30/89 15:15 | 0.00                         |
| 12/30/89 15:30 | 0.00                         |
| 12/30/89 15:45 | 0.00                         |
| 12/30/89 16:30 | 0.00                         |
| 12/30/89 17:00 | 0.00                         |
| 12/30/89 17:30 | 0.00                         |
| 12/30/89 17:45 | 0.00                         |
| 01/01/90 00:15 | 0.00                         |
| 01/03/90 08:00 | 0.00                         |
| 01/04/90 07:00 | 0.01                         |
| 01/16/90 08:30 | 0.00                         |
| 01/16/90 08:45 | 0.00                         |
| 01/16/90 09:00 | 0.01                         |
| 01/16/90 09:30 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 01/16/90 09:45 | 0.00                         |
| 01/16/90 10:00 | 0.00                         |
| 01/16/90 14:15 | 0.00                         |
| 01/16/90 14:30 | 0.00                         |
| 01/16/90 14:45 | 0.01                         |
| 01/16/90 15:15 | 0.00                         |
| 01/16/90 15:45 | 0.00                         |
| 01/16/90 16:15 | 0.00                         |
| 01/16/90 16:30 | 0.00                         |
| 01/16/90 16:45 | 0.00                         |
| 01/16/90 17:15 | 0.00                         |
| 01/17/90 06:15 | 0.00                         |
| 01/17/90 06:30 | 0.00                         |
| 01/17/90 06:45 | 0.00                         |
| 01/17/90 07:00 | 0.00                         |
| 01/17/90 07:15 | 0.01                         |
| 01/17/90 07:30 | 0.01                         |
| 01/17/90 07:45 | 0.01                         |
| 01/17/90 08:00 | 0.01                         |
| 01/17/90 08:15 | 0.01                         |
| 01/17/90 08:30 | 0.01                         |
| 01/17/90 08:45 | 0.01                         |
| 01/17/90 09:00 | 0.01                         |
| 01/17/90 09:30 | 0.00                         |
| 01/17/90 10:00 | 0.00                         |
| 01/17/90 10:15 | 0.00                         |
| 01/17/90 10:30 | 0.00                         |
| 01/17/90 10:45 | 0.00                         |
| 01/17/90 11:00 | 0.00                         |
| 01/17/90 11:15 | 0.00                         |
| 01/17/90 11:30 | 0.00                         |
| 01/17/90 11:45 | 0.00                         |
| 01/18/90 11:30 | 0.00                         |
| 01/18/90 12:00 | 0.00                         |
| 01/18/90 12:15 | 0.00                         |
| 01/18/90 12:30 | 0.00                         |
| 01/18/90 12:45 | 0.00                         |
| 01/18/90 13:00 | 0.00                         |
| 01/18/90 13:15 | 0.00                         |
| 01/18/90 13:30 | 0.00                         |
| 01/18/90 13:45 | 0.00                         |
| 01/18/90 14:00 | 0.00                         |
| 01/18/90 14:15 | 0.00                         |
| 01/18/90 14:30 | 0.00                         |
| 01/18/90 14:45 | 0.00                         |
| 01/18/90 15:00 | 0.00                         |
| 01/18/90 15:15 | 0.00                         |
| 01/18/90 15:30 | 0.00                         |
| 01/18/90 15:45 | 0.00                         |
| 01/18/90 16:00 | 0.00                         |
| 01/18/90 16:15 | 0.00                         |
| 01/18/90 16:30 | 0.00                         |
| 01/18/90 17:00 | 0.00                         |
| 01/18/90 17:15 | 0.00                         |
| 01/18/90 17:30 | 0.00                         |
| 01/18/90 18:15 | 0.00                         |
| 01/18/90 18:30 | 0.00                         |
| 01/18/90 19:00 | 0.00                         |
| 01/18/90 19:15 | 0.01                         |
| 01/18/90 19:30 | 0.01                         |
| 01/18/90 19:45 | 0.00                         |
| 01/18/90 20:00 | 0.01                         |
| 01/18/90 20:15 | 0.02                         |
| 01/18/90 20:30 | 0.01                         |
| 01/18/90 20:45 | 0.00                         |
| 01/18/90 21:00 | 0.00                         |
| 01/18/90 21:15 | 0.00                         |
| 01/18/90 21:30 | 0.00                         |
| 01/18/90 21:45 | 0.00                         |
| 01/18/90 22:00 | 0.00                         |
| 01/18/90 22:15 | 0.01                         |
| 01/18/90 22:30 | 0.01                         |
| 01/18/90 23:00 | 0.00                         |
| 01/19/90 00:15 | 0.00                         |
| 01/19/90 00:30 | 0.00                         |
| 01/19/90 00:45 | 0.00                         |
| 01/19/90 01:00 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 01/19/90 01:15 | 0.00                         |
| 01/19/90 01:30 | 0.00                         |
| 01/19/90 01:45 | 0.00                         |
| 01/19/90 02:00 | 0.00                         |
| 01/19/90 02:30 | 0.00                         |
| 01/19/90 03:00 | 0.00                         |
| 01/19/90 04:30 | 0.00                         |
| 01/19/90 05:00 | 0.00                         |
| 01/19/90 05:30 | 0.00                         |
| 01/19/90 06:00 | 0.00                         |
| 01/19/90 08:45 | 0.00                         |
| 01/19/90 09:00 | 0.00                         |
| 01/19/90 09:15 | 0.01                         |
| 01/19/90 10:00 | 0.00                         |
| 01/19/90 10:45 | 0.02                         |
| 01/19/90 11:00 | 0.06                         |
| 01/19/90 11:15 | 0.01                         |
| 01/19/90 11:30 | 0.00                         |
| 01/28/90 13:15 | 0.00                         |
| 01/28/90 13:30 | 0.00                         |
| 01/28/90 14:00 | 0.00                         |
| 01/28/90 14:15 | 0.00                         |
| 01/28/90 14:30 | 0.00                         |
| 01/28/90 15:00 | 0.00                         |
| 01/28/90 15:30 | 0.00                         |
| 02/01/90 00:15 | 0.00                         |
| 02/01/90 01:45 | 0.01                         |
| 02/01/90 02:15 | 0.01                         |
| 02/01/90 03:15 | 0.01                         |
| 02/01/90 04:00 | 0.00                         |
| 02/01/90 04:15 | 0.00                         |
| 02/01/90 04:45 | 0.00                         |
| 02/01/90 05:00 | 0.00                         |
| 02/01/90 05:15 | 0.01                         |
| 02/01/90 05:30 | 0.02                         |
| 02/01/90 05:45 | 0.02                         |
| 02/01/90 06:00 | 0.02                         |
| 02/01/90 06:15 | 0.05                         |
| 02/01/90 06:30 | 0.03                         |
| 02/01/90 06:45 | 0.03                         |
| 02/01/90 07:00 | 0.01                         |
| 02/01/90 07:15 | 0.01                         |
| 02/01/90 07:30 | 0.01                         |
| 02/01/90 07:45 | 0.00                         |
| 02/01/90 08:00 | 0.01                         |
| 02/01/90 08:45 | 0.00                         |
| 02/01/90 09:00 | 0.00                         |
| 02/01/90 09:15 | 0.00                         |
| 02/01/90 18:45 | 0.00                         |
| 02/01/90 19:30 | 0.00                         |
| 02/01/90 20:00 | 0.00                         |
| 02/01/90 20:30 | 0.00                         |
| 02/01/90 20:45 | 0.00                         |
| 02/03/90 04:45 | 0.00                         |
| 02/03/90 05:00 | 0.00                         |
| 02/03/90 05:15 | 0.01                         |
| 02/03/90 05:30 | 0.01                         |
| 02/03/90 05:45 | 0.00                         |
| 02/08/90 16:15 | 0.00                         |
| 02/08/90 16:30 | 0.00                         |
| 02/09/90 08:30 | 0.00                         |
| 02/09/90 09:00 | 0.00                         |
| 02/09/90 09:30 | 0.00                         |
| 02/09/90 10:00 | 0.00                         |
| 02/09/90 11:00 | 0.00                         |
| 02/09/90 11:15 | 0.01                         |
| 02/09/90 11:30 | 0.00                         |
| 02/09/90 11:45 | 0.00                         |
| 02/09/90 12:00 | 0.00                         |
| 02/09/90 13:15 | 0.00                         |
| 02/09/90 13:30 | 0.00                         |
| 02/09/90 13:45 | 0.00                         |
| 02/09/90 14:00 | 0.00                         |
| 02/09/90 14:30 | 0.00                         |
| 02/09/90 21:15 | 0.00                         |
| 02/09/90 21:30 | 0.00                         |
| 02/09/90 21:45 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 02/09/90 22:00 | 0.00                         |
| 02/09/90 22:15 | 0.00                         |
| 02/09/90 22:45 | 0.00                         |
| 02/14/90 15:00 | 0.00                         |
| 02/14/90 15:30 | 0.00                         |
| 02/14/90 16:00 | 0.00                         |
| 02/14/90 16:15 | 0.00                         |
| 02/14/90 16:30 | 0.00                         |
| 02/14/90 16:45 | 0.00                         |
| 02/14/90 17:15 | 0.00                         |
| 02/14/90 17:45 | 0.00                         |
| 02/15/90 02:00 | 0.00                         |
| 02/15/90 02:45 | 0.00                         |
| 02/21/90 10:15 | 0.00                         |
| 02/21/90 10:30 | 0.01                         |
| 02/21/90 10:45 | 0.01                         |
| 02/21/90 11:00 | 0.00                         |
| 02/21/90 11:15 | 0.00                         |
| 02/21/90 11:30 | 0.00                         |
| 02/21/90 11:45 | 0.00                         |
| 02/21/90 12:00 | 0.00                         |
| 02/21/90 12:15 | 0.01                         |
| 02/21/90 12:30 | 0.01                         |
| 02/21/90 12:45 | 0.00                         |
| 02/21/90 13:00 | 0.00                         |
| 02/21/90 13:15 | 0.00                         |
| 02/21/90 13:30 | 0.00                         |
| 02/21/90 13:45 | 0.00                         |
| 02/21/90 14:00 | 0.00                         |
| 02/21/90 14:15 | 0.00                         |
| 02/21/90 14:30 | 0.00                         |
| 02/21/90 14:45 | 0.00                         |
| 02/21/90 15:00 | 0.00                         |
| 02/21/90 15:15 | 0.00                         |
| 02/28/90 06:00 | 0.00                         |
| 02/28/90 06:15 | 0.00                         |
| 02/28/90 06:30 | 0.00                         |
| 02/28/90 06:45 | 0.00                         |
| 02/28/90 07:00 | 0.00                         |
| 02/28/90 07:30 | 0.00                         |
| 02/28/90 07:45 | 0.00                         |
| 02/28/90 08:00 | 0.00                         |
| 02/28/90 08:15 | 0.00                         |
| 02/28/90 08:30 | 0.00                         |
| 02/28/90 08:45 | 0.00                         |
| 02/28/90 09:30 | 0.00                         |
| 02/28/90 10:00 | 0.00                         |
| 02/28/90 10:15 | 0.00                         |
| 02/28/90 10:30 | 0.00                         |
| 02/28/90 10:45 | 0.00                         |
| 02/28/90 11:00 | 0.00                         |
| 02/28/90 11:15 | 0.00                         |
| 02/28/90 11:45 | 0.00                         |
| 03/01/90 00:15 | 0.00                         |
| 03/05/90 09:45 | 0.00                         |
| 03/05/90 10:15 | 0.00                         |
| 03/07/90 01:30 | 0.01                         |
| 03/07/90 01:45 | 0.00                         |
| 03/07/90 02:00 | 0.00                         |
| 03/07/90 02:15 | 0.01                         |
| 03/07/90 02:30 | 0.00                         |
| 03/07/90 02:45 | 0.01                         |
| 03/07/90 03:00 | 0.00                         |
| 03/07/90 03:15 | 0.02                         |
| 03/07/90 03:30 | 0.02                         |
| 03/07/90 03:45 | 0.00                         |
| 03/07/90 04:00 | 0.00                         |
| 03/07/90 04:15 | 0.00                         |
| 03/07/90 04:30 | 0.00                         |
| 03/07/90 05:00 | 0.00                         |
| 03/07/90 05:45 | 0.00                         |
| 03/11/90 06:45 | 0.01                         |
| 03/11/90 07:00 | 0.02                         |
| 03/11/90 07:15 | 0.03                         |
| 03/11/90 07:30 | 0.02                         |
| 03/11/90 07:45 | 0.03                         |
| 03/11/90 08:00 | 0.03                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 03/11/90 08:15 | 0.03                         |
| 03/11/90 08:30 | 0.02                         |
| 03/11/90 08:45 | 0.01                         |
| 03/11/90 09:00 | 0.02                         |
| 03/11/90 09:15 | 0.01                         |
| 03/11/90 09:30 | 0.00                         |
| 03/11/90 09:45 | 0.01                         |
| 03/11/90 10:00 | 0.01                         |
| 03/11/90 10:15 | 0.01                         |
| 03/11/90 10:30 | 0.00                         |
| 03/11/90 10:45 | 0.00                         |
| 03/11/90 11:00 | 0.00                         |
| 03/11/90 16:15 | 0.02                         |
| 03/11/90 16:30 | 0.03                         |
| 03/11/90 16:45 | 0.00                         |
| 03/11/90 17:00 | 0.01                         |
| 03/14/90 10:00 | 0.04                         |
| 03/14/90 10:15 | 0.07                         |
| 03/14/90 10:30 | 0.05                         |
| 03/14/90 10:45 | 0.01                         |
| 03/14/90 11:00 | 0.01                         |
| 03/14/90 11:15 | 0.01                         |
| 03/14/90 11:30 | 0.01                         |
| 03/14/90 11:45 | 0.01                         |
| 03/14/90 12:45 | 0.00                         |
| 03/14/90 13:00 | 0.00                         |
| 03/25/90 07:30 | 0.00                         |
| 03/25/90 08:00 | 0.00                         |
| 03/25/90 08:15 | 0.00                         |
| 03/25/90 08:30 | 0.00                         |
| 03/25/90 08:45 | 0.00                         |
| 03/25/90 09:00 | 0.00                         |
| 03/25/90 09:15 | 0.00                         |
| 03/25/90 09:30 | 0.00                         |
| 03/25/90 09:45 | 0.00                         |
| 03/25/90 10:00 | 0.00                         |
| 03/25/90 10:15 | 0.00                         |
| 03/25/90 10:30 | 0.01                         |
| 03/25/90 10:45 | 0.01                         |
| 03/25/90 11:00 | 0.00                         |
| 03/25/90 11:30 | 0.00                         |
| 03/25/90 11:45 | 0.00                         |
| 03/25/90 12:00 | 0.00                         |
| 03/25/90 13:15 | 0.00                         |
| 03/25/90 13:30 | 0.00                         |
| 03/25/90 13:45 | 0.00                         |
| 03/25/90 14:00 | 0.00                         |
| 03/25/90 15:00 | 0.00                         |
| 03/25/90 15:45 | 0.00                         |
| 03/25/90 17:45 | 0.00                         |
| 03/25/90 20:00 | 0.00                         |
| 03/25/90 21:15 | 0.00                         |
| 03/27/90 14:00 | 0.00                         |
| 03/27/90 14:15 | 0.00                         |
| 03/27/90 14:30 | 0.00                         |
| 03/27/90 14:45 | 0.00                         |
| 03/27/90 15:00 | 0.00                         |
| 03/27/90 15:30 | 0.00                         |
| 03/27/90 15:45 | 0.00                         |
| 03/27/90 16:00 | 0.00                         |
| 03/27/90 16:15 | 0.00                         |
| 03/27/90 16:30 | 0.00                         |
| 03/27/90 16:45 | 0.00                         |
| 03/27/90 17:00 | 0.00                         |
| 03/27/90 17:15 | 0.00                         |
| 03/27/90 17:30 | 0.00                         |
| 03/27/90 17:45 | 0.00                         |
| 03/27/90 18:00 | 0.00                         |
| 03/27/90 18:15 | 0.01                         |
| 03/27/90 18:30 | 0.00                         |
| 03/27/90 18:45 | 0.00                         |
| 03/27/90 19:00 | 0.00                         |
| 03/27/90 19:15 | 0.01                         |
| 03/27/90 19:30 | 0.01                         |
| 03/27/90 19:45 | 0.00                         |
| 03/27/90 20:00 | 0.00                         |
| 03/27/90 20:15 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 03/27/90 20:30 | 0.00                         |
| 03/27/90 20:45 | 0.00                         |
| 03/27/90 21:15 | 0.00                         |
| 03/27/90 21:30 | 0.00                         |
| 03/27/90 21:45 | 0.00                         |
| 03/27/90 22:00 | 0.00                         |
| 03/27/90 22:15 | 0.00                         |
| 03/27/90 22:30 | 0.01                         |
| 03/27/90 22:45 | 0.01                         |
| 03/27/90 23:00 | 0.01                         |
| 03/27/90 23:15 | 0.00                         |
| 03/27/90 23:30 | 0.00                         |
| 03/28/90 01:00 | 0.01                         |
| 03/28/90 01:15 | 0.00                         |
| 03/28/90 01:30 | 0.00                         |
| 03/28/90 01:45 | 0.00                         |
| 03/29/90 02:30 | 0.01                         |
| 03/29/90 02:45 | 0.02                         |
| 03/29/90 03:00 | 0.01                         |
| 03/29/90 03:15 | 0.00                         |
| 04/01/90 00:15 | 0.00                         |
| 04/05/90 21:45 | 0.00                         |
| 04/05/90 22:00 | 0.01                         |
| 04/05/90 22:15 | 0.01                         |
| 04/05/90 22:30 | 0.01                         |
| 04/05/90 22:45 | 0.00                         |
| 04/05/90 23:00 | 0.00                         |
| 04/06/90 00:15 | 0.00                         |
| 04/06/90 01:00 | 0.00                         |
| 04/06/90 01:45 | 0.00                         |
| 04/06/90 02:15 | 0.00                         |
| 04/06/90 02:30 | 0.00                         |
| 04/06/90 02:45 | 0.00                         |
| 04/06/90 03:00 | 0.00                         |
| 04/06/90 03:15 | 0.00                         |
| 04/06/90 03:30 | 0.00                         |
| 04/06/90 04:00 | 0.00                         |
| 04/06/90 04:30 | 0.00                         |
| 04/06/90 05:00 | 0.00                         |
| 04/06/90 05:30 | 0.00                         |
| 04/10/90 02:15 | 0.00                         |
| 04/10/90 02:30 | 0.01                         |
| 04/10/90 02:45 | 0.02                         |
| 04/10/90 03:00 | 0.02                         |
| 04/10/90 03:15 | 0.01                         |
| 04/10/90 03:30 | 0.01                         |
| 04/10/90 03:45 | 0.01                         |
| 04/10/90 04:00 | 0.00                         |
| 04/10/90 04:30 | 0.00                         |
| 04/10/90 04:45 | 0.00                         |
| 04/13/90 09:15 | 0.00                         |
| 04/13/90 09:30 | 0.00                         |
| 04/13/90 09:45 | 0.02                         |
| 04/13/90 10:00 | 0.00                         |
| 04/13/90 10:30 | 0.00                         |
| 04/13/90 10:45 | 0.00                         |
| 04/13/90 11:00 | 0.01                         |
| 04/13/90 11:15 | 0.01                         |
| 04/13/90 11:30 | 0.01                         |
| 04/13/90 11:45 | 0.00                         |
| 04/13/90 12:00 | 0.00                         |
| 04/13/90 12:30 | 0.00                         |
| 04/14/90 03:00 | 0.01                         |
| 04/14/90 03:15 | 0.01                         |
| 04/14/90 03:45 | 0.00                         |
| 04/14/90 04:15 | 0.00                         |
| 04/14/90 04:45 | 0.00                         |
| 04/14/90 05:00 | 0.03                         |
| 04/14/90 05:15 | 0.01                         |
| 04/14/90 05:30 | 0.00                         |
| 04/14/90 05:45 | 0.00                         |
| 04/14/90 06:00 | 0.00                         |
| 04/14/90 06:15 | 0.00                         |
| 04/15/90 22:30 | 0.01                         |
| 04/15/90 22:45 | 0.06                         |
| 04/15/90 23:00 | 0.08                         |
| 04/15/90 23:15 | 0.09                         |



| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 04/15/90 23:30 | 0.05                         |
| 04/15/90 23:45 | 0.02                         |
| 04/19/90 01:30 | 0.00                         |
| 04/19/90 01:45 | 0.00                         |
| 04/19/90 02:00 | 0.00                         |
| 04/19/90 02:15 | 0.00                         |
| 04/19/90 02:30 | 0.00                         |
| 04/19/90 02:45 | 0.00                         |
| 04/19/90 03:00 | 0.01                         |
| 04/19/90 03:15 | 0.01                         |
| 04/19/90 03:45 | 0.00                         |
| 04/19/90 04:00 | 0.00                         |
| 04/19/90 04:15 | 0.00                         |
| 04/19/90 04:30 | 0.00                         |
| 04/19/90 04:45 | 0.00                         |
| 04/19/90 05:00 | 0.00                         |
| 04/19/90 05:15 | 0.00                         |
| 04/19/90 05:30 | 0.00                         |
| 04/19/90 05:45 | 0.00                         |
| 04/19/90 06:00 | 0.00                         |
| 04/19/90 06:15 | 0.00                         |
| 04/19/90 06:30 | 0.00                         |
| 04/19/90 06:45 | 0.00                         |
| 04/19/90 07:00 | 0.00                         |
| 04/19/90 13:00 | 0.00                         |
| 04/19/90 13:15 | 0.00                         |
| 04/19/90 15:15 | 0.00                         |
| 04/19/90 15:30 | 0.00                         |
| 04/19/90 15:45 | 0.00                         |
| 04/19/90 16:00 | 0.00                         |
| 04/20/90 11:15 | 0.00                         |
| 04/20/90 11:30 | 0.00                         |
| 04/20/90 11:45 | 0.01                         |
| 04/20/90 12:00 | 0.01                         |
| 04/20/90 12:15 | 0.01                         |
| 04/20/90 12:30 | 0.02                         |
| 04/20/90 12:45 | 0.01                         |
| 04/20/90 13:00 | 0.00                         |
| 04/20/90 13:15 | 0.00                         |
| 04/20/90 13:30 | 0.01                         |
| 04/20/90 13:45 | 0.01                         |
| 04/20/90 14:00 | 0.01                         |
| 04/20/90 14:15 | 0.01                         |
| 04/20/90 14:30 | 0.00                         |
| 04/20/90 14:45 | 0.00                         |
| 04/20/90 15:15 | 0.00                         |
| 04/20/90 15:30 | 0.00                         |
| 04/20/90 15:45 | 0.00                         |
| 04/20/90 16:00 | 0.00                         |
| 04/20/90 16:15 | 0.00                         |
| 04/20/90 16:45 | 0.00                         |
| 04/20/90 17:15 | 0.00                         |
| 04/20/90 17:45 | 0.00                         |
| 04/20/90 19:15 | 0.00                         |
| 04/20/90 19:45 | 0.00                         |
| 04/25/90 16:30 | 0.01                         |
| 04/25/90 16:45 | 0.00                         |
| 04/25/90 17:00 | 0.00                         |
| 04/25/90 17:15 | 0.01                         |
| 04/25/90 17:30 | 0.02                         |
| 04/25/90 18:00 | 0.01                         |
| 04/25/90 18:15 | 0.01                         |
| 04/25/90 18:45 | 0.00                         |
| 04/26/90 02:30 | 0.00                         |
| 04/26/90 02:45 | 0.00                         |
| 04/26/90 03:00 | 0.00                         |
| 04/26/90 03:15 | 0.02                         |
| 04/26/90 03:30 | 0.01                         |
| 04/26/90 03:45 | 0.02                         |
| 04/26/90 04:00 | 0.01                         |
| 04/26/90 04:15 | 0.01                         |
| 04/26/90 04:30 | 0.00                         |
| 04/26/90 04:45 | 0.00                         |
| 04/26/90 05:00 | 0.00                         |
| 04/26/90 05:15 | 0.00                         |
| 04/26/90 06:00 | 0.00                         |
| 04/26/90 06:15 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 04/26/90 06:30 | 0.00                         |
| 04/26/90 06:45 | 0.00                         |
| 04/26/90 07:00 | 0.00                         |
| 04/26/90 07:15 | 0.01                         |
| 04/26/90 07:30 | 0.00                         |
| 04/26/90 07:45 | 0.00                         |
| 04/26/90 08:00 | 0.00                         |
| 04/26/90 08:15 | 0.00                         |
| 04/26/90 08:30 | 0.00                         |
| 04/26/90 08:45 | 0.00                         |
| 04/26/90 09:00 | 0.01                         |
| 04/26/90 09:15 | 0.01                         |
| 04/26/90 09:30 | 0.01                         |
| 04/26/90 09:45 | 0.01                         |
| 04/26/90 10:00 | 0.01                         |
| 04/26/90 10:15 | 0.01                         |
| 04/26/90 10:30 | 0.00                         |
| 04/26/90 10:45 | 0.00                         |
| 04/26/90 11:00 | 0.00                         |
| 04/26/90 11:30 | 0.00                         |
| 04/26/90 12:00 | 0.00                         |
| 04/26/90 12:30 | 0.00                         |
| 04/26/90 13:00 | 0.00                         |
| 04/27/90 16:00 | 0.01                         |
| 04/27/90 16:15 | 0.02                         |
| 05/01/90 00:15 | 0.00                         |
| 05/01/90 21:00 | 0.00                         |
| 05/01/90 21:15 | 0.01                         |
| 05/01/90 21:30 | 0.01                         |
| 05/01/90 21:45 | 0.01                         |
| 05/01/90 22:00 | 0.01                         |
| 05/01/90 22:15 | 0.01                         |
| 05/01/90 22:30 | 0.01                         |
| 05/01/90 22:45 | 0.01                         |
| 05/01/90 23:00 | 0.01                         |
| 05/01/90 23:15 | 0.01                         |
| 05/01/90 23:30 | 0.01                         |
| 05/01/90 23:45 | 0.02                         |
| 05/02/90 00:15 | 0.01                         |
| 05/02/90 00:30 | 0.01                         |
| 05/02/90 00:45 | 0.00                         |
| 05/02/90 01:00 | 0.00                         |
| 05/02/90 01:15 | 0.00                         |
| 05/02/90 01:30 | 0.00                         |
| 05/02/90 01:45 | 0.00                         |
| 05/02/90 02:15 | 0.00                         |
| 05/02/90 02:30 | 0.00                         |
| 05/02/90 02:45 | 0.00                         |
| 05/02/90 03:00 | 0.00                         |
| 05/02/90 03:15 | 0.00                         |
| 05/02/90 03:45 | 0.00                         |
| 05/02/90 04:00 | 0.00                         |
| 05/02/90 04:15 | 0.00                         |
| 05/02/90 04:30 | 0.00                         |
| 05/02/90 04:45 | 0.01                         |
| 05/02/90 05:00 | 0.01                         |
| 05/02/90 05:45 | 0.00                         |
| 05/02/90 06:00 | 0.00                         |
| 05/02/90 06:15 | 0.00                         |
| 05/02/90 06:30 | 0.00                         |
| 05/02/90 06:45 | 0.00                         |
| 05/02/90 07:00 | 0.00                         |
| 05/02/90 07:15 | 0.02                         |
| 05/02/90 07:30 | 0.01                         |
| 05/02/90 08:00 | 0.00                         |
| 05/02/90 08:45 | 0.00                         |
| 05/02/90 09:00 | 0.00                         |
| 05/02/90 09:15 | 0.01                         |
| 05/02/90 09:30 | 0.01                         |
| 05/02/90 09:45 | 0.00                         |
| 05/02/90 10:00 | 0.00                         |
| 05/02/90 10:15 | 0.00                         |
| 05/02/90 10:30 | 0.00                         |
| 05/02/90 13:15 | 0.00                         |
| 05/02/90 13:30 | 0.00                         |
| 05/02/90 13:45 | 0.00                         |
| 05/02/90 14:15 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 05/02/90 14:45 | 0.00                         |
| 05/02/90 15:00 | 0.00                         |
| 05/02/90 15:15 | 0.00                         |
| 05/02/90 21:00 | 0.00                         |
| 05/02/90 21:15 | 0.00                         |
| 05/02/90 21:30 | 0.00                         |
| 05/02/90 21:45 | 0.03                         |
| 05/02/90 22:00 | 0.06                         |
| 05/02/90 22:15 | 0.07                         |
| 05/02/90 22:30 | 0.10                         |
| 05/02/90 22:45 | 0.04                         |
| 05/02/90 23:00 | 0.01                         |
| 05/02/90 23:15 | 0.04                         |
| 05/02/90 23:30 | 0.02                         |
| 05/03/90 00:15 | 0.02                         |
| 05/03/90 00:30 | 0.01                         |
| 05/03/90 00:45 | 0.01                         |
| 05/03/90 01:00 | 0.00                         |
| 05/03/90 02:00 | 0.00                         |
| 05/03/90 02:15 | 0.00                         |
| 05/03/90 02:30 | 0.00                         |
| 05/03/90 02:45 | 0.01                         |
| 05/03/90 03:00 | 0.01                         |
| 05/03/90 03:15 | 0.00                         |
| 05/03/90 03:30 | 0.00                         |
| 05/03/90 03:45 | 0.00                         |
| 05/03/90 04:00 | 0.01                         |
| 05/03/90 04:15 | 0.00                         |
| 05/03/90 04:30 | 0.00                         |
| 05/03/90 04:45 | 0.00                         |
| 05/03/90 05:00 | 0.00                         |
| 05/03/90 05:15 | 0.00                         |
| 05/03/90 05:30 | 0.00                         |
| 05/03/90 05:45 | 0.00                         |
| 05/03/90 06:45 | 0.00                         |
| 05/03/90 08:45 | 0.00                         |
| 05/03/90 09:15 | 0.00                         |
| 05/03/90 09:45 | 0.00                         |
| 05/11/90 08:15 | 0.00                         |
| 05/11/90 08:30 | 0.00                         |
| 05/11/90 08:45 | 0.01                         |
| 05/11/90 09:00 | 0.01                         |
| 05/11/90 09:15 | 0.00                         |
| 05/11/90 09:30 | 0.00                         |
| 05/11/90 21:45 | 0.00                         |
| 05/11/90 22:00 | 0.00                         |
| 05/11/90 22:15 | 0.00                         |
| 05/11/90 22:30 | 0.01                         |
| 05/11/90 22:45 | 0.01                         |
| 05/11/90 23:00 | 0.01                         |
| 05/17/90 07:45 | 0.00                         |
| 05/17/90 08:00 | 0.00                         |
| 05/17/90 08:15 | 0.00                         |
| 05/17/90 08:30 | 0.00                         |
| 05/17/90 09:15 | 0.00                         |
| 05/18/90 15:30 | 0.00                         |
| 05/18/90 16:00 | 0.00                         |
| 05/18/90 16:45 | 0.00                         |
| 05/18/90 17:30 | 0.00                         |
| 05/18/90 18:45 | 0.00                         |
| 05/18/90 19:15 | 0.00                         |
| 05/18/90 19:30 | 0.00                         |
| 05/30/90 23:30 | 0.00                         |
| 05/31/90 00:30 | 0.00                         |
| 05/31/90 01:00 | 0.00                         |
| 06/01/90 00:15 | 0.00                         |
| 06/01/90 04:30 | 0.00                         |
| 06/01/90 04:45 | 0.03                         |
| 06/01/90 05:00 | 0.02                         |
| 06/01/90 05:15 | 0.00                         |
| 06/01/90 05:30 | 0.00                         |
| 06/01/90 05:45 | 0.00                         |
| 06/01/90 06:00 | 0.00                         |
| 06/01/90 06:15 | 0.00                         |
| 06/01/90 06:30 | 0.00                         |
| 06/01/90 06:45 | 0.00                         |
| 06/01/90 07:00 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 06/01/90 07:15 | 0.00                         |
| 06/01/90 07:30 | 0.00                         |
| 06/01/90 07:45 | 0.00                         |
| 06/01/90 08:00 | 0.00                         |
| 06/01/90 08:30 | 0.00                         |
| 06/01/90 14:15 | 0.01                         |
| 06/01/90 14:45 | 0.00                         |
| 06/01/90 15:00 | 0.00                         |
| 06/03/90 06:30 | 0.01                         |
| 06/03/90 06:45 | 0.01                         |
| 06/03/90 07:00 | 0.00                         |
| 06/24/90 07:30 | 0.01                         |
| 06/24/90 07:45 | 0.00                         |
| 06/24/90 08:00 | 0.00                         |
| 06/24/90 08:15 | 0.00                         |
| 06/24/90 08:30 | 0.00                         |
| 06/24/90 08:45 | 0.00                         |
| 06/24/90 09:00 | 0.00                         |
| 06/24/90 10:45 | 0.00                         |
| 06/24/90 11:00 | 0.00                         |
| 06/24/90 15:00 | 0.00                         |
| 06/28/90 07:00 | 0.02                         |
| 06/30/90 08:45 | 0.00                         |
| 06/30/90 09:00 | 0.00                         |
| 06/30/90 09:45 | 0.00                         |
| 07/01/90 00:15 | 0.00                         |
| 07/05/90 15:45 | 0.00                         |
| 07/05/90 16:00 | 0.02                         |
| 07/05/90 16:15 | 0.00                         |
| 07/05/90 16:30 | 0.00                         |
| 07/05/90 16:45 | 0.00                         |
| 07/12/90 03:45 | 0.00                         |
| 07/12/90 04:15 | 0.00                         |
| 07/12/90 05:30 | 0.00                         |
| 07/12/90 05:45 | 0.00                         |
| 07/12/90 06:00 | 0.00                         |
| 07/12/90 06:15 | 0.00                         |
| 07/12/90 06:30 | 0.00                         |
| 07/12/90 06:45 | 0.01                         |
| 07/12/90 07:00 | 0.00                         |
| 07/12/90 07:15 | 0.01                         |
| 07/12/90 07:30 | 0.01                         |
| 07/12/90 07:45 | 0.01                         |
| 07/12/90 08:00 | 0.01                         |
| 07/12/90 08:15 | 0.00                         |
| 07/12/90 08:30 | 0.00                         |
| 07/12/90 08:45 | 0.00                         |
| 07/17/90 00:15 | 0.00                         |
| 07/17/90 00:45 | 0.00                         |
| 07/17/90 08:45 | 0.00                         |
| 07/17/90 09:00 | 0.00                         |
| 07/17/90 13:45 | 0.00                         |
| 07/18/90 16:30 | 0.02                         |
| 07/18/90 16:45 | 0.00                         |
| 07/18/90 17:00 | 0.00                         |
| 07/18/90 17:15 | 0.01                         |
| 07/18/90 17:30 | 0.00                         |
| 07/18/90 17:45 | 0.00                         |
| 07/22/90 13:45 | 0.00                         |
| 07/22/90 14:00 | 0.03                         |
| 07/22/90 14:15 | 0.02                         |
| 07/22/90 14:45 | 0.00                         |
| 07/22/90 15:15 | 0.00                         |
| 07/22/90 15:45 | 0.00                         |
| 07/22/90 16:15 | 0.00                         |
| 07/22/90 16:30 | 0.00                         |
| 07/22/90 16:45 | 0.00                         |
| 07/23/90 01:00 | 0.00                         |
| 07/23/90 01:15 | 0.00                         |
| 07/23/90 01:30 | 0.00                         |
| 07/23/90 01:45 | 0.02                         |
| 07/23/90 02:00 | 0.01                         |
| 07/23/90 02:15 | 0.01                         |
| 07/23/90 02:30 | 0.01                         |
| 07/23/90 02:45 | 0.00                         |
| 07/23/90 03:00 | 0.00                         |
| 07/23/90 03:15 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 07/31/90 13:00 | 0.00                         |
| 07/31/90 13:15 | 0.00                         |
| 07/31/90 13:30 | 0.00                         |
| 07/31/90 13:45 | 0.00                         |
| 07/31/90 14:00 | 0.00                         |
| 08/01/90 00:15 | 0.00                         |
| 08/01/90 17:30 | 0.00                         |
| 08/01/90 17:45 | 0.00                         |
| 08/01/90 18:00 | 0.01                         |
| 08/01/90 18:15 | 0.03                         |
| 08/01/90 18:30 | 0.00                         |
| 08/01/90 18:45 | 0.00                         |
| 08/02/90 19:45 | 0.01                         |
| 08/02/90 20:00 | 0.00                         |
| 08/02/90 20:30 | 0.01                         |
| 08/02/90 21:15 | 0.00                         |
| 08/02/90 21:30 | 0.01                         |
| 08/02/90 21:45 | 0.01                         |
| 08/02/90 22:00 | 0.00                         |
| 08/02/90 22:15 | 0.00                         |
| 08/02/90 22:45 | 0.00                         |
| 08/02/90 23:15 | 0.00                         |
| 08/02/90 23:45 | 0.00                         |
| 08/03/90 14:00 | 0.00                         |
| 08/03/90 14:15 | 0.04                         |
| 08/03/90 14:30 | 0.01                         |
| 08/03/90 14:45 | 0.00                         |
| 08/04/90 03:30 | 0.01                         |
| 08/04/90 03:45 | 0.02                         |
| 08/04/90 04:00 | 0.01                         |
| 08/04/90 04:15 | 0.00                         |
| 08/04/90 04:30 | 0.00                         |
| 08/04/90 09:15 | 0.00                         |
| 08/04/90 09:30 | 0.00                         |
| 08/04/90 09:45 | 0.00                         |
| 08/04/90 10:00 | 0.00                         |
| 08/04/90 14:15 | 0.00                         |
| 08/04/90 14:30 | 0.00                         |
| 08/04/90 14:45 | 0.00                         |
| 08/04/90 15:00 | 0.00                         |
| 08/04/90 15:15 | 0.00                         |
| 08/04/90 15:30 | 0.00                         |
| 08/04/90 15:45 | 0.01                         |
| 08/04/90 16:00 | 0.01                         |
| 08/04/90 16:15 | 0.01                         |
| 08/04/90 16:30 | 0.01                         |
| 08/04/90 16:45 | 0.00                         |
| 08/04/90 17:00 | 0.00                         |
| 08/04/90 17:30 | 0.00                         |
| 08/05/90 13:00 | 0.00                         |
| 08/05/90 18:00 | 0.06                         |
| 09/01/90 00:15 | 0.00                         |
| 09/04/90 16:15 | 0.00                         |
| 09/04/90 16:30 | 0.00                         |
| 09/04/90 17:45 | 0.00                         |
| 09/09/90 11:15 | 0.00                         |
| 09/09/90 12:00 | 0.00                         |
| 09/09/90 12:30 | 0.00                         |
| 09/10/90 10:45 | 0.00                         |
| 09/10/90 11:15 | 0.01                         |
| 09/10/90 11:45 | 0.00                         |
| 09/10/90 12:45 | 0.00                         |
| 09/17/90 20:30 | 0.00                         |
| 09/17/90 20:45 | 0.00                         |
| 09/20/90 15:00 | 0.01                         |
| 09/20/90 15:45 | 0.00                         |
| 09/20/90 16:45 | 0.00                         |
| 09/20/90 17:15 | 0.02                         |
| 09/20/90 17:30 | 0.00                         |
| 09/20/90 18:15 | 0.00                         |
| 09/20/90 19:00 | 0.00                         |
| 10/01/90 00:15 | 0.00                         |
| 10/03/90 09:15 | 0.01                         |
| 10/03/90 09:30 | 0.01                         |
| 10/03/90 09:45 | 0.00                         |
| 10/03/90 10:00 | 0.00                         |
| 10/03/90 10:15 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 10/08/90 15:30 | 0.01                         |
| 10/08/90 15:45 | 0.01                         |
| 10/08/90 16:00 | 0.01                         |
| 10/08/90 16:15 | 0.01                         |
| 10/08/90 16:30 | 0.00                         |
| 10/08/90 20:15 | 0.01                         |
| 10/08/90 20:30 | 0.02                         |
| 10/08/90 20:45 | 0.04                         |
| 10/08/90 21:00 | 0.02                         |
| 10/08/90 21:15 | 0.01                         |
| 10/08/90 21:30 | 0.01                         |
| 10/08/90 21:45 | 0.01                         |
| 10/08/90 22:00 | 0.01                         |
| 10/08/90 22:15 | 0.01                         |
| 10/08/90 22:30 | 0.00                         |
| 10/08/90 22:45 | 0.00                         |
| 10/08/90 23:00 | 0.01                         |
| 10/08/90 23:15 | 0.01                         |
| 10/08/90 23:30 | 0.01                         |
| 10/08/90 23:45 | 0.01                         |
| 10/09/90 00:15 | 0.00                         |
| 10/09/90 00:30 | 0.00                         |
| 10/09/90 00:45 | 0.00                         |
| 10/09/90 01:00 | 0.00                         |
| 10/09/90 01:15 | 0.00                         |
| 10/09/90 01:30 | 0.00                         |
| 10/09/90 01:45 | 0.00                         |
| 10/09/90 02:00 | 0.00                         |
| 10/09/90 02:15 | 0.00                         |
| 10/09/90 02:30 | 0.00                         |
| 10/09/90 02:45 | 0.00                         |
| 10/09/90 03:00 | 0.00                         |
| 10/09/90 03:15 | 0.00                         |
| 10/09/90 03:30 | 0.00                         |
| 10/17/90 12:15 | 0.01                         |
| 10/17/90 12:30 | 0.01                         |
| 10/17/90 13:00 | 0.00                         |
| 10/17/90 14:30 | 0.00                         |
| 10/17/90 17:15 | 0.02                         |
| 10/17/90 17:30 | 0.01                         |
| 10/17/90 18:00 | 0.00                         |
| 10/22/90 10:00 | 0.01                         |
| 10/22/90 11:30 | 0.00                         |
| 10/22/90 12:00 | 0.00                         |
| 11/01/90 00:15 | 0.00                         |
| 11/03/90 12:45 | 0.00                         |
| 11/03/90 13:00 | 0.01                         |
| 11/04/90 00:30 | 0.00                         |
| 11/04/90 01:15 | 0.00                         |
| 11/04/90 01:45 | 0.00                         |
| 11/04/90 02:00 | 0.00                         |
| 11/04/90 02:15 | 0.00                         |
| 11/04/90 03:30 | 0.00                         |
| 11/04/90 03:45 | 0.00                         |
| 11/04/90 04:00 | 0.00                         |
| 11/04/90 04:15 | 0.01                         |
| 11/04/90 04:30 | 0.01                         |
| 11/04/90 04:45 | 0.00                         |
| 11/04/90 05:00 | 0.01                         |
| 11/04/90 05:15 | 0.00                         |
| 11/04/90 05:30 | 0.00                         |
| 11/04/90 05:45 | 0.01                         |
| 11/04/90 06:00 | 0.01                         |
| 11/04/90 06:15 | 0.00                         |
| 11/04/90 06:30 | 0.00                         |
| 11/04/90 06:45 | 0.00                         |
| 11/04/90 07:00 | 0.00                         |
| 11/04/90 07:15 | 0.00                         |
| 11/04/90 07:30 | 0.00                         |
| 11/04/90 07:45 | 0.00                         |
| 11/04/90 08:00 | 0.00                         |
| 11/04/90 08:15 | 0.00                         |
| 11/04/90 08:30 | 0.01                         |
| 11/04/90 08:45 | 0.00                         |
| 11/04/90 09:00 | 0.00                         |
| 11/04/90 09:15 | 0.00                         |
| 11/04/90 09:30 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 11/04/90 09:45 | 0.00                         |
| 11/04/90 10:00 | 0.00                         |
| 11/07/90 22:15 | 0.00                         |
| 11/07/90 22:30 | 0.00                         |
| 11/07/90 23:30 | 0.00                         |
| 11/08/90 06:00 | 0.00                         |
| 11/08/90 06:15 | 0.00                         |
| 11/08/90 06:30 | 0.00                         |
| 11/08/90 06:45 | 0.00                         |
| 11/08/90 07:00 | 0.00                         |
| 11/08/90 07:15 | 0.01                         |
| 11/08/90 07:30 | 0.01                         |
| 11/08/90 07:45 | 0.01                         |
| 11/08/90 08:00 | 0.01                         |
| 11/08/90 08:15 | 0.01                         |
| 11/08/90 08:30 | 0.01                         |
| 11/08/90 08:45 | 0.01                         |
| 11/08/90 09:00 | 0.00                         |
| 11/08/90 09:15 | 0.00                         |
| 11/08/90 09:30 | 0.00                         |
| 11/08/90 09:45 | 0.00                         |
| 11/08/90 10:00 | 0.00                         |
| 11/08/90 10:15 | 0.00                         |
| 11/08/90 10:30 | 0.00                         |
| 11/08/90 10:45 | 0.00                         |
| 11/08/90 11:00 | 0.00                         |
| 11/08/90 11:15 | 0.00                         |
| 11/08/90 11:30 | 0.00                         |
| 11/08/90 11:45 | 0.00                         |
| 11/08/90 12:00 | 0.00                         |
| 11/08/90 12:15 | 0.00                         |
| 11/08/90 12:30 | 0.00                         |
| 11/08/90 12:45 | 0.00                         |
| 11/08/90 13:00 | 0.00                         |
| 11/08/90 13:15 | 0.00                         |
| 11/08/90 13:30 | 0.00                         |
| 11/08/90 13:45 | 0.00                         |
| 11/08/90 14:00 | 0.00                         |
| 11/08/90 14:15 | 0.00                         |
| 11/08/90 14:30 | 0.00                         |
| 11/08/90 14:45 | 0.00                         |
| 11/08/90 15:00 | 0.00                         |
| 11/08/90 15:15 | 0.00                         |
| 11/08/90 15:30 | 0.00                         |
| 11/08/90 15:45 | 0.00                         |
| 11/08/90 16:00 | 0.00                         |
| 11/08/90 16:15 | 0.00                         |
| 11/08/90 16:30 | 0.00                         |
| 11/08/90 16:45 | 0.00                         |
| 11/08/90 17:00 | 0.00                         |
| 11/08/90 17:15 | 0.00                         |
| 11/08/90 17:30 | 0.00                         |
| 11/08/90 17:45 | 0.00                         |
| 11/08/90 18:00 | 0.00                         |
| 11/08/90 18:15 | 0.00                         |
| 11/08/90 18:30 | 0.00                         |
| 11/08/90 18:45 | 0.00                         |
| 11/08/90 19:00 | 0.00                         |
| 11/08/90 19:15 | 0.00                         |
| 11/08/90 19:45 | 0.00                         |
| 11/08/90 20:15 | 0.00                         |
| 11/08/90 20:30 | 0.00                         |
| 11/08/90 21:00 | 0.00                         |
| 11/08/90 21:45 | 0.00                         |
| 11/08/90 22:15 | 0.00                         |
| 11/09/90 00:30 | 0.00                         |
| 11/09/90 02:15 | 0.00                         |
| 11/09/90 02:45 | 0.00                         |
| 11/09/90 03:15 | 0.00                         |
| 11/09/90 03:45 | 0.00                         |
| 11/22/90 06:45 | 0.00                         |
| 11/22/90 07:45 | 0.00                         |
| 11/22/90 08:00 | 0.05                         |
| 11/22/90 08:15 | 0.03                         |
| 11/22/90 08:30 | 0.01                         |
| 11/22/90 08:45 | 0.01                         |
| 11/22/90 09:00 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 11/22/90 09:15 | 0.00                         |
| 11/22/90 09:30 | 0.00                         |
| 11/22/90 09:45 | 0.00                         |
| 11/26/90 13:00 | 0.00                         |
| 11/26/90 13:15 | 0.00                         |
| 11/26/90 13:30 | 0.00                         |
| 11/26/90 13:45 | 0.00                         |
| 11/26/90 14:00 | 0.00                         |
| 11/26/90 14:15 | 0.00                         |
| 11/26/90 14:30 | 0.00                         |
| 11/26/90 14:45 | 0.00                         |
| 11/26/90 15:15 | 0.00                         |
| 11/26/90 16:00 | 0.00                         |
| 11/27/90 11:00 | 0.01                         |
| 11/27/90 11:15 | 0.04                         |
| 11/27/90 11:30 | 0.00                         |
| 12/01/90 00:15 | 0.00                         |
| 12/02/90 12:15 | 0.00                         |
| 12/02/90 12:30 | 0.00                         |
| 12/02/90 13:00 | 0.00                         |
| 12/02/90 13:30 | 0.00                         |
| 12/02/90 13:45 | 0.01                         |
| 12/02/90 14:00 | 0.01                         |
| 12/02/90 14:15 | 0.00                         |
| 12/02/90 14:45 | 0.00                         |
| 12/16/90 01:00 | 0.00                         |
| 12/16/90 01:15 | 0.00                         |
| 12/16/90 01:30 | 0.00                         |
| 12/16/90 01:45 | 0.00                         |
| 12/16/90 02:00 | 0.00                         |
| 12/16/90 02:15 | 0.00                         |
| 12/16/90 02:30 | 0.00                         |
| 12/16/90 02:45 | 0.00                         |
| 12/16/90 03:00 | 0.00                         |
| 12/16/90 03:30 | 0.00                         |
| 12/16/90 04:00 | 0.00                         |
| 12/16/90 04:30 | 0.00                         |
| 12/16/90 04:45 | 0.00                         |
| 12/16/90 05:00 | 0.00                         |
| 12/16/90 06:15 | 0.00                         |
| 12/16/90 06:30 | 0.00                         |
| 12/16/90 06:45 | 0.00                         |
| 12/16/90 07:00 | 0.00                         |
| 12/16/90 07:45 | 0.00                         |
| 12/16/90 08:00 | 0.00                         |
| 12/16/90 08:30 | 0.00                         |
| 12/16/90 09:00 | 0.00                         |
| 12/16/90 09:15 | 0.00                         |
| 12/16/90 09:30 | 0.00                         |
| 12/16/90 11:00 | 0.00                         |
| 12/17/90 12:00 | 0.01                         |
| 12/17/90 15:00 | 0.00                         |
| 12/17/90 15:30 | 0.00                         |
| 12/17/90 16:00 | 0.00                         |
| 12/17/90 23:15 | 0.00                         |
| 12/17/90 23:30 | 0.00                         |
| 12/17/90 23:45 | 0.00                         |
| 12/18/90 00:15 | 0.00                         |
| 12/18/90 00:45 | 0.00                         |
| 12/18/90 01:15 | 0.00                         |
| 12/18/90 02:00 | 0.00                         |
| 12/18/90 02:30 | 0.00                         |
| 12/18/90 02:45 | 0.00                         |
| 12/18/90 03:00 | 0.00                         |
| 12/18/90 03:30 | 0.00                         |
| 12/21/90 08:00 | 0.00                         |
| 12/22/90 07:00 | 0.01                         |
| 12/26/90 15:00 | 0.00                         |
| 12/26/90 15:30 | 0.00                         |
| 12/26/90 16:00 | 0.00                         |
| 12/26/90 16:30 | 0.00                         |
| 12/26/90 16:45 | 0.00                         |
| 12/26/90 17:00 | 0.00                         |
| 12/26/90 17:15 | 0.00                         |
| 12/26/90 17:30 | 0.00                         |
| 12/26/90 18:00 | 0.00                         |
| 12/26/90 19:00 | 0.00                         |



| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 12/28/90 23:15 | 0.00                         |
| 12/29/90 01:15 | 0.00                         |
| 12/29/90 02:00 | 0.00                         |
| 12/29/90 02:15 | 0.00                         |
| 12/29/90 02:30 | 0.00                         |
| 12/29/90 02:45 | 0.00                         |
| 12/29/90 03:15 | 0.00                         |
| 12/29/90 03:45 | 0.00                         |
| 12/29/90 04:00 | 0.00                         |
| 12/29/90 04:45 | 0.00                         |
| 12/29/90 05:00 | 0.00                         |
| 12/29/90 05:15 | 0.00                         |
| 12/29/90 05:30 | 0.00                         |
| 12/29/90 05:45 | 0.00                         |
| 12/29/90 06:15 | 0.00                         |
| 12/29/90 06:30 | 0.00                         |
| 12/29/90 06:45 | 0.00                         |
| 12/29/90 07:15 | 0.00                         |
| 12/29/90 07:30 | 0.00                         |
| 12/29/90 07:45 | 0.00                         |
| 12/29/90 08:00 | 0.00                         |
| 12/29/90 08:15 | 0.00                         |
| 12/29/90 08:30 | 0.00                         |
| 12/29/90 08:45 | 0.00                         |
| 12/31/90 11:45 | 0.00                         |
| 12/31/90 12:00 | 0.00                         |
| 12/31/90 12:30 | 0.00                         |
| 01/01/91 00:15 | 0.00                         |
| 01/05/91 12:15 | 0.00                         |
| 01/05/91 13:00 | 0.00                         |
| 01/06/91 09:30 | 0.00                         |
| 01/06/91 10:30 | 0.00                         |
| 01/06/91 11:30 | 0.00                         |
| 01/06/91 12:15 | 0.00                         |
| 01/06/91 13:00 | 0.00                         |
| 01/06/91 13:45 | 0.00                         |
| 01/06/91 14:30 | 0.00                         |
| 01/06/91 15:15 | 0.00                         |
| 01/06/91 16:00 | 0.00                         |
| 01/06/91 16:45 | 0.00                         |
| 01/06/91 19:15 | 0.00                         |
| 01/06/91 19:45 | 0.00                         |
| 01/06/91 20:15 | 0.00                         |
| 01/06/91 20:45 | 0.00                         |
| 01/06/91 21:15 | 0.00                         |
| 01/06/91 21:45 | 0.00                         |
| 01/06/91 22:15 | 0.00                         |
| 01/06/91 22:45 | 0.00                         |
| 01/06/91 23:15 | 0.00                         |
| 01/06/91 23:45 | 0.00                         |
| 01/07/91 00:15 | 0.00                         |
| 01/07/91 00:45 | 0.00                         |
| 01/07/91 01:15 | 0.00                         |
| 01/07/91 01:45 | 0.00                         |
| 01/07/91 02:15 | 0.00                         |
| 01/07/91 02:45 | 0.00                         |
| 01/07/91 03:15 | 0.00                         |
| 01/07/91 03:45 | 0.00                         |
| 01/07/91 04:15 | 0.00                         |
| 01/07/91 04:45 | 0.00                         |
| 01/07/91 05:15 | 0.00                         |
| 01/07/91 05:45 | 0.00                         |
| 01/07/91 06:15 | 0.00                         |
| 01/07/91 06:45 | 0.00                         |
| 01/07/91 08:15 | 0.00                         |
| 01/07/91 08:45 | 0.00                         |
| 01/07/91 09:15 | 0.00                         |
| 01/07/91 09:45 | 0.00                         |
| 01/07/91 10:15 | 0.00                         |
| 01/07/91 10:45 | 0.00                         |
| 01/07/91 11:15 | 0.00                         |
| 01/07/91 11:45 | 0.00                         |
| 01/07/91 12:15 | 0.00                         |
| 01/07/91 12:45 | 0.00                         |
| 01/07/91 13:15 | 0.00                         |
| 01/07/91 13:45 | 0.00                         |
| 01/09/91 17:00 | 0.01                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 01/09/91 17:15 | 0.01                         |
| 01/09/91 17:30 | 0.01                         |
| 01/09/91 17:45 | 0.01                         |
| 01/09/91 18:00 | 0.01                         |
| 01/09/91 18:15 | 0.01                         |
| 01/09/91 18:30 | 0.00                         |
| 01/09/91 19:00 | 0.00                         |
| 01/09/91 19:30 | 0.00                         |
| 01/09/91 20:00 | 0.00                         |
| 01/09/91 20:30 | 0.00                         |
| 01/09/91 21:00 | 0.00                         |
| 01/09/91 21:30 | 0.00                         |
| 01/09/91 22:00 | 0.00                         |
| 01/09/91 22:30 | 0.00                         |
| 01/09/91 23:15 | 0.00                         |
| 01/10/91 00:45 | 0.00                         |
| 01/10/91 01:30 | 0.00                         |
| 01/10/91 02:30 | 0.00                         |
| 01/10/91 03:30 | 0.00                         |
| 01/14/91 18:45 | 0.01                         |
| 01/14/91 19:00 | 0.01                         |
| 01/14/91 19:15 | 0.01                         |
| 01/14/91 19:30 | 0.00                         |
| 01/14/91 20:00 | 0.00                         |
| 01/14/91 20:30 | 0.00                         |
| 01/14/91 21:00 | 0.00                         |
| 01/14/91 21:30 | 0.00                         |
| 01/14/91 22:00 | 0.00                         |
| 01/14/91 22:30 | 0.00                         |
| 01/14/91 23:00 | 0.01                         |
| 01/14/91 23:15 | 0.01                         |
| 01/14/91 23:30 | 0.01                         |
| 01/15/91 02:45 | 0.00                         |
| 01/15/91 03:00 | 0.00                         |
| 01/15/91 03:15 | 0.00                         |
| 01/15/91 03:30 | 0.00                         |
| 01/15/91 03:45 | 0.00                         |
| 01/15/91 04:00 | 0.00                         |
| 01/15/91 04:15 | 0.00                         |
| 01/15/91 05:15 | 0.00                         |
| 01/17/91 19:30 | 0.00                         |
| 01/17/91 19:45 | 0.00                         |
| 01/17/91 20:00 | 0.00                         |
| 01/17/91 20:15 | 0.00                         |
| 01/17/91 20:30 | 0.00                         |
| 01/17/91 20:45 | 0.00                         |
| 01/17/91 21:00 | 0.00                         |
| 01/17/91 21:15 | 0.00                         |
| 01/18/91 00:45 | 0.00                         |
| 01/18/91 01:15 | 0.00                         |
| 01/18/91 01:45 | 0.00                         |
| 01/18/91 02:15 | 0.00                         |
| 01/18/91 02:45 | 0.00                         |
| 01/18/91 05:15 | 0.00                         |
| 01/18/91 05:45 | 0.00                         |
| 01/18/91 06:15 | 0.00                         |
| 01/18/91 07:45 | 0.00                         |
| 01/18/91 08:00 | 0.00                         |
| 01/18/91 08:15 | 0.00                         |
| 01/18/91 08:30 | 0.00                         |
| 01/18/91 08:45 | 0.00                         |
| 01/18/91 15:30 | 0.00                         |
| 01/18/91 17:15 | 0.00                         |
| 01/18/91 18:15 | 0.00                         |
| 01/18/91 19:15 | 0.00                         |
| 01/18/91 20:00 | 0.00                         |
| 01/18/91 20:15 | 0.00                         |
| 01/18/91 20:30 | 0.00                         |
| 01/18/91 20:45 | 0.00                         |
| 01/18/91 21:00 | 0.00                         |
| 01/18/91 21:15 | 0.00                         |
| 01/18/91 21:30 | 0.00                         |
| 01/18/91 21:45 | 0.00                         |
| 01/18/91 22:00 | 0.00                         |
| 01/18/91 22:15 | 0.00                         |
| 01/18/91 22:30 | 0.00                         |
| 01/18/91 22:45 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 01/18/91 23:00 | 0.00                         |
| 01/18/91 23:15 | 0.00                         |
| 01/18/91 23:30 | 0.00                         |
| 01/18/91 23:45 | 0.00                         |
| 01/19/91 00:15 | 0.00                         |
| 01/19/91 00:30 | 0.00                         |
| 01/19/91 00:45 | 0.00                         |
| 01/19/91 01:00 | 0.00                         |
| 01/19/91 01:15 | 0.00                         |
| 01/19/91 01:30 | 0.00                         |
| 01/19/91 01:45 | 0.00                         |
| 01/29/91 11:45 | 0.00                         |
| 01/29/91 12:00 | 0.00                         |
| 01/29/91 12:15 | 0.00                         |
| 01/29/91 12:30 | 0.00                         |
| 01/29/91 12:45 | 0.00                         |
| 01/29/91 13:00 | 0.00                         |
| 01/29/91 13:15 | 0.00                         |
| 01/29/91 13:45 | 0.00                         |
| 01/29/91 14:15 | 0.00                         |
| 02/01/91 00:15 | 0.00                         |
| 02/04/91 11:15 | 0.00                         |
| 02/04/91 11:45 | 0.01                         |
| 02/04/91 12:00 | 0.02                         |
| 02/04/91 12:15 | 0.02                         |
| 02/04/91 12:30 | 0.02                         |
| 02/04/91 12:45 | 0.01                         |
| 02/04/91 13:00 | 0.01                         |
| 02/04/91 13:15 | 0.01                         |
| 02/04/91 13:45 | 0.00                         |
| 02/04/91 14:15 | 0.00                         |
| 02/04/91 14:45 | 0.00                         |
| 02/05/91 01:15 | 0.00                         |
| 02/05/91 01:45 | 0.00                         |
| 02/05/91 02:30 | 0.00                         |
| 02/05/91 03:15 | 0.00                         |
| 02/05/91 04:00 | 0.00                         |
| 02/05/91 04:30 | 0.00                         |
| 02/05/91 05:00 | 0.00                         |
| 02/05/91 05:30 | 0.00                         |
| 02/05/91 06:00 | 0.00                         |
| 02/05/91 06:30 | 0.00                         |
| 02/05/91 07:45 | 0.00                         |
| 02/05/91 08:00 | 0.00                         |
| 02/05/91 08:15 | 0.00                         |
| 02/21/91 22:15 | 0.00                         |
| 02/21/91 22:30 | 0.00                         |
| 02/21/91 22:45 | 0.00                         |
| 02/21/91 23:00 | 0.00                         |
| 02/21/91 23:15 | 0.00                         |
| 02/21/91 23:30 | 0.00                         |
| 02/21/91 23:45 | 0.00                         |
| 02/22/91 00:15 | 0.00                         |
| 02/22/91 00:30 | 0.01                         |
| 02/22/91 00:45 | 0.01                         |
| 02/22/91 01:00 | 0.01                         |
| 02/22/91 01:15 | 0.00                         |
| 02/22/91 01:30 | 0.00                         |
| 02/22/91 01:45 | 0.00                         |
| 02/22/91 02:00 | 0.00                         |
| 02/22/91 02:15 | 0.00                         |
| 02/22/91 02:30 | 0.00                         |
| 02/22/91 02:45 | 0.00                         |
| 02/22/91 03:00 | 0.00                         |
| 02/22/91 03:15 | 0.00                         |
| 02/22/91 03:30 | 0.00                         |
| 02/22/91 03:45 | 0.00                         |
| 02/22/91 04:00 | 0.00                         |
| 02/22/91 04:15 | 0.00                         |
| 02/22/91 04:30 | 0.00                         |
| 02/22/91 04:45 | 0.00                         |
| 02/22/91 05:00 | 0.00                         |
| 02/22/91 05:15 | 0.00                         |
| 02/22/91 05:30 | 0.00                         |
| 03/01/91 00:15 | 0.00                         |
| 03/01/91 03:30 | 0.00                         |
| 03/01/91 04:30 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 03/01/91 04:45 | 0.00                         |
| 03/15/91 09:30 | 0.00                         |
| 03/15/91 09:45 | 0.00                         |
| 03/15/91 10:00 | 0.00                         |
| 03/15/91 10:30 | 0.00                         |
| 03/15/91 10:45 | 0.00                         |
| 03/15/91 11:00 | 0.00                         |
| 03/15/91 11:30 | 0.00                         |
| 03/16/91 15:00 | 0.01                         |
| 03/16/91 15:15 | 0.01                         |
| 03/16/91 15:30 | 0.00                         |
| 03/16/91 15:45 | 0.00                         |
| 03/16/91 16:15 | 0.00                         |
| 03/16/91 16:30 | 0.00                         |
| 03/16/91 17:00 | 0.00                         |
| 03/16/91 17:15 | 0.00                         |
| 03/16/91 19:30 | 0.00                         |
| 03/16/91 19:45 | 0.00                         |
| 03/16/91 20:45 | 0.00                         |
| 03/17/91 01:00 | 0.00                         |
| 03/17/91 01:15 | 0.00                         |
| 03/17/91 01:30 | 0.00                         |
| 03/17/91 01:45 | 0.01                         |
| 03/17/91 02:00 | 0.00                         |
| 03/17/91 02:15 | 0.00                         |
| 03/22/91 02:45 | 0.00                         |
| 03/22/91 04:00 | 0.00                         |
| 03/27/91 02:45 | 0.00                         |
| 03/27/91 03:15 | 0.00                         |
| 03/27/91 03:30 | 0.01                         |
| 03/27/91 03:45 | 0.04                         |
| 03/27/91 04:00 | 0.01                         |
| 03/27/91 04:15 | 0.00                         |
| 03/27/91 04:30 | 0.00                         |
| 03/27/91 04:45 | 0.00                         |
| 03/27/91 06:00 | 0.00                         |
| 04/01/91 00:15 | 0.00                         |
| 04/06/91 08:30 | 0.00                         |
| 04/06/91 09:00 | 0.00                         |
| 04/06/91 09:30 | 0.00                         |
| 04/06/91 10:15 | 0.00                         |
| 04/06/91 11:00 | 0.00                         |
| 04/06/91 11:45 | 0.00                         |
| 04/06/91 12:00 | 0.00                         |
| 04/06/91 12:15 | 0.00                         |
| 04/06/91 12:30 | 0.00                         |
| 04/06/91 12:45 | 0.00                         |
| 04/06/91 13:00 | 0.00                         |
| 04/11/91 22:30 | 0.00                         |
| 04/11/91 22:45 | 0.01                         |
| 04/11/91 23:00 | 0.03                         |
| 04/11/91 23:15 | 0.04                         |
| 04/11/91 23:30 | 0.02                         |
| 04/11/91 23:45 | 0.02                         |
| 04/12/91 00:15 | 0.00                         |
| 04/13/91 08:45 | 0.00                         |
| 04/13/91 09:15 | 0.00                         |
| 04/13/91 09:30 | 0.00                         |
| 04/13/91 09:45 | 0.00                         |
| 04/13/91 10:00 | 0.00                         |
| 04/13/91 10:15 | 0.00                         |
| 04/13/91 10:45 | 0.00                         |
| 04/13/91 11:00 | 0.00                         |
| 04/13/91 11:15 | 0.00                         |
| 04/13/91 11:30 | 0.00                         |
| 04/13/91 11:45 | 0.01                         |
| 04/13/91 12:00 | 0.01                         |
| 04/13/91 12:15 | 0.01                         |
| 04/13/91 12:30 | 0.01                         |
| 04/13/91 12:45 | 0.00                         |
| 04/13/91 13:00 | 0.00                         |
| 04/17/91 18:00 | 0.04                         |
| 04/17/91 18:15 | 0.05                         |
| 04/17/91 18:30 | 0.01                         |
| 04/17/91 18:45 | 0.00                         |
| 04/22/91 13:30 | 0.00                         |
| 04/22/91 13:45 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 04/22/91 14:00 | 0.00                         |
| 04/24/91 19:30 | 0.00                         |
| 04/24/91 19:45 | 0.00                         |
| 04/24/91 20:00 | 0.00                         |
| 04/24/91 20:15 | 0.02                         |
| 04/24/91 20:30 | 0.01                         |
| 04/24/91 20:45 | 0.01                         |
| 04/24/91 21:00 | 0.01                         |
| 04/24/91 21:15 | 0.00                         |
| 04/27/91 02:45 | 0.00                         |
| 04/27/91 03:15 | 0.01                         |
| 04/28/91 12:30 | 0.00                         |
| 04/28/91 12:45 | 0.00                         |
| 04/28/91 13:00 | 0.00                         |
| 04/28/91 13:15 | 0.01                         |
| 04/28/91 13:30 | 0.01                         |
| 04/28/91 13:45 | 0.02                         |
| 04/28/91 14:00 | 0.00                         |
| 04/28/91 14:15 | 0.00                         |
| 04/28/91 14:30 | 0.00                         |
| 04/28/91 14:45 | 0.00                         |
| 04/28/91 15:45 | 0.00                         |
| 04/28/91 16:00 | 0.00                         |
| 04/28/91 16:15 | 0.00                         |
| 05/01/91 00:15 | 0.00                         |
| 05/03/91 17:45 | 0.01                         |
| 05/03/91 18:00 | 0.02                         |
| 05/03/91 18:15 | 0.01                         |
| 05/03/91 18:30 | 0.00                         |
| 05/03/91 18:45 | 0.00                         |
| 05/03/91 20:00 | 0.00                         |
| 05/04/91 01:15 | 0.00                         |
| 05/04/91 01:30 | 0.03                         |
| 05/04/91 01:45 | 0.03                         |
| 05/04/91 02:00 | 0.02                         |
| 05/04/91 02:15 | 0.01                         |
| 05/04/91 02:30 | 0.00                         |
| 05/04/91 02:45 | 0.00                         |
| 05/04/91 03:45 | 0.00                         |
| 05/05/91 16:45 | 0.00                         |
| 05/05/91 17:00 | 0.01                         |
| 05/05/91 17:15 | 0.04                         |
| 05/05/91 17:30 | 0.03                         |
| 05/05/91 17:45 | 0.01                         |
| 05/05/91 18:00 | 0.00                         |
| 05/05/91 18:30 | 0.00                         |
| 05/05/91 19:00 | 0.00                         |
| 05/07/91 22:00 | 0.00                         |
| 05/07/91 22:15 | 0.00                         |
| 05/07/91 22:30 | 0.01                         |
| 05/07/91 22:45 | 0.01                         |
| 05/07/91 23:15 | 0.00                         |
| 05/07/91 23:30 | 0.00                         |
| 05/07/91 23:45 | 0.00                         |
| 05/08/91 02:45 | 0.00                         |
| 05/08/91 03:15 | 0.00                         |
| 05/08/91 03:30 | 0.02                         |
| 05/08/91 03:45 | 0.01                         |
| 05/08/91 04:00 | 0.01                         |
| 05/08/91 04:15 | 0.00                         |
| 05/08/91 04:30 | 0.00                         |
| 05/08/91 04:45 | 0.00                         |
| 05/08/91 05:00 | 0.00                         |
| 05/08/91 05:15 | 0.00                         |
| 05/08/91 05:30 | 0.00                         |
| 05/08/91 05:45 | 0.00                         |
| 05/08/91 06:00 | 0.00                         |
| 05/08/91 06:15 | 0.00                         |
| 05/08/91 06:30 | 0.00                         |
| 05/08/91 07:00 | 0.00                         |
| 05/14/91 03:00 | 0.01                         |
| 05/14/91 03:15 | 0.01                         |
| 05/14/91 03:30 | 0.01                         |
| 05/14/91 03:45 | 0.00                         |
| 05/14/91 04:15 | 0.00                         |
| 05/14/91 15:00 | 0.00                         |
| 05/14/91 15:30 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 05/14/91 17:15 | 0.00                         |
| 05/14/91 17:30 | 0.01                         |
| 05/14/91 17:45 | 0.00                         |
| 05/14/91 18:00 | 0.00                         |
| 05/14/91 18:45 | 0.00                         |
| 05/14/91 19:00 | 0.00                         |
| 05/14/91 19:15 | 0.00                         |
| 05/14/91 19:30 | 0.00                         |
| 05/14/91 20:15 | 0.00                         |
| 05/21/91 15:00 | 0.00                         |
| 05/21/91 15:15 | 0.02                         |
| 05/21/91 15:30 | 0.00                         |
| 05/21/91 15:45 | 0.00                         |
| 05/21/91 16:15 | 0.00                         |
| 05/21/91 16:45 | 0.00                         |
| 05/22/91 03:45 | 0.00                         |
| 05/22/91 04:15 | 0.00                         |
| 05/22/91 05:00 | 0.00                         |
| 05/24/91 17:00 | 0.00                         |
| 05/24/91 17:30 | 0.00                         |
| 05/24/91 17:45 | 0.00                         |
| 05/24/91 18:45 | 0.00                         |
| 05/24/91 19:15 | 0.01                         |
| 05/24/91 19:30 | 0.00                         |
| 05/24/91 19:45 | 0.00                         |
| 05/24/91 20:00 | 0.00                         |
| 05/24/91 20:15 | 0.00                         |
| 05/24/91 20:30 | 0.00                         |
| 05/24/91 20:45 | 0.00                         |
| 05/24/91 21:00 | 0.00                         |
| 05/24/91 21:15 | 0.00                         |
| 05/24/91 21:30 | 0.00                         |
| 05/24/91 21:45 | 0.00                         |
| 05/24/91 22:00 | 0.00                         |
| 05/24/91 22:15 | 0.00                         |
| 05/24/91 22:30 | 0.00                         |
| 05/25/91 04:45 | 0.00                         |
| 05/25/91 05:15 | 0.00                         |
| 05/25/91 05:45 | 0.00                         |
| 05/25/91 06:00 | 0.00                         |
| 05/25/91 06:15 | 0.00                         |
| 05/25/91 06:30 | 0.00                         |
| 06/01/91 00:15 | 0.00                         |
| 06/02/91 19:30 | 0.01                         |
| 06/02/91 19:45 | 0.02                         |
| 06/02/91 20:00 | 0.00                         |
| 06/02/91 20:15 | 0.00                         |
| 06/02/91 20:30 | 0.01                         |
| 06/02/91 20:45 | 0.00                         |
| 06/02/91 22:00 | 0.00                         |
| 06/02/91 22:15 | 0.00                         |
| 06/02/91 22:30 | 0.00                         |
| 06/02/91 22:45 | 0.00                         |
| 06/02/91 23:00 | 0.00                         |
| 06/02/91 23:15 | 0.00                         |
| 06/02/91 23:30 | 0.00                         |
| 06/02/91 23:45 | 0.01                         |
| 06/03/91 01:15 | 0.00                         |
| 06/03/91 01:45 | 0.00                         |
| 06/03/91 03:45 | 0.00                         |
| 06/03/91 04:00 | 0.00                         |
| 06/03/91 04:15 | 0.00                         |
| 06/03/91 04:30 | 0.00                         |
| 06/03/91 04:45 | 0.00                         |
| 06/03/91 05:00 | 0.00                         |
| 06/03/91 05:15 | 0.01                         |
| 06/03/91 05:30 | 0.00                         |
| 06/03/91 05:45 | 0.00                         |
| 06/03/91 11:30 | 0.00                         |
| 06/05/91 18:00 | 0.00                         |
| 06/05/91 18:45 | 0.00                         |
| 06/09/91 13:15 | 0.02                         |
| 06/09/91 13:30 | 0.01                         |
| 06/09/91 13:45 | 0.00                         |
| 06/10/91 21:30 | 0.00                         |
| 06/10/91 21:45 | 0.00                         |
| 06/10/91 22:00 | 0.01                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 06/16/91 08:30 | 0.00                         |
| 06/16/91 08:45 | 0.00                         |
| 06/16/91 09:00 | 0.00                         |
| 06/16/91 09:30 | 0.00                         |
| 06/16/91 09:45 | 0.00                         |
| 06/20/91 00:15 | 0.01                         |
| 06/20/91 00:30 | 0.01                         |
| 06/20/91 01:00 | 0.00                         |
| 06/21/91 19:15 | 0.01                         |
| 06/21/91 19:30 | 0.00                         |
| 06/21/91 20:00 | 0.00                         |
| 06/22/91 23:00 | 0.00                         |
| 06/22/91 23:15 | 0.08                         |
| 06/22/91 23:30 | 0.12                         |
| 06/22/91 23:45 | 0.07                         |
| 06/23/91 00:15 | 0.01                         |
| 06/23/91 00:30 | 0.00                         |
| 06/23/91 01:45 | 0.00                         |
| 06/23/91 02:00 | 0.01                         |
| 06/23/91 02:15 | 0.00                         |
| 06/23/91 03:00 | 0.00                         |
| 06/29/91 08:00 | 0.00                         |
| 06/30/91 07:00 | 0.02                         |
| 07/01/91 00:15 | 0.00                         |
| 07/27/91 16:00 | 0.00                         |
| 07/27/91 16:15 | 0.00                         |
| 07/27/91 16:30 | 0.00                         |
| 07/27/91 16:45 | 0.04                         |
| 07/27/91 17:00 | 0.02                         |
| 07/27/91 17:15 | 0.00                         |
| 07/27/91 17:30 | 0.00                         |
| 07/27/91 17:45 | 0.00                         |
| 07/27/91 18:00 | 0.00                         |
| 07/28/91 02:30 | 0.00                         |
| 07/28/91 02:45 | 0.02                         |
| 07/28/91 03:00 | 0.00                         |
| 07/28/91 03:15 | 0.00                         |
| 07/28/91 03:30 | 0.00                         |
| 07/28/91 03:45 | 0.00                         |
| 07/28/91 04:00 | 0.00                         |
| 07/28/91 04:30 | 0.00                         |
| 07/28/91 06:15 | 0.00                         |
| 07/28/91 07:00 | 0.00                         |
| 07/28/91 07:15 | 0.00                         |
| 07/28/91 07:45 | 0.00                         |
| 07/28/91 08:00 | 0.00                         |
| 07/28/91 08:15 | 0.00                         |
| 07/28/91 08:30 | 0.00                         |
| 07/28/91 08:45 | 0.00                         |
| 08/01/91 00:15 | 0.00                         |
| 08/12/91 08:15 | 0.00                         |
| 08/12/91 08:30 | 0.01                         |
| 08/12/91 08:45 | 0.01                         |
| 08/12/91 09:00 | 0.01                         |
| 08/12/91 09:15 | 0.01                         |
| 08/12/91 09:30 | 0.01                         |
| 08/12/91 09:45 | 0.00                         |
| 08/12/91 10:00 | 0.00                         |
| 08/12/91 10:30 | 0.00                         |
| 08/12/91 10:45 | 0.00                         |
| 08/12/91 11:00 | 0.00                         |
| 08/12/91 11:15 | 0.00                         |
| 08/12/91 11:30 | 0.00                         |
| 08/12/91 11:45 | 0.00                         |
| 08/12/91 12:00 | 0.00                         |
| 08/12/91 12:30 | 0.00                         |
| 08/12/91 13:00 | 0.00                         |
| 08/12/91 13:15 | 0.00                         |
| 08/12/91 13:30 | 0.00                         |
| 08/12/91 13:45 | 0.00                         |
| 08/13/91 08:45 | 0.01                         |
| 08/13/91 09:00 | 0.00                         |
| 08/13/91 10:15 | 0.01                         |
| 08/13/91 10:45 | 0.00                         |
| 08/13/91 11:00 | 0.00                         |
| 08/13/91 11:15 | 0.01                         |
| 08/13/91 13:15 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 08/13/91 13:45 | 0.00                         |
| 08/13/91 14:15 | 0.00                         |
| 08/13/91 14:45 | 0.00                         |
| 08/13/91 15:15 | 0.00                         |
| 08/13/91 15:45 | 0.00                         |
| 08/13/91 21:15 | 0.00                         |
| 08/13/91 21:45 | 0.00                         |
| 08/13/91 22:15 | 0.00                         |
| 08/14/91 00:15 | 0.00                         |
| 08/14/91 02:45 | 0.00                         |
| 08/14/91 05:15 | 0.00                         |
| 08/14/91 07:45 | 0.00                         |
| 08/21/91 08:30 | 0.00                         |
| 08/21/91 08:45 | 0.00                         |
| 08/21/91 09:00 | 0.00                         |
| 08/21/91 09:15 | 0.00                         |
| 08/21/91 10:00 | 0.00                         |
| 08/21/91 10:45 | 0.00                         |
| 08/26/91 11:15 | 0.00                         |
| 08/26/91 11:30 | 0.00                         |
| 08/30/91 02:45 | 0.04                         |
| 08/30/91 03:00 | 0.04                         |
| 08/30/91 03:15 | 0.02                         |
| 08/30/91 03:30 | 0.00                         |
| 08/30/91 03:45 | 0.00                         |
| 08/30/91 04:00 | 0.00                         |
| 08/30/91 04:15 | 0.00                         |
| 08/30/91 04:30 | 0.00                         |
| 08/30/91 04:45 | 0.00                         |
| 08/30/91 05:00 | 0.00                         |
| 08/30/91 05:30 | 0.00                         |
| 08/30/91 06:00 | 0.00                         |
| 08/31/91 14:30 | 0.00                         |
| 08/31/91 15:00 | 0.01                         |
| 08/31/91 15:15 | 0.00                         |
| 08/31/91 17:15 | 0.00                         |
| 08/31/91 17:30 | 0.01                         |
| 08/31/91 17:45 | 0.00                         |
| 09/01/91 00:15 | 0.01                         |
| 09/01/91 00:30 | 0.00                         |
| 09/01/91 01:45 | 0.00                         |
| 09/01/91 02:00 | 0.00                         |
| 09/01/91 12:45 | 0.00                         |
| 09/01/91 13:00 | 0.00                         |
| 09/01/91 15:30 | 0.01                         |
| 09/01/91 15:45 | 0.02                         |
| 09/01/91 16:15 | 0.00                         |
| 09/02/91 12:15 | 0.00                         |
| 09/02/91 13:00 | 0.00                         |
| 09/02/91 13:15 | 0.02                         |
| 09/02/91 13:30 | 0.01                         |
| 09/02/91 13:45 | 0.00                         |
| 09/03/91 17:30 | 0.00                         |
| 09/07/91 15:15 | 0.01                         |
| 09/07/91 15:30 | 0.01                         |
| 09/07/91 15:45 | 0.03                         |
| 09/07/91 16:00 | 0.01                         |
| 09/07/91 16:15 | 0.01                         |
| 09/07/91 16:30 | 0.01                         |
| 09/07/91 16:45 | 0.00                         |
| 09/07/91 17:00 | 0.00                         |
| 09/07/91 17:15 | 0.00                         |
| 09/07/91 17:30 | 0.00                         |
| 09/07/91 17:45 | 0.00                         |
| 09/07/91 18:00 | 0.00                         |
| 09/07/91 18:45 | 0.00                         |
| 09/14/91 16:15 | 0.00                         |
| 09/14/91 16:45 | 0.01                         |
| 09/14/91 17:00 | 0.02                         |
| 09/14/91 17:15 | 0.00                         |
| 09/14/91 17:30 | 0.00                         |
| 09/14/91 23:00 | 0.00                         |
| 09/17/91 17:45 | 0.00                         |
| 09/17/91 18:30 | 0.00                         |
| 09/18/91 14:30 | 0.00                         |
| 09/18/91 15:00 | 0.00                         |
| 09/18/91 15:15 | 0.00                         |



| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 09/18/91 15:30 | 0.00                         |
| 09/18/91 15:45 | 0.00                         |
| 09/18/91 16:00 | 0.00                         |
| 09/18/91 16:15 | 0.00                         |
| 09/18/91 16:45 | 0.00                         |
| 09/19/91 02:15 | 0.00                         |
| 09/19/91 02:45 | 0.00                         |
| 09/19/91 03:15 | 0.00                         |
| 09/19/91 04:15 | 0.00                         |
| 09/19/91 04:30 | 0.00                         |
| 09/19/91 05:45 | 0.00                         |
| 09/19/91 07:00 | 0.00                         |
| 09/19/91 07:15 | 0.00                         |
| 09/19/91 07:30 | 0.00                         |
| 09/19/91 07:45 | 0.00                         |
| 09/19/91 08:00 | 0.00                         |
| 09/19/91 08:30 | 0.00                         |
| 09/24/91 12:00 | 0.04                         |
| 09/24/91 12:15 | 0.02                         |
| 09/24/91 12:30 | 0.00                         |
| 09/24/91 13:00 | 0.00                         |
| 09/24/91 14:45 | 0.00                         |
| 10/01/91 00:15 | 0.00                         |
| 10/25/91 09:00 | 0.01                         |
| 10/25/91 09:15 | 0.00                         |
| 10/25/91 09:30 | 0.00                         |
| 10/25/91 09:45 | 0.00                         |
| 10/25/91 10:30 | 0.00                         |
| 10/26/91 02:00 | 0.02                         |
| 10/26/91 02:15 | 0.06                         |
| 10/26/91 02:30 | 0.01                         |
| 10/26/91 02:45 | 0.01                         |
| 10/26/91 03:00 | 0.02                         |
| 10/26/91 03:15 | 0.01                         |
| 10/26/91 03:30 | 0.01                         |
| 10/26/91 03:45 | 0.00                         |
| 10/26/91 04:00 | 0.00                         |
| 10/26/91 04:15 | 0.00                         |
| 10/26/91 04:30 | 0.00                         |
| 10/26/91 04:45 | 0.00                         |
| 10/26/91 05:00 | 0.00                         |
| 10/26/91 05:15 | 0.00                         |
| 10/26/91 05:30 | 0.00                         |
| 10/26/91 05:45 | 0.00                         |
| 10/26/91 06:00 | 0.00                         |
| 10/26/91 06:15 | 0.00                         |
| 10/26/91 06:45 | 0.00                         |
| 10/26/91 07:00 | 0.00                         |
| 10/26/91 07:15 | 0.00                         |
| 10/26/91 07:45 | 0.01                         |
| 10/26/91 08:00 | 0.02                         |
| 10/26/91 08:15 | 0.02                         |
| 10/26/91 08:30 | 0.02                         |
| 10/26/91 08:45 | 0.01                         |
| 10/26/91 09:00 | 0.01                         |
| 10/26/91 09:15 | 0.01                         |
| 10/26/91 09:30 | 0.00                         |
| 10/26/91 09:45 | 0.00                         |
| 10/26/91 10:00 | 0.00                         |
| 10/26/91 10:15 | 0.00                         |
| 10/26/91 10:30 | 0.00                         |
| 10/26/91 10:45 | 0.00                         |
| 10/26/91 11:00 | 0.00                         |
| 10/26/91 11:30 | 0.00                         |
| 10/26/91 12:00 | 0.00                         |
| 10/26/91 12:30 | 0.00                         |
| 10/26/91 12:45 | 0.00                         |
| 10/26/91 13:00 | 0.00                         |
| 10/26/91 13:15 | 0.00                         |
| 10/26/91 13:30 | 0.00                         |
| 10/26/91 13:45 | 0.00                         |
| 10/26/91 14:00 | 0.00                         |
| 10/26/91 14:45 | 0.00                         |
| 10/26/91 15:30 | 0.00                         |
| 10/27/91 01:45 | 0.00                         |
| 10/27/91 02:00 | 0.00                         |
| 10/27/91 02:15 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 10/27/91 02:30 | 0.00                         |
| 10/27/91 02:45 | 0.00                         |
| 10/27/91 03:00 | 0.00                         |
| 10/27/91 03:15 | 0.00                         |
| 10/27/91 03:30 | 0.00                         |
| 10/27/91 03:45 | 0.00                         |
| 10/27/91 04:00 | 0.00                         |
| 10/27/91 04:15 | 0.00                         |
| 10/27/91 04:30 | 0.00                         |
| 10/27/91 04:45 | 0.01                         |
| 10/27/91 05:00 | 0.01                         |
| 10/27/91 05:15 | 0.01                         |
| 10/27/91 05:30 | 0.01                         |
| 10/27/91 05:45 | 0.01                         |
| 10/27/91 06:00 | 0.00                         |
| 10/27/91 06:15 | 0.00                         |
| 10/27/91 06:30 | 0.01                         |
| 10/27/91 06:45 | 0.01                         |
| 10/27/91 07:15 | 0.00                         |
| 10/27/91 07:30 | 0.00                         |
| 10/27/91 07:45 | 0.00                         |
| 10/27/91 08:00 | 0.00                         |
| 10/27/91 08:15 | 0.00                         |
| 10/27/91 08:30 | 0.00                         |
| 10/27/91 08:45 | 0.00                         |
| 10/27/91 09:00 | 0.00                         |
| 10/27/91 09:15 | 0.00                         |
| 10/27/91 09:30 | 0.00                         |
| 10/27/91 09:45 | 0.00                         |
| 10/27/91 10:00 | 0.00                         |
| 10/27/91 10:15 | 0.00                         |
| 10/27/91 10:30 | 0.00                         |
| 10/27/91 10:45 | 0.00                         |
| 10/27/91 11:00 | 0.00                         |
| 10/27/91 11:15 | 0.00                         |
| 10/27/91 11:30 | 0.00                         |
| 10/27/91 11:45 | 0.00                         |
| 10/27/91 12:00 | 0.00                         |
| 10/27/91 12:15 | 0.00                         |
| 10/27/91 12:30 | 0.00                         |
| 10/27/91 13:00 | 0.00                         |
| 10/27/91 13:30 | 0.00                         |
| 10/27/91 14:00 | 0.00                         |
| 10/27/91 16:00 | 0.00                         |
| 10/27/91 16:45 | 0.00                         |
| 10/27/91 17:00 | 0.00                         |
| 10/28/91 07:15 | 0.00                         |
| 10/28/91 07:30 | 0.02                         |
| 10/28/91 07:45 | 0.02                         |
| 10/28/91 08:00 | 0.02                         |
| 10/28/91 08:15 | 0.01                         |
| 10/28/91 08:30 | 0.00                         |
| 10/28/91 08:45 | 0.01                         |
| 10/28/91 09:00 | 0.01                         |
| 10/28/91 09:15 | 0.00                         |
| 10/28/91 09:30 | 0.00                         |
| 10/28/91 09:45 | 0.00                         |
| 10/28/91 10:00 | 0.00                         |
| 10/28/91 10:15 | 0.00                         |
| 10/28/91 10:30 | 0.00                         |
| 10/28/91 10:45 | 0.00                         |
| 10/28/91 11:00 | 0.00                         |
| 10/28/91 11:15 | 0.00                         |
| 10/28/91 11:30 | 0.00                         |
| 10/28/91 11:45 | 0.00                         |
| 10/28/91 12:00 | 0.00                         |
| 10/28/91 12:15 | 0.00                         |
| 10/28/91 13:00 | 0.00                         |
| 10/28/91 14:45 | 0.01                         |
| 10/28/91 15:00 | 0.00                         |
| 10/28/91 15:15 | 0.01                         |
| 10/28/91 15:30 | 0.00                         |
| 10/28/91 15:45 | 0.01                         |
| 10/28/91 16:15 | 0.00                         |
| 10/28/91 16:30 | 0.01                         |
| 10/28/91 16:45 | 0.01                         |
| 10/28/91 17:00 | 0.01                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 10/28/91 17:15 | 0.00                         |
| 10/28/91 17:30 | 0.00                         |
| 10/28/91 18:15 | 0.00                         |
| 10/28/91 18:30 | 0.01                         |
| 10/28/91 18:45 | 0.01                         |
| 10/28/91 19:00 | 0.01                         |
| 10/28/91 19:15 | 0.00                         |
| 10/28/91 20:00 | 0.00                         |
| 10/28/91 21:00 | 0.00                         |
| 10/28/91 21:30 | 0.00                         |
| 10/28/91 21:45 | 0.00                         |
| 10/28/91 22:00 | 0.00                         |
| 10/28/91 22:15 | 0.00                         |
| 10/28/91 23:00 | 0.00                         |
| 10/29/91 07:30 | 0.00                         |
| 10/29/91 08:00 | 0.00                         |
| 10/29/91 08:15 | 0.00                         |
| 10/29/91 08:30 | 0.01                         |
| 10/29/91 08:45 | 0.00                         |
| 10/29/91 09:00 | 0.01                         |
| 10/29/91 09:15 | 0.01                         |
| 10/29/91 09:30 | 0.01                         |
| 10/29/91 09:45 | 0.01                         |
| 10/29/91 10:00 | 0.00                         |
| 10/29/91 10:15 | 0.00                         |
| 10/29/91 10:30 | 0.00                         |
| 10/29/91 10:45 | 0.00                         |
| 10/29/91 11:00 | 0.00                         |
| 10/29/91 11:15 | 0.00                         |
| 10/29/91 11:30 | 0.00                         |
| 10/29/91 11:45 | 0.00                         |
| 10/29/91 12:00 | 0.00                         |
| 10/29/91 12:15 | 0.00                         |
| 10/29/91 12:30 | 0.00                         |
| 10/29/91 12:45 | 0.00                         |
| 10/29/91 13:00 | 0.00                         |
| 10/29/91 13:15 | 0.00                         |
| 10/29/91 13:30 | 0.00                         |
| 10/29/91 13:45 | 0.00                         |
| 10/29/91 14:00 | 0.00                         |
| 10/29/91 14:15 | 0.00                         |
| 10/29/91 14:30 | 0.00                         |
| 10/29/91 14:45 | 0.00                         |
| 10/29/91 19:00 | 0.00                         |
| 10/29/91 21:15 | 0.00                         |
| 10/29/91 21:45 | 0.00                         |
| 10/30/91 09:00 | 0.00                         |
| 10/30/91 15:00 | 0.01                         |
| 10/30/91 21:00 | 0.00                         |
| 10/30/91 22:45 | 0.00                         |
| 10/31/91 01:30 | 0.00                         |
| 10/31/91 03:15 | 0.00                         |
| 10/31/91 03:30 | 0.01                         |
| 10/31/91 04:00 | 0.00                         |
| 10/31/91 04:30 | 0.00                         |
| 10/31/91 05:00 | 0.00                         |
| 10/31/91 05:15 | 0.01                         |
| 10/31/91 05:30 | 0.01                         |
| 10/31/91 05:45 | 0.01                         |
| 10/31/91 06:00 | 0.00                         |
| 10/31/91 06:15 | 0.00                         |
| 10/31/91 06:30 | 0.00                         |
| 10/31/91 07:30 | 0.00                         |
| 10/31/91 08:15 | 0.00                         |
| 10/31/91 09:15 | 0.00                         |
| 10/31/91 09:45 | 0.00                         |
| 10/31/91 10:15 | 0.00                         |
| 10/31/91 10:45 | 0.00                         |
| 10/31/91 11:15 | 0.00                         |
| 10/31/91 11:30 | 0.00                         |
| 10/31/91 11:45 | 0.00                         |
| 10/31/91 12:00 | 0.00                         |
| 10/31/91 12:15 | 0.00                         |
| 10/31/91 12:30 | 0.00                         |
| 10/31/91 12:45 | 0.00                         |
| 10/31/91 13:00 | 0.00                         |
| 10/31/91 13:15 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 10/31/91 14:00 | 0.00                         |
| 10/31/91 14:30 | 0.00                         |
| 10/31/91 14:45 | 0.00                         |
| 11/01/91 00:15 | 0.00                         |
| 11/16/91 14:15 | 0.00                         |
| 11/16/91 14:30 | 0.01                         |
| 11/16/91 14:45 | 0.00                         |
| 11/16/91 15:00 | 0.00                         |
| 11/16/91 15:15 | 0.00                         |
| 11/16/91 16:00 | 0.00                         |
| 11/16/91 16:45 | 0.00                         |
| 11/16/91 19:15 | 0.00                         |
| 11/16/91 19:30 | 0.01                         |
| 11/16/91 20:00 | 0.00                         |
| 11/16/91 20:30 | 0.00                         |
| 11/16/91 21:00 | 0.00                         |
| 11/17/91 01:00 | 0.00                         |
| 11/17/91 01:15 | 0.00                         |
| 11/17/91 01:30 | 0.00                         |
| 11/17/91 03:45 | 0.00                         |
| 11/17/91 04:15 | 0.01                         |
| 11/17/91 04:30 | 0.01                         |
| 11/17/91 04:45 | 0.00                         |
| 11/17/91 05:00 | 0.00                         |
| 11/18/91 08:30 | 0.00                         |
| 11/18/91 09:00 | 0.00                         |
| 11/18/91 09:45 | 0.00                         |
| 11/19/91 07:15 | 0.01                         |
| 11/19/91 07:30 | 0.00                         |
| 11/19/91 07:45 | 0.00                         |
| 11/19/91 08:00 | 0.01                         |
| 11/19/91 08:15 | 0.01                         |
| 11/19/91 09:00 | 0.00                         |
| 11/19/91 10:15 | 0.00                         |
| 11/19/91 11:00 | 0.01                         |
| 11/19/91 11:15 | 0.00                         |
| 11/19/91 11:45 | 0.00                         |
| 11/19/91 12:15 | 0.00                         |
| 11/19/91 12:30 | 0.01                         |
| 11/19/91 13:00 | 0.00                         |
| 11/19/91 13:30 | 0.00                         |
| 11/19/91 13:45 | 0.00                         |
| 11/29/91 17:00 | 0.00                         |
| 11/29/91 17:15 | 0.00                         |
| 11/29/91 18:00 | 0.00                         |
| 11/30/91 20:00 | 0.00                         |
| 12/01/91 00:15 | 0.00                         |
| 12/01/91 07:00 | 0.00                         |
| 12/01/91 07:30 | 0.00                         |
| 12/01/91 08:00 | 0.00                         |
| 12/01/91 08:15 | 0.00                         |
| 12/01/91 08:30 | 0.00                         |
| 12/01/91 08:45 | 0.00                         |
| 12/01/91 09:15 | 0.00                         |
| 12/01/91 11:45 | 0.00                         |
| 12/01/91 14:45 | 0.00                         |
| 12/02/91 02:15 | 0.01                         |
| 12/02/91 02:30 | 0.01                         |
| 12/02/91 02:45 | 0.01                         |
| 12/02/91 03:00 | 0.01                         |
| 12/02/91 03:15 | 0.01                         |
| 12/02/91 04:00 | 0.00                         |
| 12/02/91 04:15 | 0.00                         |
| 12/02/91 04:45 | 0.00                         |
| 12/02/91 05:00 | 0.00                         |
| 12/02/91 05:15 | 0.01                         |
| 12/02/91 05:30 | 0.01                         |
| 12/02/91 05:45 | 0.00                         |
| 12/02/91 06:00 | 0.00                         |
| 12/02/91 06:15 | 0.00                         |
| 12/02/91 06:30 | 0.00                         |
| 12/02/91 06:45 | 0.00                         |
| 12/02/91 07:00 | 0.00                         |
| 12/02/91 07:15 | 0.00                         |
| 12/02/91 07:30 | 0.00                         |
| 12/02/91 08:00 | 0.00                         |
| 12/02/91 10:00 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 12/02/91 10:30 | 0.00                         |
| 12/02/91 11:00 | 0.00                         |
| 12/02/91 11:15 | 0.00                         |
| 12/02/91 11:30 | 0.00                         |
| 12/02/91 11:45 | 0.00                         |
| 12/02/91 12:00 | 0.00                         |
| 12/09/91 14:30 | 0.00                         |
| 12/09/91 14:45 | 0.00                         |
| 12/09/91 15:00 | 0.00                         |
| 12/09/91 15:15 | 0.02                         |
| 12/09/91 15:30 | 0.03                         |
| 12/09/91 15:45 | 0.03                         |
| 12/09/91 16:00 | 0.01                         |
| 12/09/91 16:15 | 0.01                         |
| 12/09/91 16:30 | 0.01                         |
| 12/09/91 16:45 | 0.00                         |
| 12/09/91 17:00 | 0.00                         |
| 12/09/91 17:15 | 0.00                         |
| 12/09/91 17:30 | 0.00                         |
| 12/09/91 17:45 | 0.00                         |
| 12/09/91 18:00 | 0.00                         |
| 12/09/91 18:15 | 0.00                         |
| 12/09/91 18:30 | 0.00                         |
| 12/09/91 18:45 | 0.00                         |
| 12/09/91 19:00 | 0.00                         |
| 12/09/91 19:15 | 0.00                         |
| 12/09/91 19:45 | 0.00                         |
| 12/09/91 20:15 | 0.00                         |
| 12/09/91 23:00 | 0.00                         |
| 12/09/91 23:30 | 0.00                         |
| 12/09/91 23:45 | 0.00                         |
| 12/11/91 08:30 | 0.00                         |
| 12/11/91 08:45 | 0.01                         |
| 12/11/91 09:00 | 0.01                         |
| 12/11/91 09:15 | 0.00                         |
| 12/11/91 09:30 | 0.00                         |
| 12/11/91 09:45 | 0.00                         |
| 12/11/91 10:00 | 0.00                         |
| 12/11/91 10:15 | 0.00                         |
| 12/11/91 10:30 | 0.00                         |
| 12/11/91 10:45 | 0.00                         |
| 12/11/91 11:00 | 0.00                         |
| 12/11/91 11:15 | 0.00                         |
| 12/11/91 11:45 | 0.00                         |
| 12/11/91 12:15 | 0.00                         |
| 12/11/91 13:15 | 0.00                         |
| 12/11/91 13:30 | 0.00                         |
| 12/11/91 14:00 | 0.00                         |
| 12/11/91 14:15 | 0.00                         |
| 12/11/91 14:30 | 0.00                         |
| 12/11/91 15:00 | 0.00                         |
| 12/11/91 15:30 | 0.00                         |
| 12/18/91 16:15 | 0.00                         |
| 12/18/91 16:30 | 0.00                         |
| 12/18/91 17:30 | 0.00                         |
| 12/18/91 18:00 | 0.00                         |
| 12/18/91 18:30 | 0.00                         |
| 12/18/91 19:00 | 0.00                         |
| 12/18/91 19:45 | 0.00                         |
| 12/18/91 20:30 | 0.00                         |
| 12/18/91 21:00 | 0.00                         |
| 12/18/91 21:45 | 0.00                         |
| 12/18/91 23:45 | 0.00                         |
| 12/19/91 00:15 | 0.00                         |
| 12/19/91 00:30 | 0.00                         |
| 12/19/91 00:45 | 0.00                         |
| 12/19/91 01:00 | 0.00                         |
| 12/19/91 01:15 | 0.00                         |
| 12/19/91 01:30 | 0.00                         |
| 12/19/91 01:45 | 0.00                         |
| 12/19/91 02:00 | 0.01                         |
| 12/19/91 02:15 | 0.01                         |
| 12/19/91 02:30 | 0.01                         |
| 12/19/91 02:45 | 0.00                         |
| 12/19/91 03:15 | 0.00                         |
| 12/19/91 03:30 | 0.00                         |
| 12/19/91 03:45 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 12/19/91 04:00 | 0.00                         |
| 12/19/91 04:30 | 0.00                         |
| 12/19/91 05:15 | 0.00                         |
| 12/19/91 05:30 | 0.00                         |
| 12/19/91 05:45 | 0.00                         |
| 12/19/91 06:30 | 0.00                         |
| 12/19/91 06:45 | 0.00                         |
| 12/19/91 07:00 | 0.00                         |
| 12/19/91 09:15 | 0.00                         |
| 12/19/91 09:30 | 0.00                         |
| 12/19/91 09:45 | 0.00                         |
| 12/19/91 10:30 | 0.00                         |
| 12/19/91 10:45 | 0.00                         |
| 12/19/91 11:00 | 0.00                         |
| 12/19/91 11:15 | 0.00                         |
| 12/19/91 11:30 | 0.00                         |
| 12/19/91 11:45 | 0.00                         |
| 12/19/91 12:00 | 0.00                         |
| 12/19/91 12:30 | 0.00                         |
| 12/19/91 16:00 | 0.00                         |
| 12/19/91 16:15 | 0.00                         |
| 12/19/91 16:45 | 0.00                         |
| 12/19/91 17:15 | 0.00                         |
| 12/19/91 17:30 | 0.00                         |
| 12/19/91 17:45 | 0.00                         |
| 12/19/91 18:00 | 0.01                         |
| 12/19/91 18:15 | 0.01                         |
| 12/19/91 18:30 | 0.00                         |
| 12/19/91 18:45 | 0.00                         |
| 12/19/91 19:45 | 0.00                         |
| 12/19/91 20:30 | 0.00                         |
| 12/19/91 20:45 | 0.00                         |
| 12/19/91 21:00 | 0.00                         |
| 12/20/91 03:00 | 0.00                         |
| 12/20/91 06:00 | 0.00                         |
| 12/20/91 06:15 | 0.01                         |
| 12/20/91 06:30 | 0.01                         |
| 12/20/91 06:45 | 0.01                         |
| 12/20/91 07:00 | 0.01                         |
| 12/20/91 07:15 | 0.01                         |
| 12/20/91 07:30 | 0.01                         |
| 12/20/91 07:45 | 0.01                         |
| 12/20/91 08:00 | 0.01                         |
| 12/20/91 08:15 | 0.01                         |
| 12/20/91 08:30 | 0.01                         |
| 12/20/91 08:45 | 0.00                         |
| 12/20/91 09:00 | 0.01                         |
| 12/20/91 09:15 | 0.01                         |
| 12/20/91 09:30 | 0.02                         |
| 12/20/91 09:45 | 0.01                         |
| 12/20/91 10:00 | 0.01                         |
| 12/20/91 10:15 | 0.01                         |
| 12/20/91 10:30 | 0.01                         |
| 12/20/91 10:45 | 0.01                         |
| 12/20/91 11:00 | 0.01                         |
| 12/20/91 11:15 | 0.01                         |
| 12/20/91 11:30 | 0.01                         |
| 12/20/91 11:45 | 0.01                         |
| 12/20/91 12:00 | 0.01                         |
| 12/20/91 12:15 | 0.01                         |
| 12/20/91 12:30 | 0.01                         |
| 12/20/91 12:45 | 0.01                         |
| 12/20/91 13:00 | 0.01                         |
| 12/20/91 13:15 | 0.01                         |
| 12/20/91 13:30 | 0.01                         |
| 12/20/91 13:45 | 0.01                         |
| 12/20/91 14:00 | 0.01                         |
| 12/20/91 14:15 | 0.01                         |
| 12/20/91 14:30 | 0.01                         |
| 12/20/91 14:45 | 0.01                         |
| 12/20/91 15:00 | 0.00                         |
| 12/20/91 15:15 | 0.00                         |
| 12/20/91 15:30 | 0.00                         |
| 12/20/91 15:45 | 0.00                         |
| 12/20/91 16:00 | 0.00                         |
| 12/20/91 16:15 | 0.00                         |
| 12/20/91 16:30 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 12/20/91 16:45 | 0.00                         |
| 12/20/91 17:00 | 0.00                         |
| 12/20/91 17:15 | 0.00                         |
| 12/20/91 17:30 | 0.01                         |
| 12/20/91 17:45 | 0.00                         |
| 12/20/91 18:00 | 0.01                         |
| 12/20/91 18:15 | 0.01                         |
| 12/20/91 18:30 | 0.01                         |
| 12/20/91 18:45 | 0.01                         |
| 12/20/91 19:00 | 0.01                         |
| 12/20/91 19:15 | 0.01                         |
| 12/20/91 19:30 | 0.01                         |
| 12/20/91 19:45 | 0.01                         |
| 12/20/91 20:00 | 0.01                         |
| 12/20/91 20:15 | 0.01                         |
| 12/20/91 20:30 | 0.00                         |
| 12/20/91 20:45 | 0.00                         |
| 12/20/91 21:00 | 0.00                         |
| 12/20/91 21:15 | 0.00                         |
| 12/20/91 21:30 | 0.00                         |
| 12/20/91 21:45 | 0.00                         |
| 12/20/91 22:00 | 0.00                         |
| 12/20/91 22:15 | 0.00                         |
| 12/20/91 23:45 | 0.00                         |
| 12/22/91 07:30 | 0.00                         |
| 12/22/91 07:45 | 0.00                         |
| 12/22/91 08:00 | 0.00                         |
| 12/22/91 08:15 | 0.00                         |
| 12/22/91 08:30 | 0.00                         |
| 12/22/91 08:45 | 0.00                         |
| 12/22/91 09:00 | 0.00                         |
| 12/22/91 09:30 | 0.00                         |
| 12/22/91 09:45 | 0.00                         |
| 12/22/91 10:00 | 0.00                         |
| 12/22/91 10:15 | 0.00                         |
| 12/22/91 10:30 | 0.01                         |
| 12/22/91 10:45 | 0.00                         |
| 12/22/91 11:00 | 0.00                         |
| 12/22/91 11:15 | 0.01                         |
| 12/22/91 11:30 | 0.00                         |
| 12/22/91 11:45 | 0.00                         |
| 12/22/91 12:00 | 0.00                         |
| 12/22/91 12:15 | 0.00                         |
| 12/22/91 12:30 | 0.00                         |
| 12/22/91 12:45 | 0.00                         |
| 12/26/91 08:30 | 0.00                         |
| 12/26/91 09:15 | 0.00                         |
| 12/26/91 10:00 | 0.00                         |
| 12/26/91 11:15 | 0.00                         |
| 12/26/91 13:00 | 0.00                         |
| 01/01/92 00:15 | 0.00                         |
| 01/01/92 00:30 | 0.00                         |
| 01/01/92 00:45 | 0.00                         |
| 01/01/92 01:00 | 0.00                         |
| 01/01/92 01:15 | 0.01                         |
| 01/01/92 01:30 | 0.01                         |
| 01/01/92 02:00 | 0.00                         |
| 01/01/92 02:15 | 0.00                         |
| 01/01/92 02:30 | 0.00                         |
| 01/01/92 02:45 | 0.00                         |
| 01/01/92 03:15 | 0.00                         |
| 01/01/92 03:30 | 0.00                         |
| 01/01/92 03:45 | 0.00                         |
| 01/01/92 04:00 | 0.00                         |
| 01/01/92 04:15 | 0.00                         |
| 01/11/92 16:45 | 0.00                         |
| 01/11/92 17:15 | 0.00                         |
| 01/11/92 18:00 | 0.00                         |
| 01/11/92 18:45 | 0.00                         |
| 01/11/92 20:15 | 0.00                         |
| 01/11/92 20:30 | 0.00                         |
| 01/11/92 20:45 | 0.00                         |
| 01/11/92 21:00 | 0.00                         |
| 01/13/92 04:00 | 0.00                         |
| 01/13/92 04:15 | 0.00                         |
| 01/13/92 04:30 | 0.00                         |
| 01/13/92 04:45 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 01/13/92 05:00 | 0.00                         |
| 01/13/92 06:15 | 0.00                         |
| 01/13/92 07:00 | 0.00                         |
| 01/13/92 09:30 | 0.00                         |
| 01/13/92 09:45 | 0.00                         |
| 01/17/92 16:30 | 0.00                         |
| 01/17/92 17:00 | 0.00                         |
| 01/17/92 17:30 | 0.00                         |
| 01/17/92 18:00 | 0.00                         |
| 01/17/92 18:30 | 0.00                         |
| 01/17/92 19:00 | 0.00                         |
| 01/17/92 19:30 | 0.00                         |
| 01/17/92 20:00 | 0.00                         |
| 01/17/92 20:30 | 0.00                         |
| 01/17/92 21:00 | 0.00                         |
| 01/17/92 21:30 | 0.00                         |
| 01/17/92 22:00 | 0.00                         |
| 01/17/92 22:30 | 0.00                         |
| 01/17/92 22:45 | 0.00                         |
| 01/17/92 23:00 | 0.00                         |
| 01/17/92 23:15 | 0.00                         |
| 01/17/92 23:30 | 0.00                         |
| 01/17/92 23:45 | 0.00                         |
| 01/18/92 00:15 | 0.00                         |
| 01/18/92 00:30 | 0.00                         |
| 01/18/92 00:45 | 0.00                         |
| 01/18/92 01:00 | 0.00                         |
| 01/18/92 01:15 | 0.00                         |
| 01/18/92 01:30 | 0.00                         |
| 01/18/92 01:45 | 0.00                         |
| 01/18/92 02:00 | 0.00                         |
| 01/18/92 02:15 | 0.00                         |
| 01/18/92 02:30 | 0.00                         |
| 01/18/92 02:45 | 0.00                         |
| 01/18/92 03:15 | 0.00                         |
| 01/18/92 03:45 | 0.00                         |
| 01/18/92 04:15 | 0.00                         |
| 01/18/92 04:45 | 0.00                         |
| 01/18/92 05:15 | 0.00                         |
| 01/18/92 05:45 | 0.00                         |
| 01/18/92 06:15 | 0.00                         |
| 01/18/92 06:30 | 0.00                         |
| 01/18/92 06:45 | 0.00                         |
| 01/18/92 07:00 | 0.00                         |
| 01/18/92 07:30 | 0.00                         |
| 01/18/92 08:00 | 0.00                         |
| 01/18/92 10:00 | 0.00                         |
| 01/18/92 10:15 | 0.00                         |
| 01/18/92 10:30 | 0.00                         |
| 01/18/92 10:45 | 0.00                         |
| 01/18/92 11:00 | 0.00                         |
| 01/18/92 11:15 | 0.00                         |
| 01/18/92 11:30 | 0.00                         |
| 01/18/92 11:45 | 0.00                         |
| 01/18/92 12:00 | 0.00                         |
| 01/18/92 12:15 | 0.00                         |
| 01/18/92 12:30 | 0.00                         |
| 01/18/92 12:45 | 0.00                         |
| 01/18/92 13:00 | 0.00                         |
| 01/18/92 13:15 | 0.00                         |
| 01/18/92 13:30 | 0.00                         |
| 01/18/92 14:00 | 0.00                         |
| 01/18/92 14:30 | 0.00                         |
| 01/21/92 14:45 | 0.00                         |
| 01/21/92 15:15 | 0.00                         |
| 01/21/92 15:45 | 0.00                         |
| 01/21/92 16:15 | 0.00                         |
| 01/21/92 16:45 | 0.00                         |
| 01/21/92 17:45 | 0.00                         |
| 01/21/92 18:00 | 0.00                         |
| 01/21/92 18:15 | 0.00                         |
| 01/21/92 18:30 | 0.00                         |
| 01/21/92 18:45 | 0.00                         |
| 01/21/92 19:00 | 0.00                         |
| 01/21/92 19:15 | 0.00                         |
| 01/21/92 19:30 | 0.00                         |
| 01/21/92 19:45 | 0.00                         |



| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 01/21/92 20:00 | 0.00                         |
| 01/21/92 20:15 | 0.00                         |
| 01/21/92 20:30 | 0.00                         |
| 01/21/92 20:45 | 0.00                         |
| 01/21/92 21:00 | 0.00                         |
| 01/21/92 22:00 | 0.00                         |
| 01/21/92 23:00 | 0.00                         |
| 01/26/92 11:45 | 0.00                         |
| 01/26/92 12:15 | 0.00                         |
| 01/26/92 12:45 | 0.00                         |
| 01/26/92 14:00 | 0.00                         |
| 01/26/92 14:30 | 0.00                         |
| 01/26/92 15:00 | 0.00                         |
| 01/26/92 15:30 | 0.00                         |
| 01/26/92 16:00 | 0.00                         |
| 01/26/92 16:15 | 0.00                         |
| 01/26/92 16:30 | 0.00                         |
| 01/26/92 16:45 | 0.00                         |
| 01/26/92 17:00 | 0.00                         |
| 01/26/92 17:15 | 0.00                         |
| 01/26/92 17:30 | 0.00                         |
| 01/26/92 17:45 | 0.00                         |
| 01/26/92 18:00 | 0.00                         |
| 01/26/92 18:15 | 0.00                         |
| 01/26/92 18:30 | 0.00                         |
| 01/26/92 18:45 | 0.00                         |
| 01/26/92 19:00 | 0.00                         |
| 01/26/92 19:15 | 0.00                         |
| 01/26/92 19:30 | 0.00                         |
| 01/26/92 19:45 | 0.00                         |
| 01/26/92 20:00 | 0.00                         |
| 01/26/92 20:15 | 0.00                         |
| 01/26/92 20:30 | 0.00                         |
| 01/26/92 20:45 | 0.00                         |
| 01/26/92 21:00 | 0.00                         |
| 01/26/92 21:30 | 0.00                         |
| 01/26/92 22:00 | 0.00                         |
| 01/26/92 22:30 | 0.00                         |
| 01/26/92 22:45 | 0.00                         |
| 01/26/92 23:00 | 0.00                         |
| 01/26/92 23:15 | 0.00                         |
| 01/26/92 23:30 | 0.00                         |
| 01/26/92 23:45 | 0.00                         |
| 01/27/92 00:45 | 0.00                         |
| 01/27/92 01:00 | 0.00                         |
| 01/27/92 01:15 | 0.01                         |
| 01/27/92 01:30 | 0.01                         |
| 01/27/92 01:45 | 0.00                         |
| 01/27/92 02:00 | 0.00                         |
| 01/27/92 02:15 | 0.00                         |
| 01/27/92 02:30 | 0.00                         |
| 01/27/92 02:45 | 0.00                         |
| 01/27/92 03:00 | 0.00                         |
| 01/27/92 03:15 | 0.00                         |
| 01/27/92 03:30 | 0.00                         |
| 01/27/92 03:45 | 0.00                         |
| 01/27/92 04:00 | 0.00                         |
| 01/27/92 04:15 | 0.00                         |
| 01/27/92 04:45 | 0.00                         |
| 01/27/92 05:15 | 0.00                         |
| 01/27/92 05:45 | 0.00                         |
| 01/27/92 06:00 | 0.00                         |
| 01/27/92 06:15 | 0.00                         |
| 01/27/92 08:30 | 0.00                         |
| 01/27/92 09:00 | 0.00                         |
| 01/27/92 09:15 | 0.00                         |
| 01/27/92 09:30 | 0.00                         |
| 01/27/92 09:45 | 0.00                         |
| 01/27/92 10:00 | 0.00                         |
| 01/27/92 10:15 | 0.00                         |
| 01/27/92 10:45 | 0.00                         |
| 01/27/92 11:15 | 0.00                         |
| 01/27/92 11:45 | 0.00                         |
| 01/27/92 12:15 | 0.00                         |
| 01/27/92 12:45 | 0.00                         |
| 01/27/92 14:15 | 0.00                         |
| 01/28/92 02:30 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 01/28/92 03:00 | 0.00                         |
| 01/28/92 03:30 | 0.00                         |
| 01/28/92 06:30 | 0.00                         |
| 01/28/92 06:45 | 0.00                         |
| 01/28/92 07:00 | 0.00                         |
| 02/01/92 00:15 | 0.00                         |
| 02/12/92 00:15 | 0.00                         |
| 02/12/92 00:30 | 0.02                         |
| 02/12/92 00:45 | 0.00                         |
| 02/12/92 01:00 | 0.00                         |
| 02/12/92 01:45 | 0.00                         |
| 02/12/92 02:00 | 0.01                         |
| 02/12/92 02:15 | 0.04                         |
| 02/12/92 02:30 | 0.01                         |
| 02/17/92 17:45 | 0.01                         |
| 02/17/92 18:15 | 0.00                         |
| 02/22/92 12:15 | 0.00                         |
| 02/22/92 12:30 | 0.00                         |
| 02/22/92 12:45 | 0.00                         |
| 02/22/92 13:00 | 0.00                         |
| 02/22/92 13:15 | 0.00                         |
| 02/22/92 13:30 | 0.00                         |
| 02/22/92 13:45 | 0.00                         |
| 02/22/92 14:00 | 0.00                         |
| 02/22/92 14:15 | 0.00                         |
| 02/22/92 14:30 | 0.00                         |
| 02/22/92 14:45 | 0.00                         |
| 02/22/92 15:00 | 0.00                         |
| 02/22/92 15:15 | 0.00                         |
| 02/22/92 15:30 | 0.00                         |
| 02/22/92 15:45 | 0.00                         |
| 02/22/92 16:00 | 0.00                         |
| 02/22/92 16:30 | 0.00                         |
| 02/22/92 17:15 | 0.00                         |
| 02/24/92 14:30 | 0.01                         |
| 02/24/92 14:45 | 0.01                         |
| 02/24/92 15:00 | 0.00                         |
| 02/24/92 15:15 | 0.00                         |
| 02/24/92 15:30 | 0.00                         |
| 02/24/92 15:45 | 0.00                         |
| 02/24/92 16:00 | 0.00                         |
| 02/24/92 16:15 | 0.00                         |
| 02/24/92 16:30 | 0.00                         |
| 02/24/92 16:45 | 0.00                         |
| 02/24/92 17:00 | 0.01                         |
| 02/24/92 17:15 | 0.00                         |
| 02/24/92 17:30 | 0.00                         |
| 02/24/92 17:45 | 0.01                         |
| 02/24/92 18:00 | 0.00                         |
| 02/24/92 18:15 | 0.00                         |
| 02/24/92 18:30 | 0.00                         |
| 02/24/92 18:45 | 0.00                         |
| 02/24/92 19:00 | 0.01                         |
| 02/24/92 19:15 | 0.01                         |
| 02/24/92 19:30 | 0.01                         |
| 02/24/92 19:45 | 0.00                         |
| 02/24/92 20:00 | 0.00                         |
| 02/24/92 20:15 | 0.00                         |
| 02/24/92 20:30 | 0.00                         |
| 02/24/92 20:45 | 0.00                         |
| 02/24/92 21:00 | 0.00                         |
| 02/24/92 21:15 | 0.00                         |
| 02/24/92 21:30 | 0.00                         |
| 02/24/92 21:45 | 0.00                         |
| 02/24/92 22:00 | 0.00                         |
| 02/24/92 22:15 | 0.00                         |
| 02/24/92 22:30 | 0.00                         |
| 02/24/92 23:00 | 0.00                         |
| 02/25/92 00:15 | 0.00                         |
| 02/25/92 01:15 | 0.00                         |
| 02/25/92 01:45 | 0.00                         |
| 02/25/92 02:00 | 0.00                         |
| 02/25/92 02:15 | 0.00                         |
| 02/25/92 02:30 | 0.00                         |
| 02/25/92 02:45 | 0.00                         |
| 02/25/92 03:00 | 0.00                         |
| 02/25/92 03:15 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 02/25/92 03:30 | 0.00                         |
| 02/25/92 03:45 | 0.00                         |
| 02/25/92 04:00 | 0.00                         |
| 02/25/92 04:15 | 0.00                         |
| 02/25/92 04:30 | 0.00                         |
| 02/25/92 04:45 | 0.00                         |
| 02/25/92 05:00 | 0.00                         |
| 02/25/92 05:15 | 0.00                         |
| 02/25/92 05:30 | 0.00                         |
| 02/25/92 05:45 | 0.00                         |
| 02/25/92 06:00 | 0.00                         |
| 02/25/92 06:15 | 0.00                         |
| 02/25/92 06:30 | 0.00                         |
| 02/25/92 06:45 | 0.00                         |
| 02/25/92 07:00 | 0.00                         |
| 02/25/92 07:15 | 0.00                         |
| 02/25/92 07:30 | 0.00                         |
| 02/25/92 07:45 | 0.00                         |
| 02/25/92 08:00 | 0.00                         |
| 02/25/92 08:15 | 0.00                         |
| 02/25/92 08:30 | 0.00                         |
| 02/25/92 08:45 | 0.00                         |
| 02/25/92 09:00 | 0.00                         |
| 02/25/92 09:30 | 0.00                         |
| 02/25/92 10:30 | 0.00                         |
| 03/01/92 00:15 | 0.00                         |
| 03/01/92 18:00 | 0.00                         |
| 03/20/92 12:00 | 0.00                         |
| 03/24/92 07:15 | 0.00                         |
| 03/24/92 10:00 | 0.00                         |
| 03/24/92 10:15 | 0.00                         |
| 03/24/92 10:30 | 0.00                         |
| 03/24/92 10:45 | 0.00                         |
| 03/24/92 11:00 | 0.00                         |
| 03/24/92 11:30 | 0.00                         |
| 03/24/92 20:00 | 0.02                         |
| 03/24/92 20:15 | 0.01                         |
| 03/24/92 20:30 | 0.00                         |
| 03/26/92 07:15 | 0.00                         |
| 03/28/92 07:00 | 0.00                         |
| 04/01/92 00:15 | 0.00                         |
| 04/06/92 00:30 | 0.01                         |
| 04/06/92 00:45 | 0.00                         |
| 04/06/92 01:00 | 0.00                         |
| 04/06/92 01:15 | 0.00                         |
| 04/06/92 01:30 | 0.00                         |
| 04/06/92 02:00 | 0.00                         |
| 04/06/92 02:30 | 0.00                         |
| 04/06/92 03:00 | 0.00                         |
| 04/06/92 03:30 | 0.00                         |
| 04/06/92 04:00 | 0.00                         |
| 04/06/92 05:30 | 0.00                         |
| 04/06/92 05:45 | 0.00                         |
| 04/06/92 06:00 | 0.00                         |
| 04/06/92 06:15 | 0.00                         |
| 04/06/92 06:45 | 0.00                         |
| 04/11/92 08:30 | 0.00                         |
| 04/11/92 09:00 | 0.00                         |
| 04/11/92 09:15 | 0.01                         |
| 04/11/92 09:45 | 0.01                         |
| 04/11/92 10:00 | 0.00                         |
| 04/11/92 10:15 | 0.00                         |
| 04/11/92 10:45 | 0.00                         |
| 04/11/92 11:00 | 0.00                         |
| 04/16/92 04:30 | 0.00                         |
| 04/16/92 04:45 | 0.00                         |
| 04/16/92 05:30 | 0.00                         |
| 04/16/92 05:45 | 0.00                         |
| 04/16/92 06:00 | 0.00                         |
| 04/16/92 06:15 | 0.00                         |
| 04/16/92 07:00 | 0.00                         |
| 04/17/92 14:00 | 0.00                         |
| 04/17/92 14:15 | 0.00                         |
| 04/17/92 14:30 | 0.00                         |
| 04/17/92 14:45 | 0.00                         |
| 04/17/92 15:00 | 0.00                         |
| 04/17/92 15:15 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 04/17/92 15:45 | 0.00                         |
| 04/17/92 16:30 | 0.00                         |
| 04/18/92 07:00 | 0.00                         |
| 04/20/92 07:00 | 0.00                         |
| 04/28/92 06:15 | 0.00                         |
| 04/28/92 06:30 | 0.00                         |
| 04/28/92 10:30 | 0.00                         |
| 04/28/92 11:45 | 0.00                         |
| 04/28/92 13:00 | 0.00                         |
| 04/28/92 14:15 | 0.00                         |
| 04/28/92 15:45 | 0.00                         |
| 04/28/92 17:15 | 0.00                         |
| 04/28/92 18:15 | 0.00                         |
| 04/28/92 19:00 | 0.00                         |
| 04/28/92 19:45 | 0.00                         |
| 04/28/92 20:30 | 0.00                         |
| 04/28/92 21:15 | 0.00                         |
| 04/28/92 21:30 | 0.00                         |
| 04/28/92 21:45 | 0.00                         |
| 04/28/92 22:30 | 0.00                         |
| 04/28/92 23:15 | 0.00                         |
| 04/29/92 00:15 | 0.00                         |
| 04/29/92 00:45 | 0.00                         |
| 05/01/92 00:15 | 0.00                         |
| 05/14/92 09:00 | 0.03                         |
| 05/14/92 09:15 | 0.02                         |
| 05/14/92 09:30 | 0.02                         |
| 05/14/92 09:45 | 0.01                         |
| 05/14/92 10:00 | 0.00                         |
| 05/14/92 10:15 | 0.00                         |
| 05/14/92 11:00 | 0.00                         |
| 05/14/92 11:30 | 0.00                         |
| 05/14/92 12:00 | 0.00                         |
| 05/14/92 12:30 | 0.00                         |
| 05/14/92 13:45 | 0.00                         |
| 05/16/92 10:45 | 0.00                         |
| 05/16/92 11:00 | 0.00                         |
| 05/16/92 11:15 | 0.00                         |
| 05/16/92 11:30 | 0.00                         |
| 05/16/92 12:30 | 0.00                         |
| 05/16/92 13:00 | 0.00                         |
| 05/16/92 15:30 | 0.00                         |
| 05/16/92 15:45 | 0.00                         |
| 05/16/92 16:00 | 0.00                         |
| 05/17/92 00:30 | 0.00                         |
| 05/17/92 00:45 | 0.00                         |
| 05/17/92 01:00 | 0.00                         |
| 05/17/92 01:15 | 0.00                         |
| 05/17/92 01:30 | 0.00                         |
| 05/17/92 02:15 | 0.00                         |
| 05/17/92 03:45 | 0.00                         |
| 05/17/92 11:45 | 0.02                         |
| 05/17/92 12:00 | 0.03                         |
| 05/17/92 12:15 | 0.04                         |
| 05/17/92 12:30 | 0.01                         |
| 05/17/92 12:45 | 0.01                         |
| 05/17/92 13:00 | 0.01                         |
| 05/17/92 13:15 | 0.00                         |
| 05/17/92 13:30 | 0.00                         |
| 05/17/92 13:45 | 0.00                         |
| 05/17/92 14:00 | 0.00                         |
| 05/17/92 14:15 | 0.00                         |
| 05/17/92 14:30 | 0.00                         |
| 05/17/92 15:15 | 0.00                         |
| 05/17/92 15:45 | 0.00                         |
| 05/17/92 20:45 | 0.00                         |
| 05/17/92 21:00 | 0.00                         |
| 05/17/92 22:30 | 0.00                         |
| 05/17/92 22:45 | 0.00                         |
| 05/17/92 23:00 | 0.00                         |
| 05/17/92 23:15 | 0.01                         |
| 05/17/92 23:45 | 0.00                         |
| 05/18/92 00:15 | 0.00                         |
| 05/18/92 00:30 | 0.00                         |
| 05/18/92 00:45 | 0.00                         |
| 05/18/92 01:00 | 0.00                         |
| 05/18/92 01:15 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 05/18/92 01:30 | 0.00                         |
| 05/18/92 03:00 | 0.00                         |
| 05/19/92 18:00 | 0.19                         |
| 05/19/92 20:45 | 0.00                         |
| 05/19/92 21:00 | 0.01                         |
| 05/19/92 21:15 | 0.00                         |
| 05/19/92 21:30 | 0.00                         |
| 05/19/92 22:30 | 0.00                         |
| 05/21/92 17:30 | 0.01                         |
| 05/21/92 17:45 | 0.01                         |
| 05/21/92 18:00 | 0.01                         |
| 05/21/92 18:15 | 0.00                         |
| 05/21/92 18:30 | 0.00                         |
| 05/21/92 18:45 | 0.00                         |
| 05/21/92 19:00 | 0.00                         |
| 05/21/92 19:15 | 0.00                         |
| 05/23/92 14:30 | 0.01                         |
| 05/23/92 14:45 | 0.02                         |
| 05/23/92 15:00 | 0.00                         |
| 05/25/92 07:15 | 0.01                         |
| 05/25/92 07:30 | 0.00                         |
| 05/25/92 08:00 | 0.00                         |
| 05/25/92 08:15 | 0.00                         |
| 05/25/92 08:30 | 0.00                         |
| 05/25/92 08:45 | 0.00                         |
| 05/25/92 09:00 | 0.00                         |
| 05/25/92 09:30 | 0.00                         |
| 05/28/92 05:30 | 0.00                         |
| 05/28/92 05:45 | 0.00                         |
| 05/28/92 06:00 | 0.00                         |
| 05/28/92 06:15 | 0.01                         |
| 05/28/92 06:30 | 0.01                         |
| 05/28/92 06:45 | 0.01                         |
| 05/28/92 07:00 | 0.02                         |
| 05/28/92 07:15 | 0.01                         |
| 05/28/92 07:30 | 0.00                         |
| 05/28/92 07:45 | 0.00                         |
| 05/28/92 08:00 | 0.00                         |
| 05/28/92 08:15 | 0.00                         |
| 05/28/92 08:45 | 0.00                         |
| 05/28/92 09:15 | 0.00                         |
| 05/28/92 12:30 | 0.00                         |
| 05/28/92 14:30 | 0.00                         |
| 05/28/92 15:00 | 0.00                         |
| 05/28/92 15:45 | 0.00                         |
| 05/31/92 12:15 | 0.00                         |
| 05/31/92 12:30 | 0.00                         |
| 05/31/92 12:45 | 0.01                         |
| 05/31/92 13:00 | 0.01                         |
| 05/31/92 13:15 | 0.00                         |
| 05/31/92 13:30 | 0.00                         |
| 05/31/92 14:00 | 0.00                         |
| 05/31/92 15:00 | 0.00                         |
| 05/31/92 23:00 | 0.00                         |
| 05/31/92 23:30 | 0.00                         |
| 06/01/92 00:15 | 0.00                         |
| 06/01/92 02:30 | 0.00                         |
| 06/01/92 02:45 | 0.00                         |
| 06/01/92 18:45 | 0.00                         |
| 06/01/92 19:00 | 0.00                         |
| 06/01/92 19:15 | 0.00                         |
| 06/01/92 23:45 | 0.00                         |
| 06/02/92 00:30 | 0.00                         |
| 06/02/92 01:15 | 0.00                         |
| 06/02/92 02:00 | 0.00                         |
| 06/02/92 02:45 | 0.00                         |
| 06/02/92 03:30 | 0.00                         |
| 06/06/92 01:15 | 0.00                         |
| 06/06/92 01:30 | 0.04                         |
| 06/06/92 01:45 | 0.03                         |
| 06/06/92 02:00 | 0.01                         |
| 06/06/92 02:15 | 0.01                         |
| 06/06/92 03:00 | 0.00                         |
| 06/06/92 03:15 | 0.00                         |
| 06/06/92 03:45 | 0.00                         |
| 06/20/92 05:15 | 0.02                         |
| 06/20/92 05:30 | 0.02                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 06/20/92 05:45 | 0.00                         |
| 06/20/92 06:15 | 0.00                         |
| 06/20/92 06:30 | 0.00                         |
| 06/20/92 06:45 | 0.00                         |
| 06/21/92 01:00 | 0.00                         |
| 06/21/92 01:30 | 0.00                         |
| 06/25/92 04:15 | 0.00                         |
| 06/25/92 04:30 | 0.00                         |
| 06/25/92 04:45 | 0.00                         |
| 06/25/92 05:00 | 0.00                         |
| 06/25/92 05:15 | 0.01                         |
| 06/25/92 05:30 | 0.01                         |
| 06/25/92 06:15 | 0.00                         |
| 06/25/92 06:30 | 0.01                         |
| 06/25/92 06:45 | 0.01                         |
| 06/25/92 07:00 | 0.01                         |
| 06/25/92 07:15 | 0.01                         |
| 06/25/92 07:30 | 0.00                         |
| 06/25/92 07:45 | 0.00                         |
| 06/25/92 08:00 | 0.00                         |
| 06/25/92 08:45 | 0.01                         |
| 06/27/92 12:45 | 0.00                         |
| 06/27/92 13:00 | 0.00                         |
| 06/27/92 13:15 | 0.02                         |
| 06/27/92 13:30 | 0.02                         |
| 06/27/92 13:45 | 0.00                         |
| 06/28/92 04:30 | 0.00                         |
| 06/28/92 04:45 | 0.02                         |
| 06/28/92 05:00 | 0.02                         |
| 06/28/92 05:15 | 0.01                         |
| 06/28/92 05:30 | 0.01                         |
| 06/28/92 05:45 | 0.00                         |
| 06/28/92 06:00 | 0.00                         |
| 06/29/92 00:30 | 0.00                         |
| 06/29/92 01:00 | 0.00                         |
| 06/29/92 02:30 | 0.00                         |
| 06/29/92 02:45 | 0.00                         |
| 06/29/92 03:00 | 0.00                         |
| 06/29/92 03:15 | 0.00                         |
| 06/29/92 03:30 | 0.01                         |
| 06/29/92 03:45 | 0.01                         |
| 06/29/92 04:00 | 0.02                         |
| 06/29/92 04:15 | 0.01                         |
| 06/29/92 04:30 | 0.01                         |
| 06/29/92 04:45 | 0.01                         |
| 06/29/92 05:00 | 0.02                         |
| 06/29/92 05:15 | 0.02                         |
| 06/29/92 05:30 | 0.00                         |
| 06/29/92 05:45 | 0.00                         |
| 06/29/92 06:00 | 0.00                         |
| 06/29/92 06:15 | 0.00                         |
| 06/29/92 07:45 | 0.00                         |
| 07/01/92 00:15 | 0.00                         |
| 07/15/92 05:15 | 0.01                         |
| 07/15/92 05:30 | 0.08                         |
| 07/15/92 05:45 | 0.01                         |
| 07/16/92 09:45 | 0.00                         |
| 07/16/92 10:00 | 0.00                         |
| 07/16/92 10:30 | 0.00                         |
| 07/17/92 12:45 | 0.00                         |
| 07/17/92 13:30 | 0.00                         |
| 07/17/92 14:00 | 0.00                         |
| 07/27/92 15:45 | 0.02                         |
| 07/27/92 16:00 | 0.01                         |
| 07/27/92 16:30 | 0.00                         |
| 07/28/92 16:45 | 0.01                         |
| 07/28/92 17:00 | 0.04                         |
| 07/28/92 17:15 | 0.03                         |
| 07/28/92 17:30 | 0.01                         |
| 07/28/92 17:45 | 0.00                         |
| 07/30/92 22:00 | 0.00                         |
| 07/30/92 22:15 | 0.00                         |
| 07/30/92 22:30 | 0.00                         |
| 07/30/92 22:45 | 0.00                         |
| 07/30/92 23:00 | 0.00                         |
| 07/31/92 00:30 | 0.00                         |
| 07/31/92 00:45 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 07/31/92 01:00 | 0.01                         |
| 07/31/92 01:15 | 0.03                         |
| 07/31/92 01:30 | 0.02                         |
| 07/31/92 01:45 | 0.01                         |
| 07/31/92 02:00 | 0.00                         |
| 07/31/92 02:15 | 0.01                         |
| 07/31/92 02:30 | 0.00                         |
| 07/31/92 02:45 | 0.00                         |
| 07/31/92 03:00 | 0.00                         |
| 07/31/92 03:15 | 0.00                         |
| 07/31/92 05:00 | 0.00                         |
| 08/01/92 00:15 | 0.00                         |
| 08/01/92 17:00 | 0.00                         |
| 08/01/92 17:15 | 0.05                         |
| 08/01/92 17:30 | 0.04                         |
| 08/01/92 17:45 | 0.01                         |
| 08/01/92 18:30 | 0.00                         |
| 08/02/92 19:00 | 0.00                         |
| 08/02/92 19:15 | 0.00                         |
| 08/02/92 19:30 | 0.00                         |
| 08/02/92 20:00 | 0.00                         |
| 08/02/92 20:30 | 0.00                         |
| 08/02/92 21:00 | 0.00                         |
| 08/12/92 16:45 | 0.00                         |
| 08/12/92 17:00 | 0.00                         |
| 08/12/92 17:15 | 0.01                         |
| 08/12/92 17:45 | 0.00                         |
| 08/12/92 19:30 | 0.00                         |
| 08/12/92 20:00 | 0.00                         |
| 08/18/92 13:15 | 0.00                         |
| 08/18/92 13:30 | 0.00                         |
| 08/18/92 13:45 | 0.00                         |
| 08/18/92 14:00 | 0.00                         |
| 08/18/92 14:15 | 0.00                         |
| 08/18/92 14:30 | 0.00                         |
| 08/18/92 14:45 | 0.00                         |
| 08/18/92 15:00 | 0.00                         |
| 08/18/92 15:15 | 0.00                         |
| 08/18/92 15:30 | 0.00                         |
| 08/18/92 16:00 | 0.00                         |
| 08/19/92 07:30 | 0.01                         |
| 08/19/92 07:45 | 0.01                         |
| 08/19/92 08:00 | 0.01                         |
| 08/19/92 08:15 | 0.00                         |
| 08/19/92 08:30 | 0.00                         |
| 08/19/92 09:00 | 0.00                         |
| 09/01/92 00:15 | 0.00                         |
| 09/01/92 12:30 | 0.00                         |
| 09/01/92 12:45 | 0.01                         |
| 09/02/92 23:00 | 0.00                         |
| 09/02/92 23:15 | 0.04                         |
| 09/02/92 23:30 | 0.03                         |
| 09/02/92 23:45 | 0.01                         |
| 09/03/92 00:15 | 0.01                         |
| 09/03/92 00:30 | 0.01                         |
| 09/03/92 00:45 | 0.02                         |
| 09/03/92 01:00 | 0.01                         |
| 09/03/92 01:15 | 0.00                         |
| 09/03/92 01:30 | 0.00                         |
| 09/03/92 01:45 | 0.00                         |
| 09/03/92 02:00 | 0.00                         |
| 09/03/92 02:30 | 0.01                         |
| 09/03/92 02:45 | 0.02                         |
| 09/09/92 07:15 | 0.00                         |
| 09/11/92 07:00 | 0.08                         |
| 09/20/92 21:45 | 0.00                         |
| 09/20/92 22:15 | 0.00                         |
| 09/20/92 22:30 | 0.00                         |
| 09/20/92 22:45 | 0.00                         |
| 09/20/92 23:00 | 0.01                         |
| 09/20/92 23:15 | 0.04                         |
| 09/20/92 23:30 | 0.02                         |
| 09/21/92 00:30 | 0.01                         |
| 09/21/92 00:45 | 0.03                         |
| 09/21/92 01:00 | 0.01                         |
| 09/21/92 01:15 | 0.00                         |
| 09/21/92 01:30 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 09/21/92 01:45 | 0.00                         |
| 09/21/92 02:15 | 0.00                         |
| 10/01/92 00:15 | 0.00                         |
| 10/15/92 16:00 | 0.00                         |
| 10/15/92 16:45 | 0.00                         |
| 10/15/92 17:15 | 0.00                         |
| 10/15/92 19:00 | 0.02                         |
| 10/15/92 19:15 | 0.04                         |
| 10/15/92 19:30 | 0.00                         |
| 10/15/92 19:45 | 0.00                         |
| 10/15/92 20:30 | 0.00                         |
| 10/15/92 21:30 | 0.00                         |
| 10/15/92 21:45 | 0.00                         |
| 10/15/92 22:00 | 0.00                         |
| 10/15/92 22:15 | 0.00                         |
| 10/15/92 22:30 | 0.00                         |
| 10/15/92 23:00 | 0.02                         |
| 10/15/92 23:15 | 0.00                         |
| 10/15/92 23:30 | 0.00                         |
| 10/16/92 01:30 | 0.01                         |
| 10/16/92 01:45 | 0.00                         |
| 10/16/92 06:00 | 0.00                         |
| 10/21/92 06:00 | 0.01                         |
| 10/28/92 23:30 | 0.00                         |
| 10/28/92 23:45 | 0.00                         |
| 10/29/92 00:15 | 0.00                         |
| 10/29/92 00:30 | 0.00                         |
| 10/29/92 02:30 | 0.00                         |
| 10/29/92 03:00 | 0.00                         |
| 10/29/92 22:00 | 0.00                         |
| 11/01/92 00:15 | 0.00                         |
| 11/11/92 21:00 | 0.00                         |
| 11/11/92 21:15 | 0.01                         |
| 11/11/92 21:30 | 0.00                         |
| 11/11/92 21:45 | 0.01                         |
| 11/11/92 22:00 | 0.01                         |
| 11/11/92 22:15 | 0.01                         |
| 11/11/92 23:30 | 0.00                         |
| 11/11/92 23:45 | 0.00                         |
| 11/12/92 00:15 | 0.01                         |
| 11/12/92 00:30 | 0.00                         |
| 11/19/92 01:15 | 0.00                         |
| 11/19/92 01:45 | 0.00                         |
| 11/19/92 02:30 | 0.00                         |
| 11/19/92 02:45 | 0.00                         |
| 11/19/92 03:15 | 0.00                         |
| 11/19/92 03:45 | 0.00                         |
| 11/19/92 04:00 | 0.00                         |
| 11/19/92 04:15 | 0.00                         |
| 11/19/92 04:30 | 0.00                         |
| 11/19/92 04:45 | 0.00                         |
| 11/19/92 05:15 | 0.00                         |
| 11/19/92 05:30 | 0.00                         |
| 11/19/92 05:45 | 0.00                         |
| 11/19/92 06:00 | 0.00                         |
| 11/19/92 06:15 | 0.00                         |
| 11/19/92 06:30 | 0.01                         |
| 11/19/92 06:45 | 0.01                         |
| 11/19/92 07:00 | 0.01                         |
| 11/19/92 07:15 | 0.01                         |
| 11/19/92 07:30 | 0.01                         |
| 11/19/92 07:45 | 0.01                         |
| 11/19/92 08:00 | 0.01                         |
| 11/19/92 08:15 | 0.01                         |
| 11/19/92 08:30 | 0.00                         |
| 11/19/92 08:45 | 0.00                         |
| 11/19/92 09:00 | 0.00                         |
| 11/19/92 09:15 | 0.00                         |
| 11/19/92 09:30 | 0.00                         |
| 11/19/92 09:45 | 0.00                         |
| 11/19/92 10:00 | 0.00                         |
| 11/19/92 10:45 | 0.00                         |
| 11/19/92 14:15 | 0.00                         |
| 11/20/92 07:00 | 0.02                         |
| 11/21/92 10:30 | 0.00                         |
| 11/21/92 10:45 | 0.00                         |
| 11/21/92 11:00 | 0.00                         |



| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 11/21/92 11:15 | 0.01                         |
| 11/21/92 11:30 | 0.00                         |
| 11/21/92 11:45 | 0.01                         |
| 11/21/92 12:00 | 0.00                         |
| 11/21/92 12:15 | 0.00                         |
| 11/21/92 12:30 | 0.01                         |
| 11/21/92 12:45 | 0.00                         |
| 11/21/92 13:00 | 0.00                         |
| 11/21/92 13:15 | 0.00                         |
| 11/21/92 13:30 | 0.00                         |
| 11/21/92 13:45 | 0.00                         |
| 11/21/92 17:15 | 0.01                         |
| 11/21/92 17:30 | 0.00                         |
| 11/24/92 02:30 | 0.00                         |
| 11/24/92 02:45 | 0.00                         |
| 11/24/92 04:00 | 0.00                         |
| 11/24/92 04:45 | 0.00                         |
| 11/24/92 05:00 | 0.01                         |
| 11/24/92 05:15 | 0.00                         |
| 11/24/92 05:30 | 0.01                         |
| 11/24/92 05:45 | 0.01                         |
| 11/24/92 06:00 | 0.01                         |
| 11/24/92 06:15 | 0.00                         |
| 11/24/92 09:00 | 0.00                         |
| 11/24/92 09:15 | 0.00                         |
| 11/24/92 09:30 | 0.00                         |
| 11/24/92 10:00 | 0.00                         |
| 11/24/92 10:15 | 0.00                         |
| 11/24/92 10:30 | 0.00                         |
| 12/01/92 00:15 | 0.00                         |
| 12/05/92 17:15 | 0.00                         |
| 12/05/92 17:45 | 0.00                         |
| 12/09/92 00:30 | 0.00                         |
| 12/09/92 00:45 | 0.01                         |
| 12/09/92 01:00 | 0.01                         |
| 12/09/92 01:15 | 0.01                         |
| 12/09/92 01:30 | 0.01                         |
| 12/09/92 01:45 | 0.01                         |
| 12/09/92 02:00 | 0.01                         |
| 12/09/92 02:15 | 0.00                         |
| 12/09/92 02:30 | 0.00                         |
| 12/09/92 02:45 | 0.00                         |
| 12/09/92 03:00 | 0.00                         |
| 12/09/92 03:15 | 0.00                         |
| 12/09/92 03:45 | 0.00                         |
| 12/13/92 08:00 | 0.00                         |
| 12/16/92 07:00 | 0.36                         |
| 12/16/92 16:30 | 0.00                         |
| 12/16/92 17:00 | 0.00                         |
| 12/16/92 17:15 | 0.00                         |
| 12/16/92 17:30 | 0.00                         |
| 12/16/92 18:00 | 0.00                         |
| 12/20/92 08:00 | 0.00                         |
| 12/21/92 07:00 | 0.01                         |
| 12/31/92 07:15 | 0.00                         |
| 01/01/93 00:15 | 0.00                         |
| 01/03/93 00:30 | 0.00                         |
| 01/03/93 00:45 | 0.00                         |
| 01/03/93 01:15 | 0.00                         |
| 01/04/93 02:45 | 0.00                         |
| 01/04/93 03:45 | 0.00                         |
| 01/04/93 05:30 | 0.00                         |
| 01/04/93 06:00 | 0.00                         |
| 01/06/93 21:45 | 0.00                         |
| 01/07/93 02:00 | 0.00                         |
| 01/07/93 18:00 | 0.00                         |
| 01/09/93 18:00 | 0.04                         |
| 01/10/93 23:45 | 0.00                         |
| 01/11/93 00:30 | 0.00                         |
| 01/11/93 08:45 | 0.00                         |
| 01/11/93 09:15 | 0.00                         |
| 01/17/93 23:45 | 0.00                         |
| 01/18/93 01:15 | 0.00                         |
| 01/18/93 02:00 | 0.00                         |
| 01/18/93 03:00 | 0.00                         |
| 01/19/93 00:45 | 0.00                         |
| 01/19/93 01:45 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 01/19/93 08:00 | 0.00                         |
| 01/19/93 08:15 | 0.00                         |
| 01/19/93 08:30 | 0.00                         |
| 01/19/93 08:45 | 0.00                         |
| 01/19/93 09:15 | 0.00                         |
| 01/19/93 09:45 | 0.00                         |
| 01/19/93 10:15 | 0.00                         |
| 01/19/93 15:45 | 0.00                         |
| 01/19/93 16:00 | 0.00                         |
| 01/19/93 17:15 | 0.00                         |
| 01/19/93 17:45 | 0.00                         |
| 01/19/93 18:00 | 0.00                         |
| 01/19/93 18:15 | 0.00                         |
| 01/19/93 18:30 | 0.00                         |
| 01/19/93 18:45 | 0.00                         |
| 01/19/93 19:00 | 0.00                         |
| 01/19/93 19:15 | 0.00                         |
| 01/19/93 20:30 | 0.00                         |
| 01/19/93 21:00 | 0.00                         |
| 01/19/93 21:30 | 0.00                         |
| 01/19/93 21:45 | 0.00                         |
| 01/19/93 22:15 | 0.00                         |
| 01/19/93 22:30 | 0.01                         |
| 01/19/93 22:45 | 0.01                         |
| 01/19/93 23:00 | 0.00                         |
| 01/19/93 23:15 | 0.00                         |
| 01/20/93 00:15 | 0.00                         |
| 01/20/93 00:30 | 0.00                         |
| 01/20/93 00:45 | 0.00                         |
| 01/20/93 01:00 | 0.00                         |
| 01/20/93 01:30 | 0.00                         |
| 01/20/93 01:45 | 0.00                         |
| 01/20/93 02:00 | 0.00                         |
| 01/20/93 02:30 | 0.00                         |
| 01/28/93 12:15 | 0.00                         |
| 01/28/93 13:15 | 0.00                         |
| 01/28/93 18:45 | 0.00                         |
| 01/28/93 19:15 | 0.00                         |
| 01/28/93 19:45 | 0.00                         |
| 01/28/93 20:15 | 0.00                         |
| 01/28/93 20:45 | 0.00                         |
| 01/28/93 21:15 | 0.00                         |
| 01/28/93 22:00 | 0.00                         |
| 02/01/93 00:15 | 0.00                         |
| 02/03/93 05:45 | 0.00                         |
| 02/03/93 06:00 | 0.00                         |
| 02/03/93 06:15 | 0.01                         |
| 02/03/93 06:30 | 0.01                         |
| 02/03/93 07:00 | 0.00                         |
| 02/03/93 07:15 | 0.00                         |
| 02/03/93 07:30 | 0.00                         |
| 02/03/93 07:45 | 0.00                         |
| 02/03/93 08:00 | 0.00                         |
| 02/03/93 08:30 | 0.00                         |
| 02/03/93 08:45 | 0.00                         |
| 02/03/93 09:00 | 0.00                         |
| 02/03/93 09:30 | 0.00                         |
| 02/03/93 10:00 | 0.00                         |
| 02/03/93 10:15 | 0.00                         |
| 02/03/93 10:30 | 0.00                         |
| 02/03/93 10:45 | 0.00                         |
| 02/03/93 11:00 | 0.00                         |
| 02/03/93 11:15 | 0.00                         |
| 02/03/93 11:45 | 0.00                         |
| 02/03/93 12:15 | 0.00                         |
| 02/03/93 12:30 | 0.00                         |
| 02/03/93 12:45 | 0.00                         |
| 02/03/93 13:15 | 0.00                         |
| 02/03/93 13:30 | 0.01                         |
| 02/03/93 13:45 | 0.01                         |
| 02/03/93 14:00 | 0.01                         |
| 02/03/93 14:15 | 0.01                         |
| 02/03/93 14:30 | 0.01                         |
| 02/03/93 14:45 | 0.01                         |
| 02/03/93 15:00 | 0.00                         |
| 02/03/93 15:15 | 0.00                         |
| 02/03/93 15:30 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 02/03/93 16:00 | 0.00                         |
| 02/03/93 16:30 | 0.00                         |
| 02/03/93 16:45 | 0.00                         |
| 02/03/93 17:15 | 0.00                         |
| 02/03/93 17:45 | 0.00                         |
| 02/03/93 18:00 | 0.00                         |
| 02/03/93 18:15 | 0.00                         |
| 02/03/93 19:00 | 0.00                         |
| 02/03/93 19:30 | 0.00                         |
| 02/03/93 20:00 | 0.00                         |
| 02/03/93 20:15 | 0.00                         |
| 02/03/93 20:30 | 0.00                         |
| 02/03/93 20:45 | 0.01                         |
| 02/03/93 21:00 | 0.00                         |
| 02/03/93 21:15 | 0.00                         |
| 02/03/93 21:30 | 0.00                         |
| 02/03/93 21:45 | 0.00                         |
| 02/03/93 22:00 | 0.00                         |
| 02/03/93 22:15 | 0.00                         |
| 02/03/93 23:30 | 0.00                         |
| 02/03/93 23:45 | 0.00                         |
| 02/04/93 00:15 | 0.00                         |
| 02/04/93 00:30 | 0.00                         |
| 02/04/93 00:45 | 0.00                         |
| 02/04/93 01:00 | 0.00                         |
| 02/04/93 01:15 | 0.00                         |
| 02/04/93 01:30 | 0.00                         |
| 02/04/93 01:45 | 0.00                         |
| 02/04/93 02:00 | 0.00                         |
| 02/04/93 02:15 | 0.00                         |
| 02/04/93 02:30 | 0.00                         |
| 02/04/93 02:45 | 0.00                         |
| 02/04/93 03:00 | 0.00                         |
| 02/04/93 03:15 | 0.00                         |
| 02/04/93 03:30 | 0.00                         |
| 02/04/93 03:45 | 0.00                         |
| 02/04/93 04:00 | 0.00                         |
| 02/04/93 04:15 | 0.00                         |
| 02/04/93 04:45 | 0.00                         |
| 02/10/93 04:45 | 0.00                         |
| 02/10/93 05:00 | 0.00                         |
| 02/10/93 05:15 | 0.00                         |
| 02/10/93 05:30 | 0.00                         |
| 02/10/93 05:45 | 0.00                         |
| 02/10/93 06:00 | 0.00                         |
| 02/14/93 15:30 | 0.00                         |
| 02/14/93 15:45 | 0.00                         |
| 02/14/93 18:30 | 0.00                         |
| 02/14/93 19:00 | 0.00                         |
| 02/15/93 01:30 | 0.00                         |
| 02/15/93 01:45 | 0.00                         |
| 02/15/93 02:00 | 0.00                         |
| 02/15/93 02:15 | 0.00                         |
| 02/15/93 02:30 | 0.00                         |
| 02/15/93 02:45 | 0.00                         |
| 02/15/93 03:15 | 0.00                         |
| 02/15/93 03:30 | 0.00                         |
| 02/15/93 03:45 | 0.00                         |
| 02/15/93 04:30 | 0.00                         |
| 02/15/93 05:15 | 0.00                         |
| 02/15/93 05:30 | 0.00                         |
| 02/15/93 05:45 | 0.01                         |
| 02/15/93 06:00 | 0.01                         |
| 02/15/93 06:15 | 0.01                         |
| 02/15/93 06:30 | 0.01                         |
| 02/15/93 06:45 | 0.01                         |
| 02/15/93 07:00 | 0.00                         |
| 02/15/93 07:15 | 0.00                         |
| 02/15/93 07:30 | 0.00                         |
| 02/15/93 07:45 | 0.00                         |
| 02/15/93 08:00 | 0.00                         |
| 02/15/93 08:15 | 0.01                         |
| 02/15/93 08:30 | 0.01                         |
| 02/15/93 08:45 | 0.01                         |
| 02/15/93 09:00 | 0.00                         |
| 02/15/93 09:15 | 0.00                         |
| 02/15/93 09:30 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 02/15/93 10:15 | 0.00                         |
| 02/15/93 12:00 | 0.00                         |
| 02/15/93 12:15 | 0.00                         |
| 02/15/93 12:30 | 0.00                         |
| 02/15/93 12:45 | 0.00                         |
| 02/24/93 14:00 | 0.00                         |
| 02/24/93 14:15 | 0.00                         |
| 02/24/93 14:30 | 0.00                         |
| 02/24/93 14:45 | 0.00                         |
| 02/24/93 15:00 | 0.00                         |
| 02/24/93 15:15 | 0.00                         |
| 02/24/93 15:30 | 0.00                         |
| 02/24/93 15:45 | 0.00                         |
| 02/24/93 16:00 | 0.00                         |
| 02/24/93 16:15 | 0.00                         |
| 02/24/93 16:30 | 0.00                         |
| 02/24/93 16:45 | 0.00                         |
| 02/24/93 17:00 | 0.00                         |
| 02/24/93 17:15 | 0.00                         |
| 02/24/93 17:30 | 0.00                         |
| 02/24/93 17:45 | 0.00                         |
| 02/24/93 18:00 | 0.00                         |
| 02/24/93 18:15 | 0.00                         |
| 02/24/93 18:30 | 0.00                         |
| 02/24/93 18:45 | 0.00                         |
| 02/24/93 19:00 | 0.00                         |
| 02/24/93 19:15 | 0.00                         |
| 02/24/93 19:30 | 0.00                         |
| 02/24/93 19:45 | 0.00                         |
| 02/24/93 20:00 | 0.00                         |
| 02/24/93 20:15 | 0.00                         |
| 02/24/93 20:30 | 0.00                         |
| 02/24/93 21:00 | 0.00                         |
| 02/24/93 21:30 | 0.00                         |
| 02/24/93 22:30 | 0.00                         |
| 02/24/93 22:45 | 0.00                         |
| 02/24/93 23:00 | 0.00                         |
| 02/24/93 23:15 | 0.00                         |
| 02/24/93 23:30 | 0.00                         |
| 02/24/93 23:45 | 0.00                         |
| 02/25/93 00:15 | 0.01                         |
| 02/25/93 00:30 | 0.00                         |
| 02/25/93 00:45 | 0.00                         |
| 02/25/93 02:00 | 0.00                         |
| 02/25/93 02:15 | 0.02                         |
| 02/25/93 02:30 | 0.03                         |
| 02/25/93 02:45 | 0.02                         |
| 02/25/93 03:00 | 0.02                         |
| 02/25/93 03:15 | 0.02                         |
| 02/25/93 03:30 | 0.03                         |
| 02/25/93 03:45 | 0.02                         |
| 02/25/93 04:00 | 0.01                         |
| 02/25/93 04:15 | 0.00                         |
| 02/25/93 04:30 | 0.00                         |
| 02/25/93 04:45 | 0.00                         |
| 02/25/93 05:00 | 0.00                         |
| 02/25/93 05:15 | 0.00                         |
| 02/25/93 05:30 | 0.00                         |
| 02/25/93 06:00 | 0.00                         |
| 02/25/93 06:45 | 0.00                         |
| 02/28/93 12:15 | 0.00                         |
| 02/28/93 13:00 | 0.00                         |
| 02/28/93 13:45 | 0.00                         |
| 02/28/93 14:15 | 0.00                         |
| 02/28/93 14:45 | 0.00                         |
| 02/28/93 15:45 | 0.00                         |
| 02/28/93 16:45 | 0.00                         |
| 03/01/93 00:15 | 0.00                         |
| 03/01/93 01:45 | 0.00                         |
| 03/01/93 02:30 | 0.00                         |
| 03/01/93 04:45 | 0.00                         |
| 03/01/93 05:00 | 0.00                         |
| 03/01/93 05:15 | 0.00                         |
| 03/01/93 05:45 | 0.00                         |
| 03/01/93 06:00 | 0.00                         |
| 03/01/93 06:15 | 0.01                         |
| 03/01/93 06:30 | 0.01                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 03/01/93 06:45 | 0.01                         |
| 03/01/93 07:15 | 0.00                         |
| 03/01/93 08:00 | 0.00                         |
| 03/01/93 08:15 | 0.00                         |
| 03/01/93 08:30 | 0.00                         |
| 03/01/93 09:00 | 0.00                         |
| 03/01/93 09:15 | 0.00                         |
| 03/01/93 09:30 | 0.00                         |
| 03/01/93 09:45 | 0.00                         |
| 03/01/93 10:15 | 0.00                         |
| 03/01/93 10:30 | 0.00                         |
| 03/01/93 10:45 | 0.00                         |
| 03/01/93 11:15 | 0.00                         |
| 03/11/93 20:30 | 0.00                         |
| 03/11/93 20:45 | 0.00                         |
| 03/11/93 22:15 | 0.00                         |
| 03/11/93 22:45 | 0.00                         |
| 03/11/93 23:00 | 0.00                         |
| 03/11/93 23:15 | 0.00                         |
| 03/11/93 23:30 | 0.00                         |
| 03/11/93 23:45 | 0.00                         |
| 03/12/93 00:15 | 0.00                         |
| 03/12/93 01:30 | 0.00                         |
| 03/12/93 02:00 | 0.00                         |
| 03/12/93 02:15 | 0.00                         |
| 03/12/93 02:30 | 0.00                         |
| 03/12/93 02:45 | 0.00                         |
| 03/12/93 03:30 | 0.00                         |
| 03/15/93 10:30 | 0.00                         |
| 03/15/93 10:45 | 0.00                         |
| 03/15/93 11:45 | 0.00                         |
| 03/15/93 13:00 | 0.00                         |
| 03/15/93 13:30 | 0.00                         |
| 03/15/93 14:00 | 0.00                         |
| 03/15/93 14:30 | 0.00                         |
| 03/15/93 15:00 | 0.00                         |
| 03/19/93 11:45 | 0.00                         |
| 03/19/93 12:00 | 0.00                         |
| 03/19/93 12:15 | 0.00                         |
| 03/19/93 13:15 | 0.00                         |
| 03/19/93 13:30 | 0.02                         |
| 03/19/93 14:00 | 0.00                         |
| 03/19/93 14:30 | 0.00                         |
| 03/19/93 15:30 | 0.00                         |
| 03/19/93 17:00 | 0.00                         |
| 03/19/93 17:15 | 0.00                         |
| 03/19/93 17:30 | 0.00                         |
| 03/19/93 18:00 | 0.00                         |
| 03/19/93 18:30 | 0.00                         |
| 03/22/93 00:45 | 0.00                         |
| 03/22/93 01:15 | 0.00                         |
| 03/22/93 01:30 | 0.00                         |
| 03/22/93 01:45 | 0.00                         |
| 03/22/93 02:00 | 0.00                         |
| 03/22/93 02:15 | 0.00                         |
| 03/22/93 02:30 | 0.00                         |
| 03/22/93 03:15 | 0.00                         |
| 03/22/93 03:30 | 0.00                         |
| 03/22/93 03:45 | 0.00                         |
| 03/22/93 04:00 | 0.00                         |
| 03/22/93 06:00 | 0.00                         |
| 03/22/93 06:15 | 0.00                         |
| 03/22/93 06:30 | 0.00                         |
| 03/22/93 06:45 | 0.00                         |
| 03/22/93 07:00 | 0.00                         |
| 03/22/93 07:15 | 0.00                         |
| 03/22/93 07:30 | 0.00                         |
| 03/22/93 07:45 | 0.00                         |
| 03/22/93 08:00 | 0.00                         |
| 03/22/93 08:15 | 0.01                         |
| 03/22/93 08:30 | 0.00                         |
| 03/22/93 08:45 | 0.00                         |
| 03/22/93 09:00 | 0.00                         |
| 03/22/93 09:15 | 0.00                         |
| 03/22/93 09:30 | 0.00                         |
| 03/22/93 10:15 | 0.00                         |
| 04/01/93 00:15 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 04/03/93 23:15 | 0.00                         |
| 04/03/93 23:30 | 0.02                         |
| 04/03/93 23:45 | 0.02                         |
| 04/04/93 00:15 | 0.00                         |
| 04/04/93 00:30 | 0.00                         |
| 04/04/93 00:45 | 0.00                         |
| 04/04/93 01:00 | 0.00                         |
| 04/04/93 01:30 | 0.00                         |
| 04/07/93 06:30 | 0.00                         |
| 04/07/93 06:45 | 0.01                         |
| 04/07/93 07:00 | 0.01                         |
| 04/07/93 07:15 | 0.01                         |
| 04/07/93 07:30 | 0.00                         |
| 04/07/93 07:45 | 0.00                         |
| 04/07/93 08:00 | 0.00                         |
| 04/07/93 08:15 | 0.00                         |
| 04/07/93 08:30 | 0.00                         |
| 04/07/93 08:45 | 0.00                         |
| 04/07/93 09:00 | 0.00                         |
| 04/14/93 05:30 | 0.00                         |
| 04/14/93 05:45 | 0.01                         |
| 04/14/93 06:00 | 0.01                         |
| 04/14/93 06:15 | 0.01                         |
| 04/14/93 06:30 | 0.01                         |
| 04/14/93 06:45 | 0.01                         |
| 04/14/93 07:00 | 0.01                         |
| 04/14/93 07:15 | 0.00                         |
| 04/14/93 07:30 | 0.01                         |
| 04/14/93 07:45 | 0.01                         |
| 04/14/93 08:00 | 0.01                         |
| 04/14/93 08:15 | 0.00                         |
| 04/14/93 08:30 | 0.00                         |
| 04/14/93 08:45 | 0.00                         |
| 04/14/93 12:15 | 0.00                         |
| 04/14/93 21:15 | 0.00                         |
| 04/14/93 23:00 | 0.00                         |
| 04/17/93 07:45 | 0.00                         |
| 04/17/93 08:00 | 0.00                         |
| 04/17/93 08:15 | 0.00                         |
| 04/17/93 08:30 | 0.00                         |
| 04/28/93 19:00 | 0.00                         |
| 04/28/93 19:15 | 0.01                         |
| 04/28/93 19:30 | 0.00                         |
| 04/28/93 20:00 | 0.00                         |
| 04/28/93 20:45 | 0.00                         |
| 04/28/93 23:00 | 0.01                         |
| 04/28/93 23:15 | 0.01                         |
| 04/28/93 23:30 | 0.00                         |
| 04/28/93 23:45 | 0.00                         |
| 04/29/93 00:15 | 0.00                         |
| 04/29/93 01:00 | 0.00                         |
| 04/29/93 01:15 | 0.00                         |
| 04/29/93 01:30 | 0.00                         |
| 04/29/93 01:45 | 0.01                         |
| 04/29/93 02:00 | 0.08                         |
| 04/29/93 02:15 | 0.07                         |
| 04/29/93 02:30 | 0.03                         |
| 04/29/93 02:45 | 0.02                         |
| 04/29/93 03:00 | 0.01                         |
| 04/29/93 03:15 | 0.01                         |
| 04/29/93 03:30 | 0.01                         |
| 04/29/93 03:45 | 0.00                         |
| 04/29/93 04:00 | 0.00                         |
| 04/29/93 04:15 | 0.00                         |
| 04/29/93 04:30 | 0.00                         |
| 04/29/93 04:45 | 0.01                         |
| 04/29/93 05:00 | 0.00                         |
| 04/29/93 05:15 | 0.00                         |
| 04/29/93 05:30 | 0.00                         |
| 04/29/93 06:15 | 0.00                         |
| 04/29/93 06:45 | 0.00                         |
| 04/29/93 08:30 | 0.00                         |
| 04/29/93 09:45 | 0.00                         |
| 04/29/93 11:00 | 0.00                         |
| 05/01/93 00:15 | 0.00                         |
| 05/01/93 23:45 | 0.00                         |
| 05/02/93 00:15 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 05/02/93 00:30 | 0.01                         |
| 05/02/93 00:45 | 0.01                         |
| 05/02/93 01:00 | 0.00                         |
| 05/02/93 01:15 | 0.00                         |
| 05/02/93 01:30 | 0.00                         |
| 05/02/93 02:00 | 0.00                         |
| 05/02/93 15:30 | 0.00                         |
| 05/09/93 05:00 | 0.00                         |
| 05/09/93 05:15 | 0.00                         |
| 05/09/93 05:30 | 0.00                         |
| 05/09/93 05:45 | 0.00                         |
| 05/09/93 06:00 | 0.00                         |
| 05/09/93 10:45 | 0.01                         |
| 05/09/93 11:00 | 0.04                         |
| 05/09/93 14:00 | 0.00                         |
| 05/09/93 14:15 | 0.01                         |
| 05/09/93 14:30 | 0.02                         |
| 05/09/93 14:45 | 0.03                         |
| 05/09/93 15:00 | 0.01                         |
| 05/10/93 16:45 | 0.01                         |
| 05/10/93 17:00 | 0.00                         |
| 05/10/93 17:30 | 0.00                         |
| 05/11/93 12:45 | 0.00                         |
| 05/11/93 13:00 | 0.00                         |
| 05/11/93 13:15 | 0.00                         |
| 05/11/93 13:30 | 0.00                         |
| 05/11/93 13:45 | 0.00                         |
| 05/23/93 07:15 | 0.01                         |
| 05/23/93 07:30 | 0.00                         |
| 05/28/93 11:00 | 0.00                         |
| 05/28/93 11:15 | 0.00                         |
| 05/28/93 11:30 | 0.00                         |
| 05/28/93 11:45 | 0.00                         |
| 05/28/93 12:45 | 0.00                         |
| 05/28/93 13:15 | 0.00                         |
| 05/28/93 13:30 | 0.00                         |
| 05/28/93 13:45 | 0.00                         |
| 05/28/93 14:00 | 0.00                         |
| 05/28/93 14:15 | 0.00                         |
| 05/28/93 14:30 | 0.00                         |
| 05/28/93 15:30 | 0.00                         |
| 05/28/93 16:00 | 0.00                         |
| 05/28/93 17:00 | 0.00                         |
| 05/30/93 11:30 | 0.00                         |
| 05/30/93 11:45 | 0.01                         |
| 05/30/93 12:00 | 0.00                         |
| 05/30/93 12:30 | 0.00                         |
| 05/30/93 13:15 | 0.00                         |
| 05/30/93 13:45 | 0.00                         |
| 05/30/93 14:00 | 0.00                         |
| 05/30/93 14:15 | 0.00                         |
| 05/30/93 14:30 | 0.00                         |
| 06/01/93 00:15 | 0.00                         |
| 06/09/93 17:30 | 0.00                         |
| 06/09/93 17:45 | 0.00                         |
| 06/09/93 18:00 | 0.01                         |
| 06/09/93 18:15 | 0.01                         |
| 06/09/93 18:30 | 0.00                         |
| 06/09/93 18:45 | 0.00                         |
| 06/09/93 19:00 | 0.03                         |
| 06/09/93 19:15 | 0.01                         |
| 06/09/93 19:30 | 0.00                         |
| 06/09/93 19:45 | 0.01                         |
| 06/09/93 20:00 | 0.01                         |
| 06/09/93 20:15 | 0.00                         |
| 06/10/93 00:15 | 0.01                         |
| 06/10/93 00:30 | 0.01                         |
| 06/10/93 00:45 | 0.01                         |
| 06/10/93 01:00 | 0.01                         |
| 06/10/93 01:15 | 0.01                         |
| 06/10/93 01:30 | 0.01                         |
| 06/10/93 01:45 | 0.01                         |
| 06/10/93 02:00 | 0.01                         |
| 06/10/93 02:15 | 0.01                         |
| 06/10/93 02:30 | 0.00                         |
| 06/10/93 02:45 | 0.00                         |
| 06/10/93 03:00 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 06/10/93 03:15 | 0.00                         |
| 06/10/93 03:45 | 0.00                         |
| 06/11/93 07:15 | 0.00                         |
| 06/11/93 07:30 | 0.00                         |
| 06/11/93 07:45 | 0.00                         |
| 06/11/93 08:00 | 0.01                         |
| 06/11/93 08:15 | 0.00                         |
| 06/11/93 08:30 | 0.00                         |
| 06/11/93 08:45 | 0.00                         |
| 06/11/93 09:15 | 0.00                         |
| 06/11/93 09:45 | 0.00                         |
| 06/11/93 10:15 | 0.00                         |
| 06/11/93 10:30 | 0.00                         |
| 06/11/93 10:45 | 0.00                         |
| 06/11/93 16:30 | 0.00                         |
| 06/11/93 16:45 | 0.00                         |
| 06/18/93 19:00 | 0.00                         |
| 06/25/93 15:30 | 0.00                         |
| 06/25/93 15:45 | 0.00                         |
| 06/25/93 16:00 | 0.00                         |
| 06/25/93 16:15 | 0.02                         |
| 06/25/93 16:30 | 0.04                         |
| 06/25/93 16:45 | 0.02                         |
| 06/25/93 17:00 | 0.01                         |
| 06/25/93 17:15 | 0.00                         |
| 06/25/93 17:30 | 0.01                         |
| 06/25/93 17:45 | 0.01                         |
| 06/25/93 18:00 | 0.01                         |
| 06/25/93 18:15 | 0.01                         |
| 06/25/93 18:30 | 0.02                         |
| 06/25/93 18:45 | 0.02                         |
| 06/25/93 19:00 | 0.00                         |
| 07/01/93 00:15 | 0.00                         |
| 08/01/93 00:15 | 0.00                         |
| 08/03/93 16:45 | 0.00                         |
| 08/07/93 03:15 | 0.00                         |
| 08/07/93 03:30 | 0.00                         |
| 08/07/93 04:45 | 0.00                         |
| 08/07/93 05:45 | 0.00                         |
| 08/07/93 10:45 | 0.00                         |
| 08/07/93 11:00 | 0.00                         |
| 09/01/93 00:15 | 0.00                         |
| 09/03/93 01:00 | 0.00                         |
| 09/03/93 01:30 | 0.00                         |
| 09/03/93 02:15 | 0.00                         |
| 09/03/93 03:15 | 0.00                         |
| 09/03/93 03:30 | 0.00                         |
| 09/03/93 03:45 | 0.02                         |
| 09/03/93 04:00 | 0.00                         |
| 09/03/93 04:15 | 0.00                         |
| 09/03/93 04:30 | 0.00                         |
| 09/08/93 04:45 | 0.00                         |
| 09/08/93 05:00 | 0.00                         |
| 09/08/93 05:30 | 0.00                         |
| 09/08/93 07:15 | 0.00                         |
| 09/08/93 08:30 | 0.00                         |
| 09/08/93 08:45 | 0.00                         |
| 09/08/93 09:00 | 0.01                         |
| 09/08/93 09:15 | 0.00                         |
| 09/08/93 09:30 | 0.00                         |
| 09/08/93 09:45 | 0.00                         |
| 09/08/93 10:15 | 0.00                         |
| 09/13/93 07:00 | 0.00                         |
| 09/13/93 07:15 | 0.00                         |
| 09/13/93 07:30 | 0.01                         |
| 09/13/93 07:45 | 0.01                         |
| 09/13/93 08:00 | 0.01                         |
| 09/13/93 08:15 | 0.01                         |
| 09/13/93 08:30 | 0.02                         |
| 09/13/93 08:45 | 0.02                         |
| 09/13/93 09:00 | 0.01                         |
| 09/13/93 09:15 | 0.00                         |
| 09/13/93 09:30 | 0.00                         |
| 09/13/93 09:45 | 0.00                         |
| 09/13/93 10:00 | 0.00                         |
| 09/13/93 10:15 | 0.00                         |
| 09/13/93 10:45 | 0.00                         |



| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 09/13/93 11:45 | 0.00                         |
| 09/13/93 13:30 | 0.00                         |
| 09/13/93 14:15 | 0.00                         |
| 09/13/93 14:30 | 0.00                         |
| 09/13/93 14:45 | 0.00                         |
| 09/13/93 15:00 | 0.00                         |
| 09/13/93 15:30 | 0.00                         |
| 09/13/93 15:45 | 0.00                         |
| 09/13/93 16:00 | 0.00                         |
| 09/14/93 01:00 | 0.00                         |
| 09/14/93 01:30 | 0.00                         |
| 09/14/93 01:45 | 0.00                         |
| 09/14/93 02:00 | 0.01                         |
| 09/14/93 02:15 | 0.02                         |
| 09/14/93 02:30 | 0.02                         |
| 09/14/93 02:45 | 0.01                         |
| 09/14/93 03:00 | 0.01                         |
| 09/14/93 03:15 | 0.03                         |
| 09/14/93 03:30 | 0.07                         |
| 09/14/93 03:45 | 0.01                         |
| 09/14/93 04:00 | 0.00                         |
| 09/14/93 04:15 | 0.00                         |
| 09/14/93 04:45 | 0.00                         |
| 09/14/93 05:15 | 0.00                         |
| 09/14/93 05:30 | 0.00                         |
| 09/14/93 06:00 | 0.00                         |
| 09/25/93 07:15 | 0.01                         |
| 09/25/93 07:30 | 0.00                         |
| 09/25/93 07:45 | 0.00                         |
| 09/25/93 08:15 | 0.00                         |
| 09/25/93 13:00 | 0.00                         |
| 09/25/93 13:30 | 0.00                         |
| 09/25/93 14:00 | 0.00                         |
| 09/25/93 14:30 | 0.00                         |
| 09/25/93 14:45 | 0.00                         |
| 09/25/93 15:00 | 0.00                         |
| 09/25/93 15:15 | 0.01                         |
| 09/25/93 15:30 | 0.02                         |
| 09/25/93 15:45 | 0.01                         |
| 09/25/93 16:00 | 0.00                         |
| 09/25/93 16:15 | 0.00                         |
| 09/25/93 16:30 | 0.00                         |
| 09/25/93 16:45 | 0.00                         |
| 09/25/93 17:00 | 0.00                         |
| 09/25/93 17:15 | 0.00                         |
| 09/25/93 17:30 | 0.00                         |
| 09/25/93 22:45 | 0.00                         |
| 09/25/93 23:30 | 0.00                         |
| 10/01/93 00:15 | 0.00                         |
| 10/02/93 15:45 | 0.00                         |
| 10/02/93 16:30 | 0.00                         |
| 10/02/93 16:45 | 0.01                         |
| 10/02/93 17:00 | 0.03                         |
| 10/02/93 17:30 | 0.00                         |
| 10/03/93 00:45 | 0.00                         |
| 10/03/93 01:45 | 0.00                         |
| 10/03/93 02:00 | 0.00                         |
| 10/03/93 02:15 | 0.00                         |
| 10/03/93 03:15 | 0.00                         |
| 10/03/93 04:00 | 0.00                         |
| 10/03/93 04:30 | 0.00                         |
| 10/03/93 05:00 | 0.00                         |
| 10/03/93 05:15 | 0.01                         |
| 10/03/93 05:30 | 0.00                         |
| 10/07/93 17:00 | 0.01                         |
| 10/07/93 17:15 | 0.00                         |
| 10/12/93 21:15 | 0.00                         |
| 10/12/93 21:30 | 0.00                         |
| 10/12/93 21:45 | 0.00                         |
| 10/12/93 22:00 | 0.01                         |
| 10/12/93 22:15 | 0.01                         |
| 10/12/93 22:30 | 0.01                         |
| 10/12/93 22:45 | 0.01                         |
| 10/12/93 23:00 | 0.01                         |
| 10/12/93 23:15 | 0.00                         |
| 10/12/93 23:30 | 0.00                         |
| 10/12/93 23:45 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 10/13/93 00:15 | 0.00                         |
| 10/13/93 00:45 | 0.00                         |
| 10/17/93 22:00 | 0.01                         |
| 10/17/93 22:30 | 0.00                         |
| 10/17/93 23:00 | 0.00                         |
| 10/17/93 23:15 | 0.02                         |
| 10/17/93 23:30 | 0.00                         |
| 10/18/93 00:15 | 0.00                         |
| 10/18/93 00:30 | 0.01                         |
| 10/18/93 00:45 | 0.01                         |
| 10/18/93 01:00 | 0.00                         |
| 10/18/93 01:15 | 0.00                         |
| 10/18/93 01:45 | 0.00                         |
| 10/18/93 02:00 | 0.00                         |
| 10/18/93 02:15 | 0.02                         |
| 10/18/93 02:30 | 0.01                         |
| 10/18/93 03:00 | 0.00                         |
| 10/18/93 18:30 | 0.01                         |
| 10/18/93 18:45 | 0.06                         |
| 10/18/93 19:00 | 0.02                         |
| 10/18/93 19:45 | 0.00                         |
| 10/18/93 20:15 | 0.01                         |
| 10/18/93 21:00 | 0.00                         |
| 10/18/93 22:15 | 0.00                         |
| 10/18/93 22:45 | 0.00                         |
| 10/18/93 23:15 | 0.00                         |
| 10/18/93 23:30 | 0.01                         |
| 10/18/93 23:45 | 0.01                         |
| 10/19/93 01:15 | 0.00                         |
| 10/19/93 01:45 | 0.00                         |
| 10/19/93 03:45 | 0.02                         |
| 10/19/93 04:00 | 0.05                         |
| 10/19/93 04:15 | 0.00                         |
| 10/19/93 04:30 | 0.01                         |
| 10/19/93 04:45 | 0.00                         |
| 10/19/93 05:00 | 0.00                         |
| 10/19/93 05:15 | 0.00                         |
| 10/19/93 05:30 | 0.00                         |
| 10/19/93 12:30 | 0.01                         |
| 10/19/93 12:45 | 0.00                         |
| 10/19/93 16:15 | 0.00                         |
| 10/19/93 16:30 | 0.02                         |
| 10/19/93 16:45 | 0.01                         |
| 10/19/93 17:00 | 0.00                         |
| 10/19/93 17:15 | 0.00                         |
| 10/19/93 17:30 | 0.00                         |
| 10/19/93 18:00 | 0.00                         |
| 10/19/93 19:30 | 0.00                         |
| 10/19/93 20:00 | 0.00                         |
| 10/19/93 20:15 | 0.00                         |
| 10/19/93 20:30 | 0.02                         |
| 10/19/93 20:45 | 0.01                         |
| 10/19/93 21:00 | 0.00                         |
| 10/19/93 21:45 | 0.00                         |
| 10/19/93 22:00 | 0.00                         |
| 10/19/93 22:15 | 0.00                         |
| 10/19/93 22:30 | 0.00                         |
| 10/19/93 22:45 | 0.00                         |
| 10/19/93 23:15 | 0.00                         |
| 10/20/93 00:45 | 0.00                         |
| 10/20/93 01:15 | 0.00                         |
| 10/20/93 03:15 | 0.00                         |
| 10/20/93 03:45 | 0.00                         |
| 10/20/93 04:30 | 0.00                         |
| 10/28/93 13:45 | 0.00                         |
| 10/28/93 14:15 | 0.00                         |
| 10/28/93 14:45 | 0.00                         |
| 10/28/93 15:15 | 0.00                         |
| 10/28/93 15:30 | 0.00                         |
| 10/28/93 16:00 | 0.00                         |
| 10/28/93 16:30 | 0.00                         |
| 11/01/93 00:15 | 0.00                         |
| 11/02/93 05:00 | 0.00                         |
| 11/02/93 05:15 | 0.00                         |
| 11/02/93 05:30 | 0.00                         |
| 11/02/93 05:45 | 0.00                         |
| 11/02/93 06:00 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 11/02/93 06:15 | 0.00                         |
| 11/02/93 07:00 | 0.00                         |
| 11/02/93 07:15 | 0.00                         |
| 11/02/93 07:30 | 0.00                         |
| 11/02/93 07:45 | 0.00                         |
| 11/02/93 08:00 | 0.00                         |
| 11/02/93 09:15 | 0.00                         |
| 11/02/93 12:30 | 0.00                         |
| 11/02/93 13:15 | 0.00                         |
| 11/02/93 13:30 | 0.00                         |
| 11/02/93 14:00 | 0.00                         |
| 11/02/93 15:00 | 0.00                         |
| 11/02/93 15:30 | 0.00                         |
| 11/02/93 16:00 | 0.00                         |
| 11/02/93 16:30 | 0.00                         |
| 11/13/93 15:00 | 0.00                         |
| 11/13/93 15:15 | 0.01                         |
| 11/13/93 15:30 | 0.00                         |
| 11/14/93 02:00 | 0.00                         |
| 11/14/93 02:30 | 0.00                         |
| 11/14/93 02:45 | 0.02                         |
| 11/14/93 03:00 | 0.01                         |
| 11/14/93 03:15 | 0.00                         |
| 11/14/93 03:30 | 0.00                         |
| 11/14/93 04:00 | 0.00                         |
| 11/14/93 04:15 | 0.00                         |
| 11/14/93 04:30 | 0.00                         |
| 11/14/93 04:45 | 0.00                         |
| 11/14/93 05:00 | 0.00                         |
| 11/14/93 05:15 | 0.00                         |
| 11/14/93 05:30 | 0.00                         |
| 11/14/93 05:45 | 0.00                         |
| 11/14/93 06:00 | 0.00                         |
| 11/14/93 06:15 | 0.00                         |
| 11/14/93 06:30 | 0.00                         |
| 11/16/93 05:30 | 0.00                         |
| 11/16/93 05:45 | 0.00                         |
| 11/16/93 06:15 | 0.00                         |
| 11/16/93 06:30 | 0.00                         |
| 11/16/93 06:45 | 0.00                         |
| 11/16/93 07:00 | 0.01                         |
| 11/16/93 07:30 | 0.00                         |
| 11/16/93 08:00 | 0.00                         |
| 11/16/93 08:15 | 0.00                         |
| 11/16/93 08:30 | 0.02                         |
| 11/16/93 08:45 | 0.01                         |
| 11/16/93 09:00 | 0.00                         |
| 11/16/93 09:15 | 0.00                         |
| 11/16/93 10:00 | 0.00                         |
| 11/16/93 10:15 | 0.00                         |
| 11/16/93 10:30 | 0.00                         |
| 11/16/93 10:45 | 0.00                         |
| 11/16/93 11:00 | 0.00                         |
| 11/26/93 14:00 | 0.00                         |
| 11/26/93 14:30 | 0.00                         |
| 11/26/93 14:45 | 0.01                         |
| 11/26/93 15:00 | 0.01                         |
| 11/26/93 15:15 | 0.01                         |
| 11/26/93 15:30 | 0.01                         |
| 11/26/93 15:45 | 0.00                         |
| 11/26/93 16:00 | 0.00                         |
| 11/26/93 16:15 | 0.00                         |
| 11/26/93 16:30 | 0.00                         |
| 11/26/93 16:45 | 0.00                         |
| 11/26/93 17:00 | 0.00                         |
| 11/26/93 17:30 | 0.00                         |
| 11/26/93 18:45 | 0.00                         |
| 11/27/93 09:15 | 0.00                         |
| 11/27/93 09:45 | 0.00                         |
| 11/27/93 10:00 | 0.00                         |
| 11/27/93 10:15 | 0.00                         |
| 11/27/93 10:45 | 0.00                         |
| 12/01/93 00:15 | 0.00                         |
| 12/02/93 03:30 | 0.00                         |
| 12/02/93 03:45 | 0.01                         |
| 12/02/93 04:00 | 0.01                         |
| 12/02/93 04:15 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 12/02/93 04:30 | 0.00                         |
| 12/02/93 12:15 | 0.00                         |
| 12/02/93 14:00 | 0.00                         |
| 12/03/93 21:15 | 0.00                         |
| 12/03/93 22:00 | 0.00                         |
| 12/03/93 22:15 | 0.01                         |
| 12/03/93 22:30 | 0.01                         |
| 12/03/93 22:45 | 0.01                         |
| 12/03/93 23:00 | 0.00                         |
| 12/03/93 23:15 | 0.00                         |
| 12/03/93 23:30 | 0.00                         |
| 12/03/93 23:45 | 0.00                         |
| 12/04/93 00:15 | 0.00                         |
| 12/04/93 00:30 | 0.00                         |
| 12/04/93 00:45 | 0.01                         |
| 12/04/93 01:00 | 0.01                         |
| 12/04/93 01:15 | 0.01                         |
| 12/04/93 01:30 | 0.00                         |
| 12/04/93 01:45 | 0.00                         |
| 12/04/93 02:00 | 0.00                         |
| 12/04/93 02:30 | 0.00                         |
| 12/04/93 10:15 | 0.00                         |
| 12/04/93 10:30 | 0.00                         |
| 12/04/93 10:45 | 0.01                         |
| 12/04/93 11:00 | 0.01                         |
| 12/04/93 11:15 | 0.01                         |
| 12/04/93 11:30 | 0.00                         |
| 12/04/93 11:45 | 0.00                         |
| 12/04/93 12:00 | 0.00                         |
| 12/04/93 12:30 | 0.00                         |
| 12/12/93 20:30 | 0.00                         |
| 12/12/93 20:45 | 0.01                         |
| 12/12/93 21:00 | 0.00                         |
| 12/12/93 21:15 | 0.00                         |
| 12/12/93 21:45 | 0.00                         |
| 12/12/93 22:00 | 0.00                         |
| 12/12/93 22:15 | 0.00                         |
| 12/12/93 22:30 | 0.00                         |
| 12/12/93 22:45 | 0.01                         |
| 12/12/93 23:00 | 0.01                         |
| 12/12/93 23:15 | 0.01                         |
| 12/12/93 23:30 | 0.00                         |
| 12/12/93 23:45 | 0.00                         |
| 12/22/93 04:45 | 0.00                         |
| 12/22/93 05:30 | 0.00                         |
| 12/22/93 06:15 | 0.00                         |
| 12/22/93 06:30 | 0.00                         |
| 12/22/93 06:45 | 0.00                         |
| 12/22/93 08:00 | 0.00                         |
| 12/22/93 09:00 | 0.00                         |
| 12/22/93 11:00 | 0.00                         |
| 12/22/93 11:45 | 0.00                         |
| 12/22/93 12:15 | 0.00                         |
| 12/22/93 12:45 | 0.00                         |
| 12/22/93 14:00 | 0.00                         |
| 01/01/94 00:15 | 0.00                         |
| 01/11/94 01:00 | 0.00                         |
| 01/11/94 01:15 | 0.00                         |
| 01/11/94 01:30 | 0.00                         |
| 01/11/94 02:00 | 0.00                         |
| 01/11/94 02:45 | 0.00                         |
| 01/11/94 06:30 | 0.00                         |
| 01/11/94 07:00 | 0.01                         |
| 01/16/94 21:15 | 0.00                         |
| 01/16/94 21:30 | 0.02                         |
| 01/16/94 21:45 | 0.02                         |
| 01/16/94 22:00 | 0.00                         |
| 01/16/94 22:45 | 0.00                         |
| 01/20/94 11:00 | 0.00                         |
| 01/20/94 11:45 | 0.00                         |
| 01/20/94 12:30 | 0.00                         |
| 01/20/94 14:30 | 0.00                         |
| 01/20/94 15:30 | 0.00                         |
| 01/22/94 10:45 | 0.00                         |
| 01/22/94 11:00 | 0.00                         |
| 01/22/94 11:15 | 0.00                         |
| 01/22/94 11:30 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 01/22/94 11:45 | 0.00                         |
| 01/22/94 12:00 | 0.00                         |
| 01/22/94 12:30 | 0.00                         |
| 01/22/94 13:00 | 0.00                         |
| 01/22/94 14:30 | 0.00                         |
| 01/22/94 15:00 | 0.00                         |
| 01/22/94 15:15 | 0.00                         |
| 01/22/94 15:30 | 0.00                         |
| 01/22/94 15:45 | 0.00                         |
| 01/22/94 16:15 | 0.00                         |
| 01/22/94 16:45 | 0.00                         |
| 01/22/94 17:15 | 0.00                         |
| 01/24/94 11:00 | 0.00                         |
| 01/24/94 11:15 | 0.00                         |
| 01/24/94 11:30 | 0.00                         |
| 01/24/94 12:15 | 0.00                         |
| 01/24/94 13:30 | 0.00                         |
| 01/25/94 23:30 | 0.00                         |
| 01/26/94 00:15 | 0.00                         |
| 01/26/94 01:00 | 0.00                         |
| 01/27/94 12:00 | 0.00                         |
| 02/01/94 00:15 | 0.00                         |
| 02/09/94 01:00 | 0.00                         |
| 02/09/94 05:00 | 0.01                         |
| 02/21/94 20:00 | 0.00                         |
| 02/21/94 20:45 | 0.00                         |
| 02/21/94 21:00 | 0.01                         |
| 02/21/94 21:15 | 0.00                         |
| 02/21/94 21:30 | 0.00                         |
| 02/21/94 22:00 | 0.00                         |
| 02/21/94 22:15 | 0.00                         |
| 02/21/94 22:45 | 0.00                         |
| 02/21/94 23:00 | 0.00                         |
| 02/21/94 23:30 | 0.00                         |
| 02/22/94 00:45 | 0.01                         |
| 02/22/94 01:00 | 0.01                         |
| 02/22/94 01:15 | 0.01                         |
| 02/22/94 01:30 | 0.01                         |
| 02/22/94 01:45 | 0.01                         |
| 02/22/94 02:00 | 0.00                         |
| 02/22/94 02:15 | 0.00                         |
| 02/22/94 02:30 | 0.00                         |
| 02/22/94 02:45 | 0.00                         |
| 02/22/94 03:00 | 0.00                         |
| 02/22/94 09:00 | 0.00                         |
| 02/22/94 09:15 | 0.00                         |
| 02/22/94 09:45 | 0.00                         |
| 02/22/94 10:00 | 0.01                         |
| 02/28/94 15:30 | 0.00                         |
| 02/28/94 16:00 | 0.00                         |
| 02/28/94 17:30 | 0.00                         |
| 02/28/94 18:00 | 0.00                         |
| 02/28/94 18:15 | 0.00                         |
| 02/28/94 18:30 | 0.00                         |
| 02/28/94 18:45 | 0.00                         |
| 02/28/94 19:00 | 0.00                         |
| 02/28/94 19:15 | 0.00                         |
| 02/28/94 19:30 | 0.00                         |
| 02/28/94 19:45 | 0.00                         |
| 02/28/94 20:00 | 0.00                         |
| 02/28/94 20:15 | 0.00                         |
| 02/28/94 20:30 | 0.00                         |
| 02/28/94 20:45 | 0.00                         |
| 02/28/94 21:00 | 0.00                         |
| 02/28/94 21:15 | 0.00                         |
| 02/28/94 21:30 | 0.00                         |
| 02/28/94 21:45 | 0.00                         |
| 02/28/94 22:00 | 0.00                         |
| 02/28/94 22:15 | 0.00                         |
| 02/28/94 22:30 | 0.00                         |
| 02/28/94 23:00 | 0.00                         |
| 02/28/94 23:15 | 0.00                         |
| 02/28/94 23:30 | 0.00                         |
| 03/01/94 00:15 | 0.00                         |
| 03/01/94 08:45 | 0.00                         |
| 03/01/94 09:15 | 0.00                         |
| 03/01/94 09:30 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 03/01/94 09:45 | 0.00                         |
| 03/01/94 10:00 | 0.00                         |
| 03/01/94 10:15 | 0.00                         |
| 03/01/94 10:30 | 0.00                         |
| 03/01/94 10:45 | 0.00                         |
| 03/01/94 11:00 | 0.00                         |
| 03/01/94 11:15 | 0.00                         |
| 03/06/94 04:30 | 0.00                         |
| 03/06/94 04:45 | 0.00                         |
| 03/06/94 05:00 | 0.00                         |
| 03/06/94 05:30 | 0.00                         |
| 03/08/94 07:15 | 0.00                         |
| 03/09/94 07:00 | 0.09                         |
| 03/13/94 03:30 | 0.00                         |
| 03/13/94 03:45 | 0.00                         |
| 03/13/94 04:00 | 0.00                         |
| 03/13/94 04:15 | 0.00                         |
| 03/13/94 04:30 | 0.00                         |
| 03/25/94 07:15 | 0.00                         |
| 03/26/94 07:00 | 0.01                         |
| 04/01/94 00:15 | 0.00                         |
| 04/02/94 19:45 | 0.00                         |
| 04/02/94 20:00 | 0.00                         |
| 04/02/94 20:15 | 0.01                         |
| 04/02/94 20:30 | 0.02                         |
| 04/02/94 20:45 | 0.01                         |
| 04/02/94 21:00 | 0.00                         |
| 04/11/94 12:00 | 0.01                         |
| 04/11/94 12:15 | 0.00                         |
| 04/11/94 12:30 | 0.00                         |
| 04/11/94 13:30 | 0.00                         |
| 04/11/94 14:00 | 0.00                         |
| 04/21/94 16:15 | 0.00                         |
| 04/21/94 16:30 | 0.00                         |
| 04/21/94 16:45 | 0.00                         |
| 04/21/94 17:00 | 0.00                         |
| 04/22/94 13:00 | 0.00                         |
| 04/22/94 13:30 | 0.02                         |
| 04/22/94 13:45 | 0.03                         |
| 04/22/94 14:00 | 0.01                         |
| 04/22/94 14:15 | 0.00                         |
| 04/25/94 17:45 | 0.02                         |
| 04/25/94 18:00 | 0.02                         |
| 04/25/94 18:15 | 0.01                         |
| 04/25/94 18:30 | 0.04                         |
| 04/25/94 18:45 | 0.01                         |
| 04/29/94 03:15 | 0.00                         |
| 04/29/94 04:00 | 0.00                         |
| 04/29/94 04:30 | 0.00                         |
| 04/29/94 05:00 | 0.00                         |
| 04/29/94 06:15 | 0.00                         |
| 04/29/94 06:45 | 0.00                         |
| 04/29/94 07:15 | 0.00                         |
| 04/29/94 07:30 | 0.00                         |
| 04/29/94 08:00 | 0.00                         |
| 04/29/94 08:30 | 0.00                         |
| 04/29/94 10:15 | 0.00                         |
| 04/29/94 10:30 | 0.00                         |
| 04/29/94 10:45 | 0.00                         |
| 04/29/94 11:00 | 0.00                         |
| 04/29/94 11:15 | 0.00                         |
| 04/29/94 11:30 | 0.00                         |
| 04/29/94 11:45 | 0.00                         |
| 04/29/94 12:00 | 0.00                         |
| 04/29/94 12:15 | 0.00                         |
| 04/29/94 12:30 | 0.00                         |
| 04/29/94 12:45 | 0.00                         |
| 04/29/94 13:00 | 0.00                         |
| 04/29/94 13:45 | 0.00                         |
| 04/29/94 20:30 | 0.00                         |
| 04/29/94 20:45 | 0.00                         |
| 04/29/94 21:00 | 0.00                         |
| 04/29/94 21:15 | 0.01                         |
| 04/29/94 21:30 | 0.00                         |
| 04/29/94 21:45 | 0.01                         |
| 04/29/94 22:00 | 0.01                         |
| 04/29/94 22:15 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 04/29/94 22:30 | 0.01                         |
| 04/29/94 22:45 | 0.01                         |
| 04/29/94 23:00 | 0.01                         |
| 04/29/94 23:15 | 0.01                         |
| 04/29/94 23:30 | 0.01                         |
| 04/29/94 23:45 | 0.01                         |
| 04/30/94 00:15 | 0.01                         |
| 04/30/94 00:30 | 0.00                         |
| 04/30/94 01:00 | 0.00                         |
| 05/01/94 00:15 | 0.00                         |
| 05/02/94 01:45 | 0.00                         |
| 05/02/94 03:30 | 0.00                         |
| 05/02/94 03:45 | 0.00                         |
| 05/02/94 04:00 | 0.00                         |
| 05/02/94 13:45 | 0.00                         |
| 05/02/94 14:00 | 0.00                         |
| 05/02/94 14:15 | 0.01                         |
| 05/02/94 14:30 | 0.01                         |
| 05/02/94 14:45 | 0.00                         |
| 05/02/94 15:00 | 0.00                         |
| 05/02/94 15:15 | 0.01                         |
| 05/02/94 15:30 | 0.00                         |
| 05/02/94 15:45 | 0.00                         |
| 05/02/94 16:00 | 0.00                         |
| 05/02/94 16:15 | 0.01                         |
| 05/02/94 16:30 | 0.00                         |
| 05/02/94 16:45 | 0.01                         |
| 05/02/94 17:00 | 0.00                         |
| 05/02/94 17:15 | 0.00                         |
| 05/02/94 17:30 | 0.00                         |
| 05/02/94 18:00 | 0.00                         |
| 05/02/94 18:45 | 0.00                         |
| 05/02/94 19:15 | 0.00                         |
| 05/02/94 20:00 | 0.00                         |
| 05/02/94 20:15 | 0.00                         |
| 05/02/94 20:45 | 0.00                         |
| 05/02/94 21:00 | 0.00                         |
| 05/02/94 22:15 | 0.00                         |
| 05/02/94 22:45 | 0.00                         |
| 05/02/94 23:45 | 0.00                         |
| 05/07/94 11:45 | 0.00                         |
| 05/07/94 12:00 | 0.00                         |
| 05/07/94 12:15 | 0.00                         |
| 05/07/94 12:30 | 0.00                         |
| 05/07/94 12:45 | 0.00                         |
| 05/07/94 13:00 | 0.00                         |
| 05/09/94 12:00 | 0.00                         |
| 05/09/94 12:15 | 0.00                         |
| 05/09/94 12:30 | 0.00                         |
| 05/09/94 12:45 | 0.00                         |
| 05/09/94 13:00 | 0.00                         |
| 05/09/94 13:15 | 0.01                         |
| 05/09/94 13:30 | 0.00                         |
| 05/09/94 13:45 | 0.00                         |
| 05/09/94 14:30 | 0.00                         |
| 05/09/94 15:00 | 0.00                         |
| 05/10/94 19:15 | 0.00                         |
| 05/10/94 19:45 | 0.00                         |
| 05/10/94 20:00 | 0.00                         |
| 05/10/94 20:15 | 0.00                         |
| 05/10/94 20:30 | 0.00                         |
| 05/10/94 20:45 | 0.00                         |
| 05/10/94 21:00 | 0.00                         |
| 05/10/94 21:15 | 0.00                         |
| 05/10/94 21:30 | 0.00                         |
| 05/10/94 21:45 | 0.00                         |
| 05/10/94 22:00 | 0.00                         |
| 05/10/94 22:15 | 0.00                         |
| 05/10/94 22:30 | 0.00                         |
| 05/10/94 22:45 | 0.00                         |
| 05/10/94 23:00 | 0.00                         |
| 05/11/94 20:30 | 0.00                         |
| 05/11/94 20:45 | 0.03                         |
| 05/11/94 21:00 | 0.06                         |
| 05/11/94 21:15 | 0.01                         |
| 05/11/94 21:30 | 0.01                         |
| 05/11/94 21:45 | 0.01                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 05/11/94 22:00 | 0.02                         |
| 05/11/94 22:15 | 0.03                         |
| 05/11/94 22:30 | 0.02                         |
| 05/11/94 22:45 | 0.01                         |
| 05/11/94 23:00 | 0.01                         |
| 05/11/94 23:15 | 0.00                         |
| 05/11/94 23:30 | 0.00                         |
| 05/11/94 23:45 | 0.00                         |
| 05/12/94 00:15 | 0.00                         |
| 05/12/94 00:30 | 0.00                         |
| 05/12/94 00:45 | 0.00                         |
| 05/12/94 01:00 | 0.00                         |
| 05/12/94 01:30 | 0.00                         |
| 05/12/94 03:15 | 0.00                         |
| 05/12/94 03:45 | 0.00                         |
| 05/12/94 04:15 | 0.00                         |
| 05/12/94 04:45 | 0.00                         |
| 05/12/94 05:30 | 0.00                         |
| 05/12/94 05:45 | 0.00                         |
| 05/12/94 06:00 | 0.00                         |
| 05/13/94 04:45 | 0.03                         |
| 05/13/94 05:00 | 0.02                         |
| 05/13/94 05:15 | 0.01                         |
| 05/13/94 05:30 | 0.00                         |
| 05/13/94 05:45 | 0.00                         |
| 05/13/94 06:00 | 0.01                         |
| 05/13/94 06:15 | 0.01                         |
| 05/13/94 06:30 | 0.00                         |
| 05/13/94 06:45 | 0.00                         |
| 05/14/94 18:00 | 0.00                         |
| 05/14/94 18:30 | 0.00                         |
| 05/14/94 18:45 | 0.00                         |
| 05/14/94 19:00 | 0.00                         |
| 05/25/94 02:00 | 0.00                         |
| 05/25/94 02:15 | 0.00                         |
| 05/25/94 02:30 | 0.00                         |
| 05/25/94 04:15 | 0.00                         |
| 05/25/94 05:00 | 0.00                         |
| 05/25/94 05:15 | 0.00                         |
| 05/26/94 00:30 | 0.00                         |
| 05/26/94 00:45 | 0.00                         |
| 05/26/94 01:30 | 0.00                         |
| 05/26/94 02:00 | 0.00                         |
| 05/26/94 02:15 | 0.00                         |
| 05/26/94 02:30 | 0.00                         |
| 05/26/94 02:45 | 0.00                         |
| 05/26/94 03:00 | 0.00                         |
| 05/26/94 03:15 | 0.00                         |
| 05/26/94 03:45 | 0.00                         |
| 05/27/94 07:15 | 0.00                         |
| 05/27/94 07:30 | 0.00                         |
| 05/27/94 07:45 | 0.00                         |
| 05/27/94 08:00 | 0.00                         |
| 05/29/94 08:45 | 0.00                         |
| 05/29/94 09:00 | 0.01                         |
| 05/29/94 09:15 | 0.05                         |
| 05/29/94 09:30 | 0.03                         |
| 05/29/94 09:45 | 0.01                         |
| 05/29/94 10:00 | 0.00                         |
| 05/29/94 10:30 | 0.00                         |
| 05/29/94 10:45 | 0.00                         |
| 05/29/94 11:00 | 0.00                         |
| 06/01/94 00:15 | 0.00                         |
| 06/10/94 09:45 | 0.01                         |
| 06/10/94 10:00 | 0.00                         |
| 06/10/94 10:45 | 0.00                         |
| 06/10/94 12:15 | 0.01                         |
| 06/10/94 12:30 | 0.02                         |
| 06/10/94 12:45 | 0.01                         |
| 06/11/94 12:30 | 0.00                         |
| 06/11/94 12:45 | 0.01                         |
| 06/11/94 13:00 | 0.01                         |
| 06/11/94 13:15 | 0.01                         |
| 06/11/94 13:30 | 0.00                         |
| 06/11/94 13:45 | 0.00                         |
| 06/11/94 14:00 | 0.00                         |
| 06/11/94 14:15 | 0.00                         |



| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 06/11/94 14:30 | 0.00                         |
| 06/11/94 14:45 | 0.00                         |
| 06/11/94 15:00 | 0.00                         |
| 06/11/94 15:15 | 0.00                         |
| 06/15/94 05:00 | 0.00                         |
| 06/15/94 11:00 | 0.07                         |
| 06/15/94 11:45 | 0.00                         |
| 06/15/94 12:00 | 0.00                         |
| 06/15/94 12:15 | 0.00                         |
| 06/15/94 12:30 | 0.00                         |
| 06/15/94 12:45 | 0.00                         |
| 06/19/94 04:15 | 0.00                         |
| 06/23/94 16:15 | 0.00                         |
| 06/23/94 16:30 | 0.00                         |
| 06/29/94 03:45 | 0.00                         |
| 06/29/94 04:30 | 0.00                         |
| 06/29/94 05:00 | 0.00                         |
| 06/30/94 01:00 | 0.00                         |
| 06/30/94 02:15 | 0.00                         |
| 06/30/94 04:30 | 0.00                         |
| 06/30/94 04:45 | 0.04                         |
| 06/30/94 05:00 | 0.01                         |
| 06/30/94 05:15 | 0.00                         |
| 06/30/94 05:30 | 0.00                         |
| 06/30/94 05:45 | 0.00                         |
| 06/30/94 06:00 | 0.00                         |
| 07/01/94 00:15 | 0.00                         |
| 07/08/94 01:30 | 0.01                         |
| 07/08/94 01:45 | 0.01                         |
| 07/08/94 02:00 | 0.04                         |
| 07/08/94 02:15 | 0.03                         |
| 07/08/94 02:30 | 0.02                         |
| 07/08/94 02:45 | 0.01                         |
| 07/08/94 03:00 | 0.00                         |
| 07/08/94 03:15 | 0.00                         |
| 07/08/94 04:00 | 0.00                         |
| 07/09/94 09:15 | 0.00                         |
| 07/09/94 10:15 | 0.00                         |
| 07/09/94 10:45 | 0.01                         |
| 07/09/94 11:00 | 0.08                         |
| 07/09/94 11:15 | 0.02                         |
| 07/09/94 11:30 | 0.00                         |
| 07/09/94 11:45 | 0.00                         |
| 07/09/94 12:00 | 0.00                         |
| 07/09/94 12:30 | 0.00                         |
| 07/10/94 15:30 | 0.04                         |
| 07/10/94 15:45 | 0.02                         |
| 07/10/94 16:30 | 0.00                         |
| 07/10/94 17:15 | 0.00                         |
| 07/10/94 17:30 | 0.00                         |
| 07/10/94 17:45 | 0.01                         |
| 07/10/94 18:00 | 0.02                         |
| 07/10/94 18:15 | 0.03                         |
| 07/10/94 18:30 | 0.02                         |
| 07/10/94 18:45 | 0.01                         |
| 07/10/94 19:00 | 0.01                         |
| 07/10/94 19:15 | 0.00                         |
| 07/10/94 19:30 | 0.00                         |
| 07/10/94 19:45 | 0.04                         |
| 07/10/94 20:00 | 0.07                         |
| 07/10/94 20:15 | 0.06                         |
| 07/10/94 20:30 | 0.03                         |
| 07/10/94 20:45 | 0.02                         |
| 07/10/94 21:00 | 0.01                         |
| 07/10/94 21:15 | 0.00                         |
| 07/10/94 21:30 | 0.00                         |
| 07/10/94 21:45 | 0.00                         |
| 07/10/94 22:00 | 0.00                         |
| 07/10/94 22:15 | 0.00                         |
| 07/10/94 22:30 | 0.00                         |
| 07/10/94 22:45 | 0.00                         |
| 07/10/94 23:00 | 0.00                         |
| 07/10/94 23:15 | 0.00                         |
| 07/10/94 23:30 | 0.00                         |
| 07/10/94 23:45 | 0.00                         |
| 07/11/94 00:15 | 0.00                         |
| 07/11/94 00:30 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 07/11/94 00:45 | 0.00                         |
| 07/11/94 01:00 | 0.00                         |
| 07/11/94 01:15 | 0.00                         |
| 07/11/94 01:30 | 0.00                         |
| 07/11/94 01:45 | 0.00                         |
| 07/11/94 02:00 | 0.00                         |
| 07/11/94 02:15 | 0.00                         |
| 07/11/94 02:30 | 0.00                         |
| 07/11/94 02:45 | 0.00                         |
| 07/11/94 03:00 | 0.00                         |
| 07/11/94 03:15 | 0.00                         |
| 07/11/94 03:30 | 0.00                         |
| 07/11/94 03:45 | 0.00                         |
| 07/11/94 04:00 | 0.00                         |
| 07/11/94 04:15 | 0.00                         |
| 07/11/94 11:00 | 0.03                         |
| 07/12/94 08:45 | 0.00                         |
| 07/12/94 09:15 | 0.00                         |
| 07/12/94 09:30 | 0.00                         |
| 07/12/94 09:45 | 0.00                         |
| 07/12/94 11:15 | 0.00                         |
| 07/12/94 11:30 | 0.00                         |
| 07/12/94 19:15 | 0.00                         |
| 07/12/94 19:30 | 0.00                         |
| 07/12/94 19:45 | 0.02                         |
| 07/12/94 20:00 | 0.06                         |
| 07/12/94 20:15 | 0.02                         |
| 07/12/94 20:30 | 0.00                         |
| 07/12/94 20:45 | 0.00                         |
| 07/12/94 21:15 | 0.00                         |
| 07/12/94 21:45 | 0.00                         |
| 07/12/94 22:00 | 0.00                         |
| 07/12/94 22:15 | 0.00                         |
| 07/12/94 22:30 | 0.00                         |
| 07/12/94 23:00 | 0.00                         |
| 07/14/94 14:00 | 0.00                         |
| 07/14/94 14:30 | 0.00                         |
| 07/14/94 14:45 | 0.00                         |
| 07/14/94 15:00 | 0.02                         |
| 07/14/94 15:15 | 0.00                         |
| 07/14/94 15:30 | 0.00                         |
| 07/14/94 15:45 | 0.00                         |
| 07/14/94 19:30 | 0.00                         |
| 07/14/94 19:45 | 0.00                         |
| 07/14/94 20:15 | 0.00                         |
| 07/14/94 20:45 | 0.00                         |
| 07/14/94 21:15 | 0.00                         |
| 07/14/94 21:30 | 0.00                         |
| 07/14/94 21:45 | 0.02                         |
| 07/14/94 22:00 | 0.01                         |
| 07/14/94 22:15 | 0.00                         |
| 07/14/94 22:30 | 0.00                         |
| 07/14/94 22:45 | 0.01                         |
| 07/14/94 23:00 | 0.02                         |
| 07/14/94 23:15 | 0.03                         |
| 07/14/94 23:30 | 0.01                         |
| 07/14/94 23:45 | 0.00                         |
| 07/15/94 00:30 | 0.00                         |
| 07/15/94 00:45 | 0.00                         |
| 07/15/94 01:00 | 0.00                         |
| 07/21/94 01:00 | 0.00                         |
| 07/21/94 01:15 | 0.01                         |
| 07/21/94 01:30 | 0.00                         |
| 07/21/94 01:45 | 0.00                         |
| 07/21/94 02:00 | 0.00                         |
| 07/30/94 04:15 | 0.01                         |
| 07/30/94 04:30 | 0.01                         |
| 07/30/94 04:45 | 0.00                         |
| 07/30/94 05:00 | 0.00                         |
| 07/30/94 07:30 | 0.00                         |
| 07/30/94 07:45 | 0.00                         |
| 07/30/94 08:00 | 0.00                         |
| 07/30/94 08:45 | 0.00                         |
| 07/30/94 09:00 | 0.00                         |
| 08/01/94 00:15 | 0.00                         |
| 08/07/94 12:30 | 0.00                         |
| 08/07/94 12:45 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 08/07/94 13:00 | 0.06                         |
| 08/07/94 13:15 | 0.08                         |
| 08/07/94 13:30 | 0.02                         |
| 08/07/94 14:15 | 0.00                         |
| 08/07/94 14:30 | 0.01                         |
| 08/07/94 14:45 | 0.05                         |
| 08/07/94 15:00 | 0.06                         |
| 08/07/94 15:15 | 0.02                         |
| 08/07/94 15:30 | 0.01                         |
| 08/07/94 15:45 | 0.00                         |
| 08/07/94 16:00 | 0.00                         |
| 08/07/94 16:15 | 0.00                         |
| 08/07/94 17:00 | 0.01                         |
| 08/07/94 17:15 | 0.00                         |
| 08/07/94 17:45 | 0.00                         |
| 08/07/94 18:00 | 0.00                         |
| 08/14/94 07:00 | 0.00                         |
| 08/15/94 07:00 | 0.06                         |
| 08/20/94 15:45 | 0.00                         |
| 08/20/94 16:15 | 0.00                         |
| 08/20/94 16:30 | 0.01                         |
| 08/20/94 16:45 | 0.07                         |
| 08/20/94 17:00 | 0.02                         |
| 08/20/94 17:15 | 0.01                         |
| 08/20/94 17:30 | 0.03                         |
| 08/20/94 17:45 | 0.01                         |
| 08/20/94 18:00 | 0.00                         |
| 08/20/94 18:30 | 0.00                         |
| 08/20/94 19:30 | 0.00                         |
| 08/20/94 19:45 | 0.00                         |
| 08/31/94 07:00 | 0.00                         |
| 09/01/94 00:15 | 0.00                         |
| 09/01/94 01:00 | 0.00                         |
| 09/01/94 01:30 | 0.00                         |
| 09/01/94 02:15 | 0.00                         |
| 09/01/94 03:00 | 0.00                         |
| 09/01/94 03:45 | 0.00                         |
| 09/01/94 04:00 | 0.00                         |
| 09/01/94 11:00 | 0.00                         |
| 09/01/94 11:15 | 0.01                         |
| 09/01/94 11:30 | 0.02                         |
| 09/01/94 11:45 | 0.00                         |
| 09/01/94 12:00 | 0.00                         |
| 09/01/94 12:15 | 0.00                         |
| 09/01/94 12:30 | 0.00                         |
| 09/01/94 12:45 | 0.01                         |
| 09/01/94 13:00 | 0.01                         |
| 09/01/94 13:15 | 0.01                         |
| 09/01/94 13:30 | 0.00                         |
| 09/01/94 13:45 | 0.00                         |
| 09/01/94 14:00 | 0.00                         |
| 09/01/94 14:45 | 0.00                         |
| 09/01/94 15:00 | 0.00                         |
| 09/02/94 09:00 | 0.00                         |
| 09/02/94 09:15 | 0.01                         |
| 09/02/94 09:30 | 0.01                         |
| 09/02/94 09:45 | 0.00                         |
| 09/02/94 10:00 | 0.00                         |
| 09/02/94 10:15 | 0.00                         |
| 09/02/94 10:30 | 0.01                         |
| 09/02/94 10:45 | 0.02                         |
| 09/02/94 11:00 | 0.02                         |
| 09/02/94 11:15 | 0.02                         |
| 09/02/94 11:30 | 0.01                         |
| 09/02/94 11:45 | 0.00                         |
| 09/02/94 12:00 | 0.00                         |
| 09/02/94 12:15 | 0.00                         |
| 09/02/94 12:30 | 0.00                         |
| 09/02/94 12:45 | 0.00                         |
| 09/02/94 13:00 | 0.00                         |
| 09/08/94 13:30 | 0.00                         |
| 09/08/94 13:45 | 0.00                         |
| 09/08/94 14:00 | 0.01                         |
| 09/22/94 09:15 | 0.00                         |
| 09/22/94 09:45 | 0.00                         |
| 09/22/94 10:00 | 0.00                         |
| 09/22/94 10:15 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 09/22/94 10:30 | 0.00                         |
| 09/22/94 11:15 | 0.00                         |
| 09/22/94 11:30 | 0.00                         |
| 09/22/94 11:45 | 0.00                         |
| 11/01/94 00:15 | 0.00                         |
| 11/03/94 00:15 | 0.00                         |
| 11/03/94 00:45 | 0.00                         |
| 11/03/94 01:00 | 0.00                         |
| 11/03/94 13:30 | 0.00                         |
| 11/03/94 13:45 | 0.00                         |
| 11/03/94 14:00 | 0.00                         |
| 11/04/94 15:30 | 0.00                         |
| 11/04/94 15:45 | 0.00                         |
| 11/04/94 16:30 | 0.00                         |
| 11/04/94 17:30 | 0.00                         |
| 11/04/94 18:15 | 0.00                         |
| 11/04/94 18:45 | 0.00                         |
| 11/04/94 19:15 | 0.00                         |
| 11/04/94 20:00 | 0.00                         |
| 11/04/94 21:00 | 0.00                         |
| 11/04/94 21:15 | 0.01                         |
| 11/04/94 21:30 | 0.03                         |
| 11/04/94 21:45 | 0.01                         |
| 11/04/94 22:00 | 0.01                         |
| 11/04/94 22:15 | 0.02                         |
| 11/04/94 22:30 | 0.02                         |
| 11/04/94 22:45 | 0.01                         |
| 11/04/94 23:00 | 0.00                         |
| 11/04/94 23:15 | 0.00                         |
| 11/04/94 23:45 | 0.00                         |
| 11/05/94 00:15 | 0.00                         |
| 11/05/94 00:30 | 0.01                         |
| 11/05/94 00:45 | 0.01                         |
| 11/05/94 01:00 | 0.01                         |
| 11/05/94 01:15 | 0.01                         |
| 11/05/94 01:30 | 0.01                         |
| 11/05/94 01:45 | 0.01                         |
| 11/05/94 02:00 | 0.01                         |
| 11/05/94 02:15 | 0.00                         |
| 11/05/94 02:30 | 0.00                         |
| 11/05/94 03:00 | 0.00                         |
| 11/09/94 04:45 | 0.00                         |
| 11/09/94 05:45 | 0.00                         |
| 11/09/94 06:00 | 0.01                         |
| 11/09/94 06:15 | 0.01                         |
| 11/09/94 06:30 | 0.01                         |
| 11/09/94 06:45 | 0.01                         |
| 11/09/94 07:00 | 0.00                         |
| 11/09/94 07:15 | 0.00                         |
| 11/09/94 08:00 | 0.00                         |
| 11/09/94 08:15 | 0.01                         |
| 11/09/94 08:30 | 0.00                         |
| 11/09/94 09:15 | 0.00                         |
| 11/09/94 09:45 | 0.00                         |
| 11/09/94 10:00 | 0.00                         |
| 11/09/94 10:15 | 0.00                         |
| 11/09/94 10:30 | 0.00                         |
| 11/09/94 10:45 | 0.00                         |
| 11/09/94 11:30 | 0.00                         |
| 11/09/94 12:15 | 0.00                         |
| 11/09/94 12:30 | 0.00                         |
| 11/09/94 12:45 | 0.00                         |
| 11/09/94 13:00 | 0.00                         |
| 11/09/94 13:30 | 0.00                         |
| 11/14/94 01:45 | 0.00                         |
| 11/14/94 02:15 | 0.00                         |
| 11/14/94 02:45 | 0.00                         |
| 11/14/94 03:15 | 0.00                         |
| 11/14/94 04:15 | 0.00                         |
| 11/14/94 07:45 | 0.00                         |
| 11/14/94 10:15 | 0.01                         |
| 11/14/94 10:30 | 0.01                         |
| 11/14/94 10:45 | 0.01                         |
| 11/14/94 11:00 | 0.01                         |
| 11/14/94 11:15 | 0.01                         |
| 11/14/94 11:30 | 0.00                         |
| 11/14/94 11:45 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 11/14/94 12:00 | 0.00                         |
| 11/14/94 13:00 | 0.00                         |
| 11/14/94 13:15 | 0.00                         |
| 11/14/94 13:30 | 0.00                         |
| 11/14/94 13:45 | 0.00                         |
| 11/14/94 14:00 | 0.00                         |
| 11/14/94 14:15 | 0.00                         |
| 11/14/94 14:30 | 0.00                         |
| 11/14/94 14:45 | 0.00                         |
| 11/14/94 15:00 | 0.02                         |
| 11/14/94 15:15 | 0.01                         |
| 11/14/94 15:30 | 0.01                         |
| 11/14/94 15:45 | 0.01                         |
| 11/14/94 16:00 | 0.00                         |
| 11/14/94 16:15 | 0.00                         |
| 11/14/94 16:30 | 0.00                         |
| 11/14/94 16:45 | 0.01                         |
| 11/14/94 17:00 | 0.00                         |
| 11/14/94 17:15 | 0.00                         |
| 11/14/94 17:30 | 0.00                         |
| 11/14/94 17:45 | 0.00                         |
| 11/14/94 18:00 | 0.00                         |
| 11/14/94 18:15 | 0.00                         |
| 11/14/94 18:30 | 0.00                         |
| 11/14/94 18:45 | 0.00                         |
| 11/14/94 19:00 | 0.00                         |
| 11/14/94 19:15 | 0.00                         |
| 11/14/94 19:30 | 0.00                         |
| 11/14/94 19:45 | 0.00                         |
| 11/14/94 20:00 | 0.01                         |
| 11/14/94 20:15 | 0.01                         |
| 11/14/94 20:30 | 0.01                         |
| 11/14/94 20:45 | 0.01                         |
| 11/14/94 21:00 | 0.01                         |
| 11/14/94 21:15 | 0.00                         |
| 11/14/94 21:30 | 0.00                         |
| 11/14/94 21:45 | 0.00                         |
| 11/14/94 22:00 | 0.00                         |
| 11/14/94 22:15 | 0.00                         |
| 11/14/94 22:30 | 0.00                         |
| 11/14/94 22:45 | 0.00                         |
| 11/14/94 23:00 | 0.00                         |
| 11/14/94 23:15 | 0.01                         |
| 11/14/94 23:30 | 0.01                         |
| 11/14/94 23:45 | 0.00                         |
| 11/15/94 00:15 | 0.00                         |
| 11/15/94 00:30 | 0.00                         |
| 11/15/94 00:45 | 0.00                         |
| 11/15/94 01:00 | 0.00                         |
| 11/15/94 01:15 | 0.00                         |
| 11/15/94 01:30 | 0.00                         |
| 11/15/94 01:45 | 0.00                         |
| 11/15/94 02:00 | 0.00                         |
| 11/15/94 02:15 | 0.00                         |
| 11/15/94 02:30 | 0.00                         |
| 11/15/94 02:45 | 0.00                         |
| 11/15/94 03:15 | 0.00                         |
| 11/15/94 03:45 | 0.00                         |
| 11/15/94 06:15 | 0.00                         |
| 11/15/94 06:30 | 0.00                         |
| 11/15/94 06:45 | 0.00                         |
| 11/15/94 07:00 | 0.00                         |
| 11/18/94 21:00 | 0.00                         |
| 11/18/94 21:30 | 0.00                         |
| 11/18/94 21:45 | 0.00                         |
| 11/18/94 22:00 | 0.00                         |
| 11/18/94 22:15 | 0.01                         |
| 11/18/94 22:30 | 0.00                         |
| 11/18/94 22:45 | 0.00                         |
| 11/18/94 23:00 | 0.00                         |
| 11/18/94 23:15 | 0.00                         |
| 11/19/94 00:15 | 0.00                         |
| 11/19/94 00:30 | 0.00                         |
| 11/19/94 01:00 | 0.00                         |
| 11/19/94 01:30 | 0.00                         |
| 11/19/94 02:00 | 0.00                         |
| 11/20/94 04:15 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 11/20/94 04:45 | 0.00                         |
| 11/20/94 05:00 | 0.00                         |
| 11/20/94 05:15 | 0.00                         |
| 11/20/94 05:30 | 0.00                         |
| 11/20/94 05:45 | 0.00                         |
| 11/20/94 06:00 | 0.00                         |
| 11/20/94 06:15 | 0.00                         |
| 11/20/94 06:30 | 0.00                         |
| 11/20/94 06:45 | 0.00                         |
| 11/20/94 07:00 | 0.00                         |
| 11/20/94 07:30 | 0.01                         |
| 11/20/94 07:45 | 0.01                         |
| 11/20/94 08:00 | 0.01                         |
| 11/20/94 08:15 | 0.01                         |
| 11/20/94 08:30 | 0.01                         |
| 11/20/94 08:45 | 0.01                         |
| 11/20/94 09:00 | 0.00                         |
| 11/20/94 09:45 | 0.00                         |
| 11/20/94 10:15 | 0.00                         |
| 11/20/94 10:45 | 0.00                         |
| 11/24/94 03:00 | 0.00                         |
| 11/24/94 03:45 | 0.00                         |
| 11/24/94 04:15 | 0.00                         |
| 11/24/94 05:00 | 0.00                         |
| 11/24/94 05:30 | 0.00                         |
| 11/24/94 06:00 | 0.00                         |
| 12/01/94 00:15 | 0.00                         |
| 12/02/94 15:30 | 0.00                         |
| 12/02/94 15:45 | 0.00                         |
| 12/02/94 16:00 | 0.00                         |
| 12/08/94 08:15 | 0.00                         |
| 12/08/94 08:30 | 0.01                         |
| 12/08/94 08:45 | 0.00                         |
| 12/08/94 09:00 | 0.01                         |
| 12/08/94 09:15 | 0.01                         |
| 12/08/94 09:30 | 0.00                         |
| 12/08/94 09:45 | 0.00                         |
| 12/08/94 15:45 | 0.00                         |
| 12/08/94 16:15 | 0.00                         |
| 12/08/94 16:45 | 0.00                         |
| 12/08/94 17:45 | 0.00                         |
| 12/08/94 19:45 | 0.00                         |
| 12/08/94 20:15 | 0.00                         |
| 12/08/94 20:45 | 0.00                         |
| 12/08/94 21:15 | 0.00                         |
| 12/08/94 22:00 | 0.00                         |
| 12/08/94 22:45 | 0.00                         |
| 12/08/94 23:45 | 0.00                         |
| 12/09/94 01:30 | 0.00                         |
| 12/09/94 02:15 | 0.00                         |
| 12/09/94 03:00 | 0.00                         |
| 12/09/94 04:00 | 0.00                         |
| 12/09/94 05:15 | 0.00                         |
| 12/09/94 06:15 | 0.00                         |
| 12/09/94 06:45 | 0.00                         |
| 12/09/94 11:00 | 0.00                         |
| 12/09/94 11:15 | 0.00                         |
| 12/09/94 11:30 | 0.00                         |
| 12/09/94 11:45 | 0.00                         |
| 12/09/94 12:00 | 0.00                         |
| 12/09/94 12:15 | 0.00                         |
| 12/09/94 12:30 | 0.00                         |
| 12/09/94 12:45 | 0.00                         |
| 12/09/94 13:00 | 0.00                         |
| 12/09/94 13:15 | 0.00                         |
| 12/09/94 13:30 | 0.00                         |
| 12/09/94 14:00 | 0.00                         |
| 12/09/94 14:45 | 0.00                         |
| 12/09/94 15:00 | 0.00                         |
| 12/09/94 15:15 | 0.00                         |
| 12/09/94 15:30 | 0.00                         |
| 12/09/94 15:45 | 0.00                         |
| 12/09/94 16:00 | 0.00                         |
| 12/09/94 16:15 | 0.00                         |
| 12/09/94 16:30 | 0.00                         |
| 12/09/94 16:45 | 0.00                         |
| 12/09/94 17:00 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 12/09/94 17:15 | 0.00                         |
| 12/09/94 17:30 | 0.00                         |
| 12/09/94 17:45 | 0.00                         |
| 12/09/94 18:00 | 0.00                         |
| 12/09/94 18:15 | 0.00                         |
| 12/09/94 18:30 | 0.00                         |
| 12/09/94 18:45 | 0.00                         |
| 12/09/94 19:00 | 0.00                         |
| 12/09/94 19:15 | 0.00                         |
| 12/09/94 19:30 | 0.00                         |
| 12/09/94 19:45 | 0.00                         |
| 12/09/94 20:00 | 0.00                         |
| 12/09/94 20:15 | 0.00                         |
| 12/09/94 21:00 | 0.00                         |
| 12/09/94 21:45 | 0.00                         |
| 12/09/94 22:15 | 0.00                         |
| 12/09/94 22:45 | 0.00                         |
| 12/13/94 23:00 | 0.00                         |
| 12/13/94 23:45 | 0.00                         |
| 12/14/94 00:30 | 0.00                         |
| 12/14/94 01:00 | 0.00                         |
| 12/14/94 02:15 | 0.00                         |
| 12/14/94 02:30 | 0.00                         |
| 12/14/94 02:45 | 0.00                         |
| 12/14/94 03:00 | 0.00                         |
| 12/14/94 19:45 | 0.00                         |
| 12/14/94 20:00 | 0.00                         |
| 12/15/94 23:00 | 0.00                         |
| 12/15/94 23:30 | 0.00                         |
| 12/16/94 00:45 | 0.00                         |
| 12/27/94 20:45 | 0.00                         |
| 12/27/94 21:00 | 0.00                         |
| 12/27/94 21:15 | 0.00                         |
| 12/27/94 21:30 | 0.00                         |
| 12/27/94 21:45 | 0.00                         |
| 12/27/94 22:00 | 0.00                         |
| 12/27/94 22:15 | 0.00                         |
| 12/27/94 22:30 | 0.00                         |
| 12/27/94 22:45 | 0.00                         |
| 12/27/94 23:00 | 0.00                         |
| 12/27/94 23:15 | 0.00                         |
| 12/27/94 23:30 | 0.00                         |
| 12/27/94 23:45 | 0.00                         |
| 12/28/94 00:15 | 0.00                         |
| 12/28/94 00:45 | 0.00                         |
| 12/28/94 01:15 | 0.00                         |
| 12/28/94 01:45 | 0.00                         |
| 12/28/94 14:30 | 0.00                         |
| 12/28/94 15:00 | 0.00                         |
| 12/28/94 15:15 | 0.00                         |
| 12/28/94 15:30 | 0.00                         |
| 12/28/94 15:45 | 0.00                         |
| 12/28/94 17:00 | 0.00                         |
| 12/28/94 17:30 | 0.00                         |
| 12/31/94 10:00 | 0.00                         |
| 12/31/94 10:15 | 0.00                         |
| 12/31/94 10:30 | 0.00                         |
| 12/31/94 10:45 | 0.00                         |
| 12/31/94 11:00 | 0.00                         |
| 12/31/94 11:15 | 0.00                         |
| 12/31/94 11:45 | 0.00                         |
| 12/31/94 12:00 | 0.00                         |
| 01/01/95 00:15 | 0.00                         |
| 01/03/95 04:00 | 0.00                         |
| 01/03/95 04:30 | 0.00                         |
| 01/03/95 05:00 | 0.00                         |
| 01/03/95 06:00 | 0.00                         |
| 01/06/95 00:45 | 0.00                         |
| 01/06/95 01:15 | 0.00                         |
| 01/06/95 02:45 | 0.00                         |
| 01/06/95 03:15 | 0.00                         |
| 01/06/95 03:30 | 0.00                         |
| 01/06/95 03:45 | 0.00                         |
| 01/06/95 04:00 | 0.00                         |
| 01/06/95 04:15 | 0.00                         |
| 01/06/95 04:30 | 0.00                         |
| 01/06/95 04:45 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 01/06/95 05:00 | 0.00                         |
| 01/12/95 18:30 | 0.01                         |
| 01/12/95 18:45 | 0.01                         |
| 01/12/95 19:00 | 0.00                         |
| 01/12/95 19:15 | 0.00                         |
| 01/12/95 19:30 | 0.00                         |
| 01/12/95 19:45 | 0.00                         |
| 01/12/95 20:00 | 0.00                         |
| 01/12/95 20:15 | 0.00                         |
| 01/12/95 20:30 | 0.00                         |
| 01/12/95 20:45 | 0.00                         |
| 01/12/95 21:00 | 0.00                         |
| 01/17/95 01:00 | 0.00                         |
| 01/17/95 01:30 | 0.00                         |
| 01/17/95 02:00 | 0.00                         |
| 01/18/95 03:15 | 0.00                         |
| 01/18/95 03:45 | 0.00                         |
| 01/18/95 04:15 | 0.00                         |
| 01/18/95 04:30 | 0.00                         |
| 01/18/95 04:45 | 0.00                         |
| 01/18/95 05:00 | 0.00                         |
| 01/18/95 05:15 | 0.00                         |
| 01/18/95 05:45 | 0.00                         |
| 01/18/95 06:15 | 0.00                         |
| 01/18/95 06:45 | 0.00                         |
| 01/18/95 07:45 | 0.00                         |
| 01/18/95 08:00 | 0.00                         |
| 01/18/95 08:15 | 0.00                         |
| 01/18/95 08:30 | 0.00                         |
| 01/18/95 08:45 | 0.00                         |
| 01/18/95 09:15 | 0.00                         |
| 01/18/95 09:45 | 0.00                         |
| 01/18/95 10:15 | 0.00                         |
| 01/18/95 10:45 | 0.00                         |
| 01/18/95 11:00 | 0.00                         |
| 01/18/95 11:15 | 0.00                         |
| 01/18/95 11:30 | 0.00                         |
| 01/18/95 11:45 | 0.00                         |
| 01/18/95 12:00 | 0.00                         |
| 01/18/95 12:15 | 0.00                         |
| 01/18/95 12:30 | 0.00                         |
| 01/18/95 12:45 | 0.00                         |
| 01/18/95 13:00 | 0.00                         |
| 01/18/95 13:15 | 0.00                         |
| 01/18/95 13:30 | 0.00                         |
| 01/18/95 13:45 | 0.00                         |
| 01/18/95 14:00 | 0.00                         |
| 01/18/95 14:15 | 0.00                         |
| 01/18/95 14:30 | 0.00                         |
| 01/18/95 14:45 | 0.00                         |
| 01/18/95 15:00 | 0.00                         |
| 01/22/95 08:45 | 0.00                         |
| 01/22/95 09:00 | 0.00                         |
| 01/22/95 09:15 | 0.00                         |
| 01/22/95 09:30 | 0.00                         |
| 01/22/95 09:45 | 0.00                         |
| 01/22/95 10:00 | 0.01                         |
| 01/22/95 10:15 | 0.01                         |
| 01/22/95 10:30 | 0.01                         |
| 01/22/95 10:45 | 0.01                         |
| 01/22/95 11:00 | 0.00                         |
| 01/26/95 10:30 | 0.00                         |
| 01/26/95 10:45 | 0.00                         |
| 01/26/95 11:00 | 0.02                         |
| 01/26/95 11:15 | 0.01                         |
| 01/26/95 11:30 | 0.00                         |
| 01/26/95 11:45 | 0.00                         |
| 01/26/95 12:00 | 0.00                         |
| 02/01/95 00:15 | 0.00                         |
| 02/11/95 03:00 | 0.00                         |
| 02/11/95 03:30 | 0.00                         |
| 02/11/95 04:00 | 0.00                         |
| 02/11/95 04:15 | 0.00                         |
| 02/11/95 04:30 | 0.00                         |
| 02/11/95 04:45 | 0.00                         |
| 02/11/95 05:00 | 0.00                         |
| 02/11/95 05:15 | 0.00                         |



| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 02/11/95 05:30 | 0.00                         |
| 02/11/95 05:45 | 0.00                         |
| 02/11/95 06:00 | 0.00                         |
| 02/11/95 06:15 | 0.00                         |
| 02/11/95 06:30 | 0.00                         |
| 02/11/95 06:45 | 0.00                         |
| 02/13/95 18:30 | 0.00                         |
| 02/13/95 18:45 | 0.00                         |
| 02/13/95 19:00 | 0.00                         |
| 02/14/95 01:00 | 0.00                         |
| 02/14/95 02:00 | 0.00                         |
| 02/16/95 02:30 | 0.00                         |
| 02/16/95 02:45 | 0.00                         |
| 02/16/95 03:00 | 0.00                         |
| 02/16/95 03:30 | 0.00                         |
| 02/28/95 08:45 | 0.00                         |
| 02/28/95 09:00 | 0.00                         |
| 02/28/95 09:15 | 0.01                         |
| 02/28/95 09:45 | 0.00                         |
| 02/28/95 10:00 | 0.00                         |
| 02/28/95 10:15 | 0.00                         |
| 02/28/95 10:30 | 0.00                         |
| 02/28/95 10:45 | 0.00                         |
| 02/28/95 11:00 | 0.00                         |
| 02/28/95 11:30 | 0.00                         |
| 02/28/95 11:45 | 0.00                         |
| 02/28/95 12:00 | 0.00                         |
| 03/01/95 00:15 | 0.00                         |
| 03/01/95 16:30 | 0.00                         |
| 03/01/95 16:45 | 0.00                         |
| 03/01/95 17:00 | 0.00                         |
| 03/01/95 17:15 | 0.00                         |
| 03/01/95 17:30 | 0.00                         |
| 03/01/95 17:45 | 0.00                         |
| 03/02/95 12:45 | 0.00                         |
| 03/02/95 13:15 | 0.00                         |
| 03/02/95 14:00 | 0.00                         |
| 03/02/95 15:45 | 0.00                         |
| 03/02/95 16:45 | 0.00                         |
| 03/02/95 17:30 | 0.00                         |
| 03/02/95 18:00 | 0.00                         |
| 03/02/95 18:30 | 0.00                         |
| 03/02/95 18:45 | 0.00                         |
| 03/02/95 19:00 | 0.00                         |
| 03/02/95 19:15 | 0.00                         |
| 03/02/95 19:45 | 0.00                         |
| 03/02/95 20:15 | 0.00                         |
| 03/02/95 20:45 | 0.00                         |
| 03/02/95 21:00 | 0.00                         |
| 03/07/95 00:30 | 0.00                         |
| 03/07/95 00:45 | 0.02                         |
| 03/07/95 01:00 | 0.01                         |
| 03/07/95 01:15 | 0.00                         |
| 03/07/95 01:30 | 0.00                         |
| 03/07/95 01:45 | 0.00                         |
| 03/07/95 02:00 | 0.00                         |
| 03/07/95 02:15 | 0.00                         |
| 03/07/95 02:30 | 0.00                         |
| 03/07/95 02:45 | 0.00                         |
| 03/07/95 03:00 | 0.00                         |
| 03/07/95 03:15 | 0.00                         |
| 03/07/95 03:45 | 0.00                         |
| 03/12/95 17:30 | 0.00                         |
| 03/12/95 18:15 | 0.00                         |
| 03/12/95 18:30 | 0.00                         |
| 03/12/95 18:45 | 0.01                         |
| 03/12/95 19:00 | 0.00                         |
| 03/12/95 19:15 | 0.01                         |
| 03/12/95 19:30 | 0.01                         |
| 03/12/95 19:45 | 0.01                         |
| 03/12/95 20:00 | 0.00                         |
| 03/12/95 20:15 | 0.00                         |
| 03/12/95 20:30 | 0.00                         |
| 03/12/95 20:45 | 0.00                         |
| 03/12/95 21:00 | 0.01                         |
| 03/12/95 21:15 | 0.00                         |
| 03/12/95 21:45 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 03/12/95 23:45 | 0.00                         |
| 03/13/95 00:15 | 0.00                         |
| 03/13/95 00:30 | 0.01                         |
| 03/13/95 00:45 | 0.03                         |
| 03/13/95 01:00 | 0.02                         |
| 03/13/95 01:15 | 0.02                         |
| 03/13/95 01:30 | 0.02                         |
| 03/13/95 01:45 | 0.02                         |
| 03/13/95 02:00 | 0.02                         |
| 03/13/95 02:15 | 0.01                         |
| 03/13/95 02:30 | 0.01                         |
| 03/13/95 02:45 | 0.01                         |
| 03/13/95 03:00 | 0.01                         |
| 03/13/95 03:15 | 0.01                         |
| 03/13/95 03:30 | 0.01                         |
| 03/13/95 03:45 | 0.01                         |
| 03/13/95 04:00 | 0.01                         |
| 03/13/95 04:15 | 0.01                         |
| 03/13/95 04:30 | 0.01                         |
| 03/13/95 04:45 | 0.00                         |
| 03/13/95 05:00 | 0.00                         |
| 03/13/95 05:15 | 0.00                         |
| 03/13/95 05:30 | 0.00                         |
| 03/13/95 05:45 | 0.00                         |
| 03/13/95 06:00 | 0.00                         |
| 03/13/95 06:15 | 0.00                         |
| 03/13/95 06:45 | 0.00                         |
| 03/13/95 07:00 | 0.00                         |
| 03/13/95 07:15 | 0.00                         |
| 03/13/95 07:30 | 0.01                         |
| 03/13/95 07:45 | 0.01                         |
| 03/13/95 08:00 | 0.01                         |
| 03/13/95 08:15 | 0.00                         |
| 03/13/95 08:30 | 0.00                         |
| 03/13/95 08:45 | 0.00                         |
| 03/13/95 15:00 | 0.00                         |
| 03/13/95 15:45 | 0.00                         |
| 03/13/95 16:15 | 0.00                         |
| 03/13/95 16:45 | 0.00                         |
| 03/13/95 17:30 | 0.00                         |
| 03/13/95 18:00 | 0.01                         |
| 03/13/95 18:15 | 0.01                         |
| 03/13/95 18:30 | 0.00                         |
| 03/13/95 18:45 | 0.00                         |
| 03/13/95 19:00 | 0.00                         |
| 03/13/95 19:15 | 0.00                         |
| 03/13/95 23:15 | 0.00                         |
| 03/14/95 01:30 | 0.00                         |
| 03/14/95 02:30 | 0.00                         |
| 03/14/95 03:00 | 0.00                         |
| 03/14/95 03:30 | 0.00                         |
| 03/14/95 04:00 | 0.00                         |
| 03/14/95 11:45 | 0.00                         |
| 03/14/95 12:30 | 0.00                         |
| 03/14/95 13:30 | 0.00                         |
| 03/14/95 14:45 | 0.00                         |
| 03/14/95 15:00 | 0.00                         |
| 03/14/95 15:15 | 0.00                         |
| 03/14/95 15:45 | 0.00                         |
| 03/15/95 03:30 | 0.00                         |
| 03/15/95 05:15 | 0.00                         |
| 03/15/95 05:30 | 0.00                         |
| 03/15/95 07:00 | 0.00                         |
| 03/15/95 07:30 | 0.00                         |
| 03/15/95 07:45 | 0.00                         |
| 03/15/95 10:15 | 0.00                         |
| 03/15/95 11:00 | 0.00                         |
| 03/15/95 13:00 | 0.00                         |
| 03/15/95 14:00 | 0.00                         |
| 03/15/95 15:00 | 0.00                         |
| 03/15/95 15:30 | 0.00                         |
| 03/15/95 15:45 | 0.00                         |
| 03/15/95 16:00 | 0.01                         |
| 03/15/95 16:15 | 0.01                         |
| 03/15/95 16:30 | 0.00                         |
| 03/15/95 16:45 | 0.00                         |
| 03/15/95 18:15 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 03/15/95 18:45 | 0.00                         |
| 03/25/95 14:45 | 0.01                         |
| 03/25/95 15:00 | 0.01                         |
| 03/25/95 15:15 | 0.00                         |
| 03/25/95 15:30 | 0.00                         |
| 03/25/95 16:45 | 0.00                         |
| 03/25/95 17:15 | 0.00                         |
| 03/25/95 17:30 | 0.02                         |
| 03/25/95 17:45 | 0.02                         |
| 03/25/95 18:00 | 0.02                         |
| 03/25/95 18:15 | 0.01                         |
| 03/25/95 18:30 | 0.01                         |
| 03/25/95 18:45 | 0.01                         |
| 03/25/95 19:00 | 0.02                         |
| 03/25/95 19:15 | 0.01                         |
| 03/25/95 21:15 | 0.00                         |
| 03/25/95 21:30 | 0.01                         |
| 03/25/95 21:45 | 0.00                         |
| 03/25/95 22:00 | 0.00                         |
| 03/26/95 08:30 | 0.01                         |
| 03/26/95 08:45 | 0.02                         |
| 03/26/95 09:00 | 0.00                         |
| 03/28/95 15:00 | 0.00                         |
| 03/28/95 15:45 | 0.00                         |
| 03/28/95 16:15 | 0.00                         |
| 03/28/95 16:30 | 0.00                         |
| 03/28/95 16:45 | 0.00                         |
| 03/28/95 17:00 | 0.00                         |
| 04/01/95 00:15 | 0.00                         |
| 04/03/95 16:00 | 0.00                         |
| 04/03/95 16:30 | 0.00                         |
| 04/03/95 17:00 | 0.00                         |
| 04/03/95 21:30 | 0.00                         |
| 04/03/95 21:45 | 0.00                         |
| 04/03/95 22:00 | 0.00                         |
| 04/03/95 22:15 | 0.00                         |
| 04/03/95 22:30 | 0.00                         |
| 04/03/95 22:45 | 0.01                         |
| 04/03/95 23:00 | 0.01                         |
| 04/03/95 23:15 | 0.01                         |
| 04/03/95 23:30 | 0.01                         |
| 04/03/95 23:45 | 0.01                         |
| 04/04/95 00:15 | 0.01                         |
| 04/04/95 00:30 | 0.00                         |
| 04/04/95 00:45 | 0.00                         |
| 04/04/95 01:00 | 0.01                         |
| 04/04/95 01:15 | 0.01                         |
| 04/04/95 01:30 | 0.01                         |
| 04/04/95 01:45 | 0.01                         |
| 04/04/95 02:00 | 0.01                         |
| 04/04/95 02:15 | 0.01                         |
| 04/04/95 02:30 | 0.01                         |
| 04/04/95 02:45 | 0.01                         |
| 04/04/95 03:00 | 0.00                         |
| 04/04/95 03:15 | 0.00                         |
| 04/04/95 03:30 | 0.00                         |
| 04/04/95 03:45 | 0.00                         |
| 04/04/95 23:45 | 0.00                         |
| 04/05/95 00:15 | 0.00                         |
| 04/05/95 00:30 | 0.00                         |
| 04/05/95 00:45 | 0.00                         |
| 04/05/95 01:00 | 0.00                         |
| 04/05/95 01:15 | 0.00                         |
| 04/05/95 01:45 | 0.00                         |
| 04/05/95 02:15 | 0.00                         |
| 04/05/95 02:45 | 0.00                         |
| 04/05/95 04:00 | 0.00                         |
| 04/05/95 04:30 | 0.00                         |
| 04/05/95 06:00 | 0.00                         |
| 04/05/95 07:00 | 0.00                         |
| 04/05/95 07:15 | 0.00                         |
| 04/05/95 07:30 | 0.00                         |
| 04/05/95 07:45 | 0.00                         |
| 04/05/95 08:00 | 0.00                         |
| 04/05/95 08:15 | 0.00                         |
| 04/05/95 08:30 | 0.01                         |
| 04/05/95 08:45 | 0.01                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 04/05/95 09:00 | 0.01                         |
| 04/05/95 09:15 | 0.01                         |
| 04/05/95 09:30 | 0.01                         |
| 04/05/95 09:45 | 0.01                         |
| 04/05/95 10:00 | 0.01                         |
| 04/05/95 10:15 | 0.01                         |
| 04/05/95 10:30 | 0.01                         |
| 04/05/95 10:45 | 0.01                         |
| 04/05/95 11:00 | 0.01                         |
| 04/05/95 11:15 | 0.01                         |
| 04/05/95 11:30 | 0.00                         |
| 04/05/95 11:45 | 0.00                         |
| 04/05/95 12:00 | 0.00                         |
| 04/05/95 12:30 | 0.00                         |
| 04/10/95 12:45 | 0.00                         |
| 04/10/95 13:00 | 0.00                         |
| 04/10/95 13:30 | 0.01                         |
| 04/10/95 13:45 | 0.00                         |
| 04/10/95 14:00 | 0.00                         |
| 04/10/95 14:15 | 0.00                         |
| 04/10/95 14:30 | 0.00                         |
| 04/10/95 14:45 | 0.01                         |
| 04/10/95 15:00 | 0.01                         |
| 04/10/95 15:15 | 0.00                         |
| 04/10/95 15:30 | 0.00                         |
| 04/10/95 16:00 | 0.00                         |
| 04/17/95 20:30 | 0.00                         |
| 04/17/95 21:00 | 0.03                         |
| 04/17/95 21:15 | 0.02                         |
| 04/17/95 21:30 | 0.01                         |
| 04/17/95 21:45 | 0.00                         |
| 04/17/95 22:00 | 0.01                         |
| 04/17/95 22:15 | 0.00                         |
| 04/17/95 22:30 | 0.00                         |
| 04/17/95 23:00 | 0.00                         |
| 04/19/95 10:30 | 0.00                         |
| 04/19/95 10:45 | 0.00                         |
| 04/19/95 11:00 | 0.00                         |
| 04/19/95 11:45 | 0.00                         |
| 04/19/95 12:15 | 0.00                         |
| 04/19/95 13:00 | 0.00                         |
| 04/19/95 13:15 | 0.00                         |
| 04/19/95 13:30 | 0.01                         |
| 04/19/95 13:45 | 0.03                         |
| 04/19/95 14:00 | 0.02                         |
| 04/19/95 14:15 | 0.01                         |
| 04/19/95 14:30 | 0.00                         |
| 04/19/95 14:45 | 0.00                         |
| 04/19/95 15:00 | 0.00                         |
| 04/19/95 15:15 | 0.00                         |
| 04/19/95 15:45 | 0.00                         |
| 04/19/95 16:00 | 0.00                         |
| 04/22/95 11:30 | 0.00                         |
| 04/22/95 11:45 | 0.00                         |
| 04/22/95 12:00 | 0.00                         |
| 04/22/95 13:30 | 0.00                         |
| 04/22/95 15:30 | 0.00                         |
| 04/22/95 15:45 | 0.00                         |
| 04/22/95 16:00 | 0.01                         |
| 04/22/95 16:15 | 0.00                         |
| 04/22/95 17:00 | 0.00                         |
| 05/01/95 00:15 | 0.00                         |
| 05/03/95 02:45 | 0.01                         |
| 05/03/95 03:15 | 0.00                         |
| 05/03/95 04:00 | 0.00                         |
| 05/03/95 04:30 | 0.00                         |
| 05/03/95 04:45 | 0.00                         |
| 05/03/95 05:00 | 0.01                         |
| 05/03/95 05:15 | 0.02                         |
| 05/03/95 05:30 | 0.01                         |
| 05/03/95 05:45 | 0.01                         |
| 05/03/95 06:00 | 0.01                         |
| 05/05/95 19:45 | 0.01                         |
| 05/05/95 20:00 | 0.02                         |
| 05/05/95 20:15 | 0.03                         |
| 05/05/95 20:30 | 0.05                         |
| 05/05/95 20:45 | 0.09                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 05/05/95 21:00 | 0.03                         |
| 05/05/95 21:15 | 0.01                         |
| 05/05/95 21:30 | 0.00                         |
| 05/05/95 21:45 | 0.00                         |
| 05/05/95 22:00 | 0.01                         |
| 05/07/95 21:45 | 0.00                         |
| 05/07/95 22:00 | 0.02                         |
| 05/07/95 22:15 | 0.06                         |
| 05/07/95 22:30 | 0.02                         |
| 05/07/95 22:45 | 0.01                         |
| 05/07/95 23:00 | 0.00                         |
| 05/07/95 23:15 | 0.00                         |
| 05/07/95 23:30 | 0.00                         |
| 05/07/95 23:45 | 0.00                         |
| 05/08/95 00:15 | 0.00                         |
| 05/08/95 00:30 | 0.00                         |
| 05/08/95 00:45 | 0.00                         |
| 05/08/95 01:00 | 0.00                         |
| 05/08/95 01:15 | 0.01                         |
| 05/08/95 01:30 | 0.01                         |
| 05/08/95 01:45 | 0.01                         |
| 05/08/95 02:00 | 0.01                         |
| 05/08/95 02:15 | 0.01                         |
| 05/08/95 02:30 | 0.01                         |
| 05/08/95 02:45 | 0.01                         |
| 05/08/95 03:00 | 0.01                         |
| 05/08/95 03:15 | 0.01                         |
| 05/08/95 03:30 | 0.01                         |
| 05/08/95 03:45 | 0.01                         |
| 05/08/95 04:00 | 0.01                         |
| 05/08/95 04:15 | 0.01                         |
| 05/08/95 04:30 | 0.01                         |
| 05/08/95 04:45 | 0.00                         |
| 05/08/95 05:00 | 0.00                         |
| 05/08/95 05:15 | 0.00                         |
| 05/08/95 05:30 | 0.00                         |
| 05/08/95 05:45 | 0.01                         |
| 05/08/95 06:00 | 0.01                         |
| 05/17/95 08:30 | 0.00                         |
| 05/17/95 08:45 | 0.02                         |
| 05/17/95 09:00 | 0.00                         |
| 05/17/95 09:15 | 0.00                         |
| 05/17/95 10:00 | 0.00                         |
| 05/23/95 20:30 | 0.00                         |
| 05/23/95 20:45 | 0.00                         |
| 05/23/95 21:00 | 0.00                         |
| 05/23/95 21:15 | 0.00                         |
| 05/23/95 21:30 | 0.00                         |
| 05/23/95 21:45 | 0.00                         |
| 05/23/95 22:00 | 0.00                         |
| 05/24/95 16:30 | 0.00                         |
| 05/24/95 17:00 | 0.02                         |
| 05/24/95 17:15 | 0.01                         |
| 05/24/95 17:30 | 0.00                         |
| 05/24/95 17:45 | 0.01                         |
| 05/24/95 18:00 | 0.02                         |
| 05/24/95 18:15 | 0.01                         |
| 05/24/95 18:30 | 0.01                         |
| 05/24/95 18:45 | 0.00                         |
| 05/24/95 19:00 | 0.00                         |
| 05/24/95 19:15 | 0.00                         |
| 05/24/95 19:30 | 0.01                         |
| 05/24/95 19:45 | 0.00                         |
| 05/24/95 20:00 | 0.00                         |
| 05/24/95 20:15 | 0.00                         |
| 05/24/95 20:30 | 0.00                         |
| 05/24/95 20:45 | 0.00                         |
| 05/24/95 21:00 | 0.00                         |
| 05/24/95 21:15 | 0.01                         |
| 05/24/95 21:30 | 0.00                         |
| 05/24/95 21:45 | 0.00                         |
| 05/25/95 01:15 | 0.00                         |
| 05/25/95 01:45 | 0.00                         |
| 05/25/95 02:15 | 0.00                         |
| 05/25/95 02:45 | 0.00                         |
| 05/25/95 03:00 | 0.00                         |
| 05/25/95 03:15 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 05/25/95 03:30 | 0.00                         |
| 05/25/95 03:45 | 0.01                         |
| 05/25/95 04:00 | 0.00                         |
| 05/25/95 04:30 | 0.00                         |
| 05/25/95 05:00 | 0.00                         |
| 05/25/95 05:45 | 0.00                         |
| 05/25/95 07:45 | 0.00                         |
| 05/25/95 08:15 | 0.00                         |
| 05/25/95 08:45 | 0.00                         |
| 05/25/95 15:30 | 0.02                         |
| 05/25/95 15:45 | 0.02                         |
| 05/25/95 16:00 | 0.01                         |
| 05/25/95 16:15 | 0.00                         |
| 05/25/95 16:30 | 0.00                         |
| 05/25/95 16:45 | 0.01                         |
| 05/25/95 17:00 | 0.01                         |
| 05/25/95 17:15 | 0.00                         |
| 05/25/95 17:30 | 0.00                         |
| 05/27/95 01:30 | 0.00                         |
| 05/27/95 01:45 | 0.00                         |
| 05/27/95 02:00 | 0.00                         |
| 05/27/95 02:30 | 0.00                         |
| 05/27/95 02:45 | 0.00                         |
| 05/27/95 03:00 | 0.00                         |
| 05/31/95 21:00 | 0.00                         |
| 05/31/95 21:15 | 0.00                         |
| 05/31/95 21:30 | 0.00                         |
| 05/31/95 21:45 | 0.00                         |
| 05/31/95 22:00 | 0.00                         |
| 06/01/95 00:15 | 0.00                         |
| 06/10/95 11:30 | 0.00                         |
| 06/10/95 11:45 | 0.01                         |
| 06/10/95 12:00 | 0.03                         |
| 06/10/95 12:15 | 0.02                         |
| 06/10/95 12:30 | 0.01                         |
| 06/10/95 12:45 | 0.01                         |
| 06/10/95 13:00 | 0.01                         |
| 06/10/95 19:30 | 0.00                         |
| 06/10/95 19:45 | 0.00                         |
| 06/10/95 20:00 | 0.00                         |
| 06/10/95 20:15 | 0.01                         |
| 06/10/95 20:30 | 0.02                         |
| 06/10/95 20:45 | 0.02                         |
| 06/10/95 21:00 | 0.01                         |
| 06/10/95 21:15 | 0.01                         |
| 06/10/95 21:30 | 0.00                         |
| 06/10/95 21:45 | 0.00                         |
| 06/10/95 22:00 | 0.00                         |
| 06/10/95 22:15 | 0.00                         |
| 06/10/95 22:30 | 0.00                         |
| 06/10/95 22:45 | 0.01                         |
| 06/10/95 23:00 | 0.01                         |
| 06/10/95 23:15 | 0.01                         |
| 06/10/95 23:30 | 0.01                         |
| 06/10/95 23:45 | 0.01                         |
| 06/11/95 00:15 | 0.01                         |
| 06/11/95 00:30 | 0.01                         |
| 06/11/95 00:45 | 0.01                         |
| 06/11/95 01:00 | 0.01                         |
| 06/11/95 01:15 | 0.01                         |
| 06/11/95 01:30 | 0.01                         |
| 06/11/95 01:45 | 0.00                         |
| 06/11/95 02:00 | 0.00                         |
| 06/11/95 02:15 | 0.00                         |
| 06/11/95 02:30 | 0.00                         |
| 06/11/95 02:45 | 0.00                         |
| 06/11/95 03:15 | 0.00                         |
| 06/11/95 03:45 | 0.00                         |
| 06/11/95 04:00 | 0.00                         |
| 06/29/95 21:30 | 0.00                         |
| 06/29/95 21:45 | 0.00                         |
| 06/29/95 22:00 | 0.00                         |
| 06/29/95 22:15 | 0.00                         |
| 06/29/95 22:30 | 0.00                         |
| 06/29/95 22:45 | 0.00                         |
| 06/29/95 23:30 | 0.00                         |
| 06/30/95 01:00 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 07/01/95 00:15 | 0.00                         |
| 07/04/95 23:30 | 0.02                         |
| 07/04/95 23:45 | 0.01                         |
| 07/05/95 00:15 | 0.00                         |
| 07/05/95 00:45 | 0.00                         |
| 07/05/95 01:15 | 0.00                         |
| 07/05/95 02:00 | 0.00                         |
| 07/05/95 02:15 | 0.01                         |
| 07/05/95 02:30 | 0.00                         |
| 07/05/95 02:45 | 0.00                         |
| 07/05/95 03:15 | 0.00                         |
| 07/05/95 03:45 | 0.00                         |
| 07/05/95 04:00 | 0.00                         |
| 07/05/95 04:15 | 0.00                         |
| 07/05/95 04:30 | 0.00                         |
| 07/05/95 04:45 | 0.00                         |
| 07/05/95 05:45 | 0.00                         |
| 07/05/95 06:00 | 0.00                         |
| 07/05/95 09:30 | 0.00                         |
| 07/05/95 09:45 | 0.00                         |
| 07/05/95 10:00 | 0.00                         |
| 07/05/95 10:15 | 0.00                         |
| 07/05/95 10:30 | 0.00                         |
| 07/05/95 10:45 | 0.00                         |
| 07/17/95 14:30 | 0.00                         |
| 07/17/95 15:00 | 0.02                         |
| 07/17/95 15:15 | 0.01                         |
| 07/17/95 15:45 | 0.00                         |
| 07/17/95 16:00 | 0.00                         |
| 07/18/95 17:45 | 0.00                         |
| 07/18/95 18:00 | 0.00                         |
| 07/18/95 18:15 | 0.00                         |
| 07/18/95 18:30 | 0.00                         |
| 07/18/95 18:45 | 0.01                         |
| 07/18/95 19:00 | 0.07                         |
| 07/18/95 19:15 | 0.07                         |
| 07/18/95 19:30 | 0.01                         |
| 07/18/95 19:45 | 0.01                         |
| 07/18/95 20:00 | 0.00                         |
| 07/18/95 22:45 | 0.00                         |
| 07/19/95 00:15 | 0.00                         |
| 07/19/95 00:45 | 0.00                         |
| 07/19/95 01:00 | 0.00                         |
| 07/19/95 11:30 | 0.00                         |
| 07/19/95 12:00 | 0.01                         |
| 07/23/95 01:00 | 0.00                         |
| 07/23/95 06:00 | 0.02                         |
| 07/23/95 07:30 | 0.00                         |
| 07/23/95 07:45 | 0.00                         |
| 07/23/95 08:00 | 0.01                         |
| 07/23/95 08:15 | 0.01                         |
| 07/23/95 08:30 | 0.01                         |
| 07/23/95 08:45 | 0.01                         |
| 07/23/95 09:00 | 0.00                         |
| 07/31/95 07:30 | 0.00                         |
| 07/31/95 07:45 | 0.00                         |
| 07/31/95 08:15 | 0.00                         |
| 07/31/95 08:45 | 0.00                         |
| 07/31/95 09:30 | 0.00                         |
| 07/31/95 10:30 | 0.00                         |
| 07/31/95 11:45 | 0.00                         |
| 07/31/95 12:00 | 0.00                         |
| 07/31/95 12:15 | 0.00                         |
| 07/31/95 12:30 | 0.00                         |
| 07/31/95 12:45 | 0.00                         |
| 07/31/95 13:00 | 0.00                         |
| 07/31/95 13:15 | 0.00                         |
| 07/31/95 13:30 | 0.00                         |
| 07/31/95 13:45 | 0.00                         |
| 07/31/95 14:00 | 0.00                         |
| 07/31/95 14:15 | 0.00                         |
| 07/31/95 15:00 | 0.00                         |
| 07/31/95 15:30 | 0.00                         |
| 07/31/95 15:45 | 0.00                         |
| 07/31/95 16:00 | 0.00                         |
| 07/31/95 16:15 | 0.01                         |
| 07/31/95 16:30 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 07/31/95 16:45 | 0.00                         |
| 07/31/95 19:00 | 0.00                         |
| 07/31/95 19:15 | 0.00                         |
| 07/31/95 19:30 | 0.02                         |
| 07/31/95 19:45 | 0.05                         |
| 07/31/95 20:00 | 0.04                         |
| 07/31/95 20:15 | 0.02                         |
| 07/31/95 20:30 | 0.04                         |
| 07/31/95 20:45 | 0.01                         |
| 07/31/95 21:00 | 0.00                         |
| 07/31/95 21:15 | 0.00                         |
| 07/31/95 21:30 | 0.00                         |
| 07/31/95 21:45 | 0.00                         |
| 07/31/95 22:00 | 0.00                         |
| 08/01/95 00:15 | 0.00                         |
| 08/01/95 22:30 | 0.00                         |
| 08/01/95 22:45 | 0.00                         |
| 08/01/95 23:00 | 0.00                         |
| 08/02/95 15:00 | 0.00                         |
| 08/02/95 15:15 | 0.01                         |
| 08/02/95 15:30 | 0.00                         |
| 08/02/95 15:45 | 0.00                         |
| 08/02/95 16:00 | 0.00                         |
| 08/04/95 14:45 | 0.00                         |
| 08/04/95 15:00 | 0.00                         |
| 08/04/95 15:15 | 0.00                         |
| 08/04/95 16:00 | 0.00                         |
| 08/20/95 17:15 | 0.01                         |
| 08/20/95 17:30 | 0.03                         |
| 08/20/95 17:45 | 0.01                         |
| 08/20/95 18:00 | 0.00                         |
| 09/01/95 00:15 | 0.00                         |
| 09/12/95 10:45 | 0.00                         |
| 09/12/95 11:00 | 0.01                         |
| 09/12/95 11:15 | 0.02                         |
| 09/12/95 11:30 | 0.02                         |
| 09/12/95 11:45 | 0.00                         |
| 09/12/95 12:00 | 0.00                         |
| 09/12/95 12:15 | 0.00                         |
| 09/12/95 12:30 | 0.00                         |
| 09/12/95 12:45 | 0.00                         |
| 09/12/95 22:15 | 0.00                         |
| 09/12/95 23:15 | 0.00                         |
| 09/13/95 01:15 | 0.00                         |
| 09/13/95 02:00 | 0.00                         |
| 09/13/95 02:30 | 0.00                         |
| 09/13/95 03:00 | 0.00                         |
| 09/13/95 03:15 | 0.00                         |
| 09/13/95 03:30 | 0.00                         |
| 09/13/95 03:45 | 0.00                         |
| 09/13/95 04:00 | 0.00                         |
| 09/13/95 04:15 | 0.00                         |
| 09/13/95 04:30 | 0.00                         |
| 09/13/95 04:45 | 0.00                         |
| 09/13/95 05:00 | 0.00                         |
| 09/13/95 05:15 | 0.00                         |
| 09/13/95 05:30 | 0.00                         |
| 09/13/95 05:45 | 0.00                         |
| 09/13/95 06:00 | 0.00                         |
| 09/13/95 06:15 | 0.00                         |
| 09/13/95 06:30 | 0.00                         |
| 09/13/95 07:00 | 0.00                         |
| 09/13/95 07:30 | 0.00                         |
| 09/17/95 07:30 | 0.01                         |
| 09/17/95 07:45 | 0.02                         |
| 09/17/95 08:00 | 0.00                         |
| 09/17/95 08:15 | 0.00                         |
| 09/17/95 10:00 | 0.00                         |
| 09/17/95 10:15 | 0.01                         |
| 09/17/95 10:30 | 0.01                         |
| 09/17/95 10:45 | 0.01                         |
| 09/17/95 11:00 | 0.00                         |
| 09/17/95 11:30 | 0.00                         |
| 09/17/95 11:45 | 0.00                         |
| 09/18/95 13:15 | 0.00                         |
| 09/18/95 13:45 | 0.00                         |
| 09/18/95 14:00 | 0.00                         |



| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 09/18/95 14:15 | 0.00                         |
| 09/18/95 14:30 | 0.00                         |
| 09/18/95 14:45 | 0.00                         |
| 09/18/95 15:15 | 0.00                         |
| 09/18/95 15:45 | 0.00                         |
| 09/18/95 16:45 | 0.00                         |
| 09/18/95 17:00 | 0.00                         |
| 09/18/95 17:15 | 0.00                         |
| 09/18/95 17:30 | 0.00                         |
| 09/18/95 17:45 | 0.00                         |
| 09/18/95 18:00 | 0.00                         |
| 09/18/95 18:15 | 0.00                         |
| 09/18/95 18:30 | 0.00                         |
| 09/18/95 19:00 | 0.00                         |
| 09/19/95 08:15 | 0.00                         |
| 09/19/95 08:45 | 0.00                         |
| 09/19/95 09:15 | 0.00                         |
| 09/19/95 09:45 | 0.00                         |
| 09/19/95 10:30 | 0.00                         |
| 09/19/95 11:00 | 0.00                         |
| 09/19/95 11:15 | 0.00                         |
| 09/19/95 11:30 | 0.00                         |
| 09/19/95 11:45 | 0.00                         |
| 09/19/95 12:15 | 0.00                         |
| 09/19/95 12:45 | 0.00                         |
| 09/19/95 13:00 | 0.00                         |
| 09/25/95 05:45 | 0.01                         |
| 09/25/95 06:00 | 0.01                         |
| 09/25/95 06:15 | 0.00                         |
| 09/25/95 06:30 | 0.00                         |
| 09/25/95 06:45 | 0.00                         |
| 09/25/95 07:00 | 0.01                         |
| 09/25/95 07:15 | 0.01                         |
| 09/25/95 07:30 | 0.00                         |
| 09/25/95 07:45 | 0.00                         |
| 09/25/95 08:00 | 0.00                         |
| 09/25/95 08:15 | 0.00                         |
| 09/25/95 09:00 | 0.00                         |
| 10/01/95 00:15 | 0.00                         |
| 10/02/95 12:30 | 0.00                         |
| 10/02/95 12:45 | 0.03                         |
| 10/02/95 13:00 | 0.00                         |
| 10/02/95 13:30 | 0.00                         |
| 10/02/95 14:15 | 0.00                         |
| 10/02/95 14:30 | 0.00                         |
| 10/02/95 14:45 | 0.00                         |
| 10/02/95 15:00 | 0.00                         |
| 10/02/95 17:45 | 0.00                         |
| 10/02/95 18:00 | 0.00                         |
| 10/02/95 18:15 | 0.00                         |
| 10/02/95 18:30 | 0.00                         |
| 10/02/95 18:45 | 0.00                         |
| 10/02/95 19:00 | 0.00                         |
| 10/30/95 08:30 | 0.00                         |
| 10/30/95 08:45 | 0.01                         |
| 10/30/95 09:00 | 0.00                         |
| 10/30/95 09:15 | 0.00                         |
| 10/30/95 09:30 | 0.00                         |
| 10/30/95 10:00 | 0.00                         |
| 10/30/95 10:30 | 0.00                         |
| 11/01/95 00:15 | 0.00                         |
| 11/01/95 01:00 | 0.00                         |
| 11/01/95 01:45 | 0.00                         |
| 11/01/95 02:00 | 0.01                         |
| 11/01/95 02:15 | 0.03                         |
| 11/01/95 02:30 | 0.01                         |
| 11/01/95 02:45 | 0.00                         |
| 11/01/95 03:00 | 0.00                         |
| 11/01/95 03:15 | 0.00                         |
| 11/01/95 03:30 | 0.00                         |
| 11/01/95 03:45 | 0.00                         |
| 11/01/95 04:00 | 0.00                         |
| 12/01/95 00:15 | 0.00                         |
| 12/08/95 03:30 | 0.00                         |
| 12/08/95 03:45 | 0.00                         |
| 12/08/95 04:00 | 0.00                         |
| 12/08/95 04:15 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 12/08/95 04:30 | 0.00                         |
| 12/08/95 04:45 | 0.01                         |
| 12/08/95 05:30 | 0.01                         |
| 12/08/95 05:45 | 0.01                         |
| 12/08/95 06:00 | 0.01                         |
| 12/08/95 06:15 | 0.00                         |
| 12/08/95 06:30 | 0.00                         |
| 12/08/95 06:45 | 0.00                         |
| 12/15/95 08:00 | 0.00                         |
| 12/15/95 22:00 | 0.01                         |
| 12/16/95 00:45 | 0.00                         |
| 12/16/95 01:00 | 0.00                         |
| 12/16/95 01:15 | 0.03                         |
| 12/16/95 01:30 | 0.03                         |
| 12/16/95 01:45 | 0.01                         |
| 12/16/95 02:00 | 0.00                         |
| 12/16/95 02:15 | 0.00                         |
| 12/16/95 02:30 | 0.00                         |
| 12/16/95 02:45 | 0.00                         |
| 12/16/95 03:00 | 0.00                         |
| 12/16/95 10:15 | 0.00                         |
| 12/16/95 11:45 | 0.00                         |
| 12/16/95 12:45 | 0.00                         |
| 12/16/95 13:15 | 0.00                         |
| 12/16/95 13:30 | 0.00                         |
| 12/16/95 13:45 | 0.00                         |
| 12/16/95 14:00 | 0.00                         |
| 12/16/95 14:15 | 0.01                         |
| 12/16/95 14:30 | 0.00                         |
| 12/16/95 15:00 | 0.00                         |
| 12/16/95 16:30 | 0.00                         |
| 12/16/95 17:30 | 0.00                         |
| 12/16/95 17:45 | 0.00                         |
| 12/16/95 18:00 | 0.00                         |
| 12/16/95 22:00 | 0.00                         |
| 12/17/95 07:00 | 0.03                         |
| 12/17/95 09:45 | 0.00                         |
| 12/17/95 12:00 | 0.00                         |
| 12/17/95 12:30 | 0.00                         |
| 12/17/95 13:00 | 0.00                         |
| 12/17/95 13:15 | 0.00                         |
| 12/17/95 13:30 | 0.00                         |
| 12/17/95 13:45 | 0.00                         |
| 12/17/95 14:00 | 0.00                         |
| 12/17/95 14:15 | 0.00                         |
| 12/17/95 14:30 | 0.00                         |
| 12/17/95 14:45 | 0.00                         |
| 12/17/95 15:00 | 0.00                         |
| 12/17/95 15:15 | 0.00                         |
| 12/17/95 15:30 | 0.00                         |
| 12/17/95 15:45 | 0.00                         |
| 12/17/95 16:00 | 0.00                         |
| 12/31/95 00:30 | 0.00                         |
| 12/31/95 00:45 | 0.00                         |
| 12/31/95 02:00 | 0.00                         |
| 12/31/95 02:30 | 0.00                         |
| 12/31/95 02:45 | 0.00                         |
| 12/31/95 03:00 | 0.00                         |
| 01/01/96 00:15 | 0.00                         |
| 01/01/96 12:00 | 0.00                         |
| 01/01/96 12:15 | 0.00                         |
| 01/01/96 12:30 | 0.00                         |
| 01/01/96 12:45 | 0.00                         |
| 01/01/96 13:00 | 0.00                         |
| 01/01/96 13:15 | 0.00                         |
| 01/01/96 13:30 | 0.00                         |
| 01/01/96 13:45 | 0.00                         |
| 01/01/96 14:00 | 0.00                         |
| 01/01/96 14:15 | 0.00                         |
| 01/01/96 14:30 | 0.00                         |
| 01/01/96 14:45 | 0.00                         |
| 01/01/96 15:00 | 0.00                         |
| 01/01/96 15:15 | 0.00                         |
| 01/01/96 15:30 | 0.00                         |
| 01/01/96 15:45 | 0.00                         |
| 01/01/96 16:00 | 0.00                         |
| 01/01/96 16:15 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 01/01/96 16:45 | 0.00                         |
| 01/01/96 17:45 | 0.00                         |
| 01/01/96 18:15 | 0.00                         |
| 01/01/96 19:15 | 0.00                         |
| 01/01/96 19:30 | 0.00                         |
| 01/01/96 19:45 | 0.00                         |
| 01/01/96 20:00 | 0.00                         |
| 01/01/96 20:15 | 0.00                         |
| 01/01/96 20:30 | 0.00                         |
| 01/01/96 20:45 | 0.00                         |
| 01/01/96 21:00 | 0.00                         |
| 01/01/96 22:00 | 0.00                         |
| 01/01/96 23:00 | 0.00                         |
| 01/01/96 23:45 | 0.00                         |
| 01/02/96 00:45 | 0.00                         |
| 01/02/96 01:15 | 0.00                         |
| 01/02/96 01:45 | 0.00                         |
| 01/02/96 02:15 | 0.00                         |
| 01/02/96 08:45 | 0.00                         |
| 01/02/96 09:00 | 0.00                         |
| 01/02/96 09:45 | 0.00                         |
| 01/02/96 10:00 | 0.00                         |
| 01/06/96 10:45 | 0.00                         |
| 01/06/96 11:00 | 0.00                         |
| 01/06/96 11:15 | 0.00                         |
| 01/06/96 11:45 | 0.00                         |
| 01/06/96 12:00 | 0.00                         |
| 01/17/96 22:15 | 0.00                         |
| 01/17/96 22:30 | 0.02                         |
| 01/17/96 22:45 | 0.01                         |
| 01/17/96 23:00 | 0.00                         |
| 01/17/96 23:15 | 0.00                         |
| 01/17/96 23:30 | 0.00                         |
| 01/17/96 23:45 | 0.00                         |
| 01/18/96 00:15 | 0.00                         |
| 01/18/96 00:30 | 0.00                         |
| 01/18/96 00:45 | 0.00                         |
| 01/18/96 01:45 | 0.00                         |
| 01/18/96 02:00 | 0.00                         |
| 02/01/96 00:15 | 0.00                         |
| 02/02/96 00:30 | 0.00                         |
| 02/02/96 00:45 | 0.00                         |
| 02/02/96 01:00 | 0.00                         |
| 02/02/96 01:15 | 0.00                         |
| 02/02/96 01:30 | 0.00                         |
| 02/02/96 02:00 | 0.00                         |
| 02/02/96 02:30 | 0.00                         |
| 02/02/96 03:00 | 0.00                         |
| 02/26/96 09:30 | 0.00                         |
| 02/26/96 10:00 | 0.00                         |
| 03/01/96 00:15 | 0.00                         |
| 03/04/96 01:45 | 0.00                         |
| 03/04/96 02:30 | 0.00                         |
| 03/04/96 02:45 | 0.00                         |
| 03/04/96 03:00 | 0.00                         |
| 03/17/96 23:30 | 0.00                         |
| 03/18/96 00:15 | 0.01                         |
| 03/18/96 00:30 | 0.03                         |
| 03/18/96 00:45 | 0.00                         |
| 03/18/96 02:30 | 0.00                         |
| 03/18/96 03:30 | 0.00                         |
| 03/18/96 04:15 | 0.00                         |
| 03/18/96 04:30 | 0.00                         |
| 03/18/96 04:45 | 0.00                         |
| 03/18/96 05:00 | 0.00                         |
| 03/18/96 05:15 | 0.01                         |
| 03/18/96 05:30 | 0.01                         |
| 03/18/96 05:45 | 0.00                         |
| 03/18/96 06:00 | 0.00                         |
| 03/18/96 06:15 | 0.00                         |
| 03/18/96 06:30 | 0.00                         |
| 03/18/96 06:45 | 0.00                         |
| 03/18/96 07:00 | 0.00                         |
| 03/18/96 07:15 | 0.00                         |
| 03/18/96 07:30 | 0.00                         |
| 03/24/96 15:30 | 0.02                         |
| 03/24/96 15:45 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 03/24/96 16:00 | 0.00                         |
| 03/27/96 01:30 | 0.00                         |
| 03/27/96 01:45 | 0.00                         |
| 03/27/96 02:15 | 0.00                         |
| 03/27/96 03:45 | 0.00                         |
| 03/27/96 04:30 | 0.00                         |
| 03/27/96 05:15 | 0.00                         |
| 03/27/96 05:30 | 0.00                         |
| 03/27/96 06:30 | 0.00                         |
| 03/27/96 06:45 | 0.00                         |
| 03/27/96 07:00 | 0.00                         |
| 03/27/96 07:15 | 0.01                         |
| 03/27/96 07:30 | 0.01                         |
| 03/27/96 07:45 | 0.00                         |
| 03/27/96 08:00 | 0.00                         |
| 03/27/96 08:15 | 0.00                         |
| 03/27/96 08:30 | 0.00                         |
| 03/27/96 08:45 | 0.00                         |
| 03/27/96 09:00 | 0.00                         |
| 03/27/96 09:30 | 0.00                         |
| 03/27/96 10:45 | 0.00                         |
| 03/27/96 11:15 | 0.00                         |
| 03/27/96 13:30 | 0.00                         |
| 03/27/96 14:00 | 0.00                         |
| 03/27/96 14:15 | 0.00                         |
| 03/27/96 14:30 | 0.00                         |
| 03/27/96 14:45 | 0.01                         |
| 03/27/96 15:00 | 0.01                         |
| 03/27/96 15:15 | 0.01                         |
| 03/27/96 15:30 | 0.00                         |
| 03/27/96 15:45 | 0.01                         |
| 03/27/96 16:00 | 0.01                         |
| 03/27/96 16:15 | 0.01                         |
| 03/27/96 16:30 | 0.01                         |
| 03/27/96 16:45 | 0.01                         |
| 03/27/96 17:00 | 0.01                         |
| 03/27/96 17:15 | 0.00                         |
| 03/27/96 17:30 | 0.00                         |
| 03/27/96 17:45 | 0.00                         |
| 03/27/96 18:00 | 0.00                         |
| 03/27/96 18:30 | 0.00                         |
| 03/27/96 19:00 | 0.00                         |
| 03/27/96 19:15 | 0.00                         |
| 03/27/96 19:30 | 0.00                         |
| 03/27/96 20:00 | 0.00                         |
| 04/01/96 00:15 | 0.00                         |
| 04/04/96 01:30 | 0.00                         |
| 04/04/96 01:45 | 0.00                         |
| 04/04/96 02:00 | 0.00                         |
| 04/05/96 00:15 | 0.00                         |
| 04/05/96 00:30 | 0.00                         |
| 04/05/96 00:45 | 0.00                         |
| 04/05/96 01:00 | 0.00                         |
| 04/05/96 01:15 | 0.00                         |
| 04/05/96 01:30 | 0.00                         |
| 04/05/96 01:45 | 0.00                         |
| 04/05/96 02:00 | 0.00                         |
| 04/05/96 02:15 | 0.00                         |
| 04/05/96 02:30 | 0.00                         |
| 04/05/96 02:45 | 0.00                         |
| 04/05/96 03:00 | 0.00                         |
| 04/05/96 03:15 | 0.00                         |
| 04/05/96 03:30 | 0.00                         |
| 04/05/96 03:45 | 0.00                         |
| 04/05/96 04:15 | 0.00                         |
| 04/05/96 04:45 | 0.00                         |
| 04/05/96 08:15 | 0.00                         |
| 04/05/96 08:30 | 0.00                         |
| 04/05/96 08:45 | 0.00                         |
| 04/05/96 09:15 | 0.00                         |
| 04/05/96 09:45 | 0.00                         |
| 04/05/96 10:00 | 0.00                         |
| 04/05/96 10:15 | 0.00                         |
| 04/05/96 10:30 | 0.00                         |
| 04/05/96 10:45 | 0.00                         |
| 04/05/96 11:00 | 0.00                         |
| 04/05/96 11:15 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 04/05/96 11:30 | 0.00                         |
| 04/05/96 11:45 | 0.00                         |
| 04/05/96 12:00 | 0.00                         |
| 04/05/96 12:15 | 0.00                         |
| 04/05/96 12:30 | 0.00                         |
| 04/05/96 12:45 | 0.00                         |
| 04/05/96 13:00 | 0.00                         |
| 04/05/96 13:15 | 0.00                         |
| 04/05/96 13:30 | 0.00                         |
| 04/05/96 13:45 | 0.00                         |
| 04/05/96 14:00 | 0.00                         |
| 04/05/96 14:15 | 0.00                         |
| 04/05/96 14:30 | 0.00                         |
| 04/05/96 14:45 | 0.00                         |
| 04/05/96 15:00 | 0.00                         |
| 04/05/96 15:15 | 0.00                         |
| 04/05/96 15:30 | 0.00                         |
| 04/05/96 15:45 | 0.00                         |
| 04/05/96 16:00 | 0.00                         |
| 04/05/96 16:15 | 0.00                         |
| 04/05/96 16:30 | 0.00                         |
| 04/05/96 16:45 | 0.00                         |
| 04/05/96 17:00 | 0.00                         |
| 04/05/96 17:45 | 0.00                         |
| 04/05/96 18:15 | 0.00                         |
| 04/05/96 19:30 | 0.00                         |
| 04/05/96 20:00 | 0.00                         |
| 04/12/96 10:45 | 0.00                         |
| 04/12/96 11:15 | 0.00                         |
| 04/12/96 11:45 | 0.00                         |
| 04/12/96 13:00 | 0.00                         |
| 04/12/96 13:15 | 0.00                         |
| 04/12/96 13:30 | 0.00                         |
| 04/12/96 14:30 | 0.00                         |
| 04/12/96 17:00 | 0.00                         |
| 04/12/96 17:15 | 0.00                         |
| 04/12/96 17:30 | 0.00                         |
| 04/12/96 17:45 | 0.02                         |
| 04/12/96 18:00 | 0.00                         |
| 04/22/96 07:00 | 0.01                         |
| 04/22/96 07:15 | 0.00                         |
| 04/22/96 07:45 | 0.00                         |
| 04/22/96 08:00 | 0.00                         |
| 04/22/96 08:15 | 0.00                         |
| 04/22/96 08:30 | 0.01                         |
| 04/22/96 08:45 | 0.01                         |
| 04/22/96 09:00 | 0.01                         |
| 04/22/96 09:15 | 0.01                         |
| 04/22/96 09:30 | 0.01                         |
| 04/22/96 09:45 | 0.01                         |
| 04/22/96 10:00 | 0.01                         |
| 04/22/96 10:15 | 0.00                         |
| 04/22/96 10:30 | 0.00                         |
| 04/22/96 10:45 | 0.00                         |
| 04/22/96 11:00 | 0.00                         |
| 05/01/96 00:15 | 0.00                         |
| 05/10/96 20:30 | 0.00                         |
| 05/10/96 20:45 | 0.01                         |
| 05/10/96 21:00 | 0.00                         |
| 05/10/96 21:15 | 0.01                         |
| 05/10/96 21:30 | 0.01                         |
| 05/10/96 22:00 | 0.00                         |
| 05/10/96 22:15 | 0.00                         |
| 05/10/96 22:30 | 0.00                         |
| 05/10/96 22:45 | 0.00                         |
| 05/10/96 23:15 | 0.00                         |
| 05/10/96 23:30 | 0.00                         |
| 05/10/96 23:45 | 0.00                         |
| 05/11/96 00:15 | 0.00                         |
| 05/11/96 00:45 | 0.00                         |
| 05/11/96 01:00 | 0.00                         |
| 05/11/96 01:15 | 0.00                         |
| 05/11/96 01:45 | 0.00                         |
| 05/11/96 02:15 | 0.00                         |
| 05/11/96 02:45 | 0.00                         |
| 05/11/96 03:00 | 0.00                         |
| 05/27/96 03:45 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 05/27/96 04:00 | 0.01                         |
| 05/27/96 04:15 | 0.03                         |
| 05/27/96 04:30 | 0.03                         |
| 05/27/96 04:45 | 0.01                         |
| 05/27/96 05:00 | 0.00                         |
| 06/01/96 00:15 | 0.00                         |
| 06/01/96 09:30 | 0.00                         |
| 06/01/96 09:45 | 0.00                         |
| 06/01/96 10:00 | 0.00                         |
| 06/01/96 10:15 | 0.02                         |
| 06/01/96 10:30 | 0.03                         |
| 06/01/96 10:45 | 0.04                         |
| 06/01/96 11:00 | 0.01                         |
| 06/01/96 11:15 | 0.01                         |
| 06/01/96 11:30 | 0.01                         |
| 06/01/96 11:45 | 0.01                         |
| 06/01/96 12:00 | 0.01                         |
| 06/01/96 12:15 | 0.00                         |
| 06/01/96 13:00 | 0.00                         |
| 06/04/96 00:30 | 0.00                         |
| 06/04/96 00:45 | 0.00                         |
| 06/04/96 01:00 | 0.00                         |
| 06/04/96 01:15 | 0.00                         |
| 06/04/96 01:30 | 0.00                         |
| 06/04/96 01:45 | 0.00                         |
| 06/04/96 02:00 | 0.00                         |
| 06/06/96 21:30 | 0.00                         |
| 06/06/96 22:00 | 0.00                         |
| 06/07/96 02:30 | 0.00                         |
| 06/07/96 02:45 | 0.00                         |
| 06/07/96 03:15 | 0.02                         |
| 06/07/96 03:30 | 0.06                         |
| 06/07/96 03:45 | 0.01                         |
| 06/07/96 04:00 | 0.01                         |
| 06/07/96 04:15 | 0.00                         |
| 06/07/96 04:30 | 0.00                         |
| 06/07/96 04:45 | 0.00                         |
| 06/10/96 05:45 | 0.00                         |
| 06/10/96 06:00 | 0.00                         |
| 06/10/96 06:15 | 0.00                         |
| 06/10/96 06:30 | 0.00                         |
| 06/10/96 06:45 | 0.00                         |
| 06/10/96 07:00 | 0.00                         |
| 06/10/96 11:30 | 0.00                         |
| 06/10/96 11:45 | 0.00                         |
| 06/10/96 12:00 | 0.00                         |
| 06/10/96 12:30 | 0.00                         |
| 06/10/96 13:00 | 0.00                         |
| 06/15/96 16:30 | 0.00                         |
| 06/15/96 16:45 | 0.00                         |
| 06/15/96 17:00 | 0.01                         |
| 06/15/96 17:15 | 0.02                         |
| 06/15/96 17:30 | 0.01                         |
| 06/15/96 17:45 | 0.00                         |
| 07/01/96 00:15 | 0.00                         |
| 07/12/96 04:45 | 0.00                         |
| 07/12/96 05:15 | 0.01                         |
| 07/12/96 05:30 | 0.01                         |
| 07/12/96 05:45 | 0.05                         |
| 07/12/96 06:00 | 0.04                         |
| 07/12/96 06:15 | 0.06                         |
| 07/12/96 06:30 | 0.05                         |
| 07/12/96 06:45 | 0.02                         |
| 07/12/96 07:00 | 0.01                         |
| 07/12/96 07:15 | 0.01                         |
| 07/12/96 07:30 | 0.01                         |
| 07/12/96 07:45 | 0.01                         |
| 07/12/96 08:00 | 0.00                         |
| 07/12/96 08:15 | 0.01                         |
| 07/12/96 08:30 | 0.01                         |
| 07/12/96 08:45 | 0.01                         |
| 07/12/96 09:00 | 0.02                         |
| 07/12/96 09:15 | 0.01                         |
| 07/12/96 09:30 | 0.00                         |
| 07/12/96 09:45 | 0.00                         |
| 07/12/96 10:00 | 0.00                         |
| 07/12/96 10:15 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 07/12/96 10:45 | 0.00                         |
| 07/12/96 11:15 | 0.00                         |
| 07/12/96 11:45 | 0.00                         |
| 07/12/96 12:15 | 0.00                         |
| 07/12/96 14:00 | 0.00                         |
| 07/12/96 14:15 | 0.00                         |
| 07/12/96 15:00 | 0.00                         |
| 07/14/96 04:45 | 0.00                         |
| 07/14/96 05:00 | 0.00                         |
| 07/14/96 05:15 | 0.00                         |
| 07/14/96 05:30 | 0.00                         |
| 07/14/96 05:45 | 0.00                         |
| 07/14/96 06:00 | 0.00                         |
| 07/14/96 06:15 | 0.01                         |
| 07/14/96 06:30 | 0.01                         |
| 07/14/96 06:45 | 0.01                         |
| 07/14/96 07:00 | 0.00                         |
| 07/14/96 07:15 | 0.00                         |
| 07/14/96 07:30 | 0.00                         |
| 07/14/96 07:45 | 0.00                         |
| 07/14/96 08:15 | 0.00                         |
| 07/14/96 08:45 | 0.00                         |
| 07/14/96 10:45 | 0.00                         |
| 07/14/96 18:30 | 0.00                         |
| 07/14/96 18:45 | 0.00                         |
| 07/14/96 19:00 | 0.02                         |
| 07/14/96 19:15 | 0.01                         |
| 07/14/96 19:30 | 0.00                         |
| 07/14/96 20:00 | 0.00                         |
| 07/16/96 10:00 | 0.00                         |
| 07/16/96 11:00 | 0.00                         |
| 07/24/96 14:45 | 0.00                         |
| 07/24/96 15:00 | 0.00                         |
| 07/24/96 15:15 | 0.00                         |
| 07/27/96 01:45 | 0.00                         |
| 07/27/96 02:00 | 0.00                         |
| 07/27/96 02:15 | 0.00                         |
| 07/31/96 05:30 | 0.00                         |
| 07/31/96 05:45 | 0.00                         |
| 07/31/96 08:45 | 0.00                         |
| 07/31/96 09:15 | 0.00                         |
| 07/31/96 09:30 | 0.00                         |
| 07/31/96 09:45 | 0.00                         |
| 07/31/96 10:00 | 0.00                         |
| 07/31/96 10:15 | 0.00                         |
| 07/31/96 11:00 | 0.00                         |
| 07/31/96 11:15 | 0.00                         |
| 07/31/96 11:30 | 0.00                         |
| 07/31/96 11:45 | 0.00                         |
| 07/31/96 12:00 | 0.01                         |
| 07/31/96 12:15 | 0.01                         |
| 07/31/96 12:30 | 0.00                         |
| 07/31/96 12:45 | 0.00                         |
| 07/31/96 13:00 | 0.00                         |
| 08/01/96 00:15 | 0.00                         |
| 08/09/96 15:30 | 0.03                         |
| 08/09/96 15:45 | 0.05                         |
| 08/09/96 16:00 | 0.05                         |
| 08/09/96 16:15 | 0.01                         |
| 08/09/96 16:45 | 0.00                         |
| 08/09/96 17:15 | 0.00                         |
| 08/09/96 17:45 | 0.00                         |
| 08/10/96 00:45 | 0.00                         |
| 08/10/96 01:30 | 0.00                         |
| 08/11/96 19:30 | 0.00                         |
| 08/11/96 20:00 | 0.03                         |
| 08/11/96 20:15 | 0.04                         |
| 08/11/96 20:30 | 0.00                         |
| 08/11/96 20:45 | 0.00                         |
| 08/11/96 21:00 | 0.00                         |
| 08/16/96 10:30 | 0.00                         |
| 08/16/96 11:00 | 0.00                         |
| 08/16/96 11:45 | 0.00                         |
| 08/17/96 07:30 | 0.00                         |
| 08/17/96 07:45 | 0.00                         |
| 08/17/96 08:00 | 0.00                         |
| 08/17/96 08:15 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 08/17/96 08:30 | 0.00                         |
| 08/17/96 08:45 | 0.00                         |
| 08/17/96 09:00 | 0.00                         |
| 08/21/96 16:30 | 0.01                         |
| 08/21/96 16:45 | 0.00                         |
| 08/21/96 17:00 | 0.00                         |
| 08/23/96 15:00 | 0.00                         |
| 08/23/96 15:15 | 0.02                         |
| 08/23/96 15:30 | 0.01                         |
| 08/23/96 15:45 | 0.00                         |
| 08/23/96 16:15 | 0.00                         |
| 08/23/96 18:00 | 0.00                         |
| 08/23/96 18:45 | 0.00                         |
| 08/23/96 19:00 | 0.00                         |
| 08/25/96 17:30 | 0.00                         |
| 08/25/96 17:45 | 0.00                         |
| 08/25/96 18:00 | 0.00                         |
| 08/26/96 13:30 | 0.00                         |
| 08/26/96 13:45 | 0.00                         |
| 08/26/96 14:00 | 0.00                         |
| 08/27/96 08:45 | 0.00                         |
| 08/27/96 09:00 | 0.00                         |
| 08/27/96 09:15 | 0.00                         |
| 08/27/96 09:30 | 0.00                         |
| 08/27/96 09:45 | 0.00                         |
| 08/27/96 10:00 | 0.00                         |
| 08/27/96 10:15 | 0.00                         |
| 08/27/96 10:30 | 0.00                         |
| 08/27/96 10:45 | 0.00                         |
| 08/27/96 11:00 | 0.00                         |
| 08/27/96 11:15 | 0.00                         |
| 08/27/96 12:00 | 0.00                         |
| 08/27/96 12:30 | 0.00                         |
| 08/27/96 12:45 | 0.00                         |
| 08/27/96 13:00 | 0.00                         |
| 08/27/96 13:15 | 0.00                         |
| 08/27/96 13:30 | 0.01                         |
| 08/27/96 13:45 | 0.00                         |
| 08/27/96 14:00 | 0.00                         |
| 08/27/96 14:15 | 0.00                         |
| 08/27/96 14:30 | 0.00                         |
| 08/27/96 15:00 | 0.00                         |
| 08/28/96 22:15 | 0.00                         |
| 08/28/96 22:30 | 0.00                         |
| 08/28/96 22:45 | 0.00                         |
| 08/28/96 23:00 | 0.00                         |
| 08/29/96 00:15 | 0.00                         |
| 08/29/96 01:30 | 0.00                         |
| 08/29/96 02:45 | 0.00                         |
| 08/29/96 03:00 | 0.00                         |
| 08/29/96 03:15 | 0.01                         |
| 08/29/96 03:30 | 0.01                         |
| 08/29/96 03:45 | 0.00                         |
| 08/29/96 04:00 | 0.00                         |
| 08/29/96 04:15 | 0.00                         |
| 08/29/96 04:30 | 0.00                         |
| 08/29/96 04:45 | 0.00                         |
| 08/29/96 05:00 | 0.00                         |
| 08/29/96 05:15 | 0.00                         |
| 08/29/96 05:30 | 0.00                         |
| 08/29/96 05:45 | 0.00                         |
| 08/29/96 06:00 | 0.00                         |
| 08/29/96 06:15 | 0.00                         |
| 08/29/96 06:30 | 0.01                         |
| 08/29/96 06:45 | 0.01                         |
| 08/29/96 07:00 | 0.01                         |
| 08/29/96 07:15 | 0.01                         |
| 08/29/96 07:30 | 0.00                         |
| 08/29/96 07:45 | 0.00                         |
| 08/29/96 08:00 | 0.00                         |
| 08/29/96 08:15 | 0.01                         |
| 08/29/96 08:30 | 0.01                         |
| 08/29/96 08:45 | 0.01                         |
| 08/29/96 09:00 | 0.00                         |
| 08/29/96 15:15 | 0.00                         |
| 08/29/96 15:30 | 0.00                         |
| 08/29/96 18:30 | 0.00                         |



| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 08/29/96 19:00 | 0.00                         |
| 08/29/96 19:15 | 0.02                         |
| 08/29/96 19:30 | 0.00                         |
| 08/29/96 19:45 | 0.00                         |
| 08/29/96 20:00 | 0.00                         |
| 08/31/96 12:30 | 0.00                         |
| 08/31/96 12:45 | 0.00                         |
| 08/31/96 13:00 | 0.00                         |
| 08/31/96 13:15 | 0.00                         |
| 08/31/96 13:30 | 0.00                         |
| 08/31/96 13:45 | 0.00                         |
| 08/31/96 14:00 | 0.01                         |
| 08/31/96 14:15 | 0.01                         |
| 08/31/96 14:30 | 0.01                         |
| 08/31/96 14:45 | 0.01                         |
| 08/31/96 15:00 | 0.00                         |
| 08/31/96 15:15 | 0.00                         |
| 08/31/96 15:30 | 0.00                         |
| 08/31/96 15:45 | 0.00                         |
| 08/31/96 16:00 | 0.00                         |
| 08/31/96 16:15 | 0.00                         |
| 08/31/96 16:30 | 0.00                         |
| 08/31/96 16:45 | 0.00                         |
| 08/31/96 17:00 | 0.00                         |
| 08/31/96 17:15 | 0.00                         |
| 08/31/96 17:30 | 0.00                         |
| 08/31/96 18:00 | 0.00                         |
| 08/31/96 18:30 | 0.00                         |
| 08/31/96 18:45 | 0.00                         |
| 08/31/96 19:00 | 0.00                         |
| 09/01/96 00:15 | 0.00                         |
| 09/03/96 10:45 | 0.00                         |
| 09/03/96 11:15 | 0.00                         |
| 09/03/96 12:00 | 0.00                         |
| 09/05/96 18:30 | 0.01                         |
| 09/05/96 18:45 | 0.00                         |
| 09/05/96 19:00 | 0.00                         |
| 09/13/96 15:45 | 0.00                         |
| 09/13/96 16:00 | 0.00                         |
| 09/13/96 16:15 | 0.00                         |
| 09/13/96 16:30 | 0.01                         |
| 09/13/96 16:45 | 0.01                         |
| 09/13/96 17:45 | 0.00                         |
| 09/13/96 18:00 | 0.00                         |
| 09/14/96 23:45 | 0.00                         |
| 09/15/96 00:15 | 0.00                         |
| 09/15/96 01:00 | 0.00                         |
| 09/15/96 01:30 | 0.00                         |
| 09/15/96 01:45 | 0.00                         |
| 09/15/96 02:00 | 0.00                         |
| 09/15/96 02:15 | 0.00                         |
| 09/15/96 02:30 | 0.00                         |
| 09/15/96 02:45 | 0.00                         |
| 09/15/96 03:00 | 0.00                         |
| 09/15/96 03:15 | 0.00                         |
| 09/15/96 03:30 | 0.00                         |
| 09/15/96 03:45 | 0.00                         |
| 09/15/96 04:00 | 0.00                         |
| 09/15/96 04:15 | 0.00                         |
| 09/15/96 04:30 | 0.00                         |
| 09/15/96 04:45 | 0.00                         |
| 09/15/96 05:00 | 0.00                         |
| 09/15/96 05:15 | 0.01                         |
| 09/15/96 05:30 | 0.01                         |
| 09/15/96 05:45 | 0.01                         |
| 09/15/96 06:00 | 0.01                         |
| 09/15/96 06:15 | 0.00                         |
| 09/15/96 06:30 | 0.00                         |
| 09/15/96 07:15 | 0.00                         |
| 09/15/96 07:30 | 0.00                         |
| 09/15/96 07:45 | 0.00                         |
| 09/15/96 08:00 | 0.00                         |
| 09/15/96 08:15 | 0.02                         |
| 09/15/96 08:30 | 0.01                         |
| 09/15/96 09:00 | 0.00                         |
| 09/15/96 09:15 | 0.00                         |
| 09/15/96 09:30 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 09/15/96 09:45 | 0.00                         |
| 09/15/96 10:00 | 0.00                         |
| 09/18/96 08:30 | 0.00                         |
| 09/18/96 09:00 | 0.01                         |
| 09/18/96 09:15 | 0.01                         |
| 09/18/96 09:30 | 0.01                         |
| 09/18/96 09:45 | 0.00                         |
| 09/18/96 10:00 | 0.00                         |
| 09/18/96 10:15 | 0.01                         |
| 09/18/96 10:30 | 0.01                         |
| 09/18/96 10:45 | 0.01                         |
| 09/18/96 11:00 | 0.00                         |
| 09/19/96 10:00 | 0.00                         |
| 09/19/96 10:15 | 0.00                         |
| 09/19/96 10:30 | 0.00                         |
| 09/19/96 10:45 | 0.00                         |
| 09/19/96 11:00 | 0.00                         |
| 09/19/96 11:15 | 0.00                         |
| 09/19/96 11:30 | 0.00                         |
| 09/19/96 11:45 | 0.00                         |
| 09/19/96 12:00 | 0.00                         |
| 09/26/96 12:30 | 0.00                         |
| 09/26/96 12:45 | 0.00                         |
| 09/26/96 13:00 | 0.00                         |
| 10/01/96 00:15 | 0.00                         |
| 10/21/96 08:45 | 0.00                         |
| 10/21/96 09:00 | 0.02                         |
| 10/21/96 09:15 | 0.06                         |
| 10/21/96 09:30 | 0.02                         |
| 10/21/96 09:45 | 0.01                         |
| 10/21/96 10:00 | 0.01                         |
| 10/21/96 10:30 | 0.00                         |
| 10/21/96 11:15 | 0.00                         |
| 10/21/96 12:00 | 0.01                         |
| 10/21/96 12:15 | 0.01                         |
| 10/21/96 12:30 | 0.01                         |
| 10/21/96 12:45 | 0.01                         |
| 10/21/96 13:00 | 0.02                         |
| 10/21/96 13:15 | 0.01                         |
| 10/21/96 13:30 | 0.00                         |
| 10/21/96 14:30 | 0.00                         |
| 10/21/96 14:45 | 0.02                         |
| 10/21/96 15:00 | 0.02                         |
| 10/21/96 15:15 | 0.01                         |
| 10/21/96 15:30 | 0.00                         |
| 10/21/96 15:45 | 0.00                         |
| 10/21/96 16:00 | 0.00                         |
| 10/21/96 17:15 | 0.01                         |
| 10/21/96 18:15 | 0.00                         |
| 10/21/96 21:30 | 0.00                         |
| 10/21/96 21:45 | 0.00                         |
| 10/21/96 22:15 | 0.01                         |
| 10/21/96 22:30 | 0.00                         |
| 10/21/96 23:15 | 0.00                         |
| 10/21/96 23:30 | 0.00                         |
| 10/22/96 00:30 | 0.00                         |
| 10/22/96 01:45 | 0.00                         |
| 10/22/96 02:00 | 0.00                         |
| 10/22/96 02:15 | 0.00                         |
| 10/22/96 03:00 | 0.00                         |
| 10/22/96 03:30 | 0.00                         |
| 10/22/96 03:45 | 0.00                         |
| 10/22/96 04:00 | 0.00                         |
| 10/22/96 04:15 | 0.00                         |
| 10/22/96 05:00 | 0.00                         |
| 10/27/96 15:45 | 0.04                         |
| 10/27/96 16:00 | 0.03                         |
| 10/27/96 16:15 | 0.02                         |
| 10/27/96 16:30 | 0.04                         |
| 10/27/96 16:45 | 0.01                         |
| 10/27/96 17:00 | 0.00                         |
| 10/27/96 17:15 | 0.00                         |
| 10/27/96 17:30 | 0.00                         |
| 10/27/96 17:45 | 0.00                         |
| 10/27/96 18:00 | 0.00                         |
| 10/27/96 18:15 | 0.00                         |
| 10/27/96 18:30 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 10/27/96 18:45 | 0.00                         |
| 10/27/96 19:15 | 0.00                         |
| 10/27/96 19:45 | 0.00                         |
| 10/27/96 20:00 | 0.01                         |
| 10/27/96 20:15 | 0.01                         |
| 10/27/96 20:30 | 0.03                         |
| 10/27/96 20:45 | 0.03                         |
| 10/27/96 21:00 | 0.02                         |
| 10/27/96 21:15 | 0.02                         |
| 10/27/96 21:30 | 0.01                         |
| 10/27/96 21:45 | 0.01                         |
| 10/27/96 22:00 | 0.01                         |
| 10/27/96 22:15 | 0.01                         |
| 10/27/96 22:30 | 0.01                         |
| 10/27/96 22:45 | 0.01                         |
| 10/27/96 23:00 | 0.01                         |
| 10/27/96 23:15 | 0.00                         |
| 10/27/96 23:30 | 0.00                         |
| 10/27/96 23:45 | 0.00                         |
| 10/28/96 02:15 | 0.00                         |
| 10/28/96 03:15 | 0.00                         |
| 10/28/96 04:30 | 0.00                         |
| 10/28/96 04:45 | 0.00                         |
| 10/28/96 05:00 | 0.00                         |
| 10/28/96 05:15 | 0.01                         |
| 10/28/96 05:30 | 0.00                         |
| 10/28/96 07:15 | 0.00                         |
| 10/28/96 07:30 | 0.00                         |
| 10/28/96 07:45 | 0.00                         |
| 10/28/96 08:00 | 0.00                         |
| 10/28/96 08:15 | 0.00                         |
| 10/28/96 08:30 | 0.00                         |
| 10/28/96 08:45 | 0.00                         |
| 10/28/96 09:00 | 0.01                         |
| 10/28/96 09:15 | 0.01                         |
| 10/28/96 09:30 | 0.01                         |
| 10/28/96 09:45 | 0.01                         |
| 10/28/96 10:00 | 0.00                         |
| 10/29/96 09:30 | 0.00                         |
| 10/29/96 09:45 | 0.00                         |
| 10/30/96 07:15 | 0.00                         |
| 10/31/96 07:00 | 0.00                         |
| 11/01/96 00:15 | 0.00                         |
| 11/01/96 04:30 | 0.01                         |
| 11/01/96 05:00 | 0.00                         |
| 11/01/96 05:30 | 0.00                         |
| 11/01/96 06:15 | 0.00                         |
| 11/01/96 06:30 | 0.00                         |
| 11/01/96 06:45 | 0.01                         |
| 11/01/96 09:30 | 0.00                         |
| 11/01/96 09:45 | 0.00                         |
| 11/01/96 10:00 | 0.00                         |
| 11/01/96 10:15 | 0.01                         |
| 11/01/96 10:30 | 0.01                         |
| 11/01/96 10:45 | 0.01                         |
| 11/01/96 11:00 | 0.00                         |
| 11/01/96 11:15 | 0.00                         |
| 11/01/96 11:30 | 0.00                         |
| 11/01/96 12:00 | 0.00                         |
| 11/01/96 12:45 | 0.00                         |
| 11/01/96 13:00 | 0.01                         |
| 11/06/96 18:30 | 0.00                         |
| 11/06/96 19:00 | 0.00                         |
| 11/06/96 19:15 | 0.00                         |
| 11/06/96 20:00 | 0.00                         |
| 11/06/96 20:45 | 0.00                         |
| 11/06/96 21:30 | 0.01                         |
| 11/06/96 21:45 | 0.01                         |
| 11/06/96 22:00 | 0.01                         |
| 11/06/96 22:15 | 0.01                         |
| 11/06/96 22:30 | 0.01                         |
| 11/06/96 22:45 | 0.01                         |
| 11/06/96 23:00 | 0.00                         |
| 11/06/96 23:15 | 0.01                         |
| 11/06/96 23:30 | 0.01                         |
| 11/06/96 23:45 | 0.01                         |
| 11/07/96 00:15 | 0.03                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 11/07/96 00:30 | 0.02                         |
| 11/07/96 00:45 | 0.03                         |
| 11/07/96 01:00 | 0.00                         |
| 11/07/96 01:15 | 0.01                         |
| 11/07/96 01:30 | 0.01                         |
| 11/07/96 01:45 | 0.01                         |
| 11/07/96 02:00 | 0.01                         |
| 11/07/96 02:15 | 0.01                         |
| 11/07/96 02:30 | 0.01                         |
| 11/07/96 02:45 | 0.00                         |
| 11/07/96 03:00 | 0.00                         |
| 11/07/96 03:15 | 0.00                         |
| 11/07/96 03:30 | 0.00                         |
| 11/07/96 03:45 | 0.00                         |
| 11/07/96 04:00 | 0.00                         |
| 11/07/96 04:15 | 0.00                         |
| 11/15/96 16:00 | 0.00                         |
| 11/15/96 16:30 | 0.00                         |
| 11/15/96 16:45 | 0.00                         |
| 11/15/96 17:00 | 0.00                         |
| 11/16/96 23:45 | 0.00                         |
| 11/17/96 00:15 | 0.03                         |
| 11/17/96 00:30 | 0.00                         |
| 11/17/96 00:45 | 0.00                         |
| 11/17/96 01:00 | 0.01                         |
| 11/23/96 21:30 | 0.00                         |
| 11/23/96 21:45 | 0.00                         |
| 11/23/96 22:00 | 0.00                         |
| 11/23/96 22:15 | 0.00                         |
| 11/23/96 22:30 | 0.00                         |
| 11/23/96 22:45 | 0.00                         |
| 11/23/96 23:00 | 0.00                         |
| 11/23/96 23:15 | 0.00                         |
| 11/23/96 23:30 | 0.02                         |
| 11/23/96 23:45 | 0.00                         |
| 11/24/96 01:00 | 0.00                         |
| 11/24/96 01:15 | 0.02                         |
| 11/24/96 01:30 | 0.01                         |
| 11/24/96 01:45 | 0.01                         |
| 11/24/96 02:00 | 0.01                         |
| 11/24/96 02:15 | 0.00                         |
| 11/24/96 02:30 | 0.00                         |
| 11/24/96 02:45 | 0.00                         |
| 11/24/96 03:00 | 0.00                         |
| 11/24/96 03:15 | 0.00                         |
| 11/24/96 03:45 | 0.01                         |
| 11/24/96 04:00 | 0.01                         |
| 11/24/96 06:45 | 0.00                         |
| 11/24/96 07:00 | 0.01                         |
| 11/24/96 07:15 | 0.00                         |
| 11/24/96 08:00 | 0.00                         |
| 11/24/96 08:15 | 0.00                         |
| 11/24/96 08:30 | 0.00                         |
| 11/24/96 08:45 | 0.00                         |
| 11/24/96 09:00 | 0.00                         |
| 11/24/96 09:15 | 0.00                         |
| 11/24/96 09:30 | 0.00                         |
| 11/24/96 09:45 | 0.00                         |
| 11/24/96 10:00 | 0.00                         |
| 11/24/96 10:15 | 0.01                         |
| 11/24/96 10:30 | 0.01                         |
| 11/24/96 10:45 | 0.01                         |
| 11/24/96 11:00 | 0.00                         |
| 11/24/96 11:15 | 0.00                         |
| 11/24/96 11:30 | 0.00                         |
| 11/24/96 12:00 | 0.00                         |
| 11/24/96 12:30 | 0.00                         |
| 11/24/96 12:45 | 0.00                         |
| 11/24/96 13:00 | 0.00                         |
| 11/24/96 14:30 | 0.00                         |
| 11/24/96 14:45 | 0.00                         |
| 11/24/96 15:00 | 0.00                         |
| 11/24/96 15:15 | 0.00                         |
| 11/24/96 15:30 | 0.00                         |
| 11/24/96 16:00 | 0.00                         |
| 11/24/96 16:45 | 0.00                         |
| 11/24/96 17:30 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 11/24/96 18:15 | 0.00                         |
| 11/24/96 18:45 | 0.00                         |
| 11/24/96 19:30 | 0.00                         |
| 11/24/96 20:00 | 0.00                         |
| 11/24/96 20:30 | 0.00                         |
| 11/24/96 21:00 | 0.00                         |
| 11/24/96 21:15 | 0.00                         |
| 11/24/96 21:30 | 0.01                         |
| 11/24/96 21:45 | 0.00                         |
| 11/24/96 22:00 | 0.00                         |
| 11/24/96 22:15 | 0.00                         |
| 11/24/96 22:45 | 0.00                         |
| 11/24/96 23:30 | 0.00                         |
| 11/25/96 01:00 | 0.00                         |
| 11/25/96 01:30 | 0.00                         |
| 11/25/96 02:00 | 0.00                         |
| 11/25/96 02:30 | 0.00                         |
| 11/25/96 03:00 | 0.00                         |
| 11/25/96 03:30 | 0.00                         |
| 11/25/96 03:45 | 0.00                         |
| 11/25/96 04:00 | 0.00                         |
| 11/28/96 21:45 | 0.00                         |
| 11/28/96 22:00 | 0.00                         |
| 11/28/96 22:15 | 0.00                         |
| 11/28/96 22:30 | 0.00                         |
| 11/28/96 23:00 | 0.00                         |
| 11/29/96 01:00 | 0.00                         |
| 11/29/96 01:15 | 0.00                         |
| 11/29/96 01:30 | 0.00                         |
| 11/29/96 01:45 | 0.00                         |
| 11/29/96 02:00 | 0.01                         |
| 11/29/96 02:15 | 0.01                         |
| 11/29/96 02:30 | 0.00                         |
| 11/29/96 02:45 | 0.00                         |
| 11/29/96 03:00 | 0.00                         |
| 11/29/96 03:15 | 0.00                         |
| 11/29/96 03:30 | 0.00                         |
| 11/29/96 03:45 | 0.00                         |
| 11/29/96 04:00 | 0.00                         |
| 11/29/96 04:15 | 0.00                         |
| 11/29/96 04:30 | 0.00                         |
| 11/29/96 04:45 | 0.00                         |
| 11/29/96 05:00 | 0.00                         |
| 11/29/96 05:15 | 0.00                         |
| 11/29/96 05:30 | 0.00                         |
| 11/29/96 05:45 | 0.00                         |
| 11/29/96 06:00 | 0.00                         |
| 11/29/96 06:15 | 0.00                         |
| 11/29/96 06:30 | 0.00                         |
| 11/29/96 06:45 | 0.00                         |
| 11/29/96 07:00 | 0.00                         |
| 11/29/96 07:15 | 0.00                         |
| 11/29/96 07:30 | 0.00                         |
| 11/29/96 07:45 | 0.00                         |
| 11/29/96 08:00 | 0.00                         |
| 11/29/96 08:15 | 0.00                         |
| 11/29/96 08:30 | 0.00                         |
| 11/29/96 08:45 | 0.00                         |
| 11/29/96 09:00 | 0.00                         |
| 11/30/96 08:00 | 0.01                         |
| 11/30/96 08:15 | 0.01                         |
| 11/30/96 08:30 | 0.01                         |
| 11/30/96 08:45 | 0.00                         |
| 11/30/96 09:00 | 0.00                         |
| 12/01/96 00:15 | 0.00                         |
| 12/14/96 23:45 | 0.00                         |
| 12/15/96 00:15 | 0.01                         |
| 12/15/96 00:30 | 0.01                         |
| 12/15/96 00:45 | 0.01                         |
| 12/15/96 01:00 | 0.01                         |
| 12/15/96 01:15 | 0.00                         |
| 12/15/96 01:30 | 0.00                         |
| 12/15/96 01:45 | 0.00                         |
| 12/15/96 02:00 | 0.00                         |
| 01/01/97 00:15 | 0.00                         |
| 01/05/97 23:15 | 0.00                         |
| 01/05/97 23:30 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 01/05/97 23:45 | 0.00                         |
| 01/06/97 00:15 | 0.00                         |
| 01/06/97 00:45 | 0.00                         |
| 01/06/97 01:15 | 0.00                         |
| 01/08/97 01:30 | 0.00                         |
| 01/08/97 01:45 | 0.00                         |
| 01/08/97 02:00 | 0.00                         |
| 01/08/97 02:15 | 0.00                         |
| 01/08/97 02:45 | 0.00                         |
| 01/08/97 03:15 | 0.00                         |
| 01/08/97 03:45 | 0.00                         |
| 01/08/97 04:15 | 0.00                         |
| 01/08/97 05:30 | 0.00                         |
| 01/08/97 05:45 | 0.00                         |
| 01/08/97 06:00 | 0.00                         |
| 01/08/97 06:15 | 0.00                         |
| 01/08/97 06:30 | 0.00                         |
| 01/08/97 06:45 | 0.00                         |
| 01/08/97 07:00 | 0.00                         |
| 01/08/97 08:00 | 0.00                         |
| 01/08/97 08:15 | 0.00                         |
| 01/08/97 08:30 | 0.00                         |
| 01/08/97 08:45 | 0.00                         |
| 01/08/97 09:00 | 0.00                         |
| 01/08/97 09:30 | 0.00                         |
| 01/08/97 10:00 | 0.00                         |
| 01/08/97 11:45 | 0.00                         |
| 01/08/97 14:45 | 0.00                         |
| 01/08/97 15:00 | 0.00                         |
| 01/08/97 15:15 | 0.00                         |
| 01/08/97 15:30 | 0.00                         |
| 01/08/97 15:45 | 0.00                         |
| 01/08/97 16:00 | 0.00                         |
| 01/08/97 17:00 | 0.00                         |
| 01/08/97 17:45 | 0.00                         |
| 01/08/97 18:30 | 0.00                         |
| 01/12/97 16:15 | 0.00                         |
| 01/12/97 16:30 | 0.00                         |
| 01/12/97 16:45 | 0.00                         |
| 01/12/97 17:15 | 0.00                         |
| 01/12/97 17:30 | 0.00                         |
| 01/12/97 17:45 | 0.00                         |
| 01/16/97 17:00 | 0.00                         |
| 01/16/97 17:15 | 0.00                         |
| 02/01/97 00:15 | 0.00                         |
| 02/05/97 23:30 | 0.00                         |
| 02/05/97 23:45 | 0.00                         |
| 02/06/97 00:15 | 0.00                         |
| 02/06/97 00:30 | 0.00                         |
| 02/06/97 00:45 | 0.00                         |
| 02/06/97 01:00 | 0.00                         |
| 02/06/97 02:30 | 0.00                         |
| 02/06/97 03:30 | 0.00                         |
| 02/06/97 04:30 | 0.00                         |
| 02/06/97 04:45 | 0.00                         |
| 02/06/97 05:00 | 0.00                         |
| 02/06/97 05:15 | 0.01                         |
| 02/06/97 05:30 | 0.01                         |
| 02/06/97 05:45 | 0.01                         |
| 02/06/97 06:00 | 0.01                         |
| 02/06/97 06:15 | 0.00                         |
| 02/06/97 06:30 | 0.00                         |
| 02/06/97 06:45 | 0.01                         |
| 02/06/97 07:00 | 0.01                         |
| 02/06/97 07:15 | 0.01                         |
| 02/06/97 07:30 | 0.01                         |
| 02/06/97 07:45 | 0.01                         |
| 02/06/97 08:00 | 0.01                         |
| 02/06/97 08:15 | 0.01                         |
| 02/06/97 08:30 | 0.01                         |
| 02/06/97 08:45 | 0.01                         |
| 02/06/97 09:00 | 0.01                         |
| 02/06/97 09:15 | 0.01                         |
| 02/06/97 09:30 | 0.01                         |
| 02/06/97 10:00 | 0.00                         |
| 02/06/97 10:30 | 0.00                         |
| 02/06/97 10:45 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 02/06/97 11:00 | 0.00                         |
| 02/06/97 12:15 | 0.00                         |
| 02/06/97 12:30 | 0.00                         |
| 02/06/97 12:45 | 0.00                         |
| 02/06/97 13:00 | 0.00                         |
| 02/06/97 14:00 | 0.00                         |
| 02/06/97 14:15 | 0.00                         |
| 02/06/97 14:30 | 0.00                         |
| 02/06/97 15:00 | 0.00                         |
| 02/06/97 15:30 | 0.00                         |
| 02/06/97 16:00 | 0.00                         |
| 02/06/97 16:15 | 0.00                         |
| 02/06/97 16:30 | 0.00                         |
| 02/06/97 17:00 | 0.00                         |
| 02/06/97 17:30 | 0.00                         |
| 02/06/97 18:15 | 0.00                         |
| 02/06/97 18:45 | 0.00                         |
| 02/06/97 19:00 | 0.00                         |
| 02/06/97 21:30 | 0.00                         |
| 02/06/97 21:45 | 0.00                         |
| 02/06/97 22:00 | 0.00                         |
| 02/06/97 22:30 | 0.00                         |
| 02/06/97 23:45 | 0.00                         |
| 02/07/97 00:45 | 0.00                         |
| 02/07/97 03:15 | 0.00                         |
| 02/07/97 03:30 | 0.00                         |
| 02/07/97 03:45 | 0.00                         |
| 02/07/97 04:00 | 0.00                         |
| 02/07/97 04:15 | 0.00                         |
| 02/07/97 04:30 | 0.00                         |
| 02/07/97 04:45 | 0.00                         |
| 02/07/97 05:00 | 0.00                         |
| 02/07/97 05:15 | 0.00                         |
| 02/07/97 05:30 | 0.00                         |
| 02/07/97 05:45 | 0.00                         |
| 02/07/97 06:00 | 0.00                         |
| 02/07/97 06:15 | 0.00                         |
| 02/07/97 06:30 | 0.00                         |
| 02/09/97 19:00 | 0.00                         |
| 02/09/97 19:45 | 0.00                         |
| 02/09/97 20:00 | 0.00                         |
| 02/12/97 02:15 | 0.00                         |
| 02/12/97 02:30 | 0.00                         |
| 02/12/97 02:45 | 0.00                         |
| 02/12/97 03:00 | 0.00                         |
| 02/12/97 03:30 | 0.00                         |
| 02/12/97 04:00 | 0.00                         |
| 02/12/97 04:45 | 0.00                         |
| 02/12/97 05:00 | 0.01                         |
| 02/12/97 05:15 | 0.01                         |
| 02/12/97 05:30 | 0.01                         |
| 02/12/97 05:45 | 0.00                         |
| 02/12/97 06:00 | 0.00                         |
| 02/12/97 06:15 | 0.00                         |
| 02/12/97 06:30 | 0.00                         |
| 02/12/97 06:45 | 0.00                         |
| 02/12/97 07:00 | 0.00                         |
| 02/12/97 07:15 | 0.00                         |
| 02/12/97 07:45 | 0.00                         |
| 02/12/97 08:00 | 0.00                         |
| 02/12/97 08:15 | 0.00                         |
| 02/12/97 08:30 | 0.00                         |
| 02/12/97 08:45 | 0.00                         |
| 02/12/97 09:00 | 0.01                         |
| 02/12/97 09:15 | 0.01                         |
| 02/12/97 09:30 | 0.01                         |
| 02/12/97 09:45 | 0.00                         |
| 02/12/97 10:00 | 0.00                         |
| 02/12/97 10:15 | 0.00                         |
| 02/12/97 10:30 | 0.00                         |
| 02/12/97 10:45 | 0.00                         |
| 02/12/97 11:00 | 0.00                         |
| 02/12/97 11:15 | 0.00                         |
| 02/12/97 11:30 | 0.00                         |
| 02/12/97 11:45 | 0.00                         |
| 02/12/97 12:00 | 0.00                         |
| 02/12/97 12:15 | 0.01                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 02/12/97 12:30 | 0.01                         |
| 02/12/97 12:45 | 0.01                         |
| 02/12/97 13:00 | 0.00                         |
| 02/12/97 13:15 | 0.00                         |
| 02/12/97 13:30 | 0.00                         |
| 02/12/97 13:45 | 0.01                         |
| 02/12/97 14:00 | 0.01                         |
| 02/12/97 14:15 | 0.01                         |
| 02/12/97 14:30 | 0.01                         |
| 02/12/97 14:45 | 0.00                         |
| 02/12/97 15:00 | 0.00                         |
| 02/12/97 15:15 | 0.01                         |
| 02/12/97 15:30 | 0.01                         |
| 02/12/97 15:45 | 0.01                         |
| 02/12/97 16:00 | 0.01                         |
| 02/12/97 16:15 | 0.00                         |
| 02/12/97 16:30 | 0.00                         |
| 02/12/97 16:45 | 0.00                         |
| 02/12/97 17:00 | 0.00                         |
| 02/12/97 17:15 | 0.01                         |
| 02/12/97 17:30 | 0.01                         |
| 02/12/97 17:45 | 0.01                         |
| 02/12/97 18:00 | 0.00                         |
| 02/12/97 18:15 | 0.00                         |
| 02/12/97 18:30 | 0.00                         |
| 02/12/97 18:45 | 0.00                         |
| 02/12/97 19:00 | 0.00                         |
| 02/12/97 19:15 | 0.00                         |
| 02/12/97 19:30 | 0.00                         |
| 02/12/97 19:45 | 0.00                         |
| 02/12/97 20:00 | 0.00                         |
| 02/12/97 20:15 | 0.00                         |
| 02/12/97 20:30 | 0.00                         |
| 02/12/97 20:45 | 0.00                         |
| 02/12/97 21:00 | 0.00                         |
| 02/12/97 21:45 | 0.00                         |
| 02/12/97 22:00 | 0.00                         |
| 02/12/97 22:15 | 0.00                         |
| 02/12/97 22:30 | 0.00                         |
| 02/12/97 22:45 | 0.00                         |
| 02/12/97 23:00 | 0.00                         |
| 02/12/97 23:15 | 0.00                         |
| 02/12/97 23:30 | 0.00                         |
| 02/12/97 23:45 | 0.00                         |
| 02/13/97 00:15 | 0.00                         |
| 02/13/97 00:30 | 0.00                         |
| 02/13/97 00:45 | 0.00                         |
| 02/13/97 01:00 | 0.00                         |
| 02/13/97 01:15 | 0.00                         |
| 02/13/97 01:30 | 0.00                         |
| 02/13/97 01:45 | 0.00                         |
| 02/13/97 02:00 | 0.00                         |
| 02/13/97 02:15 | 0.00                         |
| 02/13/97 03:00 | 0.00                         |
| 02/19/97 12:45 | 0.00                         |
| 02/19/97 13:00 | 0.01                         |
| 02/19/97 13:15 | 0.01                         |
| 02/19/97 13:30 | 0.00                         |
| 02/19/97 13:45 | 0.00                         |
| 02/19/97 14:00 | 0.00                         |
| 02/19/97 14:15 | 0.00                         |
| 02/19/97 14:30 | 0.00                         |
| 02/19/97 14:45 | 0.00                         |
| 02/19/97 15:00 | 0.00                         |
| 02/19/97 15:15 | 0.00                         |
| 02/19/97 15:30 | 0.01                         |
| 02/19/97 15:45 | 0.01                         |
| 02/19/97 16:00 | 0.01                         |
| 02/19/97 16:15 | 0.00                         |
| 02/19/97 16:30 | 0.01                         |
| 02/19/97 16:45 | 0.02                         |
| 02/19/97 17:00 | 0.02                         |
| 02/19/97 17:15 | 0.01                         |
| 02/19/97 17:30 | 0.01                         |
| 02/19/97 17:45 | 0.01                         |
| 02/19/97 18:00 | 0.01                         |
| 02/19/97 18:15 | 0.01                         |



| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 02/19/97 19:00 | 0.00                         |
| 02/19/97 19:15 | 0.00                         |
| 02/19/97 19:30 | 0.00                         |
| 02/19/97 19:45 | 0.00                         |
| 02/19/97 20:00 | 0.00                         |
| 02/19/97 20:30 | 0.00                         |
| 02/19/97 20:45 | 0.00                         |
| 02/19/97 21:00 | 0.00                         |
| 02/20/97 13:30 | 0.00                         |
| 02/20/97 13:45 | 0.01                         |
| 02/20/97 14:00 | 0.03                         |
| 02/20/97 14:15 | 0.01                         |
| 02/20/97 14:30 | 0.01                         |
| 02/20/97 14:45 | 0.01                         |
| 02/20/97 15:00 | 0.01                         |
| 02/20/97 15:15 | 0.01                         |
| 02/20/97 15:30 | 0.00                         |
| 02/20/97 16:00 | 0.00                         |
| 02/20/97 16:15 | 0.01                         |
| 02/20/97 16:30 | 0.01                         |
| 02/20/97 16:45 | 0.00                         |
| 02/20/97 17:00 | 0.00                         |
| 02/20/97 17:15 | 0.00                         |
| 02/20/97 17:30 | 0.00                         |
| 02/20/97 17:45 | 0.00                         |
| 02/20/97 18:00 | 0.00                         |
| 02/24/97 17:15 | 0.00                         |
| 02/24/97 17:45 | 0.00                         |
| 02/24/97 18:00 | 0.00                         |
| 02/24/97 18:15 | 0.00                         |
| 02/24/97 18:30 | 0.00                         |
| 02/24/97 18:45 | 0.00                         |
| 02/24/97 19:00 | 0.00                         |
| 02/25/97 12:30 | 0.00                         |
| 02/25/97 12:45 | 0.00                         |
| 02/25/97 13:00 | 0.00                         |
| 02/25/97 13:15 | 0.00                         |
| 02/25/97 13:30 | 0.00                         |
| 02/25/97 13:45 | 0.00                         |
| 02/25/97 14:00 | 0.00                         |
| 02/25/97 14:15 | 0.00                         |
| 02/25/97 14:30 | 0.00                         |
| 02/25/97 14:45 | 0.00                         |
| 02/25/97 15:00 | 0.00                         |
| 02/25/97 16:00 | 0.00                         |
| 02/25/97 16:15 | 0.00                         |
| 02/25/97 16:30 | 0.00                         |
| 02/25/97 17:00 | 0.00                         |
| 02/25/97 17:30 | 0.00                         |
| 02/25/97 18:00 | 0.00                         |
| 02/25/97 18:45 | 0.00                         |
| 02/25/97 22:45 | 0.00                         |
| 02/25/97 23:30 | 0.00                         |
| 02/26/97 01:15 | 0.00                         |
| 02/26/97 01:45 | 0.00                         |
| 02/26/97 02:15 | 0.00                         |
| 02/26/97 02:45 | 0.00                         |
| 02/26/97 03:15 | 0.00                         |
| 02/26/97 03:30 | 0.00                         |
| 02/26/97 03:45 | 0.00                         |
| 02/26/97 04:00 | 0.00                         |
| 02/26/97 04:15 | 0.00                         |
| 02/26/97 04:30 | 0.00                         |
| 02/26/97 04:45 | 0.00                         |
| 02/26/97 05:00 | 0.00                         |
| 02/26/97 05:15 | 0.00                         |
| 02/26/97 05:30 | 0.00                         |
| 02/26/97 06:45 | 0.00                         |
| 02/26/97 07:00 | 0.00                         |
| 03/01/97 00:15 | 0.00                         |
| 03/02/97 04:15 | 0.00                         |
| 03/02/97 04:30 | 0.00                         |
| 03/02/97 04:45 | 0.00                         |
| 03/02/97 05:00 | 0.00                         |
| 03/02/97 05:15 | 0.00                         |
| 03/02/97 05:30 | 0.00                         |
| 03/02/97 05:45 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 03/02/97 06:00 | 0.00                         |
| 03/02/97 08:30 | 0.00                         |
| 03/02/97 08:45 | 0.00                         |
| 03/02/97 09:00 | 0.01                         |
| 03/02/97 12:30 | 0.00                         |
| 03/02/97 12:45 | 0.00                         |
| 03/02/97 13:15 | 0.00                         |
| 03/02/97 13:30 | 0.01                         |
| 03/02/97 13:45 | 0.00                         |
| 03/02/97 14:00 | 0.00                         |
| 03/02/97 14:15 | 0.01                         |
| 03/02/97 14:30 | 0.01                         |
| 03/02/97 14:45 | 0.01                         |
| 03/02/97 15:00 | 0.00                         |
| 03/02/97 15:15 | 0.00                         |
| 03/02/97 15:30 | 0.00                         |
| 03/02/97 15:45 | 0.00                         |
| 03/02/97 16:00 | 0.00                         |
| 03/02/97 16:15 | 0.00                         |
| 03/02/97 16:30 | 0.00                         |
| 03/05/97 02:45 | 0.00                         |
| 03/05/97 03:00 | 0.01                         |
| 03/05/97 03:15 | 0.00                         |
| 03/05/97 03:30 | 0.00                         |
| 03/05/97 03:45 | 0.00                         |
| 03/05/97 04:00 | 0.00                         |
| 03/06/97 08:00 | 0.00                         |
| 03/08/97 07:00 | 0.01                         |
| 03/12/97 08:30 | 0.00                         |
| 03/12/97 08:45 | 0.00                         |
| 03/12/97 10:00 | 0.00                         |
| 03/12/97 10:15 | 0.00                         |
| 03/12/97 10:30 | 0.01                         |
| 03/12/97 10:45 | 0.01                         |
| 03/12/97 11:00 | 0.01                         |
| 03/12/97 11:15 | 0.01                         |
| 03/12/97 11:30 | 0.01                         |
| 03/12/97 11:45 | 0.01                         |
| 03/12/97 12:15 | 0.00                         |
| 03/12/97 12:30 | 0.01                         |
| 03/12/97 12:45 | 0.01                         |
| 03/12/97 13:00 | 0.01                         |
| 03/12/97 13:15 | 0.00                         |
| 03/12/97 13:30 | 0.00                         |
| 03/12/97 13:45 | 0.00                         |
| 03/12/97 14:45 | 0.00                         |
| 03/12/97 15:15 | 0.00                         |
| 03/12/97 16:15 | 0.00                         |
| 03/12/97 16:45 | 0.00                         |
| 03/12/97 17:15 | 0.00                         |
| 03/12/97 17:30 | 0.00                         |
| 03/12/97 17:45 | 0.00                         |
| 03/12/97 18:00 | 0.00                         |
| 03/13/97 00:30 | 0.00                         |
| 03/13/97 01:00 | 0.00                         |
| 03/25/97 02:45 | 0.00                         |
| 03/25/97 03:00 | 0.01                         |
| 03/25/97 03:15 | 0.01                         |
| 03/25/97 03:30 | 0.00                         |
| 03/25/97 03:45 | 0.00                         |
| 03/25/97 04:00 | 0.00                         |
| 03/25/97 04:15 | 0.00                         |
| 03/25/97 04:30 | 0.00                         |
| 03/25/97 04:45 | 0.00                         |
| 03/25/97 05:30 | 0.00                         |
| 03/25/97 05:45 | 0.01                         |
| 03/25/97 06:00 | 0.01                         |
| 03/25/97 06:15 | 0.00                         |
| 03/25/97 06:30 | 0.00                         |
| 03/25/97 06:45 | 0.00                         |
| 03/25/97 07:00 | 0.00                         |
| 03/25/97 08:00 | 0.00                         |
| 03/25/97 08:15 | 0.00                         |
| 03/25/97 08:30 | 0.00                         |
| 03/25/97 08:45 | 0.00                         |
| 03/25/97 09:00 | 0.00                         |
| 03/28/97 08:00 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 03/30/97 07:00 | 0.01                         |
| 04/01/97 00:15 | 0.00                         |
| 04/03/97 18:30 | 0.00                         |
| 04/03/97 18:45 | 0.00                         |
| 04/03/97 19:00 | 0.00                         |
| 04/03/97 19:15 | 0.00                         |
| 04/03/97 19:30 | 0.00                         |
| 04/03/97 19:45 | 0.00                         |
| 04/03/97 20:00 | 0.00                         |
| 04/03/97 20:15 | 0.00                         |
| 04/03/97 20:30 | 0.00                         |
| 04/03/97 20:45 | 0.00                         |
| 04/03/97 21:00 | 0.00                         |
| 04/03/97 21:15 | 0.00                         |
| 04/03/97 21:30 | 0.00                         |
| 04/03/97 21:45 | 0.00                         |
| 04/03/97 22:00 | 0.00                         |
| 04/03/97 22:15 | 0.01                         |
| 04/03/97 22:30 | 0.00                         |
| 04/03/97 22:45 | 0.00                         |
| 04/03/97 23:00 | 0.00                         |
| 04/03/97 23:15 | 0.00                         |
| 04/03/97 23:30 | 0.00                         |
| 04/03/97 23:45 | 0.00                         |
| 04/04/97 00:15 | 0.00                         |
| 04/04/97 00:30 | 0.00                         |
| 04/04/97 00:45 | 0.00                         |
| 04/04/97 01:00 | 0.00                         |
| 04/04/97 01:45 | 0.00                         |
| 04/04/97 02:00 | 0.00                         |
| 04/04/97 05:30 | 0.00                         |
| 04/04/97 05:45 | 0.00                         |
| 04/04/97 06:00 | 0.00                         |
| 04/04/97 06:15 | 0.01                         |
| 04/04/97 06:30 | 0.01                         |
| 04/04/97 06:45 | 0.00                         |
| 04/04/97 08:15 | 0.00                         |
| 04/04/97 08:45 | 0.01                         |
| 04/04/97 09:00 | 0.01                         |
| 04/04/97 09:15 | 0.01                         |
| 04/04/97 09:30 | 0.01                         |
| 04/04/97 09:45 | 0.01                         |
| 04/04/97 10:00 | 0.00                         |
| 04/04/97 10:15 | 0.00                         |
| 04/04/97 10:30 | 0.00                         |
| 04/04/97 10:45 | 0.00                         |
| 04/04/97 11:30 | 0.00                         |
| 04/04/97 11:45 | 0.01                         |
| 04/04/97 12:00 | 0.01                         |
| 04/04/97 12:15 | 0.00                         |
| 04/04/97 12:45 | 0.00                         |
| 04/04/97 13:15 | 0.00                         |
| 04/04/97 13:45 | 0.00                         |
| 04/04/97 14:00 | 0.00                         |
| 04/04/97 16:45 | 0.00                         |
| 04/04/97 17:00 | 0.00                         |
| 04/04/97 17:15 | 0.01                         |
| 04/04/97 17:30 | 0.01                         |
| 04/04/97 17:45 | 0.01                         |
| 04/04/97 18:00 | 0.01                         |
| 04/04/97 18:15 | 0.00                         |
| 04/04/97 18:30 | 0.00                         |
| 04/04/97 19:00 | 0.00                         |
| 04/04/97 20:30 | 0.00                         |
| 04/04/97 20:45 | 0.00                         |
| 04/04/97 21:00 | 0.00                         |
| 04/04/97 21:15 | 0.00                         |
| 04/04/97 22:15 | 0.01                         |
| 04/04/97 22:30 | 0.00                         |
| 04/04/97 22:45 | 0.00                         |
| 04/11/97 06:00 | 0.01                         |
| 04/11/97 06:15 | 0.01                         |
| 04/11/97 06:30 | 0.01                         |
| 04/11/97 06:45 | 0.01                         |
| 04/11/97 07:00 | 0.01                         |
| 04/11/97 07:15 | 0.00                         |
| 04/11/97 07:30 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 04/11/97 07:45 | 0.00                         |
| 04/11/97 08:00 | 0.00                         |
| 04/11/97 08:15 | 0.00                         |
| 04/11/97 08:30 | 0.00                         |
| 04/11/97 08:45 | 0.00                         |
| 04/11/97 09:30 | 0.00                         |
| 04/11/97 09:45 | 0.00                         |
| 04/11/97 10:00 | 0.00                         |
| 04/11/97 10:45 | 0.01                         |
| 04/19/97 02:30 | 0.00                         |
| 04/19/97 02:45 | 0.00                         |
| 04/19/97 03:00 | 0.00                         |
| 04/19/97 03:15 | 0.00                         |
| 04/19/97 04:15 | 0.00                         |
| 04/19/97 04:30 | 0.00                         |
| 04/19/97 04:45 | 0.00                         |
| 04/20/97 20:45 | 0.00                         |
| 04/20/97 21:00 | 0.00                         |
| 04/22/97 03:30 | 0.01                         |
| 04/22/97 03:45 | 0.08                         |
| 04/22/97 04:00 | 0.03                         |
| 04/22/97 04:15 | 0.00                         |
| 04/22/97 04:30 | 0.00                         |
| 04/22/97 04:45 | 0.00                         |
| 04/22/97 05:00 | 0.00                         |
| 04/22/97 05:15 | 0.00                         |
| 04/22/97 05:45 | 0.00                         |
| 04/22/97 06:00 | 0.00                         |
| 04/25/97 09:00 | 0.00                         |
| 04/25/97 17:00 | 0.15                         |
| 04/26/97 09:00 | 0.01                         |
| 04/26/97 09:15 | 0.00                         |
| 04/26/97 09:30 | 0.00                         |
| 04/26/97 09:45 | 0.01                         |
| 04/26/97 10:00 | 0.01                         |
| 04/26/97 10:15 | 0.00                         |
| 04/26/97 10:30 | 0.00                         |
| 04/26/97 10:45 | 0.00                         |
| 04/01/05 00:15 | 0.00                         |
| 04/02/05 14:00 | 0.00                         |
| 04/05/05 17:00 | 0.20                         |
| 04/05/05 17:15 | 0.40                         |
| 04/25/05 10:00 | 0.10                         |
| 04/25/05 10:30 | 0.10                         |
| 04/25/05 18:00 | 0.10                         |
| 05/01/05 00:15 | 0.00                         |
| 05/01/05 14:00 | 0.00                         |
| 05/01/05 14:15 | 0.00                         |
| 06/01/05 00:15 | 0.00                         |
| 06/01/05 20:00 | 0.00                         |
| 06/01/05 20:15 | 0.00                         |
| 06/01/05 20:30 | 0.00                         |
| 06/06/05 10:45 | 0.10                         |
| 06/11/05 11:45 | 0.00                         |
| 06/13/05 05:00 | 0.00                         |
| 06/13/05 10:45 | 0.10                         |
| 06/13/05 22:30 | 0.20                         |
| 06/18/05 10:00 | 0.10                         |
| 06/18/05 12:00 | 0.00                         |
| 06/18/05 12:15 | 0.00                         |
| 07/01/05 00:15 | 0.00                         |
| 08/01/05 00:15 | 0.00                         |
| 09/01/05 00:15 | 0.00                         |
| 10/01/05 00:15 | 0.00                         |
| 11/01/05 00:15 | 0.00                         |
| 12/01/05 00:15 | 0.00                         |
| 01/01/06 00:15 | 0.00                         |
| 02/01/06 00:15 | 0.00                         |
| 03/01/06 00:15 | 0.00                         |
| 04/01/06 00:15 | 0.00                         |
| 05/01/06 00:15 | 0.00                         |
| 06/01/06 00:15 | 0.00                         |
| 07/01/06 00:15 | 0.00                         |
| 08/01/06 00:15 | 0.00                         |
| 09/01/06 00:15 | 0.00                         |
| 09/02/06 07:00 | 0.00                         |
| 09/02/06 07:15 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 09/02/06 07:30 | 0.00                         |
| 09/04/06 03:30 | 0.10                         |
| 09/04/06 09:45 | 0.10                         |
| 09/04/06 14:15 | 0.10                         |
| 09/04/06 16:15 | 0.10                         |
| 09/04/06 19:15 | 0.10                         |
| 09/11/06 18:15 | 0.10                         |
| 09/11/06 18:30 | 0.10                         |
| 09/12/06 08:00 | 0.10                         |
| 09/12/06 08:15 | 0.00                         |
| 09/12/06 10:15 | 0.10                         |
| 09/17/06 04:30 | 0.20                         |
| 09/17/06 04:45 | 0.70                         |
| 09/17/06 05:00 | 0.10                         |
| 09/17/06 05:30 | 0.20                         |
| 09/17/06 05:45 | 0.10                         |
| 09/17/06 06:00 | 0.10                         |
| 09/17/06 06:15 | 0.10                         |
| 09/17/06 06:45 | 0.10                         |
| 09/17/06 14:15 | 0.10                         |
| 09/17/06 16:15 | 0.10                         |
| 09/17/06 17:00 | 0.10                         |
| 09/23/06 09:15 | 0.10                         |
| 09/23/06 09:30 | 0.10                         |
| 10/01/06 00:15 | 0.00                         |
| 10/01/06 15:45 | 0.00                         |
| 10/01/06 17:15 | 0.00                         |
| 10/10/06 08:00 | 0.10                         |
| 10/10/06 08:15 | 0.10                         |
| 10/10/06 08:45 | 0.10                         |
| 10/10/06 09:00 | 0.10                         |
| 10/10/06 09:15 | 0.10                         |
| 10/10/06 09:30 | 0.10                         |
| 10/10/06 10:15 | 0.10                         |
| 10/13/06 00:15 | 0.10                         |
| 10/15/06 07:15 | 0.10                         |
| 10/15/06 09:15 | 0.10                         |
| 10/15/06 09:45 | 0.10                         |
| 10/15/06 12:15 | 0.10                         |
| 10/15/06 14:30 | 0.10                         |
| 10/15/06 14:45 | 0.10                         |
| 10/15/06 15:00 | 0.10                         |
| 10/15/06 16:15 | 0.10                         |
| 10/15/06 20:30 | 0.20                         |
| 10/15/06 20:45 | 0.10                         |
| 10/15/06 21:00 | 0.10                         |
| 10/15/06 21:30 | 0.10                         |
| 10/15/06 22:00 | 0.10                         |
| 10/15/06 22:15 | 0.20                         |
| 10/15/06 22:30 | 0.20                         |
| 10/15/06 23:00 | 0.10                         |
| 10/16/06 00:15 | 0.10                         |
| 10/16/06 02:45 | 0.10                         |
| 10/16/06 03:00 | 0.10                         |
| 10/16/06 03:15 | 0.10                         |
| 10/16/06 03:30 | 0.20                         |
| 10/16/06 04:15 | 0.10                         |
| 10/16/06 05:00 | 0.10                         |
| 10/16/06 05:30 | 0.10                         |
| 10/23/06 09:45 | 0.00                         |
| 10/23/06 10:15 | 0.00                         |
| 10/25/06 01:15 | 0.10                         |
| 10/25/06 01:45 | 0.10                         |
| 10/25/06 07:00 | 0.10                         |
| 10/25/06 09:30 | 0.10                         |
| 11/01/06 00:15 | 0.00                         |
| 11/01/06 17:30 | 0.00                         |
| 11/01/06 19:15 | 0.00                         |
| 11/05/06 21:00 | 0.10                         |
| 11/05/06 21:15 | 0.50                         |
| 11/05/06 21:30 | 0.60                         |
| 11/05/06 21:45 | 0.40                         |
| 11/05/06 22:00 | 0.30                         |
| 11/05/06 22:15 | 0.10                         |
| 11/05/06 22:30 | 0.20                         |
| 11/05/06 22:45 | 0.20                         |
| 11/05/06 23:00 | 0.20                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 11/05/06 23:15 | 0.30                         |
| 11/05/06 23:30 | 0.10                         |
| 11/06/06 09:30 | 0.10                         |
| 11/07/06 12:45 | 0.00                         |
| 11/29/06 21:45 | 0.10                         |
| 11/29/06 23:00 | 0.10                         |
| 11/29/06 23:30 | 0.10                         |
| 11/29/06 23:45 | 0.10                         |
| 11/30/06 00:30 | 0.30                         |
| 11/30/06 01:00 | 0.10                         |
| 11/30/06 01:30 | 0.10                         |
| 11/30/06 01:45 | 0.20                         |
| 11/30/06 02:00 | 0.10                         |
| 11/30/06 03:00 | 0.10                         |
| 11/30/06 06:15 | 0.10                         |
| 11/30/06 13:15 | 0.10                         |
| 12/01/06 00:15 | 0.00                         |
| 12/01/06 13:00 | 0.00                         |
| 12/01/06 13:30 | 0.00                         |
| 12/11/06 08:00 | 0.10                         |
| 12/11/06 17:15 | 0.00                         |
| 12/19/06 16:45 | 0.10                         |
| 12/19/06 20:30 | 0.10                         |
| 12/20/06 08:00 | 0.10                         |
| 12/20/06 09:00 | 0.10                         |
| 12/20/06 09:45 | 0.10                         |
| 12/24/06 15:15 | 0.10                         |
| 12/24/06 18:15 | 0.10                         |
| 12/24/06 19:30 | 0.10                         |
| 12/24/06 22:30 | 0.20                         |
| 12/24/06 22:45 | 0.00                         |
| 12/25/06 03:00 | 0.10                         |
| 12/29/06 11:15 | 0.10                         |
| 12/29/06 15:15 | 0.10                         |
| 12/29/06 15:30 | 0.10                         |
| 12/29/06 15:45 | 0.30                         |
| 12/29/06 16:45 | 0.10                         |
| 12/29/06 17:00 | 0.10                         |
| 12/29/06 17:15 | 0.10                         |
| 12/29/06 18:00 | 0.10                         |
| 12/29/06 18:45 | 0.20                         |
| 12/29/06 19:00 | 0.10                         |
| 12/29/06 19:15 | 0.10                         |
| 12/29/06 19:30 | 0.10                         |
| 12/29/06 19:45 | 0.10                         |
| 12/29/06 20:30 | 0.20                         |
| 12/29/06 20:45 | 0.20                         |
| 12/29/06 21:00 | 0.10                         |
| 12/29/06 21:15 | 0.10                         |
| 12/30/06 04:30 | 0.10                         |
| 12/31/06 13:15 | 0.00                         |
| 01/01/07 00:15 | 0.00                         |
| 01/01/07 10:00 | 0.00                         |
| 01/01/07 16:15 | 0.00                         |
| 01/03/07 23:45 | 0.10                         |
| 01/04/07 00:15 | 0.10                         |
| 01/04/07 00:45 | 0.10                         |
| 01/04/07 02:15 | 0.10                         |
| 01/04/07 03:00 | 0.10                         |
| 01/04/07 03:15 | 0.10                         |
| 01/04/07 03:45 | 0.10                         |
| 01/04/07 04:15 | 0.10                         |
| 01/12/07 08:15 | 0.10                         |
| 01/12/07 16:15 | 0.10                         |
| 01/12/07 16:30 | 0.10                         |
| 01/12/07 16:45 | 0.10                         |
| 01/12/07 17:00 | 0.10                         |
| 01/12/07 17:15 | 0.20                         |
| 01/12/07 17:30 | 0.30                         |
| 01/12/07 17:45 | 0.10                         |
| 01/12/07 18:45 | 0.10                         |
| 01/12/07 20:45 | 0.20                         |
| 01/12/07 21:00 | 0.10                         |
| 01/12/07 21:15 | 0.10                         |
| 01/12/07 22:00 | 0.10                         |
| 01/12/07 22:30 | 0.10                         |
| 01/12/07 22:45 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 01/12/07 23:00 | 0.10                         |
| 01/12/07 23:30 | 0.10                         |
| 01/13/07 02:45 | 0.10                         |
| 01/13/07 05:45 | 0.10                         |
| 01/13/07 06:00 | 0.10                         |
| 01/13/07 06:30 | 0.10                         |
| 01/13/07 10:00 | 0.10                         |
| 01/13/07 11:00 | 0.10                         |
| 01/13/07 11:15 | 0.20                         |
| 01/13/07 12:00 | 0.10                         |
| 01/13/07 14:30 | 0.10                         |
| 01/14/07 11:00 | 0.10                         |
| 01/14/07 13:30 | 0.10                         |
| 01/15/07 12:30 | 0.10                         |
| 01/17/07 06:30 | 0.10                         |
| 01/19/07 15:00 | 0.10                         |
| 01/19/07 21:45 | 0.10                         |
| 01/20/07 00:15 | 0.10                         |
| 01/20/07 01:30 | 0.10                         |
| 01/20/07 03:00 | 0.10                         |
| 01/20/07 04:45 | 0.00                         |
| 01/20/07 05:45 | 0.10                         |
| 01/20/07 13:15 | 0.10                         |
| 01/20/07 15:00 | 0.10                         |
| 01/20/07 16:15 | 0.10                         |
| 01/20/07 17:15 | 0.10                         |
| 01/20/07 18:15 | 0.10                         |
| 02/01/07 00:15 | 0.00                         |
| 02/01/07 15:00 | 0.10                         |
| 02/01/07 17:00 | 0.10                         |
| 02/01/07 18:30 | 0.00                         |
| 02/01/07 19:15 | 0.00                         |
| 02/02/07 02:45 | 0.10                         |
| 02/12/07 09:00 | 0.10                         |
| 02/24/07 03:30 | 0.10                         |
| 03/01/07 00:15 | 0.00                         |
| 03/01/07 18:00 | 0.00                         |
| 03/01/07 19:15 | 0.00                         |
| 03/11/07 07:15 | 0.00                         |
| 03/12/07 20:00 | 0.00                         |
| 03/13/07 10:00 | 0.10                         |
| 03/13/07 15:45 | 0.60                         |
| 03/13/07 16:00 | 0.10                         |
| 03/25/07 23:15 | 0.10                         |
| 03/26/07 16:00 | 0.10                         |
| 03/26/07 16:30 | 0.10                         |
| 03/26/07 17:30 | 0.10                         |
| 03/26/07 17:45 | 0.10                         |
| 03/26/07 18:00 | 0.10                         |
| 03/26/07 18:30 | 0.10                         |
| 03/26/07 18:45 | 0.10                         |
| 03/26/07 19:00 | 0.30                         |
| 03/26/07 19:45 | 0.10                         |
| 03/26/07 21:00 | 0.10                         |
| 03/27/07 00:30 | 0.10                         |
| 03/27/07 11:30 | 0.00                         |
| 03/29/07 19:00 | 0.10                         |
| 03/30/07 17:00 | 0.10                         |
| 03/30/07 19:30 | 0.10                         |
| 03/30/07 19:45 | 0.20                         |
| 03/30/07 20:00 | 0.40                         |
| 03/30/07 20:15 | 0.40                         |
| 03/30/07 20:30 | 0.10                         |
| 03/30/07 20:45 | 0.10                         |
| 03/30/07 21:15 | 0.10                         |
| 03/30/07 21:45 | 0.10                         |
| 03/30/07 22:00 | 0.10                         |
| 04/01/07 00:15 | 0.00                         |
| 04/01/07 18:00 | 0.10                         |
| 04/01/07 19:30 | 0.00                         |
| 04/10/07 23:00 | 0.00                         |
| 04/13/07 13:30 | 0.10                         |
| 04/13/07 17:00 | 0.30                         |
| 04/13/07 17:15 | 0.10                         |
| 04/13/07 19:30 | 0.10                         |
| 04/17/07 14:15 | 0.10                         |
| 04/17/07 16:30 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 04/17/07 17:45 | 0.30                         |
| 04/17/07 18:00 | 0.10                         |
| 04/17/07 18:15 | 0.10                         |
| 04/22/07 16:00 | 0.00                         |
| 04/22/07 16:15 | 0.00                         |
| 04/24/07 18:30 | 0.00                         |
| 04/24/07 18:45 | 0.00                         |
| 04/24/07 19:00 | 0.10                         |
| 04/24/07 19:15 | 0.20                         |
| 04/24/07 19:30 | 0.20                         |
| 04/24/07 19:45 | 0.30                         |
| 04/24/07 20:00 | 0.20                         |
| 04/24/07 20:15 | 0.10                         |
| 04/24/07 20:30 | 0.50                         |
| 04/24/07 20:45 | 0.20                         |
| 04/24/07 21:00 | 0.20                         |
| 04/29/07 15:00 | 0.10                         |
| 05/01/07 00:15 | 0.00                         |
| 05/01/07 01:15 | 0.10                         |
| 05/01/07 01:30 | 0.10                         |
| 05/01/07 03:30 | 0.10                         |
| 05/01/07 03:45 | 0.10                         |
| 05/01/07 05:00 | 0.10                         |
| 05/01/07 05:15 | 0.20                         |
| 05/01/07 17:00 | 0.00                         |
| 05/01/07 19:00 | 0.00                         |
| 06/01/07 00:15 | 0.00                         |
| 06/01/07 06:00 | 0.00                         |
| 06/01/07 07:15 | 0.00                         |
| 07/01/07 00:15 | 0.00                         |
| 07/01/07 10:00 | 0.00                         |
| 07/01/07 11:15 | 0.00                         |
| 07/02/07 02:45 | 0.10                         |
| 07/02/07 03:00 | 0.20                         |
| 07/03/07 11:45 | 0.10                         |
| 07/05/07 12:15 | 0.10                         |
| 07/05/07 12:30 | 0.10                         |
| 07/05/07 12:45 | 0.20                         |
| 07/05/07 13:15 | 0.10                         |
| 07/06/07 13:00 | 0.10                         |
| 07/06/07 17:30 | 0.00                         |
| 07/06/07 17:45 | 0.00                         |
| 07/10/07 13:00 | 0.00                         |
| 07/10/07 13:15 | 0.00                         |
| 07/10/07 18:30 | 0.10                         |
| 07/13/07 03:00 | 0.00                         |
| 07/13/07 03:15 | 0.00                         |
| 07/14/07 06:15 | 0.00                         |
| 07/14/07 06:30 | 0.00                         |
| 07/23/07 10:00 | 0.10                         |
| 07/26/07 18:30 | 0.10                         |
| 07/28/07 07:15 | 0.10                         |
| 07/30/07 09:15 | 0.10                         |
| 07/30/07 21:00 | 0.10                         |
| 07/31/07 11:30 | 0.10                         |
| 07/31/07 14:30 | 0.10                         |
| 07/31/07 14:45 | 0.60                         |
| 07/31/07 15:00 | 0.50                         |
| 08/01/07 00:15 | 0.00                         |
| 08/01/07 15:15 | 0.20                         |
| 08/01/07 15:30 | 0.30                         |
| 08/01/07 15:45 | 0.50                         |
| 08/01/07 16:00 | 0.10                         |
| 08/01/07 17:15 | 0.00                         |
| 08/01/07 17:30 | 0.00                         |
| 09/01/07 00:15 | 0.00                         |
| 10/01/07 00:15 | 0.00                         |
| 11/01/07 00:15 | 0.00                         |
| 12/01/07 00:15 | 0.00                         |
| 01/01/08 00:15 | 0.00                         |
| 02/01/08 00:15 | 0.00                         |
| 03/01/08 00:15 | 0.00                         |
| 04/01/08 00:15 | 0.00                         |
| 05/01/08 00:15 | 0.00                         |
| 06/01/08 00:15 | 0.00                         |
| 06/24/08 10:15 | 0.00                         |
| 06/24/08 10:30 | 0.00                         |



| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 06/24/08 10:45 | 0.00                         |
| 06/25/08 21:00 | 0.00                         |
| 06/25/08 21:15 | 0.00                         |
| 06/26/08 00:15 | 0.10                         |
| 06/29/08 02:45 | 0.10                         |
| 07/01/08 00:15 | 0.00                         |
| 07/15/08 22:00 | 0.10                         |
| 07/19/08 15:30 | 0.00                         |
| 07/24/08 17:30 | 0.00                         |
| 07/26/08 08:30 | 0.00                         |
| 07/26/08 12:30 | 0.00                         |
| 07/26/08 13:30 | 0.00                         |
| 07/30/08 18:30 | 0.20                         |
| 07/31/08 09:45 | 0.20                         |
| 07/31/08 22:15 | 0.00                         |
| 10/01/08 00:15 | 0.00                         |
| 10/01/08 21:15 | 0.00                         |
| 10/01/08 21:30 | 0.00                         |
| 10/01/08 21:45 | 0.00                         |
| 10/06/08 05:30 | 0.10                         |
| 10/06/08 06:15 | 0.10                         |
| 10/06/08 08:30 | 0.10                         |
| 10/06/08 20:00 | 0.20                         |
| 10/06/08 20:15 | 0.60                         |
| 10/06/08 20:30 | 0.20                         |
| 10/12/08 20:30 | 0.00                         |
| 10/14/08 01:30 | 0.00                         |
| 10/14/08 16:00 | 0.10                         |
| 10/15/08 12:15 | 0.10                         |
| 10/15/08 13:00 | 0.20                         |
| 10/23/08 12:30 | 0.10                         |
| 10/30/08 08:00 | 0.00                         |
| 02/01/09 00:15 | 0.00                         |
| 02/01/09 11:30 | 0.00                         |
| 02/01/09 11:45 | 0.00                         |
| 02/01/09 12:00 | 0.00                         |
| 02/09/09 04:15 | 0.20                         |
| 02/09/09 05:30 | 0.10                         |
| 02/09/09 07:00 | 0.10                         |
| 02/10/09 15:45 | 0.10                         |
| 02/10/09 21:45 | 0.10                         |
| 02/10/09 22:00 | 0.30                         |
| 02/10/09 23:00 | 0.20                         |
| 03/01/09 00:15 | 0.00                         |
| 03/02/09 01:30 | 0.00                         |
| 03/02/09 01:45 | 0.00                         |
| 03/02/09 18:15 | 0.00                         |
| 03/02/09 19:15 | 0.00                         |
| 03/02/09 23:30 | 0.00                         |
| 03/10/09 16:30 | 0.00                         |
| 03/11/09 03:15 | 0.10                         |
| 03/11/09 03:30 | 0.10                         |
| 03/11/09 03:45 | 0.10                         |
| 03/11/09 05:15 | 0.20                         |
| 03/11/09 05:45 | 0.10                         |
| 03/11/09 06:15 | 0.10                         |
| 03/11/09 06:45 | 0.10                         |
| 03/11/09 07:15 | 0.10                         |
| 03/11/09 07:45 | 0.10                         |
| 03/11/09 08:45 | 0.00                         |
| 03/11/09 09:15 | 0.10                         |
| 03/11/09 14:30 | 0.10                         |
| 03/11/09 15:15 | 0.10                         |
| 03/11/09 15:45 | 0.40                         |
| 03/11/09 16:00 | 0.00                         |
| 03/11/09 16:15 | 0.00                         |
| 03/11/09 16:30 | 0.00                         |
| 03/11/09 16:45 | 0.00                         |
| 03/11/09 17:15 | 0.00                         |
| 03/11/09 18:00 | 0.10                         |
| 03/11/09 18:15 | 0.10                         |
| 03/11/09 18:45 | 0.10                         |
| 03/11/09 19:00 | 0.10                         |
| 03/11/09 19:45 | 0.10                         |
| 03/11/09 20:15 | 0.10                         |
| 03/11/09 21:00 | 0.10                         |
| 03/11/09 22:00 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 03/12/09 00:30 | 0.20                         |
| 03/12/09 01:00 | 0.00                         |
| 03/12/09 05:45 | 0.10                         |
| 03/12/09 10:00 | 0.10                         |
| 03/13/09 10:15 | 0.10                         |
| 03/13/09 11:15 | 0.10                         |
| 03/13/09 13:00 | 0.10                         |
| 03/13/09 14:00 | 0.10                         |
| 03/13/09 18:00 | 0.10                         |
| 03/14/09 02:30 | 0.10                         |
| 03/15/09 11:30 | 0.00                         |
| 03/15/09 12:45 | 0.00                         |
| 03/23/09 03:15 | 0.00                         |
| 03/23/09 03:30 | 0.00                         |
| 03/23/09 16:00 | 0.00                         |
| 03/23/09 16:15 | 0.00                         |
| 03/24/09 10:15 | 0.10                         |
| 03/25/09 14:15 | 0.20                         |
| 03/25/09 14:45 | 0.00                         |
| 03/25/09 15:00 | 0.10                         |
| 03/25/09 15:30 | 0.10                         |
| 03/27/09 13:00 | 0.10                         |
| 05/01/09 00:15 | 0.00                         |
| 05/02/09 09:45 | 0.00                         |
| 05/02/09 10:15 | 0.00                         |
| 06/01/09 00:15 | 0.00                         |
| 06/01/09 16:00 | 0.00                         |
| 06/01/09 17:15 | 0.00                         |
| 06/02/09 00:45 | 0.10                         |
| 06/02/09 01:15 | 0.10                         |
| 06/02/09 03:30 | 0.20                         |
| 06/02/09 03:45 | 0.10                         |
| 06/02/09 04:00 | 0.10                         |
| 06/02/09 04:30 | 0.10                         |
| 06/05/09 16:15 | 0.00                         |
| 06/07/09 18:00 | 0.00                         |
| 06/07/09 18:15 | 0.00                         |
| 07/01/09 00:15 | 0.00                         |
| 07/01/09 00:30 | 0.00                         |
| 07/01/09 14:30 | 0.00                         |
| 07/01/09 15:45 | 0.00                         |
| 07/03/09 05:45 | 0.00                         |
| 07/03/09 06:15 | 0.10                         |
| 07/05/09 08:00 | 0.10                         |
| 07/05/09 08:45 | 0.00                         |
| 07/05/09 09:15 | 0.00                         |
| 07/09/09 15:15 | 0.00                         |
| 07/10/09 16:15 | 0.00                         |
| 07/10/09 16:30 | 0.00                         |
| 07/11/09 07:00 | 0.00                         |
| 07/11/09 07:15 | 0.00                         |
| 07/11/09 15:15 | 0.00                         |
| 07/17/09 02:00 | 0.10                         |
| 07/20/09 07:45 | 0.10                         |
| 07/20/09 08:00 | 0.10                         |
| 07/20/09 16:00 | 0.10                         |
| 07/21/09 09:00 | 0.10                         |
| 07/22/09 19:15 | 0.00                         |
| 07/22/09 19:30 | 0.00                         |
| 07/23/09 17:15 | 0.00                         |
| 07/23/09 17:30 | 0.00                         |
| 07/27/09 09:00 | 0.10                         |
| 07/27/09 09:15 | 0.10                         |
| 07/27/09 09:45 | 0.10                         |
| 07/27/09 10:15 | 0.10                         |
| 07/27/09 10:45 | 0.10                         |
| 07/27/09 11:00 | 0.70                         |
| 07/27/09 12:30 | 0.10                         |
| 07/27/09 12:45 | 0.10                         |
| 07/27/09 14:15 | 0.10                         |
| 07/27/09 18:30 | 0.10                         |
| 07/27/09 20:15 | 0.20                         |
| 07/27/09 20:30 | 0.10                         |
| 07/27/09 20:45 | 0.20                         |
| 07/29/09 22:00 | 0.30                         |
| 07/29/09 22:15 | 0.50                         |
| 07/29/09 22:30 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 07/29/09 22:45 | 0.00                         |
| 07/30/09 19:00 | 0.00                         |
| 07/30/09 19:15 | 0.00                         |
| 07/31/09 01:00 | 0.00                         |
| 07/31/09 21:00 | 0.10                         |
| 08/01/09 00:15 | 0.00                         |
| 08/01/09 08:15 | 0.00                         |
| 08/05/09 20:30 | 0.10                         |
| 08/20/09 23:30 | 0.40                         |
| 08/20/09 23:45 | 0.20                         |
| 08/21/09 01:00 | 0.30                         |
| 08/21/09 01:15 | 0.10                         |
| 09/01/09 00:15 | 0.00                         |
| 09/01/09 19:15 | 0.00                         |
| 09/03/09 19:30 | 0.10                         |
| 09/06/09 14:15 | 0.00                         |
| 09/06/09 15:15 | 0.00                         |
| 09/10/09 01:45 | 0.00                         |
| 09/10/09 02:00 | 0.00                         |
| 10/01/09 00:15 | 0.00                         |
| 10/01/09 00:30 | 0.00                         |
| 10/01/09 13:00 | 0.00                         |
| 10/01/09 13:15 | 0.00                         |
| 11/01/09 00:15 | 0.00                         |
| 12/01/09 00:15 | 0.00                         |
| 01/01/10 00:15 | 0.00                         |
| 02/01/10 00:15 | 0.00                         |
| 03/01/10 00:15 | 0.00                         |
| 03/26/10 13:00 | 0.00                         |
| 03/26/10 13:15 | 0.00                         |
| 03/26/10 13:30 | 0.00                         |
| 03/27/10 10:15 | 0.00                         |
| 03/29/10 11:15 | 0.00                         |
| 03/30/10 10:00 | 0.00                         |
| 03/31/10 09:15 | 0.00                         |
| 04/01/10 00:15 | 0.00                         |
| 04/17/10 03:00 | 0.10                         |
| 04/17/10 03:45 | 0.10                         |
| 04/17/10 04:30 | 0.10                         |
| 04/17/10 10:00 | 0.10                         |
| 04/17/10 18:45 | 0.10                         |
| 04/17/10 19:00 | 0.20                         |
| 04/17/10 19:15 | 0.10                         |
| 04/17/10 19:30 | 0.10                         |
| 04/17/10 20:00 | 0.10                         |
| 04/17/10 22:30 | 0.10                         |
| 04/18/10 03:00 | 0.10                         |
| 04/18/10 04:15 | 0.10                         |
| 04/18/10 06:00 | 0.10                         |
| 04/18/10 20:30 | 0.10                         |
| 04/23/10 04:00 | 0.10                         |
| 04/24/10 00:30 | 0.10                         |
| 04/24/10 01:15 | 0.10                         |
| 04/24/10 02:15 | 0.10                         |
| 04/24/10 05:15 | 0.10                         |
| 05/01/10 00:15 | 0.00                         |
| 05/01/10 10:45 | 0.00                         |
| 05/03/10 17:45 | 0.10                         |
| 05/03/10 18:15 | 0.10                         |
| 05/04/10 17:30 | 0.00                         |
| 05/09/10 03:45 | 0.10                         |
| 05/09/10 20:45 | 0.10                         |
| 05/14/10 12:15 | 0.10                         |
| 05/14/10 12:30 | 0.50                         |
| 05/14/10 12:45 | 0.30                         |
| 05/14/10 13:00 | 0.10                         |
| 05/14/10 14:30 | 0.10                         |
| 05/14/10 15:15 | 0.10                         |
| 06/01/10 00:15 | 0.00                         |
| 06/01/10 17:30 | 0.00                         |
| 06/01/10 19:15 | 0.00                         |
| 06/02/10 17:15 | 0.10                         |
| 06/04/10 05:45 | 0.00                         |
| 06/04/10 07:15 | 0.10                         |
| 06/15/10 01:30 | 0.20                         |
| 06/15/10 12:00 | 0.10                         |
| 06/16/10 08:15 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 06/16/10 21:30 | 0.00                         |
| 06/17/10 08:00 | 0.10                         |
| 06/28/10 18:45 | 0.10                         |
| 06/28/10 19:30 | 0.10                         |
| 06/28/10 20:00 | 0.10                         |
| 06/29/10 06:30 | 0.10                         |
| 07/01/10 00:15 | 0.00                         |
| 07/01/10 17:45 | 0.00                         |
| 07/01/10 19:15 | 0.00                         |
| 07/02/10 15:30 | 0.10                         |
| 07/02/10 16:30 | 0.10                         |
| 07/02/10 17:30 | 0.20                         |
| 07/02/10 17:45 | 0.10                         |
| 07/02/10 19:15 | 0.10                         |
| 07/03/10 02:15 | 0.10                         |
| 07/03/10 05:00 | 0.10                         |
| 07/03/10 05:30 | 0.10                         |
| 07/03/10 17:30 | 0.10                         |
| 07/03/10 19:00 | 0.10                         |
| 07/08/10 07:15 | 0.20                         |
| 07/08/10 14:30 | 0.30                         |
| 07/08/10 16:00 | 0.30                         |
| 07/08/10 16:15 | 0.30                         |
| 07/08/10 16:30 | 0.10                         |
| 07/08/10 20:00 | 0.10                         |
| 07/09/10 15:30 | 0.10                         |
| 07/09/10 17:45 | 0.10                         |
| 07/09/10 18:00 | 0.10                         |
| 07/09/10 18:15 | 0.10                         |
| 07/09/10 18:45 | 0.10                         |
| 07/09/10 19:15 | 0.10                         |
| 07/10/10 12:45 | 0.10                         |
| 07/10/10 13:30 | 0.10                         |
| 07/10/10 14:00 | 0.10                         |
| 07/10/10 15:00 | 0.10                         |
| 08/01/10 00:15 | 0.00                         |
| 08/01/10 13:45 | 0.00                         |
| 08/01/10 15:15 | 0.00                         |
| 08/06/10 15:30 | 0.10                         |
| 08/06/10 16:15 | 0.10                         |
| 08/15/10 15:45 | 0.20                         |
| 08/25/10 05:00 | 0.10                         |
| 08/30/10 12:00 | 0.10                         |
| 08/31/10 19:00 | 0.00                         |
| 09/01/10 00:15 | 0.00                         |
| 09/01/10 11:00 | 0.10                         |
| 09/01/10 14:45 | 0.10                         |
| 09/01/10 15:00 | 0.10                         |
| 09/01/10 17:45 | 0.10                         |
| 09/02/10 11:15 | 0.10                         |
| 09/02/10 17:45 | 0.00                         |
| 09/02/10 19:15 | 0.00                         |
| 09/07/10 07:45 | 0.10                         |
| 09/07/10 08:45 | 0.10                         |
| 09/07/10 09:45 | 0.30                         |
| 09/07/10 10:00 | 0.30                         |
| 09/07/10 10:30 | 0.10                         |
| 09/07/10 16:15 | 0.10                         |
| 09/07/10 22:45 | 0.10                         |
| 09/07/10 23:30 | 0.10                         |
| 09/08/10 00:15 | 0.10                         |
| 09/08/10 00:45 | 0.10                         |
| 09/08/10 01:00 | 0.20                         |
| 09/08/10 01:15 | 0.20                         |
| 09/08/10 01:30 | 0.10                         |
| 09/08/10 01:45 | 0.10                         |
| 09/08/10 02:30 | 0.10                         |
| 09/08/10 02:45 | 0.10                         |
| 09/08/10 03:00 | 0.10                         |
| 09/08/10 03:30 | 0.10                         |
| 09/08/10 04:30 | 0.10                         |
| 09/08/10 05:00 | 0.10                         |
| 09/08/10 05:15 | 0.10                         |
| 09/08/10 05:30 | 0.10                         |
| 09/08/10 05:45 | 0.10                         |
| 09/08/10 06:00 | 0.20                         |
| 09/08/10 06:15 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 09/08/10 06:30 | 0.10                         |
| 09/08/10 06:45 | 0.10                         |
| 09/08/10 07:00 | 0.10                         |
| 09/08/10 07:15 | 0.10                         |
| 09/08/10 07:30 | 0.10                         |
| 09/08/10 08:00 | 0.10                         |
| 09/08/10 08:15 | 0.10                         |
| 09/08/10 08:45 | 0.20                         |
| 09/08/10 09:00 | 0.30                         |
| 09/08/10 09:15 | 0.20                         |
| 09/08/10 09:30 | 0.10                         |
| 09/08/10 09:45 | 0.10                         |
| 09/08/10 10:00 | 0.20                         |
| 09/08/10 10:15 | 0.40                         |
| 09/08/10 10:30 | 0.30                         |
| 09/08/10 10:45 | 0.70                         |
| 09/08/10 11:00 | 0.20                         |
| 09/08/10 11:15 | 0.10                         |
| 09/08/10 13:00 | 0.10                         |
| 09/08/10 13:15 | 0.10                         |
| 09/08/10 14:45 | 0.10                         |
| 09/08/10 15:30 | 0.10                         |
| 09/08/10 17:00 | 0.10                         |
| 09/15/10 19:00 | 0.00                         |
| 09/25/10 03:00 | 0.10                         |
| 09/25/10 06:30 | 0.10                         |
| 09/25/10 07:00 | 0.10                         |
| 10/01/10 00:15 | 0.00                         |
| 10/02/10 17:15 | 0.00                         |
| 10/11/10 04:30 | 0.10                         |
| 10/11/10 04:45 | 0.20                         |
| 10/11/10 13:30 | 0.10                         |
| 10/22/10 19:30 | 0.10                         |
| 10/23/10 12:30 | 0.10                         |
| 10/23/10 12:45 | 0.40                         |
| 10/23/10 13:00 | 0.20                         |
| 10/23/10 14:30 | 0.10                         |
| 10/23/10 15:00 | 0.10                         |
| 10/24/10 05:45 | 0.10                         |
| 10/27/10 08:45 | 0.00                         |
| 10/28/10 09:00 | 0.00                         |
| 10/29/10 09:00 | 0.00                         |
| 10/30/10 08:30 | 0.00                         |
| 11/01/10 00:15 | 0.00                         |
| 11/01/10 16:45 | 0.00                         |
| 11/01/10 18:15 | 0.00                         |
| 11/02/10 04:00 | 0.00                         |
| 11/02/10 10:30 | 0.10                         |
| 11/02/10 11:00 | 0.10                         |
| 11/02/10 11:30 | 0.10                         |
| 11/02/10 11:45 | 0.10                         |
| 11/02/10 12:00 | 0.10                         |
| 11/02/10 12:30 | 0.10                         |
| 11/02/10 13:15 | 0.10                         |
| 11/02/10 13:45 | 0.10                         |
| 11/02/10 14:30 | 0.10                         |
| 11/02/10 15:30 | 0.10                         |
| 11/02/10 17:00 | 0.10                         |
| 11/02/10 18:00 | 0.10                         |
| 11/02/10 19:00 | 0.10                         |
| 11/02/10 20:00 | 0.10                         |
| 11/02/10 21:15 | 0.10                         |
| 11/03/10 03:00 | 0.10                         |
| 11/03/10 07:00 | 0.10                         |
| 11/03/10 07:30 | 0.10                         |
| 11/11/10 16:00 | 0.10                         |
| 11/12/10 11:45 | 0.30                         |
| 11/29/10 03:30 | 0.00                         |
| 12/01/10 00:15 | 0.00                         |
| 12/01/10 18:00 | 0.00                         |
| 12/01/10 19:15 | 0.00                         |
| 12/24/10 09:00 | 0.10                         |
| 12/24/10 12:00 | 0.10                         |
| 12/24/10 12:30 | 0.10                         |
| 12/24/10 13:30 | 0.10                         |
| 12/24/10 14:15 | 0.10                         |
| 12/24/10 14:45 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 12/24/10 15:30 | 0.10                         |
| 12/24/10 20:15 | 0.10                         |
| 12/26/10 06:00 | 0.00                         |
| 12/26/10 09:30 | 0.10                         |
| 12/28/10 19:15 | 0.10                         |
| 12/28/10 23:45 | 0.10                         |
| 12/29/10 01:00 | 0.20                         |
| 12/29/10 01:30 | 0.10                         |
| 12/29/10 01:45 | 0.10                         |
| 12/29/10 02:15 | 0.10                         |
| 12/29/10 02:30 | 0.10                         |
| 12/29/10 03:15 | 0.10                         |
| 12/29/10 05:15 | 0.10                         |
| 12/29/10 07:45 | 0.10                         |
| 01/01/11 00:15 | 0.00                         |
| 01/01/11 13:45 | 0.00                         |
| 01/02/11 13:15 | 0.00                         |
| 01/03/11 09:45 | 0.00                         |
| 01/04/11 10:00 | 0.00                         |
| 01/05/11 11:45 | 0.00                         |
| 01/06/11 10:30 | 0.00                         |
| 01/07/11 10:00 | 0.00                         |
| 01/08/11 12:45 | 0.00                         |
| 01/08/11 18:45 | 0.00                         |
| 01/09/11 04:00 | 0.10                         |
| 01/09/11 06:00 | 0.10                         |
| 01/09/11 07:00 | 0.10                         |
| 01/09/11 07:30 | 0.10                         |
| 01/09/11 08:15 | 0.10                         |
| 01/09/11 09:00 | 0.10                         |
| 01/09/11 09:30 | 0.10                         |
| 01/09/11 10:15 | 0.10                         |
| 01/09/11 11:00 | 0.10                         |
| 01/09/11 11:30 | 0.10                         |
| 01/09/11 12:00 | 0.10                         |
| 01/09/11 12:45 | 0.10                         |
| 01/09/11 13:00 | 0.10                         |
| 01/09/11 13:45 | 0.10                         |
| 01/10/11 11:30 | 0.10                         |
| 01/11/11 10:15 | 0.00                         |
| 01/11/11 22:15 | 0.00                         |
| 01/12/11 11:30 | 0.10                         |
| 01/16/11 03:30 | 0.10                         |
| 01/17/11 09:30 | 0.10                         |
| 01/19/11 13:15 | 0.00                         |
| 01/19/11 17:00 | 0.00                         |
| 01/20/11 05:45 | 0.10                         |
| 01/29/11 13:30 | 0.10                         |
| 01/30/11 20:00 | 0.00                         |
| 01/31/11 22:30 | 0.00                         |
| 02/01/11 00:15 | 0.00                         |
| 02/01/11 01:00 | 0.10                         |
| 02/01/11 03:30 | 0.10                         |
| 02/01/11 04:00 | 0.10                         |
| 02/01/11 04:45 | 0.10                         |
| 02/01/11 05:00 | 0.10                         |
| 02/01/11 05:15 | 0.10                         |
| 02/01/11 05:45 | 0.10                         |
| 02/01/11 06:15 | 0.10                         |
| 02/01/11 07:00 | 0.10                         |
| 02/02/11 14:15 | 0.00                         |
| 02/04/11 01:45 | 0.10                         |
| 02/04/11 04:15 | 0.10                         |
| 02/04/11 09:15 | 0.10                         |
| 02/09/11 02:30 | 0.10                         |
| 02/09/11 05:45 | 0.10                         |
| 02/09/11 09:15 | 0.10                         |
| 02/24/11 09:15 | 0.10                         |
| 03/01/11 00:15 | 0.00                         |
| 03/01/11 18:45 | 0.00                         |
| 03/13/11 12:15 | 0.00                         |
| 03/13/11 12:30 | 0.00                         |
| 03/13/11 14:15 | 0.00                         |
| 03/13/11 14:30 | 0.00                         |
| 03/16/11 17:45 | 0.00                         |
| 03/17/11 13:15 | 0.00                         |
| 03/18/11 11:00 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 03/19/11 15:00 | 0.00                         |
| 03/20/11 13:45 | 0.00                         |
| 03/22/11 14:15 | 0.00                         |
| 03/23/11 13:30 | 0.00                         |
| 03/25/11 12:15 | 0.00                         |
| 03/25/11 18:45 | 0.00                         |
| 03/28/11 09:00 | 0.10                         |
| 03/31/11 11:15 | 0.10                         |
| 03/31/11 21:45 | 0.00                         |
| 04/01/11 00:15 | 0.00                         |
| 04/01/11 09:30 | 0.00                         |
| 04/01/11 16:00 | 0.00                         |
| 04/01/11 17:45 | 0.00                         |
| 04/02/11 09:45 | 0.00                         |
| 04/03/11 04:30 | 0.00                         |
| 04/03/11 09:45 | 0.10                         |
| 04/04/11 04:00 | 0.40                         |
| 04/04/11 04:15 | 0.40                         |
| 04/04/11 04:30 | 0.20                         |
| 04/04/11 04:45 | 0.10                         |
| 04/04/11 05:00 | 0.10                         |
| 04/05/11 06:30 | 0.00                         |
| 04/05/11 08:00 | 0.10                         |
| 04/11/11 00:15 | 0.10                         |
| 04/11/11 00:45 | 0.70                         |
| 04/11/11 01:00 | 0.20                         |
| 04/11/11 01:15 | 0.10                         |
| 04/11/11 01:45 | 0.10                         |
| 04/11/11 02:30 | 0.10                         |
| 04/14/11 21:45 | 0.20                         |
| 04/16/11 18:30 | 0.00                         |
| 04/17/11 19:00 | 0.00                         |
| 04/18/11 11:00 | 0.00                         |
| 04/18/11 22:45 | 0.00                         |
| 04/19/11 10:30 | 0.10                         |
| 04/19/11 16:15 | 0.10                         |
| 04/21/11 13:30 | 0.10                         |
| 04/24/11 18:45 | 0.10                         |
| 04/24/11 20:15 | 0.10                         |
| 04/24/11 21:00 | 0.10                         |
| 04/25/11 03:00 | 0.10                         |
| 04/25/11 13:00 | 0.10                         |
| 04/26/11 11:30 | 0.00                         |
| 04/27/11 12:00 | 0.00                         |
| 04/28/11 09:45 | 0.00                         |
| 04/29/11 08:30 | 0.00                         |
| 05/01/11 00:15 | 0.00                         |
| 05/01/11 18:00 | 0.00                         |
| 05/01/11 18:30 | 0.20                         |
| 05/01/11 19:00 | 0.10                         |
| 05/01/11 19:15 | 0.10                         |
| 05/01/11 21:15 | 0.10                         |
| 05/01/11 22:00 | 0.00                         |
| 05/02/11 00:15 | 0.20                         |
| 05/02/11 01:30 | 0.20                         |
| 05/02/11 03:15 | 0.10                         |
| 05/02/11 04:00 | 0.10                         |
| 05/02/11 04:45 | 0.10                         |
| 05/02/11 05:30 | 0.10                         |
| 05/02/11 06:00 | 0.10                         |
| 05/02/11 06:30 | 0.10                         |
| 05/02/11 07:15 | 0.10                         |
| 05/02/11 07:30 | 0.10                         |
| 05/02/11 08:00 | 0.10                         |
| 05/02/11 08:15 | 0.10                         |
| 05/02/11 08:45 | 0.10                         |
| 05/02/11 09:30 | 0.10                         |
| 05/02/11 10:15 | 0.10                         |
| 05/02/11 11:45 | 0.10                         |
| 05/02/11 12:45 | 0.10                         |
| 05/06/11 21:15 | 0.00                         |
| 05/11/11 13:45 | 0.20                         |
| 05/11/11 14:00 | 0.20                         |
| 05/11/11 14:15 | 0.20                         |
| 05/11/11 14:30 | 0.10                         |
| 05/11/11 15:15 | 0.10                         |
| 05/11/11 16:30 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 05/11/11 17:15 | 0.10                         |
| 05/11/11 18:00 | 0.10                         |
| 05/20/11 13:45 | 0.10                         |
| 05/20/11 15:00 | 0.10                         |
| 05/20/11 15:15 | 0.40                         |
| 05/20/11 15:30 | 0.50                         |
| 05/20/11 15:45 | 0.20                         |
| 05/20/11 16:00 | 0.20                         |
| 05/20/11 19:00 | 0.10                         |
| 05/22/11 20:00 | 0.10                         |
| 05/23/11 11:45 | 0.20                         |
| 05/23/11 12:00 | 0.40                         |
| 05/24/11 21:15 | 0.30                         |
| 05/24/11 21:30 | 0.10                         |
| 05/29/11 12:00 | 0.00                         |
| 06/01/11 00:15 | 0.00                         |
| 06/06/11 10:00 | 0.00                         |
| 06/06/11 19:45 | 0.00                         |
| 06/07/11 11:30 | 0.00                         |
| 06/08/11 10:00 | 0.00                         |
| 06/21/11 02:15 | 0.40                         |
| 06/21/11 02:30 | 0.30                         |
| 06/21/11 02:45 | 0.10                         |
| 06/21/11 03:00 | 0.10                         |
| 06/21/11 22:15 | 0.20                         |
| 06/21/11 22:30 | 0.30                         |
| 06/21/11 23:45 | 0.10                         |
| 07/01/11 00:15 | 0.00                         |
| 07/02/11 07:15 | 0.00                         |
| 08/01/11 00:15 | 0.00                         |
| 08/02/11 08:45 | 0.00                         |
| 08/02/11 16:15 | 0.00                         |
| 08/02/11 17:45 | 0.00                         |
| 08/13/11 03:45 | 0.10                         |
| 08/13/11 04:00 | 0.30                         |
| 08/13/11 04:30 | 0.20                         |
| 08/13/11 04:45 | 0.40                         |
| 08/13/11 05:00 | 0.30                         |
| 08/13/11 05:15 | 0.10                         |
| 08/13/11 05:45 | 0.10                         |
| 08/13/11 06:45 | 0.10                         |
| 08/13/11 10:15 | 0.10                         |
| 08/29/11 10:45 | 0.10                         |
| 09/01/11 00:15 | 0.00                         |
| 09/01/11 20:45 | 0.00                         |
| 09/01/11 22:15 | 0.00                         |
| 09/04/11 08:00 | 0.00                         |
| 09/05/11 08:45 | 0.00                         |
| 09/06/11 08:45 | 0.00                         |
| 09/07/11 08:30 | 0.00                         |
| 09/08/11 08:45 | 0.00                         |
| 09/09/11 08:30 | 0.00                         |
| 09/10/11 08:30 | 0.00                         |
| 09/11/11 06:15 | 0.00                         |
| 09/11/11 08:15 | 0.00                         |
| 09/16/11 18:30 | 0.10                         |
| 09/16/11 18:45 | 0.10                         |
| 09/16/11 19:15 | 0.10                         |
| 09/16/11 20:00 | 0.10                         |
| 09/16/11 20:30 | 0.10                         |
| 09/29/11 20:00 | 0.10                         |
| 10/01/11 00:15 | 0.00                         |
| 10/01/11 14:30 | 0.00                         |
| 10/01/11 23:30 | 0.00                         |
| 10/02/11 00:15 | 0.10                         |
| 10/08/11 22:15 | 0.10                         |
| 10/09/11 00:00 | 0.10                         |
| 10/09/11 00:15 | 0.20                         |
| 10/09/11 00:30 | 0.10                         |
| 10/09/11 01:45 | 0.10                         |
| 10/09/11 02:00 | 0.10                         |
| 10/09/11 02:15 | 0.10                         |
| 10/09/11 04:15 | 0.10                         |
| 10/09/11 12:45 | 0.10                         |
| 10/09/11 18:45 | 0.20                         |
| 10/09/11 19:15 | 0.10                         |
| 10/09/11 19:30 | 0.20                         |



| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 10/09/11 19:45 | 0.10                         |
| 10/09/11 20:30 | 0.10                         |
| 10/12/11 02:15 | 0.10                         |
| 10/12/11 02:30 | 0.30                         |
| 10/12/11 02:45 | 0.10                         |
| 10/12/11 03:45 | 0.40                         |
| 10/12/11 04:15 | 0.10                         |
| 10/12/11 04:30 | 0.10                         |
| 10/12/11 06:00 | 0.10                         |
| 10/17/11 20:15 | 0.10                         |
| 10/17/11 20:30 | 0.10                         |
| 10/23/11 00:15 | 0.60                         |
| 10/23/11 00:30 | 0.20                         |
| 10/23/11 01:15 | 0.10                         |
| 10/24/11 11:30 | 0.10                         |
| 10/25/11 10:30 | 0.00                         |
| 10/26/11 11:15 | 0.00                         |
| 10/26/11 19:30 | 0.00                         |
| 10/27/11 17:30 | 0.10                         |
| 10/27/11 18:00 | 0.10                         |
| 10/27/11 19:15 | 0.10                         |
| 10/29/11 06:30 | 0.00                         |
| 11/01/11 00:15 | 0.00                         |
| 11/06/11 11:45 | 0.00                         |
| 11/06/11 12:00 | 0.00                         |
| 11/08/11 06:00 | 0.10                         |
| 11/08/11 06:15 | 0.10                         |
| 11/11/11 13:45 | 0.00                         |
| 11/15/11 18:30 | 0.10                         |
| 11/17/11 04:45 | 0.00                         |
| 11/17/11 07:45 | 0.10                         |
| 11/21/11 17:00 | 0.10                         |
| 11/21/11 17:15 | 0.10                         |
| 11/21/11 17:45 | 0.10                         |
| 11/21/11 18:00 | 0.10                         |
| 11/21/11 18:15 | 0.10                         |
| 11/21/11 21:00 | 0.10                         |
| 11/21/11 21:45 | 0.50                         |
| 11/21/11 22:00 | 0.10                         |
| 11/26/11 03:15 | 0.10                         |
| 12/01/11 00:15 | 0.00                         |
| 12/01/11 18:45 | 0.00                         |
| 12/02/11 02:15 | 0.10                         |
| 12/03/11 14:15 | 0.10                         |
| 12/03/11 14:45 | 0.10                         |
| 12/03/11 15:45 | 0.10                         |
| 12/03/11 16:30 | 0.10                         |
| 12/03/11 17:00 | 0.10                         |
| 12/03/11 17:15 | 0.10                         |
| 12/03/11 18:15 | 0.10                         |
| 12/03/11 18:45 | 0.10                         |
| 12/03/11 19:15 | 0.10                         |
| 12/04/11 01:00 | 0.10                         |
| 12/04/11 02:45 | 0.10                         |
| 12/04/11 03:30 | 0.10                         |
| 12/04/11 04:00 | 0.10                         |
| 12/04/11 04:30 | 0.10                         |
| 12/04/11 04:45 | 0.10                         |
| 12/04/11 05:00 | 0.10                         |
| 12/04/11 06:45 | 0.10                         |
| 12/04/11 08:30 | 0.10                         |
| 12/04/11 09:45 | 0.10                         |
| 12/04/11 10:45 | 0.10                         |
| 12/04/11 14:15 | 0.10                         |
| 12/04/11 18:15 | 0.10                         |
| 12/04/11 19:45 | 0.10                         |
| 12/05/11 03:30 | 0.10                         |
| 12/05/11 03:45 | 0.10                         |
| 12/05/11 04:00 | 0.10                         |
| 12/05/11 04:15 | 0.10                         |
| 12/05/11 04:45 | 0.10                         |
| 12/05/11 05:00 | 0.10                         |
| 12/05/11 09:45 | 0.10                         |
| 12/14/11 12:00 | 0.10                         |
| 12/14/11 16:00 | 0.10                         |
| 12/14/11 17:00 | 0.10                         |
| 12/14/11 18:45 | 0.20                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 12/14/11 19:15 | 0.10                         |
| 12/15/11 12:00 | 0.10                         |
| 12/15/11 12:45 | 0.10                         |
| 12/15/11 13:00 | 0.10                         |
| 12/15/11 13:45 | 0.10                         |
| 12/15/11 14:30 | 0.10                         |
| 12/15/11 16:30 | 0.10                         |
| 12/15/11 21:00 | 0.10                         |
| 12/16/11 01:45 | 0.10                         |
| 12/19/11 17:00 | 0.20                         |
| 12/19/11 17:15 | 0.10                         |
| 12/19/11 17:45 | 0.10                         |
| 12/19/11 18:15 | 0.10                         |
| 12/31/11 15:15 | 0.00                         |
| 01/01/12 00:00 | 0.00                         |
| 01/01/12 00:15 | 0.00                         |
| 01/01/12 01:15 | 0.00                         |
| 01/01/12 13:00 | 0.00                         |
| 01/01/12 13:15 | 0.00                         |
| 01/05/12 10:30 | 0.00                         |
| 01/05/12 10:45 | 0.00                         |
| 01/05/12 11:00 | 0.00                         |
| 01/05/12 11:15 | 0.00                         |
| 01/05/12 12:45 | 0.00                         |
| 01/06/12 08:45 | 0.00                         |
| 01/06/12 11:15 | 0.00                         |
| 01/06/12 11:45 | 0.00                         |
| 01/06/12 12:00 | 0.00                         |
| 01/06/12 12:15 | 0.00                         |
| 01/09/12 00:15 | 0.10                         |
| 01/09/12 00:45 | 0.10                         |
| 01/09/12 01:15 | 0.10                         |
| 01/09/12 01:45 | 0.10                         |
| 01/09/12 02:00 | 0.10                         |
| 01/09/12 02:30 | 0.10                         |
| 01/09/12 02:45 | 0.10                         |
| 01/09/12 03:30 | 0.10                         |
| 01/09/12 05:00 | 0.10                         |
| 01/09/12 08:15 | 0.10                         |
| 01/09/12 12:45 | 0.10                         |
| 01/09/12 14:15 | 0.10                         |
| 01/09/12 22:45 | 0.10                         |
| 01/10/12 01:15 | 0.10                         |
| 01/10/12 01:45 | 0.10                         |
| 01/10/12 02:00 | 0.10                         |
| 01/10/12 04:45 | 0.10                         |
| 01/10/12 15:00 | 0.10                         |
| 01/24/12 17:45 | 0.10                         |
| 01/24/12 18:00 | 0.10                         |
| 01/24/12 18:30 | 0.10                         |
| 01/24/12 20:00 | 0.10                         |
| 01/24/12 20:45 | 0.10                         |
| 01/24/12 21:00 | 0.10                         |
| 01/24/12 21:15 | 0.10                         |
| 01/24/12 21:30 | 0.10                         |
| 01/24/12 22:45 | 0.10                         |
| 01/24/12 23:15 | 0.10                         |
| 01/24/12 23:30 | 0.10                         |
| 01/25/12 00:00 | 0.10                         |
| 01/25/12 01:15 | 0.10                         |
| 01/25/12 01:30 | 0.20                         |
| 01/25/12 01:45 | 0.20                         |
| 01/25/12 02:00 | 0.20                         |
| 01/25/12 02:15 | 0.10                         |
| 01/25/12 02:30 | 0.10                         |
| 01/25/12 03:00 | 0.10                         |
| 01/25/12 03:15 | 0.10                         |
| 01/25/12 03:30 | 0.10                         |
| 01/25/12 03:45 | 0.20                         |
| 01/25/12 04:00 | 0.20                         |
| 01/25/12 04:15 | 0.10                         |
| 01/25/12 04:45 | 0.10                         |
| 01/25/12 05:00 | 0.10                         |
| 01/25/12 05:15 | 0.10                         |
| 01/25/12 05:30 | 0.10                         |
| 01/25/12 05:45 | 0.10                         |
| 01/25/12 06:00 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 01/25/12 06:15 | 0.10                         |
| 01/25/12 06:45 | 0.10                         |
| 01/25/12 07:00 | 0.10                         |
| 01/25/12 07:30 | 0.10                         |
| 01/25/12 07:45 | 0.10                         |
| 01/25/12 08:00 | 0.10                         |
| 01/25/12 08:15 | 0.10                         |
| 01/25/12 08:30 | 0.10                         |
| 01/25/12 08:45 | 0.10                         |
| 01/25/12 09:00 | 0.10                         |
| 01/25/12 09:15 | 0.10                         |
| 01/25/12 09:30 | 0.10                         |
| 01/25/12 10:00 | 0.10                         |
| 01/26/12 05:15 | 0.10                         |
| 01/26/12 06:30 | 0.10                         |
| 01/26/12 07:00 | 0.10                         |
| 01/26/12 07:45 | 0.10                         |
| 01/31/12 23:45 | 0.00                         |
| 02/01/12 00:00 | 0.00                         |
| 02/01/12 00:15 | 0.00                         |
| 02/03/12 20:30 | 0.00                         |
| 02/10/12 00:15 | 0.10                         |
| 02/12/12 21:30 | 0.10                         |
| 02/13/12 03:15 | 0.10                         |
| 02/13/12 08:15 | 0.10                         |
| 02/18/12 02:45 | 0.10                         |
| 02/18/12 05:45 | 0.10                         |
| 02/18/12 06:30 | 0.10                         |
| 02/18/12 14:00 | 0.10                         |
| 02/18/12 15:00 | 0.10                         |
| 02/18/12 15:30 | 0.10                         |
| 02/18/12 16:00 | 0.10                         |
| 02/18/12 16:30 | 0.10                         |
| 02/18/12 16:45 | 0.10                         |
| 02/18/12 17:15 | 0.10                         |
| 02/18/12 18:15 | 0.10                         |
| 02/18/12 20:45 | 0.10                         |
| 02/29/12 23:45 | 0.00                         |
| 03/01/12 00:00 | 0.00                         |
| 03/01/12 00:15 | 0.00                         |
| 03/08/12 12:00 | 0.00                         |
| 03/08/12 13:00 | 0.10                         |
| 03/08/12 13:45 | 0.10                         |
| 03/10/12 13:30 | 0.10                         |
| 03/10/12 14:00 | 0.10                         |
| 03/10/12 14:45 | 0.10                         |
| 03/10/12 15:30 | 0.10                         |
| 03/10/12 15:45 | 0.10                         |
| 03/10/12 17:00 | 0.10                         |
| 03/10/12 17:45 | 0.10                         |
| 03/10/12 18:30 | 0.10                         |
| 03/10/12 20:45 | 0.10                         |
| 03/10/12 23:30 | 0.10                         |
| 03/11/12 02:00 | 0.00                         |
| 03/11/12 03:00 | 0.00                         |
| 03/11/12 03:15 | 0.00                         |
| 03/11/12 05:45 | 0.10                         |
| 03/11/12 06:45 | 0.10                         |
| 03/19/12 18:00 | 0.10                         |
| 03/19/12 18:30 | 0.10                         |
| 03/19/12 18:45 | 0.10                         |
| 03/19/12 19:00 | 0.10                         |
| 03/19/12 19:15 | 0.10                         |
| 03/19/12 19:30 | 0.10                         |
| 03/19/12 20:00 | 0.10                         |
| 03/19/12 20:15 | 0.20                         |
| 03/19/12 20:30 | 0.10                         |
| 03/19/12 20:45 | 0.10                         |
| 03/19/12 21:00 | 0.10                         |
| 03/19/12 21:15 | 0.10                         |
| 03/19/12 22:00 | 0.10                         |
| 03/19/12 22:45 | 0.10                         |
| 03/19/12 23:00 | 0.10                         |
| 03/19/12 23:30 | 0.10                         |
| 03/19/12 23:45 | 0.10                         |
| 03/20/12 01:00 | 0.10                         |
| 03/20/12 01:30 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 03/20/12 02:00 | 0.10                         |
| 03/20/12 02:15 | 0.10                         |
| 03/20/12 02:30 | 0.10                         |
| 03/20/12 02:45 | 0.10                         |
| 03/20/12 03:15 | 0.10                         |
| 03/20/12 03:45 | 0.10                         |
| 03/20/12 04:15 | 0.10                         |
| 03/20/12 04:30 | 0.10                         |
| 03/20/12 04:45 | 0.10                         |
| 03/20/12 05:15 | 0.10                         |
| 03/20/12 05:45 | 0.10                         |
| 03/20/12 06:00 | 0.10                         |
| 03/20/12 06:30 | 0.10                         |
| 03/20/12 07:00 | 0.10                         |
| 03/20/12 07:30 | 0.10                         |
| 03/20/12 08:15 | 0.10                         |
| 03/20/12 08:45 | 0.10                         |
| 03/22/12 01:15 | 0.10                         |
| 03/22/12 03:00 | 0.10                         |
| 03/22/12 09:30 | 0.10                         |
| 04/01/12 00:00 | 0.00                         |
| 04/01/12 00:15 | 0.00                         |
| 04/03/12 13:15 | 0.00                         |
| 04/03/12 14:00 | 0.60                         |
| 04/03/12 14:15 | 0.60                         |
| 04/03/12 14:30 | 0.20                         |
| 04/08/12 12:15 | 0.10                         |
| 04/08/12 13:30 | 0.10                         |
| 04/08/12 14:15 | 0.10                         |
| 04/08/12 14:30 | 0.10                         |
| 04/11/12 14:45 | 0.10                         |
| 04/15/12 05:15 | 0.10                         |
| 04/15/12 07:30 | 0.40                         |
| 04/15/12 07:45 | 0.10                         |
| 04/15/12 08:00 | 0.10                         |
| 04/15/12 08:15 | 0.10                         |
| 04/15/12 10:15 | 0.10                         |
| 04/21/12 08:00 | 0.10                         |
| 05/01/12 00:00 | 0.00                         |
| 05/01/12 00:15 | 0.00                         |
| 05/11/12 02:45 | 0.00                         |
| 05/11/12 09:15 | 0.10                         |
| 05/11/12 11:30 | 0.30                         |
| 05/11/12 11:45 | 0.10                         |
| 05/11/12 21:00 | 0.10                         |
| 05/14/12 17:00 | 0.10                         |
| 05/28/12 21:45 | 0.10                         |
| 05/28/12 22:00 | 0.20                         |
| 05/28/12 22:15 | 0.10                         |
| 05/28/12 22:30 | 0.20                         |
| 05/28/12 22:45 | 0.10                         |
| 05/28/12 23:30 | 0.10                         |
| 05/30/12 02:15 | 0.30                         |
| 05/30/12 02:30 | 0.00                         |
| 05/30/12 04:00 | 0.30                         |
| 05/30/12 08:00 | 0.10                         |
| 05/30/12 09:15 | 0.10                         |
| 05/30/12 10:00 | 0.10                         |
| 05/30/12 10:15 | 0.20                         |
| 05/30/12 10:30 | 0.10                         |
| 05/30/12 10:45 | 0.10                         |
| 05/30/12 11:00 | 0.20                         |
| 05/30/12 12:00 | 0.10                         |
| 05/30/12 22:30 | 0.20                         |
| 05/30/12 23:45 | 0.10                         |
| 05/31/12 01:15 | 0.00                         |
| 05/31/12 23:45 | 0.00                         |
| 06/01/12 00:00 | 0.00                         |
| 06/01/12 00:15 | 0.00                         |
| 06/06/12 15:15 | 0.00                         |
| 06/06/12 15:30 | 0.80                         |
| 06/06/12 15:45 | 0.30                         |
| 06/06/12 16:30 | 0.10                         |
| 06/06/12 17:30 | 0.10                         |
| 06/06/12 18:15 | 0.10                         |
| 06/06/12 19:00 | 0.10                         |
| 06/06/12 20:00 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 06/07/12 02:15 | 0.10                         |
| 06/07/12 04:15 | 0.10                         |
| 06/07/12 06:45 | 0.10                         |
| 06/07/12 08:45 | 0.10                         |
| 06/15/12 05:30 | 0.10                         |
| 06/30/12 23:45 | 0.00                         |
| 07/01/12 00:00 | 0.00                         |
| 07/01/12 00:15 | 0.00                         |
| 07/01/12 16:15 | 0.00                         |
| 07/01/12 16:30 | 0.10                         |
| 07/09/12 23:15 | 0.10                         |
| 07/10/12 17:45 | 0.10                         |
| 07/14/12 18:45 | 0.10                         |
| 07/20/12 16:00 | 0.10                         |
| 07/21/12 16:15 | 0.20                         |
| 07/21/12 16:30 | 0.20                         |
| 07/21/12 16:45 | 0.20                         |
| 07/21/12 17:00 | 0.10                         |
| 07/21/12 17:30 | 0.10                         |
| 08/01/12 00:00 | 0.00                         |
| 08/01/12 00:15 | 0.00                         |
| 08/06/12 15:30 | 0.00                         |
| 08/14/12 20:15 | 0.00                         |
| 08/14/12 20:30 | 0.10                         |
| 08/14/12 22:30 | 0.10                         |
| 08/14/12 23:00 | 0.10                         |
| 08/14/12 23:15 | 0.10                         |
| 08/15/12 00:00 | 0.10                         |
| 08/15/12 00:45 | 0.10                         |
| 08/15/12 02:15 | 0.10                         |
| 08/15/12 03:15 | 0.10                         |
| 08/18/12 02:30 | 0.10                         |
| 08/18/12 02:45 | 0.10                         |
| 08/18/12 04:15 | 0.10                         |
| 08/18/12 17:00 | 0.10                         |
| 08/18/12 17:45 | 0.10                         |
| 08/29/12 07:15 | 0.10                         |
| 09/01/12 00:00 | 0.00                         |
| 09/01/12 00:15 | 0.00                         |
| 09/08/12 02:45 | 0.00                         |
| 09/16/12 04:15 | 0.10                         |
| 09/16/12 10:15 | 0.00                         |
| 09/28/12 14:45 | 0.10                         |
| 09/29/12 04:30 | 0.10                         |
| 09/29/12 12:30 | 0.10                         |
| 09/29/12 13:00 | 0.10                         |
| 09/29/12 14:15 | 0.10                         |
| 09/29/12 15:15 | 0.10                         |
| 09/29/12 16:15 | 0.10                         |
| 09/29/12 17:15 | 0.10                         |
| 09/29/12 18:30 | 0.10                         |
| 09/29/12 23:30 | 0.10                         |
| 09/30/12 04:30 | 0.10                         |
| 09/30/12 06:30 | 0.10                         |
| 09/30/12 23:45 | 0.00                         |
| 10/01/12 00:00 | 0.00                         |
| 10/01/12 00:15 | 0.00                         |
| 10/13/12 23:15 | 0.00                         |
| 10/13/12 23:30 | 0.30                         |
| 10/13/12 23:45 | 0.40                         |
| 10/14/12 00:00 | 0.10                         |
| 10/31/12 23:45 | 0.00                         |
| 11/01/12 00:00 | 0.00                         |
| 11/01/12 00:15 | 0.00                         |
| 11/30/12 23:45 | 0.00                         |
| 12/01/12 00:00 | 0.00                         |
| 12/01/12 00:15 | 0.00                         |
| 12/14/12 13:00 | 0.10                         |
| 12/14/12 13:45 | 0.10                         |
| 12/14/12 14:30 | 0.10                         |
| 12/14/12 23:15 | 0.20                         |
| 12/19/12 20:45 | 0.10                         |
| 12/19/12 21:00 | 0.10                         |
| 12/25/12 02:30 | 0.10                         |
| 12/25/12 02:45 | 0.10                         |
| 12/25/12 06:45 | 0.10                         |
| 12/25/12 07:15 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 12/25/12 08:15 | 0.10                         |
| 12/25/12 09:00 | 0.10                         |
| 12/25/12 09:30 | 0.10                         |
| 12/25/12 09:45 | 0.10                         |
| 12/25/12 10:00 | 0.10                         |
| 12/25/12 10:15 | 0.20                         |
| 12/25/12 10:30 | 0.10                         |
| 12/25/12 10:45 | 0.10                         |
| 12/25/12 11:15 | 0.10                         |
| 12/25/12 12:30 | 0.10                         |
| 12/25/12 13:00 | 0.10                         |
| 12/25/12 14:00 | 0.10                         |
| 12/25/12 14:45 | 0.10                         |
| 12/25/12 15:30 | 0.10                         |
| 12/25/12 17:30 | 0.10                         |
| 12/31/12 06:30 | 0.10                         |
| 12/31/12 11:00 | 0.10                         |
| 12/31/12 12:45 | 0.10                         |
| 01/01/13 00:00 | 0.00                         |
| 01/01/13 00:15 | 0.00                         |
| 01/08/13 14:30 | 0.00                         |
| 01/08/13 16:45 | 0.10                         |
| 01/08/13 18:45 | 0.10                         |
| 01/08/13 20:30 | 0.10                         |
| 01/08/13 20:45 | 0.10                         |
| 01/08/13 21:15 | 0.10                         |
| 01/08/13 22:15 | 0.10                         |
| 01/08/13 22:45 | 0.10                         |
| 01/08/13 23:00 | 0.10                         |
| 01/08/13 23:30 | 0.10                         |
| 01/08/13 23:45 | 0.10                         |
| 01/09/13 00:15 | 0.10                         |
| 01/09/13 01:15 | 0.10                         |
| 01/09/13 02:45 | 0.10                         |
| 01/09/13 04:30 | 0.10                         |
| 01/09/13 06:30 | 0.10                         |
| 01/09/13 07:45 | 0.10                         |
| 01/09/13 09:00 | 0.10                         |
| 01/09/13 09:45 | 0.10                         |
| 01/09/13 11:00 | 0.10                         |
| 01/09/13 12:15 | 0.10                         |
| 01/09/13 14:30 | 0.10                         |
| 01/09/13 16:15 | 0.10                         |
| 01/09/13 18:15 | 0.10                         |
| 01/09/13 22:30 | 0.10                         |
| 01/12/13 11:00 | 0.10                         |
| 01/12/13 12:00 | 0.10                         |
| 01/15/13 06:45 | 0.10                         |
| 01/29/13 16:00 | 0.10                         |
| 01/29/13 16:15 | 0.10                         |
| 01/29/13 16:30 | 0.10                         |
| 01/29/13 19:00 | 0.10                         |
| 01/31/13 23:45 | 0.00                         |
| 02/01/13 00:00 | 0.00                         |
| 02/01/13 00:15 | 0.00                         |
| 02/10/13 03:00 | 0.00                         |
| 02/10/13 03:15 | 0.40                         |
| 02/10/13 03:45 | 0.10                         |
| 02/10/13 04:00 | 0.10                         |
| 02/12/13 06:15 | 0.10                         |
| 02/12/13 08:00 | 0.10                         |
| 02/12/13 09:00 | 0.10                         |
| 02/20/13 02:00 | 0.10                         |
| 02/20/13 03:30 | 0.10                         |
| 02/21/13 08:15 | 0.10                         |
| 02/21/13 08:45 | 0.10                         |
| 02/28/13 23:45 | 0.00                         |
| 03/01/13 00:00 | 0.00                         |
| 03/01/13 00:15 | 0.00                         |
| 03/09/13 20:00 | 0.10                         |
| 03/09/13 20:15 | 0.10                         |
| 03/09/13 20:45 | 0.00                         |
| 03/09/13 21:15 | 0.10                         |
| 03/09/13 21:45 | 0.10                         |
| 03/09/13 22:30 | 0.10                         |
| 03/09/13 22:45 | 0.20                         |
| 03/09/13 23:00 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 03/09/13 23:15 | 0.30                         |
| 03/09/13 23:30 | 0.10                         |
| 03/09/13 23:45 | 0.10                         |
| 03/10/13 00:00 | 0.10                         |
| 03/10/13 00:15 | 0.30                         |
| 03/10/13 00:30 | 0.20                         |
| 03/23/13 06:45 | 0.10                         |
| 03/23/13 07:15 | 0.10                         |
| 03/23/13 08:15 | 0.10                         |
| 03/30/13 00:30 | 0.30                         |
| 03/30/13 00:45 | 0.50                         |
| 03/30/13 01:00 | 0.20                         |
| 03/30/13 01:15 | 0.10                         |
| 03/30/13 01:30 | 0.10                         |
| 03/31/13 06:45 | 0.10                         |
| 03/31/13 07:00 | 0.40                         |
| 03/31/13 07:15 | 0.10                         |
| 04/01/13 00:00 | 0.00                         |
| 04/01/13 00:15 | 0.00                         |
| 04/02/13 00:00 | 0.00                         |
| 04/02/13 22:15 | 0.10                         |
| 04/03/13 02:45 | 0.10                         |
| 04/03/13 04:15 | 0.10                         |
| 04/03/13 17:00 | 0.10                         |
| 04/03/13 17:45 | 0.10                         |
| 04/10/13 04:45 | 0.10                         |
| 04/18/13 03:30 | 0.30                         |
| 04/18/13 03:45 | 0.40                         |
| 04/18/13 04:00 | 0.30                         |
| 04/18/13 04:15 | 0.10                         |
| 04/18/13 04:45 | 0.10                         |
| 04/18/13 05:15 | 0.10                         |
| 04/19/13 02:30 | 0.10                         |
| 04/23/13 00:15 | 0.00                         |
| 04/25/13 00:00 | 0.00                         |
| 05/01/13 00:00 | 0.00                         |
| 05/01/13 00:15 | 0.00                         |
| 05/02/13 15:30 | 0.10                         |
| 05/09/13 13:00 | 0.10                         |
| 05/09/13 14:30 | 0.10                         |
| 05/15/13 21:15 | 0.10                         |
| 05/15/13 21:30 | 0.20                         |
| 05/15/13 21:45 | 0.40                         |
| 05/15/13 22:00 | 0.10                         |
| 05/15/13 22:15 | 0.10                         |
| 05/15/13 22:30 | 0.10                         |
| 05/21/13 13:30 | 0.40                         |
| 05/21/13 13:45 | 0.40                         |
| 05/21/13 14:15 | 0.10                         |
| 05/21/13 16:45 | 0.10                         |
| 05/24/13 20:30 | 0.10                         |
| 05/24/13 20:45 | 0.20                         |
| 05/24/13 21:15 | 0.10                         |
| 05/24/13 22:00 | 0.10                         |
| 05/24/13 22:15 | 0.30                         |
| 05/24/13 22:30 | 0.20                         |
| 05/24/13 22:45 | 0.10                         |
| 05/24/13 23:30 | 0.10                         |
| 05/25/13 16:15 | 0.10                         |
| 05/25/13 16:30 | 0.20                         |
| 05/26/13 03:30 | 0.10                         |
| 05/26/13 04:00 | 0.10                         |
| 05/26/13 04:15 | 0.10                         |
| 05/29/13 19:00 | 0.10                         |
| 06/01/13 00:00 | 0.00                         |
| 06/01/13 00:15 | 0.00                         |
| 06/01/13 17:00 | 0.10                         |
| 06/06/13 03:15 | 0.10                         |
| 06/06/13 04:15 | 0.10                         |
| 06/09/13 05:15 | 0.20                         |
| 06/09/13 05:30 | 0.40                         |
| 06/09/13 05:45 | 0.10                         |
| 06/09/13 06:00 | 0.10                         |
| 06/09/13 06:15 | 0.10                         |
| 06/09/13 06:45 | 0.10                         |
| 06/09/13 07:15 | 0.10                         |
| 06/17/13 06:45 | 0.60                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 06/17/13 07:00 | 0.30                         |
| 06/17/13 07:30 | 0.10                         |
| 06/17/13 08:00 | 0.10                         |
| 06/17/13 08:30 | 0.10                         |
| 06/17/13 09:30 | 0.10                         |
| 06/18/13 02:45 | 0.10                         |
| 06/18/13 05:45 | 0.10                         |
| 07/01/13 00:15 | 0.00                         |
| 07/11/13 16:30 | 0.10                         |
| 07/14/13 07:45 | 0.10                         |
| 07/14/13 09:45 | 0.10                         |
| 07/14/13 12:15 | 0.10                         |
| 07/15/13 06:45 | 0.10                         |
| 07/15/13 16:15 | 0.10                         |
| 07/15/13 17:15 | 0.10                         |
| 07/16/13 17:45 | 0.20                         |
| 07/16/13 23:15 | 0.10                         |
| 07/16/13 23:30 | 0.10                         |
| 07/17/13 00:00 | 0.10                         |
| 07/17/13 08:15 | 0.10                         |
| 07/19/13 15:00 | 0.10                         |
| 07/26/13 06:45 | 0.10                         |
| 07/26/13 08:15 | 0.10                         |
| 07/26/13 08:45 | 0.10                         |
| 08/01/13 00:15 | 0.00                         |
| 08/08/13 13:00 | 0.00                         |
| 08/08/13 14:45 | 0.00                         |
| 08/08/13 15:00 | 0.00                         |
| 08/16/13 04:15 | 0.10                         |
| 09/01/13 00:00 | 0.00                         |
| 09/01/13 00:15 | 0.00                         |
| 09/01/13 18:45 | 0.10                         |
| 09/02/13 05:00 | 0.10                         |
| 09/02/13 09:45 | 0.10                         |
| 09/02/13 11:00 | 0.10                         |
| 09/13/13 17:00 | 0.10                         |
| 09/13/13 17:15 | 0.20                         |
| 09/19/13 19:30 | 0.10                         |
| 09/19/13 19:45 | 0.10                         |
| 09/19/13 20:00 | 0.20                         |
| 09/19/13 20:15 | 0.10                         |
| 09/19/13 21:00 | 0.10                         |
| 09/19/13 21:15 | 0.20                         |
| 09/19/13 21:30 | 0.50                         |
| 09/19/13 21:45 | 0.10                         |
| 09/20/13 00:45 | 0.10                         |
| 09/20/13 03:30 | 0.10                         |
| 09/20/13 05:00 | 0.10                         |
| 09/20/13 06:15 | 0.10                         |
| 09/20/13 06:30 | 0.10                         |
| 09/20/13 07:15 | 0.10                         |
| 09/20/13 11:00 | 0.10                         |
| 09/28/13 13:15 | 0.60                         |
| 09/28/13 13:30 | 0.30                         |
| 09/29/13 08:00 | 0.10                         |
| 10/01/13 00:00 | 0.00                         |
| 10/01/13 00:15 | 0.00                         |
| 10/05/13 17:30 | 0.10                         |
| 10/05/13 17:45 | 0.10                         |
| 10/05/13 18:15 | 0.10                         |
| 10/12/13 16:30 | 0.10                         |
| 10/14/13 02:30 | 0.10                         |
| 10/14/13 06:00 | 0.10                         |
| 10/14/13 06:30 | 0.10                         |
| 10/14/13 07:30 | 0.10                         |
| 10/14/13 08:00 | 0.10                         |
| 10/14/13 10:15 | 0.10                         |
| 10/14/13 13:45 | 0.10                         |
| 10/15/13 13:30 | 0.10                         |
| 10/15/13 17:15 | 0.10                         |
| 10/15/13 19:15 | 0.10                         |
| 10/15/13 20:30 | 0.10                         |
| 10/15/13 23:30 | 0.10                         |
| 10/16/13 01:30 | 0.10                         |
| 10/26/13 18:15 | 0.40                         |
| 10/26/13 18:30 | 0.40                         |
| 10/26/13 18:45 | 0.10                         |



| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 10/26/13 19:15 | 0.10                         |
| 10/26/13 19:30 | 0.10                         |
| 10/26/13 20:00 | 0.10                         |
| 10/26/13 20:30 | 0.10                         |
| 10/26/13 21:00 | 0.10                         |
| 10/30/13 11:45 | 0.10                         |
| 10/30/13 12:45 | 0.10                         |
| 11/01/13 00:00 | 0.00                         |
| 11/01/13 00:15 | 0.00                         |
| 11/04/13 19:00 | 0.00                         |
| 11/04/13 19:15 | 0.10                         |
| 11/04/13 21:30 | 0.10                         |
| 11/04/13 22:30 | 0.10                         |
| 11/04/13 22:45 | 0.10                         |
| 11/05/13 00:00 | 0.10                         |
| 11/05/13 01:45 | 0.10                         |
| 11/05/13 18:45 | 0.10                         |
| 11/21/13 20:30 | 0.10                         |
| 11/21/13 20:45 | 0.10                         |
| 11/21/13 21:15 | 0.10                         |
| 11/21/13 21:45 | 0.10                         |
| 11/22/13 13:00 | 0.10                         |
| 11/22/13 14:30 | 0.10                         |
| 11/22/13 18:00 | 0.10                         |
| 11/22/13 22:15 | 0.10                         |
| 11/23/13 00:15 | 0.10                         |
| 11/25/13 00:45 | 0.10                         |
| 11/25/13 03:15 | 0.10                         |
| 11/25/13 04:00 | 0.10                         |
| 11/25/13 06:45 | 0.10                         |
| 12/01/13 00:00 | 0.00                         |
| 12/01/13 00:15 | 0.00                         |
| 12/05/13 14:45 | 0.10                         |
| 12/05/13 18:45 | 0.10                         |
| 12/05/13 20:30 | 0.10                         |
| 12/05/13 22:30 | 0.10                         |
| 12/05/13 23:00 | 0.10                         |
| 12/05/13 23:45 | 0.10                         |
| 12/06/13 00:45 | 0.10                         |
| 12/06/13 01:00 | 0.10                         |
| 12/06/13 01:30 | 0.10                         |
| 12/06/13 02:00 | 0.10                         |
| 12/06/13 02:30 | 0.10                         |
| 12/06/13 03:15 | 0.10                         |
| 12/06/13 03:45 | 0.10                         |
| 12/06/13 04:00 | 0.10                         |
| 12/06/13 06:30 | 0.10                         |
| 12/08/13 12:30 | 0.10                         |
| 12/08/13 14:00 | 0.10                         |
| 12/13/13 23:30 | 0.10                         |
| 12/21/13 02:30 | 0.20                         |
| 12/21/13 03:00 | 0.10                         |
| 12/21/13 03:15 | 0.10                         |
| 12/21/13 07:00 | 0.10                         |
| 12/21/13 07:30 | 0.10                         |
| 12/21/13 08:00 | 0.10                         |
| 12/21/13 08:30 | 0.10                         |
| 12/21/13 09:00 | 0.10                         |
| 12/21/13 10:00 | 0.10                         |
| 12/21/13 10:30 | 0.10                         |
| 12/21/13 11:00 | 0.10                         |
| 12/21/13 12:00 | 0.10                         |
| 12/21/13 15:00 | 0.10                         |
| 01/01/14 00:00 | 0.00                         |
| 07/02/75 15:15 | 0.00                         |
| 07/02/75 15:45 | 0.10                         |
| 07/03/75 15:00 | 0.20                         |
| 07/04/75 15:45 | 0.10                         |
| 07/10/75 13:45 | 0.10                         |
| 07/24/75 11:30 | 0.20                         |
| 07/24/75 11:45 | 0.40                         |
| 07/24/75 12:00 | 0.10                         |
| 07/24/75 12:15 | 0.10                         |
| 07/24/75 12:30 | 0.10                         |
| 07/24/75 16:45 | 0.20                         |
| 07/24/75 17:00 | 0.30                         |
| 07/24/75 17:15 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 07/24/75 19:00 | 0.10                         |
| 07/24/75 21:00 | 0.10                         |
| 07/24/75 21:30 | 0.10                         |
| 07/24/75 22:15 | 0.10                         |
| 07/24/75 22:45 | 0.10                         |
| 07/24/75 23:15 | 0.10                         |
| 07/25/75 01:15 | 0.10                         |
| 07/25/75 02:15 | 0.10                         |
| 07/25/75 03:15 | 0.10                         |
| 07/25/75 05:00 | 0.10                         |
| 07/25/75 05:30 | 0.10                         |
| 07/25/75 06:00 | 0.10                         |
| 07/25/75 06:45 | 0.10                         |
| 07/25/75 07:00 | 0.40                         |
| 07/25/75 07:15 | 0.20                         |
| 07/25/75 11:15 | 0.10                         |
| 07/25/75 12:00 | 0.10                         |
| 07/26/75 09:45 | 0.10                         |
| 07/29/75 15:30 | 0.60                         |
| 08/01/75 00:15 | 0.00                         |
| 08/16/75 18:45 | 0.10                         |
| 08/21/75 15:30 | 0.20                         |
| 08/21/75 15:45 | 0.30                         |
| 08/21/75 17:45 | 0.10                         |
| 09/01/75 00:15 | 0.00                         |
| 09/05/75 16:00 | 0.10                         |
| 09/06/75 08:45 | 0.10                         |
| 09/15/75 09:30 | 0.10                         |
| 09/15/75 18:45 | 0.30                         |
| 09/15/75 19:00 | 0.10                         |
| 09/15/75 21:00 | 0.10                         |
| 10/01/75 00:15 | 0.00                         |
| 11/01/75 00:15 | 0.00                         |
| 11/02/75 08:45 | 0.10                         |
| 11/02/75 09:15 | 0.10                         |
| 11/02/75 10:45 | 0.10                         |
| 11/02/75 12:30 | 0.10                         |
| 11/19/75 13:45 | 0.10                         |
| 11/19/75 17:00 | 0.10                         |
| 11/19/75 18:45 | 0.10                         |
| 11/29/75 22:15 | 0.10                         |
| 11/29/75 22:30 | 0.10                         |
| 11/30/75 01:00 | 0.10                         |
| 12/01/75 00:15 | 0.00                         |
| 12/24/75 01:45 | 0.10                         |
| 12/24/75 07:30 | 0.10                         |
| 12/24/75 10:45 | 0.10                         |
| 12/24/75 11:00 | 0.10                         |
| 12/24/75 12:00 | 0.10                         |
| 12/24/75 12:30 | 0.10                         |
| 12/24/75 13:15 | 0.10                         |
| 12/24/75 13:45 | 0.10                         |
| 12/24/75 14:15 | 0.10                         |
| 12/24/75 14:45 | 0.10                         |
| 12/24/75 15:30 | 0.10                         |
| 12/24/75 16:45 | 0.10                         |
| 12/24/75 17:45 | 0.10                         |
| 12/24/75 19:15 | 0.10                         |
| 12/25/75 00:15 | 0.10                         |
| 12/25/75 14:45 | 0.10                         |
| 01/01/76 00:15 | 0.00                         |
| 01/19/76 18:15 | 0.10                         |
| 01/24/76 18:45 | 0.10                         |
| 01/24/76 20:15 | 0.10                         |
| 02/01/76 00:15 | 0.00                         |
| 02/05/76 02:45 | 0.10                         |
| 02/09/76 11:00 | 0.10                         |
| 02/17/76 08:00 | 0.10                         |
| 02/17/76 09:00 | 0.10                         |
| 02/17/76 09:45 | 0.10                         |
| 02/17/76 11:00 | 0.10                         |
| 02/17/76 11:30 | 0.10                         |
| 02/20/76 20:15 | 0.10                         |
| 02/20/76 20:30 | 0.20                         |
| 02/20/76 20:45 | 0.10                         |
| 03/01/76 00:15 | 0.00                         |
| 03/04/76 15:30 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 03/07/76 08:15 | 0.10                         |
| 03/07/76 17:00 | 0.10                         |
| 03/07/76 21:00 | 0.10                         |
| 03/07/76 21:30 | 0.10                         |
| 03/07/76 22:00 | 0.10                         |
| 03/07/76 22:15 | 0.30                         |
| 03/07/76 23:45 | 0.10                         |
| 03/08/76 03:30 | 0.10                         |
| 03/08/76 03:45 | 0.10                         |
| 03/08/76 05:45 | 0.10                         |
| 03/08/76 08:45 | 0.10                         |
| 03/11/76 15:30 | 0.10                         |
| 03/11/76 20:15 | 0.10                         |
| 03/11/76 20:30 | 0.10                         |
| 03/13/76 07:30 | 0.10                         |
| 03/24/76 03:00 | 0.10                         |
| 03/24/76 04:15 | 0.10                         |
| 03/24/76 05:45 | 0.10                         |
| 03/24/76 06:30 | 0.10                         |
| 03/24/76 06:45 | 0.10                         |
| 03/24/76 07:15 | 0.10                         |
| 03/24/76 08:00 | 0.10                         |
| 03/24/76 08:30 | 0.10                         |
| 03/28/76 10:15 | 0.10                         |
| 03/28/76 10:45 | 0.10                         |
| 03/28/76 12:15 | 0.10                         |
| 03/28/76 13:15 | 0.20                         |
| 03/28/76 13:45 | 0.10                         |
| 04/01/76 00:15 | 0.00                         |
| 04/03/76 10:00 | 0.10                         |
| 04/03/76 11:15 | 0.10                         |
| 04/04/76 04:00 | 0.10                         |
| 04/07/76 11:30 | 0.10                         |
| 04/07/76 12:00 | 0.10                         |
| 04/07/76 12:30 | 0.10                         |
| 04/07/76 13:15 | 0.10                         |
| 04/13/76 00:45 | 0.10                         |
| 04/13/76 01:00 | 0.10                         |
| 04/13/76 01:45 | 0.10                         |
| 04/13/76 05:15 | 0.10                         |
| 04/15/76 23:00 | 0.10                         |
| 04/15/76 23:30 | 0.10                         |
| 04/15/76 23:45 | 0.10                         |
| 04/16/76 00:15 | 0.10                         |
| 04/16/76 00:30 | 0.10                         |
| 04/17/76 18:30 | 0.10                         |
| 04/17/76 18:45 | 0.10                         |
| 04/17/76 20:30 | 0.10                         |
| 04/17/76 21:30 | 0.20                         |
| 04/17/76 21:45 | 0.10                         |
| 04/17/76 22:30 | 0.10                         |
| 04/17/76 23:15 | 0.10                         |
| 04/18/76 00:30 | 0.10                         |
| 04/18/76 01:00 | 0.10                         |
| 04/18/76 01:30 | 0.10                         |
| 04/18/76 03:15 | 0.10                         |
| 04/18/76 04:00 | 0.10                         |
| 04/18/76 22:30 | 0.10                         |
| 04/18/76 23:00 | 0.10                         |
| 04/18/76 23:15 | 0.10                         |
| 04/18/76 23:30 | 0.20                         |
| 04/18/76 23:45 | 0.10                         |
| 04/19/76 00:15 | 0.10                         |
| 04/19/76 00:30 | 0.20                         |
| 04/19/76 00:45 | 0.10                         |
| 04/19/76 01:15 | 0.10                         |
| 04/19/76 01:30 | 0.10                         |
| 04/19/76 01:45 | 0.30                         |
| 04/19/76 02:00 | 0.40                         |
| 04/19/76 02:15 | 0.30                         |
| 04/19/76 03:00 | 0.20                         |
| 04/19/76 03:15 | 0.10                         |
| 04/19/76 10:45 | 0.10                         |
| 04/19/76 23:00 | 0.20                         |
| 04/19/76 23:45 | 0.10                         |
| 04/20/76 00:45 | 0.20                         |
| 04/24/76 01:15 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 04/24/76 01:30 | 0.40                         |
| 04/24/76 01:45 | 0.10                         |
| 04/28/76 15:45 | 0.10                         |
| 04/28/76 16:00 | 0.10                         |
| 04/28/76 16:45 | 0.10                         |
| 04/28/76 17:15 | 0.10                         |
| 04/28/76 17:45 | 0.10                         |
| 04/29/76 00:30 | 0.10                         |
| 05/01/76 00:15 | 0.00                         |
| 05/05/76 11:45 | 0.20                         |
| 05/05/76 12:00 | 0.10                         |
| 05/05/76 13:00 | 0.10                         |
| 05/05/76 14:00 | 0.10                         |
| 05/05/76 14:30 | 0.10                         |
| 05/05/76 15:00 | 0.10                         |
| 05/05/76 16:00 | 0.10                         |
| 05/05/76 16:30 | 0.10                         |
| 05/06/76 02:30 | 0.10                         |
| 05/06/76 02:45 | 0.10                         |
| 05/12/76 18:15 | 0.60                         |
| 05/12/76 18:30 | 0.20                         |
| 05/12/76 18:45 | 0.10                         |
| 05/12/76 20:15 | 0.10                         |
| 05/13/76 03:00 | 0.10                         |
| 05/13/76 16:00 | 0.10                         |
| 05/23/76 07:15 | 0.10                         |
| 05/23/76 19:30 | 0.30                         |
| 05/23/76 19:45 | 0.30                         |
| 05/23/76 20:45 | 0.40                         |
| 05/25/76 12:30 | 0.10                         |
| 05/25/76 13:15 | 0.10                         |
| 05/25/76 14:00 | 0.10                         |
| 05/25/76 15:00 | 0.10                         |
| 05/25/76 18:45 | 0.10                         |
| 05/25/76 19:30 | 0.10                         |
| 05/26/76 16:00 | 0.10                         |
| 05/26/76 16:15 | 0.20                         |
| 05/26/76 16:45 | 0.20                         |
| 05/26/76 17:00 | 0.80                         |
| 05/26/76 17:15 | 0.10                         |
| 05/30/76 21:00 | 0.20                         |
| 05/30/76 21:15 | 0.30                         |
| 05/30/76 21:30 | 0.20                         |
| 05/30/76 21:45 | 0.10                         |
| 05/30/76 22:00 | 0.10                         |
| 05/30/76 22:15 | 0.10                         |
| 05/30/76 22:45 | 0.10                         |
| 05/30/76 23:00 | 0.10                         |
| 05/30/76 23:15 | 0.20                         |
| 05/30/76 23:30 | 0.10                         |
| 05/31/76 02:30 | 0.30                         |
| 05/31/76 02:45 | 0.10                         |
| 05/31/76 05:00 | 0.10                         |
| 06/01/76 00:15 | 0.00                         |
| 06/16/76 00:30 | 0.10                         |
| 06/18/76 07:00 | 0.10                         |
| 06/18/76 07:15 | 0.40                         |
| 06/18/76 07:30 | 0.10                         |
| 06/18/76 07:45 | 0.30                         |
| 06/18/76 08:15 | 0.10                         |
| 06/18/76 08:30 | 0.10                         |
| 06/18/76 09:45 | 0.10                         |
| 06/23/76 09:45 | 0.10                         |
| 07/01/76 00:15 | 0.00                         |
| 07/03/76 17:45 | 0.20                         |
| 07/03/76 18:00 | 0.10                         |
| 07/03/76 18:45 | 0.10                         |
| 07/03/76 19:15 | 0.10                         |
| 07/03/76 20:15 | 0.10                         |
| 07/04/76 20:15 | 0.10                         |
| 07/04/76 20:45 | 0.10                         |
| 07/09/76 15:30 | 0.20                         |
| 07/09/76 15:45 | 0.10                         |
| 07/09/76 16:00 | 0.10                         |
| 07/09/76 16:15 | 0.10                         |
| 07/09/76 17:00 | 0.10                         |
| 07/10/76 10:15 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 07/11/76 15:00 | 0.20                         |
| 07/11/76 15:15 | 0.30                         |
| 07/11/76 15:30 | 0.10                         |
| 07/11/76 17:30 | 0.10                         |
| 07/13/76 11:45 | 0.50                         |
| 07/13/76 12:00 | 0.20                         |
| 07/13/76 12:15 | 0.10                         |
| 07/15/76 01:15 | 0.10                         |
| 07/16/76 11:45 | 0.10                         |
| 07/16/76 12:30 | 0.60                         |
| 07/16/76 12:45 | 0.20                         |
| 07/16/76 13:00 | 0.10                         |
| 07/16/76 14:00 | 0.10                         |
| 07/25/76 12:30 | 0.10                         |
| 07/25/76 13:30 | 0.20                         |
| 08/01/76 00:15 | 0.00                         |
| 09/01/76 00:15 | 0.00                         |
| 09/01/76 10:15 | 0.00                         |
| 09/01/76 11:45 | 0.10                         |
| 09/01/76 12:15 | 0.10                         |
| 09/01/76 15:00 | 0.10                         |
| 09/02/76 02:15 | 0.10                         |
| 09/03/76 07:15 | 0.10                         |
| 09/03/76 09:00 | 0.10                         |
| 09/03/76 09:15 | 0.10                         |
| 09/03/76 09:30 | 0.10                         |
| 09/03/76 09:45 | 0.50                         |
| 09/03/76 10:00 | 0.10                         |
| 09/03/76 10:30 | 0.10                         |
| 09/05/76 11:15 | 0.00                         |
| 10/01/76 00:15 | 0.00                         |
| 10/04/76 21:00 | 0.10                         |
| 10/04/76 22:00 | 0.10                         |
| 10/04/76 22:30 | 0.10                         |
| 10/04/76 23:00 | 0.10                         |
| 10/04/76 23:30 | 0.10                         |
| 10/05/76 02:30 | 0.10                         |
| 10/07/76 13:30 | 0.10                         |
| 10/07/76 15:30 | 0.10                         |
| 10/15/76 14:30 | 0.10                         |
| 10/15/76 15:45 | 0.10                         |
| 10/15/76 22:00 | 0.20                         |
| 10/15/76 22:15 | 0.10                         |
| 10/15/76 22:30 | 0.10                         |
| 10/19/76 07:30 | 0.10                         |
| 10/19/76 08:00 | 0.10                         |
| 10/19/76 08:45 | 0.10                         |
| 10/24/76 20:00 | 0.10                         |
| 10/24/76 20:15 | 0.10                         |
| 10/24/76 20:30 | 0.20                         |
| 10/24/76 20:45 | 0.10                         |
| 10/24/76 21:00 | 0.10                         |
| 10/24/76 21:15 | 0.10                         |
| 10/24/76 21:30 | 0.10                         |
| 10/24/76 22:00 | 0.10                         |
| 10/28/76 23:45 | 0.10                         |
| 10/29/76 01:15 | 0.10                         |
| 10/29/76 03:00 | 0.10                         |
| 10/29/76 05:30 | 0.10                         |
| 10/29/76 06:30 | 0.10                         |
| 10/29/76 07:15 | 0.10                         |
| 10/29/76 08:00 | 0.10                         |
| 10/29/76 08:30 | 0.10                         |
| 10/29/76 08:45 | 0.10                         |
| 10/29/76 09:45 | 0.10                         |
| 10/29/76 10:15 | 0.10                         |
| 10/29/76 10:45 | 0.10                         |
| 10/29/76 11:15 | 0.10                         |
| 10/29/76 11:45 | 0.10                         |
| 10/29/76 12:15 | 0.10                         |
| 10/29/76 16:30 | 0.10                         |
| 11/01/76 00:15 | 0.00                         |
| 11/13/76 00:15 | 0.00                         |
| 11/15/76 11:00 | 0.50                         |
| 12/01/76 00:15 | 0.00                         |
| 12/05/76 12:45 | 0.10                         |
| 12/05/76 13:15 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 12/05/76 15:30 | 0.10                         |
| 12/05/76 17:30 | 0.10                         |
| 12/05/76 17:45 | 0.10                         |
| 12/05/76 18:45 | 0.10                         |
| 12/05/76 20:15 | 0.10                         |
| 12/05/76 20:30 | 0.10                         |
| 12/05/76 21:30 | 0.10                         |
| 12/06/76 00:30 | 0.10                         |
| 12/06/76 01:00 | 0.10                         |
| 12/06/76 01:30 | 0.10                         |
| 12/06/76 02:15 | 0.10                         |
| 12/10/76 14:00 | 0.10                         |
| 12/10/76 15:00 | 0.10                         |
| 12/10/76 17:00 | 0.10                         |
| 12/10/76 17:15 | 0.10                         |
| 12/10/76 18:15 | 0.10                         |
| 12/10/76 19:15 | 0.10                         |
| 12/10/76 20:15 | 0.10                         |
| 12/10/76 21:00 | 0.10                         |
| 12/11/76 02:15 | 0.10                         |
| 12/11/76 02:45 | 0.10                         |
| 12/11/76 04:00 | 0.10                         |
| 12/11/76 04:15 | 0.10                         |
| 12/11/76 04:45 | 0.10                         |
| 12/11/76 06:00 | 0.10                         |
| 12/11/76 08:45 | 0.10                         |
| 12/14/76 03:15 | 0.10                         |
| 01/01/77 00:15 | 0.00                         |
| 01/01/77 21:30 | 0.10                         |
| 01/02/77 00:45 | 0.10                         |
| 01/02/77 20:45 | 0.10                         |
| 01/03/77 13:00 | 0.10                         |
| 01/03/77 13:15 | 0.10                         |
| 01/06/77 07:15 | 0.10                         |
| 01/09/77 00:15 | 0.10                         |
| 01/09/77 00:45 | 0.10                         |
| 01/09/77 02:00 | 0.10                         |
| 01/09/77 02:30 | 0.10                         |
| 01/09/77 04:30 | 0.10                         |
| 01/12/77 21:00 | 0.10                         |
| 01/12/77 23:00 | 0.10                         |
| 01/13/77 03:45 | 0.10                         |
| 01/13/77 11:30 | 0.10                         |
| 01/13/77 12:15 | 0.10                         |
| 01/13/77 14:15 | 0.10                         |
| 01/22/77 23:00 | 0.10                         |
| 01/23/77 00:45 | 0.10                         |
| 01/23/77 03:00 | 0.10                         |
| 01/23/77 17:30 | 0.10                         |
| 01/30/77 07:30 | 0.10                         |
| 01/30/77 10:15 | 0.10                         |
| 01/30/77 14:30 | 0.10                         |
| 01/30/77 15:45 | 0.10                         |
| 01/30/77 17:45 | 0.10                         |
| 02/01/77 00:15 | 0.00                         |
| 02/02/77 21:30 | 0.10                         |
| 02/03/77 01:15 | 0.20                         |
| 02/03/77 03:00 | 0.10                         |
| 02/03/77 05:45 | 0.10                         |
| 02/11/77 01:00 | 0.10                         |
| 02/11/77 01:45 | 0.10                         |
| 02/11/77 02:30 | 0.10                         |
| 02/11/77 02:45 | 0.10                         |
| 02/11/77 03:15 | 0.10                         |
| 02/11/77 03:30 | 0.20                         |
| 02/11/77 04:15 | 0.10                         |
| 02/11/77 07:45 | 0.10                         |
| 02/11/77 09:30 | 0.10                         |
| 02/11/77 10:00 | 0.20                         |
| 02/11/77 10:15 | 0.10                         |
| 02/11/77 10:30 | 0.10                         |
| 02/11/77 10:45 | 0.10                         |
| 02/11/77 12:00 | 0.10                         |
| 02/11/77 13:00 | 0.10                         |
| 02/11/77 20:45 | 0.10                         |
| 02/23/77 01:45 | 0.30                         |
| 02/23/77 02:00 | 0.20                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 03/01/77 00:15 | 0.00                         |
| 03/02/77 23:00 | 0.20                         |
| 03/02/77 23:15 | 0.50                         |
| 03/02/77 23:45 | 0.10                         |
| 03/03/77 00:15 | 0.10                         |
| 03/03/77 01:00 | 0.10                         |
| 03/03/77 01:45 | 0.10                         |
| 03/03/77 02:00 | 0.20                         |
| 03/03/77 02:15 | 0.10                         |
| 03/03/77 02:30 | 0.10                         |
| 03/03/77 03:00 | 0.10                         |
| 03/03/77 03:30 | 0.10                         |
| 03/03/77 04:00 | 0.10                         |
| 03/03/77 07:15 | 0.10                         |
| 03/03/77 07:45 | 0.10                         |
| 03/03/77 08:00 | 0.10                         |
| 03/03/77 08:30 | 0.10                         |
| 03/03/77 09:00 | 0.10                         |
| 03/11/77 01:15 | 0.10                         |
| 03/24/77 10:30 | 0.10                         |
| 03/26/77 12:15 | 0.10                         |
| 03/26/77 13:45 | 0.10                         |
| 03/26/77 14:30 | 0.10                         |
| 03/26/77 16:30 | 0.10                         |
| 03/26/77 19:30 | 0.10                         |
| 03/27/77 00:30 | 0.10                         |
| 03/27/77 01:15 | 0.10                         |
| 03/27/77 02:00 | 0.10                         |
| 03/27/77 02:15 | 0.10                         |
| 03/27/77 02:30 | 0.10                         |
| 03/27/77 02:45 | 0.10                         |
| 03/27/77 03:00 | 0.20                         |
| 03/27/77 03:15 | 0.10                         |
| 03/27/77 03:30 | 0.80                         |
| 03/27/77 03:45 | 0.10                         |
| 03/27/77 04:15 | 0.20                         |
| 03/27/77 04:30 | 0.30                         |
| 03/27/77 04:45 | 0.20                         |
| 03/27/77 05:00 | 0.60                         |
| 03/27/77 05:15 | 0.60                         |
| 03/27/77 05:30 | 0.20                         |
| 03/27/77 05:45 | 0.10                         |
| 03/27/77 06:15 | 0.10                         |
| 03/27/77 06:30 | 0.10                         |
| 03/27/77 07:30 | 0.10                         |
| 03/27/77 07:45 | 0.10                         |
| 03/27/77 08:00 | 0.30                         |
| 03/27/77 08:15 | 0.20                         |
| 03/27/77 08:30 | 0.10                         |
| 03/27/77 08:45 | 0.10                         |
| 03/27/77 09:00 | 0.10                         |
| 03/27/77 09:30 | 0.10                         |
| 03/27/77 14:30 | 0.10                         |
| 03/27/77 23:15 | 0.10                         |
| 04/01/77 00:15 | 0.00                         |
| 04/14/77 21:00 | 0.10                         |
| 04/14/77 21:15 | 0.10                         |
| 04/14/77 21:30 | 0.10                         |
| 04/14/77 23:15 | 0.10                         |
| 04/14/77 23:30 | 0.10                         |
| 04/14/77 23:45 | 0.10                         |
| 04/15/77 00:15 | 0.30                         |
| 04/15/77 00:45 | 0.10                         |
| 04/15/77 01:15 | 0.10                         |
| 04/15/77 02:15 | 0.10                         |
| 04/15/77 02:30 | 0.10                         |
| 04/15/77 03:00 | 0.10                         |
| 04/15/77 04:00 | 0.10                         |
| 04/15/77 08:15 | 0.10                         |
| 04/15/77 18:00 | 0.10                         |
| 04/15/77 18:45 | 0.10                         |
| 04/16/77 00:30 | 0.10                         |
| 04/16/77 13:15 | 0.10                         |
| 04/16/77 16:00 | 0.20                         |
| 04/16/77 17:00 | 0.10                         |
| 04/18/77 22:45 | 0.10                         |
| 04/18/77 23:15 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 04/18/77 23:30 | 0.10                         |
| 04/18/77 23:45 | 0.40                         |
| 04/20/77 01:00 | 0.10                         |
| 04/20/77 01:15 | 0.20                         |
| 04/20/77 01:30 | 0.20                         |
| 04/20/77 02:30 | 0.10                         |
| 04/20/77 03:00 | 0.10                         |
| 04/20/77 03:15 | 0.10                         |
| 04/20/77 03:45 | 0.10                         |
| 04/20/77 04:15 | 0.10                         |
| 04/20/77 05:00 | 0.10                         |
| 04/30/77 02:30 | 0.10                         |
| 04/30/77 08:00 | 0.10                         |
| 05/01/77 00:15 | 0.00                         |
| 05/02/77 11:45 | 0.10                         |
| 05/02/77 13:00 | 0.10                         |
| 05/21/77 02:45 | 0.10                         |
| 05/21/77 03:00 | 0.10                         |
| 05/21/77 03:15 | 0.10                         |
| 06/01/77 00:15 | 0.00                         |
| 06/12/77 16:45 | 0.60                         |
| 06/12/77 17:00 | 1.90                         |
| 06/12/77 17:15 | 0.60                         |
| 06/12/77 17:30 | 0.30                         |
| 06/12/77 18:30 | 0.10                         |
| 06/12/77 19:45 | 0.10                         |
| 06/15/77 11:15 | 0.10                         |
| 06/16/77 01:45 | 0.10                         |
| 07/01/77 00:15 | 0.00                         |
| 07/26/77 18:30 | 0.20                         |
| 07/27/77 20:15 | 0.70                         |
| 07/27/77 20:30 | 1.30                         |
| 07/27/77 20:45 | 0.30                         |
| 07/27/77 21:45 | 0.10                         |
| 07/28/77 06:45 | 0.10                         |
| 08/01/77 00:15 | 0.00                         |
| 08/01/77 00:45 | 0.10                         |
| 08/01/77 01:00 | 0.10                         |
| 08/01/77 03:30 | 0.10                         |
| 08/01/77 04:00 | 0.10                         |
| 08/01/77 04:30 | 0.10                         |
| 08/12/77 14:15 | 0.10                         |
| 08/12/77 14:45 | 0.10                         |
| 08/18/77 07:00 | 0.10                         |
| 08/19/77 16:45 | 0.30                         |
| 08/19/77 17:00 | 0.10                         |
| 08/20/77 01:30 | 0.10                         |
| 08/20/77 02:00 | 0.10                         |
| 08/20/77 02:45 | 0.30                         |
| 08/20/77 03:00 | 0.50                         |
| 08/20/77 03:15 | 0.60                         |
| 08/20/77 03:30 | 0.10                         |
| 08/20/77 04:00 | 0.10                         |
| 08/20/77 04:30 | 0.10                         |
| 08/20/77 04:45 | 0.30                         |
| 08/20/77 05:00 | 0.10                         |
| 08/20/77 06:30 | 0.10                         |
| 08/22/77 17:45 | 0.10                         |
| 08/22/77 19:45 | 0.10                         |
| 08/22/77 20:00 | 0.10                         |
| 08/22/77 20:30 | 0.10                         |
| 09/01/77 00:15 | 0.00                         |
| 09/07/77 14:45 | 0.10                         |
| 09/07/77 15:15 | 0.60                         |
| 09/07/77 15:30 | 0.30                         |
| 09/07/77 15:45 | 0.20                         |
| 09/07/77 16:00 | 0.10                         |
| 09/07/77 16:30 | 0.10                         |
| 09/07/77 17:15 | 0.10                         |
| 10/01/77 00:15 | 0.00                         |
| 10/07/77 19:30 | 0.10                         |
| 10/10/77 07:30 | 0.10                         |
| 10/22/77 12:15 | 0.10                         |
| 10/22/77 12:30 | 0.10                         |
| 10/22/77 12:45 | 0.10                         |
| 10/22/77 13:30 | 0.10                         |
| 10/22/77 15:00 | 0.20                         |



| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 10/24/77 15:00 | 0.10                         |
| 10/28/77 07:00 | 0.10                         |
| 10/31/77 19:45 | 0.10                         |
| 11/01/77 00:15 | 0.00                         |
| 11/01/77 06:00 | 0.10                         |
| 11/01/77 09:45 | 0.10                         |
| 11/01/77 10:00 | 0.20                         |
| 11/01/77 10:15 | 0.10                         |
| 11/01/77 11:45 | 0.10                         |
| 11/08/77 03:45 | 0.10                         |
| 11/08/77 06:45 | 0.10                         |
| 11/08/77 07:30 | 0.10                         |
| 11/08/77 07:45 | 0.10                         |
| 11/08/77 08:00 | 0.10                         |
| 11/08/77 08:45 | 0.10                         |
| 11/08/77 09:15 | 0.10                         |
| 11/08/77 09:30 | 0.10                         |
| 11/08/77 10:30 | 0.10                         |
| 11/29/77 07:30 | 0.10                         |
| 11/29/77 09:45 | 0.10                         |
| 11/29/77 17:45 | 0.10                         |
| 11/30/77 10:30 | 0.10                         |
| 11/30/77 11:45 | 0.10                         |
| 12/01/77 00:15 | 0.00                         |
| 12/12/77 06:15 | 0.10                         |
| 12/29/77 02:00 | 0.10                         |
| 12/29/77 03:00 | 0.10                         |
| 12/31/77 10:15 | 0.10                         |
| 01/01/78 00:15 | 0.00                         |
| 01/11/78 04:15 | 0.10                         |
| 01/11/78 11:15 | 0.10                         |
| 01/11/78 11:30 | 0.10                         |
| 01/11/78 13:00 | 0.10                         |
| 01/11/78 14:15 | 0.10                         |
| 01/12/78 13:45 | 0.10                         |
| 01/16/78 03:00 | 0.10                         |
| 01/16/78 06:45 | 0.10                         |
| 01/18/78 13:15 | 0.10                         |
| 01/18/78 15:30 | 0.10                         |
| 01/18/78 20:15 | 0.10                         |
| 01/21/78 16:30 | 0.10                         |
| 01/24/78 09:15 | 0.10                         |
| 01/25/78 06:30 | 0.10                         |
| 01/31/78 08:45 | 0.10                         |
| 01/31/78 12:15 | 0.10                         |
| 01/31/78 14:15 | 0.10                         |
| 01/31/78 16:30 | 0.10                         |
| 02/01/78 00:15 | 0.00                         |
| 02/06/78 23:00 | 0.10                         |
| 02/07/78 00:45 | 0.10                         |
| 02/07/78 04:15 | 0.10                         |
| 02/07/78 05:45 | 0.10                         |
| 02/07/78 07:45 | 0.10                         |
| 02/07/78 22:30 | 0.10                         |
| 02/08/78 04:45 | 0.10                         |
| 02/08/78 20:30 | 0.10                         |
| 02/09/78 02:00 | 0.10                         |
| 02/09/78 03:15 | 0.10                         |
| 02/09/78 04:15 | 0.00                         |
| 02/09/78 12:00 | 0.20                         |
| 02/12/78 06:30 | 0.10                         |
| 02/12/78 07:15 | 0.10                         |
| 02/12/78 07:30 | 0.10                         |
| 02/12/78 08:15 | 0.10                         |
| 02/12/78 09:00 | 0.30                         |
| 02/12/78 09:15 | 0.10                         |
| 02/12/78 09:30 | 0.10                         |
| 02/12/78 09:45 | 0.10                         |
| 02/12/78 10:15 | 0.10                         |
| 02/12/78 10:30 | 0.10                         |
| 02/12/78 10:45 | 0.10                         |
| 02/12/78 11:15 | 0.10                         |
| 02/12/78 11:45 | 0.10                         |
| 02/12/78 12:00 | 0.10                         |
| 02/12/78 12:15 | 0.10                         |
| 02/12/78 13:30 | 0.10                         |
| 02/12/78 14:15 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 02/12/78 15:00 | 0.20                         |
| 02/12/78 15:15 | 0.10                         |
| 02/15/78 07:00 | 0.10                         |
| 02/15/78 08:15 | 0.10                         |
| 02/17/78 06:15 | 0.10                         |
| 02/17/78 07:30 | 0.10                         |
| 02/17/78 09:45 | 0.10                         |
| 02/17/78 12:30 | 0.10                         |
| 02/17/78 20:15 | 0.00                         |
| 02/18/78 12:00 | 0.20                         |
| 03/01/78 00:15 | 0.00                         |
| 03/01/78 22:30 | 0.10                         |
| 03/06/78 17:00 | 0.10                         |
| 03/06/78 17:15 | 0.10                         |
| 03/06/78 19:00 | 0.10                         |
| 03/07/78 01:00 | 0.10                         |
| 03/07/78 01:15 | 0.10                         |
| 03/07/78 01:45 | 0.10                         |
| 03/07/78 02:00 | 0.10                         |
| 03/07/78 02:15 | 0.10                         |
| 03/13/78 08:15 | 0.10                         |
| 03/23/78 17:15 | 0.00                         |
| 03/23/78 18:00 | 0.40                         |
| 03/23/78 18:15 | 0.00                         |
| 03/23/78 19:00 | 0.50                         |
| 03/23/78 19:15 | 0.00                         |
| 03/23/78 20:00 | 0.40                         |
| 04/01/78 00:15 | 0.00                         |
| 04/09/78 14:15 | 0.10                         |
| 04/09/78 22:00 | 0.10                         |
| 04/10/78 00:45 | 0.10                         |
| 04/10/78 01:15 | 0.10                         |
| 04/10/78 02:15 | 0.10                         |
| 04/10/78 03:30 | 0.10                         |
| 04/10/78 05:00 | 0.10                         |
| 04/10/78 08:15 | 0.10                         |
| 04/22/78 22:15 | 0.10                         |
| 05/01/78 00:15 | 0.00                         |
| 06/01/78 00:15 | 0.00                         |
| 06/03/78 16:00 | 0.10                         |
| 06/06/78 07:30 | 0.10                         |
| 06/06/78 07:45 | 0.10                         |
| 06/06/78 08:00 | 0.10                         |
| 06/06/78 12:15 | 0.00                         |
| 06/06/78 13:00 | 0.10                         |
| 06/07/78 18:45 | 0.70                         |
| 06/07/78 19:00 | 0.20                         |
| 06/07/78 19:15 | 0.10                         |
| 06/07/78 20:15 | 0.10                         |
| 07/01/78 00:15 | 0.00                         |
| 07/23/78 09:00 | 0.10                         |
| 07/23/78 09:45 | 0.10                         |
| 07/23/78 14:15 | 0.10                         |
| 07/23/78 14:30 | 0.10                         |
| 07/23/78 15:00 | 0.10                         |
| 07/28/78 12:00 | 0.10                         |
| 08/01/78 00:15 | 0.00                         |
| 08/01/78 08:30 | 0.10                         |
| 08/04/78 17:30 | 0.40                         |
| 08/05/78 01:15 | 0.20                         |
| 08/05/78 01:30 | 0.10                         |
| 08/05/78 05:30 | 0.10                         |
| 08/05/78 05:45 | 0.10                         |
| 08/05/78 06:30 | 0.10                         |
| 08/05/78 08:00 | 0.20                         |
| 08/05/78 08:15 | 0.30                         |
| 08/05/78 08:30 | 0.50                         |
| 08/05/78 08:45 | 0.10                         |
| 08/05/78 09:15 | 0.10                         |
| 08/06/78 03:15 | 0.10                         |
| 08/21/78 19:15 | 0.20                         |
| 08/21/78 20:45 | 0.10                         |
| 08/28/78 15:00 | 0.50                         |
| 08/28/78 15:15 | 0.20                         |
| 08/29/78 11:00 | 0.10                         |
| 09/01/78 00:15 | 0.00                         |
| 09/01/78 17:00 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 09/08/78 17:15 | 0.10                         |
| 09/11/78 11:30 | 0.20                         |
| 09/11/78 12:00 | 0.10                         |
| 09/12/78 06:45 | 0.10                         |
| 09/12/78 09:30 | 0.10                         |
| 09/21/78 07:00 | 0.20                         |
| 09/21/78 07:15 | 0.10                         |
| 09/21/78 08:00 | 0.10                         |
| 09/21/78 09:15 | 0.10                         |
| 09/21/78 09:30 | 0.10                         |
| 09/21/78 10:15 | 0.10                         |
| 09/21/78 12:30 | 0.10                         |
| 10/01/78 00:15 | 0.00                         |
| 10/05/78 01:15 | 0.10                         |
| 10/05/78 01:30 | 0.20                         |
| 10/25/78 08:15 | 0.10                         |
| 01/01/79 00:15 | 0.00                         |
| 01/04/79 11:30 | 0.10                         |
| 01/04/79 16:15 | 0.10                         |
| 01/05/79 01:15 | 0.10                         |
| 01/10/79 14:45 | 0.10                         |
| 01/10/79 16:00 | 0.10                         |
| 01/10/79 17:00 | 0.10                         |
| 01/10/79 18:30 | 0.10                         |
| 01/10/79 20:00 | 0.10                         |
| 01/11/79 11:00 | 0.10                         |
| 01/16/79 08:00 | 0.10                         |
| 01/18/79 10:15 | 0.10                         |
| 01/18/79 11:15 | 0.10                         |
| 01/18/79 12:30 | 0.10                         |
| 01/18/79 12:45 | 0.10                         |
| 01/18/79 13:00 | 0.10                         |
| 01/18/79 19:00 | 0.20                         |
| 01/18/79 19:15 | 0.10                         |
| 01/18/79 20:45 | 0.10                         |
| 01/19/79 10:45 | 0.10                         |
| 01/19/79 11:00 | 0.10                         |
| 01/19/79 11:15 | 0.10                         |
| 01/19/79 13:45 | 0.20                         |
| 01/19/79 15:30 | 0.10                         |
| 01/19/79 15:45 | 0.20                         |
| 01/20/79 08:30 | 0.10                         |
| 01/20/79 12:45 | 0.10                         |
| 01/24/79 11:00 | 0.10                         |
| 01/25/79 13:45 | 0.10                         |
| 01/25/79 14:15 | 0.10                         |
| 01/25/79 15:15 | 0.10                         |
| 01/25/79 16:45 | 0.10                         |
| 01/25/79 18:30 | 0.10                         |
| 01/26/79 10:45 | 0.10                         |
| 01/29/79 11:00 | 0.10                         |
| 01/29/79 17:45 | 0.10                         |
| 02/01/79 00:15 | 0.00                         |
| 02/02/79 15:00 | 0.10                         |
| 02/05/79 02:30 | 0.10                         |
| 02/05/79 09:00 | 0.10                         |
| 02/05/79 21:15 | 0.10                         |
| 02/05/79 23:30 | 0.10                         |
| 02/06/79 12:15 | 0.10                         |
| 02/06/79 13:15 | 0.10                         |
| 02/17/79 01:30 | 0.10                         |
| 02/17/79 03:45 | 0.10                         |
| 02/17/79 15:15 | 0.10                         |
| 02/17/79 16:15 | 0.10                         |
| 02/17/79 18:30 | 0.10                         |
| 02/20/79 08:00 | 0.10                         |
| 02/20/79 16:45 | 0.10                         |
| 02/24/79 07:45 | 0.20                         |
| 02/24/79 08:00 | 0.10                         |
| 02/24/79 08:30 | 0.10                         |
| 02/24/79 09:15 | 0.10                         |
| 02/24/79 09:30 | 0.10                         |
| 02/24/79 09:45 | 0.10                         |
| 02/24/79 10:15 | 0.10                         |
| 02/24/79 10:30 | 0.10                         |
| 02/24/79 10:45 | 0.10                         |
| 02/24/79 11:15 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 02/27/79 21:00 | 0.10                         |
| 02/27/79 21:15 | 0.10                         |
| 03/01/79 00:15 | 0.00                         |
| 03/02/79 14:30 | 0.30                         |
| 03/02/79 14:45 | 0.10                         |
| 03/02/79 15:00 | 0.10                         |
| 03/02/79 15:15 | 0.10                         |
| 03/02/79 20:30 | 0.10                         |
| 03/02/79 20:45 | 0.10                         |
| 03/02/79 21:00 | 0.20                         |
| 03/02/79 21:15 | 0.10                         |
| 03/02/79 22:30 | 0.10                         |
| 03/03/79 01:00 | 0.10                         |
| 03/15/79 12:15 | 0.10                         |
| 03/15/79 13:15 | 0.10                         |
| 03/15/79 14:00 | 0.10                         |
| 03/15/79 14:45 | 0.10                         |
| 03/15/79 15:45 | 0.10                         |
| 03/15/79 17:00 | 0.10                         |
| 03/15/79 18:00 | 0.10                         |
| 03/15/79 18:30 | 0.10                         |
| 03/15/79 19:15 | 0.10                         |
| 03/16/79 00:45 | 0.10                         |
| 03/16/79 03:30 | 0.10                         |
| 03/16/79 05:30 | 0.10                         |
| 03/16/79 08:15 | 0.10                         |
| 03/16/79 09:15 | 0.10                         |
| 03/16/79 10:00 | 0.10                         |
| 03/16/79 12:45 | 0.10                         |
| 03/16/79 19:00 | 0.10                         |
| 03/18/79 05:15 | 0.10                         |
| 03/18/79 07:15 | 0.10                         |
| 03/19/79 16:30 | 0.10                         |
| 03/19/79 16:45 | 0.10                         |
| 03/19/79 17:00 | 0.10                         |
| 03/19/79 17:15 | 0.10                         |
| 03/19/79 17:45 | 0.10                         |
| 03/19/79 18:15 | 0.10                         |
| 03/19/79 18:30 | 0.10                         |
| 03/19/79 18:45 | 0.10                         |
| 03/19/79 19:00 | 0.20                         |
| 03/19/79 19:15 | 0.10                         |
| 03/19/79 19:45 | 0.10                         |
| 03/19/79 20:15 | 0.10                         |
| 03/22/79 06:00 | 0.10                         |
| 03/22/79 06:30 | 0.10                         |
| 03/22/79 07:45 | 0.10                         |
| 03/25/79 08:15 | 0.10                         |
| 03/30/79 00:15 | 0.00                         |
| 03/30/79 01:00 | 0.80                         |
| 03/30/79 01:15 | 0.30                         |
| 03/30/79 01:30 | 0.30                         |
| 03/30/79 01:45 | 0.10                         |
| 03/30/79 02:15 | 0.20                         |
| 03/30/79 03:15 | 0.10                         |
| 03/30/79 04:30 | 0.10                         |
| 03/30/79 04:45 | 0.60                         |
| 03/30/79 05:00 | 0.10                         |
| 03/30/79 05:15 | 0.10                         |
| 03/30/79 06:00 | 0.10                         |
| 03/30/79 06:30 | 0.10                         |
| 03/30/79 06:45 | 0.10                         |
| 03/30/79 07:15 | 0.10                         |
| 03/30/79 07:45 | 0.10                         |
| 03/31/79 18:00 | 0.10                         |
| 04/01/79 00:15 | 0.00                         |
| 04/03/79 22:15 | 0.10                         |
| 04/05/79 10:00 | 0.10                         |
| 04/07/79 12:30 | 0.10                         |
| 04/09/79 19:45 | 0.10                         |
| 04/13/79 09:30 | 0.10                         |
| 04/17/79 15:45 | 0.10                         |
| 04/17/79 16:00 | 0.10                         |
| 04/17/79 16:30 | 0.10                         |
| 04/17/79 17:30 | 0.10                         |
| 04/17/79 18:45 | 0.10                         |
| 04/17/79 19:00 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 04/17/79 20:45 | 0.10                         |
| 04/17/79 22:30 | 0.10                         |
| 04/19/79 19:15 | 0.10                         |
| 04/19/79 20:30 | 0.10                         |
| 04/25/79 14:30 | 0.20                         |
| 04/26/79 18:15 | 0.10                         |
| 04/29/79 05:15 | 0.10                         |
| 04/29/79 05:30 | 0.10                         |
| 05/01/79 00:15 | 0.00                         |
| 05/01/79 03:00 | 0.10                         |
| 05/01/79 06:00 | 0.10                         |
| 05/01/79 07:00 | 0.10                         |
| 05/01/79 08:30 | 0.10                         |
| 05/01/79 21:00 | 0.10                         |
| 05/01/79 22:15 | 0.30                         |
| 05/01/79 22:30 | 0.10                         |
| 05/01/79 22:45 | 0.10                         |
| 05/01/79 23:30 | 0.10                         |
| 05/03/79 10:45 | 1.40                         |
| 05/03/79 11:00 | 0.30                         |
| 05/03/79 12:45 | 0.10                         |
| 05/03/79 13:15 | 0.40                         |
| 05/03/79 13:30 | 0.50                         |
| 05/03/79 13:45 | 0.20                         |
| 05/03/79 14:00 | 0.10                         |
| 05/03/79 14:15 | 0.10                         |
| 05/03/79 14:30 | 0.10                         |
| 05/03/79 14:45 | 0.60                         |
| 05/03/79 15:00 | 0.20                         |
| 05/03/79 15:15 | 0.10                         |
| 05/03/79 15:30 | 0.10                         |
| 05/03/79 17:00 | 0.10                         |
| 05/10/79 18:00 | 0.50                         |
| 05/10/79 18:15 | 0.30                         |
| 05/11/79 02:30 | 0.10                         |
| 05/11/79 03:00 | 0.10                         |
| 05/11/79 03:15 | 0.20                         |
| 05/11/79 03:30 | 0.10                         |
| 05/11/79 04:15 | 0.10                         |
| 05/11/79 12:30 | 0.10                         |
| 05/11/79 15:15 | 0.10                         |
| 05/21/79 04:30 | 0.10                         |
| 05/21/79 07:30 | 0.10                         |
| 05/21/79 23:15 | 0.10                         |
| 05/21/79 23:45 | 0.10                         |
| 05/22/79 10:45 | 0.10                         |
| 05/22/79 19:15 | 0.10                         |
| 05/29/79 08:45 | 0.10                         |
| 05/29/79 10:00 | 0.10                         |
| 05/29/79 20:15 | 0.10                         |
| 05/29/79 20:45 | 0.10                         |
| 05/29/79 21:00 | 0.30                         |
| 05/29/79 21:15 | 0.10                         |
| 05/29/79 21:30 | 0.10                         |
| 05/29/79 23:45 | 0.10                         |
| 05/30/79 05:00 | 0.10                         |
| 05/30/79 05:15 | 0.10                         |
| 05/30/79 05:30 | 0.20                         |
| 05/30/79 05:45 | 0.10                         |
| 06/01/79 00:15 | 0.00                         |
| 06/01/79 11:45 | 0.10                         |
| 06/01/79 12:30 | 0.10                         |
| 06/01/79 18:45 | 0.10                         |
| 06/02/79 02:30 | 0.10                         |
| 06/02/79 03:45 | 0.10                         |
| 06/02/79 06:00 | 0.10                         |
| 06/04/79 21:00 | 0.30                         |
| 06/05/79 04:15 | 0.10                         |
| 06/05/79 05:15 | 0.10                         |
| 06/05/79 05:30 | 0.10                         |
| 06/05/79 06:30 | 0.10                         |
| 06/05/79 07:45 | 0.10                         |
| 06/05/79 08:15 | 0.10                         |
| 07/01/79 00:15 | 0.00                         |
| 07/05/79 17:30 | 0.20                         |
| 07/05/79 18:15 | 0.10                         |
| 07/06/79 11:15 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 07/06/79 12:00 | 0.20                         |
| 07/07/79 03:15 | 0.20                         |
| 07/07/79 03:30 | 0.20                         |
| 07/07/79 04:15 | 0.10                         |
| 07/07/79 06:45 | 0.10                         |
| 07/07/79 07:30 | 0.10                         |
| 07/15/79 16:00 | 0.10                         |
| 07/15/79 16:15 | 0.20                         |
| 07/15/79 16:30 | 0.10                         |
| 07/26/79 15:00 | 0.10                         |
| 07/27/79 01:30 | 0.10                         |
| 07/31/79 17:30 | 0.20                         |
| 07/31/79 17:45 | 0.20                         |
| 07/31/79 18:30 | 0.10                         |
| 08/01/79 00:15 | 0.00                         |
| 08/01/79 17:15 | 0.30                         |
| 08/01/79 17:30 | 1.00                         |
| 08/01/79 17:45 | 0.30                         |
| 08/02/79 00:15 | 0.30                         |
| 08/02/79 01:15 | 0.10                         |
| 08/02/79 01:30 | 0.10                         |
| 08/02/79 01:45 | 0.10                         |
| 08/03/79 02:45 | 0.10                         |
| 08/03/79 03:30 | 0.20                         |
| 08/03/79 03:45 | 0.10                         |
| 08/03/79 04:30 | 0.10                         |
| 08/03/79 05:30 | 0.10                         |
| 08/03/79 06:15 | 0.10                         |
| 08/03/79 08:45 | 0.10                         |
| 08/03/79 09:00 | 0.10                         |
| 08/03/79 10:15 | 0.10                         |
| 08/09/79 13:00 | 0.20                         |
| 08/09/79 13:15 | 0.40                         |
| 08/09/79 13:30 | 0.20                         |
| 08/10/79 16:15 | 0.10                         |
| 08/11/79 09:45 | 0.10                         |
| 08/21/79 01:45 | 0.10                         |
| 09/01/79 00:15 | 0.00                         |
| 09/03/79 09:15 | 0.40                         |
| 09/03/79 09:30 | 0.20                         |
| 09/03/79 13:30 | 0.10                         |
| 09/19/79 07:15 | 0.00                         |
| 09/19/79 08:00 | 0.10                         |
| 09/19/79 09:15 | 0.00                         |
| 09/19/79 10:00 | 0.10                         |
| 09/19/79 11:15 | 0.00                         |
| 09/19/79 12:00 | 0.10                         |
| 09/19/79 13:15 | 0.00                         |
| 09/19/79 14:00 | 0.10                         |
| 09/19/79 14:15 | 0.00                         |
| 09/19/79 15:00 | 0.10                         |
| 09/19/79 17:15 | 0.00                         |
| 09/19/79 18:00 | 0.10                         |
| 09/19/79 20:15 | 0.00                         |
| 09/19/79 21:00 | 0.10                         |
| 09/19/79 22:15 | 0.00                         |
| 09/19/79 23:00 | 0.10                         |
| 09/19/79 23:15 | 0.00                         |
| 09/20/79 00:15 | 0.00                         |
| 09/20/79 01:00 | 0.10                         |
| 09/20/79 02:15 | 0.00                         |
| 09/20/79 03:00 | 0.10                         |
| 09/20/79 05:15 | 0.00                         |
| 09/20/79 06:00 | 0.10                         |
| 09/20/79 06:15 | 0.00                         |
| 09/20/79 07:00 | 0.10                         |
| 09/20/79 07:15 | 0.00                         |
| 09/20/79 08:00 | 0.10                         |
| 09/20/79 10:15 | 0.00                         |
| 09/20/79 11:00 | 0.10                         |
| 10/01/79 00:15 | 0.00                         |
| 10/15/79 15:45 | 0.10                         |
| 10/15/79 16:00 | 0.10                         |
| 10/15/79 16:15 | 0.10                         |
| 10/15/79 16:30 | 0.10                         |
| 10/15/79 16:45 | 0.20                         |
| 10/15/79 18:00 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 10/21/79 23:15 | 0.00                         |
| 10/23/79 12:15 | 0.20                         |
| 10/30/79 11:15 | 0.00                         |
| 10/30/79 12:00 | 0.30                         |
| 10/30/79 12:15 | 1.00                         |
| 10/30/79 13:15 | 0.10                         |
| 10/30/79 14:00 | 0.10                         |
| 10/30/79 16:30 | 0.10                         |
| 11/01/79 00:15 | 0.00                         |
| 11/09/79 03:15 | 0.10                         |
| 11/09/79 03:30 | 0.10                         |
| 11/20/79 09:15 | 0.10                         |
| 11/21/79 04:45 | 0.10                         |
| 12/01/79 00:15 | 0.00                         |
| 12/01/79 08:30 | 0.10                         |
| 12/12/79 02:15 | 0.00                         |
| 12/12/79 03:00 | 0.10                         |
| 12/12/79 05:15 | 0.00                         |
| 12/12/79 06:00 | 0.10                         |
| 12/12/79 06:15 | 0.00                         |
| 12/12/79 07:00 | 0.10                         |
| 12/12/79 07:15 | 0.00                         |
| 12/12/79 08:00 | 0.40                         |
| 12/12/79 09:15 | 0.00                         |
| 12/12/79 10:00 | 0.10                         |
| 12/12/79 10:15 | 0.00                         |
| 12/12/79 11:00 | 0.10                         |
| 12/12/79 11:15 | 0.00                         |
| 12/12/79 12:00 | 0.10                         |
| 12/12/79 12:15 | 0.00                         |
| 12/12/79 13:00 | 0.10                         |
| 12/12/79 13:15 | 0.00                         |
| 12/12/79 14:00 | 0.10                         |
| 12/12/79 20:15 | 0.00                         |
| 12/12/79 21:00 | 0.10                         |
| 12/21/79 17:15 | 0.00                         |
| 12/21/79 18:00 | 0.10                         |
| 12/21/79 19:15 | 0.00                         |
| 12/21/79 20:00 | 0.20                         |
| 12/21/79 20:15 | 0.00                         |
| 12/21/79 21:00 | 0.10                         |
| 12/21/79 21:15 | 0.00                         |
| 12/21/79 22:00 | 0.10                         |
| 12/23/79 05:15 | 0.00                         |
| 12/23/79 06:00 | 0.10                         |
| 12/23/79 06:15 | 0.00                         |
| 12/23/79 07:00 | 0.80                         |
| 12/23/79 07:15 | 0.00                         |
| 12/23/79 08:00 | 0.20                         |
| 12/23/79 08:15 | 0.00                         |
| 12/23/79 09:00 | 0.20                         |
| 12/23/79 09:15 | 0.00                         |
| 12/23/79 10:00 | 0.10                         |
| 12/23/79 10:15 | 0.00                         |
| 12/23/79 11:00 | 0.10                         |
| 12/23/79 11:15 | 0.00                         |
| 12/23/79 12:00 | 0.10                         |
| 12/23/79 12:15 | 0.00                         |
| 12/23/79 13:00 | 0.10                         |
| 12/28/79 15:15 | 0.00                         |
| 12/28/79 16:00 | 0.10                         |
| 01/01/80 00:15 | 0.00                         |
| 01/19/80 13:45 | 0.10                         |
| 01/19/80 20:30 | 0.10                         |
| 01/20/80 01:30 | 0.10                         |
| 01/20/80 22:00 | 0.10                         |
| 01/21/80 03:00 | 0.10                         |
| 01/21/80 03:45 | 0.10                         |
| 01/21/80 04:00 | 0.10                         |
| 01/21/80 04:30 | 0.10                         |
| 01/21/80 06:45 | 0.10                         |
| 01/21/80 07:00 | 0.10                         |
| 01/21/80 08:00 | 0.10                         |
| 01/21/80 09:30 | 0.10                         |
| 01/21/80 16:45 | 0.10                         |
| 01/21/80 17:00 | 0.10                         |
| 01/21/80 18:15 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 01/21/80 19:00 | 0.10                         |
| 01/22/80 02:30 | 0.10                         |
| 01/22/80 03:15 | 0.10                         |
| 01/22/80 03:45 | 0.10                         |
| 01/22/80 04:00 | 0.10                         |
| 01/22/80 04:15 | 0.10                         |
| 01/22/80 04:30 | 0.10                         |
| 01/22/80 04:45 | 0.10                         |
| 01/22/80 05:00 | 0.10                         |
| 01/22/80 05:15 | 0.10                         |
| 01/22/80 05:45 | 0.10                         |
| 01/22/80 14:15 | 0.10                         |
| 01/28/80 10:30 | 0.10                         |
| 01/28/80 18:30 | 0.10                         |
| 01/29/80 03:15 | 0.10                         |
| 01/29/80 13:45 | 0.10                         |
| 02/01/80 00:15 | 0.00                         |
| 02/07/80 19:30 | 0.10                         |
| 02/07/80 19:45 | 0.10                         |
| 02/07/80 20:00 | 0.10                         |
| 02/08/80 05:00 | 0.10                         |
| 02/08/80 05:45 | 0.10                         |
| 02/08/80 06:45 | 0.10                         |
| 02/08/80 08:30 | 0.10                         |
| 02/08/80 09:15 | 0.10                         |
| 02/08/80 09:45 | 0.10                         |
| 02/08/80 10:00 | 0.10                         |
| 02/08/80 10:30 | 0.10                         |
| 02/09/80 05:30 | 0.10                         |
| 02/09/80 07:00 | 0.10                         |
| 02/09/80 10:15 | 0.10                         |
| 02/16/80 10:45 | 0.10                         |
| 03/01/80 00:15 | 0.00                         |
| 03/20/80 05:15 | 0.10                         |
| 03/23/80 14:45 | 0.30                         |
| 03/27/80 10:45 | 0.20                         |
| 03/27/80 11:30 | 0.10                         |
| 03/27/80 12:15 | 0.10                         |
| 03/27/80 22:15 | 0.10                         |
| 03/27/80 22:30 | 0.30                         |
| 03/27/80 22:45 | 0.10                         |
| 03/27/80 23:00 | 0.10                         |
| 03/28/80 07:30 | 0.10                         |
| 03/29/80 06:00 | 0.10                         |
| 04/01/80 00:15 | 0.00                         |
| 04/12/80 17:00 | 0.10                         |
| 04/12/80 19:00 | 0.10                         |
| 04/12/80 23:00 | 0.10                         |
| 04/13/80 02:45 | 0.10                         |
| 04/13/80 04:00 | 0.10                         |
| 04/13/80 05:00 | 0.10                         |
| 04/13/80 05:45 | 0.10                         |
| 04/13/80 06:45 | 0.10                         |
| 04/13/80 08:00 | 0.10                         |
| 04/13/80 08:30 | 0.10                         |
| 04/13/80 08:45 | 0.10                         |
| 04/13/80 09:15 | 0.10                         |
| 04/13/80 10:15 | 0.10                         |
| 04/13/80 12:30 | 0.10                         |
| 04/13/80 13:45 | 0.10                         |
| 04/24/80 20:30 | 0.10                         |
| 04/24/80 20:45 | 0.20                         |
| 04/24/80 21:00 | 0.10                         |
| 04/25/80 10:00 | 0.10                         |
| 05/01/80 00:15 | 0.00                         |
| 05/01/80 21:00 | 0.10                         |
| 05/01/80 22:30 | 0.10                         |
| 05/02/80 03:15 | 0.10                         |
| 05/08/80 09:00 | 0.10                         |
| 05/08/80 09:15 | 0.20                         |
| 05/08/80 09:45 | 0.10                         |
| 05/08/80 10:00 | 0.10                         |
| 05/12/80 08:15 | 0.10                         |
| 05/12/80 09:30 | 0.10                         |
| 05/14/80 18:45 | 0.10                         |
| 05/14/80 19:45 | 0.10                         |
| 05/14/80 20:45 | 0.10                         |



| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 05/15/80 01:30 | 0.10                         |
| 05/15/80 02:15 | 0.10                         |
| 05/15/80 03:15 | 0.10                         |
| 05/15/80 09:00 | 0.10                         |
| 05/15/80 09:15 | 0.20                         |
| 05/15/80 09:30 | 0.10                         |
| 05/15/80 10:00 | 0.10                         |
| 05/15/80 10:15 | 0.10                         |
| 05/15/80 11:30 | 0.10                         |
| 05/15/80 12:00 | 0.20                         |
| 05/15/80 12:15 | 0.10                         |
| 05/15/80 12:30 | 0.10                         |
| 05/15/80 13:30 | 0.10                         |
| 05/15/80 15:15 | 0.10                         |
| 05/15/80 17:15 | 0.10                         |
| 05/15/80 19:15 | 0.10                         |
| 05/20/80 21:45 | 0.10                         |
| 05/20/80 22:15 | 0.10                         |
| 06/01/80 00:15 | 0.00                         |
| 06/20/80 02:00 | 0.50                         |
| 06/20/80 02:15 | 0.10                         |
| 06/20/80 08:00 | 0.20                         |
| 06/20/80 08:15 | 0.40                         |
| 06/20/80 08:30 | 0.20                         |
| 06/20/80 08:45 | 0.10                         |
| 06/22/80 09:15 | 0.10                         |
| 06/22/80 09:30 | 0.10                         |
| 06/22/80 12:30 | 0.10                         |
| 07/01/80 00:15 | 0.00                         |
| 07/21/80 13:45 | 0.10                         |
| 07/27/80 14:15 | 0.10                         |
| 07/27/80 14:30 | 0.20                         |
| 07/27/80 19:30 | 0.10                         |
| 08/01/80 00:15 | 0.00                         |
| 09/01/80 00:15 | 0.00                         |
| 09/08/80 13:15 | 0.40                         |
| 09/08/80 13:30 | 0.10                         |
| 09/08/80 13:45 | 0.10                         |
| 09/08/80 14:00 | 0.10                         |
| 09/09/80 11:15 | 0.00                         |
| 09/09/80 12:00 | 0.10                         |
| 09/26/80 19:00 | 0.10                         |
| 09/26/80 19:15 | 0.20                         |
| 09/26/80 19:30 | 0.10                         |
| 09/26/80 19:45 | 0.20                         |
| 09/26/80 20:00 | 0.10                         |
| 09/26/80 20:30 | 0.10                         |
| 09/26/80 20:45 | 0.10                         |
| 09/26/80 21:00 | 0.10                         |
| 09/26/80 23:30 | 0.10                         |
| 09/27/80 01:15 | 0.10                         |
| 09/27/80 04:00 | 0.10                         |
| 09/27/80 05:15 | 0.10                         |
| 09/27/80 10:45 | 0.10                         |
| 09/27/80 13:00 | 0.10                         |
| 09/27/80 14:00 | 0.10                         |
| 09/27/80 22:15 | 0.10                         |
| 09/28/80 03:15 | 0.10                         |
| 09/28/80 12:15 | 0.10                         |
| 09/28/80 21:30 | 0.10                         |
| 09/28/80 21:45 | 0.10                         |
| 09/28/80 22:45 | 0.10                         |
| 09/28/80 23:15 | 0.10                         |
| 09/29/80 01:00 | 0.10                         |
| 09/29/80 01:15 | 0.40                         |
| 09/29/80 01:30 | 0.40                         |
| 09/29/80 01:45 | 0.40                         |
| 09/29/80 02:15 | 0.20                         |
| 09/29/80 02:30 | 0.20                         |
| 09/29/80 02:45 | 0.10                         |
| 09/29/80 03:15 | 0.10                         |
| 09/29/80 04:15 | 0.10                         |
| 09/29/80 04:45 | 0.10                         |
| 09/29/80 05:00 | 0.20                         |
| 09/29/80 05:30 | 0.10                         |
| 09/29/80 06:15 | 0.10                         |
| 09/29/80 06:30 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 09/29/80 06:45 | 0.10                         |
| 09/29/80 07:00 | 0.10                         |
| 09/29/80 07:15 | 0.10                         |
| 09/29/80 07:45 | 0.10                         |
| 09/29/80 08:15 | 0.10                         |
| 09/29/80 08:45 | 0.10                         |
| 09/29/80 09:00 | 0.10                         |
| 09/29/80 09:45 | 0.10                         |
| 09/29/80 10:15 | 0.10                         |
| 09/29/80 11:45 | 0.10                         |
| 09/29/80 14:00 | 0.10                         |
| 09/29/80 15:15 | 0.10                         |
| 10/01/80 00:15 | 0.00                         |
| 10/14/80 10:45 | 0.10                         |
| 10/17/80 05:45 | 0.30                         |
| 10/17/80 06:00 | 0.60                         |
| 10/17/80 06:15 | 0.30                         |
| 10/23/80 19:00 | 0.20                         |
| 10/23/80 19:15 | 0.10                         |
| 10/27/80 09:15 | 0.10                         |
| 11/01/80 00:15 | 0.00                         |
| 11/16/80 02:30 | 0.10                         |
| 11/16/80 06:30 | 0.10                         |
| 11/16/80 07:30 | 0.10                         |
| 11/16/80 09:45 | 0.10                         |
| 11/16/80 11:45 | 0.10                         |
| 11/16/80 13:00 | 0.10                         |
| 11/16/80 14:45 | 0.10                         |
| 11/16/80 16:30 | 0.10                         |
| 11/16/80 18:00 | 0.10                         |
| 11/16/80 19:30 | 0.10                         |
| 11/16/80 22:15 | 0.10                         |
| 11/17/80 06:45 | 0.10                         |
| 11/22/80 12:00 | 0.10                         |
| 11/22/80 13:00 | 0.10                         |
| 11/22/80 15:15 | 0.10                         |
| 12/01/80 00:15 | 0.00                         |
| 12/05/80 01:30 | 0.10                         |
| 12/08/80 04:15 | 0.10                         |
| 12/08/80 04:30 | 0.30                         |
| 12/08/80 04:45 | 0.10                         |
| 12/08/80 05:15 | 0.20                         |
| 12/08/80 05:45 | 0.10                         |
| 12/08/80 06:00 | 0.20                         |
| 12/08/80 06:30 | 0.10                         |
| 12/08/80 07:45 | 0.10                         |
| 12/08/80 08:30 | 0.10                         |
| 12/08/80 09:00 | 0.10                         |
| 12/08/80 09:30 | 0.10                         |
| 12/08/80 10:00 | 0.10                         |
| 12/08/80 11:30 | 0.10                         |
| 12/08/80 12:00 | 0.10                         |
| 12/08/80 14:00 | 0.10                         |
| 12/11/80 12:15 | 0.10                         |
| 01/01/81 00:15 | 0.00                         |
| 01/09/81 02:15 | 0.10                         |
| 01/19/81 15:15 | 0.00                         |
| 01/19/81 16:00 | 0.10                         |
| 01/19/81 20:00 | 0.10                         |
| 01/19/81 22:15 | 0.00                         |
| 01/19/81 23:00 | 0.10                         |
| 01/21/81 17:15 | 0.10                         |
| 01/31/81 17:30 | 0.10                         |
| 01/31/81 20:00 | 0.10                         |
| 02/01/81 00:15 | 0.00                         |
| 03/01/81 00:15 | 0.00                         |
| 03/06/81 09:15 | 0.00                         |
| 03/07/81 08:45 | 0.10                         |
| 03/07/81 09:30 | 0.10                         |
| 03/07/81 10:15 | 0.10                         |
| 03/07/81 10:30 | 0.10                         |
| 03/07/81 11:00 | 0.10                         |
| 03/07/81 23:30 | 0.10                         |
| 03/17/81 20:15 | 0.20                         |
| 03/28/81 21:15 | 0.20                         |
| 03/28/81 21:45 | 0.10                         |
| 03/28/81 22:00 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 03/28/81 22:15 | 0.10                         |
| 03/28/81 22:45 | 0.10                         |
| 03/28/81 23:30 | 0.10                         |
| 03/29/81 00:15 | 0.10                         |
| 03/29/81 00:45 | 0.10                         |
| 03/29/81 01:00 | 0.10                         |
| 03/29/81 01:45 | 0.10                         |
| 04/01/81 00:15 | 0.00                         |
| 04/03/81 18:30 | 0.30                         |
| 04/03/81 18:45 | 0.10                         |
| 04/03/81 19:00 | 0.10                         |
| 04/18/81 14:30 | 0.10                         |
| 04/18/81 14:45 | 0.10                         |
| 04/18/81 15:15 | 0.10                         |
| 04/18/81 15:45 | 0.10                         |
| 04/22/81 21:15 | 0.20                         |
| 04/22/81 21:30 | 0.20                         |
| 04/22/81 21:45 | 0.10                         |
| 04/22/81 22:00 | 0.10                         |
| 04/22/81 22:45 | 0.10                         |
| 04/23/81 00:15 | 0.10                         |
| 04/23/81 05:00 | 0.10                         |
| 04/23/81 05:30 | 0.10                         |
| 04/23/81 07:45 | 0.10                         |
| 04/28/81 20:15 | 0.10                         |
| 04/28/81 20:30 | 0.30                         |
| 04/29/81 10:15 | 0.00                         |
| 04/29/81 11:00 | 0.10                         |
| 05/01/81 00:15 | 0.00                         |
| 05/01/81 02:00 | 1.00                         |
| 05/01/81 02:15 | 0.50                         |
| 05/01/81 02:30 | 0.10                         |
| 05/03/81 05:15 | 0.10                         |
| 05/03/81 14:15 | 0.10                         |
| 05/05/81 08:45 | 0.10                         |
| 05/05/81 16:15 | 0.10                         |
| 05/08/81 03:15 | 0.20                         |
| 05/08/81 03:30 | 0.10                         |
| 05/08/81 07:15 | 0.10                         |
| 05/08/81 19:45 | 0.10                         |
| 05/08/81 20:30 | 0.10                         |
| 05/08/81 20:45 | 0.20                         |
| 05/08/81 21:00 | 0.40                         |
| 05/08/81 21:15 | 0.10                         |
| 05/08/81 22:45 | 0.10                         |
| 05/08/81 23:00 | 0.10                         |
| 05/08/81 23:45 | 0.10                         |
| 05/09/81 00:15 | 0.10                         |
| 05/09/81 00:30 | 0.30                         |
| 05/09/81 00:45 | 0.20                         |
| 05/09/81 02:15 | 0.20                         |
| 05/09/81 02:30 | 0.50                         |
| 05/09/81 12:00 | 0.10                         |
| 05/15/81 13:15 | 0.10                         |
| 05/15/81 14:15 | 0.10                         |
| 05/15/81 14:45 | 0.10                         |
| 05/15/81 15:15 | 0.10                         |
| 05/15/81 15:30 | 0.10                         |
| 05/16/81 01:30 | 0.10                         |
| 05/16/81 02:30 | 0.10                         |
| 05/16/81 08:30 | 0.10                         |
| 05/18/81 04:30 | 0.10                         |
| 05/23/81 20:30 | 0.10                         |
| 05/23/81 20:45 | 0.10                         |
| 05/23/81 21:00 | 0.20                         |
| 05/23/81 21:15 | 0.00                         |
| 05/23/81 22:00 | 0.10                         |
| 05/24/81 00:30 | 0.10                         |
| 05/24/81 09:00 | 0.10                         |
| 05/27/81 03:30 | 0.10                         |
| 05/27/81 03:45 | 0.20                         |
| 05/27/81 05:15 | 0.50                         |
| 05/27/81 05:30 | 0.30                         |
| 05/27/81 05:45 | 0.10                         |
| 05/27/81 06:15 | 0.10                         |
| 05/29/81 11:30 | 0.20                         |
| 05/29/81 11:45 | 0.30                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 06/01/81 00:15 | 0.00                         |
| 06/01/81 02:45 | 0.10                         |
| 06/01/81 05:45 | 0.10                         |
| 06/01/81 06:00 | 0.30                         |
| 06/05/81 15:15 | 0.10                         |
| 06/14/81 12:45 | 0.30                         |
| 06/14/81 13:00 | 0.50                         |
| 06/14/81 14:00 | 0.10                         |
| 06/14/81 14:15 | 0.10                         |
| 06/14/81 16:00 | 0.20                         |
| 06/14/81 16:15 | 0.40                         |
| 06/14/81 16:30 | 0.10                         |
| 06/15/81 19:30 | 0.10                         |
| 06/15/81 19:45 | 0.10                         |
| 06/15/81 20:45 | 0.10                         |
| 06/15/81 21:30 | 0.10                         |
| 06/15/81 21:45 | 0.10                         |
| 06/15/81 22:15 | 0.10                         |
| 06/15/81 22:45 | 0.10                         |
| 06/15/81 23:15 | 0.10                         |
| 06/15/81 23:45 | 0.10                         |
| 06/16/81 00:15 | 0.10                         |
| 06/16/81 00:45 | 0.10                         |
| 06/16/81 01:15 | 0.10                         |
| 06/16/81 01:30 | 0.10                         |
| 06/16/81 01:45 | 0.10                         |
| 06/16/81 02:15 | 0.10                         |
| 06/16/81 03:15 | 0.10                         |
| 06/16/81 07:00 | 0.10                         |
| 07/01/81 00:15 | 0.00                         |
| 07/03/81 16:45 | 0.10                         |
| 07/03/81 17:15 | 0.90                         |
| 07/03/81 17:30 | 0.50                         |
| 07/03/81 17:45 | 0.70                         |
| 07/03/81 18:00 | 0.30                         |
| 07/03/81 19:45 | 0.20                         |
| 07/03/81 20:15 | 0.10                         |
| 07/03/81 20:30 | 0.30                         |
| 07/03/81 21:00 | 0.10                         |
| 07/03/81 23:15 | 0.10                         |
| 07/04/81 00:15 | 0.10                         |
| 07/04/81 01:00 | 0.10                         |
| 07/04/81 01:15 | 0.10                         |
| 07/04/81 01:30 | 0.10                         |
| 07/04/81 04:45 | 0.10                         |
| 07/04/81 05:00 | 0.20                         |
| 07/04/81 05:15 | 0.10                         |
| 07/04/81 05:30 | 0.20                         |
| 07/04/81 05:45 | 0.10                         |
| 07/04/81 06:00 | 0.10                         |
| 07/04/81 06:30 | 0.20                         |
| 07/04/81 06:45 | 0.30                         |
| 07/04/81 07:00 | 0.10                         |
| 07/04/81 07:15 | 0.10                         |
| 07/04/81 17:00 | 0.20                         |
| 07/04/81 17:15 | 0.60                         |
| 07/04/81 17:30 | 0.10                         |
| 07/27/81 16:15 | 0.10                         |
| 08/01/81 00:15 | 0.00                         |
| 08/07/81 08:30 | 0.10                         |
| 08/17/81 06:15 | 0.00                         |
| 08/17/81 07:00 | 0.10                         |
| 08/17/81 08:30 | 0.10                         |
| 08/17/81 08:45 | 0.30                         |
| 08/17/81 09:00 | 0.30                         |
| 08/17/81 09:30 | 0.20                         |
| 08/17/81 10:00 | 0.10                         |
| 08/17/81 10:15 | 0.10                         |
| 08/18/81 08:45 | 0.10                         |
| 08/18/81 10:00 | 0.10                         |
| 08/31/81 06:00 | 0.10                         |
| 09/01/81 00:15 | 0.00                         |
| 09/01/81 08:15 | 0.10                         |
| 09/01/81 08:45 | 0.20                         |
| 09/01/81 09:00 | 0.80                         |
| 09/01/81 09:15 | 0.30                         |
| 09/01/81 09:30 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 09/01/81 10:00 | 0.10                         |
| 09/02/81 10:45 | 0.10                         |
| 09/02/81 12:00 | 0.10                         |
| 09/04/81 11:30 | 0.20                         |
| 09/04/81 11:45 | 0.90                         |
| 09/04/81 12:00 | 0.60                         |
| 09/04/81 12:15 | 0.20                         |
| 09/07/81 21:15 | 0.10                         |
| 09/13/81 23:30 | 0.40                         |
| 09/13/81 23:45 | 0.40                         |
| 09/14/81 01:15 | 0.10                         |
| 09/14/81 01:30 | 0.10                         |
| 10/01/81 00:15 | 0.00                         |
| 10/06/81 20:30 | 0.10                         |
| 10/06/81 22:15 | 0.10                         |
| 10/06/81 22:45 | 0.10                         |
| 10/06/81 23:15 | 0.10                         |
| 10/06/81 23:30 | 0.10                         |
| 10/06/81 23:45 | 0.10                         |
| 10/07/81 00:30 | 0.10                         |
| 10/07/81 01:15 | 0.10                         |
| 10/07/81 01:45 | 0.10                         |
| 10/07/81 03:15 | 0.10                         |
| 10/07/81 04:30 | 0.10                         |
| 10/07/81 04:45 | 0.10                         |
| 10/07/81 05:00 | 0.10                         |
| 10/07/81 05:15 | 0.10                         |
| 10/07/81 05:30 | 0.10                         |
| 10/07/81 05:45 | 0.20                         |
| 10/07/81 06:00 | 0.20                         |
| 10/07/81 06:15 | 0.10                         |
| 10/07/81 06:30 | 0.10                         |
| 10/07/81 07:00 | 0.10                         |
| 10/07/81 07:45 | 0.10                         |
| 10/07/81 08:00 | 0.10                         |
| 10/07/81 08:15 | 0.10                         |
| 10/07/81 09:15 | 0.10                         |
| 10/07/81 10:00 | 0.10                         |
| 10/07/81 10:15 | 0.10                         |
| 10/07/81 10:45 | 0.10                         |
| 10/07/81 11:15 | 0.10                         |
| 10/07/81 12:00 | 0.10                         |
| 10/07/81 19:30 | 0.10                         |
| 10/09/81 00:15 | 0.10                         |
| 10/09/81 00:30 | 0.20                         |
| 10/09/81 00:45 | 0.20                         |
| 10/12/81 07:15 | 0.20                         |
| 10/12/81 07:30 | 0.70                         |
| 10/12/81 07:45 | 0.80                         |
| 10/12/81 08:00 | 0.40                         |
| 10/12/81 08:15 | 0.40                         |
| 10/12/81 08:30 | 0.10                         |
| 10/12/81 08:45 | 0.10                         |
| 10/12/81 09:00 | 0.10                         |
| 10/12/81 09:15 | 0.10                         |
| 10/12/81 09:30 | 0.10                         |
| 10/12/81 10:00 | 0.10                         |
| 10/12/81 10:45 | 0.10                         |
| 10/13/81 04:30 | 0.10                         |
| 10/13/81 05:45 | 0.10                         |
| 10/13/81 06:00 | 0.20                         |
| 10/13/81 10:30 | 0.10                         |
| 10/13/81 12:30 | 0.10                         |
| 10/13/81 12:45 | 0.20                         |
| 10/13/81 13:00 | 0.10                         |
| 10/13/81 13:15 | 0.10                         |
| 10/13/81 13:30 | 0.10                         |
| 10/13/81 15:30 | 0.10                         |
| 10/16/81 06:45 | 0.10                         |
| 10/16/81 07:15 | 0.00                         |
| 10/16/81 08:00 | 0.10                         |
| 10/16/81 12:30 | 0.10                         |
| 10/21/81 14:00 | 0.10                         |
| 10/21/81 17:15 | 0.10                         |
| 10/21/81 17:30 | 0.10                         |
| 10/21/81 17:45 | 0.10                         |
| 10/21/81 18:30 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 10/21/81 20:00 | 0.10                         |
| 10/21/81 20:30 | 0.10                         |
| 10/21/81 21:00 | 0.10                         |
| 10/21/81 22:30 | 0.10                         |
| 10/21/81 23:00 | 0.10                         |
| 10/22/81 01:00 | 0.10                         |
| 10/22/81 01:30 | 0.10                         |
| 10/22/81 02:30 | 0.10                         |
| 10/22/81 03:15 | 0.10                         |
| 10/22/81 03:45 | 0.10                         |
| 10/22/81 07:00 | 0.10                         |
| 10/22/81 07:15 | 0.10                         |
| 10/22/81 07:45 | 0.10                         |
| 10/22/81 08:00 | 0.10                         |
| 10/22/81 08:15 | 0.10                         |
| 10/22/81 09:00 | 0.10                         |
| 10/22/81 09:45 | 0.10                         |
| 10/30/81 21:30 | 0.10                         |
| 10/31/81 15:30 | 0.10                         |
| 10/31/81 15:45 | 1.00                         |
| 10/31/81 16:00 | 0.20                         |
| 10/31/81 16:15 | 0.60                         |
| 10/31/81 16:30 | 0.70                         |
| 10/31/81 16:45 | 0.50                         |
| 10/31/81 17:30 | 0.10                         |
| 10/31/81 19:45 | 0.10                         |
| 11/01/81 00:15 | 0.00                         |
| 11/08/81 07:15 | 0.20                         |
| 11/08/81 07:30 | 0.20                         |
| 11/08/81 08:15 | 0.10                         |
| 11/08/81 08:45 | 0.10                         |
| 11/08/81 09:00 | 0.10                         |
| 11/08/81 09:30 | 0.10                         |
| 11/29/81 12:00 | 0.10                         |
| 11/29/81 12:45 | 0.10                         |
| 11/30/81 04:45 | 0.20                         |
| 11/30/81 05:00 | 0.10                         |
| 11/30/81 05:15 | 0.10                         |
| 12/01/81 00:15 | 0.00                         |
| 12/13/81 13:00 | 0.10                         |
| 12/14/81 08:45 | 0.10                         |
| 01/01/82 00:15 | 0.00                         |
| 01/02/82 08:00 | 0.10                         |
| 01/12/82 12:45 | 0.10                         |
| 01/12/82 13:15 | 0.10                         |
| 01/21/82 16:30 | 0.10                         |
| 01/21/82 18:30 | 0.10                         |
| 01/21/82 21:30 | 0.10                         |
| 01/30/82 09:15 | 0.10                         |
| 01/30/82 09:30 | 0.30                         |
| 01/30/82 09:45 | 0.30                         |
| 01/30/82 10:00 | 0.10                         |
| 01/30/82 10:15 | 0.10                         |
| 01/30/82 10:30 | 0.10                         |
| 01/30/82 11:00 | 0.20                         |
| 01/30/82 11:30 | 0.10                         |
| 01/30/82 12:45 | 0.10                         |
| 01/30/82 13:45 | 0.10                         |
| 01/30/82 14:15 | 0.10                         |
| 01/30/82 22:00 | 0.10                         |
| 01/31/82 02:00 | 0.10                         |
| 02/01/82 00:15 | 0.00                         |
| 02/02/82 08:00 | 0.10                         |
| 02/08/82 13:30 | 0.10                         |
| 02/25/82 04:45 | 0.10                         |
| 02/25/82 06:30 | 0.10                         |
| 02/25/82 06:45 | 0.10                         |
| 02/25/82 07:00 | 0.10                         |
| 02/25/82 07:45 | 0.10                         |
| 02/25/82 08:15 | 0.10                         |
| 02/25/82 11:00 | 0.10                         |
| 02/25/82 19:00 | 0.10                         |
| 02/25/82 20:15 | 0.10                         |
| 02/25/82 21:15 | 0.10                         |
| 02/25/82 22:15 | 0.10                         |
| 02/25/82 23:00 | 0.10                         |
| 02/25/82 23:45 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 02/26/82 01:15 | 0.10                         |
| 02/26/82 02:00 | 0.10                         |
| 02/26/82 05:15 | 0.10                         |
| 03/01/82 00:15 | 0.00                         |
| 03/05/82 15:00 | 0.10                         |
| 03/05/82 16:00 | 0.10                         |
| 03/05/82 16:30 | 0.10                         |
| 03/05/82 16:45 | 0.10                         |
| 03/05/82 17:00 | 0.10                         |
| 03/05/82 17:15 | 0.10                         |
| 03/14/82 07:00 | 0.10                         |
| 03/14/82 07:15 | 0.10                         |
| 03/16/82 10:15 | 0.10                         |
| 03/21/82 08:15 | 0.10                         |
| 03/21/82 09:00 | 0.10                         |
| 03/21/82 09:45 | 0.10                         |
| 03/21/82 10:15 | 0.10                         |
| 03/21/82 10:45 | 0.10                         |
| 03/21/82 11:30 | 0.10                         |
| 03/26/82 21:45 | 0.10                         |
| 03/27/82 01:00 | 0.10                         |
| 03/27/82 02:00 | 0.10                         |
| 03/27/82 02:45 | 0.10                         |
| 03/27/82 03:30 | 0.10                         |
| 03/27/82 04:45 | 0.10                         |
| 03/27/82 11:45 | 0.10                         |
| 04/01/82 00:15 | 0.00                         |
| 04/02/82 07:30 | 0.10                         |
| 04/02/82 07:45 | 0.10                         |
| 04/02/82 08:00 | 0.30                         |
| 04/02/82 08:15 | 0.20                         |
| 04/10/82 06:15 | 0.10                         |
| 04/10/82 07:00 | 0.10                         |
| 04/10/82 07:15 | 0.10                         |
| 04/10/82 07:30 | 0.10                         |
| 04/10/82 08:00 | 0.10                         |
| 04/10/82 10:30 | 0.10                         |
| 04/16/82 18:30 | 0.30                         |
| 04/19/82 17:15 | 0.10                         |
| 04/19/82 17:30 | 0.10                         |
| 04/21/82 21:45 | 0.10                         |
| 04/24/82 05:15 | 0.10                         |
| 04/24/82 06:30 | 0.10                         |
| 04/28/82 16:15 | 0.40                         |
| 04/28/82 16:30 | 0.90                         |
| 04/28/82 16:45 | 0.30                         |
| 04/28/82 17:00 | 0.10                         |
| 04/30/82 20:30 | 0.10                         |
| 05/01/82 00:15 | 0.00                         |
| 05/06/82 00:15 | 0.40                         |
| 05/06/82 00:30 | 0.10                         |
| 05/06/82 00:45 | 0.10                         |
| 05/06/82 01:15 | 0.10                         |
| 05/06/82 01:30 | 0.10                         |
| 05/06/82 01:45 | 0.10                         |
| 05/06/82 02:15 | 0.10                         |
| 05/06/82 02:45 | 0.10                         |
| 05/06/82 03:15 | 0.10                         |
| 05/11/82 19:30 | 0.10                         |
| 05/12/82 14:00 | 0.20                         |
| 05/12/82 14:15 | 0.50                         |
| 05/12/82 14:30 | 0.30                         |
| 05/12/82 16:30 | 0.10                         |
| 05/12/82 16:45 | 0.10                         |
| 05/12/82 17:00 | 0.20                         |
| 05/12/82 19:00 | 0.10                         |
| 05/12/82 20:15 | 0.10                         |
| 05/13/82 03:15 | 0.20                         |
| 05/13/82 03:30 | 0.10                         |
| 05/13/82 04:00 | 0.20                         |
| 05/13/82 04:15 | 0.20                         |
| 05/13/82 05:15 | 0.10                         |
| 05/13/82 06:00 | 0.10                         |
| 05/13/82 07:45 | 0.10                         |
| 05/13/82 08:15 | 0.10                         |
| 05/13/82 08:30 | 0.10                         |
| 05/13/82 09:15 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 05/13/82 09:45 | 0.10                         |
| 05/13/82 10:15 | 0.10                         |
| 05/17/82 02:45 | 0.10                         |
| 05/17/82 03:00 | 0.10                         |
| 05/17/82 03:15 | 0.10                         |
| 05/17/82 04:45 | 0.10                         |
| 05/17/82 05:15 | 0.10                         |
| 05/17/82 07:15 | 0.10                         |
| 05/17/82 08:15 | 0.10                         |
| 05/18/82 08:15 | 0.10                         |
| 05/18/82 09:00 | 0.10                         |
| 05/18/82 09:15 | 0.10                         |
| 05/18/82 09:30 | 0.20                         |
| 05/18/82 09:45 | 0.10                         |
| 05/18/82 10:00 | 0.10                         |
| 05/18/82 10:30 | 0.10                         |
| 05/23/82 11:15 | 0.10                         |
| 05/24/82 05:00 | 0.10                         |
| 05/24/82 05:15 | 0.20                         |
| 05/24/82 05:30 | 0.20                         |
| 05/24/82 05:45 | 0.40                         |
| 05/24/82 06:00 | 0.20                         |
| 05/24/82 06:15 | 0.20                         |
| 05/24/82 23:45 | 0.30                         |
| 05/25/82 00:15 | 0.10                         |
| 05/25/82 04:45 | 0.10                         |
| 05/25/82 05:30 | 0.20                         |
| 05/25/82 05:45 | 0.10                         |
| 05/25/82 06:15 | 0.10                         |
| 05/26/82 05:15 | 0.10                         |
| 05/26/82 05:30 | 0.10                         |
| 05/26/82 05:45 | 0.10                         |
| 05/28/82 07:15 | 0.10                         |
| 05/28/82 07:45 | 0.10                         |
| 05/31/82 05:00 | 0.10                         |
| 05/31/82 05:45 | 0.10                         |
| 06/01/82 00:15 | 0.00                         |
| 06/11/82 12:15 | 0.00                         |
| 06/11/82 13:00 | 0.10                         |
| 06/11/82 18:15 | 0.00                         |
| 06/11/82 19:00 | 0.70                         |
| 06/11/82 21:15 | 0.00                         |
| 06/11/82 22:00 | 0.30                         |
| 06/11/82 22:15 | 0.00                         |
| 06/11/82 23:00 | 0.10                         |
| 06/11/82 23:15 | 0.00                         |
| 06/12/82 00:15 | 0.00                         |
| 06/12/82 01:00 | 0.10                         |
| 06/18/82 06:15 | 0.00                         |
| 06/18/82 07:00 | 0.10                         |
| 06/18/82 11:15 | 0.00                         |
| 06/18/82 12:00 | 0.10                         |
| 06/19/82 03:15 | 0.00                         |
| 06/19/82 04:00 | 0.10                         |
| 06/19/82 04:15 | 0.00                         |
| 06/19/82 05:00 | 0.30                         |
| 06/19/82 05:15 | 0.00                         |
| 06/19/82 06:00 | 0.30                         |
| 06/21/82 06:15 | 0.00                         |
| 06/21/82 07:00 | 0.80                         |
| 06/21/82 08:15 | 0.00                         |
| 06/21/82 09:00 | 0.10                         |
| 06/21/82 12:15 | 0.00                         |
| 06/21/82 13:00 | 0.10                         |
| 06/24/82 03:15 | 0.00                         |
| 06/24/82 04:00 | 0.10                         |
| 06/24/82 04:15 | 0.00                         |
| 06/24/82 05:00 | 0.50                         |
| 06/24/82 05:15 | 0.00                         |
| 06/24/82 06:00 | 0.20                         |
| 06/24/82 06:15 | 0.00                         |
| 06/24/82 07:00 | 0.20                         |
| 06/24/82 07:15 | 0.00                         |
| 06/24/82 08:00 | 0.10                         |
| 06/25/82 04:15 | 0.00                         |
| 06/25/82 05:00 | 0.70                         |
| 06/25/82 05:15 | 0.00                         |



| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 06/25/82 06:00 | 0.20                         |
| 06/30/82 18:15 | 0.00                         |
| 06/30/82 19:00 | 0.10                         |
| 07/01/82 00:15 | 0.00                         |
| 07/07/82 06:45 | 0.10                         |
| 07/07/82 07:00 | 0.10                         |
| 07/07/82 07:15 | 0.10                         |
| 07/07/82 07:30 | 0.10                         |
| 07/07/82 07:45 | 0.50                         |
| 07/07/82 08:00 | 0.40                         |
| 07/07/82 08:15 | 0.20                         |
| 07/07/82 08:30 | 0.10                         |
| 07/07/82 08:45 | 0.10                         |
| 07/07/82 09:00 | 0.20                         |
| 07/07/82 09:15 | 0.10                         |
| 07/07/82 09:30 | 0.10                         |
| 07/07/82 09:45 | 0.10                         |
| 07/07/82 10:15 | 0.10                         |
| 07/07/82 10:30 | 0.10                         |
| 07/07/82 11:15 | 0.10                         |
| 07/07/82 11:30 | 0.10                         |
| 07/07/82 12:00 | 0.10                         |
| 07/07/82 15:45 | 0.10                         |
| 07/11/82 03:45 | 0.10                         |
| 07/11/82 04:00 | 0.20                         |
| 07/11/82 07:15 | 0.10                         |
| 07/27/82 13:45 | 0.10                         |
| 07/30/82 08:00 | 0.10                         |
| 07/30/82 09:45 | 0.10                         |
| 08/01/82 00:15 | 0.00                         |
| 08/11/82 11:00 | 0.10                         |
| 08/11/82 11:15 | 0.40                         |
| 08/27/82 20:00 | 0.10                         |
| 08/27/82 20:15 | 0.30                         |
| 08/27/82 20:30 | 0.10                         |
| 08/28/82 05:00 | 0.10                         |
| 08/28/82 06:00 | 0.10                         |
| 08/28/82 06:30 | 0.10                         |
| 08/28/82 10:30 | 0.10                         |
| 08/28/82 10:45 | 0.20                         |
| 08/28/82 12:15 | 0.10                         |
| 09/01/82 00:15 | 0.00                         |
| 09/16/82 04:15 | 0.10                         |
| 09/19/82 12:30 | 0.60                         |
| 09/19/82 12:45 | 0.40                         |
| 09/19/82 13:00 | 0.10                         |
| 09/19/82 13:30 | 0.10                         |
| 09/19/82 14:30 | 0.10                         |
| 10/01/82 00:15 | 0.00                         |
| 10/06/82 12:00 | 0.10                         |
| 10/06/82 12:15 | 0.10                         |
| 10/06/82 18:00 | 0.50                         |
| 10/07/82 17:30 | 0.10                         |
| 10/08/82 09:45 | 0.10                         |
| 10/08/82 13:00 | 0.10                         |
| 10/09/82 01:00 | 0.10                         |
| 10/09/82 01:15 | 0.10                         |
| 10/09/82 01:30 | 0.40                         |
| 10/09/82 01:45 | 0.20                         |
| 10/09/82 02:00 | 0.10                         |
| 10/12/82 09:45 | 0.10                         |
| 10/12/82 10:00 | 0.10                         |
| 10/12/82 10:15 | 0.10                         |
| 10/12/82 10:30 | 0.10                         |
| 10/12/82 11:00 | 0.10                         |
| 10/12/82 12:30 | 0.10                         |
| 10/21/82 04:15 | 0.10                         |
| 10/21/82 10:15 | 0.10                         |
| 10/21/82 11:30 | 0.10                         |
| 10/21/82 12:45 | 0.10                         |
| 10/21/82 13:15 | 0.10                         |
| 10/21/82 13:45 | 0.10                         |
| 10/21/82 16:15 | 0.10                         |
| 10/21/82 20:00 | 0.10                         |
| 10/28/82 12:45 | 0.10                         |
| 10/28/82 13:00 | 0.10                         |
| 11/01/82 00:15 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 11/02/82 02:30 | 0.40                         |
| 11/02/82 03:15 | 0.20                         |
| 11/02/82 03:30 | 0.10                         |
| 11/02/82 04:00 | 0.20                         |
| 11/02/82 04:15 | 0.40                         |
| 11/02/82 04:30 | 0.10                         |
| 11/02/82 04:45 | 0.20                         |
| 11/02/82 05:15 | 0.10                         |
| 11/02/82 05:30 | 0.10                         |
| 11/06/82 12:00 | 0.10                         |
| 11/10/82 21:30 | 0.10                         |
| 11/11/82 00:15 | 0.10                         |
| 11/11/82 21:45 | 0.10                         |
| 11/17/82 01:45 | 0.10                         |
| 11/26/82 01:15 | 0.10                         |
| 11/26/82 01:30 | 0.10                         |
| 11/26/82 02:00 | 0.10                         |
| 11/26/82 06:00 | 0.10                         |
| 11/26/82 06:45 | 0.10                         |
| 11/26/82 07:30 | 0.10                         |
| 11/26/82 08:15 | 0.10                         |
| 11/26/82 09:45 | 0.10                         |
| 11/26/82 10:45 | 0.10                         |
| 11/26/82 11:45 | 0.10                         |
| 11/26/82 12:30 | 0.10                         |
| 11/26/82 14:00 | 0.10                         |
| 11/26/82 14:45 | 0.10                         |
| 11/26/82 16:00 | 0.10                         |
| 11/26/82 16:30 | 0.10                         |
| 11/26/82 18:00 | 0.10                         |
| 11/26/82 19:30 | 0.10                         |
| 11/26/82 21:00 | 0.10                         |
| 11/27/82 00:45 | 0.10                         |
| 11/27/82 01:15 | 0.10                         |
| 11/27/82 02:00 | 0.10                         |
| 11/27/82 03:00 | 0.10                         |
| 11/27/82 07:15 | 0.10                         |
| 12/01/82 00:15 | 0.00                         |
| 12/02/82 05:30 | 0.10                         |
| 12/02/82 05:45 | 0.20                         |
| 12/02/82 06:00 | 0.20                         |
| 12/02/82 07:00 | 0.10                         |
| 12/02/82 08:15 | 0.10                         |
| 12/10/82 01:30 | 0.10                         |
| 12/10/82 03:45 | 0.10                         |
| 12/10/82 05:00 | 0.10                         |
| 12/10/82 10:00 | 0.10                         |
| 12/10/82 11:15 | 0.10                         |
| 12/10/82 13:00 | 0.10                         |
| 12/10/82 13:15 | 0.10                         |
| 12/10/82 14:15 | 0.10                         |
| 12/10/82 15:00 | 0.10                         |
| 12/10/82 17:45 | 0.10                         |
| 12/10/82 20:00 | 0.10                         |
| 12/11/82 07:30 | 0.10                         |
| 12/11/82 08:45 | 0.10                         |
| 12/11/82 09:30 | 0.10                         |
| 12/11/82 11:00 | 0.10                         |
| 12/11/82 14:00 | 0.10                         |
| 12/26/82 07:45 | 0.10                         |
| 12/26/82 15:45 | 0.10                         |
| 12/26/82 16:00 | 0.10                         |
| 12/26/82 16:15 | 0.10                         |
| 12/26/82 16:30 | 0.30                         |
| 12/26/82 17:45 | 0.10                         |
| 12/27/82 00:15 | 0.10                         |
| 12/27/82 02:30 | 0.10                         |
| 12/27/82 04:00 | 0.10                         |
| 12/27/82 05:00 | 0.10                         |
| 12/27/82 12:45 | 0.10                         |
| 12/31/82 09:30 | 0.10                         |
| 12/31/82 11:30 | 0.10                         |
| 01/01/83 00:15 | 0.00                         |
| 01/01/83 12:45 | 0.10                         |
| 01/01/83 16:00 | 0.10                         |
| 01/01/83 19:00 | 0.10                         |
| 01/18/83 23:30 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 01/30/83 10:45 | 0.10                         |
| 01/31/83 08:00 | 0.20                         |
| 01/31/83 09:45 | 0.10                         |
| 01/31/83 10:00 | 0.20                         |
| 01/31/83 10:15 | 0.20                         |
| 01/31/83 10:30 | 0.10                         |
| 01/31/83 10:45 | 0.10                         |
| 01/31/83 11:00 | 0.30                         |
| 01/31/83 11:15 | 0.10                         |
| 01/31/83 12:00 | 0.10                         |
| 01/31/83 18:00 | 0.10                         |
| 01/31/83 18:30 | 0.20                         |
| 01/31/83 19:15 | 0.10                         |
| 02/01/83 00:15 | 0.00                         |
| 02/04/83 19:00 | 0.10                         |
| 02/05/83 03:30 | 0.10                         |
| 02/05/83 07:15 | 0.10                         |
| 02/18/83 03:45 | 0.10                         |
| 02/20/83 04:15 | 0.10                         |
| 02/20/83 06:00 | 0.10                         |
| 02/20/83 06:45 | 0.10                         |
| 02/20/83 07:30 | 0.10                         |
| 02/20/83 08:45 | 0.10                         |
| 02/20/83 10:00 | 0.10                         |
| 02/20/83 10:30 | 0.10                         |
| 02/20/83 12:45 | 0.10                         |
| 02/21/83 18:00 | 0.10                         |
| 03/01/83 00:15 | 0.00                         |
| 03/04/83 07:00 | 0.10                         |
| 03/04/83 08:00 | 0.10                         |
| 03/04/83 10:15 | 0.10                         |
| 03/04/83 10:45 | 0.10                         |
| 03/04/83 11:15 | 0.10                         |
| 03/04/83 11:30 | 0.10                         |
| 03/04/83 12:00 | 0.10                         |
| 03/16/83 00:15 | 0.10                         |
| 03/16/83 01:15 | 0.10                         |
| 03/16/83 02:15 | 0.10                         |
| 03/16/83 02:45 | 0.10                         |
| 03/16/83 16:15 | 0.10                         |
| 03/19/83 22:45 | 0.10                         |
| 03/23/83 04:30 | 0.10                         |
| 03/23/83 04:45 | 0.10                         |
| 03/23/83 17:30 | 0.10                         |
| 03/26/83 01:15 | 0.10                         |
| 03/26/83 02:15 | 0.30                         |
| 03/26/83 02:30 | 0.20                         |
| 03/26/83 02:45 | 0.10                         |
| 03/26/83 03:00 | 0.10                         |
| 03/26/83 03:15 | 0.10                         |
| 03/26/83 04:15 | 0.10                         |
| 03/26/83 05:00 | 0.10                         |
| 03/30/83 00:45 | 0.70                         |
| 03/30/83 01:00 | 0.20                         |
| 03/30/83 01:15 | 0.10                         |
| 04/01/83 00:15 | 0.00                         |
| 05/01/83 00:15 | 0.00                         |
| 05/02/83 09:00 | 0.10                         |
| 05/02/83 12:45 | 0.10                         |
| 05/02/83 15:45 | 0.10                         |
| 05/10/83 07:15 | 0.10                         |
| 05/10/83 07:30 | 0.30                         |
| 05/10/83 08:15 | 0.10                         |
| 05/10/83 12:30 | 0.10                         |
| 05/11/83 01:15 | 0.10                         |
| 05/14/83 14:30 | 0.10                         |
| 05/18/83 01:45 | 0.10                         |
| 05/18/83 02:00 | 0.10                         |
| 05/18/83 02:15 | 0.90                         |
| 05/18/83 02:30 | 0.10                         |
| 05/18/83 08:30 | 0.40                         |
| 05/18/83 08:45 | 0.10                         |
| 05/19/83 22:30 | 0.20                         |
| 05/19/83 22:45 | 0.20                         |
| 05/19/83 23:00 | 0.10                         |
| 05/19/83 23:30 | 0.30                         |
| 05/19/83 23:45 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 05/20/83 00:15 | 0.10                         |
| 05/20/83 00:45 | 0.10                         |
| 05/20/83 12:45 | 0.10                         |
| 05/20/83 15:00 | 0.10                         |
| 05/21/83 05:30 | 0.10                         |
| 05/21/83 06:00 | 0.60                         |
| 05/21/83 06:15 | 0.20                         |
| 05/21/83 06:45 | 0.10                         |
| 05/21/83 07:00 | 0.10                         |
| 05/21/83 07:30 | 0.10                         |
| 05/22/83 22:15 | 0.20                         |
| 05/22/83 22:30 | 0.30                         |
| 05/22/83 22:45 | 0.10                         |
| 05/22/83 23:30 | 0.10                         |
| 05/23/83 00:15 | 0.10                         |
| 05/23/83 01:00 | 0.10                         |
| 05/23/83 01:30 | 0.10                         |
| 05/23/83 02:15 | 0.10                         |
| 05/28/83 11:00 | 0.10                         |
| 05/28/83 11:15 | 0.30                         |
| 05/28/83 11:30 | 0.20                         |
| 05/28/83 11:45 | 0.40                         |
| 05/28/83 12:00 | 0.10                         |
| 05/28/83 12:15 | 0.10                         |
| 05/30/83 19:30 | 0.10                         |
| 05/30/83 20:00 | 0.50                         |
| 05/30/83 20:15 | 0.40                         |
| 05/30/83 20:45 | 0.10                         |
| 06/01/83 00:15 | 0.00                         |
| 06/06/83 03:00 | 0.10                         |
| 06/06/83 03:15 | 0.10                         |
| 06/14/83 05:15 | 0.10                         |
| 06/14/83 06:15 | 0.10                         |
| 06/24/83 18:00 | 0.30                         |
| 06/25/83 04:15 | 0.20                         |
| 06/25/83 13:45 | 0.30                         |
| 06/25/83 17:15 | 0.10                         |
| 06/26/83 21:45 | 0.10                         |
| 06/26/83 22:30 | 0.10                         |
| 06/28/83 05:00 | 0.10                         |
| 07/01/83 00:15 | 0.00                         |
| 07/05/83 05:00 | 0.60                         |
| 07/05/83 05:15 | 1.10                         |
| 07/05/83 05:30 | 0.10                         |
| 07/05/83 05:45 | 0.10                         |
| 07/05/83 06:00 | 0.10                         |
| 07/05/83 07:00 | 0.10                         |
| 07/14/83 01:00 | 0.10                         |
| 07/14/83 01:15 | 0.10                         |
| 07/14/83 14:00 | 0.10                         |
| 07/16/83 09:30 | 0.10                         |
| 07/16/83 09:45 | 0.10                         |
| 07/16/83 13:00 | 0.10                         |
| 08/01/83 00:15 | 0.00                         |
| 08/07/83 08:45 | 0.10                         |
| 08/07/83 09:00 | 0.20                         |
| 08/07/83 09:15 | 0.20                         |
| 08/07/83 09:45 | 0.10                         |
| 08/07/83 12:00 | 0.10                         |
| 08/07/83 13:15 | 0.10                         |
| 08/08/83 20:15 | 0.10                         |
| 08/08/83 22:00 | 0.10                         |
| 08/08/83 23:15 | 0.10                         |
| 08/18/83 15:30 | 0.40                         |
| 08/18/83 16:15 | 0.10                         |
| 08/18/83 23:00 | 0.10                         |
| 08/18/83 23:45 | 0.10                         |
| 08/19/83 01:15 | 0.10                         |
| 08/19/83 01:45 | 0.10                         |
| 08/19/83 02:30 | 0.10                         |
| 08/19/83 03:00 | 0.10                         |
| 08/19/83 03:15 | 0.10                         |
| 08/19/83 03:30 | 0.10                         |
| 08/19/83 03:45 | 0.10                         |
| 08/19/83 04:15 | 0.10                         |
| 08/19/83 04:30 | 0.10                         |
| 08/19/83 04:45 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 08/19/83 05:00 | 0.10                         |
| 08/19/83 05:15 | 0.10                         |
| 08/19/83 05:30 | 0.20                         |
| 08/19/83 05:45 | 0.20                         |
| 08/19/83 06:00 | 0.20                         |
| 08/19/83 07:30 | 0.10                         |
| 08/19/83 08:00 | 0.10                         |
| 08/19/83 08:45 | 0.10                         |
| 08/19/83 09:00 | 0.10                         |
| 08/19/83 09:15 | 0.10                         |
| 08/19/83 09:30 | 0.30                         |
| 08/19/83 09:45 | 0.10                         |
| 08/19/83 10:00 | 0.10                         |
| 08/19/83 10:15 | 0.10                         |
| 08/19/83 10:30 | 0.10                         |
| 08/19/83 11:00 | 0.10                         |
| 09/01/83 00:15 | 0.00                         |
| 09/01/83 00:45 | 0.10                         |
| 09/01/83 01:00 | 0.40                         |
| 09/01/83 02:30 | 0.10                         |
| 09/01/83 02:45 | 0.20                         |
| 09/01/83 03:00 | 0.20                         |
| 09/19/83 05:00 | 0.10                         |
| 09/19/83 11:00 | 0.10                         |
| 10/01/83 00:15 | 0.00                         |
| 10/06/83 16:15 | 0.10                         |
| 10/06/83 19:30 | 0.10                         |
| 10/06/83 19:45 | 0.10                         |
| 10/06/83 20:00 | 0.20                         |
| 10/06/83 20:15 | 0.20                         |
| 10/06/83 20:30 | 0.10                         |
| 10/06/83 23:45 | 0.10                         |
| 10/07/83 02:00 | 0.10                         |
| 10/07/83 07:00 | 0.10                         |
| 10/07/83 08:15 | 0.10                         |
| 10/07/83 08:30 | 0.10                         |
| 10/08/83 04:45 | 0.10                         |
| 10/08/83 05:00 | 0.10                         |
| 10/08/83 05:30 | 0.10                         |
| 10/08/83 06:15 | 0.10                         |
| 10/08/83 07:15 | 0.10                         |
| 10/11/83 16:30 | 0.10                         |
| 10/11/83 16:45 | 0.30                         |
| 10/11/83 17:00 | 0.10                         |
| 10/11/83 17:15 | 0.10                         |
| 10/18/83 21:15 | 0.10                         |
| 10/18/83 21:45 | 0.10                         |
| 10/18/83 22:30 | 0.10                         |
| 10/19/83 01:15 | 0.10                         |
| 10/20/83 16:00 | 0.10                         |
| 11/01/83 00:15 | 0.00                         |
| 11/04/83 10:45 | 0.10                         |
| 11/05/83 21:45 | 0.10                         |
| 11/05/83 22:30 | 0.10                         |
| 11/05/83 22:45 | 0.10                         |
| 11/06/83 10:30 | 0.10                         |
| 11/19/83 06:30 | 0.10                         |
| 11/19/83 07:45 | 0.10                         |
| 11/22/83 23:45 | 0.10                         |
| 11/23/83 00:15 | 0.10                         |
| 11/23/83 00:45 | 0.10                         |
| 11/26/83 17:00 | 0.20                         |
| 11/26/83 17:15 | 0.10                         |
| 11/26/83 18:00 | 0.20                         |
| 11/26/83 18:15 | 0.10                         |
| 11/26/83 18:45 | 0.10                         |
| 11/26/83 22:00 | 0.10                         |
| 11/27/83 01:15 | 0.10                         |
| 11/27/83 03:15 | 0.10                         |
| 11/27/83 04:15 | 0.10                         |
| 11/27/83 05:15 | 0.10                         |
| 12/01/83 00:15 | 0.00                         |
| 12/02/83 14:15 | 0.10                         |
| 12/02/83 14:30 | 0.20                         |
| 12/02/83 14:45 | 0.20                         |
| 12/03/83 05:00 | 0.10                         |
| 12/16/83 00:15 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 12/16/83 03:30 | 0.10                         |
| 12/16/83 07:00 | 0.10                         |
| 01/01/84 00:15 | 0.00                         |
| 01/09/84 02:30 | 0.10                         |
| 01/09/84 03:15 | 0.10                         |
| 01/09/84 11:30 | 0.10                         |
| 01/09/84 13:30 | 0.10                         |
| 01/09/84 14:30 | 0.10                         |
| 01/09/84 15:45 | 0.10                         |
| 01/09/84 16:30 | 0.10                         |
| 01/09/84 17:45 | 0.10                         |
| 01/09/84 19:15 | 0.10                         |
| 01/09/84 20:45 | 0.10                         |
| 01/22/84 16:30 | 0.10                         |
| 01/22/84 19:30 | 0.10                         |
| 01/22/84 21:45 | 0.10                         |
| 01/22/84 22:30 | 0.10                         |
| 01/23/84 02:30 | 0.10                         |
| 02/01/84 00:15 | 0.00                         |
| 02/08/84 19:45 | 0.10                         |
| 02/08/84 23:30 | 0.20                         |
| 02/08/84 23:45 | 0.20                         |
| 02/09/84 00:15 | 0.10                         |
| 02/11/84 16:45 | 0.20                         |
| 02/11/84 21:30 | 0.40                         |
| 02/18/84 03:00 | 0.10                         |
| 02/18/84 03:15 | 0.10                         |
| 02/18/84 03:45 | 0.20                         |
| 02/21/84 16:00 | 0.10                         |
| 02/26/84 06:15 | 0.10                         |
| 02/26/84 06:30 | 0.30                         |
| 02/26/84 06:45 | 0.10                         |
| 02/26/84 07:00 | 0.10                         |
| 02/26/84 07:30 | 0.10                         |
| 02/26/84 07:45 | 0.10                         |
| 02/26/84 08:15 | 0.10                         |
| 02/29/84 15:45 | 0.00                         |
| 03/01/84 00:15 | 0.00                         |
| 03/10/84 13:15 | 0.10                         |
| 03/11/84 18:45 | 0.10                         |
| 03/11/84 19:45 | 0.20                         |
| 03/11/84 20:00 | 0.10                         |
| 03/11/84 20:15 | 0.10                         |
| 03/11/84 20:45 | 0.10                         |
| 03/11/84 21:30 | 0.10                         |
| 03/11/84 21:45 | 0.10                         |
| 03/11/84 22:45 | 0.10                         |
| 03/11/84 23:00 | 0.20                         |
| 03/11/84 23:45 | 0.10                         |
| 03/12/84 00:15 | 0.10                         |
| 03/12/84 01:00 | 0.10                         |
| 03/12/84 05:15 | 0.10                         |
| 03/12/84 05:45 | 0.10                         |
| 03/15/84 16:00 | 0.10                         |
| 03/18/84 19:15 | 0.30                         |
| 03/18/84 19:30 | 0.10                         |
| 03/18/84 19:45 | 0.20                         |
| 03/18/84 20:00 | 0.20                         |
| 03/18/84 20:15 | 0.10                         |
| 03/18/84 20:30 | 0.40                         |
| 03/18/84 20:45 | 0.10                         |
| 03/23/84 05:30 | 0.10                         |
| 03/23/84 06:15 | 0.10                         |
| 03/23/84 06:45 | 0.30                         |
| 03/23/84 07:00 | 0.20                         |
| 03/23/84 07:15 | 0.20                         |
| 03/23/84 07:30 | 0.10                         |
| 03/23/84 07:45 | 0.30                         |
| 03/23/84 08:00 | 0.10                         |
| 03/23/84 08:15 | 0.30                         |
| 03/23/84 08:30 | 0.10                         |
| 03/23/84 09:00 | 0.10                         |
| 03/23/84 09:15 | 0.10                         |
| 03/23/84 09:45 | 0.10                         |
| 03/27/84 06:45 | 0.10                         |
| 03/27/84 22:30 | 0.10                         |
| 04/01/84 00:15 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 04/02/84 10:00 | 0.10                         |
| 04/02/84 10:15 | 0.20                         |
| 04/02/84 10:45 | 0.10                         |
| 04/02/84 11:15 | 0.10                         |
| 04/07/84 17:45 | 0.40                         |
| 04/07/84 18:15 | 0.10                         |
| 04/07/84 18:45 | 0.10                         |
| 04/07/84 19:00 | 0.10                         |
| 04/20/84 20:15 | 0.10                         |
| 04/20/84 20:30 | 0.10                         |
| 05/01/84 00:15 | 0.00                         |
| 05/01/84 14:30 | 0.10                         |
| 05/01/84 15:15 | 0.10                         |
| 05/01/84 16:00 | 0.60                         |
| 05/01/84 16:15 | 0.20                         |
| 05/01/84 18:15 | 0.30                         |
| 05/01/84 18:30 | 0.10                         |
| 05/18/84 14:30 | 0.10                         |
| 05/18/84 15:15 | 0.10                         |
| 05/18/84 16:15 | 0.10                         |
| 05/18/84 16:30 | 0.10                         |
| 05/18/84 16:45 | 0.10                         |
| 05/18/84 17:45 | 0.20                         |
| 05/18/84 18:00 | 0.10                         |
| 05/18/84 18:30 | 0.10                         |
| 05/19/84 12:30 | 0.70                         |
| 05/19/84 12:45 | 0.10                         |
| 05/19/84 13:15 | 0.50                         |
| 05/19/84 13:45 | 0.10                         |
| 05/19/84 15:00 | 0.10                         |
| 05/23/84 07:30 | 0.10                         |
| 05/27/84 23:30 | 0.10                         |
| 05/27/84 23:45 | 0.30                         |
| 05/28/84 00:45 | 0.10                         |
| 05/28/84 01:15 | 0.10                         |
| 05/28/84 01:30 | 0.10                         |
| 05/28/84 02:15 | 0.10                         |
| 06/01/84 00:15 | 0.00                         |
| 06/06/84 04:45 | 0.20                         |
| 06/06/84 05:00 | 0.40                         |
| 06/06/84 05:15 | 0.20                         |
| 06/06/84 05:30 | 0.20                         |
| 06/06/84 05:45 | 0.20                         |
| 06/06/84 06:00 | 0.10                         |
| 06/06/84 07:30 | 0.10                         |
| 06/28/84 18:45 | 0.30                         |
| 06/28/84 19:00 | 0.10                         |
| 06/28/84 19:15 | 0.10                         |
| 07/01/84 00:15 | 0.00                         |
| 07/03/84 10:00 | 0.00                         |
| 08/01/84 00:15 | 0.00                         |
| 08/03/84 11:15 | 0.00                         |
| 08/05/84 13:30 | 0.10                         |
| 08/11/84 10:30 | 0.10                         |
| 08/11/84 11:00 | 0.10                         |
| 08/11/84 12:15 | 0.10                         |
| 08/11/84 14:15 | 0.10                         |
| 08/12/84 08:45 | 0.40                         |
| 08/12/84 09:00 | 0.30                         |
| 08/12/84 09:15 | 0.10                         |
| 08/12/84 11:00 | 0.20                         |
| 08/12/84 12:45 | 0.10                         |
| 08/12/84 14:00 | 0.10                         |
| 09/01/84 00:15 | 0.00                         |
| 09/02/84 18:00 | 0.20                         |
| 09/02/84 18:15 | 1.00                         |
| 09/02/84 18:30 | 1.00                         |
| 09/02/84 18:45 | 0.30                         |
| 09/02/84 19:15 | 0.10                         |
| 09/02/84 21:30 | 0.10                         |
| 09/05/84 11:15 | 0.00                         |
| 10/01/84 00:15 | 0.00                         |
| 10/01/84 16:45 | 0.20                         |
| 10/04/84 17:15 | 0.10                         |
| 10/04/84 20:30 | 0.10                         |
| 10/06/84 19:30 | 0.10                         |
| 10/06/84 20:15 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 10/06/84 22:30 | 0.20                         |
| 10/06/84 22:45 | 0.10                         |
| 10/06/84 23:15 | 0.10                         |
| 10/06/84 23:45 | 0.10                         |
| 10/07/84 00:30 | 0.10                         |
| 10/07/84 01:00 | 0.10                         |
| 10/09/84 18:45 | 0.20                         |
| 10/09/84 19:00 | 0.30                         |
| 10/09/84 19:15 | 0.10                         |
| 10/09/84 19:45 | 0.10                         |
| 10/09/84 21:15 | 0.10                         |
| 10/11/84 14:45 | 0.10                         |
| 10/11/84 15:30 | 0.10                         |
| 10/11/84 20:45 | 0.10                         |
| 10/12/84 01:15 | 0.10                         |
| 10/13/84 08:30 | 0.10                         |
| 10/13/84 09:30 | 0.10                         |
| 10/13/84 09:45 | 0.30                         |
| 10/13/84 10:00 | 0.10                         |
| 10/13/84 10:15 | 0.10                         |
| 10/13/84 10:30 | 0.10                         |
| 10/13/84 11:15 | 0.10                         |
| 10/13/84 12:15 | 0.10                         |
| 10/13/84 16:15 | 0.10                         |
| 10/13/84 18:15 | 0.10                         |
| 10/14/84 05:15 | 0.10                         |
| 10/16/84 09:30 | 0.10                         |
| 10/16/84 11:45 | 0.10                         |
| 10/18/84 15:15 | 0.10                         |
| 10/18/84 15:30 | 0.40                         |
| 10/18/84 15:45 | 0.30                         |
| 10/18/84 16:00 | 0.30                         |
| 10/18/84 16:15 | 0.10                         |
| 10/18/84 16:30 | 0.10                         |
| 10/18/84 17:15 | 0.10                         |
| 10/20/84 10:00 | 0.30                         |
| 10/20/84 10:15 | 0.30                         |
| 10/20/84 10:30 | 0.20                         |
| 10/20/84 10:45 | 0.20                         |
| 10/20/84 11:00 | 0.40                         |
| 10/20/84 11:15 | 0.30                         |
| 10/20/84 11:30 | 0.20                         |
| 10/20/84 11:45 | 0.10                         |
| 10/20/84 12:00 | 0.10                         |
| 10/20/84 12:15 | 0.10                         |
| 10/20/84 12:30 | 0.10                         |
| 10/20/84 13:00 | 0.10                         |
| 10/20/84 13:15 | 0.10                         |
| 10/20/84 13:45 | 0.10                         |
| 10/22/84 14:45 | 0.10                         |
| 10/22/84 15:15 | 0.10                         |
| 10/22/84 16:30 | 0.10                         |
| 10/22/84 17:45 | 0.10                         |
| 10/22/84 23:15 | 0.10                         |
| 10/23/84 06:45 | 0.10                         |
| 10/23/84 08:30 | 0.10                         |
| 10/24/84 12:30 | 0.10                         |
| 10/24/84 12:45 | 0.20                         |
| 10/24/84 13:00 | 0.20                         |
| 10/24/84 13:15 | 0.20                         |
| 10/24/84 13:30 | 0.10                         |
| 10/24/84 13:45 | 0.10                         |
| 10/24/84 14:15 | 0.10                         |
| 10/24/84 16:45 | 0.10                         |
| 10/24/84 17:00 | 0.40                         |
| 10/24/84 17:15 | 0.20                         |
| 10/24/84 17:30 | 0.10                         |
| 10/24/84 17:45 | 0.10                         |
| 10/24/84 18:00 | 0.20                         |
| 10/25/84 02:30 | 0.50                         |
| 10/25/84 06:15 | 0.10                         |
| 10/26/84 19:15 | 0.10                         |
| 10/26/84 19:45 | 0.10                         |
| 10/26/84 20:15 | 0.10                         |
| 10/27/84 08:15 | 0.10                         |
| 10/27/84 08:30 | 0.10                         |
| 10/27/84 11:00 | 0.10                         |



| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 10/29/84 10:15 | 0.10                         |
| 10/29/84 10:30 | 0.10                         |
| 10/29/84 12:00 | 0.10                         |
| 10/31/84 14:00 | 0.10                         |
| 11/01/84 00:15 | 0.00                         |
| 11/01/84 12:00 | 0.10                         |
| 11/01/84 13:45 | 0.10                         |
| 11/17/84 17:30 | 0.10                         |
| 11/17/84 20:45 | 0.10                         |
| 11/17/84 21:00 | 0.10                         |
| 11/17/84 22:15 | 0.10                         |
| 11/17/84 22:45 | 0.10                         |
| 11/17/84 23:00 | 0.20                         |
| 11/17/84 23:15 | 0.10                         |
| 11/17/84 23:30 | 0.10                         |
| 11/17/84 23:45 | 0.10                         |
| 11/18/84 00:15 | 0.10                         |
| 11/18/84 01:30 | 0.10                         |
| 11/18/84 03:00 | 0.10                         |
| 11/18/84 07:15 | 0.10                         |
| 11/24/84 23:45 | 0.10                         |
| 11/25/84 00:15 | 0.10                         |
| 11/26/84 11:15 | 0.10                         |
| 11/26/84 12:00 | 0.10                         |
| 11/28/84 11:45 | 0.10                         |
| 12/01/84 00:15 | 0.00                         |
| 12/04/84 10:30 | 0.10                         |
| 12/04/84 23:30 | 0.10                         |
| 12/05/84 01:30 | 0.10                         |
| 12/05/84 03:15 | 0.10                         |
| 12/05/84 05:00 | 0.10                         |
| 12/05/84 11:30 | 0.10                         |
| 12/13/84 03:15 | 0.10                         |
| 12/13/84 08:45 | 0.10                         |
| 12/13/84 09:00 | 0.10                         |
| 12/13/84 09:30 | 0.10                         |
| 12/13/84 09:45 | 0.10                         |
| 12/13/84 10:00 | 0.10                         |
| 12/13/84 10:30 | 0.10                         |
| 12/14/84 15:45 | 0.10                         |
| 12/14/84 19:15 | 0.10                         |
| 12/14/84 20:30 | 0.10                         |
| 12/14/84 20:45 | 0.40                         |
| 12/14/84 21:00 | 0.10                         |
| 12/14/84 21:15 | 0.10                         |
| 12/15/84 21:30 | 0.20                         |
| 12/15/84 21:45 | 0.10                         |
| 12/15/84 22:00 | 0.10                         |
| 12/15/84 23:00 | 0.10                         |
| 12/15/84 23:30 | 0.10                         |
| 12/17/84 10:15 | 0.10                         |
| 12/17/84 11:30 | 0.10                         |
| 12/17/84 13:45 | 0.10                         |
| 12/17/84 15:00 | 0.20                         |
| 12/17/84 15:15 | 0.10                         |
| 12/17/84 15:30 | 0.20                         |
| 12/17/84 15:45 | 0.10                         |
| 12/17/84 18:15 | 0.10                         |
| 12/17/84 18:30 | 0.10                         |
| 12/17/84 19:00 | 0.10                         |
| 12/17/84 19:15 | 0.20                         |
| 12/17/84 20:30 | 0.10                         |
| 12/19/84 02:00 | 0.10                         |
| 12/27/84 15:15 | 0.10                         |
| 12/27/84 15:45 | 0.10                         |
| 12/29/84 07:45 | 0.10                         |
| 12/29/84 20:15 | 0.10                         |
| 12/29/84 21:00 | 0.30                         |
| 12/29/84 21:15 | 0.20                         |
| 12/29/84 21:30 | 0.10                         |
| 12/29/84 22:30 | 0.10                         |
| 12/29/84 23:00 | 0.10                         |
| 12/29/84 23:45 | 0.10                         |
| 12/31/84 07:45 | 0.10                         |
| 12/31/84 08:15 | 0.10                         |
| 12/31/84 09:00 | 0.10                         |
| 12/31/84 09:30 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 12/31/84 10:15 | 0.10                         |
| 01/01/85 00:15 | 0.00                         |
| 01/01/85 20:45 | 0.10                         |
| 01/03/85 12:30 | 0.10                         |
| 01/09/85 13:45 | 0.10                         |
| 01/16/85 06:15 | 0.10                         |
| 01/16/85 06:45 | 0.10                         |
| 01/16/85 07:15 | 0.10                         |
| 01/16/85 08:30 | 0.10                         |
| 01/16/85 09:30 | 0.10                         |
| 01/16/85 10:00 | 0.10                         |
| 01/31/85 19:45 | 0.10                         |
| 02/01/85 00:15 | 0.00                         |
| 02/04/85 09:00 | 0.10                         |
| 02/04/85 10:00 | 0.10                         |
| 02/04/85 12:00 | 0.10                         |
| 02/04/85 23:15 | 0.10                         |
| 02/22/85 09:15 | 0.10                         |
| 02/22/85 19:15 | 0.10                         |
| 02/22/85 22:45 | 0.10                         |
| 02/23/85 02:15 | 0.10                         |
| 02/23/85 02:30 | 0.10                         |
| 02/23/85 02:45 | 0.10                         |
| 02/23/85 03:15 | 0.10                         |
| 02/23/85 04:00 | 0.10                         |
| 02/23/85 04:15 | 0.10                         |
| 02/23/85 04:45 | 0.10                         |
| 02/23/85 05:00 | 0.10                         |
| 02/23/85 05:30 | 0.10                         |
| 02/23/85 06:00 | 0.10                         |
| 02/23/85 06:30 | 0.10                         |
| 02/23/85 07:30 | 0.10                         |
| 02/28/85 20:15 | 0.10                         |
| 03/01/85 00:15 | 0.00                         |
| 03/03/85 23:15 | 0.10                         |
| 03/04/85 03:00 | 0.10                         |
| 03/04/85 06:00 | 0.10                         |
| 03/13/85 19:15 | 0.10                         |
| 03/13/85 19:45 | 0.10                         |
| 03/13/85 20:15 | 0.10                         |
| 03/13/85 20:30 | 0.10                         |
| 03/13/85 21:30 | 0.10                         |
| 03/13/85 22:15 | 0.10                         |
| 03/13/85 22:45 | 0.10                         |
| 03/13/85 23:15 | 0.10                         |
| 03/13/85 23:45 | 0.10                         |
| 03/14/85 01:30 | 0.10                         |
| 03/20/85 00:15 | 0.10                         |
| 03/20/85 00:45 | 0.10                         |
| 03/20/85 01:00 | 0.10                         |
| 03/20/85 01:45 | 0.10                         |
| 03/20/85 02:30 | 0.10                         |
| 03/20/85 02:45 | 0.10                         |
| 03/20/85 03:00 | 0.10                         |
| 03/20/85 03:30 | 0.10                         |
| 03/20/85 04:15 | 0.10                         |
| 03/20/85 04:30 | 0.10                         |
| 03/20/85 04:45 | 0.10                         |
| 03/20/85 08:45 | 0.10                         |
| 03/26/85 22:15 | 0.10                         |
| 03/26/85 22:30 | 0.50                         |
| 03/26/85 22:45 | 0.50                         |
| 03/26/85 23:00 | 0.10                         |
| 03/29/85 15:15 | 0.10                         |
| 03/30/85 02:15 | 0.10                         |
| 03/30/85 02:30 | 0.20                         |
| 03/30/85 02:45 | 0.50                         |
| 03/30/85 03:00 | 0.10                         |
| 04/01/85 00:15 | 0.00                         |
| 04/13/85 08:15 | 0.20                         |
| 04/13/85 08:30 | 0.20                         |
| 04/13/85 09:00 | 0.10                         |
| 04/13/85 09:15 | 0.40                         |
| 04/13/85 09:30 | 0.10                         |
| 04/13/85 09:45 | 0.20                         |
| 04/13/85 10:30 | 0.10                         |
| 04/13/85 11:00 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 04/13/85 20:45 | 0.10                         |
| 04/21/85 18:00 | 0.10                         |
| 04/22/85 07:30 | 0.10                         |
| 04/22/85 07:45 | 0.10                         |
| 04/22/85 09:30 | 0.20                         |
| 04/22/85 09:45 | 0.30                         |
| 04/22/85 10:00 | 0.40                         |
| 04/22/85 10:15 | 0.30                         |
| 04/22/85 10:30 | 0.20                         |
| 04/22/85 10:45 | 0.10                         |
| 04/22/85 11:00 | 0.20                         |
| 04/22/85 13:00 | 0.10                         |
| 04/22/85 14:15 | 0.20                         |
| 04/27/85 21:00 | 0.20                         |
| 04/27/85 21:15 | 0.40                         |
| 04/27/85 21:30 | 0.10                         |
| 04/28/85 02:45 | 0.10                         |
| 04/28/85 04:15 | 0.10                         |
| 04/28/85 04:45 | 0.10                         |
| 04/28/85 05:00 | 0.10                         |
| 04/28/85 05:15 | 0.20                         |
| 04/28/85 06:45 | 0.10                         |
| 05/01/85 00:15 | 0.00                         |
| 05/12/85 11:00 | 0.10                         |
| 05/13/85 12:30 | 0.10                         |
| 05/14/85 01:00 | 0.30                         |
| 05/14/85 01:30 | 0.10                         |
| 05/20/85 01:30 | 0.30                         |
| 05/20/85 01:45 | 0.30                         |
| 05/20/85 02:00 | 0.10                         |
| 05/20/85 02:15 | 0.10                         |
| 05/20/85 02:45 | 0.10                         |
| 05/21/85 02:45 | 0.10                         |
| 05/21/85 03:00 | 0.50                         |
| 05/21/85 03:15 | 0.10                         |
| 05/21/85 03:45 | 0.10                         |
| 05/21/85 04:00 | 0.10                         |
| 05/21/85 04:30 | 0.10                         |
| 06/01/85 00:15 | 0.00                         |
| 06/05/85 19:45 | 0.40                         |
| 06/05/85 20:00 | 1.30                         |
| 06/05/85 20:15 | 0.10                         |
| 06/05/85 20:30 | 0.20                         |
| 06/06/85 02:30 | 0.20                         |
| 06/06/85 02:45 | 0.20                         |
| 06/06/85 03:30 | 0.10                         |
| 06/06/85 04:15 | 0.10                         |
| 06/06/85 04:45 | 0.10                         |
| 06/11/85 06:00 | 0.10                         |
| 06/11/85 06:15 | 0.20                         |
| 06/11/85 08:00 | 0.10                         |
| 06/11/85 09:30 | 0.10                         |
| 06/18/85 12:45 | 0.10                         |
| 06/22/85 08:00 | 0.30                         |
| 06/22/85 08:15 | 0.10                         |
| 06/23/85 14:30 | 0.10                         |
| 06/23/85 14:45 | 0.20                         |
| 06/23/85 15:00 | 0.30                         |
| 06/24/85 17:00 | 0.10                         |
| 07/01/85 00:15 | 0.00                         |
| 07/03/85 19:00 | 0.20                         |
| 07/03/85 19:15 | 0.10                         |
| 07/03/85 20:00 | 0.10                         |
| 07/19/85 20:45 | 0.30                         |
| 07/20/85 11:15 | 0.10                         |
| 07/20/85 12:30 | 0.10                         |
| 07/20/85 13:45 | 0.10                         |
| 07/21/85 16:00 | 0.10                         |
| 07/21/85 16:15 | 0.20                         |
| 07/21/85 16:30 | 0.20                         |
| 07/21/85 18:00 | 0.10                         |
| 08/01/85 00:15 | 0.00                         |
| 08/24/85 11:45 | 0.01                         |
| 09/01/85 00:15 | 0.00                         |
| 09/06/85 17:45 | 0.20                         |
| 09/12/85 19:30 | 0.10                         |
| 09/14/85 02:00 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 09/14/85 02:45 | 0.10                         |
| 09/14/85 04:30 | 0.10                         |
| 09/14/85 05:15 | 0.10                         |
| 09/14/85 05:30 | 0.10                         |
| 09/15/85 16:00 | 0.10                         |
| 09/23/85 03:15 | 0.10                         |
| 09/28/85 19:15 | 0.10                         |
| 09/29/85 08:00 | 0.10                         |
| 09/29/85 08:15 | 0.10                         |
| 09/29/85 08:30 | 0.10                         |
| 09/29/85 08:45 | 0.60                         |
| 09/29/85 09:00 | 0.10                         |
| 09/29/85 09:15 | 0.10                         |
| 09/29/85 10:30 | 0.10                         |
| 09/29/85 11:15 | 0.10                         |
| 09/29/85 12:00 | 0.10                         |
| 09/29/85 12:45 | 0.10                         |
| 10/01/85 00:15 | 0.00                         |
| 10/10/85 16:15 | 0.10                         |
| 10/10/85 18:15 | 0.10                         |
| 10/11/85 07:45 | 0.10                         |
| 10/14/85 18:45 | 0.10                         |
| 10/15/85 07:30 | 0.10                         |
| 10/15/85 08:45 | 0.10                         |
| 10/15/85 09:15 | 0.10                         |
| 10/17/85 17:45 | 0.10                         |
| 10/17/85 20:15 | 0.10                         |
| 10/18/85 09:45 | 0.20                         |
| 10/18/85 15:45 | 0.10                         |
| 10/18/85 18:00 | 0.10                         |
| 10/18/85 20:00 | 0.10                         |
| 10/18/85 22:15 | 0.10                         |
| 10/19/85 00:15 | 0.10                         |
| 10/19/85 01:30 | 0.10                         |
| 10/19/85 02:30 | 0.10                         |
| 10/19/85 03:45 | 0.10                         |
| 10/19/85 04:30 | 0.10                         |
| 10/19/85 05:15 | 0.10                         |
| 10/19/85 06:45 | 0.10                         |
| 10/19/85 07:15 | 0.10                         |
| 10/19/85 07:30 | 0.10                         |
| 10/19/85 07:45 | 0.10                         |
| 10/19/85 08:15 | 0.10                         |
| 10/19/85 09:15 | 0.10                         |
| 10/19/85 10:30 | 0.10                         |
| 10/19/85 11:30 | 0.10                         |
| 10/19/85 14:15 | 0.10                         |
| 10/29/85 00:30 | 0.10                         |
| 10/29/85 00:45 | 0.10                         |
| 10/29/85 01:00 | 0.10                         |
| 10/29/85 01:15 | 0.10                         |
| 10/29/85 01:45 | 0.20                         |
| 10/29/85 02:15 | 0.10                         |
| 10/29/85 03:00 | 0.10                         |
| 10/29/85 03:45 | 0.10                         |
| 10/29/85 04:00 | 0.10                         |
| 10/29/85 04:15 | 0.10                         |
| 10/29/85 04:30 | 0.10                         |
| 10/29/85 05:15 | 0.10                         |
| 10/29/85 06:15 | 0.10                         |
| 10/29/85 09:30 | 0.10                         |
| 10/29/85 14:15 | 0.10                         |
| 10/30/85 07:30 | 0.10                         |
| 10/30/85 09:15 | 0.10                         |
| 11/01/85 00:15 | 0.00                         |
| 11/01/85 17:15 | 0.10                         |
| 11/15/85 00:45 | 0.10                         |
| 11/15/85 02:45 | 0.10                         |
| 11/15/85 04:30 | 0.10                         |
| 11/15/85 06:30 | 0.10                         |
| 11/15/85 06:45 | 0.10                         |
| 11/15/85 07:00 | 0.10                         |
| 11/15/85 07:15 | 0.30                         |
| 11/15/85 07:45 | 0.10                         |
| 11/15/85 08:15 | 0.10                         |
| 11/17/85 03:30 | 0.10                         |
| 11/17/85 10:15 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 11/17/85 10:30 | 0.10                         |
| 11/18/85 13:00 | 0.10                         |
| 11/24/85 14:00 | 0.10                         |
| 11/26/85 21:45 | 0.10                         |
| 11/26/85 22:00 | 0.10                         |
| 11/26/85 22:15 | 0.20                         |
| 11/26/85 22:30 | 0.20                         |
| 11/26/85 22:45 | 0.20                         |
| 11/27/85 03:00 | 0.10                         |
| 11/27/85 04:00 | 0.10                         |
| 11/30/85 20:00 | 0.30                         |
| 12/01/85 00:15 | 0.00                         |
| 12/10/85 11:00 | 0.10                         |
| 12/10/85 12:00 | 0.10                         |
| 12/10/85 13:15 | 0.10                         |
| 12/10/85 13:30 | 0.10                         |
| 12/10/85 13:45 | 0.10                         |
| 12/10/85 16:30 | 0.10                         |
| 12/10/85 17:30 | 0.10                         |
| 12/10/85 18:30 | 0.10                         |
| 12/10/85 20:15 | 0.10                         |
| 12/10/85 21:15 | 0.10                         |
| 12/11/85 06:15 | 0.10                         |
| 01/01/86 00:15 | 0.00                         |
| 02/01/86 00:15 | 0.00                         |
| 02/03/86 06:45 | 0.10                         |
| 02/03/86 07:45 | 0.10                         |
| 02/03/86 08:15 | 0.10                         |
| 02/03/86 08:45 | 0.10                         |
| 02/03/86 09:15 | 0.10                         |
| 02/03/86 10:00 | 0.10                         |
| 02/03/86 12:00 | 0.10                         |
| 02/03/86 14:00 | 0.10                         |
| 02/03/86 15:45 | 0.10                         |
| 02/05/86 13:30 | 0.10                         |
| 02/05/86 13:45 | 0.10                         |
| 02/05/86 14:00 | 0.10                         |
| 02/05/86 14:15 | 0.10                         |
| 02/05/86 14:45 | 0.10                         |
| 02/05/86 15:00 | 0.10                         |
| 02/05/86 15:45 | 0.10                         |
| 02/05/86 16:30 | 0.10                         |
| 02/05/86 17:00 | 0.30                         |
| 02/05/86 21:30 | 0.10                         |
| 02/05/86 23:30 | 0.10                         |
| 02/07/86 17:45 | 0.10                         |
| 02/09/86 11:30 | 0.10                         |
| 02/09/86 13:30 | 0.10                         |
| 03/01/86 00:15 | 0.00                         |
| 03/11/86 19:00 | 0.10                         |
| 03/15/86 05:45 | 0.10                         |
| 03/18/86 03:30 | 0.10                         |
| 03/18/86 06:30 | 0.10                         |
| 03/18/86 15:30 | 0.10                         |
| 04/01/86 00:15 | 0.00                         |
| 04/02/86 08:00 | 0.00                         |
| 05/01/86 00:15 | 0.00                         |
| 05/04/86 15:15 | 0.00                         |
| 05/08/86 17:30 | 0.10                         |
| 05/08/86 17:45 | 0.10                         |
| 05/08/86 19:15 | 0.10                         |
| 05/08/86 20:00 | 0.10                         |
| 05/09/86 19:15 | 0.10                         |
| 05/09/86 19:30 | 0.30                         |
| 05/09/86 19:45 | 0.10                         |
| 05/09/86 20:45 | 0.10                         |
| 05/09/86 21:30 | 0.10                         |
| 05/10/86 05:45 | 0.10                         |
| 05/10/86 13:30 | 0.10                         |
| 05/17/86 03:00 | 0.10                         |
| 05/17/86 03:15 | 0.10                         |
| 05/17/86 03:30 | 0.10                         |
| 05/17/86 03:45 | 0.30                         |
| 05/17/86 04:00 | 0.20                         |
| 05/17/86 04:45 | 0.10                         |
| 05/17/86 06:30 | 0.10                         |
| 05/17/86 07:45 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 05/17/86 08:30 | 0.10                         |
| 05/17/86 09:15 | 0.10                         |
| 05/17/86 09:30 | 0.10                         |
| 05/17/86 10:00 | 0.10                         |
| 05/17/86 10:30 | 0.10                         |
| 05/17/86 11:00 | 0.10                         |
| 05/17/86 11:45 | 0.10                         |
| 05/17/86 22:30 | 0.10                         |
| 05/24/86 16:45 | 0.10                         |
| 05/25/86 04:45 | 0.10                         |
| 05/31/86 00:30 | 0.10                         |
| 05/31/86 10:30 | 0.10                         |
| 05/31/86 12:30 | 0.10                         |
| 05/31/86 14:45 | 0.50                         |
| 05/31/86 15:00 | 0.60                         |
| 05/31/86 15:15 | 0.30                         |
| 05/31/86 15:30 | 0.10                         |
| 05/31/86 17:15 | 0.10                         |
| 05/31/86 17:30 | 0.10                         |
| 05/31/86 17:45 | 0.20                         |
| 05/31/86 18:00 | 0.10                         |
| 05/31/86 18:15 | 0.10                         |
| 05/31/86 18:45 | 0.10                         |
| 05/31/86 19:30 | 0.10                         |
| 05/31/86 20:15 | 0.10                         |
| 06/01/86 00:15 | 0.00                         |
| 06/01/86 12:45 | 0.20                         |
| 06/01/86 13:00 | 0.20                         |
| 06/01/86 13:45 | 0.10                         |
| 06/01/86 14:00 | 0.10                         |
| 06/01/86 14:30 | 0.10                         |
| 06/01/86 14:45 | 0.20                         |
| 06/01/86 15:00 | 0.10                         |
| 06/01/86 15:30 | 0.10                         |
| 06/01/86 15:45 | 0.10                         |
| 06/01/86 16:00 | 0.10                         |
| 06/01/86 16:15 | 0.10                         |
| 06/01/86 16:30 | 0.30                         |
| 06/01/86 16:45 | 0.20                         |
| 06/01/86 18:00 | 0.10                         |
| 06/02/86 02:45 | 0.10                         |
| 06/02/86 07:15 | 0.10                         |
| 06/03/86 03:00 | 0.10                         |
| 06/03/86 04:00 | 0.10                         |
| 06/03/86 04:30 | 0.10                         |
| 06/03/86 12:00 | 0.10                         |
| 06/04/86 13:45 | 0.10                         |
| 06/05/86 04:45 | 0.10                         |
| 06/05/86 06:00 | 0.10                         |
| 06/05/86 06:30 | 0.10                         |
| 06/05/86 08:00 | 0.10                         |
| 06/05/86 09:15 | 0.10                         |
| 06/05/86 10:15 | 0.10                         |
| 06/07/86 09:00 | 0.30                         |
| 06/07/86 09:15 | 0.10                         |
| 06/10/86 22:30 | 0.10                         |
| 06/10/86 23:45 | 0.10                         |
| 06/11/86 01:00 | 0.10                         |
| 06/11/86 16:00 | 0.10                         |
| 06/15/86 08:15 | 0.10                         |
| 06/16/86 13:45 | 0.30                         |
| 06/16/86 14:00 | 0.30                         |
| 06/16/86 14:15 | 0.10                         |
| 06/16/86 16:30 | 0.10                         |
| 06/17/86 04:00 | 0.10                         |
| 06/23/86 17:45 | 0.10                         |
| 07/01/86 00:15 | 0.00                         |
| 07/03/86 15:15 | 0.80                         |
| 07/03/86 15:30 | 0.10                         |
| 07/21/86 14:15 | 0.20                         |
| 07/21/86 14:30 | 0.70                         |
| 07/21/86 14:45 | 0.60                         |
| 07/21/86 15:00 | 0.20                         |
| 07/21/86 15:15 | 0.10                         |
| 08/01/86 00:15 | 0.00                         |
| 08/03/86 15:15 | 0.10                         |
| 08/03/86 15:45 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 08/03/86 16:00 | 0.10                         |
| 08/03/86 16:30 | 0.10                         |
| 08/03/86 17:15 | 0.10                         |
| 08/03/86 18:00 | 0.10                         |
| 08/10/86 14:15 | 0.10                         |
| 08/11/86 12:45 | 0.30                         |
| 08/11/86 13:00 | 0.10                         |
| 08/11/86 19:00 | 0.70                         |
| 08/24/86 14:45 | 0.30                         |
| 08/24/86 17:00 | 0.10                         |
| 09/01/86 00:15 | 0.00                         |
| 09/01/86 05:00 | 0.10                         |
| 09/01/86 05:30 | 0.10                         |
| 09/01/86 09:45 | 0.10                         |
| 09/01/86 10:00 | 0.10                         |
| 09/01/86 10:45 | 0.10                         |
| 09/01/86 12:15 | 0.10                         |
| 09/01/86 16:15 | 0.10                         |
| 09/02/86 03:15 | 0.10                         |
| 09/02/86 03:30 | 0.10                         |
| 09/02/86 04:30 | 0.10                         |
| 09/02/86 04:45 | 0.10                         |
| 09/02/86 05:15 | 0.10                         |
| 09/02/86 05:30 | 0.10                         |
| 09/02/86 05:45 | 0.10                         |
| 09/02/86 06:15 | 0.10                         |
| 09/02/86 06:30 | 0.20                         |
| 09/02/86 06:45 | 0.10                         |
| 09/02/86 09:15 | 0.10                         |
| 09/02/86 10:15 | 0.10                         |
| 09/05/86 16:15 | 0.40                         |
| 09/05/86 16:30 | 0.10                         |
| 09/05/86 18:45 | 0.10                         |
| 09/06/86 13:30 | 0.10                         |
| 09/28/86 15:45 | 0.10                         |
| 09/28/86 16:00 | 0.10                         |
| 10/01/86 00:15 | 0.00                         |
| 10/04/86 08:45 | 0.30                         |
| 10/04/86 09:15 | 0.10                         |
| 10/04/86 09:30 | 0.10                         |
| 10/05/86 02:30 | 0.10                         |
| 10/05/86 04:15 | 0.10                         |
| 10/05/86 09:30 | 0.10                         |
| 10/06/86 00:30 | 0.10                         |
| 10/06/86 01:00 | 0.10                         |
| 10/06/86 01:45 | 0.10                         |
| 10/06/86 02:00 | 0.10                         |
| 10/06/86 07:00 | 0.10                         |
| 10/08/86 03:45 | 0.10                         |
| 10/08/86 04:15 | 0.10                         |
| 10/08/86 04:30 | 0.10                         |
| 10/08/86 04:45 | 0.10                         |
| 10/08/86 05:45 | 0.10                         |
| 10/08/86 06:45 | 0.10                         |
| 10/11/86 19:30 | 0.10                         |
| 10/22/86 13:30 | 0.10                         |
| 10/22/86 14:45 | 0.10                         |
| 10/23/86 04:00 | 0.10                         |
| 10/23/86 04:15 | 0.10                         |
| 10/23/86 04:45 | 0.10                         |
| 10/23/86 06:15 | 0.10                         |
| 10/23/86 07:30 | 0.10                         |
| 10/23/86 14:45 | 0.10                         |
| 10/23/86 16:45 | 0.10                         |
| 10/23/86 17:30 | 0.10                         |
| 11/01/86 00:15 | 0.00                         |
| 11/04/86 00:15 | 0.10                         |
| 11/04/86 05:00 | 0.10                         |
| 11/04/86 06:45 | 0.10                         |
| 11/04/86 07:30 | 0.10                         |
| 11/04/86 08:45 | 0.10                         |
| 11/10/86 09:15 | 0.10                         |
| 11/10/86 10:45 | 0.10                         |
| 11/10/86 13:00 | 0.10                         |
| 11/10/86 13:30 | 0.10                         |
| 11/10/86 14:15 | 0.10                         |
| 11/10/86 16:00 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 11/10/86 17:30 | 0.10                         |
| 11/12/86 13:15 | 0.10                         |
| 11/19/86 15:15 | 0.10                         |
| 11/19/86 15:30 | 0.20                         |
| 11/24/86 22:45 | 0.10                         |
| 11/25/86 00:30 | 0.10                         |
| 11/25/86 01:15 | 0.10                         |
| 11/25/86 01:45 | 0.10                         |
| 11/25/86 02:00 | 0.10                         |
| 11/25/86 02:15 | 0.10                         |
| 11/25/86 02:30 | 0.10                         |
| 11/25/86 02:45 | 0.10                         |
| 11/25/86 03:00 | 0.10                         |
| 11/25/86 03:15 | 0.10                         |
| 11/25/86 03:45 | 0.10                         |
| 11/25/86 08:45 | 0.10                         |
| 11/25/86 09:30 | 0.10                         |
| 12/01/86 00:15 | 0.00                         |
| 12/07/86 01:15 | 0.10                         |
| 12/07/86 04:15 | 0.10                         |
| 12/11/86 19:45 | 0.10                         |
| 12/11/86 21:45 | 0.10                         |
| 12/11/86 23:45 | 0.10                         |
| 12/12/86 02:15 | 0.10                         |
| 12/14/86 11:00 | 0.10                         |
| 12/14/86 14:00 | 0.10                         |
| 12/14/86 19:15 | 0.10                         |
| 12/14/86 21:30 | 0.10                         |
| 12/14/86 22:15 | 0.10                         |
| 12/15/86 02:15 | 0.10                         |
| 12/17/86 06:45 | 0.10                         |
| 12/17/86 11:00 | 0.10                         |
| 12/17/86 15:00 | 0.10                         |
| 12/17/86 23:30 | 0.10                         |
| 12/17/86 23:45 | 0.10                         |
| 12/18/86 00:15 | 0.10                         |
| 12/18/86 01:45 | 0.10                         |
| 12/18/86 02:15 | 0.10                         |
| 12/18/86 03:00 | 0.10                         |
| 12/18/86 04:15 | 0.10                         |
| 12/18/86 09:30 | 0.10                         |
| 12/22/86 20:00 | 0.10                         |
| 12/23/86 01:45 | 0.10                         |
| 01/01/87 00:15 | 0.00                         |
| 01/03/87 01:45 | 0.10                         |
| 01/03/87 03:30 | 0.10                         |
| 01/09/87 00:30 | 0.10                         |
| 01/09/87 01:30 | 0.10                         |
| 01/09/87 02:15 | 0.10                         |
| 01/09/87 03:15 | 0.10                         |
| 01/09/87 03:45 | 0.10                         |
| 01/09/87 04:30 | 0.10                         |
| 01/09/87 05:15 | 0.10                         |
| 01/09/87 06:15 | 0.10                         |
| 01/17/87 09:15 | 0.10                         |
| 01/17/87 10:00 | 0.10                         |
| 01/17/87 11:15 | 0.10                         |
| 01/17/87 16:45 | 0.10                         |
| 01/17/87 23:15 | 0.10                         |
| 01/18/87 03:30 | 0.10                         |
| 02/01/87 00:15 | 0.00                         |
| 02/01/87 09:00 | 0.10                         |
| 02/05/87 22:30 | 0.10                         |
| 02/06/87 01:30 | 0.10                         |
| 02/06/87 05:30 | 0.10                         |
| 02/06/87 10:00 | 0.10                         |
| 02/14/87 21:30 | 0.10                         |
| 02/14/87 21:45 | 0.10                         |
| 02/19/87 23:30 | 0.10                         |
| 02/20/87 01:00 | 0.10                         |
| 02/20/87 01:15 | 0.10                         |
| 02/20/87 01:30 | 0.10                         |
| 02/20/87 02:15 | 0.10                         |
| 02/20/87 02:45 | 0.10                         |
| 02/20/87 03:15 | 0.10                         |
| 02/20/87 04:00 | 0.10                         |
| 02/20/87 04:45 | 0.10                         |



| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 02/20/87 05:45 | 0.10                         |
| 02/20/87 06:45 | 0.10                         |
| 02/20/87 08:00 | 0.10                         |
| 02/20/87 12:30 | 0.10                         |
| 02/24/87 02:30 | 0.10                         |
| 02/24/87 03:00 | 0.10                         |
| 02/24/87 03:45 | 0.10                         |
| 02/24/87 07:15 | 0.10                         |
| 02/24/87 08:00 | 0.10                         |
| 02/24/87 10:30 | 0.10                         |
| 02/25/87 18:30 | 0.10                         |
| 02/25/87 19:00 | 0.10                         |
| 02/25/87 20:30 | 0.10                         |
| 02/26/87 02:30 | 0.10                         |
| 02/26/87 05:30 | 0.10                         |
| 02/26/87 07:30 | 0.10                         |
| 02/26/87 08:30 | 0.10                         |
| 02/26/87 09:45 | 0.10                         |
| 02/26/87 12:45 | 0.10                         |
| 02/27/87 21:45 | 0.10                         |
| 02/27/87 22:45 | 0.10                         |
| 02/28/87 00:15 | 0.10                         |
| 02/28/87 02:15 | 0.10                         |
| 02/28/87 04:15 | 0.10                         |
| 03/01/87 00:15 | 0.00                         |
| 03/16/87 12:30 | 0.10                         |
| 03/16/87 23:45 | 0.10                         |
| 03/17/87 00:15 | 0.10                         |
| 03/17/87 00:45 | 0.10                         |
| 03/17/87 01:00 | 0.10                         |
| 03/17/87 02:15 | 0.10                         |
| 03/17/87 03:45 | 0.10                         |
| 03/17/87 04:15 | 0.10                         |
| 03/17/87 05:15 | 0.10                         |
| 03/17/87 05:30 | 0.10                         |
| 03/17/87 05:45 | 0.10                         |
| 03/23/87 04:15 | 0.10                         |
| 03/29/87 12:45 | 0.10                         |
| 04/01/87 00:15 | 0.00                         |
| 04/06/87 11:00 | 0.10                         |
| 04/11/87 17:30 | 0.20                         |
| 05/01/87 00:15 | 0.00                         |
| 05/02/87 13:15 | 0.10                         |
| 05/03/87 11:15 | 0.10                         |
| 05/03/87 21:45 | 0.10                         |
| 05/03/87 22:00 | 0.20                         |
| 05/03/87 22:15 | 0.70                         |
| 05/03/87 22:30 | 0.40                         |
| 05/03/87 22:45 | 0.10                         |
| 05/03/87 23:00 | 0.10                         |
| 05/04/87 02:15 | 0.20                         |
| 05/04/87 02:30 | 0.60                         |
| 05/04/87 02:45 | 0.20                         |
| 05/04/87 03:30 | 0.10                         |
| 05/08/87 15:00 | 0.10                         |
| 05/08/87 15:15 | 0.10                         |
| 05/08/87 16:00 | 0.10                         |
| 05/12/87 14:45 | 0.10                         |
| 05/12/87 15:00 | 0.10                         |
| 05/14/87 16:45 | 0.10                         |
| 05/14/87 17:00 | 0.90                         |
| 05/14/87 17:15 | 0.10                         |
| 05/14/87 18:30 | 0.10                         |
| 05/14/87 18:45 | 0.20                         |
| 05/14/87 19:15 | 0.10                         |
| 05/19/87 18:15 | 0.10                         |
| 05/19/87 18:30 | 0.10                         |
| 05/19/87 18:45 | 0.10                         |
| 05/19/87 19:30 | 0.10                         |
| 05/24/87 04:45 | 0.10                         |
| 05/24/87 06:15 | 0.10                         |
| 05/24/87 06:45 | 0.10                         |
| 05/28/87 13:15 | 0.20                         |
| 05/28/87 14:15 | 0.10                         |
| 05/28/87 18:15 | 0.10                         |
| 05/28/87 18:30 | 0.20                         |
| 05/28/87 18:45 | 0.80                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 05/28/87 19:00 | 0.40                         |
| 05/28/87 19:15 | 0.20                         |
| 05/28/87 19:30 | 0.10                         |
| 05/28/87 20:15 | 0.10                         |
| 05/28/87 21:30 | 0.10                         |
| 05/28/87 22:00 | 0.10                         |
| 05/28/87 23:00 | 0.10                         |
| 05/29/87 00:30 | 0.10                         |
| 05/29/87 05:45 | 0.10                         |
| 05/29/87 06:30 | 0.10                         |
| 05/29/87 07:30 | 0.10                         |
| 06/01/87 00:15 | 0.00                         |
| 06/02/87 15:45 | 0.10                         |
| 06/03/87 04:00 | 0.10                         |
| 06/03/87 04:15 | 0.10                         |
| 06/03/87 11:30 | 0.10                         |
| 06/09/87 10:45 | 0.20                         |
| 06/09/87 11:00 | 0.10                         |
| 06/09/87 11:15 | 0.10                         |
| 06/09/87 13:00 | 0.30                         |
| 06/09/87 13:15 | 0.10                         |
| 06/09/87 17:45 | 0.10                         |
| 06/09/87 18:45 | 0.10                         |
| 06/09/87 23:00 | 0.10                         |
| 06/10/87 09:15 | 0.10                         |
| 06/10/87 11:45 | 0.20                         |
| 06/10/87 13:00 | 0.20                         |
| 06/10/87 13:30 | 0.10                         |
| 06/11/87 00:15 | 0.10                         |
| 06/11/87 18:45 | 0.10                         |
| 06/12/87 11:45 | 0.10                         |
| 06/13/87 04:45 | 0.10                         |
| 06/13/87 05:00 | 0.50                         |
| 06/13/87 05:30 | 0.10                         |
| 06/13/87 05:45 | 0.20                         |
| 06/13/87 06:00 | 0.10                         |
| 06/13/87 06:15 | 0.10                         |
| 06/13/87 06:30 | 0.10                         |
| 06/14/87 16:15 | 0.50                         |
| 06/15/87 10:00 | 0.10                         |
| 06/16/87 03:45 | 0.30                         |
| 06/16/87 05:15 | 0.10                         |
| 06/18/87 14:15 | 0.10                         |
| 06/20/87 11:30 | 0.10                         |
| 07/01/87 00:15 | 0.00                         |
| 07/02/87 09:30 | 0.30                         |
| 07/02/87 09:45 | 0.20                         |
| 07/02/87 10:15 | 0.10                         |
| 07/02/87 10:45 | 0.10                         |
| 07/17/87 05:15 | 0.10                         |
| 07/17/87 06:00 | 0.10                         |
| 07/17/87 06:15 | 0.10                         |
| 08/01/87 00:15 | 0.00                         |
| 08/10/87 17:30 | 0.50                         |
| 08/10/87 17:45 | 0.30                         |
| 08/10/87 18:15 | 0.10                         |
| 08/27/87 04:30 | 0.10                         |
| 08/27/87 05:15 | 0.50                         |
| 08/27/87 05:30 | 0.10                         |
| 08/27/87 06:00 | 0.20                         |
| 08/27/87 06:15 | 0.20                         |
| 08/29/87 12:30 | 0.10                         |
| 09/01/87 00:15 | 0.00                         |
| 09/07/87 07:15 | 0.10                         |
| 09/10/87 07:00 | 0.10                         |
| 09/10/87 08:00 | 0.20                         |
| 09/10/87 08:15 | 0.10                         |
| 09/12/87 08:00 | 0.20                         |
| 09/12/87 08:45 | 0.10                         |
| 09/12/87 12:30 | 0.10                         |
| 09/15/87 13:15 | 0.10                         |
| 09/18/87 06:45 | 0.10                         |
| 09/18/87 07:00 | 0.20                         |
| 09/18/87 07:15 | 0.10                         |
| 10/01/87 00:15 | 0.00                         |
| 10/18/87 15:15 | 0.10                         |
| 10/18/87 18:45 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 10/23/87 12:15 | 0.10                         |
| 11/01/87 00:15 | 0.00                         |
| 12/01/87 00:15 | 0.00                         |
| 01/01/88 00:15 | 0.00                         |
| 02/01/88 00:15 | 0.00                         |
| 03/01/88 00:15 | 0.00                         |
| 04/01/88 00:15 | 0.00                         |
| 05/01/88 00:15 | 0.00                         |
| 05/08/88 06:15 | 0.10                         |
| 05/20/88 15:00 | 0.30                         |
| 05/20/88 15:15 | 0.10                         |
| 05/20/88 15:30 | 0.10                         |
| 05/21/88 09:15 | 0.10                         |
| 05/31/88 19:15 | 0.10                         |
| 05/31/88 19:30 | 0.10                         |
| 05/31/88 19:45 | 0.10                         |
| 05/31/88 23:45 | 0.10                         |
| 06/01/88 00:15 | 0.00                         |
| 06/01/88 01:00 | 0.30                         |
| 06/01/88 01:15 | 0.30                         |
| 06/01/88 01:30 | 0.20                         |
| 06/01/88 02:00 | 0.10                         |
| 06/01/88 02:45 | 0.10                         |
| 06/01/88 03:00 | 0.10                         |
| 06/01/88 03:30 | 0.10                         |
| 06/01/88 03:45 | 0.10                         |
| 06/01/88 04:15 | 0.10                         |
| 06/01/88 05:15 | 0.10                         |
| 06/01/88 05:45 | 0.10                         |
| 06/01/88 06:30 | 0.10                         |
| 06/02/88 10:00 | 0.10                         |
| 06/02/88 10:15 | 0.70                         |
| 06/02/88 10:30 | 0.20                         |
| 06/02/88 10:45 | 0.10                         |
| 06/02/88 11:00 | 0.10                         |
| 06/02/88 11:15 | 0.10                         |
| 06/02/88 12:00 | 0.20                         |
| 06/03/88 14:45 | 0.10                         |
| 06/26/88 04:00 | 0.10                         |
| 07/01/88 00:15 | 0.00                         |
| 07/05/88 12:45 | 0.10                         |
| 07/05/88 19:00 | 0.10                         |
| 07/05/88 19:15 | 0.20                         |
| 07/05/88 19:30 | 0.10                         |
| 07/10/88 19:30 | 0.30                         |
| 07/11/88 08:30 | 0.10                         |
| 07/11/88 10:45 | 0.10                         |
| 07/12/88 00:45 | 0.40                         |
| 07/12/88 01:00 | 1.00                         |
| 07/12/88 01:15 | 0.40                         |
| 07/12/88 01:30 | 0.30                         |
| 07/12/88 01:45 | 0.40                         |
| 07/12/88 02:00 | 0.40                         |
| 07/12/88 02:15 | 0.10                         |
| 07/12/88 02:30 | 0.20                         |
| 07/12/88 04:15 | 0.10                         |
| 07/12/88 04:45 | 0.10                         |
| 07/12/88 05:00 | 0.10                         |
| 07/12/88 05:15 | 0.30                         |
| 07/12/88 05:30 | 0.20                         |
| 07/19/88 22:15 | 0.10                         |
| 07/19/88 22:30 | 0.20                         |
| 07/19/88 23:00 | 0.10                         |
| 08/01/88 00:15 | 0.00                         |
| 09/01/88 00:15 | 0.00                         |
| 09/02/88 23:15 | 0.10                         |
| 09/03/88 00:15 | 0.10                         |
| 09/03/88 06:15 | 0.20                         |
| 09/03/88 06:30 | 0.40                         |
| 09/03/88 06:45 | 0.40                         |
| 09/03/88 07:00 | 0.10                         |
| 09/13/88 10:00 | 0.10                         |
| 09/13/88 15:15 | 0.50                         |
| 09/13/88 15:30 | 0.30                         |
| 09/13/88 15:45 | 0.10                         |
| 09/23/88 23:30 | 0.10                         |
| 09/28/88 08:00 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 09/29/88 02:30 | 0.20                         |
| 09/29/88 02:45 | 0.10                         |
| 09/29/88 04:00 | 0.10                         |
| 09/29/88 11:30 | 0.10                         |
| 09/29/88 16:45 | 0.10                         |
| 09/29/88 21:15 | 0.10                         |
| 09/29/88 23:00 | 0.10                         |
| 09/29/88 23:30 | 0.10                         |
| 09/30/88 00:15 | 0.10                         |
| 09/30/88 01:00 | 0.10                         |
| 09/30/88 02:00 | 0.10                         |
| 09/30/88 06:30 | 0.10                         |
| 10/01/88 00:15 | 0.00                         |
| 10/01/88 18:15 | 0.50                         |
| 10/01/88 18:30 | 0.10                         |
| 10/08/88 10:15 | 0.10                         |
| 10/08/88 11:00 | 0.10                         |
| 10/26/88 07:30 | 0.10                         |
| 10/26/88 08:15 | 0.10                         |
| 10/28/88 00:15 | 0.30                         |
| 10/28/88 00:30 | 0.10                         |
| 10/29/88 08:45 | 0.10                         |
| 10/29/88 09:00 | 0.10                         |
| 10/29/88 09:15 | 0.10                         |
| 10/29/88 09:30 | 0.20                         |
| 10/29/88 09:45 | 0.10                         |
| 10/29/88 10:45 | 0.10                         |
| 10/31/88 00:30 | 0.10                         |
| 11/01/88 00:15 | 0.00                         |
| 11/01/88 09:15 | 0.10                         |
| 11/12/88 06:30 | 0.10                         |
| 11/12/88 06:45 | 0.60                         |
| 11/15/88 15:30 | 0.10                         |
| 11/15/88 15:45 | 0.30                         |
| 11/15/88 16:00 | 0.10                         |
| 11/19/88 10:15 | 0.10                         |
| 11/19/88 10:30 | 0.10                         |
| 11/19/88 11:30 | 0.10                         |
| 11/19/88 11:45 | 0.10                         |
| 11/24/88 13:45 | 0.10                         |
| 11/25/88 19:00 | 0.10                         |
| 11/26/88 05:00 | 0.10                         |
| 12/01/88 00:15 | 0.00                         |
| 12/08/88 20:45 | 0.10                         |
| 12/10/88 08:30 | 0.10                         |
| 12/10/88 10:15 | 0.10                         |
| 12/10/88 11:15 | 0.10                         |
| 12/10/88 12:15 | 0.10                         |
| 12/10/88 13:30 | 0.10                         |
| 12/10/88 15:30 | 0.10                         |
| 12/10/88 16:00 | 0.10                         |
| 12/11/88 02:30 | 0.10                         |
| 12/11/88 08:15 | 0.00                         |
| 01/01/89 00:15 | 0.00                         |
| 01/12/89 14:15 | 0.10                         |
| 01/12/89 14:30 | 0.10                         |
| 01/12/89 15:30 | 0.10                         |
| 01/13/89 14:00 | 0.10                         |
| 01/24/89 12:15 | 0.10                         |
| 01/25/89 02:00 | 0.10                         |
| 01/25/89 16:45 | 0.10                         |
| 01/25/89 17:00 | 0.10                         |
| 01/25/89 21:30 | 0.30                         |
| 01/25/89 21:45 | 0.50                         |
| 01/25/89 22:00 | 0.10                         |
| 01/27/89 15:45 | 0.10                         |
| 01/27/89 18:00 | 0.10                         |
| 01/28/89 07:00 | 0.10                         |
| 01/28/89 07:45 | 0.10                         |
| 01/28/89 08:45 | 0.10                         |
| 01/28/89 09:00 | 0.20                         |
| 01/28/89 09:15 | 0.20                         |
| 01/28/89 09:45 | 0.20                         |
| 01/28/89 10:15 | 0.10                         |
| 01/28/89 10:45 | 0.10                         |
| 01/28/89 11:15 | 0.10                         |
| 01/28/89 11:45 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 01/28/89 12:15 | 0.10                         |
| 02/01/89 00:15 | 0.00                         |
| 02/02/89 11:15 | 0.10                         |
| 02/02/89 16:00 | 0.10                         |
| 02/02/89 17:00 | 0.30                         |
| 02/02/89 17:15 | 0.10                         |
| 02/02/89 17:30 | 0.10                         |
| 02/02/89 17:45 | 0.20                         |
| 02/02/89 22:15 | 0.10                         |
| 02/02/89 22:30 | 0.10                         |
| 02/02/89 23:15 | 0.10                         |
| 02/12/89 11:45 | 0.10                         |
| 02/12/89 13:30 | 0.10                         |
| 02/12/89 16:00 | 0.10                         |
| 02/15/89 05:15 | 0.10                         |
| 02/15/89 08:00 | 0.10                         |
| 02/15/89 12:00 | 0.10                         |
| 02/15/89 14:45 | 0.10                         |
| 02/15/89 18:00 | 0.10                         |
| 02/16/89 06:30 | 0.10                         |
| 02/16/89 08:30 | 0.10                         |
| 02/16/89 10:30 | 0.10                         |
| 02/16/89 13:00 | 0.10                         |
| 02/16/89 16:00 | 0.10                         |
| 02/16/89 23:00 | 0.10                         |
| 02/17/89 00:15 | 0.10                         |
| 02/17/89 02:30 | 0.10                         |
| 02/17/89 04:15 | 0.10                         |
| 02/17/89 05:30 | 0.10                         |
| 02/17/89 06:15 | 0.10                         |
| 02/17/89 06:45 | 0.10                         |
| 02/17/89 07:30 | 0.10                         |
| 02/17/89 08:15 | 0.10                         |
| 02/17/89 08:45 | 0.10                         |
| 02/17/89 09:15 | 0.10                         |
| 02/17/89 10:15 | 0.10                         |
| 02/17/89 11:00 | 0.10                         |
| 02/17/89 11:45 | 0.10                         |
| 02/17/89 12:45 | 0.10                         |
| 02/17/89 13:30 | 0.10                         |
| 02/17/89 15:00 | 0.10                         |
| 03/01/89 00:15 | 0.00                         |
| 03/04/89 10:15 | 0.10                         |
| 03/04/89 11:00 | 0.10                         |
| 03/04/89 11:45 | 0.10                         |
| 03/04/89 12:15 | 0.10                         |
| 03/04/89 16:15 | 0.10                         |
| 03/05/89 07:15 | 0.10                         |
| 03/21/89 07:00 | 0.10                         |
| 03/21/89 07:45 | 0.10                         |
| 03/21/89 08:15 | 0.10                         |
| 03/21/89 08:45 | 0.10                         |
| 03/21/89 14:45 | 0.10                         |
| 03/28/89 03:30 | 0.20                         |
| 03/28/89 03:45 | 0.30                         |
| 03/28/89 04:00 | 0.10                         |
| 03/28/89 04:30 | 0.10                         |
| 03/28/89 06:15 | 0.50                         |
| 03/28/89 06:30 | 0.30                         |
| 03/28/89 06:45 | 0.10                         |
| 03/28/89 07:45 | 0.10                         |
| 03/28/89 08:00 | 0.20                         |
| 03/28/89 08:15 | 0.10                         |
| 03/28/89 08:30 | 0.20                         |
| 03/28/89 08:45 | 0.10                         |
| 03/28/89 09:00 | 0.10                         |
| 03/28/89 09:30 | 0.10                         |
| 03/28/89 15:45 | 0.10                         |
| 03/29/89 02:15 | 0.10                         |
| 03/29/89 05:30 | 0.10                         |
| 04/01/89 00:15 | 0.00                         |
| 04/13/89 13:00 | 0.10                         |
| 04/13/89 14:00 | 0.20                         |
| 04/13/89 14:15 | 0.10                         |
| 04/13/89 14:45 | 0.10                         |
| 04/13/89 15:00 | 0.10                         |
| 04/13/89 15:45 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 04/13/89 16:15 | 0.10                         |
| 04/13/89 16:45 | 0.10                         |
| 04/13/89 17:00 | 0.10                         |
| 04/13/89 17:30 | 0.10                         |
| 04/13/89 17:45 | 0.10                         |
| 04/13/89 18:15 | 0.10                         |
| 04/13/89 18:45 | 0.10                         |
| 04/13/89 19:00 | 0.10                         |
| 04/13/89 19:30 | 0.10                         |
| 04/13/89 21:30 | 0.10                         |
| 04/13/89 23:30 | 0.10                         |
| 05/01/89 00:15 | 0.00                         |
| 05/01/89 00:30 | 0.20                         |
| 05/02/89 19:15 | 0.20                         |
| 05/02/89 19:30 | 0.30                         |
| 05/02/89 19:45 | 0.10                         |
| 05/03/89 04:30 | 0.10                         |
| 05/03/89 04:45 | 0.10                         |
| 05/03/89 05:00 | 0.10                         |
| 05/03/89 05:15 | 0.30                         |
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| 05/03/89 07:30 | 0.10                         |
| 05/03/89 08:30 | 0.10                         |
| 05/03/89 10:45 | 0.10                         |
| 05/04/89 07:45 | 0.10                         |
| 05/04/89 22:30 | 0.30                         |
| 05/04/89 22:45 | 0.60                         |
| 05/04/89 23:00 | 0.50                         |
| 05/04/89 23:15 | 0.20                         |
| 05/04/89 23:30 | 0.30                         |
| 05/07/89 12:30 | 0.10                         |
| 05/13/89 03:45 | 0.10                         |
| 05/15/89 23:30 | 0.20                         |
| 05/16/89 05:30 | 0.10                         |
| 05/16/89 05:45 | 0.20                         |
| 05/16/89 06:00 | 0.50                         |
| 05/16/89 07:45 | 0.10                         |
| 05/16/89 08:00 | 0.20                         |
| 05/16/89 08:15 | 0.10                         |
| 05/16/89 17:30 | 0.10                         |
| 05/16/89 18:00 | 0.30                         |
| 05/16/89 18:45 | 0.40                         |
| 05/16/89 19:30 | 0.10                         |
| 05/16/89 20:00 | 0.20                         |
| 05/16/89 20:15 | 0.40                         |
| 05/16/89 20:30 | 0.40                         |
| 05/16/89 21:15 | 0.10                         |
| 05/17/89 02:30 | 0.20                         |
| 05/17/89 02:45 | 0.40                         |
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| 05/17/89 03:30 | 0.10                         |
| 05/17/89 03:45 | 0.20                         |
| 05/17/89 04:00 | 0.40                         |
| 05/17/89 04:15 | 0.20                         |
| 05/17/89 04:30 | 0.80                         |
| 05/17/89 04:45 | 0.20                         |
| 05/17/89 05:00 | 0.10                         |
| 05/17/89 05:15 | 0.20                         |
| 05/17/89 05:30 | 0.20                         |
| 05/17/89 06:15 | 0.10                         |
| 05/19/89 13:45 | 0.10                         |
| 06/01/89 00:15 | 0.00                         |
| 06/02/89 20:00 | 0.40                         |
| 06/02/89 20:15 | 0.80                         |
| 06/02/89 20:30 | 0.10                         |
| 06/03/89 05:15 | 0.10                         |
| 06/03/89 12:45 | 0.10                         |
| 06/04/89 03:00 | 0.10                         |
| 06/04/89 04:00 | 0.10                         |
| 06/04/89 04:15 | 0.10                         |
| 06/04/89 04:45 | 0.20                         |
| 06/04/89 05:45 | 0.20                         |
| 06/04/89 06:00 | 0.10                         |
| 06/04/89 07:00 | 0.30                         |
| 06/04/89 07:15 | 0.10                         |
| 06/04/89 07:45 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 06/04/89 08:30 | 0.10                         |
| 06/04/89 09:00 | 0.10                         |
| 06/04/89 11:45 | 0.10                         |
| 06/06/89 22:30 | 0.10                         |
| 06/07/89 05:15 | 0.10                         |
| 06/07/89 05:30 | 0.20                         |
| 06/07/89 05:45 | 0.20                         |
| 06/07/89 06:00 | 0.20                         |
| 06/07/89 06:15 | 0.10                         |
| 06/07/89 06:30 | 0.20                         |
| 06/07/89 06:45 | 0.10                         |
| 06/07/89 07:00 | 0.20                         |
| 06/07/89 07:15 | 0.20                         |
| 06/07/89 15:30 | 0.40                         |
| 06/10/89 12:30 | 0.20                         |
| 06/10/89 12:45 | 0.10                         |
| 06/10/89 13:00 | 0.10                         |
| 06/10/89 23:00 | 0.10                         |
| 06/11/89 00:15 | 0.10                         |
| 06/11/89 01:15 | 0.10                         |
| 06/12/89 05:30 | 0.30                         |
| 06/12/89 05:45 | 0.10                         |
| 06/12/89 06:15 | 0.10                         |
| 06/12/89 06:45 | 0.10                         |
| 06/12/89 07:00 | 0.10                         |
| 06/12/89 07:30 | 0.10                         |
| 06/12/89 08:00 | 0.10                         |
| 06/12/89 09:00 | 0.10                         |
| 06/13/89 04:45 | 0.10                         |
| 06/13/89 05:00 | 0.60                         |
| 06/13/89 05:15 | 0.20                         |
| 06/13/89 06:00 | 0.10                         |
| 06/13/89 06:15 | 0.10                         |
| 06/13/89 07:00 | 0.10                         |
| 06/13/89 08:45 | 0.10                         |
| 06/13/89 14:30 | 0.10                         |
| 06/13/89 14:45 | 0.40                         |
| 06/13/89 15:00 | 0.20                         |
| 06/13/89 15:30 | 0.10                         |
| 06/13/89 17:00 | 0.50                         |
| 06/13/89 17:15 | 0.10                         |
| 06/13/89 17:45 | 0.10                         |
| 06/13/89 18:45 | 0.10                         |
| 06/13/89 19:45 | 0.10                         |
| 06/13/89 21:00 | 0.10                         |
| 06/13/89 21:45 | 0.10                         |
| 06/14/89 11:30 | 0.10                         |
| 06/25/89 19:00 | 0.10                         |
| 06/25/89 19:15 | 0.10                         |
| 07/01/89 00:15 | 0.00                         |
| 07/02/89 19:15 | 0.80                         |
| 07/02/89 19:30 | 0.70                         |
| 07/02/89 19:45 | 0.40                         |
| 07/02/89 20:00 | 0.10                         |
| 07/02/89 20:15 | 0.10                         |
| 07/02/89 20:30 | 0.10                         |
| 07/02/89 20:45 | 0.10                         |
| 07/02/89 21:00 | 0.10                         |
| 07/02/89 21:15 | 0.10                         |
| 07/02/89 22:30 | 0.10                         |
| 07/13/89 05:15 | 0.10                         |
| 07/13/89 05:30 | 0.10                         |
| 07/13/89 07:30 | 0.10                         |
| 07/15/89 00:15 | 0.10                         |
| 07/15/89 00:45 | 0.40                         |
| 07/15/89 01:15 | 0.10                         |
| 07/15/89 01:30 | 0.10                         |
| 07/15/89 09:30 | 0.10                         |
| 07/25/89 17:45 | 0.10                         |
| 07/26/89 12:30 | 0.10                         |
| 08/01/89 00:15 | 0.00                         |
| 08/02/89 02:15 | 0.10                         |
| 08/03/89 09:45 | 0.10                         |
| 08/06/89 14:30 | 0.20                         |
| 08/06/89 14:45 | 0.40                         |
| 08/06/89 15:00 | 0.40                         |
| 08/06/89 15:15 | 0.20                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 08/06/89 15:30 | 0.30                         |
| 08/06/89 16:45 | 0.10                         |
| 08/07/89 07:00 | 0.10                         |
| 08/07/89 07:30 | 0.10                         |
| 08/07/89 08:00 | 0.10                         |
| 08/07/89 08:30 | 0.10                         |
| 08/07/89 12:00 | 0.10                         |
| 08/07/89 13:00 | 0.10                         |
| 08/15/89 04:30 | 0.10                         |
| 08/15/89 08:30 | 0.10                         |
| 08/16/89 05:15 | 0.20                         |
| 08/17/89 11:45 | 0.10                         |
| 08/17/89 12:00 | 0.10                         |
| 08/17/89 12:15 | 0.30                         |
| 08/17/89 12:30 | 0.30                         |
| 08/17/89 12:45 | 0.20                         |
| 08/17/89 17:00 | 0.10                         |
| 08/24/89 15:15 | 0.10                         |
| 09/01/89 00:15 | 0.00                         |
| 09/10/89 06:30 | 0.10                         |
| 09/11/89 06:30 | 0.10                         |
| 09/11/89 06:45 | 0.60                         |
| 09/11/89 07:00 | 0.10                         |
| 09/11/89 07:30 | 0.10                         |
| 09/11/89 08:00 | 0.10                         |
| 09/11/89 10:30 | 0.10                         |
| 09/12/89 13:00 | 0.10                         |
| 09/13/89 05:15 | 0.50                         |
| 09/13/89 05:30 | 0.40                         |
| 09/13/89 06:15 | 0.10                         |
| 09/13/89 07:00 | 0.10                         |
| 09/13/89 10:45 | 0.10                         |
| 09/13/89 11:45 | 0.10                         |
| 10/01/89 00:15 | 0.00                         |
| 10/18/89 02:30 | 0.10                         |
| 10/18/89 02:45 | 0.10                         |
| 10/30/89 04:00 | 0.10                         |
| 10/30/89 04:15 | 0.30                         |
| 10/30/89 04:30 | 0.20                         |
| 10/30/89 04:45 | 0.40                         |
| 10/30/89 05:00 | 0.10                         |
| 10/30/89 05:15 | 0.20                         |
| 10/30/89 05:30 | 0.10                         |
| 10/30/89 06:00 | 0.10                         |
| 10/30/89 06:15 | 0.10                         |
| 10/30/89 06:45 | 0.10                         |
| 11/01/89 00:15 | 0.00                         |
| 11/22/89 03:00 | 0.10                         |
| 11/22/89 04:15 | 0.10                         |
| 11/22/89 05:15 | 0.10                         |
| 11/22/89 06:00 | 0.10                         |
| 12/01/89 00:15 | 0.00                         |
| 12/30/89 11:15 | 0.20                         |
| 12/30/89 12:15 | 0.10                         |
| 12/30/89 15:30 | 0.10                         |
| 12/31/89 12:15 | 0.10                         |
| 01/01/90 00:15 | 0.00                         |
| 01/03/90 17:15 | 0.30                         |
| 01/06/90 14:00 | 0.10                         |
| 01/16/90 11:30 | 0.00                         |
| 02/01/90 00:15 | 0.00                         |
| 02/01/90 09:30 | 0.00                         |
| 02/01/90 18:30 | 0.10                         |
| 02/01/90 19:15 | 0.10                         |
| 02/02/90 09:45 | 0.10                         |
| 02/09/90 13:30 | 0.10                         |
| 02/09/90 15:15 | 0.10                         |
| 02/14/90 19:00 | 0.10                         |
| 02/14/90 21:00 | 0.10                         |
| 02/21/90 10:15 | 0.10                         |
| 02/21/90 11:15 | 0.10                         |
| 02/21/90 11:30 | 0.10                         |
| 02/21/90 12:00 | 0.10                         |
| 02/21/90 12:30 | 0.10                         |
| 02/21/90 13:15 | 0.10                         |
| 02/21/90 14:15 | 0.10                         |
| 02/28/90 07:00 | 0.10                         |



| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 02/28/90 07:45 | 0.10                         |
| 02/28/90 08:15 | 0.10                         |
| 02/28/90 10:45 | 0.10                         |
| 03/01/90 00:15 | 0.00                         |
| 03/07/90 03:30 | 0.20                         |
| 03/07/90 04:00 | 0.10                         |
| 03/07/90 06:45 | 0.10                         |
| 03/07/90 15:15 | 0.10                         |
| 03/07/90 17:00 | 0.10                         |
| 03/07/90 17:15 | 0.10                         |
| 03/11/90 06:15 | 0.10                         |
| 03/11/90 07:00 | 0.10                         |
| 03/11/90 08:15 | 0.10                         |
| 03/11/90 08:30 | 0.40                         |
| 03/11/90 10:45 | 0.10                         |
| 03/11/90 16:00 | 0.10                         |
| 03/14/90 09:30 | 0.10                         |
| 03/14/90 09:45 | 0.30                         |
| 03/14/90 10:00 | 0.50                         |
| 03/14/90 10:15 | 0.20                         |
| 03/14/90 10:30 | 0.20                         |
| 03/14/90 10:45 | 0.10                         |
| 03/14/90 11:00 | 0.10                         |
| 03/14/90 12:45 | 0.10                         |
| 03/25/90 07:45 | 0.10                         |
| 03/25/90 08:00 | 0.10                         |
| 03/25/90 08:30 | 0.10                         |
| 03/25/90 08:45 | 0.10                         |
| 03/25/90 09:15 | 0.10                         |
| 03/25/90 09:45 | 0.10                         |
| 03/25/90 10:30 | 0.10                         |
| 03/25/90 11:30 | 0.10                         |
| 03/25/90 13:45 | 0.10                         |
| 03/27/90 14:15 | 0.10                         |
| 03/27/90 17:00 | 0.10                         |
| 03/27/90 18:45 | 0.10                         |
| 03/27/90 19:30 | 0.10                         |
| 03/27/90 22:30 | 0.10                         |
| 03/27/90 23:00 | 0.10                         |
| 03/27/90 23:30 | 0.10                         |
| 03/28/90 00:45 | 0.10                         |
| 03/28/90 10:00 | 0.10                         |
| 03/29/90 03:15 | 0.20                         |
| 03/29/90 03:30 | 0.10                         |
| 04/01/90 00:15 | 0.00                         |
| 04/05/90 19:30 | 0.10                         |
| 04/05/90 20:00 | 0.10                         |
| 04/05/90 20:15 | 0.10                         |
| 04/05/90 21:00 | 0.10                         |
| 04/06/90 02:30 | 0.10                         |
| 04/10/90 01:15 | 0.10                         |
| 04/10/90 01:30 | 0.10                         |
| 04/10/90 01:45 | 0.10                         |
| 04/10/90 02:00 | 0.20                         |
| 04/10/90 02:45 | 0.10                         |
| 04/10/90 03:00 | 0.10                         |
| 04/10/90 11:30 | 0.10                         |
| 04/13/90 07:30 | 0.10                         |
| 04/13/90 07:45 | 0.10                         |
| 04/13/90 08:15 | 0.10                         |
| 04/14/90 00:15 | 0.10                         |
| 04/14/90 01:30 | 0.10                         |
| 04/14/90 01:45 | 0.10                         |
| 04/14/90 02:45 | 0.30                         |
| 04/14/90 03:00 | 0.10                         |
| 04/14/90 03:15 | 0.10                         |
| 04/14/90 03:45 | 0.20                         |
| 04/14/90 04:00 | 0.10                         |
| 04/14/90 04:30 | 0.10                         |
| 04/14/90 05:15 | 0.10                         |
| 04/15/90 21:00 | 0.10                         |
| 04/15/90 22:00 | 0.10                         |
| 04/19/90 02:30 | 0.10                         |
| 04/19/90 02:45 | 0.10                         |
| 04/19/90 13:00 | 0.10                         |
| 04/20/90 10:00 | 0.10                         |
| 04/20/90 11:00 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 04/20/90 12:00 | 0.10                         |
| 04/20/90 12:30 | 0.10                         |
| 04/21/90 10:30 | 0.10                         |
| 04/25/90 14:30 | 0.10                         |
| 04/25/90 14:45 | 0.10                         |
| 04/25/90 15:15 | 0.10                         |
| 04/25/90 15:30 | 0.10                         |
| 04/25/90 15:45 | 0.10                         |
| 04/26/90 01:45 | 0.20                         |
| 04/26/90 02:00 | 0.10                         |
| 04/26/90 02:15 | 0.10                         |
| 04/26/90 02:30 | 0.10                         |
| 04/26/90 02:45 | 0.10                         |
| 04/26/90 04:00 | 0.10                         |
| 04/26/90 04:15 | 0.10                         |
| 04/26/90 04:30 | 0.10                         |
| 04/26/90 05:15 | 0.10                         |
| 04/26/90 05:30 | 0.10                         |
| 04/26/90 05:45 | 0.10                         |
| 04/26/90 06:00 | 0.10                         |
| 04/26/90 06:15 | 0.10                         |
| 04/26/90 06:30 | 0.20                         |
| 04/26/90 06:45 | 0.20                         |
| 04/26/90 07:00 | 0.30                         |
| 04/26/90 07:15 | 0.20                         |
| 04/26/90 07:30 | 0.10                         |
| 04/26/90 08:15 | 0.10                         |
| 04/26/90 10:00 | 0.10                         |
| 04/26/90 14:30 | 0.10                         |
| 05/01/90 00:15 | 0.00                         |
| 05/01/90 11:15 | 0.10                         |
| 05/01/90 19:45 | 0.10                         |
| 05/01/90 20:45 | 0.10                         |
| 05/01/90 21:15 | 0.20                         |
| 05/01/90 21:30 | 1.00                         |
| 05/01/90 21:45 | 0.50                         |
| 05/01/90 22:00 | 0.60                         |
| 05/01/90 22:15 | 0.40                         |
| 05/01/90 22:30 | 0.20                         |
| 05/01/90 22:45 | 0.30                         |
| 05/01/90 23:00 | 0.10                         |
| 05/01/90 23:15 | 0.10                         |
| 05/02/90 02:15 | 0.10                         |
| 05/02/90 03:45 | 0.10                         |
| 05/02/90 04:30 | 0.10                         |
| 05/02/90 06:45 | 0.10                         |
| 05/02/90 07:00 | 0.10                         |
| 05/02/90 07:30 | 0.10                         |
| 05/02/90 11:00 | 0.10                         |
| 05/02/90 21:45 | 0.10                         |
| 05/02/90 22:00 | 0.60                         |
| 05/02/90 22:15 | 0.30                         |
| 05/02/90 22:45 | 0.10                         |
| 05/02/90 23:00 | 0.10                         |
| 05/02/90 23:15 | 0.10                         |
| 05/02/90 23:30 | 0.10                         |
| 05/03/90 00:30 | 0.10                         |
| 05/03/90 00:45 | 0.10                         |
| 05/03/90 01:15 | 0.10                         |
| 05/03/90 02:00 | 0.10                         |
| 05/03/90 02:15 | 0.10                         |
| 05/03/90 02:45 | 0.10                         |
| 05/03/90 03:00 | 0.10                         |
| 05/03/90 06:15 | 0.10                         |
| 05/11/90 20:00 | 0.10                         |
| 05/11/90 20:30 | 0.30                         |
| 05/15/90 12:00 | 0.10                         |
| 05/18/90 16:15 | 0.20                         |
| 05/18/90 18:45 | 0.10                         |
| 05/27/90 11:00 | 0.10                         |
| 05/29/90 23:30 | 0.10                         |
| 05/29/90 23:45 | 0.10                         |
| 05/31/90 15:00 | 0.10                         |
| 05/31/90 15:45 | 0.10                         |
| 06/01/90 00:15 | 0.00                         |
| 06/01/90 04:30 | 0.10                         |
| 06/01/90 04:45 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 06/01/90 05:00 | 0.20                         |
| 06/01/90 05:15 | 0.10                         |
| 06/01/90 05:30 | 0.20                         |
| 06/01/90 05:45 | 0.10                         |
| 06/01/90 06:00 | 0.20                         |
| 06/01/90 06:15 | 0.20                         |
| 06/01/90 06:30 | 0.10                         |
| 06/01/90 13:15 | 0.60                         |
| 06/01/90 13:30 | 0.50                         |
| 06/02/90 11:45 | 0.10                         |
| 06/03/90 14:00 | 0.60                         |
| 06/03/90 14:15 | 0.20                         |
| 06/24/90 03:30 | 0.10                         |
| 06/24/90 03:45 | 0.10                         |
| 06/24/90 06:45 | 0.10                         |
| 06/25/90 12:45 | 0.10                         |
| 07/01/90 00:15 | 0.00                         |
| 07/12/90 07:45 | 0.10                         |
| 07/17/90 11:45 | 0.10                         |
| 07/22/90 13:45 | 0.10                         |
| 07/23/90 01:30 | 0.10                         |
| 07/24/90 10:00 | 0.20                         |
| 07/24/90 10:15 | 0.10                         |
| 07/24/90 12:15 | 0.10                         |
| 07/24/90 13:30 | 0.10                         |
| 07/24/90 13:45 | 0.10                         |
| 07/25/90 10:30 | 0.10                         |
| 08/01/90 00:15 | 0.00                         |
| 08/04/90 05:00 | 0.20                         |
| 08/04/90 05:15 | 0.50                         |
| 08/04/90 05:30 | 0.20                         |
| 08/04/90 05:45 | 0.20                         |
| 08/04/90 06:00 | 0.10                         |
| 08/04/90 07:00 | 0.10                         |
| 08/04/90 08:00 | 0.10                         |
| 08/04/90 08:30 | 0.10                         |
| 08/05/90 13:30 | 0.50                         |
| 08/05/90 13:45 | 0.20                         |
| 08/05/90 14:00 | 0.20                         |
| 08/05/90 14:15 | 0.10                         |
| 08/05/90 14:45 | 0.10                         |
| 08/05/90 15:45 | 0.10                         |
| 09/01/90 00:15 | 0.00                         |
| 09/08/90 16:45 | 0.10                         |
| 09/10/90 09:15 | 0.10                         |
| 09/10/90 09:45 | 0.10                         |
| 09/10/90 23:30 | 0.10                         |
| 09/11/90 01:15 | 0.10                         |
| 09/11/90 13:45 | 0.10                         |
| 09/19/90 18:15 | 0.10                         |
| 10/01/90 00:15 | 0.00                         |
| 10/03/90 09:00 | 0.10                         |
| 10/03/90 09:15 | 0.10                         |
| 10/03/90 09:30 | 0.50                         |
| 10/03/90 10:15 | 0.10                         |
| 10/08/90 20:30 | 0.10                         |
| 10/08/90 20:45 | 0.40                         |
| 10/08/90 21:15 | 0.10                         |
| 10/08/90 22:30 | 0.10                         |
| 10/08/90 22:45 | 0.20                         |
| 10/08/90 23:00 | 0.10                         |
| 10/08/90 23:15 | 0.10                         |
| 10/08/90 23:30 | 0.20                         |
| 10/08/90 23:45 | 0.10                         |
| 10/09/90 00:30 | 0.10                         |
| 10/09/90 01:00 | 0.10                         |
| 10/09/90 02:30 | 0.10                         |
| 10/21/90 07:45 | 0.10                         |
| 10/21/90 10:15 | 0.10                         |
| 11/01/90 00:15 | 0.00                         |
| 11/04/90 01:45 | 0.10                         |
| 11/04/90 04:30 | 0.10                         |
| 11/04/90 04:45 | 0.10                         |
| 11/04/90 05:30 | 0.10                         |
| 11/04/90 06:30 | 0.10                         |
| 11/04/90 06:45 | 0.10                         |
| 11/04/90 07:00 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 11/04/90 07:15 | 0.10                         |
| 11/04/90 07:45 | 0.10                         |
| 11/04/90 08:15 | 0.10                         |
| 11/04/90 08:45 | 0.10                         |
| 11/04/90 09:00 | 0.10                         |
| 11/05/90 09:30 | 0.10                         |
| 11/08/90 06:00 | 0.10                         |
| 11/08/90 06:30 | 0.10                         |
| 11/08/90 07:15 | 0.10                         |
| 11/08/90 07:45 | 0.10                         |
| 11/08/90 08:00 | 0.10                         |
| 11/08/90 08:15 | 0.10                         |
| 11/08/90 08:45 | 0.10                         |
| 11/08/90 09:00 | 0.10                         |
| 11/08/90 10:00 | 0.10                         |
| 11/08/90 10:30 | 0.10                         |
| 11/08/90 11:15 | 0.10                         |
| 11/08/90 11:30 | 0.10                         |
| 11/08/90 13:15 | 0.10                         |
| 11/08/90 14:00 | 0.10                         |
| 11/08/90 14:30 | 0.10                         |
| 11/08/90 15:00 | 0.10                         |
| 11/08/90 15:45 | 0.10                         |
| 11/08/90 16:30 | 0.10                         |
| 11/08/90 17:00 | 0.10                         |
| 11/08/90 17:30 | 0.10                         |
| 11/08/90 18:00 | 0.10                         |
| 11/08/90 18:30 | 0.10                         |
| 11/08/90 19:45 | 0.10                         |
| 11/09/90 02:30 | 0.10                         |
| 11/10/90 12:15 | 0.10                         |
| 11/21/90 17:00 | 0.20                         |
| 11/21/90 17:15 | 0.30                         |
| 11/21/90 17:30 | 0.10                         |
| 11/22/90 08:30 | 0.30                         |
| 11/22/90 08:45 | 0.20                         |
| 11/22/90 09:45 | 0.10                         |
| 11/23/90 10:30 | 0.10                         |
| 11/26/90 13:00 | 0.10                         |
| 11/26/90 15:00 | 0.10                         |
| 11/27/90 11:30 | 0.20                         |
| 11/28/90 09:45 | 0.10                         |
| 12/01/90 00:15 | 0.00                         |
| 12/02/90 11:00 | 0.10                         |
| 12/02/90 11:45 | 0.10                         |
| 12/02/90 12:45 | 0.10                         |
| 12/14/90 14:45 | 0.10                         |
| 12/17/90 02:30 | 0.10                         |
| 12/18/90 03:15 | 0.10                         |
| 12/26/90 07:15 | 0.10                         |
| 12/26/90 15:45 | 0.10                         |
| 12/26/90 16:30 | 0.10                         |
| 12/26/90 17:45 | 0.10                         |
| 12/29/90 03:45 | 0.10                         |
| 12/29/90 06:15 | 0.10                         |
| 01/01/91 00:15 | 0.00                         |
| 01/02/91 20:00 | 0.10                         |
| 01/05/91 12:00 | 0.10                         |
| 01/05/91 21:15 | 0.10                         |
| 01/06/91 02:00 | 0.10                         |
| 01/06/91 06:45 | 0.10                         |
| 01/06/91 10:00 | 0.10                         |
| 01/06/91 12:15 | 0.10                         |
| 01/09/91 16:00 | 0.10                         |
| 01/09/91 17:30 | 0.10                         |
| 01/09/91 17:45 | 0.10                         |
| 01/09/91 18:00 | 0.10                         |
| 01/09/91 18:45 | 0.10                         |
| 01/09/91 19:45 | 0.10                         |
| 01/09/91 20:30 | 0.10                         |
| 01/09/91 21:30 | 0.10                         |
| 01/09/91 22:15 | 0.20                         |
| 01/09/91 22:30 | 0.10                         |
| 01/10/91 02:45 | 0.10                         |
| 01/10/91 11:45 | 0.10                         |
| 01/14/91 17:30 | 0.10                         |
| 01/15/91 02:00 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 01/17/91 18:15 | 0.10                         |
| 01/17/91 20:30 | 0.10                         |
| 01/18/91 04:45 | 0.10                         |
| 01/18/91 06:15 | 0.10                         |
| 01/18/91 13:00 | 0.10                         |
| 01/18/91 20:00 | 0.10                         |
| 01/18/91 22:00 | 0.10                         |
| 01/24/91 09:00 | 0.10                         |
| 01/30/91 05:00 | 0.10                         |
| 02/01/91 00:15 | 0.00                         |
| 02/04/91 08:30 | 0.10                         |
| 02/04/91 10:45 | 0.10                         |
| 02/04/91 11:00 | 0.10                         |
| 02/04/91 13:00 | 0.10                         |
| 02/04/91 13:45 | 0.10                         |
| 02/04/91 14:45 | 0.10                         |
| 02/05/91 01:00 | 0.10                         |
| 02/05/91 05:45 | 0.10                         |
| 02/21/91 18:00 | 0.10                         |
| 02/21/91 22:15 | 0.10                         |
| 02/21/91 22:45 | 0.10                         |
| 02/21/91 23:45 | 0.10                         |
| 02/22/91 00:30 | 0.10                         |
| 02/22/91 00:45 | 0.10                         |
| 02/22/91 01:30 | 0.10                         |
| 02/22/91 02:00 | 0.10                         |
| 02/22/91 02:30 | 0.10                         |
| 02/22/91 02:45 | 0.10                         |
| 02/22/91 03:00 | 0.10                         |
| 02/22/91 03:15 | 0.10                         |
| 02/22/91 03:30 | 0.10                         |
| 02/22/91 04:00 | 0.10                         |
| 02/22/91 04:30 | 0.10                         |
| 02/22/91 11:30 | 0.10                         |
| 03/01/91 00:15 | 0.00                         |
| 03/01/91 04:00 | 0.10                         |
| 03/01/91 06:00 | 0.10                         |
| 03/15/91 09:45 | 0.10                         |
| 03/17/91 01:15 | 0.10                         |
| 03/22/91 05:30 | 0.20                         |
| 03/22/91 06:00 | 0.10                         |
| 03/27/91 03:45 | 0.10                         |
| 03/27/91 04:00 | 0.20                         |
| 04/01/91 00:15 | 0.00                         |
| 04/06/91 07:45 | 0.10                         |
| 04/11/91 20:45 | 0.10                         |
| 04/11/91 21:00 | 0.10                         |
| 04/11/91 21:15 | 0.40                         |
| 04/11/91 21:30 | 0.50                         |
| 04/11/91 21:45 | 0.10                         |
| 04/11/91 22:00 | 0.10                         |
| 04/11/91 22:30 | 1.00                         |
| 04/11/91 22:45 | 0.10                         |
| 04/11/91 23:30 | 0.10                         |
| 04/12/91 10:30 | 0.10                         |
| 04/12/91 10:45 | 0.10                         |
| 04/13/91 08:15 | 0.10                         |
| 04/13/91 08:30 | 0.10                         |
| 04/13/91 08:45 | 0.30                         |
| 04/13/91 09:00 | 0.10                         |
| 04/13/91 09:15 | 0.20                         |
| 04/13/91 09:30 | 0.10                         |
| 04/13/91 09:45 | 0.10                         |
| 04/13/91 10:30 | 0.10                         |
| 04/13/91 11:00 | 0.10                         |
| 04/17/91 16:45 | 0.10                         |
| 04/17/91 17:15 | 0.10                         |
| 04/17/91 17:30 | 0.70                         |
| 04/17/91 17:45 | 0.30                         |
| 04/17/91 18:45 | 0.10                         |
| 04/18/91 17:30 | 0.30                         |
| 04/25/91 10:00 | 0.10                         |
| 04/28/91 12:30 | 0.10                         |
| 04/28/91 12:45 | 0.10                         |
| 04/28/91 13:00 | 0.30                         |
| 04/28/91 14:30 | 0.10                         |
| 05/01/91 00:15 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 05/02/91 15:45 | 0.10                         |
| 05/02/91 23:45 | 0.40                         |
| 05/03/91 00:15 | 0.10                         |
| 05/03/91 11:15 | 0.10                         |
| 05/04/91 15:00 | 0.10                         |
| 05/04/91 15:30 | 0.10                         |
| 05/08/91 01:45 | 0.20                         |
| 05/08/91 02:00 | 0.20                         |
| 05/08/91 02:15 | 0.10                         |
| 05/08/91 02:45 | 0.10                         |
| 05/08/91 03:30 | 0.10                         |
| 05/08/91 04:45 | 0.10                         |
| 05/14/91 14:00 | 0.10                         |
| 05/14/91 14:15 | 0.40                         |
| 05/14/91 16:00 | 0.10                         |
| 05/14/91 16:30 | 0.10                         |
| 05/14/91 17:00 | 0.10                         |
| 05/14/91 19:00 | 0.10                         |
| 05/14/91 19:15 | 0.10                         |
| 05/15/91 12:30 | 0.10                         |
| 05/18/91 23:45 | 0.10                         |
| 05/20/91 11:15 | 0.10                         |
| 05/21/91 16:30 | 0.10                         |
| 05/24/91 17:15 | 0.10                         |
| 05/24/91 17:30 | 0.10                         |
| 05/24/91 17:45 | 0.60                         |
| 05/24/91 18:00 | 0.50                         |
| 05/24/91 18:15 | 0.30                         |
| 05/24/91 18:30 | 0.10                         |
| 05/24/91 19:00 | 0.10                         |
| 05/25/91 03:15 | 0.10                         |
| 05/25/91 04:00 | 0.10                         |
| 05/25/91 11:00 | 0.10                         |
| 06/01/91 00:15 | 0.00                         |
| 06/02/91 18:00 | 0.10                         |
| 06/02/91 18:30 | 0.10                         |
| 06/02/91 20:00 | 0.10                         |
| 06/02/91 21:15 | 0.10                         |
| 06/06/91 08:15 | 0.10                         |
| 06/07/91 07:45 | 0.10                         |
| 06/16/91 08:30 | 0.40                         |
| 06/16/91 08:45 | 0.20                         |
| 06/16/91 09:15 | 0.40                         |
| 06/16/91 09:30 | 0.20                         |
| 06/16/91 09:45 | 0.10                         |
| 06/22/91 23:00 | 0.50                         |
| 06/22/91 23:15 | 0.30                         |
| 06/22/91 23:30 | 0.10                         |
| 06/22/91 23:45 | 0.10                         |
| 07/01/91 00:15 | 0.00                         |
| 07/03/91 12:45 | 0.10                         |
| 07/03/91 13:00 | 0.10                         |
| 07/26/91 07:00 | 0.10                         |
| 07/26/91 16:00 | 0.10                         |
| 07/27/91 18:30 | 0.30                         |
| 07/27/91 18:45 | 0.20                         |
| 07/27/91 19:00 | 0.10                         |
| 07/27/91 19:30 | 0.10                         |
| 07/27/91 20:15 | 0.10                         |
| 07/27/91 20:30 | 0.20                         |
| 07/28/91 05:45 | 0.10                         |
| 07/28/91 06:00 | 0.10                         |
| 07/28/91 15:30 | 0.10                         |
| 08/01/91 00:15 | 0.00                         |
| 08/12/91 02:45 | 0.10                         |
| 08/12/91 03:00 | 0.10                         |
| 08/12/91 04:00 | 0.10                         |
| 08/12/91 06:15 | 0.10                         |
| 08/12/91 07:15 | 0.10                         |
| 08/12/91 07:45 | 0.10                         |
| 08/12/91 08:15 | 0.10                         |
| 08/12/91 08:30 | 0.10                         |
| 08/12/91 09:30 | 0.10                         |
| 08/12/91 10:30 | 0.10                         |
| 08/12/91 11:00 | 0.10                         |
| 08/12/91 11:45 | 0.10                         |
| 08/12/91 12:45 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 08/13/91 08:00 | 0.10                         |
| 08/13/91 08:30 | 0.10                         |
| 08/13/91 08:45 | 0.10                         |
| 08/13/91 09:15 | 0.10                         |
| 08/13/91 10:00 | 0.10                         |
| 08/14/91 09:00 | 0.10                         |
| 08/21/91 13:45 | 0.10                         |
| 08/22/91 11:15 | 0.10                         |
| 08/22/91 11:30 | 0.30                         |
| 08/22/91 11:45 | 0.10                         |
| 08/26/91 13:45 | 0.10                         |
| 08/29/91 12:45 | 0.20                         |
| 08/29/91 13:00 | 0.50                         |
| 08/30/91 03:15 | 0.20                         |
| 08/30/91 03:30 | 0.40                         |
| 08/30/91 03:45 | 0.30                         |
| 08/30/91 04:15 | 0.10                         |
| 08/30/91 04:30 | 0.10                         |
| 08/30/91 05:00 | 0.10                         |
| 08/30/91 05:15 | 0.10                         |
| 08/30/91 07:45 | 0.10                         |
| 08/31/91 23:45 | 0.20                         |
| 09/01/91 00:15 | 0.00                         |
| 09/02/91 10:15 | 0.10                         |
| 09/06/91 08:45 | 0.10                         |
| 09/06/91 20:00 | 0.10                         |
| 09/07/91 15:15 | 0.20                         |
| 09/07/91 15:30 | 0.10                         |
| 09/07/91 16:30 | 0.10                         |
| 09/14/91 15:45 | 0.10                         |
| 09/14/91 22:15 | 0.10                         |
| 09/15/91 15:30 | 0.10                         |
| 09/16/91 13:45 | 0.20                         |
| 09/16/91 14:00 | 0.10                         |
| 09/18/91 11:15 | 0.10                         |
| 09/18/91 14:45 | 0.20                         |
| 09/18/91 15:00 | 0.20                         |
| 09/18/91 15:15 | 0.10                         |
| 09/18/91 15:30 | 0.10                         |
| 09/19/91 01:00 | 0.10                         |
| 09/19/91 01:30 | 0.10                         |
| 09/19/91 01:45 | 0.20                         |
| 09/19/91 02:00 | 0.10                         |
| 09/19/91 03:15 | 0.10                         |
| 09/19/91 05:00 | 0.10                         |
| 09/19/91 07:30 | 0.10                         |
| 09/24/91 12:30 | 0.30                         |
| 09/25/91 07:45 | 0.10                         |
| 10/01/91 00:15 | 0.00                         |
| 10/26/91 02:00 | 0.20                         |
| 10/26/91 02:45 | 0.10                         |
| 10/26/91 04:15 | 0.10                         |
| 10/26/91 07:45 | 0.10                         |
| 10/26/91 08:00 | 0.10                         |
| 10/26/91 08:15 | 0.10                         |
| 10/26/91 08:45 | 0.10                         |
| 10/26/91 09:00 | 0.20                         |
| 10/26/91 09:15 | 0.10                         |
| 10/26/91 09:30 | 0.10                         |
| 10/26/91 11:30 | 0.10                         |
| 10/26/91 21:30 | 0.10                         |
| 10/27/91 00:15 | 0.20                         |
| 10/27/91 00:30 | 0.20                         |
| 10/27/91 00:45 | 0.10                         |
| 10/27/91 01:00 | 0.70                         |
| 10/27/91 01:15 | 0.50                         |
| 10/27/91 01:30 | 0.10                         |
| 10/27/91 01:45 | 0.20                         |
| 10/27/91 02:00 | 0.10                         |
| 10/27/91 02:15 | 0.10                         |
| 10/27/91 02:30 | 0.10                         |
| 10/27/91 03:15 | 0.10                         |
| 10/27/91 04:00 | 0.10                         |
| 10/27/91 04:30 | 0.10                         |
| 10/27/91 05:30 | 0.10                         |
| 10/27/91 06:30 | 0.10                         |
| 10/27/91 07:30 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 10/27/91 08:15 | 0.10                         |
| 10/27/91 08:45 | 0.10                         |
| 10/27/91 09:15 | 0.10                         |
| 10/27/91 10:00 | 0.10                         |
| 10/27/91 11:30 | 0.10                         |
| 10/28/91 06:30 | 0.10                         |
| 10/28/91 06:45 | 0.10                         |
| 10/28/91 07:00 | 0.30                         |
| 10/28/91 07:15 | 0.10                         |
| 10/28/91 07:30 | 0.10                         |
| 10/28/91 07:45 | 0.10                         |
| 10/28/91 08:00 | 0.10                         |
| 10/28/91 08:30 | 0.20                         |
| 10/28/91 09:30 | 0.10                         |
| 10/28/91 10:15 | 0.10                         |
| 10/28/91 10:30 | 0.10                         |
| 10/28/91 11:00 | 0.20                         |
| 10/28/91 15:15 | 0.10                         |
| 10/28/91 15:30 | 0.20                         |
| 10/28/91 16:15 | 0.10                         |
| 10/28/91 18:00 | 0.10                         |
| 10/28/91 21:15 | 0.10                         |
| 10/29/91 08:30 | 0.20                         |
| 10/29/91 08:45 | 0.30                         |
| 10/29/91 09:00 | 0.20                         |
| 10/29/91 09:15 | 0.20                         |
| 10/29/91 09:30 | 0.10                         |
| 10/29/91 10:00 | 0.10                         |
| 10/29/91 11:45 | 0.10                         |
| 10/29/91 12:00 | 0.10                         |
| 10/29/91 12:30 | 0.10                         |
| 10/29/91 13:00 | 0.10                         |
| 10/29/91 13:30 | 0.10                         |
| 10/29/91 14:00 | 0.10                         |
| 10/31/91 03:00 | 0.10                         |
| 10/31/91 05:00 | 0.10                         |
| 10/31/91 05:15 | 0.10                         |
| 10/31/91 09:30 | 0.10                         |
| 10/31/91 12:15 | 0.10                         |
| 10/31/91 12:45 | 0.10                         |
| 10/31/91 14:00 | 0.10                         |
| 11/01/91 00:15 | 0.00                         |
| 11/16/91 12:15 | 0.10                         |
| 11/16/91 12:30 | 0.30                         |
| 11/16/91 12:45 | 0.20                         |
| 11/16/91 23:30 | 0.10                         |
| 11/17/91 03:15 | 0.10                         |
| 11/17/91 07:15 | 0.10                         |
| 11/19/91 07:15 | 0.10                         |
| 11/19/91 07:45 | 0.20                         |
| 11/19/91 08:15 | 0.10                         |
| 11/19/91 09:15 | 0.20                         |
| 11/19/91 09:30 | 0.10                         |
| 11/19/91 11:30 | 0.10                         |
| 11/30/91 20:30 | 0.10                         |
| 11/30/91 20:45 | 0.10                         |
| 11/30/91 21:00 | 0.10                         |
| 12/01/91 00:15 | 0.00                         |
| 12/01/91 06:30 | 0.10                         |
| 12/02/91 01:45 | 0.10                         |
| 12/02/91 02:00 | 0.10                         |
| 12/02/91 05:00 | 0.10                         |
| 12/02/91 05:15 | 0.10                         |
| 12/02/91 05:45 | 0.10                         |
| 12/02/91 07:00 | 0.10                         |
| 12/08/91 21:00 | 0.10                         |
| 12/08/91 22:15 | 0.10                         |
| 12/08/91 22:30 | 0.10                         |
| 12/08/91 22:45 | 0.20                         |
| 12/08/91 23:00 | 0.20                         |
| 12/08/91 23:30 | 0.10                         |
| 12/08/91 23:45 | 0.20                         |
| 12/09/91 00:15 | 0.10                         |
| 12/09/91 00:30 | 0.10                         |
| 12/09/91 00:45 | 0.10                         |
| 12/11/91 12:15 | 0.10                         |
| 12/11/91 14:00 | 0.10                         |



| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 12/11/91 14:15 | 0.10                         |
| 12/11/91 14:45 | 0.10                         |
| 12/11/91 15:15 | 0.10                         |
| 12/11/91 15:30 | 0.10                         |
| 12/11/91 16:00 | 0.10                         |
| 12/11/91 16:45 | 0.10                         |
| 12/18/91 09:15 | 0.10                         |
| 12/18/91 16:15 | 0.10                         |
| 12/18/91 20:45 | 0.10                         |
| 12/18/91 23:45 | 0.10                         |
| 12/19/91 00:45 | 0.10                         |
| 12/19/91 02:15 | 0.10                         |
| 12/19/91 03:00 | 0.10                         |
| 12/19/91 03:30 | 0.10                         |
| 12/19/91 03:45 | 0.10                         |
| 12/19/91 10:30 | 0.10                         |
| 12/19/91 11:00 | 0.10                         |
| 12/19/91 11:45 | 0.10                         |
| 12/19/91 16:30 | 0.10                         |
| 12/19/91 17:30 | 0.10                         |
| 12/19/91 17:45 | 0.10                         |
| 12/19/91 18:15 | 0.10                         |
| 12/20/91 08:00 | 0.10                         |
| 12/20/91 09:15 | 0.10                         |
| 12/20/91 10:30 | 0.10                         |
| 12/20/91 11:00 | 0.20                         |
| 12/20/91 11:15 | 0.10                         |
| 12/20/91 11:30 | 0.10                         |
| 12/20/91 11:45 | 0.10                         |
| 12/20/91 12:00 | 0.10                         |
| 12/20/91 12:15 | 0.20                         |
| 12/20/91 12:30 | 0.10                         |
| 12/20/91 12:45 | 0.10                         |
| 12/20/91 13:00 | 0.10                         |
| 12/20/91 13:15 | 0.10                         |
| 12/20/91 13:30 | 0.10                         |
| 12/20/91 13:45 | 0.20                         |
| 12/20/91 14:00 | 0.10                         |
| 12/20/91 14:15 | 0.20                         |
| 12/20/91 14:30 | 0.10                         |
| 12/20/91 14:45 | 0.10                         |
| 12/20/91 15:00 | 0.10                         |
| 12/20/91 15:30 | 0.10                         |
| 12/20/91 16:15 | 0.10                         |
| 12/20/91 17:00 | 0.10                         |
| 12/20/91 17:30 | 0.10                         |
| 12/20/91 18:00 | 0.10                         |
| 12/20/91 18:15 | 0.10                         |
| 12/20/91 18:45 | 0.10                         |
| 12/20/91 19:15 | 0.10                         |
| 12/20/91 20:00 | 0.10                         |
| 12/20/91 20:15 | 0.10                         |
| 12/20/91 20:45 | 0.10                         |
| 12/20/91 21:15 | 0.10                         |
| 12/20/91 22:30 | 0.10                         |
| 12/20/91 23:30 | 0.10                         |
| 12/22/91 08:00 | 0.10                         |
| 12/22/91 10:00 | 0.10                         |
| 12/22/91 11:45 | 0.10                         |
| 12/26/91 06:30 | 0.10                         |
| 12/26/91 09:15 | 0.10                         |
| 12/31/91 23:45 | 0.10                         |
| 01/01/92 00:15 | 0.00                         |
| 01/01/92 01:00 | 0.10                         |
| 01/01/92 01:15 | 0.10                         |
| 01/01/92 04:45 | 0.10                         |
| 01/04/92 12:30 | 0.10                         |
| 01/11/92 15:45 | 0.10                         |
| 01/11/92 20:45 | 0.10                         |
| 01/13/92 05:00 | 0.10                         |
| 01/17/92 09:15 | 0.10                         |
| 01/17/92 14:00 | 0.10                         |
| 01/17/92 18:45 | 0.10                         |
| 01/17/92 23:45 | 0.10                         |
| 01/18/92 02:15 | 0.10                         |
| 01/18/92 04:30 | 0.10                         |
| 01/18/92 08:15 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 01/21/92 14:15 | 0.10                         |
| 01/21/92 17:00 | 0.10                         |
| 01/21/92 18:45 | 0.10                         |
| 01/21/92 19:30 | 0.10                         |
| 01/21/92 21:15 | 0.10                         |
| 01/26/92 15:15 | 0.10                         |
| 01/26/92 16:45 | 0.10                         |
| 01/26/92 17:15 | 0.10                         |
| 01/26/92 18:30 | 0.10                         |
| 01/26/92 20:30 | 0.10                         |
| 01/26/92 21:45 | 0.10                         |
| 01/26/92 22:15 | 0.10                         |
| 01/26/92 23:00 | 0.10                         |
| 01/27/92 00:45 | 0.10                         |
| 01/27/92 01:30 | 0.10                         |
| 01/27/92 03:00 | 0.10                         |
| 01/27/92 06:30 | 0.10                         |
| 01/27/92 16:15 | 0.10                         |
| 01/28/92 02:45 | 0.10                         |
| 02/01/92 00:15 | 0.00                         |
| 02/03/92 13:15 | 0.10                         |
| 02/04/92 00:30 | 0.10                         |
| 02/12/92 12:15 | 0.10                         |
| 02/14/92 08:15 | 0.10                         |
| 02/22/92 02:00 | 0.20                         |
| 02/22/92 03:00 | 0.10                         |
| 02/22/92 12:45 | 0.10                         |
| 02/22/92 14:15 | 0.10                         |
| 02/22/92 15:15 | 0.10                         |
| 02/22/92 17:45 | 0.10                         |
| 02/24/92 15:00 | 0.10                         |
| 02/24/92 15:45 | 0.10                         |
| 02/24/92 16:00 | 0.10                         |
| 02/24/92 16:15 | 0.10                         |
| 02/24/92 16:45 | 0.10                         |
| 02/24/92 17:15 | 0.10                         |
| 02/24/92 18:00 | 0.10                         |
| 02/24/92 19:15 | 0.10                         |
| 02/24/92 20:15 | 0.10                         |
| 02/24/92 20:45 | 0.10                         |
| 02/24/92 21:30 | 0.10                         |
| 02/25/92 05:00 | 0.10                         |
| 02/25/92 06:00 | 0.10                         |
| 02/25/92 08:00 | 0.10                         |
| 03/01/92 00:15 | 0.00                         |
| 03/03/92 20:45 | 0.10                         |
| 03/03/92 22:15 | 0.10                         |
| 03/03/92 23:30 | 0.20                         |
| 03/03/92 23:45 | 0.10                         |
| 03/04/92 00:30 | 0.10                         |
| 03/04/92 00:45 | 0.10                         |
| 03/04/92 01:00 | 0.10                         |
| 03/04/92 18:45 | 0.10                         |
| 03/04/92 19:00 | 0.20                         |
| 03/08/92 16:15 | 0.10                         |
| 03/09/92 01:45 | 0.20                         |
| 03/09/92 02:00 | 0.10                         |
| 03/09/92 02:15 | 0.20                         |
| 03/09/92 02:30 | 0.10                         |
| 03/09/92 04:15 | 0.10                         |
| 03/09/92 05:00 | 0.10                         |
| 03/17/92 16:45 | 0.10                         |
| 03/17/92 17:00 | 0.10                         |
| 03/17/92 17:15 | 0.10                         |
| 03/17/92 21:30 | 0.20                         |
| 03/17/92 22:00 | 0.10                         |
| 03/24/92 19:45 | 0.20                         |
| 03/24/92 20:30 | 0.10                         |
| 03/24/92 20:45 | 0.10                         |
| 03/28/92 06:45 | 0.10                         |
| 04/01/92 00:15 | 0.00                         |
| 04/06/92 01:00 | 0.10                         |
| 04/06/92 01:15 | 0.10                         |
| 04/06/92 05:45 | 0.10                         |
| 04/17/92 13:15 | 0.10                         |
| 04/17/92 14:45 | 0.10                         |
| 04/19/92 11:30 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 04/19/92 13:45 | 0.10                         |
| 04/19/92 14:00 | 0.10                         |
| 04/19/92 14:15 | 0.10                         |
| 04/28/92 22:30 | 0.10                         |
| 04/28/92 22:45 | 0.10                         |
| 04/29/92 00:15 | 0.20                         |
| 04/29/92 08:15 | 0.10                         |
| 05/01/92 00:15 | 0.00                         |
| 05/14/92 09:45 | 0.30                         |
| 05/14/92 10:00 | 0.20                         |
| 05/14/92 10:15 | 0.10                         |
| 05/14/92 10:30 | 0.10                         |
| 05/14/92 11:00 | 0.10                         |
| 05/14/92 11:30 | 0.20                         |
| 05/16/92 09:15 | 0.10                         |
| 05/16/92 13:45 | 0.10                         |
| 05/16/92 15:15 | 0.10                         |
| 05/17/92 01:45 | 0.10                         |
| 05/17/92 04:45 | 0.10                         |
| 05/17/92 09:00 | 0.10                         |
| 05/17/92 09:45 | 0.30                         |
| 05/17/92 10:00 | 0.20                         |
| 05/17/92 10:15 | 0.30                         |
| 05/17/92 10:30 | 0.20                         |
| 05/17/92 10:45 | 0.10                         |
| 05/17/92 11:15 | 0.10                         |
| 05/17/92 14:15 | 0.10                         |
| 05/17/92 20:30 | 0.10                         |
| 05/17/92 21:30 | 0.10                         |
| 05/17/92 22:15 | 0.10                         |
| 05/17/92 22:45 | 0.20                         |
| 05/17/92 23:00 | 0.20                         |
| 05/17/92 23:15 | 0.20                         |
| 05/17/92 23:45 | 0.10                         |
| 05/18/92 00:15 | 0.10                         |
| 05/18/92 00:45 | 0.10                         |
| 05/18/92 01:00 | 0.10                         |
| 05/18/92 01:15 | 0.10                         |
| 05/18/92 03:15 | 0.10                         |
| 05/18/92 04:30 | 0.10                         |
| 05/18/92 05:00 | 0.20                         |
| 05/18/92 05:45 | 0.10                         |
| 05/18/92 22:00 | 0.10                         |
| 05/21/92 16:30 | 0.10                         |
| 05/21/92 17:00 | 0.10                         |
| 05/21/92 17:15 | 0.10                         |
| 05/21/92 18:00 | 0.10                         |
| 05/25/92 06:30 | 0.10                         |
| 05/25/92 07:15 | 0.10                         |
| 05/25/92 16:00 | 0.10                         |
| 05/28/92 04:15 | 0.10                         |
| 05/28/92 05:15 | 0.10                         |
| 05/28/92 05:30 | 0.10                         |
| 05/28/92 05:45 | 0.10                         |
| 05/28/92 06:30 | 0.10                         |
| 05/28/92 07:15 | 0.10                         |
| 05/28/92 10:00 | 0.10                         |
| 05/28/92 14:45 | 0.10                         |
| 05/31/92 02:15 | 0.10                         |
| 06/01/92 00:15 | 0.00                         |
| 06/01/92 07:15 | 0.10                         |
| 06/01/92 07:30 | 0.10                         |
| 06/01/92 09:45 | 0.10                         |
| 06/01/92 17:30 | 0.10                         |
| 06/01/92 17:45 | 0.30                         |
| 06/01/92 18:00 | 0.20                         |
| 06/01/92 18:30 | 0.10                         |
| 06/01/92 22:30 | 0.10                         |
| 06/02/92 02:15 | 0.10                         |
| 06/06/92 00:45 | 0.20                         |
| 06/06/92 01:00 | 0.40                         |
| 06/06/92 01:15 | 0.10                         |
| 06/06/92 09:45 | 0.10                         |
| 06/10/92 20:30 | 0.40                         |
| 06/10/92 20:45 | 0.10                         |
| 06/20/92 04:45 | 0.20                         |
| 06/20/92 05:00 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 06/21/92 09:45 | 0.10                         |
| 06/23/92 19:45 | 0.10                         |
| 06/25/92 04:30 | 0.10                         |
| 06/25/92 05:15 | 0.10                         |
| 06/25/92 05:30 | 0.10                         |
| 06/25/92 05:45 | 0.10                         |
| 06/25/92 06:00 | 0.20                         |
| 06/25/92 06:45 | 0.10                         |
| 06/25/92 21:15 | 0.10                         |
| 06/25/92 21:30 | 0.60                         |
| 06/25/92 21:45 | 0.10                         |
| 06/27/92 12:00 | 0.30                         |
| 06/27/92 12:15 | 0.30                         |
| 06/27/92 12:30 | 0.40                         |
| 06/27/92 13:15 | 0.10                         |
| 06/28/92 03:45 | 0.10                         |
| 06/28/92 04:00 | 0.50                         |
| 06/28/92 04:15 | 0.30                         |
| 06/28/92 04:30 | 0.20                         |
| 06/28/92 05:00 | 0.10                         |
| 06/28/92 19:30 | 0.10                         |
| 06/29/92 03:15 | 0.10                         |
| 06/29/92 03:45 | 0.10                         |
| 06/29/92 04:00 | 0.20                         |
| 06/29/92 04:15 | 0.30                         |
| 06/29/92 04:30 | 0.10                         |
| 07/01/92 00:15 | 0.00                         |
| 07/20/92 07:00 | 0.10                         |
| 07/21/92 12:45 | 0.10                         |
| 07/26/92 15:00 | 0.10                         |
| 07/27/92 00:45 | 0.10                         |
| 07/29/92 22:45 | 0.40                         |
| 07/29/92 23:15 | 0.10                         |
| 07/29/92 23:45 | 0.10                         |
| 07/30/92 00:15 | 0.10                         |
| 07/30/92 00:45 | 0.10                         |
| 07/30/92 01:00 | 0.10                         |
| 07/30/92 05:45 | 0.10                         |
| 07/30/92 07:45 | 0.10                         |
| 07/31/92 18:30 | 0.10                         |
| 08/01/92 00:15 | 0.00                         |
| 08/01/92 14:30 | 0.60                         |
| 08/01/92 14:45 | 0.20                         |
| 08/12/92 11:45 | 0.10                         |
| 08/12/92 16:15 | 0.40                         |
| 08/12/92 16:30 | 0.10                         |
| 08/18/92 15:15 | 0.10                         |
| 08/19/92 03:45 | 0.10                         |
| 08/19/92 04:30 | 0.10                         |
| 08/19/92 04:45 | 0.10                         |
| 08/19/92 05:15 | 0.10                         |
| 08/19/92 06:00 | 0.10                         |
| 08/19/92 06:30 | 0.10                         |
| 08/19/92 08:30 | 0.10                         |
| 08/19/92 11:15 | 0.10                         |
| 09/01/92 00:15 | 0.00                         |
| 09/01/92 12:00 | 0.10                         |
| 09/01/92 12:30 | 0.10                         |
| 09/03/92 00:30 | 0.10                         |
| 09/03/92 00:45 | 0.60                         |
| 09/03/92 01:00 | 0.40                         |
| 09/03/92 01:15 | 0.40                         |
| 09/03/92 01:30 | 0.40                         |
| 09/10/92 12:00 | 0.10                         |
| 09/10/92 14:30 | 0.10                         |
| 09/10/92 15:30 | 0.10                         |
| 09/10/92 15:45 | 0.10                         |
| 09/10/92 16:15 | 0.10                         |
| 09/10/92 17:00 | 0.10                         |
| 09/10/92 19:15 | 0.10                         |
| 09/21/92 00:45 | 0.20                         |
| 09/21/92 01:00 | 0.20                         |
| 09/21/92 01:15 | 0.30                         |
| 09/21/92 01:30 | 0.10                         |
| 09/21/92 02:30 | 0.10                         |
| 10/01/92 00:15 | 0.00                         |
| 10/07/92 16:45 | 0.50                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 10/07/92 17:00 | 0.10                         |
| 10/15/92 19:30 | 0.10                         |
| 10/15/92 19:45 | 0.80                         |
| 10/15/92 20:00 | 0.10                         |
| 10/15/92 20:45 | 0.10                         |
| 10/15/92 21:00 | 0.30                         |
| 10/15/92 21:15 | 0.20                         |
| 10/15/92 22:30 | 0.10                         |
| 10/15/92 23:00 | 0.10                         |
| 10/29/92 00:45 | 0.10                         |
| 10/29/92 03:15 | 0.40                         |
| 10/29/92 09:15 | 0.10                         |
| 10/31/92 20:30 | 0.10                         |
| 11/01/92 00:15 | 0.00                         |
| 11/01/92 00:30 | 0.10                         |
| 11/01/92 00:45 | 0.10                         |
| 11/01/92 01:00 | 0.10                         |
| 11/01/92 02:15 | 0.10                         |
| 11/01/92 02:45 | 0.10                         |
| 11/03/92 13:15 | 0.00                         |
| 12/01/92 00:15 | 0.00                         |
| 12/09/92 01:00 | 0.10                         |
| 12/09/92 01:45 | 0.10                         |
| 12/09/92 02:00 | 0.10                         |
| 12/09/92 02:45 | 0.10                         |
| 12/13/92 08:30 | 0.10                         |
| 12/13/92 18:00 | 0.10                         |
| 12/13/92 18:45 | 0.10                         |
| 12/13/92 19:00 | 0.10                         |
| 12/13/92 20:00 | 0.10                         |
| 12/13/92 20:15 | 0.10                         |
| 12/13/92 21:00 | 0.10                         |
| 12/13/92 22:00 | 0.10                         |
| 12/13/92 22:15 | 0.10                         |
| 12/14/92 01:00 | 0.10                         |
| 12/14/92 01:45 | 0.10                         |
| 12/14/92 02:00 | 0.30                         |
| 12/14/92 02:15 | 0.10                         |
| 12/14/92 02:30 | 0.10                         |
| 12/14/92 02:45 | 0.10                         |
| 12/14/92 03:00 | 0.10                         |
| 12/14/92 03:45 | 0.10                         |
| 12/14/92 04:30 | 0.10                         |
| 12/14/92 05:15 | 0.10                         |
| 12/14/92 05:45 | 0.10                         |
| 12/14/92 06:30 | 0.10                         |
| 12/14/92 12:15 | 0.10                         |
| 12/14/92 19:45 | 0.10                         |
| 12/14/92 23:30 | 0.10                         |
| 12/15/92 00:45 | 0.10                         |
| 12/15/92 01:45 | 0.10                         |
| 12/15/92 02:45 | 0.10                         |
| 12/15/92 03:45 | 0.10                         |
| 12/15/92 05:30 | 0.10                         |
| 12/15/92 07:00 | 0.10                         |
| 12/15/92 08:15 | 0.10                         |
| 12/15/92 10:15 | 0.10                         |
| 12/19/92 13:45 | 0.10                         |
| 12/31/92 09:45 | 0.10                         |
| 01/01/93 00:15 | 0.00                         |
| 01/02/93 14:15 | 0.10                         |
| 01/07/93 07:15 | 0.10                         |
| 01/09/93 03:45 | 0.10                         |
| 01/09/93 04:45 | 0.10                         |
| 01/09/93 06:00 | 0.10                         |
| 01/11/93 00:30 | 0.10                         |
| 01/18/93 20:45 | 0.10                         |
| 01/19/93 09:00 | 0.10                         |
| 01/19/93 17:30 | 0.10                         |
| 01/19/93 22:15 | 0.10                         |
| 01/19/93 22:45 | 0.10                         |
| 01/19/93 23:30 | 0.10                         |
| 01/23/93 17:45 | 0.40                         |
| 01/23/93 18:00 | 0.10                         |
| 01/28/93 17:00 | 0.10                         |
| 01/28/93 18:00 | 0.10                         |
| 01/28/93 19:15 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 01/29/93 05:30 | 0.10                         |
| 01/29/93 14:00 | 0.10                         |
| 02/01/93 00:15 | 0.00                         |
| 02/03/93 06:45 | 0.20                         |
| 02/03/93 08:45 | 0.10                         |
| 02/03/93 12:15 | 0.20                         |
| 02/03/93 12:30 | 0.10                         |
| 02/03/93 13:00 | 0.10                         |
| 02/03/93 13:15 | 0.10                         |
| 02/03/93 13:45 | 0.10                         |
| 02/03/93 14:15 | 0.10                         |
| 02/03/93 14:45 | 0.10                         |
| 02/03/93 16:00 | 0.10                         |
| 02/03/93 19:30 | 0.10                         |
| 02/03/93 20:45 | 0.10                         |
| 02/03/93 21:45 | 0.10                         |
| 02/04/93 00:45 | 0.10                         |
| 02/04/93 03:45 | 0.10                         |
| 02/10/93 04:45 | 0.10                         |
| 02/10/93 05:15 | 0.10                         |
| 02/15/93 03:30 | 0.10                         |
| 02/15/93 06:15 | 0.10                         |
| 02/15/93 06:30 | 0.20                         |
| 02/15/93 07:30 | 0.10                         |
| 02/15/93 07:45 | 0.10                         |
| 02/15/93 08:00 | 0.10                         |
| 02/15/93 08:15 | 0.30                         |
| 02/15/93 08:30 | 0.10                         |
| 02/15/93 12:45 | 0.10                         |
| 02/24/93 16:15 | 0.10                         |
| 02/24/93 17:30 | 0.10                         |
| 02/24/93 19:00 | 0.10                         |
| 02/24/93 22:30 | 0.10                         |
| 02/24/93 22:45 | 0.20                         |
| 02/24/93 23:00 | 0.20                         |
| 02/24/93 23:15 | 0.10                         |
| 02/24/93 23:30 | 0.10                         |
| 02/24/93 23:45 | 0.10                         |
| 02/25/93 01:30 | 0.10                         |
| 02/25/93 03:45 | 0.40                         |
| 02/25/93 04:00 | 0.40                         |
| 02/25/93 04:15 | 0.10                         |
| 02/25/93 04:30 | 0.10                         |
| 02/25/93 06:00 | 0.10                         |
| 03/01/93 00:15 | 0.00                         |
| 03/01/93 05:30 | 0.10                         |
| 03/01/93 07:00 | 0.10                         |
| 03/01/93 08:30 | 0.10                         |
| 03/01/93 09:45 | 0.10                         |
| 03/01/93 10:15 | 0.10                         |
| 03/11/93 21:45 | 0.10                         |
| 03/11/93 22:30 | 0.10                         |
| 03/11/93 23:30 | 0.10                         |
| 03/12/93 00:15 | 0.10                         |
| 03/12/93 00:45 | 0.10                         |
| 03/12/93 01:30 | 0.10                         |
| 03/14/93 14:30 | 0.10                         |
| 03/19/93 05:30 | 0.10                         |
| 03/19/93 13:45 | 0.10                         |
| 03/19/93 14:30 | 0.10                         |
| 03/19/93 15:15 | 0.10                         |
| 03/19/93 16:45 | 0.10                         |
| 03/22/93 02:15 | 0.10                         |
| 03/22/93 04:00 | 0.10                         |
| 03/22/93 06:30 | 0.10                         |
| 03/22/93 07:15 | 0.10                         |
| 03/22/93 08:00 | 0.10                         |
| 03/22/93 08:45 | 0.10                         |
| 03/22/93 09:15 | 0.10                         |
| 03/22/93 10:00 | 0.10                         |
| 03/28/93 09:45 | 0.10                         |
| 03/28/93 10:45 | 0.10                         |
| 04/01/93 00:15 | 0.00                         |
| 04/03/93 23:30 | 0.10                         |
| 04/03/93 23:45 | 0.30                         |
| 04/04/93 00:30 | 0.10                         |
| 04/07/93 06:15 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 04/07/93 06:30 | 0.10                         |
| 04/07/93 06:45 | 0.10                         |
| 04/07/93 07:30 | 0.10                         |
| 04/07/93 08:00 | 0.10                         |
| 04/07/93 09:15 | 0.10                         |
| 04/13/93 16:30 | 0.10                         |
| 04/14/93 05:30 | 0.10                         |
| 04/14/93 05:45 | 0.10                         |
| 04/14/93 06:00 | 0.10                         |
| 04/14/93 06:30 | 0.10                         |
| 04/14/93 07:00 | 0.10                         |
| 04/14/93 07:30 | 0.10                         |
| 04/14/93 07:45 | 0.10                         |
| 04/16/93 14:15 | 0.10                         |
| 04/19/93 17:45 | 0.20                         |
| 04/29/93 02:45 | 0.80                         |
| 04/29/93 03:00 | 0.50                         |
| 04/29/93 03:15 | 0.10                         |
| 04/29/93 03:45 | 0.10                         |
| 04/29/93 04:30 | 0.10                         |
| 04/29/93 05:00 | 0.10                         |
| 04/29/93 12:30 | 0.10                         |
| 05/01/93 00:15 | 0.00                         |
| 05/01/93 23:15 | 0.20                         |
| 05/01/93 23:45 | 0.10                         |
| 05/02/93 00:30 | 0.10                         |
| 05/02/93 00:45 | 0.10                         |
| 05/02/93 01:15 | 0.10                         |
| 05/02/93 15:15 | 0.10                         |
| 05/05/93 16:45 | 0.10                         |
| 05/09/93 12:00 | 0.60                         |
| 05/09/93 12:15 | 0.10                         |
| 05/09/93 14:30 | 0.10                         |
| 05/10/93 18:45 | 0.10                         |
| 05/18/93 13:30 | 0.30                         |
| 05/23/93 07:00 | 0.10                         |
| 05/23/93 14:15 | 0.10                         |
| 05/23/93 14:30 | 0.10                         |
| 05/23/93 14:45 | 0.10                         |
| 05/28/93 12:00 | 0.10                         |
| 05/28/93 14:45 | 0.10                         |
| 05/28/93 15:00 | 0.10                         |
| 05/28/93 15:15 | 0.30                         |
| 05/29/93 14:45 | 0.10                         |
| 05/29/93 15:00 | 0.10                         |
| 05/29/93 15:15 | 0.10                         |
| 06/01/93 00:15 | 0.00                         |
| 06/09/93 18:30 | 0.20                         |
| 06/09/93 18:45 | 0.20                         |
| 06/09/93 19:00 | 0.20                         |
| 06/09/93 19:15 | 0.20                         |
| 06/09/93 20:00 | 0.10                         |
| 06/09/93 20:15 | 0.10                         |
| 06/09/93 21:45 | 0.10                         |
| 06/10/93 00:15 | 0.10                         |
| 06/10/93 00:30 | 0.30                         |
| 06/10/93 00:45 | 0.20                         |
| 06/10/93 01:00 | 0.10                         |
| 06/10/93 01:15 | 0.20                         |
| 06/10/93 01:30 | 0.10                         |
| 06/10/93 02:15 | 0.10                         |
| 06/10/93 02:30 | 0.10                         |
| 06/12/93 19:15 | 0.10                         |
| 06/18/93 13:30 | 0.10                         |
| 06/18/93 13:45 | 0.10                         |
| 06/19/93 16:15 | 0.10                         |
| 06/25/93 17:30 | 0.10                         |
| 06/25/93 17:45 | 0.10                         |
| 06/25/93 18:00 | 0.10                         |
| 06/25/93 18:15 | 0.10                         |
| 06/25/93 19:15 | 0.10                         |
| 06/25/93 20:45 | 0.10                         |
| 07/01/93 00:15 | 0.00                         |
| 08/01/93 00:15 | 0.00                         |
| 08/03/93 17:45 | 0.10                         |
| 08/04/93 15:45 | 0.10                         |
| 08/04/93 16:00 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 08/07/93 06:45 | 0.10                         |
| 08/07/93 07:30 | 0.10                         |
| 08/07/93 07:45 | 0.10                         |
| 08/07/93 11:00 | 0.10                         |
| 09/01/93 00:15 | 0.00                         |
| 09/02/93 08:30 | 0.10                         |
| 09/13/93 06:15 | 0.10                         |
| 09/13/93 07:00 | 0.10                         |
| 09/13/93 07:45 | 0.10                         |
| 09/13/93 14:30 | 0.10                         |
| 09/14/93 01:45 | 0.10                         |
| 09/14/93 02:15 | 0.10                         |
| 09/14/93 02:45 | 0.10                         |
| 09/14/93 03:00 | 0.70                         |
| 09/14/93 06:45 | 0.10                         |
| 09/25/93 13:30 | 0.10                         |
| 09/25/93 16:30 | 0.10                         |
| 09/25/93 16:45 | 0.10                         |
| 09/25/93 17:15 | 0.10                         |
| 09/25/93 18:45 | 0.10                         |
| 09/26/93 01:15 | 0.10                         |
| 09/26/93 01:45 | 0.20                         |
| 09/26/93 02:00 | 0.10                         |
| 10/01/93 00:15 | 0.00                         |
| 10/02/93 17:15 | 0.30                         |
| 10/02/93 17:30 | 0.70                         |
| 10/02/93 17:45 | 0.10                         |
| 10/03/93 02:15 | 0.20                         |
| 10/03/93 04:00 | 0.10                         |
| 10/03/93 05:45 | 0.10                         |
| 10/12/93 22:15 | 0.10                         |
| 10/12/93 22:45 | 0.10                         |
| 10/12/93 23:00 | 0.40                         |
| 10/12/93 23:15 | 0.50                         |
| 10/12/93 23:30 | 0.10                         |
| 10/13/93 02:45 | 0.10                         |
| 10/13/93 03:15 | 0.10                         |
| 10/13/93 03:45 | 0.10                         |
| 10/13/93 04:15 | 0.10                         |
| 10/16/93 19:00 | 0.10                         |
| 10/17/93 21:15 | 0.10                         |
| 10/17/93 23:00 | 0.10                         |
| 10/17/93 23:30 | 0.30                         |
| 10/18/93 00:30 | 0.20                         |
| 10/18/93 01:00 | 0.20                         |
| 10/18/93 18:15 | 0.10                         |
| 10/18/93 18:30 | 0.10                         |
| 10/18/93 18:45 | 0.10                         |
| 10/18/93 20:30 | 0.10                         |
| 10/18/93 21:00 | 0.30                         |
| 10/18/93 22:15 | 0.10                         |
| 10/19/93 04:45 | 0.10                         |
| 10/19/93 05:00 | 0.20                         |
| 10/19/93 05:15 | 0.10                         |
| 10/19/93 06:15 | 0.10                         |
| 10/19/93 06:45 | 0.20                         |
| 10/19/93 07:00 | 0.30                         |
| 10/19/93 16:00 | 0.10                         |
| 10/19/93 16:15 | 0.10                         |
| 10/19/93 21:15 | 0.10                         |
| 10/19/93 23:15 | 0.10                         |
| 10/31/93 11:45 | 0.10                         |
| 11/01/93 00:15 | 0.00                         |
| 11/02/93 07:15 | 0.10                         |
| 11/02/93 16:00 | 0.10                         |
| 11/14/93 02:45 | 0.10                         |
| 11/14/93 03:00 | 0.10                         |
| 11/14/93 03:15 | 0.10                         |
| 11/14/93 04:15 | 0.10                         |
| 11/16/93 05:45 | 0.10                         |
| 11/16/93 07:30 | 0.10                         |
| 11/16/93 07:45 | 0.10                         |
| 11/16/93 08:30 | 0.10                         |
| 11/16/93 09:30 | 0.10                         |
| 11/16/93 10:15 | 0.10                         |
| 11/16/93 10:45 | 0.10                         |
| 11/25/93 11:45 | 0.10                         |



| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 11/25/93 12:15 | 0.10                         |
| 11/25/93 14:15 | 0.10                         |
| 11/25/93 15:15 | 0.10                         |
| 11/25/93 16:00 | 0.10                         |
| 11/25/93 18:45 | 0.10                         |
| 12/01/93 00:15 | 0.00                         |
| 12/02/93 10:15 | 0.10                         |
| 12/02/93 16:45 | 0.10                         |
| 12/02/93 18:45 | 0.30                         |
| 12/02/93 19:00 | 0.10                         |
| 12/02/93 19:15 | 0.10                         |
| 12/02/93 21:30 | 0.10                         |
| 12/02/93 22:30 | 0.10                         |
| 12/02/93 23:15 | 0.10                         |
| 12/03/93 00:15 | 0.10                         |
| 12/03/93 00:30 | 0.10                         |
| 12/03/93 11:30 | 0.10                         |
| 12/03/93 12:15 | 0.20                         |
| 12/03/93 13:15 | 0.10                         |
| 12/12/93 21:30 | 0.10                         |
| 12/12/93 22:45 | 0.30                         |
| 12/12/93 23:00 | 0.10                         |
| 12/12/93 23:30 | 0.10                         |
| 12/22/93 02:45 | 0.10                         |
| 12/22/93 12:30 | 0.10                         |
| 01/01/94 00:15 | 0.00                         |
| 01/11/94 06:45 | 0.10                         |
| 01/16/94 22:00 | 0.30                         |
| 01/16/94 22:15 | 0.10                         |
| 01/21/94 05:15 | 0.10                         |
| 01/22/94 13:45 | 0.10                         |
| 01/22/94 19:00 | 0.10                         |
| 01/24/94 06:15 | 0.10                         |
| 02/01/94 00:15 | 0.00                         |
| 02/10/94 06:15 | 0.10                         |
| 02/20/94 01:45 | 0.10                         |
| 02/20/94 03:15 | 0.10                         |
| 02/21/94 20:00 | 0.10                         |
| 02/21/94 20:15 | 0.10                         |
| 02/22/94 00:15 | 0.10                         |
| 02/22/94 00:45 | 0.20                         |
| 02/22/94 01:00 | 0.10                         |
| 02/22/94 01:15 | 0.10                         |
| 02/22/94 01:45 | 0.10                         |
| 02/22/94 02:15 | 0.10                         |
| 02/22/94 06:30 | 0.10                         |
| 02/22/94 10:15 | 0.10                         |
| 02/28/94 18:30 | 0.10                         |
| 02/28/94 18:45 | 0.10                         |
| 02/28/94 19:00 | 0.10                         |
| 02/28/94 20:15 | 0.10                         |
| 02/28/94 21:45 | 0.10                         |
| 03/01/94 00:15 | 0.00                         |
| 03/01/94 03:15 | 0.10                         |
| 03/01/94 08:45 | 0.00                         |
| 03/08/94 11:30 | 0.10                         |
| 03/08/94 12:30 | 0.10                         |
| 03/08/94 13:30 | 0.10                         |
| 03/08/94 15:30 | 0.10                         |
| 03/08/94 16:00 | 0.10                         |
| 03/08/94 17:00 | 0.10                         |
| 03/08/94 18:00 | 0.20                         |
| 03/08/94 18:15 | 0.10                         |
| 03/08/94 19:00 | 0.10                         |
| 03/12/94 21:30 | 0.10                         |
| 03/24/94 13:15 | 0.10                         |
| 03/26/94 17:30 | 0.40                         |
| 03/29/94 12:00 | 0.10                         |
| 04/01/94 00:15 | 0.00                         |
| 04/02/94 20:30 | 0.20                         |
| 04/02/94 20:45 | 0.20                         |
| 04/11/94 12:45 | 0.10                         |
| 04/11/94 13:30 | 0.20                         |
| 04/20/94 14:00 | 0.10                         |
| 04/20/94 17:15 | 0.10                         |
| 04/20/94 17:30 | 0.20                         |
| 04/21/94 15:00 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 04/25/94 18:45 | 0.10                         |
| 04/25/94 19:00 | 0.30                         |
| 04/25/94 19:45 | 0.10                         |
| 04/26/94 10:15 | 0.10                         |
| 04/28/94 07:45 | 0.10                         |
| 04/29/94 01:15 | 0.10                         |
| 04/29/94 01:30 | 0.20                         |
| 04/29/94 02:45 | 0.10                         |
| 04/29/94 03:15 | 0.10                         |
| 04/29/94 04:45 | 0.10                         |
| 04/29/94 05:00 | 0.10                         |
| 04/29/94 08:00 | 0.10                         |
| 04/29/94 09:30 | 0.10                         |
| 04/29/94 12:15 | 0.10                         |
| 04/29/94 17:45 | 0.10                         |
| 04/29/94 18:15 | 0.10                         |
| 04/29/94 22:30 | 0.20                         |
| 04/29/94 22:45 | 0.30                         |
| 04/29/94 23:00 | 0.10                         |
| 05/01/94 00:15 | 0.00                         |
| 05/02/94 03:15 | 0.40                         |
| 05/02/94 03:30 | 0.10                         |
| 05/02/94 03:45 | 0.10                         |
| 05/02/94 13:45 | 0.10                         |
| 05/02/94 15:00 | 0.10                         |
| 05/02/94 16:15 | 0.10                         |
| 05/02/94 16:30 | 0.10                         |
| 05/02/94 17:00 | 0.10                         |
| 05/02/94 18:15 | 0.10                         |
| 05/09/94 12:15 | 0.10                         |
| 05/09/94 12:45 | 0.10                         |
| 05/09/94 13:00 | 0.10                         |
| 05/09/94 14:15 | 0.10                         |
| 05/10/94 21:00 | 0.10                         |
| 05/11/94 20:00 | 0.10                         |
| 05/11/94 22:30 | 0.50                         |
| 05/11/94 22:45 | 0.10                         |
| 05/11/94 23:45 | 0.10                         |
| 05/12/94 02:00 | 0.10                         |
| 05/12/94 04:30 | 0.10                         |
| 05/12/94 10:00 | 0.10                         |
| 05/13/94 04:15 | 0.10                         |
| 05/13/94 04:30 | 0.20                         |
| 05/13/94 05:30 | 0.10                         |
| 05/13/94 17:00 | 0.10                         |
| 05/14/94 19:00 | 0.10                         |
| 05/14/94 19:30 | 0.10                         |
| 05/14/94 20:00 | 0.10                         |
| 05/25/94 02:30 | 0.10                         |
| 05/25/94 05:30 | 0.10                         |
| 05/26/94 02:15 | 0.10                         |
| 05/26/94 02:30 | 0.50                         |
| 05/26/94 14:45 | 0.10                         |
| 05/27/94 09:15 | 0.10                         |
| 05/29/94 09:45 | 0.30                         |
| 05/29/94 10:00 | 0.50                         |
| 05/29/94 10:15 | 0.10                         |
| 05/30/94 14:30 | 0.00                         |
| 06/01/94 00:15 | 0.00                         |
| 06/11/94 13:15 | 0.10                         |
| 06/11/94 13:45 | 0.10                         |
| 06/11/94 15:15 | 0.10                         |
| 06/15/94 05:00 | 0.10                         |
| 06/15/94 05:15 | 0.10                         |
| 06/15/94 06:00 | 0.10                         |
| 06/15/94 09:30 | 0.10                         |
| 06/15/94 09:45 | 0.10                         |
| 06/15/94 10:00 | 0.10                         |
| 06/15/94 10:15 | 0.10                         |
| 06/15/94 10:45 | 0.10                         |
| 06/15/94 14:00 | 0.10                         |
| 06/15/94 14:15 | 0.10                         |
| 06/18/94 15:30 | 0.20                         |
| 06/18/94 15:45 | 0.20                         |
| 06/18/94 16:00 | 0.30                         |
| 06/18/94 16:15 | 0.10                         |
| 06/30/94 04:30 | 0.20                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 06/30/94 04:45 | 0.10                         |
| 06/30/94 06:45 | 0.10                         |
| 07/01/94 00:15 | 0.00                         |
| 07/07/94 10:15 | 0.40                         |
| 07/08/94 02:30 | 0.10                         |
| 07/08/94 02:45 | 0.20                         |
| 07/08/94 03:00 | 0.30                         |
| 07/08/94 03:15 | 0.10                         |
| 07/10/94 20:15 | 0.30                         |
| 07/10/94 20:30 | 0.50                         |
| 07/10/94 20:45 | 0.50                         |
| 07/10/94 21:00 | 0.20                         |
| 07/10/94 21:30 | 0.10                         |
| 07/10/94 21:45 | 0.20                         |
| 07/10/94 22:15 | 0.10                         |
| 07/11/94 01:15 | 0.30                         |
| 07/11/94 01:30 | 0.50                         |
| 07/11/94 02:00 | 0.10                         |
| 07/11/94 02:45 | 0.10                         |
| 07/11/94 03:00 | 0.50                         |
| 07/11/94 03:15 | 0.10                         |
| 07/11/94 03:30 | 0.10                         |
| 07/11/94 05:15 | 0.10                         |
| 07/12/94 06:00 | 0.10                         |
| 07/12/94 08:15 | 0.20                         |
| 07/12/94 09:00 | 0.10                         |
| 07/12/94 15:00 | 0.10                         |
| 07/14/94 15:30 | 0.10                         |
| 07/30/94 12:45 | 0.10                         |
| 08/01/94 00:15 | 0.00                         |
| 08/04/94 15:30 | 0.10                         |
| 08/07/94 16:15 | 0.20                         |
| 08/07/94 17:30 | 0.10                         |
| 08/15/94 06:00 | 0.20                         |
| 08/15/94 06:15 | 0.10                         |
| 08/16/94 17:00 | 0.10                         |
| 08/20/94 17:45 | 0.20                         |
| 08/20/94 18:00 | 0.10                         |
| 08/20/94 18:45 | 0.10                         |
| 08/31/94 16:00 | 0.10                         |
| 08/31/94 16:15 | 0.10                         |
| 08/31/94 16:30 | 0.10                         |
| 08/31/94 17:00 | 0.10                         |
| 08/31/94 17:15 | 0.20                         |
| 08/31/94 17:30 | 0.10                         |
| 08/31/94 18:15 | 0.10                         |
| 08/31/94 18:45 | 0.10                         |
| 08/31/94 19:00 | 0.10                         |
| 08/31/94 19:45 | 0.10                         |
| 08/31/94 21:30 | 0.10                         |
| 08/31/94 22:00 | 0.10                         |
| 08/31/94 22:15 | 0.30                         |
| 08/31/94 22:30 | 0.10                         |
| 08/31/94 23:45 | 0.10                         |
| 09/01/94 00:15 | 0.00                         |
| 09/01/94 08:00 | 0.10                         |
| 09/01/94 18:15 | 0.10                         |
| 09/01/94 18:30 | 0.10                         |
| 09/02/94 11:00 | 0.10                         |
| 09/02/94 12:15 | 0.40                         |
| 09/02/94 12:30 | 0.10                         |
| 09/03/94 14:00 | 0.10                         |
| 09/08/94 12:00 | 0.50                         |
| 09/08/94 12:15 | 0.80                         |
| 09/08/94 12:30 | 0.10                         |
| 09/13/94 16:00 | 0.10                         |
| 11/01/94 00:15 | 0.00                         |
| 11/03/94 00:15 | 0.10                         |
| 11/03/94 13:00 | 0.10                         |
| 11/03/94 15:15 | 0.10                         |
| 11/03/94 16:45 | 0.10                         |
| 11/03/94 23:15 | 0.10                         |
| 11/04/94 21:30 | 0.10                         |
| 11/04/94 21:45 | 0.10                         |
| 11/04/94 22:00 | 0.40                         |
| 11/04/94 22:15 | 0.60                         |
| 11/04/94 22:30 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 11/04/94 23:30 | 0.10                         |
| 11/05/94 00:15 | 0.10                         |
| 11/05/94 00:30 | 0.10                         |
| 11/05/94 00:45 | 0.10                         |
| 11/05/94 01:15 | 0.10                         |
| 11/05/94 01:45 | 0.10                         |
| 11/09/94 05:45 | 0.10                         |
| 11/09/94 06:45 | 0.10                         |
| 11/09/94 07:45 | 0.10                         |
| 11/09/94 09:15 | 0.10                         |
| 11/09/94 09:45 | 0.10                         |
| 11/09/94 10:00 | 0.10                         |
| 11/11/94 13:30 | 0.00                         |
| 11/14/94 11:30 | 0.20                         |
| 11/14/94 11:45 | 0.10                         |
| 11/14/94 14:00 | 0.10                         |
| 11/14/94 15:00 | 0.10                         |
| 11/14/94 15:30 | 0.30                         |
| 11/14/94 15:45 | 0.20                         |
| 11/14/94 16:00 | 0.10                         |
| 11/14/94 16:30 | 0.10                         |
| 11/14/94 17:30 | 0.10                         |
| 11/14/94 19:15 | 0.10                         |
| 11/14/94 20:45 | 0.10                         |
| 11/14/94 21:00 | 0.10                         |
| 11/14/94 21:30 | 0.10                         |
| 11/14/94 22:00 | 0.10                         |
| 11/14/94 23:15 | 0.10                         |
| 11/15/94 02:15 | 0.10                         |
| 11/15/94 07:00 | 0.10                         |
| 11/18/94 22:30 | 0.10                         |
| 11/18/94 23:00 | 0.10                         |
| 11/19/94 11:30 | 0.10                         |
| 11/19/94 13:00 | 0.10                         |
| 11/20/94 04:15 | 0.10                         |
| 11/20/94 06:45 | 0.10                         |
| 11/20/94 07:00 | 0.10                         |
| 11/20/94 08:45 | 0.10                         |
| 12/01/94 00:15 | 0.00                         |
| 12/02/94 12:30 | 0.10                         |
| 12/03/94 04:00 | 0.10                         |
| 12/08/94 08:15 | 0.10                         |
| 12/08/94 08:30 | 0.10                         |
| 12/08/94 08:45 | 0.10                         |
| 12/08/94 14:30 | 0.10                         |
| 12/09/94 11:00 | 0.10                         |
| 12/09/94 11:45 | 0.10                         |
| 12/09/94 12:45 | 0.10                         |
| 12/09/94 15:45 | 0.10                         |
| 12/09/94 16:45 | 0.10                         |
| 12/09/94 18:30 | 0.10                         |
| 12/09/94 21:00 | 0.10                         |
| 12/13/94 22:30 | 0.10                         |
| 12/14/94 03:15 | 0.10                         |
| 12/15/94 23:30 | 0.10                         |
| 12/27/94 19:45 | 0.10                         |
| 12/27/94 21:00 | 0.10                         |
| 12/27/94 21:45 | 0.10                         |
| 12/27/94 22:30 | 0.10                         |
| 12/28/94 12:00 | 0.10                         |
| 12/28/94 16:15 | 0.10                         |
| 12/31/94 09:45 | 0.10                         |
| 12/31/94 12:15 | 0.10                         |
| 01/01/95 00:15 | 0.00                         |
| 01/03/95 09:15 | 0.10                         |
| 01/06/95 03:45 | 0.10                         |
| 01/12/95 19:15 | 0.10                         |
| 01/17/95 01:00 | 0.20                         |
| 01/17/95 01:30 | 0.10                         |
| 01/18/95 04:00 | 0.10                         |
| 01/18/95 06:00 | 0.10                         |
| 01/18/95 08:15 | 0.10                         |
| 01/18/95 12:00 | 0.10                         |
| 01/18/95 14:00 | 0.10                         |
| 01/22/95 08:45 | 0.10                         |
| 01/22/95 10:15 | 0.10                         |
| 01/23/95 13:30 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 01/26/95 10:15 | 0.20                         |
| 01/26/95 10:45 | 0.10                         |
| 01/26/95 11:00 | 0.10                         |
| 01/26/95 11:15 | 0.10                         |
| 01/26/95 11:45 | 0.10                         |
| 02/01/95 00:15 | 0.00                         |
| 02/11/95 05:15 | 0.10                         |
| 02/11/95 06:15 | 0.10                         |
| 02/14/95 04:15 | 0.10                         |
| 02/15/95 12:45 | 0.00                         |
| 02/16/95 05:00 | 0.10                         |
| 02/28/95 13:45 | 0.10                         |
| 03/01/95 00:15 | 0.00                         |
| 03/02/95 12:00 | 0.10                         |
| 03/02/95 23:15 | 0.10                         |
| 03/06/95 21:45 | 0.30                         |
| 03/06/95 22:00 | 0.10                         |
| 03/07/95 01:00 | 0.10                         |
| 03/07/95 01:15 | 0.10                         |
| 03/07/95 02:30 | 0.10                         |
| 03/07/95 03:15 | 0.10                         |
| 03/12/95 18:15 | 0.10                         |
| 03/12/95 18:30 | 0.10                         |
| 03/12/95 18:45 | 0.20                         |
| 03/12/95 19:00 | 0.10                         |
| 03/12/95 20:15 | 0.20                         |
| 03/12/95 23:45 | 0.10                         |
| 03/13/95 00:15 | 0.10                         |
| 03/13/95 00:30 | 0.10                         |
| 03/13/95 00:45 | 0.20                         |
| 03/13/95 01:00 | 0.40                         |
| 03/13/95 01:15 | 0.40                         |
| 03/13/95 01:30 | 0.20                         |
| 03/13/95 01:45 | 0.30                         |
| 03/13/95 02:00 | 0.10                         |
| 03/13/95 02:15 | 0.10                         |
| 03/13/95 02:45 | 0.10                         |
| 03/13/95 03:15 | 0.10                         |
| 03/13/95 03:45 | 0.10                         |
| 03/13/95 04:00 | 0.10                         |
| 03/13/95 04:45 | 0.10                         |
| 03/13/95 05:00 | 0.10                         |
| 03/13/95 06:15 | 0.10                         |
| 03/13/95 06:30 | 0.10                         |
| 03/13/95 07:00 | 0.10                         |
| 03/13/95 07:15 | 0.10                         |
| 03/13/95 11:30 | 0.10                         |
| 03/13/95 17:30 | 0.10                         |
| 03/13/95 18:00 | 0.10                         |
| 03/13/95 23:00 | 0.10                         |
| 03/15/95 09:00 | 0.10                         |
| 03/15/95 18:45 | 0.10                         |
| 03/25/95 16:45 | 0.10                         |
| 03/25/95 17:00 | 0.10                         |
| 03/25/95 17:45 | 0.10                         |
| 03/25/95 18:00 | 0.40                         |
| 03/25/95 18:15 | 0.10                         |
| 03/25/95 18:30 | 0.10                         |
| 03/25/95 21:30 | 0.10                         |
| 03/29/95 11:15 | 0.10                         |
| 04/01/95 00:15 | 0.00                         |
| 04/03/95 23:30 | 0.40                         |
| 04/03/95 23:45 | 0.10                         |
| 04/04/95 00:30 | 0.10                         |
| 04/04/95 01:00 | 0.10                         |
| 04/04/95 01:30 | 0.10                         |
| 04/04/95 02:00 | 0.10                         |
| 04/04/95 02:15 | 0.10                         |
| 04/04/95 02:30 | 0.10                         |
| 04/04/95 09:30 | 0.10                         |
| 04/05/95 05:45 | 0.10                         |
| 04/05/95 06:15 | 0.10                         |
| 04/05/95 06:30 | 0.10                         |
| 04/05/95 06:45 | 0.10                         |
| 04/05/95 07:15 | 0.10                         |
| 04/05/95 07:30 | 0.10                         |
| 04/05/95 07:45 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 04/05/95 08:15 | 0.10                         |
| 04/05/95 09:00 | 0.10                         |
| 04/05/95 10:00 | 0.10                         |
| 04/05/95 10:30 | 0.10                         |
| 04/05/95 11:15 | 0.10                         |
| 04/05/95 11:45 | 0.10                         |
| 04/10/95 08:30 | 0.10                         |
| 04/10/95 13:45 | 0.10                         |
| 04/10/95 14:30 | 0.20                         |
| 04/10/95 14:45 | 0.20                         |
| 04/10/95 15:00 | 0.10                         |
| 04/14/95 10:30 | 0.10                         |
| 04/17/95 22:00 | 0.10                         |
| 04/17/95 22:15 | 0.10                         |
| 04/18/95 10:15 | 0.10                         |
| 04/19/95 13:00 | 0.20                         |
| 04/19/95 13:30 | 0.30                         |
| 04/19/95 14:30 | 0.10                         |
| 04/19/95 20:45 | 0.10                         |
| 04/19/95 21:00 | 0.10                         |
| 04/22/95 15:30 | 0.20                         |
| 04/22/95 17:00 | 0.20                         |
| 04/29/95 21:00 | 0.10                         |
| 04/29/95 21:45 | 0.10                         |
| 06/01/95 00:15 | 0.00                         |
| 06/10/95 12:30 | 0.20                         |
| 06/10/95 12:45 | 0.10                         |
| 06/10/95 13:00 | 0.10                         |
| 06/10/95 20:15 | 0.10                         |
| 06/10/95 20:30 | 0.10                         |
| 06/10/95 20:45 | 0.40                         |
| 06/10/95 21:30 | 0.10                         |
| 06/10/95 22:15 | 0.10                         |
| 06/10/95 22:45 | 0.10                         |
| 06/10/95 23:00 | 0.10                         |
| 06/10/95 23:30 | 0.10                         |
| 06/11/95 00:45 | 0.10                         |
| 06/11/95 02:15 | 0.10                         |
| 06/27/95 16:00 | 0.10                         |
| 06/27/95 17:00 | 0.10                         |
| 06/29/95 22:00 | 0.10                         |
| 07/01/95 00:15 | 0.00                         |
| 07/02/95 13:00 | 0.20                         |
| 07/02/95 13:15 | 0.10                         |
| 07/02/95 15:00 | 0.10                         |
| 07/05/95 00:15 | 0.10                         |
| 07/05/95 01:00 | 0.10                         |
| 07/05/95 02:30 | 0.10                         |
| 07/05/95 02:45 | 0.60                         |
| 07/05/95 04:15 | 0.20                         |
| 07/05/95 04:30 | 0.20                         |
| 07/05/95 06:00 | 0.10                         |
| 07/05/95 10:00 | 0.10                         |
| 07/06/95 19:30 | 0.10                         |
| 07/07/95 09:15 | 0.10                         |
| 07/15/95 09:00 | 0.10                         |
| 07/23/95 07:15 | 0.10                         |
| 07/23/95 08:15 | 0.10                         |
| 07/23/95 09:15 | 0.10                         |
| 07/31/95 07:30 | 0.10                         |
| 07/31/95 09:00 | 0.10                         |
| 07/31/95 11:15 | 0.10                         |
| 07/31/95 11:30 | 0.10                         |
| 07/31/95 15:45 | 0.10                         |
| 07/31/95 16:30 | 0.10                         |
| 07/31/95 19:00 | 0.10                         |
| 08/01/95 00:15 | 0.00                         |
| 08/01/95 03:15 | 0.10                         |
| 08/01/95 07:00 | 0.20                         |
| 08/01/95 07:15 | 0.10                         |
| 08/01/95 17:30 | 0.10                         |
| 08/02/95 11:00 | 0.20                         |
| 08/02/95 11:15 | 0.10                         |
| 08/02/95 13:45 | 0.10                         |
| 08/03/95 08:15 | 0.10                         |
| 08/20/95 16:00 | 0.10                         |
| 09/01/95 00:15 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 09/05/95 07:45 | 0.00                         |
| 10/01/95 00:15 | 0.00                         |
| 10/01/95 07:15 | 0.00                         |
| 10/03/95 10:30 | 0.10                         |
| 10/22/95 21:30 | 0.10                         |
| 10/31/95 10:15 | 0.10                         |
| 11/01/95 00:15 | 0.00                         |
| 11/01/95 02:00 | 0.50                         |
| 11/01/95 02:15 | 0.40                         |
| 11/01/95 02:30 | 0.20                         |
| 11/01/95 03:00 | 0.10                         |
| 11/06/95 12:45 | 0.10                         |
| 12/01/95 00:15 | 0.00                         |
| 12/08/95 03:30 | 0.10                         |
| 12/08/95 05:45 | 0.10                         |
| 12/08/95 06:30 | 0.10                         |
| 12/17/95 01:00 | 0.20                         |
| 12/17/95 01:15 | 0.20                         |
| 12/17/95 02:30 | 0.10                         |
| 12/17/95 02:45 | 0.10                         |
| 12/17/95 03:00 | 0.10                         |
| 12/17/95 13:15 | 0.10                         |
| 12/17/95 13:45 | 0.10                         |
| 12/17/95 17:30 | 0.10                         |
| 12/18/95 03:00 | 0.10                         |
| 12/18/95 06:30 | 0.10                         |
| 12/18/95 07:15 | 0.10                         |
| 12/18/95 08:45 | 0.10                         |
| 12/18/95 14:00 | 0.10                         |
| 12/30/95 01:00 | 0.10                         |
| 12/30/95 03:00 | 0.10                         |
| 12/30/95 14:00 | 0.10                         |
| 01/01/96 00:15 | 0.00                         |
| 01/01/96 08:15 | 0.00                         |
| 01/01/96 08:30 | 0.00                         |
| 02/01/96 00:15 | 0.00                         |
| 02/03/96 11:00 | 0.00                         |
| 02/03/96 11:15 | 0.00                         |
| 02/03/96 11:30 | 0.00                         |
| 02/03/96 15:15 | 0.10                         |
| 02/21/96 10:30 | 0.00                         |
| 02/21/96 13:45 | 0.10                         |
| 02/27/96 12:30 | 0.10                         |
| 02/28/96 05:15 | 0.00                         |
| 03/01/96 00:15 | 0.00                         |
| 03/01/96 13:00 | 0.10                         |
| 03/04/96 06:30 | 0.00                         |
| 03/04/96 07:15 | 0.00                         |
| 03/18/96 04:45 | 0.10                         |
| 03/18/96 05:00 | 0.10                         |
| 03/18/96 05:45 | 0.10                         |
| 03/18/96 06:15 | 0.10                         |
| 03/18/96 07:15 | 0.10                         |
| 03/24/96 16:15 | 0.40                         |
| 03/24/96 16:30 | 0.20                         |
| 03/24/96 16:45 | 0.10                         |
| 03/27/96 08:30 | 0.10                         |
| 03/27/96 15:00 | 0.10                         |
| 03/27/96 15:45 | 0.10                         |
| 03/27/96 16:15 | 0.10                         |
| 03/27/96 17:00 | 0.10                         |
| 03/27/96 18:00 | 0.10                         |
| 03/28/96 01:00 | 0.10                         |
| 04/01/96 00:15 | 0.00                         |
| 04/02/96 07:15 | 0.00                         |
| 04/02/96 07:45 | 0.00                         |
| 04/02/96 08:30 | 0.10                         |
| 04/05/96 01:00 | 0.10                         |
| 04/05/96 02:15 | 0.10                         |
| 04/05/96 02:30 | 0.10                         |
| 04/05/96 03:15 | 0.10                         |
| 04/05/96 04:45 | 0.10                         |
| 04/05/96 08:15 | 0.10                         |
| 04/05/96 09:15 | 0.10                         |
| 04/05/96 09:45 | 0.10                         |
| 04/05/96 10:30 | 0.10                         |
| 04/05/96 11:15 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 04/05/96 13:15 | 0.10                         |
| 04/05/96 14:30 | 0.10                         |
| 04/05/96 15:30 | 0.10                         |
| 04/05/96 16:45 | 0.10                         |
| 04/07/96 12:15 | 0.10                         |
| 04/08/96 09:45 | 0.00                         |
| 04/09/96 10:00 | 0.00                         |
| 04/10/96 10:45 | 0.00                         |
| 04/11/96 03:00 | 0.00                         |
| 04/11/96 07:45 | 0.10                         |
| 04/12/96 17:15 | 0.10                         |
| 04/12/96 18:00 | 0.10                         |
| 04/22/96 07:45 | 0.10                         |
| 04/22/96 08:45 | 0.10                         |
| 04/22/96 09:15 | 0.10                         |
| 04/22/96 09:30 | 0.10                         |
| 04/22/96 10:00 | 0.10                         |
| 04/23/96 18:45 | 0.00                         |
| 04/24/96 12:45 | 0.10                         |
| 04/25/96 11:45 | 0.00                         |
| 04/26/96 11:30 | 0.00                         |
| 04/27/96 12:30 | 0.00                         |
| 04/28/96 10:45 | 0.00                         |
| 04/29/96 02:15 | 0.00                         |
| 04/30/96 08:15 | 0.00                         |
| 05/01/96 00:15 | 0.00                         |
| 05/03/96 06:00 | 0.00                         |
| 05/03/96 06:30 | 0.00                         |
| 05/10/96 21:15 | 0.10                         |
| 05/10/96 21:30 | 0.30                         |
| 05/10/96 21:45 | 0.10                         |
| 05/11/96 12:45 | 0.10                         |
| 05/11/96 21:00 | 0.00                         |
| 05/12/96 08:15 | 0.10                         |
| 05/28/96 16:15 | 0.10                         |
| 05/29/96 12:00 | 0.10                         |
| 05/30/96 10:15 | 0.00                         |
| 05/31/96 00:15 | 0.00                         |
| 06/01/96 00:15 | 0.00                         |
| 06/01/96 09:45 | 0.10                         |
| 06/01/96 10:00 | 0.70                         |
| 06/01/96 10:15 | 0.20                         |
| 06/01/96 10:45 | 0.10                         |
| 06/01/96 11:30 | 0.10                         |
| 06/03/96 05:15 | 0.00                         |
| 06/03/96 06:00 | 0.00                         |
| 06/04/96 02:00 | 0.10                         |
| 06/04/96 02:45 | 0.10                         |
| 06/06/96 22:30 | 0.10                         |
| 06/06/96 22:45 | 0.40                         |
| 06/06/96 23:00 | 0.10                         |
| 06/10/96 04:45 | 0.10                         |
| 06/10/96 06:00 | 0.10                         |
| 06/10/96 06:15 | 0.10                         |
| 06/10/96 06:30 | 0.10                         |
| 06/10/96 06:45 | 0.10                         |
| 06/10/96 08:15 | 0.10                         |
| 06/17/96 18:00 | 0.10                         |
| 06/17/96 18:15 | 0.10                         |
| 06/17/96 18:30 | 0.20                         |
| 07/01/96 00:15 | 0.00                         |
| 07/04/96 11:45 | 0.00                         |
| 07/04/96 12:15 | 0.00                         |
| 07/09/96 15:15 | 0.10                         |
| 07/12/96 05:45 | 0.20                         |
| 07/12/96 11:15 | 0.20                         |
| 07/12/96 11:30 | 0.10                         |
| 07/12/96 11:45 | 0.10                         |
| 07/12/96 12:00 | 0.20                         |
| 07/12/96 12:15 | 0.20                         |
| 07/12/96 12:30 | 0.30                         |
| 07/12/96 13:00 | 0.10                         |
| 07/14/96 05:30 | 0.10                         |
| 07/14/96 06:30 | 0.10                         |
| 07/14/96 06:45 | 0.10                         |
| 07/14/96 07:15 | 0.10                         |
| 07/14/96 07:30 | 0.10                         |



| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 07/14/96 08:30 | 0.10                         |
| 07/14/96 09:00 | 0.20                         |
| 07/14/96 09:30 | 0.10                         |
| 07/14/96 09:45 | 0.10                         |
| 07/14/96 10:00 | 0.10                         |
| 07/16/96 07:00 | 0.10                         |
| 07/16/96 07:15 | 0.10                         |
| 07/16/96 07:30 | 0.20                         |
| 07/27/96 09:00 | 0.10                         |
| 07/30/96 18:30 | 0.10                         |
| 07/31/96 14:30 | 0.10                         |
| 08/01/96 00:15 | 0.00                         |
| 08/02/96 10:45 | 0.00                         |
| 08/09/96 16:00 | 0.00                         |
| 08/10/96 11:00 | 0.10                         |
| 08/10/96 18:45 | 0.10                         |
| 08/11/96 21:00 | 0.10                         |
| 08/16/96 10:15 | 0.10                         |
| 08/17/96 11:30 | 0.10                         |
| 08/19/96 19:45 | 0.00                         |
| 08/20/96 12:30 | 0.10                         |
| 08/21/96 12:30 | 0.00                         |
| 08/21/96 19:00 | 0.00                         |
| 08/22/96 15:30 | 0.10                         |
| 08/22/96 16:45 | 0.20                         |
| 08/24/96 14:15 | 0.10                         |
| 08/24/96 17:45 | 0.00                         |
| 08/24/96 20:00 | 0.10                         |
| 08/24/96 21:15 | 0.10                         |
| 08/26/96 12:00 | 0.20                         |
| 08/27/96 10:30 | 0.10                         |
| 08/27/96 19:45 | 0.10                         |
| 08/27/96 20:00 | 0.30                         |
| 08/28/96 09:45 | 0.10                         |
| 08/28/96 23:15 | 0.10                         |
| 08/29/96 06:45 | 0.10                         |
| 08/29/96 08:30 | 0.10                         |
| 08/29/96 11:15 | 0.10                         |
| 08/29/96 18:45 | 0.10                         |
| 08/29/96 19:30 | 0.10                         |
| 08/29/96 19:45 | 0.10                         |
| 08/29/96 20:00 | 0.10                         |
| 08/31/96 14:45 | 0.10                         |
| 08/31/96 15:00 | 0.10                         |
| 08/31/96 16:00 | 0.10                         |
| 08/31/96 16:15 | 0.10                         |
| 08/31/96 16:45 | 0.10                         |
| 08/31/96 17:00 | 0.10                         |
| 08/31/96 17:30 | 0.10                         |
| 08/31/96 18:45 | 0.10                         |
| 09/01/96 00:15 | 0.00                         |
| 09/01/96 09:45 | 0.00                         |
| 09/08/96 21:15 | 0.00                         |
| 09/15/96 04:00 | 0.10                         |
| 09/15/96 05:15 | 0.10                         |
| 09/15/96 06:00 | 0.10                         |
| 09/15/96 06:15 | 0.10                         |
| 09/15/96 06:30 | 0.10                         |
| 09/15/96 07:30 | 0.10                         |
| 09/15/96 08:00 | 0.10                         |
| 09/15/96 09:15 | 0.10                         |
| 09/18/96 10:45 | 0.10                         |
| 09/18/96 11:00 | 0.20                         |
| 09/19/96 11:15 | 0.10                         |
| 09/19/96 12:15 | 0.10                         |
| 10/01/96 00:15 | 0.00                         |
| 10/01/96 12:15 | 0.00                         |
| 10/02/96 10:00 | 0.00                         |
| 10/03/96 15:15 | 0.00                         |
| 10/04/96 15:00 | 0.00                         |
| 10/05/96 13:15 | 0.00                         |
| 10/06/96 12:00 | 0.00                         |
| 10/07/96 11:30 | 0.00                         |
| 10/15/96 15:00 | 0.00                         |
| 10/16/96 11:15 | 0.00                         |
| 10/17/96 09:45 | 0.00                         |
| 10/18/96 01:45 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 10/21/96 08:30 | 0.10                         |
| 10/21/96 08:45 | 0.10                         |
| 10/21/96 09:00 | 0.10                         |
| 10/21/96 11:00 | 0.10                         |
| 10/21/96 11:15 | 0.30                         |
| 10/21/96 12:45 | 0.50                         |
| 10/21/96 13:00 | 0.10                         |
| 10/21/96 22:15 | 0.10                         |
| 10/21/96 22:45 | 0.10                         |
| 10/22/96 02:45 | 0.10                         |
| 10/27/96 13:45 | 0.10                         |
| 10/27/96 16:45 | 0.10                         |
| 10/27/96 17:00 | 0.10                         |
| 10/27/96 17:15 | 0.50                         |
| 10/27/96 17:30 | 0.70                         |
| 10/27/96 17:45 | 0.20                         |
| 10/27/96 18:15 | 0.10                         |
| 10/27/96 18:30 | 0.10                         |
| 10/27/96 20:15 | 0.10                         |
| 10/27/96 20:30 | 0.20                         |
| 10/27/96 21:00 | 0.40                         |
| 10/27/96 21:15 | 0.20                         |
| 10/27/96 21:30 | 0.50                         |
| 10/27/96 21:45 | 0.30                         |
| 10/27/96 22:15 | 0.10                         |
| 10/27/96 22:45 | 0.10                         |
| 10/27/96 23:45 | 0.10                         |
| 10/28/96 06:15 | 0.10                         |
| 10/28/96 07:00 | 0.10                         |
| 10/28/96 07:30 | 0.10                         |
| 10/28/96 08:30 | 0.10                         |
| 10/28/96 08:45 | 0.10                         |
| 10/28/96 09:45 | 0.10                         |
| 11/01/96 00:15 | 0.00                         |
| 11/01/96 11:15 | 0.10                         |
| 11/05/96 09:45 | 0.00                         |
| 11/05/96 10:15 | 0.00                         |
| 11/06/96 14:45 | 0.10                         |
| 11/06/96 23:45 | 0.10                         |
| 11/07/96 00:45 | 0.40                         |
| 11/07/96 01:00 | 0.30                         |
| 11/07/96 01:15 | 0.20                         |
| 11/07/96 01:30 | 0.10                         |
| 11/07/96 02:00 | 0.10                         |
| 11/07/96 02:30 | 0.10                         |
| 11/07/96 02:45 | 0.10                         |
| 11/07/96 03:45 | 0.10                         |
| 11/16/96 07:15 | 0.10                         |
| 11/17/96 01:00 | 0.30                         |
| 11/17/96 01:15 | 0.10                         |
| 11/17/96 01:45 | 0.10                         |
| 11/17/96 18:45 | 0.00                         |
| 11/18/96 11:00 | 0.00                         |
| 11/21/96 21:45 | 0.00                         |
| 11/22/96 10:45 | 0.10                         |
| 11/23/96 22:30 | 0.10                         |
| 11/23/96 22:45 | 0.20                         |
| 11/23/96 23:00 | 0.20                         |
| 11/24/96 03:30 | 0.20                         |
| 11/24/96 03:45 | 0.20                         |
| 11/24/96 04:00 | 0.20                         |
| 11/24/96 04:15 | 0.20                         |
| 11/24/96 04:30 | 0.10                         |
| 11/24/96 04:45 | 0.10                         |
| 11/24/96 05:15 | 0.10                         |
| 11/24/96 05:45 | 0.10                         |
| 11/24/96 06:15 | 0.10                         |
| 11/24/96 06:45 | 0.10                         |
| 11/24/96 07:15 | 0.10                         |
| 11/24/96 09:15 | 0.10                         |
| 11/24/96 10:15 | 0.10                         |
| 11/24/96 11:15 | 0.10                         |
| 11/24/96 15:15 | 0.10                         |
| 11/24/96 19:30 | 0.10                         |
| 11/25/96 01:15 | 0.10                         |
| 11/29/96 00:30 | 0.10                         |
| 11/29/96 02:15 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 11/29/96 04:00 | 0.10                         |
| 11/29/96 04:45 | 0.10                         |
| 11/29/96 07:00 | 0.10                         |
| 11/29/96 07:30 | 0.10                         |
| 11/29/96 08:15 | 0.10                         |
| 11/29/96 09:45 | 0.10                         |
| 11/30/96 07:45 | 0.30                         |
| 11/30/96 08:00 | 0.10                         |
| 12/01/96 00:15 | 0.00                         |
| 12/10/96 11:00 | 0.10                         |
| 12/11/96 10:00 | 0.00                         |
| 12/13/96 14:00 | 0.00                         |
| 12/13/96 18:15 | 0.00                         |
| 12/15/96 00:45 | 0.10                         |
| 12/15/96 01:00 | 0.10                         |
| 12/15/96 01:15 | 0.10                         |
| 12/15/96 01:30 | 0.10                         |
| 12/15/96 02:15 | 0.10                         |
| 12/15/96 20:15 | 0.10                         |
| 12/16/96 13:15 | 0.10                         |
| 12/18/96 12:00 | 0.00                         |
| 12/18/96 14:00 | 0.00                         |
| 12/27/96 12:45 | 0.00                         |
| 01/01/97 00:15 | 0.00                         |
| 01/04/97 08:30 | 0.00                         |
| 01/04/97 09:00 | 0.00                         |
| 01/07/97 10:45 | 0.10                         |
| 01/08/97 03:15 | 0.10                         |
| 01/08/97 05:15 | 0.10                         |
| 01/08/97 11:30 | 0.10                         |
| 01/08/97 19:30 | 0.10                         |
| 01/15/97 09:45 | 0.10                         |
| 01/17/97 10:45 | 0.00                         |
| 01/18/97 01:00 | 0.00                         |
| 01/18/97 09:15 | 0.10                         |
| 01/23/97 14:15 | 0.20                         |
| 01/23/97 14:30 | 0.10                         |
| 01/28/97 11:30 | 0.00                         |
| 01/29/97 09:15 | 0.00                         |
| 01/30/97 09:30 | 0.00                         |
| 02/01/97 00:15 | 0.00                         |
| 02/03/97 07:45 | 0.00                         |
| 02/03/97 08:15 | 0.00                         |
| 02/04/97 09:45 | 0.00                         |
| 02/05/97 02:15 | 0.00                         |
| 02/05/97 10:30 | 0.10                         |
| 02/06/97 07:15 | 0.10                         |
| 02/06/97 10:00 | 0.10                         |
| 02/06/97 11:00 | 0.10                         |
| 02/06/97 12:30 | 0.10                         |
| 02/06/97 13:30 | 0.10                         |
| 02/06/97 15:15 | 0.10                         |
| 02/06/97 18:00 | 0.10                         |
| 02/06/97 21:15 | 0.10                         |
| 02/07/97 04:30 | 0.10                         |
| 02/07/97 06:15 | 0.10                         |
| 02/07/97 10:00 | 0.10                         |
| 02/12/97 03:15 | 0.10                         |
| 02/12/97 04:15 | 0.10                         |
| 02/12/97 05:00 | 0.10                         |
| 02/12/97 05:30 | 0.10                         |
| 02/12/97 06:00 | 0.10                         |
| 02/12/97 06:45 | 0.10                         |
| 02/12/97 07:15 | 0.10                         |
| 02/12/97 07:45 | 0.10                         |
| 02/12/97 08:30 | 0.10                         |
| 02/12/97 09:00 | 0.10                         |
| 02/12/97 09:30 | 0.10                         |
| 02/12/97 10:15 | 0.10                         |
| 02/12/97 10:45 | 0.10                         |
| 02/12/97 11:15 | 0.10                         |
| 02/12/97 11:45 | 0.10                         |
| 02/12/97 12:45 | 0.10                         |
| 02/12/97 13:15 | 0.10                         |
| 02/12/97 13:30 | 0.10                         |
| 02/12/97 14:00 | 0.10                         |
| 02/12/97 14:15 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 02/12/97 14:30 | 0.10                         |
| 02/12/97 15:30 | 0.10                         |
| 02/12/97 16:00 | 0.10                         |
| 02/12/97 17:00 | 0.10                         |
| 02/12/97 17:30 | 0.10                         |
| 02/12/97 18:30 | 0.10                         |
| 02/12/97 19:15 | 0.10                         |
| 02/12/97 20:15 | 0.10                         |
| 02/12/97 21:15 | 0.10                         |
| 02/12/97 22:15 | 0.10                         |
| 02/12/97 23:15 | 0.10                         |
| 02/12/97 23:45 | 0.10                         |
| 02/13/97 00:15 | 0.10                         |
| 02/13/97 01:00 | 0.10                         |
| 02/19/97 10:15 | 0.10                         |
| 02/19/97 12:30 | 0.10                         |
| 02/19/97 13:15 | 0.10                         |
| 02/19/97 13:45 | 0.10                         |
| 02/19/97 14:00 | 0.10                         |
| 02/19/97 14:30 | 0.10                         |
| 02/19/97 14:45 | 0.10                         |
| 02/19/97 15:00 | 0.10                         |
| 02/19/97 15:15 | 0.10                         |
| 02/19/97 15:45 | 0.20                         |
| 02/19/97 16:15 | 0.10                         |
| 02/19/97 16:30 | 0.10                         |
| 02/19/97 17:00 | 0.10                         |
| 02/20/97 11:30 | 0.10                         |
| 02/20/97 14:15 | 0.10                         |
| 02/20/97 14:30 | 0.10                         |
| 02/20/97 14:45 | 0.10                         |
| 02/20/97 15:00 | 0.10                         |
| 02/20/97 16:15 | 0.10                         |
| 02/24/97 16:30 | 0.10                         |
| 02/24/97 17:15 | 0.10                         |
| 02/24/97 18:00 | 0.10                         |
| 02/24/97 20:00 | 0.10                         |
| 02/25/97 13:15 | 0.10                         |
| 02/25/97 16:00 | 0.10                         |
| 02/25/97 21:30 | 0.10                         |
| 02/26/97 04:30 | 0.10                         |
| 02/26/97 05:30 | 0.10                         |
| 02/26/97 08:15 | 0.10                         |
| 03/01/97 00:15 | 0.00                         |
| 03/02/97 03:15 | 0.10                         |
| 03/02/97 08:30 | 0.10                         |
| 03/02/97 13:00 | 0.10                         |
| 03/02/97 13:45 | 0.10                         |
| 03/02/97 14:30 | 0.10                         |
| 03/02/97 15:00 | 0.10                         |
| 03/02/97 15:45 | 0.10                         |
| 03/03/97 09:00 | 0.10                         |
| 03/05/97 10:15 | 0.00                         |
| 03/05/97 10:45 | 0.00                         |
| 03/08/97 10:00 | 0.10                         |
| 03/12/97 10:45 | 0.10                         |
| 03/12/97 11:15 | 0.10                         |
| 03/12/97 15:30 | 0.10                         |
| 03/12/97 23:30 | 0.10                         |
| 03/13/97 00:30 | 0.10                         |
| 03/13/97 01:00 | 0.10                         |
| 03/17/97 11:30 | 0.00                         |
| 03/18/97 09:30 | 0.00                         |
| 03/20/97 12:30 | 0.00                         |
| 03/21/97 10:15 | 0.00                         |
| 03/22/97 11:30 | 0.00                         |
| 03/23/97 12:15 | 0.00                         |
| 03/23/97 19:30 | 0.00                         |
| 03/24/97 11:00 | 0.00                         |
| 03/24/97 21:00 | 0.00                         |
| 03/25/97 03:45 | 0.10                         |
| 03/25/97 04:15 | 0.10                         |
| 03/25/97 04:45 | 0.20                         |
| 03/25/97 05:00 | 0.10                         |
| 03/25/97 06:15 | 0.10                         |
| 03/25/97 07:15 | 0.10                         |
| 03/25/97 08:15 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 04/01/97 00:15 | 0.00                         |
| 04/03/97 18:30 | 0.10                         |
| 04/03/97 19:45 | 0.10                         |
| 04/03/97 22:15 | 0.20                         |
| 04/03/97 22:30 | 0.10                         |
| 04/03/97 23:00 | 0.10                         |
| 04/03/97 23:30 | 0.10                         |
| 04/04/97 00:45 | 0.10                         |
| 04/04/97 03:30 | 0.10                         |
| 04/04/97 05:45 | 0.10                         |
| 04/04/97 06:30 | 0.10                         |
| 04/04/97 07:00 | 0.10                         |
| 04/04/97 07:15 | 0.10                         |
| 04/04/97 07:30 | 0.30                         |
| 04/04/97 07:45 | 0.20                         |
| 04/04/97 08:00 | 0.10                         |
| 04/04/97 09:30 | 0.20                         |
| 04/04/97 09:45 | 0.10                         |
| 04/04/97 10:00 | 0.10                         |
| 04/04/97 10:30 | 0.10                         |
| 04/04/97 10:45 | 0.10                         |
| 04/04/97 11:00 | 0.10                         |
| 04/04/97 11:45 | 0.10                         |
| 04/04/97 12:45 | 0.10                         |
| 04/04/97 18:45 | 0.20                         |
| 04/04/97 21:15 | 0.10                         |
| 04/05/97 03:45 | 0.10                         |
| 04/08/97 11:45 | 0.00                         |
| 04/10/97 15:45 | 0.00                         |
| 04/11/97 06:00 | 0.10                         |
| 04/11/97 06:15 | 0.20                         |
| 04/11/97 06:30 | 0.40                         |
| 04/11/97 06:45 | 0.20                         |
| 04/11/97 07:00 | 0.10                         |
| 04/11/97 07:15 | 0.10                         |
| 04/11/97 07:45 | 0.10                         |
| 04/11/97 08:45 | 0.10                         |
| 04/19/97 02:30 | 0.10                         |
| 04/20/97 20:00 | 0.10                         |
| 04/20/97 20:15 | 0.10                         |
| 04/20/97 20:30 | 0.10                         |
| 04/21/97 10:00 | 0.10                         |
| 04/22/97 03:30 | 0.10                         |
| 04/24/97 07:00 | 0.10                         |
| 04/25/97 09:15 | 0.10                         |
| 04/25/97 10:45 | 0.20                         |
| 04/25/97 11:15 | 0.10                         |
| 04/25/97 12:00 | 0.10                         |
| 04/25/97 12:30 | 0.10                         |
| 04/25/97 12:45 | 0.10                         |
| 04/25/97 13:00 | 0.20                         |
| 04/25/97 13:15 | 0.10                         |
| 04/25/97 13:30 | 0.20                         |
| 04/25/97 14:00 | 0.10                         |
| 04/25/97 14:15 | 0.10                         |
| 04/25/97 14:30 | 0.10                         |
| 04/25/97 15:00 | 0.10                         |
| 04/25/97 15:45 | 0.10                         |
| 04/26/97 07:45 | 0.10                         |
| 04/26/97 08:30 | 0.10                         |
| 04/26/97 09:00 | 0.10                         |
| 04/26/97 09:15 | 0.10                         |
| 04/26/97 09:45 | 0.10                         |
| 04/26/97 10:00 | 0.10                         |
| 04/29/97 11:15 | 0.10                         |
| 04/30/97 09:00 | 0.00                         |
| 04/30/97 19:45 | 0.00                         |
| 05/01/97 00:15 | 0.00                         |
| 05/01/97 11:30 | 0.00                         |
| 05/02/97 09:15 | 0.00                         |
| 05/03/97 13:30 | 0.00                         |
| 05/05/97 09:00 | 0.00                         |
| 05/06/97 09:15 | 0.00                         |
| 05/07/97 08:15 | 0.00                         |
| 05/08/97 01:15 | 0.00                         |
| 05/08/97 09:00 | 0.10                         |
| 05/09/97 03:00 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 05/09/97 04:15 | 0.10                         |
| 05/09/97 05:15 | 0.10                         |
| 05/09/97 05:45 | 0.10                         |
| 05/10/97 05:15 | 0.00                         |
| 05/10/97 06:00 | 0.00                         |
| 05/15/97 10:00 | 0.30                         |
| 05/15/97 10:15 | 0.10                         |
| 05/15/97 11:00 | 0.10                         |
| 05/19/97 18:30 | 0.50                         |
| 05/19/97 18:45 | 1.00                         |
| 05/19/97 19:00 | 0.30                         |
| 05/19/97 19:15 | 0.10                         |
| 05/19/97 19:45 | 0.10                         |
| 05/19/97 20:15 | 0.20                         |
| 05/20/97 01:00 | 0.10                         |
| 05/20/97 01:30 | 0.10                         |
| 05/20/97 02:00 | 0.10                         |
| 05/20/97 02:45 | 0.10                         |
| 05/21/97 04:15 | 0.10                         |
| 05/21/97 04:30 | 0.10                         |
| 05/23/97 20:45 | 0.10                         |
| 05/24/97 05:30 | 0.10                         |
| 05/30/97 05:15 | 0.10                         |
| 05/30/97 07:30 | 0.10                         |
| 05/30/97 08:15 | 0.10                         |
| 05/30/97 15:00 | 0.10                         |
| 08/01/97 00:15 | 0.00                         |
| 08/01/97 06:15 | 0.00                         |
| 08/01/97 06:30 | 0.00                         |
| 08/01/97 06:45 | 0.00                         |
| 08/06/97 20:00 | 0.10                         |
| 08/07/97 02:00 | 0.20                         |
| 08/07/97 02:15 | 0.10                         |
| 08/07/97 02:45 | 0.40                         |
| 08/07/97 03:15 | 0.10                         |
| 08/07/97 03:30 | 0.10                         |
| 08/07/97 03:45 | 0.10                         |
| 08/07/97 04:00 | 0.30                         |
| 08/07/97 04:15 | 0.20                         |
| 08/07/97 04:45 | 0.10                         |
| 08/07/97 05:00 | 0.10                         |
| 08/07/97 05:30 | 0.10                         |
| 08/07/97 10:45 | 0.10                         |
| 08/07/97 12:00 | 0.10                         |
| 08/07/97 12:45 | 0.10                         |
| 08/07/97 13:30 | 0.10                         |
| 08/07/97 23:00 | 0.10                         |
| 09/01/97 00:15 | 0.00                         |
| 09/02/97 08:15 | 0.00                         |
| 09/02/97 08:45 | 0.00                         |
| 09/02/97 13:30 | 0.10                         |
| 09/03/97 18:45 | 0.10                         |
| 09/03/97 19:15 | 0.10                         |
| 09/22/97 18:00 | 0.10                         |
| 09/26/97 11:30 | 0.10                         |
| 09/27/97 09:45 | 0.00                         |
| 09/28/97 09:45 | 0.00                         |
| 09/29/97 09:45 | 0.00                         |
| 09/30/97 09:45 | 0.00                         |
| 10/01/97 00:15 | 0.00                         |
| 10/01/97 08:30 | 0.00                         |
| 10/02/97 07:45 | 0.00                         |
| 10/02/97 08:00 | 0.00                         |
| 10/03/97 07:45 | 0.00                         |
| 10/03/97 08:15 | 0.00                         |
| 10/07/97 10:15 | 0.10                         |
| 10/07/97 13:00 | 0.10                         |
| 10/07/97 18:45 | 0.10                         |
| 10/08/97 12:30 | 0.50                         |
| 10/08/97 12:45 | 0.30                         |
| 10/08/97 13:00 | 0.10                         |
| 10/08/97 13:45 | 0.10                         |
| 10/11/97 20:15 | 0.10                         |
| 10/12/97 02:45 | 0.10                         |
| 10/12/97 14:45 | 0.10                         |
| 10/12/97 17:45 | 0.10                         |
| 10/12/97 19:30 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 10/12/97 20:30 | 0.20                         |
| 10/12/97 20:45 | 0.20                         |
| 10/12/97 21:00 | 0.10                         |
| 10/12/97 21:15 | 0.10                         |
| 10/12/97 21:45 | 0.10                         |
| 10/12/97 22:15 | 0.10                         |
| 10/21/97 12:30 | 0.10                         |
| 10/21/97 12:45 | 0.10                         |
| 10/23/97 09:30 | 0.10                         |
| 10/23/97 09:45 | 0.10                         |
| 10/23/97 10:00 | 0.20                         |
| 10/23/97 10:30 | 0.10                         |
| 10/23/97 11:00 | 0.10                         |
| 10/23/97 11:15 | 0.50                         |
| 10/23/97 11:30 | 0.30                         |
| 10/23/97 11:45 | 0.10                         |
| 10/23/97 12:15 | 0.10                         |
| 10/23/97 12:45 | 0.10                         |
| 10/23/97 13:15 | 0.10                         |
| 10/23/97 13:45 | 0.10                         |
| 10/23/97 18:45 | 0.10                         |
| 10/23/97 20:30 | 0.10                         |
| 11/01/97 00:15 | 0.00                         |
| 11/04/97 09:00 | 0.00                         |
| 11/04/97 09:15 | 0.00                         |
| 11/06/97 11:15 | 0.00                         |
| 11/07/97 09:30 | 0.00                         |
| 11/08/97 03:45 | 0.00                         |
| 11/08/97 09:30 | 0.10                         |
| 11/09/97 09:30 | 0.10                         |
| 11/10/97 01:45 | 0.10                         |
| 11/12/97 01:15 | 0.10                         |
| 11/12/97 02:15 | 0.10                         |
| 11/12/97 03:30 | 0.10                         |
| 11/12/97 04:30 | 0.10                         |
| 11/12/97 06:15 | 0.10                         |
| 11/12/97 07:15 | 0.10                         |
| 11/12/97 09:15 | 0.10                         |
| 11/13/97 01:45 | 0.10                         |
| 11/13/97 02:45 | 0.10                         |
| 11/13/97 06:00 | 0.10                         |
| 11/19/97 18:15 | 0.00                         |
| 11/20/97 14:30 | 0.00                         |
| 11/21/97 11:45 | 0.10                         |
| 11/22/97 12:15 | 0.00                         |
| 11/23/97 10:15 | 0.00                         |
| 11/24/97 13:30 | 0.00                         |
| 11/25/97 01:30 | 0.00                         |
| 11/25/97 10:45 | 0.10                         |
| 11/27/97 01:30 | 0.00                         |
| 11/27/97 07:00 | 0.10                         |
| 11/28/97 07:15 | 0.10                         |
| 11/28/97 07:30 | 0.30                         |
| 11/28/97 07:45 | 0.30                         |
| 11/28/97 08:00 | 0.10                         |
| 11/28/97 08:30 | 0.10                         |
| 11/29/97 09:15 | 0.00                         |
| 12/01/97 00:15 | 0.00                         |
| 12/02/97 15:00 | 0.10                         |
| 12/02/97 16:15 | 0.10                         |
| 12/02/97 16:45 | 0.10                         |
| 12/02/97 17:30 | 0.10                         |
| 12/02/97 18:00 | 0.10                         |
| 12/02/97 18:45 | 0.10                         |
| 12/02/97 19:45 | 0.10                         |
| 12/03/97 14:15 | 0.00                         |
| 12/05/97 18:30 | 0.00                         |
| 12/07/97 11:45 | 0.10                         |
| 12/07/97 12:45 | 0.10                         |
| 12/07/97 13:45 | 0.10                         |
| 12/07/97 14:15 | 0.10                         |
| 12/07/97 15:30 | 0.10                         |
| 12/07/97 16:00 | 0.10                         |
| 12/07/97 16:15 | 0.10                         |
| 12/07/97 16:30 | 0.10                         |
| 12/07/97 16:45 | 0.10                         |
| 12/07/97 17:00 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 12/07/97 17:15 | 0.10                         |
| 12/07/97 17:45 | 0.10                         |
| 12/20/97 03:30 | 0.10                         |
| 12/20/97 04:30 | 0.10                         |
| 12/20/97 05:15 | 0.10                         |
| 12/20/97 05:45 | 0.10                         |
| 12/20/97 06:30 | 0.10                         |
| 12/20/97 07:00 | 0.10                         |
| 12/20/97 07:30 | 0.10                         |
| 12/20/97 11:00 | 0.10                         |
| 12/20/97 12:30 | 0.10                         |
| 12/20/97 13:15 | 0.20                         |
| 12/20/97 13:45 | 0.10                         |
| 12/20/97 14:30 | 0.10                         |
| 12/20/97 15:00 | 0.10                         |
| 12/20/97 15:15 | 0.10                         |
| 12/20/97 15:45 | 0.10                         |
| 12/20/97 16:00 | 0.10                         |
| 12/20/97 16:30 | 0.10                         |
| 12/20/97 17:00 | 0.10                         |
| 12/20/97 17:15 | 0.10                         |
| 12/20/97 17:30 | 0.10                         |
| 12/20/97 17:45 | 0.10                         |
| 12/20/97 18:00 | 0.10                         |
| 12/20/97 18:15 | 0.10                         |
| 12/20/97 18:45 | 0.10                         |
| 12/20/97 19:00 | 0.10                         |
| 12/20/97 19:15 | 0.10                         |
| 12/20/97 19:30 | 0.10                         |
| 12/20/97 19:45 | 0.10                         |
| 12/20/97 20:00 | 0.10                         |
| 12/20/97 20:30 | 0.10                         |
| 12/20/97 20:45 | 0.20                         |
| 12/20/97 21:00 | 0.20                         |
| 12/20/97 21:30 | 0.10                         |
| 12/20/97 23:30 | 0.10                         |
| 12/21/97 00:30 | 0.10                         |
| 12/21/97 02:30 | 0.10                         |
| 12/23/97 09:15 | 0.10                         |
| 12/23/97 09:30 | 0.20                         |
| 12/23/97 09:45 | 0.40                         |
| 12/23/97 10:00 | 0.20                         |
| 12/23/97 10:15 | 0.10                         |
| 12/23/97 11:15 | 0.10                         |
| 12/23/97 15:30 | 0.10                         |
| 12/23/97 17:15 | 0.10                         |
| 12/23/97 19:00 | 0.10                         |
| 12/26/97 06:15 | 0.10                         |
| 12/26/97 08:45 | 0.10                         |
| 01/01/98 00:15 | 0.00                         |
| 01/03/98 10:30 | 0.00                         |
| 01/03/98 11:00 | 0.00                         |
| 01/04/98 04:45 | 0.10                         |
| 01/04/98 15:30 | 0.10                         |
| 01/04/98 19:30 | 0.10                         |
| 01/04/98 21:15 | 0.10                         |
| 01/05/98 22:30 | 0.10                         |
| 01/05/98 22:45 | 0.10                         |
| 01/05/98 23:15 | 0.10                         |
| 01/06/98 14:15 | 0.10                         |
| 01/06/98 15:15 | 0.10                         |
| 01/06/98 16:30 | 0.10                         |
| 01/06/98 18:30 | 0.10                         |
| 01/06/98 20:15 | 0.10                         |
| 01/06/98 23:30 | 0.10                         |
| 01/07/98 01:30 | 0.10                         |
| 01/07/98 11:15 | 0.10                         |
| 01/07/98 12:15 | 0.10                         |
| 01/08/98 05:00 | 0.10                         |
| 01/09/98 13:00 | 0.10                         |
| 01/09/98 22:00 | 0.00                         |
| 01/11/98 06:30 | 0.10                         |
| 01/11/98 12:45 | 0.10                         |
| 01/11/98 13:15 | 0.40                         |
| 01/11/98 13:30 | 0.40                         |
| 01/11/98 13:45 | 0.20                         |
| 01/11/98 14:00 | 0.10                         |



| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 01/11/98 14:45 | 0.10                         |
| 01/11/98 15:00 | 0.10                         |
| 01/11/98 15:15 | 0.10                         |
| 01/11/98 15:45 | 0.10                         |
| 01/11/98 16:30 | 0.10                         |
| 01/22/98 03:15 | 0.10                         |
| 01/23/98 09:45 | 0.00                         |
| 01/24/98 09:45 | 0.00                         |
| 01/31/98 15:30 | 0.10                         |
| 02/01/98 00:15 | 0.00                         |
| 02/02/98 14:30 | 0.00                         |
| 02/02/98 15:00 | 0.00                         |
| 02/10/98 09:30 | 0.10                         |
| 02/10/98 10:45 | 0.10                         |
| 02/12/98 19:30 | 0.10                         |
| 02/12/98 20:00 | 0.10                         |
| 02/14/98 18:45 | 0.00                         |
| 02/15/98 05:00 | 0.10                         |
| 02/16/98 13:15 | 0.10                         |
| 02/16/98 20:15 | 0.10                         |
| 02/18/98 18:45 | 0.10                         |
| 02/18/98 19:45 | 0.10                         |
| 02/18/98 21:00 | 0.10                         |
| 02/21/98 19:00 | 0.10                         |
| 02/21/98 20:00 | 0.10                         |
| 02/21/98 20:15 | 0.10                         |
| 02/21/98 20:45 | 0.10                         |
| 02/21/98 21:15 | 0.10                         |
| 02/21/98 21:30 | 0.10                         |
| 02/21/98 21:45 | 0.10                         |
| 02/22/98 18:45 | 0.00                         |
| 02/23/98 10:30 | 0.10                         |
| 02/23/98 22:45 | 0.00                         |
| 02/24/98 10:15 | 0.10                         |
| 02/25/98 02:45 | 0.00                         |
| 02/25/98 06:15 | 0.10                         |
| 02/25/98 21:00 | 0.10                         |
| 02/25/98 21:15 | 0.30                         |
| 02/25/98 21:30 | 0.80                         |
| 02/25/98 21:45 | 0.40                         |
| 02/25/98 22:00 | 0.10                         |
| 02/25/98 22:15 | 0.10                         |
| 02/25/98 22:45 | 0.10                         |
| 02/25/98 23:15 | 0.10                         |
| 02/25/98 23:45 | 0.10                         |
| 02/26/98 00:15 | 0.10                         |
| 02/27/98 17:00 | 0.00                         |
| 02/28/98 15:15 | 0.10                         |
| 02/28/98 16:15 | 0.00                         |
| 02/28/98 16:30 | 0.00                         |
| 03/01/98 00:15 | 0.00                         |
| 03/01/98 15:00 | 0.00                         |
| 03/04/98 18:30 | 0.00                         |
| 03/06/98 14:15 | 0.10                         |
| 03/07/98 12:15 | 0.10                         |
| 03/07/98 13:30 | 0.10                         |
| 03/08/98 09:15 | 0.10                         |
| 03/08/98 09:30 | 0.00                         |
| 03/08/98 10:15 | 0.10                         |
| 03/14/98 15:00 | 0.10                         |
| 03/14/98 21:00 | 0.10                         |
| 03/14/98 22:45 | 0.10                         |
| 03/15/98 00:15 | 0.10                         |
| 03/15/98 00:45 | 0.20                         |
| 03/15/98 05:00 | 0.10                         |
| 03/15/98 17:45 | 0.10                         |
| 03/15/98 23:00 | 0.10                         |
| 03/15/98 23:45 | 0.10                         |
| 03/16/98 02:45 | 0.10                         |
| 03/16/98 04:00 | 0.10                         |
| 03/16/98 05:00 | 0.20                         |
| 03/16/98 07:00 | 0.10                         |
| 03/16/98 07:45 | 0.20                         |
| 03/16/98 08:15 | 0.10                         |
| 03/16/98 13:45 | 0.10                         |
| 03/16/98 19:15 | 0.10                         |
| 03/16/98 19:30 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 03/19/98 01:45 | 0.30                         |
| 03/19/98 02:00 | 0.20                         |
| 03/19/98 14:30 | 0.10                         |
| 03/19/98 14:45 | 0.00                         |
| 03/19/98 15:15 | 0.00                         |
| 03/30/98 15:15 | 0.10                         |
| 03/30/98 15:45 | 0.00                         |
| 03/30/98 18:00 | 0.00                         |
| 03/30/98 19:30 | 0.30                         |
| 03/30/98 20:30 | 0.10                         |
| 03/30/98 21:30 | 0.10                         |
| 04/01/98 00:15 | 0.00                         |
| 04/02/98 19:15 | 0.00                         |
| 04/03/98 13:30 | 0.00                         |
| 04/08/98 01:30 | 0.00                         |
| 04/20/98 16:45 | 0.10                         |
| 04/20/98 18:45 | 0.10                         |
| 04/20/98 20:30 | 0.10                         |
| 04/20/98 21:30 | 0.10                         |
| 04/26/98 20:00 | 0.10                         |
| 05/01/98 00:15 | 0.00                         |
| 05/02/98 20:30 | 0.20                         |
| 05/02/98 20:45 | 0.10                         |
| 05/05/98 16:00 | 0.00                         |
| 05/05/98 16:15 | 0.00                         |
| 05/06/98 06:15 | 0.00                         |
| 05/06/98 06:30 | 0.00                         |
| 05/08/98 14:45 | 0.10                         |
| 05/08/98 15:00 | 0.10                         |
| 05/25/98 07:45 | 0.10                         |
| 05/26/98 07:15 | 0.10                         |
| 05/26/98 07:30 | 0.50                         |
| 05/26/98 07:45 | 0.40                         |
| 05/26/98 08:00 | 0.20                         |
| 05/26/98 08:15 | 0.10                         |
| 05/26/98 08:45 | 0.10                         |
| 05/26/98 09:30 | 0.10                         |
| 05/26/98 11:30 | 0.10                         |
| 05/29/98 05:00 | 0.00                         |
| 05/29/98 05:15 | 0.00                         |
| 07/01/98 00:15 | 0.00                         |
| 07/04/98 23:00 | 0.10                         |
| 07/08/98 07:45 | 0.00                         |
| 07/08/98 08:00 | 0.00                         |
| 07/08/98 08:15 | 0.00                         |
| 08/01/98 00:15 | 0.00                         |
| 08/05/98 13:45 | 0.00                         |
| 08/05/98 14:15 | 0.00                         |
| 08/11/98 16:15 | 0.10                         |
| 08/13/98 07:30 | 0.10                         |
| 08/13/98 07:45 | 0.10                         |
| 09/01/98 00:15 | 0.00                         |
| 09/07/98 08:45 | 0.00                         |
| 09/07/98 09:15 | 0.00                         |
| 09/07/98 12:45 | 0.00                         |
| 09/07/98 13:00 | 0.10                         |
| 09/11/98 16:45 | 0.10                         |
| 09/11/98 23:15 | 0.10                         |
| 09/12/98 06:30 | 0.10                         |
| 09/12/98 09:00 | 0.10                         |
| 09/12/98 09:15 | 0.10                         |
| 09/12/98 17:15 | 0.10                         |
| 09/12/98 22:00 | 0.10                         |
| 09/13/98 04:00 | 0.10                         |
| 09/13/98 15:00 | 0.10                         |
| 09/14/98 08:30 | 0.10                         |
| 09/15/98 10:45 | 0.10                         |
| 09/15/98 12:00 | 0.10                         |
| 09/16/98 01:00 | 0.10                         |
| 09/16/98 08:45 | 0.10                         |
| 09/16/98 09:45 | 0.10                         |
| 09/28/98 20:00 | 0.00                         |
| 09/29/98 19:45 | 0.00                         |
| 10/01/98 00:15 | 0.00                         |
| 10/01/98 10:00 | 0.00                         |
| 10/02/98 09:00 | 0.10                         |
| 10/02/98 10:30 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 10/02/98 11:00 | 0.40                         |
| 10/02/98 11:15 | 0.40                         |
| 10/02/98 11:30 | 0.50                         |
| 10/02/98 12:00 | 0.10                         |
| 10/02/98 15:45 | 0.30                         |
| 10/02/98 16:15 | 0.10                         |
| 10/02/98 20:30 | 0.30                         |
| 10/02/98 20:45 | 0.20                         |
| 10/02/98 21:00 | 0.10                         |
| 10/02/98 21:30 | 0.10                         |
| 10/04/98 17:45 | 0.00                         |
| 10/05/98 15:30 | 0.00                         |
| 10/05/98 17:30 | 0.20                         |
| 10/05/98 17:45 | 0.10                         |
| 10/05/98 18:30 | 0.10                         |
| 10/05/98 18:45 | 0.10                         |
| 10/05/98 19:15 | 0.20                         |
| 10/05/98 20:15 | 0.10                         |
| 10/05/98 21:00 | 0.10                         |
| 10/05/98 23:45 | 0.10                         |
| 10/06/98 00:30 | 0.10                         |
| 10/06/98 01:00 | 0.10                         |
| 10/06/98 01:45 | 0.10                         |
| 10/06/98 02:15 | 0.10                         |
| 10/06/98 02:30 | 0.10                         |
| 10/06/98 04:45 | 0.10                         |
| 10/16/98 19:00 | 0.20                         |
| 10/16/98 19:15 | 0.10                         |
| 10/17/98 11:45 | 0.10                         |
| 10/17/98 12:15 | 0.00                         |
| 10/17/98 14:15 | 0.10                         |
| 10/17/98 23:15 | 0.10                         |
| 10/17/98 23:30 | 0.10                         |
| 10/20/98 08:45 | 0.10                         |
| 10/20/98 15:15 | 0.10                         |
| 10/20/98 15:30 | 0.10                         |
| 10/20/98 21:15 | 0.10                         |
| 10/21/98 00:15 | 0.10                         |
| 11/01/98 00:15 | 0.00                         |
| 11/01/98 04:00 | 0.10                         |
| 11/01/98 06:00 | 0.10                         |
| 11/01/98 06:15 | 0.50                         |
| 11/01/98 06:30 | 0.80                         |
| 11/01/98 06:45 | 0.10                         |
| 11/01/98 07:00 | 0.10                         |
| 11/01/98 07:45 | 0.10                         |
| 11/01/98 09:15 | 0.10                         |
| 11/01/98 09:45 | 0.10                         |
| 11/01/98 10:15 | 0.10                         |
| 11/04/98 07:15 | 0.00                         |
| 11/04/98 07:45 | 0.00                         |
| 11/06/98 22:00 | 0.10                         |
| 11/09/98 01:30 | 0.10                         |
| 11/09/98 23:00 | 0.10                         |
| 11/09/98 23:15 | 0.30                         |
| 11/09/98 23:30 | 0.10                         |
| 11/12/98 14:30 | 0.10                         |
| 11/12/98 15:15 | 0.10                         |
| 11/12/98 15:45 | 0.10                         |
| 11/12/98 18:00 | 0.10                         |
| 11/12/98 19:45 | 0.10                         |
| 11/12/98 20:15 | 0.10                         |
| 11/12/98 20:30 | 0.10                         |
| 11/12/98 21:00 | 0.10                         |
| 11/12/98 21:30 | 0.10                         |
| 11/12/98 22:15 | 0.10                         |
| 11/12/98 22:30 | 0.10                         |
| 11/12/98 23:00 | 0.10                         |
| 11/12/98 23:30 | 0.10                         |
| 11/12/98 23:45 | 0.10                         |
| 11/13/98 00:15 | 0.10                         |
| 11/13/98 00:30 | 0.10                         |
| 11/13/98 00:45 | 0.10                         |
| 11/13/98 01:15 | 0.10                         |
| 11/13/98 01:30 | 0.10                         |
| 11/13/98 01:45 | 0.10                         |
| 11/13/98 02:15 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 11/13/98 02:30 | 0.10                         |
| 11/13/98 03:15 | 0.10                         |
| 11/13/98 03:45 | 0.10                         |
| 11/13/98 05:45 | 0.10                         |
| 11/19/98 02:15 | 0.00                         |
| 11/25/98 07:00 | 0.00                         |
| 11/29/98 21:45 | 0.20                         |
| 11/29/98 22:00 | 0.30                         |
| 11/29/98 22:15 | 0.20                         |
| 11/29/98 22:30 | 0.20                         |
| 11/29/98 22:45 | 0.10                         |
| 11/29/98 23:15 | 0.10                         |
| 12/01/98 00:15 | 0.00                         |
| 12/02/98 07:00 | 0.00                         |
| 12/02/98 07:30 | 0.00                         |
| 12/03/98 17:15 | 0.10                         |
| 12/03/98 18:15 | 0.10                         |
| 12/03/98 18:30 | 0.10                         |
| 12/03/98 18:45 | 0.10                         |
| 12/03/98 20:15 | 0.30                         |
| 12/03/98 20:30 | 0.30                         |
| 12/03/98 20:45 | 0.50                         |
| 12/03/98 21:00 | 0.10                         |
| 12/03/98 21:15 | 0.10                         |
| 12/03/98 21:45 | 0.10                         |
| 12/03/98 23:45 | 0.50                         |
| 12/04/98 03:00 | 0.10                         |
| 12/04/98 03:45 | 0.10                         |
| 12/04/98 10:30 | 0.10                         |
| 12/05/98 10:30 | 0.00                         |
| 12/05/98 23:45 | 0.00                         |
| 12/06/98 04:15 | 0.10                         |
| 12/07/98 11:45 | 0.10                         |
| 12/07/98 12:45 | 0.10                         |
| 12/07/98 13:30 | 0.10                         |
| 12/10/98 05:00 | 0.10                         |
| 12/10/98 05:45 | 0.10                         |
| 12/10/98 06:15 | 0.10                         |
| 12/10/98 07:00 | 0.10                         |
| 12/10/98 07:30 | 0.10                         |
| 12/10/98 08:00 | 0.10                         |
| 12/10/98 08:15 | 0.10                         |
| 12/10/98 08:45 | 0.10                         |
| 12/10/98 09:15 | 0.10                         |
| 12/10/98 10:15 | 0.10                         |
| 12/10/98 11:30 | 0.10                         |
| 12/10/98 12:00 | 0.10                         |
| 12/10/98 12:30 | 0.10                         |
| 12/10/98 13:00 | 0.10                         |
| 12/10/98 14:45 | 0.10                         |
| 12/10/98 17:45 | 0.10                         |
| 12/10/98 20:15 | 0.10                         |
| 12/11/98 15:45 | 0.10                         |
| 12/11/98 17:30 | 0.10                         |
| 12/11/98 18:00 | 0.10                         |
| 12/11/98 18:45 | 0.10                         |
| 12/11/98 20:00 | 0.10                         |
| 12/11/98 20:45 | 0.10                         |
| 12/11/98 21:15 | 0.10                         |
| 12/11/98 21:45 | 0.10                         |
| 12/11/98 22:30 | 0.10                         |
| 12/11/98 23:30 | 0.10                         |
| 12/12/98 00:30 | 0.10                         |
| 12/12/98 00:45 | 0.10                         |
| 12/12/98 01:00 | 0.10                         |
| 12/18/98 12:45 | 0.10                         |
| 12/18/98 14:30 | 0.10                         |
| 12/18/98 15:00 | 0.10                         |
| 12/18/98 15:45 | 0.10                         |
| 12/18/98 16:00 | 0.10                         |
| 12/18/98 16:30 | 0.10                         |
| 12/18/98 16:45 | 0.10                         |
| 12/18/98 17:00 | 0.10                         |
| 12/18/98 17:15 | 0.10                         |
| 12/24/98 12:45 | 0.10                         |
| 01/01/99 00:15 | 0.00                         |
| 01/03/99 18:45 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 01/28/99 08:15 | 0.10                         |
| 01/28/99 08:30 | 0.10                         |
| 01/28/99 18:45 | 0.10                         |
| 01/28/99 23:15 | 0.10                         |
| 01/28/99 23:30 | 0.10                         |
| 01/29/99 00:30 | 0.20                         |
| 01/29/99 00:45 | 0.20                         |
| 01/29/99 01:00 | 0.10                         |
| 01/29/99 01:15 | 0.10                         |
| 01/29/99 01:45 | 0.10                         |
| 01/29/99 02:00 | 0.10                         |
| 01/29/99 02:45 | 0.10                         |
| 01/29/99 04:00 | 0.10                         |
| 01/29/99 05:00 | 0.20                         |
| 01/29/99 06:00 | 0.10                         |
| 01/29/99 07:00 | 0.10                         |
| 01/29/99 16:30 | 0.10                         |
| 01/29/99 16:45 | 0.10                         |
| 01/29/99 22:00 | 0.10                         |
| 01/29/99 23:30 | 0.10                         |
| 02/01/99 00:15 | 0.00                         |
| 02/06/99 07:45 | 0.00                         |
| 02/06/99 21:00 | 0.20                         |
| 02/11/99 07:45 | 0.10                         |
| 03/01/99 00:15 | 0.00                         |
| 03/05/99 21:30 | 0.00                         |
| 03/05/99 22:00 | 0.00                         |
| 03/08/99 02:45 | 0.10                         |
| 03/08/99 09:45 | 0.10                         |
| 03/08/99 10:00 | 0.50                         |
| 03/08/99 10:15 | 0.50                         |
| 03/11/99 08:45 | 0.10                         |
| 03/11/99 09:15 | 0.10                         |
| 03/11/99 09:45 | 0.10                         |
| 03/12/99 07:30 | 0.10                         |
| 03/12/99 13:30 | 0.10                         |
| 03/12/99 16:00 | 0.10                         |
| 03/12/99 20:15 | 0.10                         |
| 03/18/99 15:45 | 0.10                         |
| 03/18/99 17:15 | 0.10                         |
| 03/18/99 19:00 | 0.10                         |
| 03/21/99 12:30 | 0.10                         |
| 03/21/99 22:30 | 0.00                         |
| 03/22/99 09:00 | 0.10                         |
| 03/24/99 23:00 | 0.10                         |
| 03/27/99 14:00 | 0.10                         |
| 03/27/99 20:45 | 0.10                         |
| 04/01/99 00:15 | 0.00                         |
| 04/01/99 09:00 | 0.00                         |
| 04/01/99 09:30 | 0.00                         |
| 04/03/99 08:45 | 0.20                         |
| 04/03/99 09:00 | 0.20                         |
| 04/03/99 09:30 | 0.10                         |
| 04/03/99 09:45 | 0.10                         |
| 04/03/99 10:30 | 0.10                         |
| 04/14/99 03:15 | 0.20                         |
| 04/14/99 05:00 | 0.10                         |
| 04/14/99 05:30 | 0.10                         |
| 04/25/99 04:00 | 0.10                         |
| 04/26/99 04:15 | 0.20                         |
| 04/26/99 06:45 | 0.20                         |
| 04/26/99 07:00 | 0.30                         |
| 04/26/99 07:15 | 0.10                         |
| 04/26/99 07:45 | 0.10                         |
| 05/01/99 00:15 | 0.00                         |
| 05/02/99 07:15 | 0.10                         |
| 05/02/99 07:30 | 0.20                         |
| 05/02/99 08:15 | 0.10                         |
| 05/02/99 10:45 | 0.10                         |
| 05/02/99 16:00 | 0.10                         |
| 05/02/99 17:15 | 0.10                         |
| 05/03/99 12:15 | 0.10                         |
| 05/03/99 21:30 | 0.00                         |
| 05/03/99 22:45 | 0.10                         |
| 05/03/99 23:45 | 0.10                         |
| 05/04/99 00:15 | 0.10                         |
| 05/04/99 12:30 | 0.20                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 05/10/99 02:15 | 0.10                         |
| 05/10/99 02:30 | 0.10                         |
| 05/10/99 03:00 | 0.10                         |
| 05/10/99 03:45 | 0.10                         |
| 05/11/99 20:45 | 0.10                         |
| 05/17/99 12:15 | 0.10                         |
| 05/17/99 13:15 | 0.10                         |
| 05/17/99 13:45 | 0.10                         |
| 05/17/99 14:00 | 0.10                         |
| 05/17/99 16:00 | 0.50                         |
| 05/17/99 16:15 | 0.50                         |
| 05/17/99 16:30 | 0.20                         |
| 05/17/99 16:45 | 0.10                         |
| 05/25/99 01:00 | 0.00                         |
| 06/01/99 00:15 | 0.00                         |
| 06/10/99 15:15 | 0.00                         |
| 06/10/99 20:30 | 0.00                         |
| 06/12/99 14:15 | 0.10                         |
| 06/12/99 15:15 | 0.10                         |
| 06/15/99 17:00 | 0.10                         |
| 06/15/99 17:15 | 0.20                         |
| 06/15/99 17:45 | 0.20                         |
| 06/15/99 18:00 | 0.10                         |
| 06/15/99 23:30 | 0.10                         |
| 06/21/99 09:45 | 0.10                         |
| 06/22/99 16:30 | 0.10                         |
| 06/22/99 16:45 | 0.20                         |
| 06/25/99 00:15 | 0.10                         |
| 07/01/99 00:15 | 0.00                         |
| 07/03/99 06:00 | 0.00                         |
| 07/03/99 06:45 | 0.00                         |
| 07/07/99 16:30 | 0.40                         |
| 07/07/99 16:45 | 0.20                         |
| 07/07/99 17:00 | 0.10                         |
| 07/07/99 19:00 | 0.10                         |
| 07/10/99 13:30 | 0.20                         |
| 07/10/99 13:45 | 0.10                         |
| 07/10/99 14:30 | 0.10                         |
| 07/10/99 17:00 | 0.10                         |
| 07/10/99 18:15 | 0.10                         |
| 07/10/99 18:45 | 0.10                         |
| 08/01/99 00:15 | 0.00                         |
| 08/02/99 08:00 | 0.00                         |
| 08/29/99 05:45 | 0.00                         |
| 08/29/99 06:00 | 0.00                         |
| 10/01/99 00:15 | 0.00                         |
| 11/01/99 00:15 | 0.00                         |
| 12/01/99 00:15 | 0.00                         |
| 01/01/00 00:15 | 0.00                         |
| 02/01/00 00:15 | 0.00                         |
| 03/01/00 00:15 | 0.00                         |
| 04/01/00 00:15 | 0.00                         |
| 05/01/00 00:15 | 0.00                         |
| 06/01/00 00:15 | 0.00                         |
| 07/01/00 00:15 | 0.00                         |
| 08/01/00 00:15 | 0.00                         |
| 09/01/00 00:15 | 0.00                         |
| 10/01/00 00:15 | 0.00                         |
| 11/01/00 00:15 | 0.00                         |
| 12/01/00 00:15 | 0.00                         |
| 01/01/01 00:15 | 0.00                         |
| 02/01/01 00:15 | 0.00                         |
| 03/01/01 00:15 | 0.00                         |
| 04/01/01 00:15 | 0.00                         |
| 05/01/01 00:15 | 0.00                         |
| 01/01/84 00:15 | 0.00                         |
| 01/08/84 01:00 | 0.00                         |
| 01/10/84 08:00 | 0.08                         |
| 01/22/84 01:00 | 0.00                         |
| 01/23/84 10:00 | 0.03                         |
| 01/23/84 11:00 | 0.00                         |
| 02/01/84 00:15 | 0.00                         |
| 02/08/84 08:15 | 0.00                         |
| 02/09/84 08:00 | 0.07                         |
| 02/11/84 09:00 | 0.00                         |
| 02/12/84 08:00 | 0.02                         |
| 02/18/84 01:00 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 02/26/84 05:15 | 0.02                         |
| 02/26/84 05:30 | 0.02                         |
| 02/26/84 05:45 | 0.02                         |
| 02/26/84 06:00 | 0.02                         |
| 02/26/84 06:15 | 0.02                         |
| 02/26/84 06:30 | 0.02                         |
| 02/26/84 06:45 | 0.01                         |
| 02/26/84 07:00 | 0.00                         |
| 02/26/84 07:15 | 0.00                         |
| 02/26/84 07:30 | 0.00                         |
| 02/26/84 07:45 | 0.00                         |
| 02/26/84 16:45 | 0.00                         |
| 02/26/84 17:00 | 0.01                         |
| 02/26/84 17:15 | 0.01                         |
| 02/26/84 17:30 | 0.01                         |
| 02/26/84 17:45 | 0.01                         |
| 02/26/84 18:00 | 0.01                         |
| 02/26/84 18:15 | 0.01                         |
| 02/26/84 18:30 | 0.01                         |
| 02/26/84 18:45 | 0.01                         |
| 02/26/84 19:00 | 0.01                         |
| 02/26/84 19:30 | 0.00                         |
| 02/26/84 20:00 | 0.00                         |
| 02/26/84 20:30 | 0.00                         |
| 02/26/84 21:00 | 0.00                         |
| 02/26/84 21:30 | 0.00                         |
| 02/26/84 22:00 | 0.00                         |
| 02/26/84 22:30 | 0.00                         |
| 02/26/84 23:00 | 0.00                         |
| 02/26/84 23:30 | 0.00                         |
| 03/01/84 00:15 | 0.00                         |
| 03/12/84 08:00 | 0.00                         |
| 03/12/84 09:00 | 0.00                         |
| 03/19/84 11:00 | 0.00                         |
| 03/20/84 01:00 | 0.01                         |
| 03/20/84 02:00 | 0.00                         |
| 03/20/84 10:00 | 0.00                         |
| 03/23/84 05:15 | 0.00                         |
| 03/23/84 05:30 | 0.00                         |
| 03/23/84 05:45 | 0.00                         |
| 03/23/84 06:00 | 0.00                         |
| 03/23/84 06:15 | 0.00                         |
| 03/23/84 06:30 | 0.00                         |
| 03/23/84 06:45 | 0.01                         |
| 03/23/84 07:00 | 0.00                         |
| 03/23/84 07:15 | 0.01                         |
| 03/23/84 07:30 | 0.01                         |
| 03/23/84 07:45 | 0.01                         |
| 03/23/84 08:00 | 0.01                         |
| 03/23/84 08:15 | 0.01                         |
| 03/23/84 08:30 | 0.01                         |
| 03/23/84 08:45 | 0.01                         |
| 03/23/84 09:00 | 0.01                         |
| 03/23/84 09:15 | 0.01                         |
| 04/01/84 00:15 | 0.00                         |
| 04/02/84 10:30 | 0.00                         |
| 04/08/84 09:00 | 0.00                         |
| 04/11/84 09:00 | 0.00                         |
| 04/21/84 08:00 | 0.00                         |
| 04/30/84 09:00 | 0.00                         |
| 04/30/84 09:15 | 0.00                         |
| 04/30/84 09:30 | 0.00                         |
| 04/30/84 09:45 | 0.00                         |
| 04/30/84 10:00 | 0.00                         |
| 04/30/84 10:15 | 0.00                         |
| 04/30/84 10:45 | 0.00                         |
| 05/01/84 00:15 | 0.00                         |
| 05/01/84 15:15 | 0.01                         |
| 05/01/84 15:30 | 0.01                         |
| 05/01/84 15:45 | 0.01                         |
| 05/01/84 16:00 | 0.01                         |
| 05/01/84 16:15 | 0.00                         |
| 05/01/84 16:30 | 0.00                         |
| 05/01/84 16:45 | 0.00                         |
| 05/01/84 17:00 | 0.00                         |
| 05/01/84 17:15 | 0.00                         |
| 05/01/84 17:30 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 05/01/84 17:45 | 0.00                         |
| 05/01/84 18:00 | 0.04                         |
| 05/01/84 18:15 | 0.06                         |
| 05/01/84 18:30 | 0.05                         |
| 05/01/84 18:45 | 0.02                         |
| 05/01/84 19:00 | 0.02                         |
| 05/01/84 19:15 | 0.01                         |
| 05/01/84 19:30 | 0.01                         |
| 05/01/84 19:45 | 0.01                         |
| 05/01/84 20:00 | 0.00                         |
| 05/01/84 20:45 | 0.00                         |
| 05/01/84 21:00 | 0.00                         |
| 05/01/84 21:15 | 0.00                         |
| 05/01/84 21:30 | 0.00                         |
| 05/01/84 21:45 | 0.00                         |
| 05/18/84 16:30 | 0.00                         |
| 05/18/84 16:45 | 0.00                         |
| 05/18/84 17:00 | 0.00                         |
| 05/18/84 17:15 | 0.00                         |
| 05/18/84 17:30 | 0.00                         |
| 05/18/84 17:45 | 0.00                         |
| 05/18/84 18:00 | 0.00                         |
| 05/18/84 18:15 | 0.00                         |
| 05/18/84 18:30 | 0.00                         |
| 05/18/84 18:45 | 0.00                         |
| 05/18/84 19:00 | 0.00                         |
| 05/21/84 08:30 | 0.00                         |
| 05/28/84 07:45 | 0.04                         |
| 06/01/84 00:15 | 0.00                         |
| 06/01/84 09:45 | 0.00                         |
| 06/05/84 16:00 | 0.03                         |
| 06/06/84 01:45 | 0.01                         |
| 06/06/84 02:00 | 0.01                         |
| 06/06/84 02:15 | 0.01                         |
| 06/06/84 02:30 | 0.02                         |
| 06/06/84 02:45 | 0.02                         |
| 06/06/84 03:00 | 0.02                         |
| 06/06/84 03:15 | 0.02                         |
| 06/06/84 03:30 | 0.01                         |
| 06/06/84 03:45 | 0.01                         |
| 06/06/84 04:00 | 0.01                         |
| 06/06/84 04:15 | 0.01                         |
| 06/06/84 04:30 | 0.01                         |
| 06/06/84 04:45 | 0.01                         |
| 06/06/84 05:00 | 0.00                         |
| 06/06/84 05:15 | 0.00                         |
| 06/06/84 05:30 | 0.00                         |
| 06/06/84 05:45 | 0.00                         |
| 06/06/84 06:00 | 0.00                         |
| 06/06/84 06:15 | 0.00                         |
| 06/06/84 06:30 | 0.00                         |
| 06/06/84 06:45 | 0.00                         |
| 06/06/84 07:00 | 0.00                         |
| 06/06/84 07:15 | 0.00                         |
| 06/06/84 08:30 | 0.00                         |
| 06/26/84 15:45 | 0.00                         |
| 07/01/84 00:15 | 0.00                         |
| 08/01/84 00:15 | 0.00                         |
| 08/01/84 16:00 | 0.00                         |
| 08/07/84 08:45 | 0.00                         |
| 08/07/84 09:15 | 0.00                         |
| 08/07/84 09:30 | 0.00                         |
| 08/07/84 10:00 | 0.00                         |
| 08/07/84 11:00 | 0.00                         |
| 08/07/84 11:15 | 0.00                         |
| 08/07/84 11:30 | 0.00                         |
| 08/07/84 11:45 | 0.00                         |
| 08/07/84 12:00 | 0.01                         |
| 08/07/84 12:15 | 0.01                         |
| 08/07/84 12:30 | 0.00                         |
| 08/07/84 12:45 | 0.00                         |
| 08/07/84 13:15 | 0.00                         |
| 08/07/84 13:45 | 0.00                         |
| 08/08/84 11:00 | 0.00                         |
| 08/08/84 11:15 | 0.00                         |
| 08/12/84 10:45 | 0.01                         |
| 08/12/84 11:00 | 0.03                         |



| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 08/12/84 11:15 | 0.03                         |
| 08/12/84 11:30 | 0.02                         |
| 08/12/84 11:45 | 0.01                         |
| 08/12/84 12:00 | 0.00                         |
| 08/12/84 12:15 | 0.00                         |
| 08/12/84 12:30 | 0.00                         |
| 08/12/84 12:45 | 0.00                         |
| 08/12/84 13:00 | 0.00                         |
| 08/12/84 14:00 | 0.00                         |
| 08/12/84 15:00 | 0.00                         |
| 08/12/84 15:30 | 0.00                         |
| 08/12/84 16:00 | 0.00                         |
| 08/12/84 16:30 | 0.00                         |
| 08/12/84 20:00 | 0.00                         |
| 08/13/84 08:00 | 0.00                         |
| 08/23/84 00:15 | 0.00                         |
| 08/23/84 01:00 | 0.00                         |
| 08/23/84 01:30 | 0.00                         |
| 08/30/84 16:45 | 0.00                         |
| 08/30/84 17:00 | 0.00                         |
| 08/30/84 17:45 | 0.00                         |
| 09/01/84 00:15 | 0.00                         |
| 10/01/84 00:15 | 0.00                         |
| 10/11/84 08:00 | 0.00                         |
| 10/11/84 13:30 | 0.00                         |
| 10/11/84 13:45 | 0.00                         |
| 10/11/84 14:00 | 0.00                         |
| 10/11/84 14:15 | 0.00                         |
| 10/11/84 14:30 | 0.00                         |
| 10/11/84 14:45 | 0.00                         |
| 10/11/84 15:00 | 0.00                         |
| 10/11/84 15:15 | 0.00                         |
| 10/11/84 15:30 | 0.00                         |
| 10/11/84 15:45 | 0.00                         |
| 10/11/84 18:30 | 0.00                         |
| 10/11/84 20:00 | 0.00                         |
| 10/11/84 21:45 | 0.00                         |
| 10/11/84 23:15 | 0.00                         |
| 10/11/84 23:30 | 0.00                         |
| 10/11/84 23:45 | 0.00                         |
| 10/12/84 00:45 | 0.00                         |
| 10/12/84 01:15 | 0.00                         |
| 10/12/84 01:30 | 0.00                         |
| 10/12/84 01:45 | 0.00                         |
| 10/13/84 07:15 | 0.00                         |
| 10/13/84 07:30 | 0.00                         |
| 10/13/84 07:45 | 0.00                         |
| 10/13/84 08:15 | 0.00                         |
| 10/13/84 08:45 | 0.00                         |
| 10/13/84 09:15 | 0.00                         |
| 10/13/84 09:30 | 0.00                         |
| 10/13/84 09:45 | 0.00                         |
| 10/13/84 10:00 | 0.00                         |
| 10/13/84 10:15 | 0.00                         |
| 10/13/84 10:30 | 0.00                         |
| 10/13/84 10:45 | 0.00                         |
| 10/13/84 11:00 | 0.00                         |
| 10/13/84 13:00 | 0.00                         |
| 10/13/84 15:00 | 0.00                         |
| 10/13/84 17:30 | 0.00                         |
| 10/13/84 20:00 | 0.00                         |
| 10/13/84 22:15 | 0.00                         |
| 10/13/84 23:30 | 0.00                         |
| 10/14/84 00:45 | 0.00                         |
| 10/14/84 02:00 | 0.00                         |
| 10/19/84 09:15 | 0.04                         |
| 10/19/84 09:30 | 0.04                         |
| 10/19/84 09:45 | 0.01                         |
| 10/19/84 10:00 | 0.01                         |
| 10/19/84 10:15 | 0.00                         |
| 10/19/84 10:30 | 0.01                         |
| 10/19/84 10:45 | 0.01                         |
| 10/19/84 11:00 | 0.00                         |
| 10/19/84 11:15 | 0.00                         |
| 10/19/84 11:30 | 0.00                         |
| 10/19/84 11:45 | 0.00                         |
| 10/19/84 12:00 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 10/19/84 12:30 | 0.00                         |
| 10/19/84 13:00 | 0.00                         |
| 10/19/84 13:30 | 0.00                         |
| 10/22/84 10:15 | 0.00                         |
| 10/22/84 10:45 | 0.00                         |
| 10/22/84 11:30 | 0.00                         |
| 10/22/84 12:15 | 0.00                         |
| 10/22/84 13:00 | 0.00                         |
| 10/22/84 13:45 | 0.00                         |
| 10/22/84 14:30 | 0.00                         |
| 10/22/84 15:15 | 0.00                         |
| 10/22/84 16:00 | 0.00                         |
| 10/22/84 17:00 | 0.00                         |
| 10/22/84 18:45 | 0.00                         |
| 10/22/84 20:30 | 0.00                         |
| 10/22/84 22:15 | 0.00                         |
| 10/23/84 08:15 | 0.00                         |
| 10/23/84 08:30 | 0.00                         |
| 10/23/84 08:45 | 0.00                         |
| 10/23/84 20:15 | 0.00                         |
| 10/23/84 22:00 | 0.00                         |
| 10/23/84 23:45 | 0.00                         |
| 10/24/84 01:30 | 0.00                         |
| 10/24/84 12:45 | 0.00                         |
| 10/24/84 13:00 | 0.02                         |
| 10/24/84 13:15 | 0.03                         |
| 10/24/84 13:30 | 0.01                         |
| 10/24/84 13:45 | 0.01                         |
| 10/24/84 14:00 | 0.01                         |
| 10/24/84 14:15 | 0.00                         |
| 10/24/84 15:00 | 0.00                         |
| 10/24/84 15:45 | 0.00                         |
| 10/24/84 16:15 | 0.01                         |
| 10/24/84 16:30 | 0.01                         |
| 10/24/84 16:45 | 0.01                         |
| 10/24/84 17:00 | 0.01                         |
| 10/24/84 17:15 | 0.02                         |
| 10/24/84 17:30 | 0.03                         |
| 10/24/84 17:45 | 0.03                         |
| 10/24/84 18:00 | 0.02                         |
| 10/24/84 18:15 | 0.02                         |
| 10/24/84 18:30 | 0.00                         |
| 10/24/84 18:45 | 0.01                         |
| 10/24/84 19:00 | 0.01                         |
| 10/24/84 20:00 | 0.00                         |
| 10/24/84 21:00 | 0.00                         |
| 10/24/84 22:00 | 0.00                         |
| 10/24/84 23:00 | 0.00                         |
| 10/25/84 01:00 | 0.00                         |
| 10/25/84 02:00 | 0.00                         |
| 10/25/84 02:15 | 0.00                         |
| 10/25/84 07:15 | 0.00                         |
| 10/25/84 07:45 | 0.00                         |
| 10/25/84 15:00 | 0.00                         |
| 10/25/84 15:15 | 0.00                         |
| 10/25/84 22:45 | 0.00                         |
| 10/26/84 07:30 | 0.00                         |
| 10/26/84 07:45 | 0.01                         |
| 10/26/84 14:45 | 0.00                         |
| 10/26/84 15:00 | 0.00                         |
| 10/26/84 15:15 | 0.00                         |
| 10/26/84 15:30 | 0.00                         |
| 10/26/84 18:15 | 0.00                         |
| 10/30/84 10:00 | 0.00                         |
| 10/30/84 10:30 | 0.00                         |
| 11/01/84 00:15 | 0.00                         |
| 11/01/84 08:00 | 0.00                         |
| 11/01/84 11:30 | 0.00                         |
| 11/01/84 12:00 | 0.02                         |
| 11/01/84 12:15 | 0.01                         |
| 11/01/84 12:45 | 0.00                         |
| 11/01/84 13:15 | 0.00                         |
| 11/01/84 13:45 | 0.00                         |
| 11/01/84 14:15 | 0.00                         |
| 11/01/84 15:15 | 0.00                         |
| 11/01/84 16:30 | 0.00                         |
| 11/17/84 16:00 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 11/17/84 17:00 | 0.01                         |
| 11/17/84 17:15 | 0.01                         |
| 11/17/84 17:45 | 0.00                         |
| 11/17/84 18:15 | 0.00                         |
| 11/17/84 18:45 | 0.00                         |
| 11/17/84 19:00 | 0.00                         |
| 11/17/84 19:15 | 0.00                         |
| 11/17/84 19:30 | 0.00                         |
| 11/17/84 19:45 | 0.00                         |
| 11/17/84 20:00 | 0.00                         |
| 11/17/84 20:15 | 0.00                         |
| 11/17/84 20:30 | 0.00                         |
| 11/17/84 21:00 | 0.00                         |
| 11/17/84 21:15 | 0.00                         |
| 11/17/84 21:30 | 0.01                         |
| 11/17/84 21:45 | 0.01                         |
| 11/17/84 22:00 | 0.01                         |
| 11/17/84 22:15 | 0.01                         |
| 11/17/84 22:30 | 0.02                         |
| 11/17/84 22:45 | 0.02                         |
| 11/17/84 23:00 | 0.01                         |
| 11/17/84 23:15 | 0.00                         |
| 11/17/84 23:30 | 0.00                         |
| 11/17/84 23:45 | 0.00                         |
| 11/18/84 01:00 | 0.00                         |
| 11/18/84 01:30 | 0.00                         |
| 11/18/84 01:45 | 0.00                         |
| 11/18/84 02:00 | 0.00                         |
| 11/18/84 02:30 | 0.00                         |
| 11/18/84 03:00 | 0.00                         |
| 11/18/84 04:30 | 0.00                         |
| 11/18/84 04:45 | 0.00                         |
| 11/18/84 05:00 | 0.00                         |
| 11/18/84 06:00 | 0.00                         |
| 11/18/84 06:45 | 0.00                         |
| 11/24/84 09:00 | 0.00                         |
| 11/25/84 08:00 | 0.02                         |
| 11/26/84 12:45 | 0.00                         |
| 11/26/84 13:00 | 0.00                         |
| 11/26/84 13:15 | 0.00                         |
| 11/26/84 13:45 | 0.00                         |
| 12/01/84 00:15 | 0.00                         |
| 12/04/84 06:45 | 0.00                         |
| 12/04/84 07:30 | 0.00                         |
| 12/04/84 08:30 | 0.00                         |
| 12/04/84 09:15 | 0.00                         |
| 12/04/84 09:30 | 0.00                         |
| 12/04/84 09:45 | 0.00                         |
| 12/04/84 14:15 | 0.00                         |
| 12/04/84 15:00 | 0.00                         |
| 12/04/84 15:45 | 0.00                         |
| 12/04/84 16:30 | 0.00                         |
| 12/04/84 17:45 | 0.00                         |
| 12/04/84 18:45 | 0.00                         |
| 12/04/84 19:00 | 0.00                         |
| 12/04/84 19:15 | 0.00                         |
| 12/04/84 19:30 | 0.00                         |
| 12/04/84 19:45 | 0.00                         |
| 12/04/84 20:00 | 0.00                         |
| 12/04/84 20:15 | 0.00                         |
| 12/04/84 20:30 | 0.00                         |
| 12/04/84 22:45 | 0.00                         |
| 12/05/84 01:15 | 0.00                         |
| 12/05/84 02:45 | 0.00                         |
| 12/05/84 03:00 | 0.00                         |
| 12/05/84 03:15 | 0.00                         |
| 12/05/84 03:30 | 0.00                         |
| 12/05/84 03:45 | 0.00                         |
| 12/05/84 04:00 | 0.00                         |
| 12/05/84 04:15 | 0.00                         |
| 12/05/84 04:30 | 0.00                         |
| 12/05/84 04:45 | 0.00                         |
| 12/05/84 05:00 | 0.00                         |
| 12/05/84 05:15 | 0.00                         |
| 12/05/84 05:30 | 0.00                         |
| 12/05/84 05:45 | 0.00                         |
| 12/13/84 01:45 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 12/13/84 02:00 | 0.00                         |
| 12/13/84 02:15 | 0.00                         |
| 12/13/84 02:30 | 0.00                         |
| 12/13/84 04:45 | 0.00                         |
| 12/13/84 07:30 | 0.00                         |
| 12/13/84 08:00 | 0.00                         |
| 12/13/84 08:30 | 0.00                         |
| 12/13/84 08:45 | 0.01                         |
| 12/13/84 09:00 | 0.01                         |
| 12/13/84 09:15 | 0.01                         |
| 12/13/84 09:30 | 0.01                         |
| 12/13/84 09:45 | 0.01                         |
| 12/13/84 10:00 | 0.01                         |
| 12/13/84 10:15 | 0.01                         |
| 12/13/84 10:30 | 0.00                         |
| 12/13/84 10:45 | 0.00                         |
| 12/14/84 16:15 | 0.00                         |
| 12/14/84 16:30 | 0.00                         |
| 12/14/84 17:15 | 0.00                         |
| 12/14/84 18:00 | 0.00                         |
| 12/14/84 18:45 | 0.00                         |
| 12/14/84 19:30 | 0.00                         |
| 12/14/84 20:00 | 0.00                         |
| 12/14/84 20:15 | 0.00                         |
| 12/14/84 20:30 | 0.00                         |
| 12/14/84 20:45 | 0.00                         |
| 12/14/84 21:00 | 0.01                         |
| 12/14/84 21:15 | 0.01                         |
| 12/14/84 22:15 | 0.00                         |
| 12/15/84 00:30 | 0.00                         |
| 12/15/84 20:45 | 0.01                         |
| 12/15/84 21:00 | 0.01                         |
| 12/15/84 21:15 | 0.01                         |
| 12/15/84 21:30 | 0.01                         |
| 12/15/84 21:45 | 0.01                         |
| 12/15/84 22:00 | 0.00                         |
| 12/15/84 22:15 | 0.00                         |
| 12/15/84 22:30 | 0.00                         |
| 12/15/84 22:45 | 0.00                         |
| 12/15/84 23:30 | 0.00                         |
| 12/16/84 00:30 | 0.00                         |
| 12/16/84 01:30 | 0.00                         |
| 12/17/84 09:30 | 0.00                         |
| 12/17/84 09:45 | 0.00                         |
| 12/17/84 10:00 | 0.01                         |
| 12/17/84 10:15 | 0.01                         |
| 12/17/84 10:30 | 0.00                         |
| 12/17/84 10:45 | 0.00                         |
| 12/17/84 17:45 | 0.00                         |
| 12/17/84 18:00 | 0.00                         |
| 12/17/84 19:45 | 0.01                         |
| 12/17/84 20:00 | 0.01                         |
| 12/17/84 20:15 | 0.01                         |
| 12/17/84 20:30 | 0.00                         |
| 12/17/84 20:45 | 0.00                         |
| 12/17/84 22:00 | 0.00                         |
| 12/17/84 22:15 | 0.00                         |
| 12/20/84 09:00 | 0.00                         |
| 12/21/84 08:00 | 0.00                         |
| 12/29/84 19:30 | 0.00                         |
| 12/29/84 19:45 | 0.00                         |
| 12/29/84 20:00 | 0.00                         |
| 12/29/84 20:15 | 0.00                         |
| 12/29/84 20:30 | 0.00                         |
| 12/29/84 20:45 | 0.00                         |
| 12/29/84 21:00 | 0.00                         |
| 12/29/84 21:15 | 0.00                         |
| 12/29/84 21:30 | 0.00                         |
| 12/29/84 21:45 | 0.00                         |
| 12/30/84 08:30 | 0.00                         |
| 01/01/85 00:15 | 0.00                         |
| 01/15/85 08:00 | 0.00                         |
| 01/15/85 21:45 | 0.00                         |
| 01/15/85 22:00 | 0.00                         |
| 01/15/85 22:15 | 0.00                         |
| 01/15/85 22:30 | 0.00                         |
| 01/15/85 22:45 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 01/15/85 23:00 | 0.00                         |
| 01/15/85 23:15 | 0.00                         |
| 01/15/85 23:30 | 0.00                         |
| 01/15/85 23:45 | 0.00                         |
| 01/16/85 00:15 | 0.00                         |
| 01/16/85 00:30 | 0.00                         |
| 01/16/85 01:00 | 0.00                         |
| 01/27/85 06:15 | 0.00                         |
| 01/27/85 13:30 | 0.00                         |
| 01/27/85 14:00 | 0.00                         |
| 01/27/85 14:30 | 0.00                         |
| 01/27/85 21:45 | 0.00                         |
| 01/31/85 04:15 | 0.00                         |
| 01/31/85 04:30 | 0.00                         |
| 01/31/85 04:45 | 0.00                         |
| 01/31/85 06:00 | 0.00                         |
| 01/31/85 06:30 | 0.00                         |
| 01/31/85 06:45 | 0.00                         |
| 01/31/85 07:00 | 0.00                         |
| 01/31/85 07:30 | 0.00                         |
| 02/01/85 00:15 | 0.00                         |
| 02/01/85 11:30 | 0.00                         |
| 02/01/85 11:45 | 0.00                         |
| 02/01/85 12:00 | 0.00                         |
| 02/01/85 12:15 | 0.00                         |
| 02/04/85 09:15 | 0.00                         |
| 02/04/85 09:30 | 0.00                         |
| 02/04/85 09:45 | 0.00                         |
| 02/04/85 10:00 | 0.00                         |
| 02/04/85 10:15 | 0.00                         |
| 02/04/85 10:45 | 0.00                         |
| 02/04/85 11:00 | 0.00                         |
| 02/04/85 11:15 | 0.00                         |
| 02/04/85 11:30 | 0.00                         |
| 02/04/85 12:00 | 0.00                         |
| 02/04/85 12:15 | 0.00                         |
| 02/04/85 12:30 | 0.00                         |
| 02/04/85 12:45 | 0.00                         |
| 02/04/85 13:00 | 0.00                         |
| 02/04/85 13:15 | 0.00                         |
| 02/04/85 13:30 | 0.00                         |
| 02/04/85 13:45 | 0.00                         |
| 02/21/85 09:30 | 0.00                         |
| 02/21/85 09:45 | 0.00                         |
| 02/21/85 10:00 | 0.00                         |
| 02/21/85 10:15 | 0.00                         |
| 02/21/85 10:30 | 0.00                         |
| 02/21/85 10:45 | 0.00                         |
| 02/21/85 11:45 | 0.00                         |
| 02/21/85 12:15 | 0.00                         |
| 02/21/85 12:45 | 0.00                         |
| 02/21/85 13:15 | 0.00                         |
| 02/21/85 16:00 | 0.00                         |
| 02/21/85 17:15 | 0.00                         |
| 02/21/85 18:15 | 0.00                         |
| 02/21/85 22:45 | 0.01                         |
| 02/21/85 23:00 | 0.04                         |
| 02/21/85 23:15 | 0.01                         |
| 02/21/85 23:45 | 0.02                         |
| 02/22/85 00:15 | 0.01                         |
| 02/22/85 00:30 | 0.01                         |
| 02/22/85 00:45 | 0.01                         |
| 02/22/85 01:00 | 0.02                         |
| 02/22/85 01:15 | 0.01                         |
| 02/22/85 01:30 | 0.01                         |
| 02/22/85 01:45 | 0.02                         |
| 02/22/85 02:00 | 0.00                         |
| 02/22/85 02:15 | 0.00                         |
| 02/22/85 02:30 | 0.01                         |
| 02/22/85 02:45 | 0.00                         |
| 02/22/85 03:00 | 0.00                         |
| 02/22/85 03:15 | 0.00                         |
| 02/22/85 03:30 | 0.00                         |
| 02/22/85 03:45 | 0.00                         |
| 02/22/85 04:00 | 0.00                         |
| 02/22/85 04:15 | 0.00                         |
| 02/22/85 04:30 | 0.01                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 02/22/85 04:45 | 0.01                         |
| 02/22/85 05:00 | 0.01                         |
| 02/22/85 05:15 | 0.00                         |
| 02/22/85 05:30 | 0.00                         |
| 02/22/85 05:45 | 0.00                         |
| 02/22/85 06:00 | 0.00                         |
| 02/22/85 06:30 | 0.00                         |
| 02/22/85 06:45 | 0.00                         |
| 02/22/85 07:00 | 0.00                         |
| 02/28/85 16:15 | 0.00                         |
| 02/28/85 16:30 | 0.00                         |
| 02/28/85 16:45 | 0.00                         |
| 02/28/85 17:00 | 0.00                         |
| 02/28/85 17:30 | 0.00                         |
| 02/28/85 18:00 | 0.00                         |
| 02/28/85 19:45 | 0.00                         |
| 02/28/85 20:00 | 0.00                         |
| 02/28/85 20:15 | 0.00                         |
| 02/28/85 20:30 | 0.00                         |
| 02/28/85 20:45 | 0.00                         |
| 02/28/85 21:00 | 0.00                         |
| 02/28/85 21:15 | 0.00                         |
| 03/01/85 00:15 | 0.00                         |
| 03/02/85 09:00 | 0.00                         |
| 03/04/85 08:00 | 0.02                         |
| 03/06/85 08:30 | 0.00                         |
| 03/07/85 08:00 | 0.00                         |
| 03/13/85 14:15 | 0.00                         |
| 03/13/85 14:30 | 0.00                         |
| 03/13/85 14:45 | 0.00                         |
| 03/13/85 15:00 | 0.00                         |
| 03/13/85 15:30 | 0.00                         |
| 03/13/85 16:00 | 0.00                         |
| 03/13/85 16:30 | 0.00                         |
| 03/13/85 17:00 | 0.00                         |
| 03/13/85 17:15 | 0.00                         |
| 03/13/85 17:30 | 0.00                         |
| 03/13/85 17:45 | 0.00                         |
| 03/13/85 18:00 | 0.00                         |
| 03/13/85 18:15 | 0.00                         |
| 03/13/85 18:30 | 0.00                         |
| 03/13/85 18:45 | 0.00                         |
| 03/13/85 19:00 | 0.00                         |
| 03/13/85 19:15 | 0.00                         |
| 03/13/85 19:30 | 0.00                         |
| 03/13/85 19:45 | 0.00                         |
| 03/13/85 20:00 | 0.00                         |
| 03/13/85 20:15 | 0.00                         |
| 03/13/85 20:30 | 0.00                         |
| 03/13/85 20:45 | 0.00                         |
| 03/13/85 21:00 | 0.00                         |
| 03/13/85 21:15 | 0.00                         |
| 03/13/85 21:30 | 0.00                         |
| 03/13/85 21:45 | 0.01                         |
| 03/13/85 22:00 | 0.01                         |
| 03/13/85 22:15 | 0.01                         |
| 03/13/85 22:30 | 0.01                         |
| 03/13/85 22:45 | 0.01                         |
| 03/13/85 23:00 | 0.01                         |
| 03/13/85 23:15 | 0.01                         |
| 03/13/85 23:30 | 0.00                         |
| 03/13/85 23:45 | 0.00                         |
| 03/14/85 00:15 | 0.00                         |
| 03/19/85 18:15 | 0.00                         |
| 03/19/85 18:30 | 0.00                         |
| 03/19/85 18:45 | 0.01                         |
| 03/19/85 19:00 | 0.01                         |
| 03/19/85 19:15 | 0.00                         |
| 03/19/85 19:30 | 0.00                         |
| 03/19/85 19:45 | 0.00                         |
| 03/19/85 20:00 | 0.00                         |
| 03/19/85 20:15 | 0.00                         |
| 03/19/85 20:30 | 0.00                         |
| 03/19/85 20:45 | 0.00                         |
| 03/19/85 21:15 | 0.00                         |
| 03/19/85 21:45 | 0.00                         |
| 03/19/85 23:30 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 03/20/85 00:15 | 0.01                         |
| 03/20/85 00:30 | 0.01                         |
| 03/20/85 00:45 | 0.01                         |
| 03/20/85 01:00 | 0.01                         |
| 03/20/85 01:15 | 0.00                         |
| 03/20/85 01:30 | 0.00                         |
| 03/20/85 02:00 | 0.00                         |
| 03/20/85 02:15 | 0.00                         |
| 03/20/85 02:30 | 0.01                         |
| 03/20/85 02:45 | 0.01                         |
| 03/20/85 03:00 | 0.01                         |
| 03/20/85 03:15 | 0.01                         |
| 03/20/85 03:30 | 0.01                         |
| 03/20/85 03:45 | 0.01                         |
| 03/20/85 04:00 | 0.00                         |
| 03/20/85 04:30 | 0.00                         |
| 03/20/85 04:45 | 0.00                         |
| 03/20/85 19:15 | 0.00                         |
| 03/20/85 19:30 | 0.01                         |
| 03/26/85 21:45 | 0.02                         |
| 03/26/85 22:00 | 0.08                         |
| 03/26/85 22:15 | 0.01                         |
| 03/26/85 22:30 | 0.00                         |
| 03/26/85 22:45 | 0.00                         |
| 03/28/85 09:00 | 0.00                         |
| 03/29/85 08:00 | 0.05                         |
| 04/01/85 00:15 | 0.00                         |
| 04/11/85 09:00 | 0.00                         |
| 04/13/85 08:00 | 0.12                         |
| 04/22/85 06:30 | 0.00                         |
| 04/22/85 06:45 | 0.00                         |
| 04/22/85 07:00 | 0.01                         |
| 04/22/85 07:15 | 0.03                         |
| 04/22/85 07:30 | 0.02                         |
| 04/22/85 07:45 | 0.01                         |
| 04/22/85 08:30 | 0.00                         |
| 04/22/85 08:45 | 0.00                         |
| 04/22/85 09:00 | 0.01                         |
| 04/22/85 09:15 | 0.01                         |
| 04/22/85 09:30 | 0.02                         |
| 04/22/85 09:45 | 0.02                         |
| 04/22/85 10:00 | 0.01                         |
| 04/22/85 10:15 | 0.01                         |
| 04/22/85 10:30 | 0.01                         |
| 04/22/85 10:45 | 0.01                         |
| 04/22/85 11:00 | 0.01                         |
| 04/22/85 11:15 | 0.01                         |
| 04/22/85 11:30 | 0.01                         |
| 04/22/85 11:45 | 0.01                         |
| 04/22/85 12:00 | 0.00                         |
| 04/22/85 12:15 | 0.00                         |
| 04/22/85 12:30 | 0.00                         |
| 04/22/85 12:45 | 0.00                         |
| 04/22/85 13:00 | 0.01                         |
| 04/22/85 13:15 | 0.01                         |
| 04/27/85 20:30 | 0.08                         |
| 04/27/85 20:45 | 0.07                         |
| 04/27/85 21:00 | 0.05                         |
| 04/27/85 21:15 | 0.02                         |
| 04/27/85 21:30 | 0.01                         |
| 04/27/85 21:45 | 0.01                         |
| 04/27/85 23:00 | 0.00                         |
| 04/28/85 02:00 | 0.00                         |
| 04/28/85 02:15 | 0.00                         |
| 04/28/85 02:45 | 0.00                         |
| 04/28/85 03:15 | 0.00                         |
| 04/28/85 03:30 | 0.00                         |
| 04/28/85 03:45 | 0.00                         |
| 04/28/85 04:00 | 0.00                         |
| 04/28/85 04:15 | 0.00                         |
| 04/28/85 04:30 | 0.00                         |
| 04/28/85 04:45 | 0.00                         |
| 04/28/85 05:00 | 0.00                         |
| 04/28/85 05:15 | 0.00                         |
| 04/28/85 05:30 | 0.00                         |
| 04/28/85 05:45 | 0.00                         |
| 04/28/85 06:00 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 04/28/85 06:30 | 0.00                         |
| 04/29/85 02:15 | 0.00                         |
| 04/29/85 03:00 | 0.00                         |
| 04/29/85 19:45 | 0.01                         |
| 04/29/85 20:00 | 0.07                         |
| 04/29/85 20:15 | 0.02                         |
| 04/29/85 20:30 | 0.01                         |
| 04/29/85 20:45 | 0.01                         |
| 04/29/85 21:00 | 0.01                         |
| 04/29/85 21:15 | 0.02                         |
| 04/29/85 21:30 | 0.03                         |
| 04/29/85 21:45 | 0.07                         |
| 04/29/85 22:00 | 0.03                         |
| 04/29/85 23:15 | 0.00                         |
| 04/29/85 23:45 | 0.00                         |
| 04/30/85 00:15 | 0.00                         |
| 04/30/85 00:30 | 0.00                         |
| 04/30/85 00:45 | 0.00                         |
| 05/01/85 00:15 | 0.00                         |
| 05/12/85 22:15 | 0.00                         |
| 05/12/85 22:45 | 0.00                         |
| 05/12/85 23:00 | 0.00                         |
| 05/12/85 23:15 | 0.00                         |
| 05/13/85 00:15 | 0.00                         |
| 05/13/85 10:30 | 0.00                         |
| 05/13/85 10:45 | 0.00                         |
| 05/13/85 11:00 | 0.00                         |
| 05/13/85 11:15 | 0.00                         |
| 05/13/85 11:30 | 0.00                         |
| 05/13/85 11:45 | 0.01                         |
| 05/13/85 12:00 | 0.01                         |
| 05/13/85 12:15 | 0.01                         |
| 05/13/85 12:45 | 0.00                         |
| 05/20/85 00:45 | 0.01                         |
| 05/20/85 01:00 | 0.01                         |
| 05/20/85 01:15 | 0.00                         |
| 05/20/85 01:45 | 0.00                         |
| 05/20/85 02:15 | 0.00                         |
| 05/20/85 03:00 | 0.00                         |
| 05/20/85 03:45 | 0.00                         |
| 05/20/85 04:30 | 0.00                         |
| 05/20/85 05:15 | 0.00                         |
| 05/20/85 05:30 | 0.00                         |
| 05/20/85 05:45 | 0.01                         |
| 05/20/85 06:00 | 0.01                         |
| 05/21/85 02:00 | 0.01                         |
| 05/21/85 02:15 | 0.03                         |
| 05/21/85 02:30 | 0.04                         |
| 05/21/85 02:45 | 0.01                         |
| 05/21/85 03:00 | 0.00                         |
| 05/21/85 03:15 | 0.01                         |
| 05/21/85 03:30 | 0.01                         |
| 05/21/85 03:45 | 0.01                         |
| 06/01/85 00:15 | 0.00                         |
| 06/05/85 17:45 | 0.01                         |
| 06/05/85 18:00 | 0.01                         |
| 06/05/85 18:15 | 0.01                         |
| 06/05/85 19:00 | 0.00                         |
| 06/05/85 19:15 | 0.01                         |
| 06/05/85 19:30 | 0.00                         |
| 06/05/85 19:45 | 0.00                         |
| 06/05/85 20:00 | 0.00                         |
| 06/05/85 20:15 | 0.00                         |
| 06/05/85 20:30 | 0.00                         |
| 06/05/85 20:45 | 0.00                         |
| 06/06/85 00:30 | 0.00                         |
| 06/06/85 00:45 | 0.01                         |
| 06/06/85 01:00 | 0.01                         |
| 06/06/85 01:15 | 0.01                         |
| 06/06/85 01:30 | 0.03                         |
| 06/06/85 01:45 | 0.01                         |
| 06/06/85 02:00 | 0.00                         |
| 06/06/85 02:15 | 0.00                         |
| 06/06/85 02:30 | 0.00                         |
| 06/06/85 02:45 | 0.00                         |
| 06/06/85 03:00 | 0.00                         |
| 06/06/85 03:15 | 0.00                         |



| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 06/06/85 03:30 | 0.00                         |
| 06/06/85 03:45 | 0.00                         |
| 06/09/85 19:45 | 0.01                         |
| 06/11/85 16:15 | 0.01                         |
| 06/11/85 16:30 | 0.01                         |
| 06/11/85 16:45 | 0.05                         |
| 06/11/85 17:00 | 0.02                         |
| 06/11/85 17:15 | 0.01                         |
| 06/11/85 17:30 | 0.00                         |
| 06/11/85 17:45 | 0.00                         |
| 06/11/85 18:00 | 0.00                         |
| 06/11/85 18:15 | 0.00                         |
| 06/11/85 18:30 | 0.00                         |
| 06/11/85 18:45 | 0.00                         |
| 06/11/85 19:00 | 0.00                         |
| 06/11/85 19:15 | 0.00                         |
| 06/11/85 19:30 | 0.00                         |
| 06/11/85 19:45 | 0.00                         |
| 06/11/85 20:00 | 0.00                         |
| 06/11/85 20:15 | 0.00                         |
| 06/11/85 20:30 | 0.00                         |
| 06/11/85 20:45 | 0.00                         |
| 06/15/85 12:30 | 0.00                         |
| 06/15/85 12:45 | 0.00                         |
| 06/15/85 13:00 | 0.00                         |
| 06/18/85 07:15 | 0.02                         |
| 06/18/85 07:30 | 0.00                         |
| 06/18/85 07:45 | 0.00                         |
| 06/18/85 08:00 | 0.01                         |
| 06/18/85 08:15 | 0.01                         |
| 06/18/85 08:30 | 0.00                         |
| 06/18/85 08:45 | 0.00                         |
| 06/19/85 08:00 | 0.00                         |
| 07/01/85 00:15 | 0.00                         |
| 07/19/85 09:00 | 0.00                         |
| 07/21/85 08:00 | 0.04                         |
| 07/21/85 13:45 | 0.01                         |
| 07/21/85 14:00 | 0.01                         |
| 07/21/85 14:15 | 0.00                         |
| 07/21/85 14:30 | 0.00                         |
| 07/21/85 14:45 | 0.00                         |
| 07/21/85 15:00 | 0.00                         |
| 07/21/85 15:30 | 0.00                         |
| 07/21/85 16:00 | 0.00                         |
| 07/21/85 16:30 | 0.00                         |
| 07/21/85 17:00 | 0.00                         |
| 07/21/85 17:30 | 0.00                         |
| 07/21/85 18:00 | 0.00                         |
| 07/21/85 18:15 | 0.00                         |
| 08/01/85 00:15 | 0.00                         |
| 08/05/85 18:15 | 0.00                         |
| 08/20/85 20:15 | 0.00                         |
| 08/20/85 21:00 | 0.00                         |
| 08/20/85 21:45 | 0.00                         |
| 08/21/85 01:15 | 0.00                         |
| 08/24/85 11:00 | 0.01                         |
| 08/24/85 11:15 | 0.01                         |
| 09/01/85 00:15 | 0.00                         |
| 09/12/85 19:30 | 0.00                         |
| 09/13/85 22:00 | 0.00                         |
| 09/13/85 22:15 | 0.00                         |
| 09/13/85 22:30 | 0.00                         |
| 09/13/85 22:45 | 0.01                         |
| 09/13/85 23:00 | 0.01                         |
| 09/13/85 23:15 | 0.03                         |
| 09/13/85 23:30 | 0.05                         |
| 09/13/85 23:45 | 0.01                         |
| 09/14/85 00:15 | 0.01                         |
| 09/14/85 00:30 | 0.02                         |
| 09/14/85 00:45 | 0.03                         |
| 09/14/85 01:00 | 0.03                         |
| 09/14/85 01:15 | 0.01                         |
| 09/14/85 01:30 | 0.01                         |
| 09/14/85 01:45 | 0.01                         |
| 09/14/85 02:00 | 0.01                         |
| 09/14/85 02:15 | 0.01                         |
| 09/14/85 02:30 | 0.01                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 09/14/85 02:45 | 0.01                         |
| 09/14/85 03:00 | 0.00                         |
| 09/14/85 03:15 | 0.00                         |
| 09/14/85 03:30 | 0.00                         |
| 09/14/85 03:45 | 0.00                         |
| 09/14/85 04:00 | 0.00                         |
| 09/14/85 04:15 | 0.00                         |
| 09/14/85 04:30 | 0.00                         |
| 09/14/85 04:45 | 0.00                         |
| 09/14/85 05:00 | 0.00                         |
| 09/14/85 05:15 | 0.00                         |
| 09/14/85 05:30 | 0.00                         |
| 09/14/85 05:45 | 0.00                         |
| 09/14/85 06:00 | 0.00                         |
| 09/14/85 06:15 | 0.00                         |
| 09/14/85 06:30 | 0.00                         |
| 09/14/85 07:00 | 0.00                         |
| 09/14/85 10:00 | 0.01                         |
| 09/14/85 14:00 | 0.00                         |
| 09/14/85 14:30 | 0.00                         |
| 09/14/85 17:00 | 0.00                         |
| 09/14/85 18:15 | 0.00                         |
| 09/14/85 19:00 | 0.00                         |
| 09/28/85 19:45 | 0.00                         |
| 09/28/85 20:00 | 0.00                         |
| 09/28/85 20:15 | 0.00                         |
| 09/28/85 23:30 | 0.00                         |
| 09/28/85 23:45 | 0.00                         |
| 09/29/85 02:00 | 0.00                         |
| 09/29/85 02:30 | 0.00                         |
| 09/29/85 02:45 | 0.00                         |
| 09/29/85 03:00 | 0.00                         |
| 09/29/85 04:00 | 0.00                         |
| 09/29/85 05:00 | 0.01                         |
| 09/29/85 05:15 | 0.01                         |
| 09/29/85 05:30 | 0.01                         |
| 09/29/85 06:00 | 0.00                         |
| 09/29/85 06:30 | 0.00                         |
| 09/29/85 07:15 | 0.01                         |
| 09/29/85 07:30 | 0.02                         |
| 09/29/85 07:45 | 0.04                         |
| 09/29/85 08:00 | 0.03                         |
| 09/29/85 08:15 | 0.02                         |
| 09/29/85 08:30 | 0.01                         |
| 09/29/85 08:45 | 0.01                         |
| 09/29/85 09:00 | 0.00                         |
| 09/29/85 09:15 | 0.00                         |
| 09/29/85 09:30 | 0.00                         |
| 09/29/85 09:45 | 0.00                         |
| 09/29/85 10:00 | 0.00                         |
| 09/29/85 10:15 | 0.00                         |
| 09/29/85 10:30 | 0.00                         |
| 09/29/85 10:45 | 0.00                         |
| 09/29/85 11:00 | 0.00                         |
| 09/29/85 11:15 | 0.00                         |
| 09/29/85 11:30 | 0.00                         |
| 09/29/85 11:45 | 0.00                         |
| 09/29/85 12:00 | 0.00                         |
| 09/29/85 12:15 | 0.00                         |
| 09/29/85 12:30 | 0.00                         |
| 09/29/85 12:45 | 0.00                         |
| 09/29/85 13:00 | 0.00                         |
| 10/01/85 00:15 | 0.00                         |
| 10/10/85 13:45 | 0.00                         |
| 10/10/85 14:00 | 0.00                         |
| 10/10/85 14:15 | 0.00                         |
| 10/10/85 14:30 | 0.00                         |
| 10/10/85 15:15 | 0.00                         |
| 10/10/85 16:00 | 0.00                         |
| 10/10/85 16:45 | 0.00                         |
| 10/11/85 03:45 | 0.00                         |
| 10/11/85 04:30 | 0.00                         |
| 10/11/85 04:45 | 0.00                         |
| 10/11/85 05:00 | 0.00                         |
| 10/11/85 05:15 | 0.01                         |
| 10/11/85 05:30 | 0.01                         |
| 10/11/85 05:45 | 0.01                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 10/11/85 06:00 | 0.00                         |
| 10/14/85 10:30 | 0.00                         |
| 10/14/85 10:45 | 0.00                         |
| 10/14/85 11:00 | 0.01                         |
| 10/14/85 11:15 | 0.01                         |
| 10/14/85 11:30 | 0.01                         |
| 10/14/85 12:30 | 0.01                         |
| 10/17/85 13:00 | 0.00                         |
| 10/17/85 13:15 | 0.00                         |
| 10/17/85 13:30 | 0.00                         |
| 10/17/85 14:15 | 0.00                         |
| 10/17/85 15:45 | 0.00                         |
| 10/17/85 16:15 | 0.00                         |
| 10/17/85 16:30 | 0.01                         |
| 10/17/85 16:45 | 0.01                         |
| 10/17/85 17:00 | 0.01                         |
| 10/17/85 17:15 | 0.01                         |
| 10/17/85 17:30 | 0.00                         |
| 10/17/85 17:45 | 0.00                         |
| 10/17/85 18:00 | 0.00                         |
| 10/17/85 18:15 | 0.00                         |
| 10/17/85 18:30 | 0.00                         |
| 10/17/85 18:45 | 0.01                         |
| 10/17/85 19:00 | 0.01                         |
| 10/17/85 19:30 | 0.00                         |
| 10/17/85 19:45 | 0.00                         |
| 10/18/85 07:45 | 0.00                         |
| 10/18/85 08:00 | 0.00                         |
| 10/18/85 08:15 | 0.00                         |
| 10/18/85 08:30 | 0.00                         |
| 10/18/85 08:45 | 0.00                         |
| 10/18/85 09:00 | 0.00                         |
| 10/18/85 09:15 | 0.02                         |
| 10/18/85 09:30 | 0.00                         |
| 10/18/85 09:45 | 0.00                         |
| 10/18/85 10:00 | 0.00                         |
| 10/18/85 10:15 | 0.00                         |
| 10/18/85 10:30 | 0.00                         |
| 10/18/85 10:45 | 0.00                         |
| 10/18/85 16:30 | 0.00                         |
| 10/18/85 17:00 | 0.00                         |
| 10/18/85 17:30 | 0.00                         |
| 10/19/85 00:15 | 0.00                         |
| 10/19/85 00:30 | 0.00                         |
| 10/19/85 00:45 | 0.00                         |
| 10/19/85 01:00 | 0.00                         |
| 10/19/85 01:15 | 0.00                         |
| 10/19/85 01:30 | 0.00                         |
| 10/19/85 01:45 | 0.00                         |
| 10/19/85 02:00 | 0.00                         |
| 10/19/85 02:15 | 0.00                         |
| 10/19/85 02:30 | 0.00                         |
| 10/19/85 02:45 | 0.00                         |
| 10/19/85 03:00 | 0.00                         |
| 10/19/85 03:15 | 0.00                         |
| 10/19/85 03:30 | 0.00                         |
| 10/19/85 03:45 | 0.00                         |
| 10/19/85 04:00 | 0.00                         |
| 10/19/85 04:15 | 0.00                         |
| 10/19/85 04:30 | 0.00                         |
| 10/19/85 04:45 | 0.00                         |
| 10/19/85 05:00 | 0.00                         |
| 10/19/85 05:15 | 0.00                         |
| 10/19/85 05:30 | 0.00                         |
| 10/19/85 06:00 | 0.00                         |
| 10/19/85 06:15 | 0.00                         |
| 10/19/85 06:30 | 0.01                         |
| 10/19/85 06:45 | 0.01                         |
| 10/19/85 07:00 | 0.00                         |
| 10/19/85 07:15 | 0.01                         |
| 10/19/85 07:30 | 0.01                         |
| 10/19/85 07:45 | 0.00                         |
| 10/19/85 08:15 | 0.01                         |
| 10/19/85 08:30 | 0.01                         |
| 10/19/85 08:45 | 0.01                         |
| 10/19/85 09:00 | 0.00                         |
| 10/19/85 09:15 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 10/19/85 09:30 | 0.00                         |
| 10/19/85 09:45 | 0.00                         |
| 10/19/85 10:00 | 0.00                         |
| 10/19/85 10:30 | 0.00                         |
| 10/19/85 11:00 | 0.00                         |
| 10/19/85 11:30 | 0.00                         |
| 10/19/85 11:45 | 0.00                         |
| 10/19/85 12:00 | 0.00                         |
| 10/21/85 08:00 | 0.00                         |
| 10/28/85 08:00 | 0.08                         |
| 10/28/85 12:30 | 0.00                         |
| 10/28/85 13:15 | 0.00                         |
| 10/28/85 14:00 | 0.00                         |
| 10/28/85 14:45 | 0.00                         |
| 10/28/85 15:30 | 0.00                         |
| 10/28/85 20:00 | 0.00                         |
| 10/28/85 20:30 | 0.00                         |
| 10/28/85 21:00 | 0.00                         |
| 10/28/85 21:15 | 0.00                         |
| 10/28/85 21:30 | 0.00                         |
| 10/28/85 21:45 | 0.00                         |
| 10/28/85 22:00 | 0.00                         |
| 10/28/85 22:15 | 0.00                         |
| 10/28/85 22:30 | 0.00                         |
| 10/28/85 22:45 | 0.00                         |
| 10/28/85 23:00 | 0.00                         |
| 10/28/85 23:15 | 0.00                         |
| 10/28/85 23:30 | 0.00                         |
| 10/29/85 01:30 | 0.00                         |
| 10/29/85 01:45 | 0.00                         |
| 10/29/85 02:00 | 0.00                         |
| 10/29/85 02:15 | 0.00                         |
| 10/29/85 02:30 | 0.00                         |
| 10/29/85 02:45 | 0.01                         |
| 10/29/85 03:00 | 0.01                         |
| 10/29/85 03:15 | 0.00                         |
| 10/29/85 03:30 | 0.00                         |
| 10/29/85 03:45 | 0.00                         |
| 10/29/85 04:00 | 0.00                         |
| 10/29/85 04:15 | 0.00                         |
| 10/29/85 04:30 | 0.00                         |
| 10/29/85 05:15 | 0.00                         |
| 10/29/85 05:30 | 0.00                         |
| 10/29/85 05:45 | 0.00                         |
| 10/29/85 06:30 | 0.00                         |
| 10/29/85 07:15 | 0.00                         |
| 10/29/85 08:00 | 0.00                         |
| 10/29/85 08:45 | 0.00                         |
| 10/29/85 09:15 | 0.00                         |
| 10/29/85 09:30 | 0.00                         |
| 10/29/85 09:45 | 0.00                         |
| 10/29/85 10:00 | 0.00                         |
| 10/29/85 10:30 | 0.00                         |
| 10/29/85 11:00 | 0.00                         |
| 10/29/85 11:15 | 0.00                         |
| 10/29/85 11:30 | 0.00                         |
| 10/29/85 11:45 | 0.00                         |
| 10/29/85 12:00 | 0.00                         |
| 10/29/85 12:15 | 0.00                         |
| 10/29/85 12:30 | 0.00                         |
| 10/29/85 13:00 | 0.00                         |
| 10/29/85 15:15 | 0.00                         |
| 10/29/85 17:00 | 0.00                         |
| 10/29/85 18:45 | 0.00                         |
| 10/29/85 20:30 | 0.00                         |
| 10/29/85 22:15 | 0.00                         |
| 10/30/85 01:45 | 0.00                         |
| 10/30/85 09:00 | 0.00                         |
| 11/01/85 00:15 | 0.00                         |
| 11/01/85 08:00 | 0.00                         |
| 11/12/85 07:00 | 0.01                         |
| 11/13/85 23:15 | 0.00                         |
| 11/13/85 23:30 | 0.00                         |
| 11/13/85 23:45 | 0.00                         |
| 11/14/85 02:00 | 0.00                         |
| 11/14/85 02:15 | 0.01                         |
| 11/14/85 02:30 | 0.01                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 11/14/85 02:45 | 0.00                         |
| 11/14/85 03:00 | 0.01                         |
| 11/14/85 03:15 | 0.00                         |
| 11/14/85 03:30 | 0.00                         |
| 11/14/85 03:45 | 0.00                         |
| 11/14/85 04:00 | 0.01                         |
| 11/14/85 04:15 | 0.01                         |
| 11/14/85 04:30 | 0.01                         |
| 11/14/85 04:45 | 0.01                         |
| 11/14/85 05:00 | 0.01                         |
| 11/14/85 05:15 | 0.00                         |
| 11/14/85 05:30 | 0.00                         |
| 11/14/85 05:45 | 0.00                         |
| 11/14/85 06:00 | 0.00                         |
| 11/14/85 06:15 | 0.00                         |
| 11/14/85 06:30 | 0.01                         |
| 11/14/85 06:45 | 0.00                         |
| 11/14/85 07:30 | 0.00                         |
| 11/14/85 08:15 | 0.00                         |
| 11/14/85 09:15 | 0.00                         |
| 11/14/85 09:45 | 0.00                         |
| 11/18/85 09:00 | 0.00                         |
| 11/30/85 08:00 | 0.12                         |
| 12/01/85 00:15 | 0.00                         |
| 12/09/85 09:00 | 0.00                         |
| 12/11/85 08:00 | 0.00                         |
| 01/01/86 00:15 | 0.00                         |
| 01/02/86 12:00 | 0.00                         |
| 02/01/86 00:15 | 0.00                         |
| 02/03/86 07:00 | 0.00                         |
| 02/03/86 08:15 | 0.00                         |
| 02/03/86 08:30 | 0.00                         |
| 02/03/86 08:45 | 0.01                         |
| 02/03/86 09:00 | 0.00                         |
| 02/03/86 09:45 | 0.00                         |
| 02/03/86 10:15 | 0.00                         |
| 02/03/86 12:00 | 0.00                         |
| 02/03/86 13:15 | 0.00                         |
| 02/03/86 14:45 | 0.00                         |
| 02/03/86 15:00 | 0.00                         |
| 02/03/86 15:30 | 0.00                         |
| 02/05/86 12:30 | 0.01                         |
| 02/05/86 12:45 | 0.01                         |
| 02/05/86 13:00 | 0.01                         |
| 02/05/86 13:15 | 0.01                         |
| 02/05/86 13:30 | 0.01                         |
| 02/05/86 13:45 | 0.01                         |
| 02/05/86 14:00 | 0.01                         |
| 02/05/86 14:15 | 0.00                         |
| 02/05/86 14:30 | 0.00                         |
| 02/05/86 14:45 | 0.00                         |
| 02/05/86 15:30 | 0.00                         |
| 02/05/86 15:45 | 0.00                         |
| 02/05/86 16:00 | 0.00                         |
| 02/05/86 16:15 | 0.01                         |
| 02/05/86 16:30 | 0.01                         |
| 02/05/86 17:15 | 0.00                         |
| 02/05/86 19:00 | 0.00                         |
| 02/05/86 19:15 | 0.00                         |
| 02/05/86 19:45 | 0.00                         |
| 02/05/86 20:00 | 0.00                         |
| 02/05/86 20:15 | 0.00                         |
| 02/05/86 20:30 | 0.01                         |
| 02/05/86 20:45 | 0.01                         |
| 02/05/86 21:00 | 0.00                         |
| 02/05/86 21:30 | 0.00                         |
| 02/05/86 21:45 | 0.01                         |
| 02/05/86 22:00 | 0.00                         |
| 02/05/86 22:15 | 0.00                         |
| 02/05/86 22:30 | 0.00                         |
| 02/05/86 22:45 | 0.00                         |
| 02/05/86 23:00 | 0.00                         |
| 02/05/86 23:15 | 0.00                         |
| 02/05/86 23:30 | 0.00                         |
| 02/07/86 15:15 | 0.01                         |
| 02/07/86 15:30 | 0.00                         |
| 02/07/86 15:45 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 02/07/86 16:15 | 0.00                         |
| 02/07/86 16:30 | 0.00                         |
| 02/07/86 17:00 | 0.00                         |
| 02/09/86 10:15 | 0.00                         |
| 02/09/86 10:30 | 0.00                         |
| 02/09/86 11:00 | 0.00                         |
| 02/09/86 11:15 | 0.00                         |
| 02/09/86 11:30 | 0.00                         |
| 02/09/86 12:30 | 0.00                         |
| 03/01/86 00:15 | 0.00                         |
| 03/09/86 09:00 | 0.00                         |
| 03/10/86 08:00 | 0.01                         |
| 03/11/86 18:30 | 0.01                         |
| 03/11/86 18:45 | 0.01                         |
| 03/11/86 20:15 | 0.00                         |
| 03/11/86 21:15 | 0.00                         |
| 03/11/86 22:30 | 0.00                         |
| 03/12/86 21:30 | 0.00                         |
| 03/12/86 23:15 | 0.00                         |
| 03/12/86 23:30 | 0.00                         |
| 03/13/86 00:15 | 0.00                         |
| 03/13/86 01:15 | 0.00                         |
| 03/13/86 02:15 | 0.00                         |
| 03/13/86 20:45 | 0.00                         |
| 03/13/86 21:00 | 0.01                         |
| 03/13/86 21:15 | 0.01                         |
| 03/13/86 21:30 | 0.01                         |
| 03/13/86 21:45 | 0.01                         |
| 03/13/86 22:00 | 0.01                         |
| 03/13/86 22:15 | 0.01                         |
| 03/13/86 23:30 | 0.00                         |
| 03/18/86 02:30 | 0.01                         |
| 03/18/86 02:45 | 0.01                         |
| 03/18/86 03:00 | 0.01                         |
| 03/18/86 03:30 | 0.01                         |
| 03/18/86 03:45 | 0.00                         |
| 03/18/86 04:00 | 0.00                         |
| 03/18/86 04:15 | 0.00                         |
| 03/18/86 05:00 | 0.00                         |
| 03/18/86 05:15 | 0.00                         |
| 03/18/86 05:30 | 0.00                         |
| 03/18/86 05:45 | 0.00                         |
| 03/18/86 06:00 | 0.00                         |
| 03/18/86 06:15 | 0.00                         |
| 03/18/86 06:30 | 0.00                         |
| 03/18/86 06:45 | 0.00                         |
| 04/01/86 00:15 | 0.00                         |
| 04/03/86 19:00 | 0.05                         |
| 04/03/86 19:15 | 0.06                         |
| 04/03/86 19:30 | 0.03                         |
| 04/03/86 19:45 | 0.02                         |
| 04/04/86 14:30 | 0.00                         |
| 04/04/86 15:30 | 0.00                         |
| 04/04/86 18:00 | 0.00                         |
| 04/04/86 21:00 | 0.01                         |
| 04/04/86 22:00 | 0.00                         |
| 04/04/86 22:15 | 0.00                         |
| 04/04/86 22:45 | 0.00                         |
| 04/04/86 23:15 | 0.05                         |
| 04/07/86 09:00 | 0.00                         |
| 04/28/86 07:00 | 0.25                         |
| 04/29/86 21:00 | 0.03                         |
| 04/29/86 21:15 | 0.04                         |
| 04/29/86 21:30 | 0.01                         |
| 04/29/86 21:45 | 0.00                         |
| 04/29/86 22:00 | 0.00                         |
| 04/29/86 22:15 | 0.00                         |
| 04/29/86 22:30 | 0.00                         |
| 04/29/86 23:00 | 0.00                         |
| 04/29/86 23:30 | 0.00                         |
| 05/01/86 00:15 | 0.00                         |
| 05/02/86 08:00 | 0.00                         |
| 05/07/86 18:15 | 0.00                         |
| 05/07/86 18:30 | 0.01                         |
| 05/07/86 18:45 | 0.01                         |
| 05/07/86 19:00 | 0.01                         |
| 05/07/86 19:15 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 05/07/86 19:30 | 0.00                         |
| 05/07/86 19:45 | 0.00                         |
| 05/07/86 20:00 | 0.00                         |
| 05/07/86 20:15 | 0.00                         |
| 05/08/86 08:00 | 0.00                         |
| 05/09/86 08:00 | 0.00                         |
| 05/09/86 19:30 | 0.01                         |
| 05/09/86 19:45 | 0.00                         |
| 05/09/86 20:00 | 0.00                         |
| 05/09/86 20:30 | 0.03                         |
| 05/09/86 20:45 | 0.01                         |
| 05/09/86 21:00 | 0.01                         |
| 05/09/86 21:15 | 0.02                         |
| 05/09/86 21:30 | 0.01                         |
| 05/09/86 21:45 | 0.02                         |
| 05/09/86 22:00 | 0.01                         |
| 05/09/86 22:15 | 0.01                         |
| 05/09/86 22:30 | 0.00                         |
| 05/09/86 22:45 | 0.00                         |
| 05/16/86 02:45 | 0.01                         |
| 05/16/86 03:00 | 0.04                         |
| 05/16/86 03:15 | 0.01                         |
| 05/16/86 03:30 | 0.01                         |
| 05/16/86 03:45 | 0.00                         |
| 05/16/86 04:00 | 0.00                         |
| 05/16/86 04:30 | 0.00                         |
| 05/16/86 04:45 | 0.00                         |
| 05/16/86 05:45 | 0.00                         |
| 05/16/86 06:00 | 0.00                         |
| 05/16/86 06:15 | 0.01                         |
| 05/16/86 06:30 | 0.01                         |
| 05/16/86 06:45 | 0.01                         |
| 05/16/86 07:00 | 0.00                         |
| 05/16/86 07:45 | 0.00                         |
| 05/16/86 08:00 | 0.00                         |
| 05/16/86 08:15 | 0.00                         |
| 05/16/86 08:30 | 0.01                         |
| 05/16/86 08:45 | 0.00                         |
| 05/16/86 09:00 | 0.00                         |
| 05/16/86 09:15 | 0.01                         |
| 05/16/86 09:30 | 0.01                         |
| 05/16/86 09:45 | 0.01                         |
| 05/16/86 10:00 | 0.00                         |
| 05/16/86 10:15 | 0.00                         |
| 05/16/86 10:30 | 0.00                         |
| 05/16/86 10:45 | 0.00                         |
| 05/16/86 11:00 | 0.00                         |
| 05/16/86 11:15 | 0.01                         |
| 05/16/86 11:30 | 0.01                         |
| 05/16/86 11:45 | 0.01                         |
| 05/16/86 12:00 | 0.00                         |
| 05/16/86 12:15 | 0.00                         |
| 05/16/86 12:30 | 0.00                         |
| 05/16/86 12:45 | 0.00                         |
| 05/16/86 13:00 | 0.00                         |
| 05/16/86 13:30 | 0.00                         |
| 05/16/86 13:45 | 0.00                         |
| 05/16/86 14:45 | 0.00                         |
| 05/16/86 16:45 | 0.00                         |
| 05/16/86 18:45 | 0.00                         |
| 05/16/86 20:15 | 0.00                         |
| 05/16/86 21:30 | 0.00                         |
| 05/16/86 22:30 | 0.00                         |
| 05/16/86 22:45 | 0.00                         |
| 05/16/86 23:00 | 0.00                         |
| 05/16/86 23:15 | 0.00                         |
| 05/17/86 01:15 | 0.00                         |
| 05/23/86 09:00 | 0.00                         |
| 05/29/86 08:00 | 0.15                         |
| 06/01/86 00:15 | 0.00                         |
| 06/02/86 08:00 | 0.00                         |
| 06/03/86 03:00 | 0.00                         |
| 06/03/86 06:00 | 0.04                         |
| 06/03/86 07:00 | 0.00                         |
| 06/04/86 08:00 | 0.00                         |
| 06/08/86 09:00 | 0.00                         |
| 06/10/86 08:00 | 0.26                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 06/10/86 20:00 | 0.00                         |
| 06/15/86 06:00 | 0.17                         |
| 06/15/86 07:00 | 0.00                         |
| 06/16/86 08:00 | 0.04                         |
| 06/16/86 09:00 | 0.00                         |
| 06/30/86 08:00 | 0.00                         |
| 06/30/86 09:00 | 0.00                         |
| 07/01/86 00:15 | 0.00                         |
| 07/01/86 08:00 | 0.00                         |
| 08/01/86 00:15 | 0.00                         |
| 08/03/86 08:00 | 0.00                         |
| 08/04/86 07:00 | 0.11                         |
| 08/06/86 07:00 | 0.00                         |
| 08/08/86 08:00 | 0.04                         |
| 08/10/86 13:00 | 0.01                         |
| 08/10/86 13:15 | 0.00                         |
| 08/10/86 13:30 | 0.00                         |
| 08/23/86 08:00 | 0.00                         |
| 08/24/86 07:00 | 0.06                         |
| 08/27/86 13:00 | 0.01                         |
| 08/27/86 13:15 | 0.00                         |
| 08/27/86 13:30 | 0.00                         |
| 08/27/86 13:45 | 0.00                         |
| 08/27/86 14:00 | 0.00                         |
| 08/31/86 23:15 | 0.00                         |
| 08/31/86 23:30 | 0.00                         |
| 08/31/86 23:45 | 0.00                         |
| 09/01/86 00:15 | 0.00                         |
| 09/03/86 07:00 | 0.48                         |
| 09/03/86 16:45 | 0.00                         |
| 09/03/86 17:00 | 0.00                         |
| 09/03/86 17:15 | 0.01                         |
| 09/03/86 17:30 | 0.02                         |
| 09/03/86 17:45 | 0.00                         |
| 09/03/86 18:00 | 0.00                         |
| 09/03/86 18:15 | 0.01                         |
| 09/04/86 08:00 | 0.00                         |
| 09/29/86 07:00 | 0.00                         |
| 10/01/86 00:15 | 0.00                         |
| 10/04/86 06:15 | 0.00                         |
| 10/04/86 06:30 | 0.01                         |
| 10/04/86 06:45 | 0.02                         |
| 10/04/86 07:00 | 0.03                         |
| 10/04/86 08:45 | 0.01                         |
| 10/04/86 09:00 | 0.01                         |
| 10/04/86 09:15 | 0.02                         |
| 10/04/86 09:30 | 0.01                         |
| 10/04/86 09:45 | 0.00                         |
| 10/04/86 10:45 | 0.00                         |
| 10/04/86 11:45 | 0.00                         |
| 10/04/86 12:00 | 0.00                         |
| 10/04/86 13:00 | 0.00                         |
| 10/04/86 13:45 | 0.00                         |
| 10/04/86 14:00 | 0.00                         |
| 10/04/86 14:15 | 0.01                         |
| 10/04/86 14:45 | 0.00                         |
| 10/05/86 07:30 | 0.01                         |
| 10/05/86 07:45 | 0.00                         |
| 10/05/86 08:30 | 0.00                         |
| 10/05/86 09:15 | 0.02                         |
| 10/05/86 09:30 | 0.00                         |
| 10/05/86 10:00 | 0.00                         |
| 10/05/86 10:45 | 0.00                         |
| 10/05/86 14:00 | 0.00                         |
| 10/05/86 17:15 | 0.00                         |
| 10/05/86 23:45 | 0.00                         |
| 10/06/86 00:15 | 0.01                         |
| 10/06/86 01:00 | 0.00                         |
| 10/06/86 01:45 | 0.00                         |
| 10/06/86 02:00 | 0.00                         |
| 10/06/86 02:15 | 0.00                         |
| 10/06/86 02:30 | 0.00                         |
| 10/06/86 02:45 | 0.00                         |
| 10/06/86 03:00 | 0.00                         |
| 10/06/86 03:15 | 0.00                         |
| 10/06/86 08:30 | 0.00                         |
| 10/06/86 09:00 | 0.00                         |



| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 10/06/86 09:45 | 0.00                         |
| 10/06/86 10:00 | 0.00                         |
| 10/06/86 10:30 | 0.00                         |
| 10/12/86 17:00 | 0.00                         |
| 10/12/86 17:15 | 0.00                         |
| 10/12/86 17:30 | 0.01                         |
| 10/22/86 09:00 | 0.00                         |
| 10/23/86 08:00 | 0.03                         |
| 11/01/86 00:15 | 0.00                         |
| 11/01/86 22:45 | 0.00                         |
| 11/02/86 01:15 | 0.00                         |
| 11/02/86 02:00 | 0.00                         |
| 11/02/86 02:45 | 0.00                         |
| 11/02/86 03:30 | 0.00                         |
| 11/02/86 04:15 | 0.00                         |
| 11/02/86 04:45 | 0.00                         |
| 11/02/86 06:00 | 0.00                         |
| 11/02/86 08:00 | 0.08                         |
| 11/02/86 08:30 | 0.00                         |
| 11/02/86 08:45 | 0.00                         |
| 11/02/86 09:00 | 0.00                         |
| 11/02/86 09:15 | 0.00                         |
| 11/02/86 09:30 | 0.00                         |
| 11/02/86 09:45 | 0.00                         |
| 11/10/86 09:00 | 0.00                         |
| 11/10/86 09:30 | 0.00                         |
| 11/10/86 09:45 | 0.00                         |
| 11/10/86 10:00 | 0.00                         |
| 11/10/86 10:15 | 0.00                         |
| 11/10/86 10:30 | 0.00                         |
| 11/10/86 13:15 | 0.01                         |
| 11/10/86 13:30 | 0.00                         |
| 11/10/86 13:45 | 0.01                         |
| 11/10/86 14:00 | 0.01                         |
| 11/10/86 14:15 | 0.01                         |
| 11/10/86 14:45 | 0.00                         |
| 11/10/86 15:15 | 0.00                         |
| 11/10/86 15:45 | 0.00                         |
| 11/10/86 16:15 | 0.00                         |
| 11/10/86 16:30 | 0.00                         |
| 11/10/86 16:45 | 0.00                         |
| 11/10/86 17:00 | 0.00                         |
| 11/10/86 17:15 | 0.00                         |
| 11/10/86 17:30 | 0.00                         |
| 11/10/86 17:45 | 0.00                         |
| 11/10/86 18:00 | 0.01                         |
| 11/10/86 18:15 | 0.01                         |
| 11/10/86 18:30 | 0.00                         |
| 11/10/86 18:45 | 0.00                         |
| 11/10/86 19:00 | 0.01                         |
| 11/10/86 19:15 | 0.01                         |
| 11/10/86 19:30 | 0.00                         |
| 11/10/86 19:45 | 0.01                         |
| 11/10/86 20:00 | 0.00                         |
| 11/10/86 20:15 | 0.00                         |
| 11/10/86 20:30 | 0.00                         |
| 11/10/86 20:45 | 0.00                         |
| 11/10/86 21:00 | 0.00                         |
| 11/10/86 21:15 | 0.00                         |
| 11/10/86 21:30 | 0.00                         |
| 11/10/86 21:45 | 0.00                         |
| 11/10/86 22:00 | 0.00                         |
| 11/10/86 22:15 | 0.00                         |
| 11/10/86 22:30 | 0.00                         |
| 11/10/86 22:45 | 0.00                         |
| 11/21/86 08:00 | 0.00                         |
| 11/22/86 08:00 | 0.00                         |
| 11/24/86 08:00 | 0.00                         |
| 11/26/86 07:00 | 0.08                         |
| 12/01/86 00:15 | 0.00                         |
| 12/08/86 08:00 | 0.00                         |
| 12/08/86 20:00 | 0.00                         |
| 12/08/86 20:15 | 0.01                         |
| 12/11/86 21:15 | 0.00                         |
| 12/11/86 21:30 | 0.00                         |
| 12/11/86 21:45 | 0.00                         |
| 12/11/86 22:00 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 12/11/86 22:15 | 0.01                         |
| 12/11/86 22:30 | 0.01                         |
| 12/11/86 22:45 | 0.01                         |
| 12/11/86 23:00 | 0.00                         |
| 12/11/86 23:15 | 0.00                         |
| 12/11/86 23:30 | 0.00                         |
| 12/11/86 23:45 | 0.00                         |
| 12/12/86 00:15 | 0.00                         |
| 12/12/86 01:00 | 0.00                         |
| 12/12/86 01:30 | 0.00                         |
| 12/14/86 12:00 | 0.00                         |
| 12/14/86 12:15 | 0.00                         |
| 12/14/86 12:30 | 0.00                         |
| 12/14/86 12:45 | 0.00                         |
| 12/14/86 13:15 | 0.00                         |
| 12/14/86 13:45 | 0.00                         |
| 12/14/86 14:30 | 0.00                         |
| 12/14/86 15:00 | 0.00                         |
| 12/14/86 15:15 | 0.00                         |
| 12/14/86 15:30 | 0.00                         |
| 12/14/86 15:45 | 0.00                         |
| 12/14/86 16:30 | 0.00                         |
| 12/14/86 17:30 | 0.00                         |
| 12/14/86 18:30 | 0.00                         |
| 12/14/86 19:30 | 0.00                         |
| 12/14/86 20:15 | 0.00                         |
| 12/14/86 21:00 | 0.00                         |
| 12/14/86 21:15 | 0.00                         |
| 12/14/86 21:30 | 0.00                         |
| 12/14/86 21:45 | 0.00                         |
| 12/14/86 22:00 | 0.00                         |
| 12/14/86 22:15 | 0.00                         |
| 12/14/86 22:30 | 0.00                         |
| 12/14/86 22:45 | 0.00                         |
| 12/14/86 23:00 | 0.00                         |
| 12/14/86 23:30 | 0.00                         |
| 12/15/86 00:30 | 0.00                         |
| 12/15/86 01:00 | 0.00                         |
| 12/15/86 01:45 | 0.00                         |
| 12/15/86 03:00 | 0.00                         |
| 12/15/86 03:45 | 0.00                         |
| 12/15/86 04:15 | 0.00                         |
| 12/15/86 04:45 | 0.00                         |
| 12/16/86 05:15 | 0.00                         |
| 12/16/86 05:30 | 0.00                         |
| 12/16/86 05:45 | 0.00                         |
| 12/16/86 06:15 | 0.00                         |
| 12/16/86 08:15 | 0.00                         |
| 12/16/86 08:30 | 0.00                         |
| 12/16/86 08:45 | 0.00                         |
| 12/16/86 09:00 | 0.00                         |
| 12/16/86 09:30 | 0.00                         |
| 12/16/86 10:00 | 0.00                         |
| 12/16/86 10:30 | 0.00                         |
| 12/16/86 11:00 | 0.00                         |
| 12/16/86 12:30 | 0.00                         |
| 12/16/86 13:00 | 0.00                         |
| 12/16/86 13:30 | 0.00                         |
| 12/16/86 14:00 | 0.00                         |
| 12/16/86 14:30 | 0.00                         |
| 12/16/86 15:00 | 0.00                         |
| 12/16/86 16:30 | 0.00                         |
| 12/16/86 18:45 | 0.00                         |
| 12/16/86 22:30 | 0.00                         |
| 12/16/86 22:45 | 0.00                         |
| 12/16/86 23:00 | 0.01                         |
| 12/16/86 23:15 | 0.01                         |
| 12/16/86 23:30 | 0.00                         |
| 12/16/86 23:45 | 0.00                         |
| 12/17/86 00:15 | 0.00                         |
| 12/17/86 00:30 | 0.00                         |
| 12/17/86 00:45 | 0.00                         |
| 12/17/86 01:00 | 0.00                         |
| 12/17/86 01:15 | 0.00                         |
| 12/17/86 01:30 | 0.00                         |
| 12/17/86 01:45 | 0.00                         |
| 12/17/86 02:00 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 12/17/86 02:15 | 0.00                         |
| 12/17/86 02:30 | 0.00                         |
| 12/17/86 02:45 | 0.00                         |
| 12/17/86 03:00 | 0.00                         |
| 12/17/86 03:15 | 0.00                         |
| 12/17/86 03:30 | 0.00                         |
| 12/17/86 03:45 | 0.00                         |
| 12/17/86 04:15 | 0.00                         |
| 12/17/86 05:00 | 0.00                         |
| 01/01/87 00:15 | 0.00                         |
| 01/02/87 13:00 | 0.01                         |
| 01/02/87 14:00 | 0.01                         |
| 01/07/87 18:00 | 0.01                         |
| 01/07/87 23:00 | 0.01                         |
| 01/08/87 01:00 | 0.00                         |
| 01/08/87 02:00 | 0.01                         |
| 01/08/87 03:00 | 0.03                         |
| 01/08/87 04:00 | 0.02                         |
| 01/08/87 05:00 | 0.02                         |
| 01/08/87 06:00 | 0.01                         |
| 01/16/87 01:00 | 0.00                         |
| 01/18/87 18:00 | 0.09                         |
| 02/01/87 00:15 | 0.00                         |
| 02/15/87 08:00 | 0.00                         |
| 02/20/87 01:00 | 0.00                         |
| 02/20/87 01:15 | 0.00                         |
| 02/20/87 01:30 | 0.00                         |
| 02/20/87 01:45 | 0.01                         |
| 02/20/87 02:00 | 0.00                         |
| 02/20/87 02:15 | 0.00                         |
| 02/20/87 02:30 | 0.00                         |
| 02/20/87 02:45 | 0.00                         |
| 02/20/87 03:00 | 0.00                         |
| 02/20/87 03:15 | 0.00                         |
| 02/20/87 03:30 | 0.00                         |
| 02/20/87 03:45 | 0.00                         |
| 02/20/87 04:00 | 0.00                         |
| 02/20/87 04:15 | 0.00                         |
| 02/20/87 04:30 | 0.00                         |
| 02/20/87 04:45 | 0.00                         |
| 02/20/87 05:00 | 0.00                         |
| 02/20/87 05:15 | 0.00                         |
| 02/20/87 05:30 | 0.00                         |
| 02/20/87 05:45 | 0.00                         |
| 02/20/87 06:00 | 0.00                         |
| 02/20/87 06:15 | 0.00                         |
| 02/20/87 06:30 | 0.00                         |
| 02/20/87 06:45 | 0.00                         |
| 02/20/87 09:00 | 0.00                         |
| 02/20/87 09:15 | 0.00                         |
| 02/20/87 09:30 | 0.00                         |
| 02/20/87 09:45 | 0.00                         |
| 02/21/87 09:00 | 0.00                         |
| 03/01/87 00:15 | 0.00                         |
| 04/01/87 00:15 | 0.00                         |
| 05/01/87 00:15 | 0.00                         |
| 06/01/87 00:15 | 0.00                         |
| 06/01/87 09:00 | 0.00                         |
| 06/01/87 10:00 | 0.00                         |
| 07/01/87 00:15 | 0.00                         |
| 08/01/87 00:15 | 0.00                         |
| 09/01/87 00:15 | 0.00                         |
| 09/01/87 07:00 | 0.00                         |
| 09/09/87 09:45 | 0.02                         |
| 09/09/87 10:00 | 0.02                         |
| 09/09/87 10:15 | 0.00                         |
| 09/09/87 10:30 | 0.00                         |
| 09/09/87 10:45 | 0.00                         |
| 09/09/87 11:00 | 0.00                         |
| 09/09/87 11:30 | 0.00                         |
| 09/09/87 11:45 | 0.00                         |
| 09/10/87 07:00 | 0.00                         |
| 09/14/87 12:00 | 0.00                         |
| 09/14/87 22:00 | 0.01                         |
| 09/14/87 23:30 | 0.00                         |
| 09/15/87 01:30 | 0.00                         |
| 09/15/87 03:45 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 09/15/87 04:00 | 0.00                         |
| 09/15/87 04:15 | 0.01                         |
| 09/15/87 04:30 | 0.00                         |
| 09/15/87 09:00 | 0.00                         |
| 10/01/87 00:15 | 0.00                         |
| 10/19/87 13:00 | 0.00                         |
| 10/19/87 13:15 | 0.00                         |
| 10/19/87 13:30 | 0.00                         |
| 10/19/87 13:45 | 0.00                         |
| 10/19/87 14:00 | 0.00                         |
| 10/19/87 14:15 | 0.00                         |
| 10/19/87 14:30 | 0.00                         |
| 10/19/87 14:45 | 0.00                         |
| 10/19/87 15:30 | 0.00                         |
| 10/19/87 18:00 | 0.00                         |
| 10/19/87 19:30 | 0.00                         |
| 10/20/87 01:30 | 0.00                         |
| 10/20/87 05:15 | 0.02                         |
| 10/20/87 05:30 | 0.02                         |
| 10/20/87 05:45 | 0.01                         |
| 10/20/87 06:00 | 0.00                         |
| 10/20/87 06:15 | 0.00                         |
| 10/20/87 06:30 | 0.00                         |
| 11/01/87 00:15 | 0.00                         |
| 12/01/87 00:15 | 0.00                         |
| 01/01/88 00:15 | 0.00                         |
| 02/01/88 00:15 | 0.00                         |
| 03/01/88 00:15 | 0.00                         |
| 04/01/88 00:15 | 0.00                         |
| 04/04/88 11:00 | 0.00                         |
| 04/05/88 09:00 | 0.00                         |
| 04/06/88 08:00 | 0.01                         |
| 04/06/88 09:00 | 0.00                         |
| 05/01/88 00:15 | 0.00                         |
| 06/01/88 00:15 | 0.00                         |
| 06/15/88 08:00 | 0.00                         |
| 06/25/88 04:45 | 0.02                         |
| 06/25/88 05:00 | 0.00                         |
| 06/25/88 05:15 | 0.00                         |
| 06/25/88 05:30 | 0.00                         |
| 06/27/88 14:15 | 0.01                         |
| 06/27/88 14:30 | 0.03                         |
| 06/27/88 14:45 | 0.03                         |
| 06/27/88 15:00 | 0.01                         |
| 06/27/88 15:15 | 0.00                         |
| 06/27/88 15:30 | 0.00                         |
| 06/27/88 15:45 | 0.00                         |
| 06/28/88 10:00 | 0.00                         |
| 07/01/88 00:15 | 0.00                         |
| 07/07/88 07:30 | 0.00                         |
| 07/10/88 09:00 | 0.10                         |
| 07/10/88 09:30 | 0.20                         |
| 07/10/88 10:00 | 0.10                         |
| 07/10/88 10:30 | 0.10                         |
| 07/10/88 21:45 | 0.10                         |
| 07/11/88 03:00 | 0.10                         |
| 07/11/88 18:45 | 0.50                         |
| 07/11/88 19:00 | 0.10                         |
| 07/19/88 20:15 | 0.10                         |
| 07/19/88 20:30 | 1.10                         |
| 07/19/88 20:45 | 0.60                         |
| 07/19/88 21:00 | 0.30                         |
| 07/19/88 21:15 | 0.10                         |
| 07/19/88 22:00 | 0.10                         |
| 07/19/88 23:15 | 0.10                         |
| 07/21/88 13:15 | 0.10                         |
| 08/01/88 00:15 | 0.00                         |
| 08/19/88 09:00 | 0.10                         |
| 08/29/88 00:15 | 0.20                         |
| 08/29/88 01:00 | 0.10                         |
| 08/29/88 02:15 | 0.10                         |
| 09/01/88 00:15 | 0.00                         |
| 09/02/88 23:30 | 0.10                         |
| 09/02/88 23:45 | 0.10                         |
| 09/03/88 00:15 | 0.30                         |
| 09/03/88 00:30 | 0.20                         |
| 09/03/88 00:45 | 0.30                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 09/03/88 01:15 | 0.10                         |
| 09/03/88 01:45 | 0.10                         |
| 09/03/88 05:45 | 0.10                         |
| 09/14/88 20:00 | 0.10                         |
| 09/17/88 16:00 | 0.10                         |
| 09/23/88 22:00 | 0.10                         |
| 09/23/88 23:45 | 0.10                         |
| 09/28/88 12:15 | 0.10                         |
| 09/29/88 01:15 | 0.20                         |
| 09/29/88 01:30 | 0.10                         |
| 09/29/88 05:15 | 0.10                         |
| 09/29/88 17:30 | 0.10                         |
| 09/29/88 21:30 | 0.10                         |
| 09/29/88 21:45 | 0.10                         |
| 09/29/88 22:00 | 0.20                         |
| 09/29/88 22:15 | 0.10                         |
| 09/29/88 22:30 | 0.10                         |
| 09/29/88 23:30 | 0.10                         |
| 09/30/88 00:30 | 0.10                         |
| 09/30/88 01:15 | 0.10                         |
| 09/30/88 11:45 | 0.10                         |
| 10/01/88 00:15 | 0.00                         |
| 10/01/88 17:30 | 0.10                         |
| 10/08/88 12:30 | 0.10                         |
| 10/26/88 07:15 | 0.10                         |
| 10/27/88 13:00 | 0.10                         |
| 10/29/88 09:15 | 0.10                         |
| 10/30/88 11:15 | 0.10                         |
| 10/30/88 23:45 | 0.10                         |
| 10/31/88 01:15 | 0.10                         |
| 11/01/88 00:15 | 0.00                         |
| 11/12/88 05:00 | 0.30                         |
| 11/12/88 05:15 | 0.20                         |
| 11/15/88 14:15 | 0.30                         |
| 11/15/88 14:30 | 0.10                         |
| 11/19/88 09:45 | 0.10                         |
| 11/19/88 10:00 | 0.20                         |
| 11/19/88 10:15 | 0.10                         |
| 11/19/88 10:30 | 0.10                         |
| 11/19/88 10:45 | 0.10                         |
| 11/19/88 11:30 | 0.10                         |
| 11/25/88 11:30 | 0.10                         |
| 11/26/88 01:00 | 0.10                         |
| 11/26/88 03:45 | 0.10                         |
| 12/01/88 00:15 | 0.00                         |
| 12/07/88 10:00 | 0.10                         |
| 12/08/88 08:00 | 0.10                         |
| 12/08/88 16:45 | 0.10                         |
| 12/08/88 18:15 | 0.10                         |
| 12/08/88 18:45 | 0.10                         |
| 12/08/88 19:15 | 0.10                         |
| 12/08/88 20:00 | 0.10                         |
| 12/08/88 20:45 | 0.10                         |
| 12/09/88 01:45 | 0.10                         |
| 12/10/88 10:30 | 0.10                         |
| 12/10/88 12:00 | 0.10                         |
| 12/10/88 13:00 | 0.10                         |
| 12/10/88 15:15 | 0.10                         |
| 12/10/88 17:00 | 0.10                         |
| 12/11/88 04:45 | 0.20                         |
| 12/13/88 12:15 | 0.10                         |
| 12/22/88 13:15 | 0.10                         |
| 12/22/88 13:30 | 0.10                         |
| 12/22/88 13:45 | 0.10                         |
| 12/27/88 12:00 | 0.10                         |
| 12/27/88 12:45 | 0.20                         |
| 12/27/88 13:15 | 0.10                         |
| 12/27/88 13:45 | 0.10                         |
| 12/27/88 15:15 | 0.10                         |
| 12/27/88 16:15 | 0.10                         |
| 12/30/88 11:30 | 0.10                         |
| 12/31/88 03:00 | 0.10                         |
| 01/01/89 00:15 | 0.00                         |
| 01/12/89 13:30 | 0.10                         |
| 01/12/89 13:45 | 0.10                         |
| 01/12/89 14:30 | 0.10                         |
| 01/13/89 12:45 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 01/13/89 16:15 | 0.10                         |
| 01/25/89 01:45 | 0.10                         |
| 01/25/89 02:00 | 0.10                         |
| 01/25/89 02:30 | 0.10                         |
| 01/25/89 02:45 | 0.10                         |
| 01/25/89 12:30 | 0.10                         |
| 01/25/89 13:45 | 0.30                         |
| 01/25/89 14:00 | 1.00                         |
| 01/25/89 14:15 | 0.20                         |
| 01/25/89 20:00 | 0.10                         |
| 01/25/89 20:15 | 0.20                         |
| 01/26/89 01:00 | 0.10                         |
| 01/28/89 02:15 | 0.10                         |
| 01/28/89 04:15 | 0.10                         |
| 01/28/89 04:45 | 0.10                         |
| 01/28/89 06:30 | 0.10                         |
| 01/28/89 06:45 | 0.10                         |
| 01/28/89 07:00 | 0.10                         |
| 01/28/89 07:15 | 0.20                         |
| 01/28/89 07:30 | 0.20                         |
| 01/28/89 08:00 | 0.10                         |
| 01/28/89 08:15 | 0.10                         |
| 01/28/89 08:30 | 0.10                         |
| 01/28/89 09:15 | 0.10                         |
| 01/28/89 09:45 | 0.10                         |
| 01/28/89 10:00 | 0.10                         |
| 01/28/89 11:15 | 0.10                         |
| 01/28/89 12:45 | 0.10                         |
| 02/01/89 00:15 | 0.00                         |
| 02/02/89 22:15 | 0.10                         |
| 02/12/89 13:00 | 0.10                         |
| 02/13/89 01:00 | 0.10                         |
| 02/15/89 03:15 | 0.10                         |
| 02/15/89 04:00 | 0.10                         |
| 02/15/89 05:30 | 0.10                         |
| 02/15/89 06:30 | 0.10                         |
| 02/15/89 07:15 | 0.10                         |
| 02/15/89 07:45 | 0.10                         |
| 02/15/89 10:00 | 0.10                         |
| 02/15/89 11:00 | 0.10                         |
| 02/15/89 13:45 | 0.10                         |
| 02/15/89 15:00 | 0.10                         |
| 02/16/89 06:30 | 0.10                         |
| 02/16/89 08:15 | 0.10                         |
| 02/16/89 09:30 | 0.10                         |
| 02/16/89 10:45 | 0.10                         |
| 02/16/89 14:15 | 0.10                         |
| 02/16/89 15:15 | 0.10                         |
| 02/16/89 17:00 | 0.10                         |
| 02/16/89 18:30 | 0.10                         |
| 02/16/89 22:15 | 0.10                         |
| 02/16/89 23:45 | 0.10                         |
| 02/17/89 01:45 | 0.10                         |
| 02/17/89 03:30 | 0.10                         |
| 02/17/89 04:15 | 0.10                         |
| 02/17/89 04:45 | 0.10                         |
| 02/17/89 05:30 | 0.10                         |
| 02/17/89 06:15 | 0.10                         |
| 02/17/89 06:45 | 0.10                         |
| 02/17/89 08:00 | 0.10                         |
| 02/17/89 09:15 | 0.10                         |
| 02/17/89 10:30 | 0.10                         |
| 02/17/89 11:30 | 0.10                         |
| 02/17/89 12:15 | 0.10                         |
| 02/17/89 13:15 | 0.10                         |
| 02/18/89 13:30 | 0.10                         |
| 03/01/89 00:15 | 0.00                         |
| 03/04/89 09:45 | 0.10                         |
| 03/07/89 10:15 | 0.10                         |
| 03/08/89 13:30 | 0.10                         |
| 03/21/89 06:15 | 0.10                         |
| 03/21/89 07:45 | 0.10                         |
| 03/21/89 08:30 | 0.10                         |
| 03/21/89 10:30 | 0.10                         |
| 03/26/89 14:00 | 0.10                         |
| 03/28/89 01:00 | 0.10                         |
| 03/28/89 01:30 | 0.20                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 03/28/89 01:45 | 0.10                         |
| 03/28/89 02:00 | 0.10                         |
| 03/28/89 02:15 | 0.10                         |
| 03/28/89 02:30 | 0.10                         |
| 03/28/89 02:45 | 0.10                         |
| 03/28/89 03:00 | 0.30                         |
| 03/28/89 03:15 | 0.10                         |
| 03/28/89 03:30 | 0.10                         |
| 03/28/89 04:00 | 0.20                         |
| 03/28/89 04:30 | 0.10                         |
| 03/28/89 05:00 | 0.10                         |
| 03/28/89 05:15 | 0.40                         |
| 03/28/89 05:30 | 0.10                         |
| 03/28/89 05:45 | 0.10                         |
| 03/28/89 06:00 | 0.20                         |
| 03/28/89 06:15 | 0.10                         |
| 03/28/89 07:45 | 0.10                         |
| 03/28/89 08:30 | 0.10                         |
| 03/28/89 09:00 | 0.10                         |
| 03/28/89 09:15 | 0.10                         |
| 03/28/89 10:15 | 0.10                         |
| 03/29/89 02:15 | 0.10                         |
| 04/01/89 00:15 | 0.00                         |
| 04/13/89 11:45 | 0.10                         |
| 04/13/89 14:00 | 0.10                         |
| 04/13/89 15:00 | 0.10                         |
| 04/13/89 15:30 | 0.10                         |
| 04/13/89 16:00 | 0.10                         |
| 04/13/89 16:45 | 0.10                         |
| 04/13/89 17:15 | 0.10                         |
| 04/13/89 17:45 | 0.10                         |
| 04/13/89 18:00 | 0.10                         |
| 04/13/89 21:30 | 0.10                         |
| 04/13/89 23:30 | 0.10                         |
| 04/14/89 11:45 | 0.10                         |
| 05/01/89 00:15 | 0.00                         |
| 05/03/89 04:00 | 0.10                         |
| 05/03/89 04:15 | 0.40                         |
| 05/03/89 04:30 | 0.10                         |
| 05/03/89 04:45 | 0.10                         |
| 05/03/89 05:00 | 0.10                         |
| 05/03/89 06:00 | 0.10                         |
| 05/04/89 05:15 | 0.10                         |
| 05/04/89 06:30 | 0.10                         |
| 05/04/89 07:00 | 0.10                         |
| 05/04/89 22:15 | 0.10                         |
| 05/04/89 22:30 | 0.20                         |
| 05/04/89 22:45 | 0.10                         |
| 05/04/89 23:00 | 0.20                         |
| 05/04/89 23:15 | 0.10                         |
| 05/07/89 04:00 | 0.10                         |
| 05/07/89 07:30 | 0.10                         |
| 05/12/89 23:45 | 0.10                         |
| 05/16/89 05:15 | 0.10                         |
| 05/16/89 05:30 | 0.10                         |
| 05/16/89 06:00 | 0.10                         |
| 05/16/89 06:15 | 0.20                         |
| 05/16/89 07:30 | 0.10                         |
| 05/16/89 17:15 | 0.10                         |
| 05/16/89 17:30 | 0.10                         |
| 05/16/89 18:00 | 0.30                         |
| 05/16/89 18:15 | 0.30                         |
| 05/16/89 18:30 | 0.10                         |
| 05/16/89 19:00 | 0.10                         |
| 05/16/89 19:15 | 0.40                         |
| 05/16/89 19:30 | 0.20                         |
| 05/16/89 19:45 | 0.20                         |
| 05/16/89 20:00 | 0.10                         |
| 05/16/89 20:15 | 0.10                         |
| 05/17/89 02:30 | 0.40                         |
| 05/17/89 02:45 | 0.10                         |
| 05/17/89 03:00 | 0.10                         |
| 05/17/89 03:15 | 0.10                         |
| 05/17/89 03:30 | 0.10                         |
| 05/17/89 04:00 | 0.10                         |
| 05/17/89 04:15 | 0.10                         |
| 05/17/89 04:30 | 0.20                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 05/17/89 04:45 | 0.20                         |
| 05/17/89 05:00 | 0.20                         |
| 05/17/89 05:45 | 0.10                         |
| 05/17/89 12:45 | 0.10                         |
| 06/01/89 00:15 | 0.00                         |
| 06/02/89 17:45 | 0.40                         |
| 06/02/89 18:00 | 0.20                         |
| 06/02/89 18:15 | 0.50                         |
| 06/02/89 18:30 | 0.40                         |
| 06/02/89 18:45 | 0.10                         |
| 06/02/89 19:00 | 0.10                         |
| 06/03/89 02:45 | 0.10                         |
| 06/03/89 03:00 | 0.10                         |
| 06/03/89 03:15 | 0.10                         |
| 06/03/89 04:15 | 0.10                         |
| 06/03/89 05:45 | 0.10                         |
| 06/04/89 00:45 | 0.10                         |
| 06/04/89 01:00 | 0.20                         |
| 06/04/89 01:15 | 0.30                         |
| 06/04/89 01:30 | 0.10                         |
| 06/04/89 01:45 | 0.10                         |
| 06/04/89 02:00 | 0.10                         |
| 06/04/89 02:30 | 0.10                         |
| 06/04/89 02:45 | 0.10                         |
| 06/04/89 05:00 | 0.20                         |
| 06/04/89 05:15 | 0.80                         |
| 06/04/89 05:30 | 0.20                         |
| 06/04/89 05:45 | 0.10                         |
| 06/04/89 06:30 | 0.10                         |
| 06/04/89 07:00 | 0.10                         |
| 06/04/89 07:15 | 0.10                         |
| 06/04/89 07:30 | 0.10                         |
| 06/04/89 08:15 | 0.10                         |
| 06/04/89 13:30 | 0.10                         |
| 06/07/89 03:15 | 0.10                         |
| 06/07/89 03:45 | 0.10                         |
| 06/07/89 04:00 | 0.10                         |
| 06/07/89 04:15 | 0.40                         |
| 06/07/89 04:30 | 0.60                         |
| 06/07/89 04:45 | 0.80                         |
| 06/07/89 05:00 | 0.20                         |
| 06/07/89 05:15 | 0.10                         |
| 06/07/89 06:00 | 0.10                         |
| 06/07/89 15:00 | 0.10                         |
| 06/10/89 03:15 | 0.10                         |
| 06/10/89 21:30 | 0.10                         |
| 06/10/89 22:45 | 0.10                         |
| 06/10/89 23:30 | 0.10                         |
| 06/10/89 23:45 | 0.10                         |
| 06/11/89 00:15 | 0.10                         |
| 06/12/89 03:45 | 0.20                         |
| 06/12/89 04:00 | 0.30                         |
| 06/12/89 04:15 | 0.10                         |
| 06/12/89 04:45 | 0.10                         |
| 06/12/89 05:45 | 0.10                         |
| 06/12/89 06:30 | 0.10                         |
| 06/12/89 07:00 | 0.10                         |
| 06/13/89 03:00 | 0.10                         |
| 06/13/89 03:15 | 0.40                         |
| 06/13/89 03:30 | 0.20                         |
| 06/13/89 03:45 | 0.10                         |
| 06/13/89 04:30 | 0.10                         |
| 06/13/89 05:00 | 0.10                         |
| 06/13/89 05:45 | 0.10                         |
| 06/13/89 08:30 | 0.10                         |
| 06/13/89 10:00 | 0.10                         |
| 06/13/89 10:15 | 0.10                         |
| 06/13/89 10:30 | 0.10                         |
| 06/13/89 11:00 | 0.10                         |
| 06/13/89 11:45 | 0.20                         |
| 06/13/89 12:00 | 0.20                         |
| 06/13/89 12:15 | 0.20                         |
| 06/13/89 12:30 | 0.10                         |
| 06/13/89 15:00 | 0.20                         |
| 06/13/89 15:30 | 0.10                         |
| 06/13/89 15:45 | 0.40                         |
| 06/13/89 16:30 | 0.10                         |



| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 06/13/89 17:45 | 0.10                         |
| 06/13/89 20:15 | 0.10                         |
| 06/14/89 09:45 | 0.10                         |
| 07/01/89 00:15 | 0.00                         |
| 07/02/89 17:45 | 1.00                         |
| 07/02/89 18:00 | 1.00                         |
| 07/02/89 18:15 | 0.40                         |
| 07/02/89 18:30 | 0.10                         |
| 07/02/89 19:15 | 0.10                         |
| 07/02/89 19:45 | 0.10                         |
| 07/02/89 20:00 | 0.10                         |
| 07/02/89 20:15 | 0.10                         |
| 07/03/89 06:30 | 0.10                         |
| 07/13/89 12:15 | 0.10                         |
| 07/14/89 06:45 | 0.10                         |
| 07/14/89 09:30 | 0.10                         |
| 07/14/89 17:30 | 0.10                         |
| 07/14/89 17:45 | 0.10                         |
| 07/14/89 18:30 | 0.20                         |
| 07/14/89 18:45 | 0.10                         |
| 07/14/89 19:00 | 0.10                         |
| 07/14/89 20:45 | 0.10                         |
| 07/14/89 22:45 | 0.10                         |
| 07/14/89 23:00 | 0.20                         |
| 07/14/89 23:15 | 0.10                         |
| 07/14/89 23:30 | 0.30                         |
| 07/15/89 00:15 | 0.10                         |
| 07/31/89 14:15 | 0.10                         |
| 08/01/89 00:15 | 0.00                         |
| 08/02/89 04:45 | 0.10                         |
| 08/07/89 08:30 | 0.10                         |
| 08/07/89 09:00 | 0.10                         |
| 08/07/89 11:45 | 0.10                         |
| 08/14/89 10:15 | 0.10                         |
| 08/15/89 02:15 | 0.10                         |
| 08/15/89 03:15 | 0.10                         |
| 08/15/89 03:45 | 0.10                         |
| 08/16/89 07:15 | 0.10                         |
| 09/01/89 00:15 | 0.00                         |
| 09/03/89 16:15 | 0.10                         |
| 09/09/89 17:00 | 0.10                         |
| 09/11/89 05:45 | 0.80                         |
| 09/11/89 06:00 | 0.50                         |
| 09/11/89 06:15 | 0.10                         |
| 09/11/89 06:30 | 0.10                         |
| 09/11/89 07:00 | 0.10                         |
| 09/11/89 09:00 | 0.10                         |
| 09/11/89 09:30 | 0.10                         |
| 09/11/89 10:00 | 0.10                         |
| 09/11/89 10:45 | 0.10                         |
| 09/13/89 04:00 | 0.10                         |
| 09/13/89 04:15 | 0.40                         |
| 09/13/89 04:30 | 0.70                         |
| 09/13/89 04:45 | 0.20                         |
| 09/13/89 05:00 | 0.10                         |
| 09/13/89 05:15 | 0.10                         |
| 09/13/89 06:00 | 0.10                         |
| 09/13/89 09:00 | 0.10                         |
| 09/13/89 10:00 | 0.10                         |
| 10/01/89 00:15 | 0.00                         |
| 10/06/89 11:15 | 0.10                         |
| 10/18/89 02:45 | 0.10                         |
| 10/30/89 03:15 | 0.10                         |
| 10/30/89 03:30 | 0.30                         |
| 10/30/89 03:45 | 0.30                         |
| 10/30/89 04:15 | 0.10                         |
| 10/30/89 04:45 | 0.10                         |
| 10/30/89 05:00 | 0.10                         |
| 10/30/89 05:30 | 0.10                         |
| 10/30/89 05:45 | 0.10                         |
| 11/01/89 00:15 | 0.00                         |
| 11/22/89 02:15 | 0.10                         |
| 11/22/89 02:30 | 0.20                         |
| 11/22/89 02:45 | 0.10                         |
| 11/22/89 03:30 | 0.10                         |
| 11/22/89 04:00 | 0.10                         |
| 11/22/89 05:15 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 11/22/89 06:00 | 0.10                         |
| 11/22/89 14:15 | 0.10                         |
| 12/01/89 00:15 | 0.00                         |
| 12/30/89 11:15 | 0.10                         |
| 12/30/89 12:15 | 0.10                         |
| 12/30/89 12:45 | 0.10                         |
| 12/30/89 14:45 | 0.10                         |
| 12/30/89 15:30 | 0.10                         |
| 01/01/90 00:15 | 0.00                         |
| 01/03/90 11:45 | 0.10                         |
| 01/16/90 07:15 | 0.10                         |
| 01/16/90 14:00 | 0.10                         |
| 01/16/90 14:15 | 0.20                         |
| 01/16/90 14:30 | 0.10                         |
| 01/16/90 16:30 | 0.10                         |
| 01/17/90 06:30 | 0.30                         |
| 01/17/90 06:45 | 0.30                         |
| 01/17/90 08:45 | 0.10                         |
| 01/17/90 10:15 | 0.10                         |
| 01/17/90 10:30 | 0.10                         |
| 01/17/90 11:00 | 0.10                         |
| 01/18/90 11:15 | 0.10                         |
| 01/18/90 12:30 | 0.10                         |
| 01/18/90 13:00 | 0.10                         |
| 01/18/90 13:30 | 0.10                         |
| 01/18/90 15:30 | 0.10                         |
| 01/18/90 18:30 | 0.10                         |
| 01/18/90 19:00 | 0.10                         |
| 01/18/90 19:15 | 0.10                         |
| 01/18/90 19:30 | 0.10                         |
| 01/18/90 19:45 | 0.20                         |
| 01/18/90 20:15 | 0.10                         |
| 01/18/90 20:30 | 0.10                         |
| 01/18/90 21:45 | 0.10                         |
| 01/18/90 23:00 | 0.10                         |
| 01/19/90 00:45 | 0.10                         |
| 01/19/90 02:15 | 0.10                         |
| 01/19/90 02:45 | 0.10                         |
| 01/19/90 04:30 | 0.10                         |
| 01/19/90 07:45 | 0.10                         |
| 01/19/90 09:30 | 0.10                         |
| 01/19/90 09:45 | 0.60                         |
| 01/19/90 10:00 | 0.10                         |
| 01/28/90 14:00 | 0.10                         |
| 01/31/90 14:45 | 0.10                         |
| 01/31/90 15:00 | 0.60                         |
| 01/31/90 15:15 | 0.30                         |
| 01/31/90 15:45 | 0.10                         |
| 01/31/90 16:45 | 0.10                         |
| 01/31/90 17:00 | 0.10                         |
| 01/31/90 17:45 | 0.10                         |
| 01/31/90 23:15 | 0.10                         |
| 02/01/90 00:15 | 0.00                         |
| 02/01/90 02:00 | 0.10                         |
| 02/01/90 03:45 | 0.10                         |
| 02/01/90 05:00 | 0.20                         |
| 02/01/90 05:15 | 0.20                         |
| 02/01/90 05:30 | 0.50                         |
| 02/01/90 05:45 | 0.40                         |
| 02/01/90 06:00 | 0.20                         |
| 02/01/90 06:15 | 0.10                         |
| 02/01/90 06:45 | 0.10                         |
| 02/01/90 07:45 | 0.10                         |
| 02/01/90 19:15 | 0.10                         |
| 02/09/90 11:15 | 0.10                         |
| 02/09/90 14:00 | 0.10                         |
| 02/10/90 11:15 | 0.10                         |
| 02/21/90 10:30 | 0.10                         |
| 02/21/90 11:00 | 0.10                         |
| 02/21/90 11:30 | 0.10                         |
| 02/21/90 12:00 | 0.10                         |
| 02/21/90 13:00 | 0.10                         |
| 02/21/90 13:45 | 0.10                         |
| 02/21/90 14:15 | 0.10                         |
| 02/21/90 16:00 | 0.10                         |
| 02/28/90 06:15 | 0.10                         |
| 02/28/90 07:15 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 02/28/90 08:00 | 0.10                         |
| 02/28/90 10:15 | 0.10                         |
| 02/28/90 10:45 | 0.10                         |
| 03/01/90 00:15 | 0.00                         |
| 03/06/90 08:00 | 0.10                         |
| 03/07/90 01:00 | 0.10                         |
| 03/07/90 02:00 | 0.10                         |
| 03/07/90 02:30 | 0.10                         |
| 03/07/90 02:45 | 0.20                         |
| 03/07/90 03:00 | 0.10                         |
| 03/07/90 03:15 | 0.30                         |
| 03/07/90 03:30 | 0.10                         |
| 03/07/90 03:45 | 0.10                         |
| 03/07/90 07:45 | 0.10                         |
| 03/11/90 05:15 | 0.10                         |
| 03/11/90 06:45 | 0.10                         |
| 03/11/90 07:15 | 0.10                         |
| 03/11/90 07:30 | 0.50                         |
| 03/11/90 07:45 | 0.30                         |
| 03/11/90 08:00 | 0.20                         |
| 03/11/90 08:15 | 0.30                         |
| 03/11/90 08:30 | 0.10                         |
| 03/11/90 08:45 | 0.10                         |
| 03/11/90 09:00 | 0.10                         |
| 03/11/90 09:30 | 0.10                         |
| 03/11/90 10:00 | 0.10                         |
| 03/11/90 15:45 | 0.10                         |
| 03/11/90 16:00 | 0.40                         |
| 03/11/90 16:15 | 0.10                         |
| 03/11/90 21:15 | 0.10                         |
| 03/14/90 09:15 | 0.10                         |
| 03/14/90 09:30 | 0.10                         |
| 03/14/90 09:45 | 0.10                         |
| 03/14/90 10:00 | 0.20                         |
| 03/14/90 10:15 | 0.10                         |
| 03/14/90 10:30 | 0.10                         |
| 03/14/90 11:00 | 0.10                         |
| 03/14/90 11:30 | 0.10                         |
| 03/25/90 07:30 | 0.10                         |
| 03/25/90 08:30 | 0.10                         |
| 03/25/90 09:30 | 0.10                         |
| 03/25/90 11:00 | 0.10                         |
| 03/25/90 13:30 | 0.10                         |
| 03/27/90 15:00 | 0.10                         |
| 03/27/90 16:45 | 0.10                         |
| 03/27/90 18:15 | 0.10                         |
| 03/27/90 19:00 | 0.10                         |
| 03/27/90 19:45 | 0.10                         |
| 03/27/90 21:30 | 0.10                         |
| 03/27/90 22:15 | 0.10                         |
| 03/27/90 22:45 | 0.10                         |
| 03/27/90 23:15 | 0.10                         |
| 03/28/90 01:15 | 0.10                         |
| 03/29/90 02:45 | 0.10                         |
| 03/29/90 03:00 | 0.20                         |
| 03/29/90 03:30 | 0.10                         |
| 04/01/90 00:15 | 0.00                         |
| 04/05/90 20:45 | 0.30                         |
| 04/05/90 21:00 | 0.10                         |
| 04/05/90 21:15 | 0.10                         |
| 04/05/90 21:30 | 0.10                         |
| 04/06/90 02:15 | 0.10                         |
| 04/06/90 03:45 | 0.10                         |
| 04/10/90 01:30 | 0.10                         |
| 04/10/90 01:45 | 0.10                         |
| 04/10/90 02:00 | 0.10                         |
| 04/10/90 02:15 | 0.10                         |
| 04/10/90 02:30 | 0.20                         |
| 04/10/90 02:45 | 0.10                         |
| 04/10/90 03:30 | 0.10                         |
| 04/13/90 08:30 | 0.10                         |
| 04/13/90 09:15 | 0.10                         |
| 04/13/90 10:30 | 0.10                         |
| 04/14/90 01:30 | 0.10                         |
| 04/14/90 01:45 | 0.20                         |
| 04/14/90 02:30 | 0.10                         |
| 04/14/90 03:15 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 04/14/90 03:30 | 0.20                         |
| 04/14/90 03:45 | 0.40                         |
| 04/14/90 04:00 | 0.40                         |
| 04/14/90 04:15 | 0.20                         |
| 04/14/90 04:30 | 0.10                         |
| 04/14/90 05:00 | 0.10                         |
| 04/15/90 21:30 | 0.10                         |
| 04/15/90 21:45 | 0.10                         |
| 04/15/90 22:00 | 0.10                         |
| 04/18/90 10:30 | 0.10                         |
| 04/19/90 00:15 | 0.10                         |
| 04/19/90 01:00 | 0.10                         |
| 04/19/90 01:30 | 0.10                         |
| 04/19/90 01:45 | 0.10                         |
| 04/19/90 02:00 | 0.10                         |
| 04/19/90 03:00 | 0.10                         |
| 04/19/90 03:45 | 0.10                         |
| 04/19/90 05:00 | 0.10                         |
| 04/19/90 13:45 | 0.10                         |
| 04/20/90 09:45 | 0.10                         |
| 04/20/90 10:30 | 0.10                         |
| 04/20/90 10:45 | 0.10                         |
| 04/20/90 11:00 | 0.10                         |
| 04/20/90 11:15 | 0.10                         |
| 04/20/90 11:30 | 0.10                         |
| 04/20/90 12:00 | 0.10                         |
| 04/20/90 12:30 | 0.20                         |
| 04/20/90 13:15 | 0.10                         |
| 04/20/90 14:00 | 0.10                         |
| 04/20/90 16:15 | 0.10                         |
| 04/26/90 01:45 | 0.50                         |
| 04/26/90 02:00 | 0.10                         |
| 04/26/90 02:15 | 0.30                         |
| 04/26/90 02:30 | 0.20                         |
| 04/26/90 02:45 | 0.10                         |
| 04/26/90 03:15 | 0.10                         |
| 04/26/90 04:00 | 0.10                         |
| 04/26/90 05:00 | 0.10                         |
| 04/26/90 05:30 | 0.10                         |
| 04/26/90 06:45 | 0.10                         |
| 04/26/90 07:00 | 0.10                         |
| 04/26/90 07:15 | 0.10                         |
| 04/26/90 07:45 | 0.10                         |
| 04/26/90 08:00 | 0.20                         |
| 04/26/90 08:30 | 0.10                         |
| 04/26/90 09:00 | 0.10                         |
| 04/26/90 09:45 | 0.10                         |
| 04/26/90 11:15 | 0.10                         |
| 05/01/90 00:15 | 0.00                         |
| 05/01/90 07:45 | 0.10                         |
| 05/01/90 20:00 | 0.10                         |
| 05/01/90 20:30 | 0.10                         |
| 05/01/90 21:00 | 0.10                         |
| 05/01/90 21:30 | 0.10                         |
| 05/01/90 21:45 | 0.10                         |
| 05/01/90 22:15 | 0.10                         |
| 05/01/90 22:45 | 0.10                         |
| 05/01/90 23:00 | 0.10                         |
| 05/01/90 23:30 | 0.10                         |
| 05/02/90 00:15 | 0.10                         |
| 05/02/90 03:30 | 0.10                         |
| 05/02/90 03:45 | 0.10                         |
| 05/02/90 06:15 | 0.10                         |
| 05/02/90 07:45 | 0.10                         |
| 05/02/90 08:15 | 0.10                         |
| 05/02/90 09:00 | 0.10                         |
| 05/02/90 11:30 | 0.10                         |
| 05/02/90 14:00 | 0.10                         |
| 05/02/90 19:45 | 0.10                         |
| 05/02/90 20:00 | 0.20                         |
| 05/02/90 20:15 | 0.30                         |
| 05/02/90 20:30 | 1.40                         |
| 05/02/90 20:45 | 0.60                         |
| 05/02/90 21:00 | 0.40                         |
| 05/02/90 21:30 | 0.10                         |
| 05/02/90 23:00 | 0.30                         |
| 05/02/90 23:30 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 05/03/90 01:30 | 0.10                         |
| 05/03/90 02:00 | 0.10                         |
| 05/03/90 02:30 | 0.10                         |
| 05/03/90 03:15 | 0.10                         |
| 05/03/90 14:00 | 0.10                         |
| 05/11/90 08:15 | 0.10                         |
| 05/11/90 08:30 | 0.10                         |
| 05/11/90 21:30 | 0.10                         |
| 05/11/90 22:00 | 0.20                         |
| 05/12/90 12:15 | 0.10                         |
| 05/16/90 09:15 | 0.10                         |
| 05/20/90 15:00 | 0.10                         |
| 05/29/90 08:45 | 0.10                         |
| 05/29/90 10:00 | 0.10                         |
| 05/29/90 11:30 | 0.80                         |
| 05/29/90 11:45 | 0.10                         |
| 05/29/90 15:00 | 0.10                         |
| 06/01/90 00:15 | 0.00                         |
| 06/01/90 12:30 | 0.00                         |
| 06/05/90 11:15 | 0.00                         |
| 06/24/90 02:45 | 0.10                         |
| 06/24/90 07:15 | 0.10                         |
| 06/25/90 03:00 | 0.10                         |
| 06/30/90 13:00 | 0.10                         |
| 07/01/90 00:15 | 0.00                         |
| 08/01/90 00:15 | 0.00                         |
| 09/01/90 00:15 | 0.00                         |
| 10/01/90 00:15 | 0.00                         |
| 10/03/90 18:45 | 0.10                         |
| 10/03/90 19:30 | 0.10                         |
| 10/06/90 22:15 | 0.10                         |
| 10/09/90 06:00 | 0.10                         |
| 10/09/90 06:15 | 0.10                         |
| 10/09/90 06:30 | 0.40                         |
| 10/09/90 06:45 | 0.10                         |
| 10/09/90 07:00 | 0.10                         |
| 10/09/90 07:15 | 0.10                         |
| 10/09/90 07:45 | 0.10                         |
| 10/09/90 08:15 | 0.10                         |
| 10/09/90 08:45 | 0.10                         |
| 10/09/90 09:00 | 0.10                         |
| 10/09/90 09:15 | 0.10                         |
| 10/09/90 09:45 | 0.10                         |
| 10/09/90 12:00 | 0.10                         |
| 10/09/90 14:00 | 0.10                         |
| 10/17/90 21:45 | 0.10                         |
| 10/18/90 02:45 | 0.10                         |
| 10/23/90 03:30 | 0.10                         |
| 11/01/90 00:15 | 0.00                         |
| 11/04/90 13:45 | 0.10                         |
| 11/04/90 14:15 | 0.10                         |
| 11/04/90 14:45 | 0.10                         |
| 11/04/90 15:15 | 0.10                         |
| 11/04/90 16:00 | 0.10                         |
| 11/04/90 16:30 | 0.10                         |
| 11/04/90 17:15 | 0.10                         |
| 11/04/90 18:30 | 0.10                         |
| 11/08/90 08:45 | 0.10                         |
| 11/08/90 16:30 | 0.10                         |
| 11/08/90 17:15 | 0.10                         |
| 11/08/90 17:45 | 0.10                         |
| 11/08/90 18:00 | 0.10                         |
| 11/08/90 18:15 | 0.10                         |
| 11/08/90 18:30 | 0.10                         |
| 11/08/90 19:00 | 0.10                         |
| 11/08/90 20:45 | 0.10                         |
| 11/08/90 22:00 | 0.10                         |
| 11/08/90 22:30 | 0.10                         |
| 11/08/90 23:45 | 0.10                         |
| 11/09/90 00:45 | 0.10                         |
| 11/09/90 01:30 | 0.10                         |
| 11/09/90 02:30 | 0.10                         |
| 11/09/90 03:15 | 0.10                         |
| 11/09/90 04:15 | 0.10                         |
| 11/09/90 05:00 | 0.10                         |
| 11/09/90 13:30 | 0.10                         |
| 11/22/90 18:00 | 0.20                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 11/22/90 18:15 | 0.20                         |
| 11/22/90 18:30 | 0.10                         |
| 11/22/90 19:00 | 0.10                         |
| 11/22/90 21:30 | 0.10                         |
| 11/27/90 00:15 | 0.10                         |
| 11/27/90 21:00 | 0.20                         |
| 11/27/90 21:15 | 0.10                         |
| 12/01/90 00:15 | 0.00                         |
| 12/02/90 23:00 | 0.10                         |
| 12/02/90 23:15 | 0.10                         |
| 12/03/90 00:30 | 0.10                         |
| 12/16/90 06:45 | 0.10                         |
| 12/16/90 12:30 | 0.10                         |
| 12/17/90 14:45 | 0.10                         |
| 12/18/90 01:30 | 0.10                         |
| 12/26/90 15:30 | 0.10                         |
| 12/26/90 17:15 | 0.10                         |
| 12/28/90 21:30 | 0.10                         |
| 12/29/90 02:15 | 0.10                         |
| 12/29/90 05:00 | 0.10                         |
| 12/29/90 07:00 | 0.10                         |
| 01/01/91 00:15 | 0.00                         |
| 01/05/91 10:45 | 0.10                         |
| 01/05/91 20:45 | 0.10                         |
| 01/06/91 04:00 | 0.10                         |
| 01/06/91 08:00 | 0.10                         |
| 01/09/91 16:00 | 0.10                         |
| 01/09/91 16:45 | 0.10                         |
| 01/09/91 17:00 | 0.10                         |
| 01/09/91 17:30 | 0.10                         |
| 01/09/91 19:15 | 0.10                         |
| 01/09/91 22:15 | 0.10                         |
| 01/10/91 06:00 | 0.10                         |
| 01/14/91 19:30 | 0.10                         |
| 01/15/91 00:45 | 0.10                         |
| 01/17/91 18:45 | 0.10                         |
| 01/17/91 20:30 | 0.10                         |
| 01/18/91 03:45 | 0.10                         |
| 01/18/91 05:30 | 0.10                         |
| 01/18/91 17:00 | 0.10                         |
| 01/18/91 20:15 | 0.10                         |
| 01/18/91 20:45 | 0.10                         |
| 01/18/91 23:00 | 0.10                         |
| 01/19/91 11:15 | 0.10                         |
| 01/30/91 03:45 | 0.10                         |
| 01/30/91 11:15 | 0.10                         |
| 02/01/91 00:15 | 0.00                         |
| 02/01/91 15:00 | 0.00                         |
| 03/01/91 00:15 | 0.00                         |
| 03/04/91 12:00 | 0.00                         |
| 03/16/91 14:45 | 0.10                         |
| 03/17/91 00:15 | 0.10                         |
| 03/17/91 01:15 | 0.10                         |
| 03/17/91 09:30 | 0.10                         |
| 03/27/91 03:15 | 0.10                         |
| 03/27/91 03:45 | 0.10                         |
| 04/01/91 00:15 | 0.00                         |
| 04/01/91 08:00 | 0.00                         |
| 05/01/91 00:15 | 0.00                         |
| 06/01/91 00:15 | 0.00                         |
| 07/01/91 00:15 | 0.00                         |
| 08/01/91 00:15 | 0.00                         |
| 08/10/91 06:45 | 0.10                         |
| 08/12/91 08:00 | 0.10                         |
| 08/12/91 08:30 | 0.10                         |
| 08/12/91 08:45 | 0.10                         |
| 08/12/91 09:00 | 0.10                         |
| 08/12/91 09:45 | 0.10                         |
| 08/12/91 10:30 | 0.10                         |
| 08/12/91 11:15 | 0.10                         |
| 08/12/91 12:45 | 0.10                         |
| 08/13/91 08:30 | 0.10                         |
| 08/13/91 08:45 | 0.10                         |
| 08/13/91 09:45 | 0.10                         |
| 08/13/91 13:00 | 0.10                         |
| 08/13/91 19:15 | 0.10                         |
| 08/21/91 07:15 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 08/21/91 10:15 | 0.10                         |
| 08/21/91 12:15 | 0.10                         |
| 08/30/91 02:45 | 0.40                         |
| 08/30/91 03:00 | 0.50                         |
| 08/30/91 03:15 | 0.10                         |
| 08/30/91 03:30 | 0.20                         |
| 08/30/91 03:45 | 0.20                         |
| 08/30/91 04:15 | 0.10                         |
| 08/30/91 04:30 | 0.10                         |
| 08/30/91 06:00 | 0.10                         |
| 08/31/91 13:00 | 0.10                         |
| 08/31/91 16:00 | 0.10                         |
| 09/01/91 00:15 | 0.00                         |
| 09/01/91 02:15 | 0.10                         |
| 09/01/91 02:30 | 0.30                         |
| 09/01/91 02:45 | 0.20                         |
| 09/01/91 03:00 | 0.20                         |
| 09/01/91 03:15 | 0.10                         |
| 09/01/91 09:30 | 0.10                         |
| 09/01/91 16:45 | 0.40                         |
| 09/01/91 17:00 | 0.80                         |
| 09/01/91 17:15 | 0.50                         |
| 09/01/91 18:30 | 0.10                         |
| 09/06/91 16:45 | 0.10                         |
| 09/06/91 17:00 | 0.20                         |
| 09/06/91 17:15 | 0.10                         |
| 09/06/91 21:15 | 0.10                         |
| 09/07/91 01:15 | 0.10                         |
| 09/07/91 04:30 | 0.10                         |
| 09/07/91 04:45 | 0.10                         |
| 09/07/91 05:30 | 0.10                         |
| 09/07/91 06:30 | 0.10                         |
| 09/11/91 21:45 | 0.10                         |
| 09/16/91 21:15 | 0.10                         |
| 09/18/91 03:45 | 0.10                         |
| 09/18/91 17:15 | 0.10                         |
| 09/20/91 01:30 | 0.10                         |
| 09/24/91 00:45 | 0.20                         |
| 09/24/91 01:00 | 0.20                         |
| 09/24/91 01:15 | 0.10                         |
| 10/01/91 00:15 | 0.00                         |
| 10/25/91 08:30 | 0.10                         |
| 10/26/91 01:15 | 0.20                         |
| 10/26/91 01:30 | 0.30                         |
| 10/26/91 01:45 | 0.10                         |
| 10/26/91 02:00 | 0.20                         |
| 10/26/91 02:15 | 0.10                         |
| 10/26/91 02:30 | 0.10                         |
| 10/26/91 03:00 | 0.10                         |
| 10/26/91 03:30 | 0.10                         |
| 10/26/91 03:45 | 0.20                         |
| 10/26/91 04:15 | 0.10                         |
| 10/26/91 06:00 | 0.10                         |
| 10/26/91 06:45 | 0.40                         |
| 10/26/91 07:00 | 0.20                         |
| 10/26/91 07:15 | 0.10                         |
| 10/26/91 07:30 | 0.20                         |
| 10/26/91 07:45 | 0.10                         |
| 10/26/91 08:00 | 0.10                         |
| 10/26/91 08:15 | 0.10                         |
| 10/26/91 09:45 | 0.10                         |
| 10/26/91 14:45 | 0.10                         |
| 10/27/91 00:45 | 0.10                         |
| 10/27/91 01:30 | 0.10                         |
| 10/27/91 02:30 | 0.10                         |
| 10/27/91 03:00 | 0.10                         |
| 10/27/91 03:45 | 0.10                         |
| 10/27/91 04:15 | 0.10                         |
| 10/27/91 04:45 | 0.10                         |
| 10/27/91 05:30 | 0.10                         |
| 10/27/91 06:30 | 0.10                         |
| 10/27/91 07:30 | 0.10                         |
| 10/27/91 08:00 | 0.10                         |
| 10/27/91 08:45 | 0.10                         |
| 10/27/91 10:45 | 0.10                         |
| 10/27/91 11:30 | 0.10                         |
| 10/28/91 05:30 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 10/28/91 05:45 | 0.20                         |
| 10/28/91 06:00 | 0.10                         |
| 10/28/91 06:15 | 0.20                         |
| 10/28/91 06:30 | 0.10                         |
| 10/28/91 06:45 | 0.10                         |
| 10/28/91 07:00 | 0.10                         |
| 10/28/91 07:15 | 0.20                         |
| 10/28/91 08:45 | 0.10                         |
| 10/28/91 10:00 | 0.10                         |
| 10/28/91 11:00 | 0.10                         |
| 10/28/91 16:30 | 0.10                         |
| 10/28/91 17:45 | 0.10                         |
| 10/28/91 18:15 | 0.10                         |
| 10/28/91 18:45 | 0.10                         |
| 10/28/91 19:45 | 0.10                         |
| 10/29/91 04:00 | 0.10                         |
| 10/29/91 08:30 | 0.10                         |
| 10/29/91 08:45 | 0.10                         |
| 10/29/91 09:15 | 0.10                         |
| 10/29/91 11:30 | 0.10                         |
| 10/29/91 12:15 | 0.10                         |
| 10/29/91 13:00 | 0.10                         |
| 10/31/91 03:15 | 0.10                         |
| 10/31/91 04:45 | 0.10                         |
| 10/31/91 05:00 | 0.20                         |
| 10/31/91 05:45 | 0.10                         |
| 10/31/91 07:00 | 0.10                         |
| 10/31/91 10:45 | 0.10                         |
| 10/31/91 12:45 | 0.10                         |
| 11/01/91 00:15 | 0.00                         |
| 11/09/91 08:15 | 0.00                         |
| 12/01/91 00:15 | 0.00                         |
| 01/01/92 00:15 | 0.00                         |
| 02/01/92 00:15 | 0.00                         |
| 02/03/92 10:00 | 0.00                         |
| 02/03/92 11:00 | 0.00                         |
| 02/11/92 19:00 | 0.00                         |
| 02/12/92 00:30 | 0.10                         |
| 02/12/92 12:00 | 0.00                         |
| 02/16/92 16:00 | 0.00                         |
| 02/16/92 17:15 | 0.10                         |
| 02/22/92 13:45 | 0.10                         |
| 02/22/92 14:45 | 0.10                         |
| 02/22/92 16:30 | 0.10                         |
| 02/24/92 15:00 | 0.10                         |
| 02/24/92 15:45 | 0.10                         |
| 02/24/92 16:15 | 0.10                         |
| 02/24/92 16:45 | 0.10                         |
| 02/24/92 17:30 | 0.10                         |
| 02/24/92 18:45 | 0.10                         |
| 02/24/92 19:30 | 0.10                         |
| 02/24/92 19:45 | 0.10                         |
| 02/24/92 20:00 | 0.10                         |
| 02/24/92 20:30 | 0.10                         |
| 02/24/92 21:00 | 0.10                         |
| 02/25/92 01:15 | 0.10                         |
| 02/25/92 03:30 | 0.10                         |
| 02/25/92 04:45 | 0.10                         |
| 02/25/92 05:00 | 0.10                         |
| 02/25/92 06:00 | 0.10                         |
| 02/25/92 07:00 | 0.10                         |
| 02/25/92 11:15 | 0.10                         |
| 02/25/92 21:30 | 0.00                         |
| 03/01/92 00:15 | 0.00                         |
| 03/03/92 23:30 | 0.10                         |
| 03/04/92 00:15 | 0.10                         |
| 03/04/92 00:45 | 0.10                         |
| 03/04/92 01:15 | 0.10                         |
| 03/04/92 18:30 | 0.20                         |
| 03/04/92 18:45 | 0.10                         |
| 03/04/92 19:15 | 0.10                         |
| 03/05/92 05:15 | 0.10                         |
| 03/09/92 00:15 | 0.20                         |
| 03/09/92 00:30 | 0.20                         |
| 03/09/92 00:45 | 0.10                         |
| 03/09/92 01:00 | 0.10                         |
| 03/09/92 03:00 | 0.10                         |



| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 03/17/92 15:45 | 0.10                         |
| 03/24/92 10:45 | 0.10                         |
| 03/24/92 20:00 | 0.10                         |
| 03/28/92 07:30 | 0.10                         |
| 04/01/92 00:15 | 0.00                         |
| 04/06/92 00:15 | 0.10                         |
| 04/06/92 01:00 | 0.10                         |
| 04/06/92 01:45 | 0.10                         |
| 04/06/92 02:15 | 0.10                         |
| 04/06/92 03:00 | 0.10                         |
| 04/07/92 13:15 | 0.10                         |
| 04/17/92 05:15 | 0.10                         |
| 04/17/92 05:30 | 0.10                         |
| 04/17/92 06:15 | 0.10                         |
| 04/17/92 06:45 | 0.10                         |
| 04/19/92 14:30 | 0.10                         |
| 04/28/92 21:45 | 0.10                         |
| 04/28/92 22:00 | 0.10                         |
| 04/28/92 22:45 | 0.10                         |
| 04/28/92 23:15 | 0.10                         |
| 04/28/92 23:30 | 0.40                         |
| 04/28/92 23:45 | 0.10                         |
| 04/29/92 00:30 | 0.10                         |
| 05/01/92 00:15 | 0.00                         |
| 05/14/92 09:15 | 0.10                         |
| 05/14/92 09:30 | 0.10                         |
| 05/14/92 10:00 | 0.10                         |
| 05/14/92 12:30 | 0.10                         |
| 05/16/92 11:15 | 0.10                         |
| 05/16/92 12:30 | 0.10                         |
| 05/16/92 13:45 | 0.10                         |
| 05/16/92 15:45 | 0.10                         |
| 05/17/92 00:15 | 0.10                         |
| 05/17/92 04:15 | 0.10                         |
| 05/17/92 04:45 | 0.10                         |
| 05/17/92 13:30 | 0.10                         |
| 05/17/92 22:30 | 0.10                         |
| 05/18/92 00:30 | 0.10                         |
| 05/18/92 00:45 | 0.10                         |
| 05/18/92 01:00 | 0.10                         |
| 05/18/92 01:30 | 0.10                         |
| 05/18/92 02:30 | 0.10                         |
| 05/18/92 02:45 | 0.10                         |
| 05/18/92 03:00 | 0.40                         |
| 05/18/92 03:15 | 0.10                         |
| 05/18/92 03:30 | 0.10                         |
| 05/18/92 03:45 | 0.10                         |
| 05/18/92 04:45 | 0.10                         |
| 05/18/92 06:15 | 0.10                         |
| 05/18/92 07:30 | 0.20                         |
| 05/18/92 08:00 | 0.10                         |
| 05/18/92 09:00 | 0.10                         |
| 05/19/92 09:00 | 0.10                         |
| 05/19/92 09:15 | 0.10                         |
| 05/19/92 10:00 | 0.10                         |
| 05/19/92 11:15 | 0.10                         |
| 05/19/92 14:15 | 0.10                         |
| 05/19/92 14:30 | 0.10                         |
| 05/21/92 17:15 | 0.10                         |
| 05/21/92 20:30 | 0.10                         |
| 05/25/92 08:15 | 0.10                         |
| 05/25/92 17:30 | 0.10                         |
| 05/28/92 05:45 | 0.10                         |
| 05/28/92 06:00 | 0.10                         |
| 05/28/92 06:15 | 0.10                         |
| 05/28/92 06:30 | 0.10                         |
| 05/28/92 06:45 | 0.10                         |
| 05/28/92 07:00 | 0.10                         |
| 05/28/92 07:45 | 0.10                         |
| 05/28/92 09:00 | 0.10                         |
| 05/29/92 12:45 | 0.10                         |
| 05/31/92 13:00 | 0.10                         |
| 06/01/92 00:15 | 0.00                         |
| 06/01/92 04:15 | 0.10                         |
| 06/01/92 16:30 | 0.10                         |
| 06/01/92 16:45 | 0.20                         |
| 06/01/92 23:30 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 06/02/92 01:30 | 0.10                         |
| 06/04/92 15:45 | 0.10                         |
| 06/06/92 00:30 | 0.10                         |
| 06/06/92 00:45 | 0.30                         |
| 06/06/92 01:00 | 0.10                         |
| 06/06/92 01:45 | 0.10                         |
| 06/08/92 14:15 | 0.10                         |
| 06/20/92 04:45 | 0.10                         |
| 06/20/92 05:00 | 0.10                         |
| 06/25/92 05:15 | 0.10                         |
| 06/25/92 05:45 | 0.10                         |
| 06/25/92 06:00 | 0.10                         |
| 06/25/92 06:30 | 0.10                         |
| 06/27/92 12:15 | 0.30                         |
| 06/27/92 12:30 | 0.10                         |
| 06/27/92 12:45 | 0.40                         |
| 06/27/92 13:15 | 0.10                         |
| 06/28/92 03:15 | 0.10                         |
| 06/28/92 03:30 | 0.60                         |
| 06/28/92 03:45 | 0.40                         |
| 06/28/92 04:00 | 0.10                         |
| 06/28/92 04:15 | 0.10                         |
| 06/28/92 04:45 | 0.10                         |
| 06/28/92 06:00 | 0.10                         |
| 06/29/92 02:30 | 0.10                         |
| 06/29/92 02:45 | 0.20                         |
| 06/29/92 03:00 | 0.20                         |
| 06/29/92 03:30 | 0.20                         |
| 06/29/92 04:00 | 0.10                         |
| 06/29/92 04:15 | 0.10                         |
| 06/29/92 07:00 | 0.10                         |
| 07/01/92 00:15 | 0.00                         |
| 07/18/92 13:15 | 0.10                         |
| 07/18/92 16:30 | 0.10                         |
| 07/20/92 15:15 | 0.10                         |
| 07/28/92 17:00 | 0.10                         |
| 07/28/92 17:30 | 0.20                         |
| 07/28/92 17:45 | 0.30                         |
| 07/28/92 18:00 | 0.10                         |
| 07/28/92 18:30 | 0.10                         |
| 07/31/92 00:45 | 0.10                         |
| 07/31/92 01:00 | 0.60                         |
| 07/31/92 01:15 | 0.30                         |
| 07/31/92 01:30 | 0.10                         |
| 07/31/92 02:00 | 0.10                         |
| 07/31/92 02:45 | 0.10                         |
| 07/31/92 07:45 | 0.20                         |
| 07/31/92 08:15 | 0.10                         |
| 08/01/92 00:15 | 0.00                         |
| 08/02/92 16:45 | 0.20                         |
| 08/02/92 17:00 | 0.10                         |
| 08/02/92 17:15 | 0.10                         |
| 08/02/92 20:30 | 0.10                         |
| 08/04/92 08:15 | 0.10                         |
| 08/12/92 11:45 | 0.10                         |
| 08/12/92 12:00 | 0.10                         |
| 08/12/92 18:45 | 0.10                         |
| 08/12/92 21:30 | 0.10                         |
| 08/18/92 14:30 | 0.10                         |
| 08/19/92 06:00 | 0.10                         |
| 08/19/92 07:00 | 0.10                         |
| 08/19/92 11:15 | 0.10                         |
| 08/24/92 19:00 | 0.10                         |
| 08/24/92 19:15 | 0.10                         |
| 08/24/92 20:00 | 0.10                         |
| 08/24/92 20:45 | 0.10                         |
| 08/26/92 13:45 | 0.10                         |
| 09/01/92 00:15 | 0.00                         |
| 09/01/92 13:15 | 0.10                         |
| 09/03/92 08:30 | 0.10                         |
| 09/10/92 11:15 | 0.60                         |
| 09/10/92 11:30 | 0.50                         |
| 09/10/92 11:45 | 0.60                         |
| 09/10/92 12:00 | 0.50                         |
| 09/10/92 12:15 | 0.40                         |
| 09/10/92 12:30 | 0.20                         |
| 09/10/92 12:45 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 09/10/92 13:30 | 0.10                         |
| 09/10/92 15:15 | 0.10                         |
| 09/10/92 15:30 | 0.10                         |
| 09/10/92 16:00 | 0.10                         |
| 09/10/92 16:45 | 0.10                         |
| 09/20/92 23:15 | 0.20                         |
| 09/20/92 23:30 | 0.10                         |
| 09/21/92 01:00 | 0.10                         |
| 09/21/92 02:30 | 0.10                         |
| 10/01/92 00:15 | 0.00                         |
| 10/07/92 16:30 | 0.10                         |
| 10/15/92 18:45 | 0.10                         |
| 10/15/92 19:00 | 0.20                         |
| 10/15/92 21:30 | 0.20                         |
| 10/15/92 21:45 | 0.10                         |
| 10/15/92 22:00 | 0.20                         |
| 10/15/92 22:15 | 0.20                         |
| 10/15/92 22:30 | 0.30                         |
| 10/15/92 22:45 | 0.20                         |
| 10/15/92 23:15 | 0.10                         |
| 10/20/92 09:30 | 0.10                         |
| 10/29/92 00:30 | 0.10                         |
| 10/31/92 12:00 | 0.10                         |
| 11/01/92 00:15 | 0.00                         |
| 11/01/92 01:15 | 0.10                         |
| 11/01/92 02:00 | 0.10                         |
| 11/01/92 03:15 | 0.10                         |
| 11/01/92 12:45 | 0.10                         |
| 11/10/92 18:00 | 0.10                         |
| 11/11/92 21:00 | 0.20                         |
| 11/11/92 21:15 | 0.10                         |
| 11/11/92 21:30 | 0.10                         |
| 11/11/92 22:45 | 0.10                         |
| 11/19/92 01:15 | 0.10                         |
| 11/19/92 03:15 | 0.10                         |
| 11/19/92 04:00 | 0.10                         |
| 11/19/92 05:45 | 0.10                         |
| 11/19/92 06:45 | 0.10                         |
| 11/19/92 07:15 | 0.10                         |
| 11/19/92 07:30 | 0.40                         |
| 11/19/92 07:45 | 0.10                         |
| 11/19/92 08:15 | 0.10                         |
| 11/19/92 10:00 | 0.10                         |
| 11/21/92 10:15 | 0.10                         |
| 11/21/92 11:00 | 0.10                         |
| 11/21/92 11:30 | 0.10                         |
| 11/21/92 12:30 | 0.10                         |
| 11/21/92 17:15 | 0.10                         |
| 11/24/92 05:00 | 0.10                         |
| 11/24/92 05:30 | 0.10                         |
| 11/24/92 05:45 | 0.10                         |
| 11/24/92 06:15 | 0.10                         |
| 11/24/92 11:30 | 0.10                         |
| 12/01/92 00:15 | 0.00                         |
| 12/09/92 01:00 | 0.10                         |
| 12/09/92 01:30 | 0.10                         |
| 12/09/92 02:00 | 0.10                         |
| 12/09/92 05:15 | 0.10                         |
| 12/13/92 07:45 | 0.10                         |
| 12/13/92 09:45 | 0.10                         |
| 12/13/92 15:45 | 0.10                         |
| 12/13/92 17:45 | 0.10                         |
| 12/13/92 18:15 | 0.10                         |
| 12/13/92 19:00 | 0.10                         |
| 12/13/92 20:45 | 0.10                         |
| 12/13/92 21:15 | 0.10                         |
| 12/13/92 21:30 | 0.40                         |
| 12/13/92 21:45 | 0.10                         |
| 12/13/92 22:00 | 0.20                         |
| 12/13/92 22:30 | 0.10                         |
| 12/13/92 23:15 | 0.10                         |
| 12/14/92 00:45 | 0.10                         |
| 12/14/92 01:15 | 0.10                         |
| 12/14/92 01:30 | 0.10                         |
| 12/14/92 01:45 | 0.20                         |
| 12/14/92 02:00 | 0.10                         |
| 12/14/92 02:15 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 12/14/92 02:30 | 0.10                         |
| 12/14/92 03:30 | 0.10                         |
| 12/14/92 04:30 | 0.20                         |
| 12/14/92 04:45 | 0.10                         |
| 12/14/92 05:15 | 0.10                         |
| 12/14/92 07:45 | 0.10                         |
| 12/14/92 08:00 | 0.10                         |
| 12/14/92 22:30 | 0.10                         |
| 12/15/92 00:45 | 0.10                         |
| 12/15/92 01:45 | 0.10                         |
| 12/15/92 03:00 | 0.10                         |
| 12/15/92 04:15 | 0.10                         |
| 12/15/92 05:45 | 0.10                         |
| 12/15/92 07:15 | 0.10                         |
| 12/15/92 08:30 | 0.10                         |
| 12/15/92 10:45 | 0.10                         |
| 12/16/92 17:30 | 0.10                         |
| 01/01/93 00:15 | 0.00                         |
| 01/09/93 04:00 | 0.10                         |
| 01/09/93 04:30 | 0.10                         |
| 01/09/93 05:15 | 0.10                         |
| 01/09/93 06:15 | 0.10                         |
| 01/11/93 18:30 | 0.10                         |
| 01/19/93 08:45 | 0.10                         |
| 01/19/93 15:15 | 0.10                         |
| 01/19/93 15:45 | 0.10                         |
| 01/19/93 16:30 | 0.10                         |
| 01/19/93 21:00 | 0.10                         |
| 01/19/93 21:30 | 0.10                         |
| 01/19/93 21:45 | 0.10                         |
| 01/19/93 22:45 | 0.10                         |
| 01/28/93 20:00 | 0.10                         |
| 01/29/93 09:00 | 0.10                         |
| 02/01/93 00:15 | 0.00                         |
| 02/03/93 05:45 | 0.10                         |
| 02/03/93 08:30 | 0.10                         |
| 02/03/93 10:15 | 0.10                         |
| 02/03/93 13:00 | 0.10                         |
| 02/03/93 13:30 | 0.10                         |
| 02/03/93 14:15 | 0.10                         |
| 02/03/93 14:30 | 0.10                         |
| 02/03/93 14:45 | 0.10                         |
| 02/03/93 15:45 | 0.10                         |
| 02/03/93 17:15 | 0.10                         |
| 02/03/93 19:00 | 0.10                         |
| 02/03/93 20:00 | 0.10                         |
| 02/03/93 20:45 | 0.10                         |
| 02/03/93 21:30 | 0.10                         |
| 02/03/93 23:15 | 0.10                         |
| 02/03/93 23:45 | 0.10                         |
| 02/04/93 00:45 | 0.10                         |
| 02/04/93 01:45 | 0.10                         |
| 02/04/93 02:15 | 0.10                         |
| 02/04/93 03:15 | 0.10                         |
| 02/04/93 12:15 | 0.10                         |
| 02/10/93 05:15 | 0.10                         |
| 02/10/93 06:00 | 0.10                         |
| 02/15/93 02:00 | 0.10                         |
| 02/15/93 04:00 | 0.10                         |
| 02/15/93 05:45 | 0.10                         |
| 02/15/93 06:00 | 0.10                         |
| 02/15/93 06:15 | 0.10                         |
| 02/15/93 06:30 | 0.10                         |
| 02/15/93 07:00 | 0.10                         |
| 02/15/93 07:45 | 0.10                         |
| 02/15/93 08:15 | 0.10                         |
| 02/15/93 09:00 | 0.10                         |
| 02/15/93 13:00 | 0.10                         |
| 02/24/93 15:45 | 0.10                         |
| 02/24/93 16:30 | 0.10                         |
| 02/24/93 17:15 | 0.10                         |
| 02/24/93 18:15 | 0.10                         |
| 02/24/93 19:00 | 0.10                         |
| 02/24/93 19:45 | 0.10                         |
| 02/24/93 20:30 | 0.10                         |
| 02/24/93 23:00 | 0.10                         |
| 02/24/93 23:30 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 02/25/93 00:15 | 0.10                         |
| 02/25/93 03:00 | 0.10                         |
| 02/25/93 03:15 | 0.10                         |
| 02/25/93 03:30 | 0.20                         |
| 02/25/93 03:45 | 0.20                         |
| 02/25/93 04:00 | 0.10                         |
| 02/25/93 04:45 | 0.10                         |
| 02/25/93 05:30 | 0.10                         |
| 02/28/93 13:15 | 0.10                         |
| 03/01/93 00:15 | 0.00                         |
| 03/01/93 01:45 | 0.10                         |
| 03/01/93 06:30 | 0.10                         |
| 03/01/93 06:45 | 0.10                         |
| 03/01/93 07:30 | 0.10                         |
| 03/01/93 08:30 | 0.10                         |
| 03/01/93 10:30 | 0.10                         |
| 03/12/93 01:00 | 0.10                         |
| 03/14/93 11:00 | 0.10                         |
| 03/15/93 13:00 | 0.10                         |
| 03/16/93 00:45 | 0.10                         |
| 03/19/93 13:00 | 0.10                         |
| 03/19/93 14:30 | 0.10                         |
| 03/19/93 16:30 | 0.10                         |
| 03/22/93 01:30 | 0.10                         |
| 03/22/93 03:00 | 0.10                         |
| 03/22/93 06:30 | 0.10                         |
| 03/22/93 07:00 | 0.10                         |
| 03/22/93 07:45 | 0.10                         |
| 03/22/93 08:30 | 0.10                         |
| 03/22/93 12:45 | 0.10                         |
| 04/01/93 00:15 | 0.00                         |
| 04/03/93 23:15 | 0.10                         |
| 04/03/93 23:30 | 0.20                         |
| 04/03/93 23:45 | 0.10                         |
| 04/04/93 00:30 | 0.10                         |
| 04/04/93 15:15 | 0.00                         |
| 05/01/93 00:15 | 0.00                         |
| 06/01/93 00:15 | 0.00                         |
| 07/01/93 00:15 | 0.00                         |
| 08/01/93 00:15 | 0.00                         |
| 08/16/93 05:00 | 0.10                         |
| 08/16/93 07:00 | 0.10                         |
| 08/16/93 08:00 | 0.20                         |
| 08/30/93 02:00 | 0.10                         |
| 09/01/93 00:15 | 0.00                         |
| 09/11/93 01:30 | 0.10                         |
| 09/15/93 01:15 | 0.10                         |
| 09/15/93 01:45 | 0.10                         |
| 09/15/93 02:00 | 1.40                         |
| 09/15/93 02:15 | 0.70                         |
| 09/15/93 02:30 | 0.20                         |
| 09/15/93 07:45 | 0.10                         |
| 09/15/93 08:15 | 0.10                         |
| 09/15/93 08:30 | 0.40                         |
| 09/15/93 08:45 | 0.10                         |
| 09/15/93 17:30 | 0.20                         |
| 09/15/93 18:00 | 0.10                         |
| 09/15/93 18:15 | 0.10                         |
| 09/15/93 18:45 | 0.20                         |
| 09/15/93 19:00 | 0.20                         |
| 09/15/93 19:15 | 0.10                         |
| 09/15/93 19:30 | 0.30                         |
| 09/15/93 19:45 | 0.80                         |
| 09/15/93 20:00 | 0.10                         |
| 09/15/93 21:00 | 0.10                         |
| 09/15/93 23:00 | 0.10                         |
| 09/25/93 22:00 | 0.10                         |
| 09/25/93 23:15 | 0.10                         |
| 09/26/93 05:00 | 0.10                         |
| 10/01/93 00:15 | 0.00                         |
| 10/03/93 01:30 | 0.10                         |
| 10/03/93 01:45 | 0.10                         |
| 10/03/93 03:15 | 0.10                         |
| 10/03/93 03:30 | 0.10                         |
| 10/03/93 04:00 | 0.10                         |
| 10/03/93 04:30 | 0.10                         |
| 10/11/93 07:15 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 10/11/93 07:30 | 0.20                         |
| 10/11/93 07:45 | 0.40                         |
| 10/11/93 08:00 | 0.20                         |
| 10/11/93 08:30 | 0.10                         |
| 10/11/93 11:15 | 0.10                         |
| 10/17/93 18:30 | 0.20                         |
| 10/17/93 18:45 | 0.10                         |
| 10/17/93 19:30 | 0.10                         |
| 10/17/93 20:00 | 0.10                         |
| 10/18/93 11:45 | 0.40                         |
| 10/18/93 12:00 | 0.30                         |
| 10/18/93 12:15 | 0.10                         |
| 10/18/93 13:15 | 0.10                         |
| 10/18/93 16:15 | 0.10                         |
| 10/18/93 16:30 | 0.20                         |
| 10/18/93 16:45 | 0.10                         |
| 10/18/93 17:00 | 0.10                         |
| 10/18/93 20:30 | 0.10                         |
| 10/18/93 20:45 | 0.10                         |
| 10/18/93 21:00 | 0.10                         |
| 10/18/93 21:45 | 0.10                         |
| 10/18/93 22:45 | 0.10                         |
| 10/18/93 23:15 | 0.10                         |
| 10/19/93 05:00 | 0.10                         |
| 10/19/93 05:15 | 0.20                         |
| 10/19/93 05:30 | 0.10                         |
| 10/19/93 07:00 | 0.10                         |
| 10/19/93 07:30 | 0.10                         |
| 10/19/93 07:45 | 0.10                         |
| 10/19/93 10:15 | 0.20                         |
| 10/19/93 11:30 | 0.10                         |
| 10/19/93 13:15 | 0.10                         |
| 10/28/93 09:00 | 0.00                         |
| 11/01/93 00:15 | 0.00                         |
| 11/04/93 08:30 | 0.00                         |
| 11/05/93 14:45 | 0.00                         |
| 11/11/93 16:45 | 0.10                         |
| 11/14/93 02:00 | 0.30                         |
| 11/14/93 04:00 | 0.10                         |
| 11/14/93 05:30 | 0.10                         |
| 11/16/93 05:00 | 0.10                         |
| 11/16/93 06:00 | 0.10                         |
| 11/16/93 07:30 | 0.10                         |
| 11/16/93 07:45 | 0.10                         |
| 11/16/93 08:00 | 0.10                         |
| 11/16/93 09:30 | 0.10                         |
| 11/16/93 10:15 | 0.10                         |
| 11/25/93 12:30 | 0.10                         |
| 11/25/93 13:45 | 0.10                         |
| 11/25/93 16:15 | 0.10                         |
| 11/25/93 17:00 | 0.10                         |
| 11/25/93 20:30 | 0.10                         |
| 12/01/93 00:15 | 0.00                         |
| 12/07/93 08:30 | 0.00                         |
| 12/07/93 09:15 | 0.00                         |
| 12/13/93 00:15 | 0.00                         |
| 12/13/93 00:30 | 0.10                         |
| 12/13/93 01:30 | 0.10                         |
| 12/13/93 02:00 | 0.10                         |
| 12/13/93 02:30 | 0.10                         |
| 12/13/93 03:00 | 0.10                         |
| 12/22/93 05:30 | 0.10                         |
| 12/22/93 07:45 | 0.10                         |
| 12/22/93 11:15 | 0.10                         |
| 01/01/94 00:15 | 0.00                         |
| 01/10/94 10:15 | 0.00                         |
| 03/01/94 00:15 | 0.00                         |
| 04/01/94 00:15 | 0.00                         |
| 05/01/94 00:15 | 0.10                         |
| 05/02/94 06:30 | 0.10                         |
| 05/02/94 13:15 | 0.10                         |
| 05/02/94 13:45 | 0.10                         |
| 05/02/94 14:00 | 0.10                         |
| 05/02/94 14:30 | 0.10                         |
| 05/02/94 15:00 | 0.10                         |
| 05/02/94 15:15 | 0.20                         |
| 05/02/94 15:45 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 05/09/94 12:00 | 0.10                         |
| 05/10/94 16:30 | 0.10                         |
| 05/10/94 18:00 | 0.10                         |
| 05/10/94 18:30 | 0.10                         |
| 05/10/94 19:15 | 0.10                         |
| 05/11/94 16:00 | 0.20                         |
| 05/11/94 16:30 | 0.10                         |
| 05/11/94 17:00 | 0.20                         |
| 05/11/94 17:15 | 0.50                         |
| 05/11/94 17:30 | 0.70                         |
| 05/11/94 17:45 | 0.30                         |
| 05/11/94 18:00 | 0.10                         |
| 05/11/94 18:15 | 0.10                         |
| 05/11/94 19:45 | 0.10                         |
| 05/11/94 21:45 | 0.10                         |
| 05/12/94 06:00 | 0.10                         |
| 05/12/94 19:45 | 0.10                         |
| 05/12/94 20:15 | 0.10                         |
| 05/12/94 23:00 | 0.10                         |
| 05/12/94 23:30 | 0.10                         |
| 05/13/94 00:30 | 0.10                         |
| 05/13/94 01:00 | 0.10                         |
| 05/13/94 13:00 | 0.10                         |
| 05/14/94 13:15 | 0.10                         |
| 05/14/94 15:00 | 0.10                         |
| 05/25/94 19:15 | 0.10                         |
| 05/25/94 21:30 | 0.10                         |
| 05/25/94 22:15 | 0.00                         |
| 05/29/94 08:15 | 0.00                         |
| 05/30/94 08:00 | 0.60                         |
| 06/01/94 00:15 | 0.00                         |
| 06/01/94 00:45 | 0.00                         |
| 06/11/94 08:15 | 0.10                         |
| 06/12/94 08:45 | 0.10                         |
| 06/16/94 03:45 | 0.10                         |
| 06/16/94 04:00 | 0.10                         |
| 06/16/94 04:15 | 0.10                         |
| 06/16/94 05:00 | 0.10                         |
| 06/16/94 05:30 | 0.10                         |
| 06/16/94 05:45 | 0.10                         |
| 06/16/94 07:45 | 0.10                         |
| 06/16/94 10:00 | 0.10                         |
| 06/19/94 12:00 | 0.20                         |
| 06/19/94 13:45 | 0.10                         |
| 07/01/94 00:15 | 0.00                         |
| 07/01/94 03:00 | 0.00                         |
| 07/08/94 20:15 | 0.10                         |
| 07/08/94 20:30 | 0.30                         |
| 07/08/94 20:45 | 0.30                         |
| 07/08/94 21:00 | 0.20                         |
| 07/10/94 05:30 | 0.10                         |
| 07/10/94 06:30 | 0.10                         |
| 07/11/94 06:00 | 0.10                         |
| 07/11/94 11:45 | 0.10                         |
| 07/11/94 12:30 | 0.80                         |
| 07/11/94 12:45 | 0.50                         |
| 07/11/94 13:00 | 0.10                         |
| 07/11/94 13:45 | 0.30                         |
| 07/11/94 14:00 | 1.00                         |
| 07/11/94 14:15 | 0.10                         |
| 07/11/94 14:30 | 0.60                         |
| 07/11/94 15:00 | 0.10                         |
| 07/11/94 15:30 | 0.10                         |
| 07/11/94 15:45 | 0.20                         |
| 07/11/94 17:15 | 0.10                         |
| 07/11/94 18:00 | 0.20                         |
| 07/11/94 18:15 | 0.10                         |
| 07/11/94 18:30 | 0.10                         |
| 07/11/94 19:00 | 0.10                         |
| 07/11/94 19:30 | 0.30                         |
| 07/11/94 19:45 | 0.10                         |
| 07/11/94 20:30 | 0.10                         |
| 07/11/94 20:45 | 0.10                         |
| 07/11/94 21:00 | 0.10                         |
| 07/12/94 08:15 | 0.00                         |
| 07/13/94 08:00 | 0.00                         |
| 08/01/94 00:15 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 08/20/94 08:15 | 0.00                         |
| 08/21/94 08:00 | 0.00                         |
| 09/01/94 00:15 | 0.00                         |
| 09/01/94 00:30 | 0.00                         |
| 11/01/94 00:15 | 0.00                         |
| 11/03/94 06:45 | 0.10                         |
| 11/04/94 21:45 | 0.40                         |
| 11/04/94 22:00 | 0.10                         |
| 11/04/94 22:15 | 0.10                         |
| 11/04/94 22:30 | 0.20                         |
| 11/04/94 22:45 | 0.20                         |
| 11/04/94 23:00 | 0.20                         |
| 11/04/94 23:15 | 0.30                         |
| 11/04/94 23:30 | 0.10                         |
| 11/05/94 01:00 | 0.10                         |
| 11/05/94 01:30 | 0.10                         |
| 11/05/94 02:00 | 0.10                         |
| 11/05/94 02:45 | 0.10                         |
| 11/06/94 10:30 | 0.10                         |
| 11/09/94 06:45 | 0.10                         |
| 11/09/94 07:30 | 0.10                         |
| 11/09/94 08:30 | 0.10                         |
| 11/09/94 08:45 | 0.10                         |
| 11/09/94 10:15 | 0.10                         |
| 11/09/94 12:15 | 0.10                         |
| 11/14/94 10:15 | 0.10                         |
| 11/14/94 10:30 | 0.10                         |
| 11/14/94 11:00 | 0.10                         |
| 11/14/94 11:15 | 0.10                         |
| 11/14/94 11:30 | 0.10                         |
| 11/14/94 12:00 | 0.10                         |
| 11/14/94 13:00 | 0.10                         |
| 11/14/94 15:00 | 0.10                         |
| 11/14/94 15:45 | 0.10                         |
| 11/14/94 16:00 | 0.10                         |
| 11/14/94 16:15 | 0.10                         |
| 11/14/94 16:30 | 0.10                         |
| 11/14/94 17:15 | 0.10                         |
| 11/14/94 18:30 | 0.10                         |
| 11/14/94 19:45 | 0.10                         |
| 11/14/94 20:30 | 0.10                         |
| 11/14/94 21:00 | 0.10                         |
| 11/14/94 21:15 | 0.10                         |
| 11/14/94 21:45 | 0.10                         |
| 11/14/94 22:30 | 0.10                         |
| 11/14/94 23:45 | 0.10                         |
| 11/15/94 00:15 | 0.10                         |
| 11/15/94 01:15 | 0.10                         |
| 11/15/94 03:00 | 0.10                         |
| 11/15/94 10:00 | 0.00                         |
| 11/20/94 01:00 | 0.00                         |
| 11/20/94 05:30 | 0.10                         |
| 11/20/94 06:00 | 0.10                         |
| 11/20/94 07:45 | 0.10                         |
| 11/20/94 08:00 | 0.10                         |
| 11/20/94 08:30 | 0.10                         |
| 11/20/94 09:00 | 0.10                         |
| 11/24/94 06:30 | 0.10                         |
| 12/01/94 00:15 | 0.00                         |
| 12/01/94 16:00 | 0.10                         |
| 12/08/94 08:15 | 0.10                         |
| 12/08/94 09:00 | 0.10                         |
| 12/08/94 09:15 | 0.10                         |
| 12/08/94 09:30 | 0.10                         |
| 12/08/94 09:45 | 0.10                         |
| 12/08/94 17:00 | 0.10                         |
| 12/09/94 08:30 | 0.10                         |
| 12/09/94 11:45 | 0.10                         |
| 12/09/94 14:45 | 0.10                         |
| 12/09/94 17:00 | 0.10                         |
| 12/09/94 19:30 | 0.10                         |
| 12/09/94 20:45 | 0.10                         |
| 12/14/94 02:30 | 0.10                         |
| 12/15/94 07:30 | 0.10                         |
| 12/27/94 22:15 | 0.10                         |
| 12/28/94 13:00 | 0.10                         |
| 12/28/94 18:30 | 0.10                         |



| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 12/31/94 10:45 | 0.10                         |
| 12/31/94 11:30 | 0.10                         |
| 12/31/94 12:45 | 0.10                         |
| 01/01/95 00:15 | 0.00                         |
| 01/03/95 15:45 | 0.10                         |
| 01/06/95 04:00 | 0.10                         |
| 01/12/95 18:00 | 0.20                         |
| 01/12/95 18:15 | 0.10                         |
| 01/12/95 18:45 | 0.10                         |
| 01/12/95 19:00 | 0.10                         |
| 01/17/95 00:45 | 0.10                         |
| 01/18/95 05:30 | 0.10                         |
| 01/18/95 07:00 | 0.10                         |
| 01/18/95 11:15 | 0.10                         |
| 01/18/95 13:30 | 0.10                         |
| 01/18/95 15:30 | 0.10                         |
| 01/22/95 09:30 | 0.10                         |
| 01/22/95 10:00 | 0.10                         |
| 01/26/95 10:00 | 0.10                         |
| 01/26/95 10:45 | 0.10                         |
| 01/26/95 11:15 | 0.10                         |
| 02/01/95 00:15 | 0.00                         |
| 02/01/95 13:45 | 0.00                         |
| 02/11/95 05:15 | 0.10                         |
| 02/11/95 06:00 | 0.10                         |
| 02/11/95 08:45 | 0.10                         |
| 02/15/95 02:00 | 0.10                         |
| 02/28/95 10:45 | 0.10                         |
| 02/28/95 11:30 | 0.10                         |
| 03/01/95 00:15 | 0.00                         |
| 03/01/95 17:15 | 0.10                         |
| 03/02/95 16:45 | 0.10                         |
| 03/02/95 22:00 | 0.10                         |
| 03/06/95 21:30 | 0.10                         |
| 03/07/95 02:00 | 0.10                         |
| 03/07/95 17:45 | 0.10                         |
| 03/12/95 17:15 | 0.10                         |
| 03/12/95 18:15 | 0.10                         |
| 03/12/95 18:45 | 0.10                         |
| 03/12/95 20:45 | 0.10                         |
| 03/12/95 22:30 | 0.10                         |
| 03/12/95 23:00 | 0.10                         |
| 03/13/95 00:30 | 0.20                         |
| 03/13/95 00:45 | 0.50                         |
| 03/13/95 01:00 | 0.20                         |
| 03/13/95 01:15 | 0.20                         |
| 03/13/95 01:30 | 0.10                         |
| 03/13/95 01:45 | 0.10                         |
| 03/13/95 02:15 | 0.10                         |
| 03/13/95 03:00 | 0.10                         |
| 03/13/95 03:15 | 0.10                         |
| 03/13/95 03:45 | 0.10                         |
| 03/13/95 04:00 | 0.10                         |
| 03/13/95 04:30 | 0.10                         |
| 03/13/95 05:15 | 0.10                         |
| 03/13/95 06:00 | 0.10                         |
| 03/13/95 06:45 | 0.10                         |
| 03/13/95 07:15 | 0.10                         |
| 03/13/95 07:30 | 0.10                         |
| 03/13/95 08:15 | 0.10                         |
| 03/13/95 17:00 | 0.10                         |
| 03/13/95 17:30 | 0.10                         |
| 03/13/95 17:45 | 0.10                         |
| 03/13/95 23:15 | 0.10                         |
| 03/15/95 10:30 | 0.10                         |
| 03/16/95 10:30 | 0.10                         |
| 03/25/95 14:30 | 0.10                         |
| 03/25/95 14:45 | 0.10                         |
| 03/25/95 15:00 | 0.10                         |
| 03/25/95 17:00 | 0.10                         |
| 03/25/95 17:15 | 0.20                         |
| 03/25/95 17:30 | 0.20                         |
| 03/25/95 17:45 | 0.20                         |
| 03/25/95 18:00 | 0.10                         |
| 03/25/95 18:45 | 0.10                         |
| 03/25/95 19:00 | 0.10                         |
| 03/26/95 06:15 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 03/26/95 08:15 | 0.40                         |
| 03/27/95 11:00 | 0.00                         |
| 04/01/95 00:15 | 0.00                         |
| 04/01/95 11:15 | 0.10                         |
| 04/03/95 22:15 | 0.10                         |
| 04/03/95 22:30 | 0.10                         |
| 04/03/95 22:45 | 0.10                         |
| 04/03/95 23:15 | 0.10                         |
| 04/03/95 23:30 | 0.10                         |
| 04/03/95 23:45 | 0.10                         |
| 04/04/95 00:30 | 0.10                         |
| 04/04/95 00:45 | 0.10                         |
| 04/04/95 01:00 | 0.10                         |
| 04/04/95 01:15 | 0.10                         |
| 04/04/95 01:30 | 0.10                         |
| 04/04/95 02:00 | 0.10                         |
| 04/04/95 02:30 | 0.10                         |
| 04/05/95 00:30 | 0.10                         |
| 04/05/95 06:30 | 0.10                         |
| 04/05/95 07:15 | 0.10                         |
| 04/05/95 07:30 | 0.10                         |
| 04/05/95 07:45 | 0.10                         |
| 04/05/95 08:00 | 0.10                         |
| 04/05/95 08:15 | 0.10                         |
| 04/05/95 08:30 | 0.10                         |
| 04/05/95 08:45 | 0.10                         |
| 04/05/95 09:00 | 0.10                         |
| 04/05/95 09:45 | 0.10                         |
| 04/05/95 10:15 | 0.10                         |
| 04/06/95 10:45 | 0.10                         |
| 04/10/95 12:45 | 0.40                         |
| 04/10/95 13:00 | 0.20                         |
| 04/10/95 13:15 | 0.20                         |
| 04/10/95 13:30 | 0.10                         |
| 04/11/95 10:30 | 0.10                         |
| 04/17/95 20:45 | 0.20                         |
| 04/17/95 21:00 | 0.10                         |
| 04/17/95 21:15 | 0.10                         |
| 04/17/95 22:00 | 0.10                         |
| 04/19/95 12:45 | 0.10                         |
| 04/19/95 13:15 | 0.40                         |
| 04/19/95 13:30 | 0.40                         |
| 04/19/95 13:45 | 0.10                         |
| 04/19/95 20:15 | 0.10                         |
| 04/19/95 20:30 | 0.10                         |
| 04/29/95 19:30 | 0.10                         |
| 04/29/95 19:45 | 0.10                         |
| 04/29/95 20:00 | 0.10                         |
| 05/01/95 00:15 | 0.00                         |
| 05/03/95 01:30 | 0.10                         |
| 05/03/95 03:45 | 0.20                         |
| 05/03/95 04:00 | 0.10                         |
| 05/03/95 04:45 | 0.10                         |
| 05/03/95 05:15 | 0.10                         |
| 05/05/95 18:15 | 0.20                         |
| 05/05/95 18:30 | 0.30                         |
| 05/05/95 18:45 | 0.30                         |
| 05/05/95 19:00 | 0.20                         |
| 05/05/95 19:15 | 0.10                         |
| 05/05/95 19:45 | 0.10                         |
| 05/05/95 20:15 | 0.10                         |
| 05/05/95 21:15 | 0.10                         |
| 05/07/95 20:45 | 0.60                         |
| 05/07/95 21:00 | 0.20                         |
| 05/07/95 21:15 | 0.10                         |
| 05/07/95 21:30 | 0.10                         |
| 05/07/95 23:00 | 0.10                         |
| 05/08/95 00:15 | 0.10                         |
| 05/08/95 00:45 | 0.10                         |
| 05/08/95 01:15 | 0.10                         |
| 05/08/95 01:30 | 0.10                         |
| 05/08/95 02:00 | 0.10                         |
| 05/08/95 02:30 | 0.10                         |
| 05/08/95 02:45 | 0.10                         |
| 05/08/95 03:00 | 0.10                         |
| 05/08/95 04:00 | 0.10                         |
| 05/08/95 04:30 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 05/13/95 10:45 | 0.10                         |
| 05/24/95 16:00 | 0.10                         |
| 05/24/95 16:15 | 0.10                         |
| 05/24/95 16:30 | 0.10                         |
| 05/24/95 16:45 | 0.10                         |
| 05/24/95 18:15 | 0.10                         |
| 05/24/95 19:45 | 0.10                         |
| 05/25/95 02:30 | 0.30                         |
| 05/25/95 02:45 | 0.40                         |
| 05/25/95 03:45 | 0.10                         |
| 05/27/95 00:30 | 0.10                         |
| 05/27/95 03:15 | 0.10                         |
| 05/31/95 20:00 | 0.10                         |
| 05/31/95 22:45 | 0.00                         |
| 06/01/95 00:15 | 0.00                         |
| 06/10/95 12:45 | 0.10                         |
| 06/10/95 16:15 | 0.10                         |
| 06/10/95 20:15 | 0.10                         |
| 06/10/95 20:45 | 0.20                         |
| 06/10/95 21:00 | 0.20                         |
| 06/10/95 21:30 | 0.10                         |
| 06/10/95 22:00 | 0.10                         |
| 06/10/95 22:30 | 0.10                         |
| 06/10/95 23:00 | 0.10                         |
| 06/10/95 23:30 | 0.10                         |
| 06/10/95 23:45 | 0.10                         |
| 06/11/95 00:15 | 0.10                         |
| 06/11/95 00:30 | 0.10                         |
| 06/11/95 01:15 | 0.10                         |
| 06/11/95 01:45 | 0.10                         |
| 06/28/95 13:00 | 0.10                         |
| 06/28/95 14:15 | 0.10                         |
| 07/01/95 00:15 | 0.00                         |
| 07/03/95 14:15 | 0.10                         |
| 07/03/95 15:15 | 0.10                         |
| 07/04/95 22:30 | 0.20                         |
| 07/04/95 22:45 | 0.20                         |
| 07/04/95 23:00 | 0.10                         |
| 07/05/95 01:30 | 0.10                         |
| 07/05/95 01:45 | 0.10                         |
| 07/05/95 03:00 | 0.20                         |
| 07/05/95 03:15 | 0.10                         |
| 07/05/95 03:30 | 0.10                         |
| 07/05/95 09:00 | 0.10                         |
| 07/15/95 13:00 | 0.10                         |
| 07/18/95 21:15 | 0.10                         |
| 07/20/95 10:30 | 0.10                         |
| 07/21/95 07:15 | 0.10                         |
| 07/22/95 07:00 | 0.10                         |
| 07/23/95 07:30 | 0.10                         |
| 07/23/95 07:45 | 0.40                         |
| 07/23/95 08:00 | 0.40                         |
| 07/23/95 08:15 | 0.10                         |
| 07/23/95 11:15 | 0.10                         |
| 07/31/95 08:30 | 0.10                         |
| 07/31/95 18:45 | 0.30                         |
| 07/31/95 19:00 | 0.20                         |
| 07/31/95 22:45 | 0.00                         |
| 08/01/95 00:15 | 0.00                         |
| 09/01/95 00:15 | 0.00                         |
| 09/12/95 12:00 | 0.10                         |
| 09/12/95 21:30 | 0.10                         |
| 09/13/95 02:30 | 0.10                         |
| 09/13/95 03:00 | 0.10                         |
| 09/13/95 03:15 | 0.10                         |
| 09/13/95 04:15 | 0.10                         |
| 09/13/95 04:45 | 0.10                         |
| 09/13/95 05:15 | 0.10                         |
| 09/13/95 06:15 | 0.10                         |
| 09/13/95 09:00 | 0.10                         |
| 09/13/95 19:30 | 0.10                         |
| 09/18/95 14:45 | 0.10                         |
| 09/18/95 16:45 | 0.10                         |
| 09/18/95 17:30 | 0.10                         |
| 09/18/95 17:45 | 0.10                         |
| 09/18/95 18:15 | 0.10                         |
| 09/19/95 09:30 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 09/19/95 11:00 | 0.10                         |
| 09/22/95 17:00 | 0.10                         |
| 09/23/95 13:00 | 0.10                         |
| 09/25/95 06:00 | 0.10                         |
| 09/25/95 06:30 | 0.10                         |
| 09/25/95 10:45 | 0.10                         |
| 09/25/95 17:15 | 0.10                         |
| 10/01/95 00:15 | 0.00                         |
| 10/01/95 07:45 | 0.10                         |
| 10/02/95 15:00 | 0.10                         |
| 10/03/95 08:45 | 0.10                         |
| 10/22/95 12:15 | 0.10                         |
| 10/24/95 10:45 | 0.00                         |
| 10/24/95 14:00 | 0.00                         |
| 10/29/95 08:15 | 0.00                         |
| 10/30/95 06:00 | 0.00                         |
| 10/30/95 06:30 | 0.10                         |
| 10/30/95 09:00 | 0.10                         |
| 10/30/95 10:15 | 0.10                         |
| 10/31/95 22:45 | 0.00                         |
| 11/01/95 00:15 | 0.00                         |
| 11/01/95 00:45 | 0.30                         |
| 11/01/95 02:45 | 0.70                         |
| 11/01/95 03:00 | 0.10                         |
| 11/01/95 04:00 | 0.10                         |
| 11/28/95 11:15 | 0.10                         |
| 04/01/97 00:15 | 0.00                         |
| 04/01/97 13:00 | 0.00                         |
| 04/01/97 13:15 | 0.00                         |
| 04/01/97 13:30 | 0.00                         |
| 04/01/97 13:45 | 0.00                         |
| 04/01/97 14:15 | 0.10                         |
| 04/03/97 20:00 | 0.10                         |
| 04/03/97 22:30 | 0.10                         |
| 04/03/97 23:30 | 0.10                         |
| 04/04/97 00:30 | 0.10                         |
| 04/04/97 01:00 | 0.10                         |
| 04/04/97 01:15 | 0.10                         |
| 04/04/97 07:00 | 0.20                         |
| 04/04/97 08:15 | 0.10                         |
| 04/04/97 08:45 | 0.10                         |
| 04/04/97 09:00 | 0.10                         |
| 04/04/97 09:15 | 0.10                         |
| 04/04/97 09:30 | 0.10                         |
| 04/04/97 09:45 | 0.10                         |
| 04/04/97 11:15 | 0.10                         |
| 04/04/97 12:45 | 0.20                         |
| 04/04/97 13:00 | 0.20                         |
| 04/04/97 17:00 | 0.10                         |
| 04/04/97 17:15 | 0.10                         |
| 04/04/97 18:15 | 0.30                         |
| 04/05/97 00:45 | 0.10                         |
| 04/05/97 10:45 | 0.10                         |
| 04/08/97 08:45 | 0.20                         |
| 04/11/97 05:00 | 0.20                         |
| 04/11/97 05:15 | 0.10                         |
| 04/11/97 06:00 | 0.10                         |
| 04/11/97 06:15 | 0.10                         |
| 04/11/97 07:00 | 0.10                         |
| 04/11/97 08:00 | 0.10                         |
| 04/12/97 10:15 | 0.10                         |
| 04/17/97 14:45 | 0.20                         |
| 04/17/97 15:00 | 0.10                         |
| 04/18/97 09:15 | 0.10                         |
| 04/18/97 21:45 | 0.20                         |
| 04/18/97 22:00 | 0.20                         |
| 04/18/97 22:30 | 0.10                         |
| 04/19/97 00:15 | 0.10                         |
| 04/19/97 05:00 | 0.10                         |
| 04/22/97 05:30 | 0.10                         |
| 04/22/97 06:00 | 0.10                         |
| 04/22/97 06:15 | 0.10                         |
| 04/22/97 06:30 | 0.10                         |
| 04/22/97 06:45 | 0.10                         |
| 04/22/97 07:00 | 0.10                         |
| 04/22/97 07:15 | 0.10                         |
| 04/22/97 07:30 | 0.20                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 04/22/97 07:45 | 0.10                         |
| 04/22/97 09:30 | 0.10                         |
| 04/23/97 03:30 | 0.10                         |
| 04/23/97 03:45 | 0.10                         |
| 04/26/97 00:45 | 0.20                         |
| 05/01/97 00:15 | 0.00                         |
| 05/04/97 10:15 | 0.00                         |
| 05/04/97 10:30 | 0.00                         |
| 06/01/97 00:15 | 0.00                         |
| 07/01/97 00:15 | 0.00                         |
| 08/01/97 00:15 | 0.00                         |
| 11/01/97 00:15 | 0.00                         |
| 11/04/97 08:15 | 0.00                         |
| 11/04/97 08:30 | 0.00                         |
| 11/04/97 08:45 | 0.00                         |
| 11/09/97 14:30 | 0.10                         |
| 11/11/97 23:00 | 0.10                         |
| 11/12/97 03:00 | 0.10                         |
| 11/12/97 05:00 | 0.10                         |
| 11/12/97 06:00 | 0.10                         |
| 11/12/97 07:30 | 0.10                         |
| 11/13/97 01:45 | 0.10                         |
| 11/13/97 02:30 | 0.10                         |
| 11/13/97 05:45 | 0.10                         |
| 11/18/97 11:00 | 0.10                         |
| 11/19/97 10:45 | 0.00                         |
| 11/20/97 09:00 | 0.00                         |
| 11/20/97 09:15 | 0.00                         |
| 11/20/97 09:45 | 0.00                         |
| 11/27/97 19:30 | 0.10                         |
| 11/27/97 21:00 | 0.10                         |
| 11/27/97 21:15 | 0.10                         |
| 11/27/97 21:45 | 0.10                         |
| 12/01/97 00:15 | 0.00                         |
| 12/01/97 06:45 | 0.10                         |
| 12/01/97 07:45 | 0.10                         |
| 12/01/97 08:30 | 0.10                         |
| 12/01/97 08:45 | 0.10                         |
| 12/01/97 09:15 | 0.10                         |
| 12/01/97 09:45 | 0.10                         |
| 12/01/97 10:45 | 0.10                         |
| 12/01/97 11:15 | 0.10                         |
| 12/01/97 11:45 | 0.10                         |
| 12/01/97 12:30 | 0.10                         |
| 12/02/97 09:45 | 0.00                         |
| 12/02/97 10:00 | 0.00                         |
| 12/02/97 11:00 | 0.00                         |
| 12/02/97 11:15 | 0.00                         |
| 01/01/98 00:15 | 0.00                         |
| 05/01/98 00:15 | 0.00                         |
| 05/01/98 00:30 | 0.00                         |
| 05/01/98 06:15 | 0.10                         |
| 05/08/98 22:15 | 0.10                         |
| 05/08/98 23:15 | 0.10                         |
| 05/08/98 23:30 | 0.20                         |
| 05/25/98 15:45 | 0.00                         |
| 05/27/98 02:00 | 0.50                         |
| 05/27/98 02:15 | 0.90                         |
| 05/27/98 02:30 | 0.20                         |
| 05/27/98 03:30 | 0.10                         |
| 05/27/98 04:15 | 0.10                         |
| 05/27/98 05:00 | 0.10                         |
| 06/01/98 00:15 | 0.00                         |
| 06/04/98 19:15 | 0.10                         |
| 06/04/98 19:30 | 0.40                         |
| 06/04/98 19:45 | 0.20                         |
| 06/05/98 10:30 | 0.10                         |
| 06/10/98 15:15 | 0.30                         |
| 06/10/98 15:45 | 0.20                         |
| 06/10/98 16:00 | 0.30                         |
| 06/10/98 16:45 | 0.10                         |
| 06/11/98 04:00 | 0.20                         |
| 06/11/98 04:15 | 0.10                         |
| 06/11/98 06:00 | 0.10                         |
| 06/12/98 08:15 | 0.00                         |
| 06/12/98 08:45 | 0.00                         |
| 08/01/98 00:15 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 08/12/98 06:30 | 0.00                         |
| 08/12/98 06:45 | 0.00                         |
| 08/12/98 07:00 | 0.00                         |
| 08/12/98 08:15 | 0.10                         |
| 09/01/98 00:15 | 0.00                         |
| 09/12/98 07:15 | 0.10                         |
| 09/13/98 02:30 | 0.10                         |
| 09/13/98 14:30 | 0.10                         |
| 09/13/98 17:00 | 0.10                         |
| 09/13/98 18:00 | 0.10                         |
| 09/13/98 18:30 | 0.20                         |
| 09/14/98 02:15 | 0.10                         |
| 09/15/98 13:00 | 0.30                         |
| 09/15/98 13:15 | 0.10                         |
| 09/15/98 13:30 | 0.10                         |
| 09/16/98 00:45 | 0.10                         |
| 09/16/98 08:00 | 0.10                         |
| 09/16/98 08:45 | 0.10                         |
| 09/16/98 09:15 | 0.10                         |
| 09/16/98 09:30 | 0.10                         |
| 09/16/98 10:30 | 0.10                         |
| 10/01/98 00:15 | 0.00                         |
| 10/02/98 07:45 | 0.10                         |
| 10/02/98 08:00 | 0.10                         |
| 10/02/98 09:15 | 0.10                         |
| 10/02/98 09:30 | 0.10                         |
| 10/02/98 10:00 | 0.60                         |
| 10/02/98 10:15 | 0.40                         |
| 10/02/98 10:30 | 0.20                         |
| 10/02/98 10:45 | 0.30                         |
| 10/02/98 11:00 | 0.10                         |
| 10/02/98 16:15 | 0.10                         |
| 10/02/98 16:30 | 0.50                         |
| 10/02/98 16:45 | 0.40                         |
| 10/02/98 17:15 | 0.10                         |
| 10/02/98 20:00 | 0.10                         |
| 10/02/98 20:15 | 0.10                         |
| 10/02/98 20:30 | 0.10                         |
| 10/05/98 14:15 | 0.40                         |
| 10/05/98 14:30 | 0.10                         |
| 10/05/98 15:45 | 0.20                         |
| 10/05/98 21:30 | 0.10                         |
| 10/05/98 23:00 | 0.10                         |
| 10/06/98 00:30 | 0.10                         |
| 10/06/98 01:30 | 0.10                         |
| 10/06/98 02:15 | 0.10                         |
| 10/17/98 07:45 | 0.10                         |
| 10/17/98 20:45 | 0.10                         |
| 10/17/98 21:15 | 0.30                         |
| 10/17/98 21:30 | 0.30                         |
| 10/17/98 21:45 | 0.20                         |
| 10/17/98 22:00 | 0.10                         |
| 10/20/98 14:45 | 0.10                         |
| 10/20/98 15:00 | 0.10                         |
| 10/20/98 17:30 | 0.10                         |
| 10/20/98 21:45 | 0.10                         |
| 10/20/98 23:15 | 0.10                         |
| 10/31/98 22:45 | 0.00                         |
| 11/01/98 00:15 | 0.00                         |
| 11/01/98 23:00 | 0.00                         |
| 11/01/98 23:15 | 0.00                         |
| 11/02/98 03:30 | 0.10                         |
| 11/02/98 06:15 | 0.60                         |
| 11/02/98 06:30 | 0.30                         |
| 11/02/98 06:45 | 0.10                         |
| 11/02/98 07:00 | 0.10                         |
| 11/02/98 07:15 | 0.10                         |
| 11/02/98 08:00 | 0.10                         |
| 11/02/98 09:00 | 0.10                         |
| 11/02/98 10:00 | 0.10                         |
| 11/02/98 10:45 | 0.10                         |
| 11/08/98 14:45 | 0.10                         |
| 11/11/98 00:15 | 0.10                         |
| 11/11/98 03:15 | 0.10                         |
| 11/13/98 16:30 | 0.10                         |
| 11/13/98 16:45 | 0.10                         |
| 11/13/98 17:00 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 11/13/98 18:00 | 0.10                         |
| 11/13/98 20:00 | 0.10                         |
| 11/13/98 23:45 | 0.10                         |
| 11/14/98 00:45 | 0.10                         |
| 11/14/98 01:00 | 0.10                         |
| 11/14/98 01:30 | 0.10                         |
| 11/17/98 14:15 | 0.00                         |
| 11/21/98 00:45 | 0.00                         |
| 11/22/98 09:15 | 0.10                         |
| 11/30/98 20:45 | 0.20                         |
| 11/30/98 21:00 | 0.10                         |
| 11/30/98 21:15 | 0.10                         |
| 11/30/98 21:45 | 0.10                         |
| 12/01/98 00:15 | 0.00                         |
| 12/04/98 15:15 | 0.10                         |
| 12/04/98 15:30 | 0.10                         |
| 12/04/98 16:30 | 0.10                         |
| 12/04/98 17:00 | 0.10                         |
| 12/04/98 18:15 | 0.10                         |
| 12/04/98 20:00 | 0.20                         |
| 12/04/98 20:15 | 0.50                         |
| 12/04/98 20:45 | 0.10                         |
| 12/04/98 21:00 | 0.10                         |
| 12/04/98 22:00 | 0.10                         |
| 12/04/98 22:15 | 0.30                         |
| 12/04/98 22:45 | 0.10                         |
| 12/04/98 23:00 | 0.10                         |
| 12/04/98 23:30 | 0.10                         |
| 12/05/98 00:15 | 0.10                         |
| 12/05/98 00:45 | 0.10                         |
| 12/05/98 02:15 | 0.10                         |
| 12/05/98 02:30 | 0.10                         |
| 12/05/98 08:00 | 0.00                         |
| 12/05/98 09:00 | 0.00                         |
| 12/07/98 10:45 | 0.10                         |
| 12/08/98 10:30 | 0.10                         |
| 12/10/98 23:45 | 0.10                         |
| 12/11/98 07:30 | 0.10                         |
| 12/11/98 07:45 | 0.10                         |
| 12/11/98 08:30 | 0.10                         |
| 12/11/98 09:15 | 0.10                         |
| 12/11/98 10:15 | 0.10                         |
| 12/11/98 11:15 | 0.10                         |
| 12/11/98 12:15 | 0.10                         |
| 12/11/98 14:00 | 0.10                         |
| 12/12/98 15:15 | 0.10                         |
| 12/12/98 17:45 | 0.10                         |
| 12/12/98 21:45 | 0.10                         |
| 12/12/98 22:45 | 0.10                         |
| 12/13/98 00:15 | 0.10                         |
| 12/13/98 00:30 | 0.10                         |
| 12/13/98 00:45 | 0.10                         |
| 12/13/98 01:45 | 0.10                         |
| 12/19/98 12:45 | 0.10                         |
| 12/19/98 14:15 | 0.10                         |
| 12/19/98 14:45 | 0.10                         |
| 12/19/98 15:15 | 0.10                         |
| 12/19/98 15:45 | 0.10                         |
| 12/19/98 16:15 | 0.10                         |
| 12/19/98 17:00 | 0.10                         |
| 12/25/98 12:30 | 0.10                         |
| 01/01/99 00:15 | 0.00                         |
| 01/06/99 09:15 | 0.00                         |
| 01/07/99 08:00 | 0.00                         |
| 01/11/99 17:45 | 0.00                         |
| 01/28/99 15:45 | 0.10                         |
| 01/28/99 16:45 | 0.10                         |
| 01/28/99 22:45 | 0.10                         |
| 01/28/99 23:00 | 0.10                         |
| 01/28/99 23:45 | 0.10                         |
| 01/29/99 01:45 | 0.10                         |
| 01/29/99 06:00 | 0.10                         |
| 01/29/99 07:00 | 0.10                         |
| 01/29/99 07:45 | 0.10                         |
| 01/29/99 08:45 | 0.10                         |
| 01/29/99 21:00 | 0.10                         |
| 01/31/99 12:30 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 02/01/99 00:15 | 0.00                         |
| 02/01/99 07:45 | 0.00                         |
| 02/01/99 08:00 | 0.00                         |
| 02/01/99 08:45 | 0.00                         |
| 02/01/99 09:15 | 0.00                         |
| 02/06/99 20:00 | 0.30                         |
| 02/06/99 20:15 | 0.10                         |
| 02/10/99 09:30 | 0.00                         |
| 02/10/99 09:45 | 0.00                         |
| 03/01/99 00:15 | 0.00                         |
| 03/08/99 01:00 | 0.10                         |
| 03/08/99 08:45 | 0.40                         |
| 03/08/99 09:00 | 0.30                         |
| 03/08/99 09:15 | 0.10                         |
| 03/08/99 09:30 | 0.10                         |
| 03/09/99 08:45 | 0.00                         |
| 03/09/99 09:30 | 0.00                         |
| 03/10/99 08:45 | 0.10                         |
| 03/11/99 05:15 | 0.10                         |
| 03/11/99 07:15 | 0.10                         |
| 03/11/99 08:45 | 0.10                         |
| 03/12/99 08:45 | 0.10                         |
| 03/12/99 15:00 | 0.10                         |
| 03/18/99 11:00 | 0.10                         |
| 03/18/99 16:30 | 0.10                         |
| 03/27/99 17:15 | 0.10                         |
| 03/27/99 19:15 | 0.10                         |
| 03/27/99 20:30 | 0.10                         |
| 03/27/99 22:15 | 0.10                         |
| 04/01/99 00:15 | 0.00                         |
| 04/02/99 10:15 | 0.00                         |
| 04/02/99 10:45 | 0.00                         |
| 04/03/99 03:30 | 0.30                         |
| 04/03/99 03:45 | 0.10                         |
| 04/03/99 04:00 | 0.10                         |
| 04/03/99 07:15 | 0.10                         |
| 04/03/99 07:30 | 0.10                         |
| 04/03/99 07:45 | 0.20                         |
| 04/03/99 08:00 | 0.10                         |
| 04/03/99 08:30 | 0.10                         |
| 04/03/99 09:30 | 0.10                         |
| 04/04/99 14:00 | 0.40                         |
| 04/05/99 08:15 | 0.10                         |
| 04/05/99 10:30 | 0.00                         |
| 04/05/99 10:45 | 0.00                         |
| 04/14/99 01:15 | 0.30                         |
| 04/14/99 01:30 | 0.20                         |
| 04/14/99 02:00 | 0.20                         |
| 04/14/99 02:15 | 0.10                         |
| 04/14/99 02:30 | 0.10                         |
| 04/14/99 04:15 | 0.10                         |
| 04/14/99 04:45 | 0.10                         |
| 04/25/99 07:45 | 0.10                         |
| 04/25/99 11:00 | 0.10                         |
| 04/26/99 06:15 | 0.40                         |
| 04/26/99 06:30 | 0.40                         |
| 04/26/99 07:00 | 0.10                         |
| 04/26/99 08:00 | 0.10                         |
| 05/01/99 00:15 | 0.00                         |
| 05/02/99 06:15 | 0.10                         |
| 05/02/99 06:30 | 0.10                         |
| 05/02/99 06:45 | 0.10                         |
| 05/02/99 10:00 | 0.10                         |
| 05/03/99 05:30 | 0.00                         |
| 05/03/99 06:00 | 0.00                         |
| 05/03/99 06:15 | 0.00                         |
| 06/01/99 00:15 | 0.00                         |
| 06/01/99 00:30 | 0.00                         |
| 06/01/99 07:00 | 0.00                         |
| 06/01/99 07:15 | 0.00                         |
| 06/01/99 07:30 | 0.00                         |
| 06/21/99 03:00 | 0.10                         |
| 06/21/99 12:30 | 0.20                         |
| 06/21/99 13:15 | 0.10                         |
| 06/21/99 13:30 | 0.10                         |
| 06/22/99 13:30 | 0.10                         |
| 06/22/99 14:15 | 0.10                         |



| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 06/22/99 15:00 | 0.10                         |
| 06/22/99 19:00 | 0.10                         |
| 06/22/99 19:15 | 0.10                         |
| 06/22/99 19:30 | 0.10                         |
| 06/25/99 08:30 | 0.10                         |
| 07/01/99 00:15 | 0.00                         |
| 07/07/99 18:30 | 0.10                         |
| 11/01/99 00:15 | 0.00                         |
| 11/01/99 11:00 | 0.00                         |
| 11/01/99 11:15 | 0.00                         |
| 11/01/99 11:30 | 0.00                         |
| 11/01/99 12:30 | 0.10                         |
| 11/22/99 23:45 | 0.10                         |
| 12/01/99 00:15 | 0.00                         |
| 12/04/99 08:00 | 0.20                         |
| 12/04/99 09:15 | 0.10                         |
| 12/05/99 15:00 | 0.00                         |
| 12/09/99 01:00 | 0.00                         |
| 12/09/99 04:30 | 0.20                         |
| 12/09/99 04:45 | 0.20                         |
| 12/11/99 12:45 | 0.10                         |
| 12/11/99 14:30 | 0.10                         |
| 12/11/99 16:00 | 0.10                         |
| 12/11/99 17:15 | 0.10                         |
| 12/11/99 17:45 | 0.10                         |
| 12/11/99 19:45 | 0.10                         |
| 12/11/99 21:15 | 0.10                         |
| 12/11/99 22:45 | 0.10                         |
| 12/11/99 23:00 | 0.20                         |
| 12/11/99 23:30 | 0.10                         |
| 12/12/99 00:15 | 0.10                         |
| 12/12/99 01:00 | 0.10                         |
| 12/12/99 02:00 | 0.10                         |
| 12/12/99 03:15 | 0.10                         |
| 12/12/99 04:00 | 0.10                         |
| 12/12/99 04:30 | 0.10                         |
| 12/12/99 05:00 | 0.10                         |
| 12/12/99 05:30 | 0.10                         |
| 12/12/99 06:15 | 0.10                         |
| 12/18/99 02:45 | 0.10                         |
| 01/01/00 00:15 | 0.00                         |
| 01/03/00 02:30 | 0.10                         |
| 01/03/00 13:00 | 0.00                         |
| 01/03/00 13:30 | 0.00                         |
| 01/07/00 16:00 | 0.10                         |
| 01/07/00 17:30 | 0.10                         |
| 01/07/00 19:00 | 0.10                         |
| 01/07/00 20:00 | 0.10                         |
| 01/07/00 21:00 | 0.10                         |
| 01/07/00 21:30 | 0.10                         |
| 01/07/00 22:00 | 0.10                         |
| 01/07/00 23:45 | 0.10                         |
| 01/08/00 01:15 | 0.10                         |
| 01/08/00 08:30 | 0.10                         |
| 01/27/00 06:15 | 0.10                         |
| 01/27/00 07:30 | 0.10                         |
| 01/27/00 08:15 | 0.10                         |
| 01/27/00 09:15 | 0.10                         |
| 01/27/00 10:15 | 0.10                         |
| 01/27/00 11:00 | 0.10                         |
| 01/27/00 13:30 | 0.10                         |
| 02/01/00 00:15 | 0.00                         |
| 02/02/00 07:45 | 0.00                         |
| 02/02/00 08:15 | 0.00                         |
| 02/22/00 19:30 | 0.10                         |
| 02/22/00 20:15 | 0.20                         |
| 02/22/00 20:30 | 0.20                         |
| 02/22/00 21:15 | 0.10                         |
| 02/22/00 21:30 | 0.30                         |
| 02/22/00 21:45 | 0.10                         |
| 02/22/00 22:15 | 0.10                         |
| 02/22/00 22:45 | 0.10                         |
| 02/22/00 23:15 | 0.10                         |
| 02/23/00 11:00 | 0.00                         |
| 02/23/00 11:45 | 0.10                         |
| 02/25/00 09:30 | 0.10                         |
| 02/25/00 09:45 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 02/25/00 23:00 | 0.20                         |
| 03/01/00 00:15 | 0.00                         |
| 03/01/00 12:15 | 0.00                         |
| 03/01/00 13:00 | 0.00                         |
| 03/02/00 14:00 | 0.10                         |
| 03/02/00 14:15 | 0.10                         |
| 03/02/00 17:15 | 0.10                         |
| 03/02/00 18:15 | 0.20                         |
| 03/02/00 18:30 | 0.10                         |
| 03/02/00 18:45 | 0.10                         |
| 03/07/00 23:45 | 0.10                         |
| 03/08/00 01:30 | 0.10                         |
| 03/10/00 10:30 | 0.10                         |
| 03/10/00 10:45 | 0.20                         |
| 03/10/00 11:00 | 0.10                         |
| 03/10/00 14:15 | 0.10                         |
| 03/21/00 15:00 | 0.10                         |
| 03/21/00 15:15 | 0.10                         |
| 03/21/00 20:15 | 0.10                         |
| 03/23/00 12:00 | 0.10                         |
| 03/25/00 19:45 | 0.10                         |
| 03/26/00 02:00 | 0.10                         |
| 03/28/00 19:15 | 0.10                         |
| 03/28/00 19:30 | 0.40                         |
| 04/01/00 00:15 | 0.00                         |
| 04/01/00 13:45 | 0.10                         |
| 04/01/00 14:00 | 0.20                         |
| 04/01/00 14:15 | 0.10                         |
| 04/01/00 14:30 | 0.10                         |
| 04/02/00 02:15 | 0.10                         |
| 04/02/00 08:30 | 0.10                         |
| 04/03/00 06:45 | 0.00                         |
| 04/07/00 00:30 | 0.00                         |
| 04/11/00 02:45 | 0.10                         |
| 04/11/00 16:00 | 0.10                         |
| 04/11/00 16:30 | 0.40                         |
| 04/11/00 16:45 | 0.80                         |
| 04/11/00 17:00 | 0.10                         |
| 04/11/00 17:30 | 0.10                         |
| 04/11/00 18:00 | 0.10                         |
| 04/11/00 19:30 | 0.10                         |
| 04/11/00 23:30 | 0.10                         |
| 04/12/00 00:15 | 0.10                         |
| 04/12/00 03:30 | 0.10                         |
| 04/12/00 19:45 | 0.00                         |
| 04/13/00 19:15 | 0.00                         |
| 04/14/00 10:15 | 0.10                         |
| 04/15/00 23:00 | 0.50                         |
| 04/16/00 01:30 | 0.10                         |
| 04/23/00 10:15 | 0.10                         |
| 04/23/00 10:30 | 0.00                         |
| 04/23/00 11:15 | 0.00                         |
| 04/29/00 06:45 | 0.10                         |
| 04/30/00 04:15 | 0.10                         |
| 04/30/00 21:15 | 0.10                         |
| 04/30/00 21:30 | 0.10                         |
| 04/30/00 21:45 | 0.40                         |
| 04/30/00 22:00 | 0.40                         |
| 04/30/00 22:15 | 0.20                         |
| 04/30/00 22:30 | 0.10                         |
| 04/30/00 23:30 | 0.10                         |
| 06/01/00 00:15 | 0.00                         |
| 06/01/00 01:45 | 0.00                         |
| 07/01/00 00:15 | 0.00                         |
| 08/01/00 00:15 | 0.00                         |
| 08/11/00 09:00 | 0.00                         |
| 08/11/00 09:15 | 0.00                         |
| 08/11/00 11:00 | 0.00                         |
| 08/11/00 11:15 | 0.00                         |
| 08/15/00 08:30 | 0.00                         |
| 09/01/00 00:15 | 0.00                         |
| 09/04/00 09:45 | 0.00                         |
| 09/24/00 01:15 | 0.10                         |
| 09/24/00 07:15 | 0.10                         |
| 09/24/00 07:30 | 0.10                         |
| 09/24/00 07:45 | 0.10                         |
| 09/24/00 09:15 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 10/01/00 00:15 | 0.00                         |
| 10/01/00 14:45 | 0.00                         |
| 10/01/00 15:45 | 0.00                         |
| 10/01/00 16:30 | 0.00                         |
| 10/02/00 00:30 | 0.00                         |
| 10/02/00 07:00 | 0.00                         |
| 10/02/00 08:30 | 0.00                         |
| 11/01/00 00:15 | 0.00                         |
| 11/01/00 15:00 | 0.10                         |
| 11/01/00 16:00 | 0.10                         |
| 11/02/00 21:00 | 0.10                         |
| 11/02/00 23:00 | 0.10                         |
| 11/03/00 09:00 | 0.10                         |
| 11/03/00 10:00 | 0.20                         |
| 11/03/00 11:00 | 0.10                         |
| 11/03/00 12:00 | 0.10                         |
| 11/03/00 13:00 | 0.10                         |
| 11/03/00 14:00 | 0.10                         |
| 11/03/00 15:00 | 0.10                         |
| 11/03/00 21:00 | 0.10                         |
| 11/04/00 07:00 | 0.10                         |
| 11/05/00 18:00 | 1.20                         |
| 11/05/00 19:00 | 0.10                         |
| 11/05/00 20:00 | 0.20                         |
| 11/05/00 21:00 | 0.20                         |
| 11/05/00 22:00 | 0.30                         |
| 11/05/00 23:00 | 0.10                         |
| 11/06/00 02:00 | 0.10                         |
| 11/08/00 05:00 | 0.10                         |
| 11/08/00 09:00 | 0.20                         |
| 11/08/00 11:00 | 0.10                         |
| 11/08/00 12:00 | 0.10                         |
| 11/08/00 13:00 | 0.30                         |
| 11/09/00 06:00 | 0.10                         |
| 11/12/00 23:00 | 0.10                         |
| 11/13/00 01:00 | 0.10                         |
| 11/13/00 03:00 | 0.20                         |
| 11/13/00 05:00 | 0.10                         |
| 11/14/00 05:00 | 0.10                         |
| 11/23/00 20:00 | 0.10                         |
| 11/23/00 23:00 | 0.10                         |
| 11/24/00 16:00 | 0.20                         |
| 11/24/00 18:00 | 0.10                         |
| 11/25/00 01:00 | 0.10                         |
| 11/25/00 05:00 | 0.10                         |
| 11/25/00 08:00 | 0.10                         |
| 11/25/00 09:00 | 0.30                         |
| 11/25/00 10:00 | 0.30                         |
| 11/25/00 11:00 | 0.20                         |
| 02/01/01 00:15 | 0.00                         |
| 02/01/01 10:30 | 0.00                         |
| 02/01/01 10:45 | 0.00                         |
| 02/01/01 11:00 | 0.00                         |
| 02/07/01 00:30 | 0.00                         |
| 02/07/01 01:30 | 0.00                         |
| 02/08/01 05:45 | 0.10                         |
| 02/09/01 03:45 | 0.10                         |
| 02/09/01 06:00 | 0.10                         |
| 02/12/01 07:00 | 0.10                         |
| 02/13/01 09:45 | 0.20                         |
| 02/13/01 10:00 | 0.20                         |
| 02/13/01 11:30 | 0.20                         |
| 02/13/01 12:00 | 0.20                         |
| 02/13/01 12:30 | 0.20                         |
| 02/13/01 12:45 | 0.20                         |
| 02/13/01 13:30 | 0.20                         |
| 02/15/01 02:30 | 0.10                         |
| 02/15/01 12:15 | 0.10                         |
| 02/15/01 12:30 | 0.10                         |
| 02/15/01 13:15 | 0.10                         |
| 02/15/01 15:30 | 0.10                         |
| 02/15/01 15:45 | 0.10                         |
| 02/15/01 16:00 | 0.10                         |
| 02/15/01 16:15 | 0.10                         |
| 02/15/01 16:30 | 0.10                         |
| 02/15/01 16:45 | 0.10                         |
| 02/15/01 17:15 | 0.20                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 02/15/01 17:45 | 0.10                         |
| 02/15/01 18:00 | 0.10                         |
| 02/15/01 19:15 | 0.10                         |
| 02/15/01 19:30 | 0.20                         |
| 02/15/01 20:45 | 0.10                         |
| 02/16/01 01:45 | 0.10                         |
| 02/16/01 02:30 | 0.20                         |
| 02/16/01 02:45 | 0.20                         |
| 02/16/01 03:00 | 0.20                         |
| 02/16/01 03:30 | 0.10                         |
| 02/16/01 03:45 | 0.10                         |
| 02/16/01 04:15 | 0.10                         |
| 02/16/01 04:30 | 0.10                         |
| 02/16/01 04:45 | 0.10                         |
| 02/16/01 05:00 | 0.10                         |
| 02/16/01 05:30 | 0.10                         |
| 02/16/01 06:45 | 0.10                         |
| 02/16/01 13:30 | 0.10                         |
| 02/16/01 14:30 | 0.10                         |
| 02/20/01 12:30 | 0.00                         |
| 02/22/01 13:30 | 0.00                         |
| 02/22/01 17:30 | 0.00                         |
| 02/23/01 03:30 | 0.10                         |
| 02/23/01 17:30 | 0.10                         |
| 02/23/01 19:00 | 0.10                         |
| 02/24/01 13:45 | 0.10                         |
| 02/27/01 04:30 | 0.10                         |
| 02/27/01 09:45 | 0.10                         |
| 02/27/01 16:45 | 0.10                         |
| 02/27/01 17:15 | 0.10                         |
| 02/27/01 17:30 | 0.10                         |
| 02/27/01 18:00 | 0.10                         |
| 02/27/01 22:15 | 0.10                         |
| 02/28/01 13:45 | 0.10                         |
| 02/28/01 14:00 | 0.10                         |
| 02/28/01 14:15 | 0.20                         |
| 02/28/01 15:00 | 0.10                         |
| 02/28/01 15:45 | 0.10                         |
| 02/28/01 18:15 | 0.10                         |
| 02/28/01 20:30 | 0.10                         |
| 02/28/01 20:45 | 0.10                         |
| 02/28/01 21:45 | 0.20                         |
| 02/28/01 22:00 | 0.10                         |
| 03/01/01 00:15 | 0.00                         |
| 03/01/01 04:00 | 0.00                         |
| 03/01/01 04:15 | 0.00                         |
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| 03/01/01 07:45 | 0.00                         |
| 03/01/01 15:00 | 0.00                         |
| 03/01/01 15:15 | 0.00                         |
| 03/03/01 14:30 | 0.10                         |
| 03/08/01 22:15 | 0.10                         |
| 03/08/01 23:00 | 0.10                         |
| 03/08/01 23:45 | 0.10                         |
| 03/09/01 00:15 | 0.10                         |
| 03/09/01 00:30 | 0.10                         |
| 03/09/01 04:30 | 0.10                         |
| 03/11/01 18:30 | 0.10                         |
| 03/11/01 19:00 | 0.20                         |
| 03/11/01 19:15 | 0.10                         |
| 03/11/01 19:30 | 0.10                         |
| 03/11/01 19:45 | 0.30                         |
| 03/11/01 20:30 | 0.10                         |
| 03/11/01 21:15 | 0.10                         |
| 03/12/01 00:30 | 0.10                         |
| 03/12/01 00:45 | 0.10                         |
| 03/12/01 05:15 | 0.10                         |
| 03/12/01 05:30 | 0.10                         |
| 03/12/01 07:45 | 0.10                         |
| 03/12/01 08:15 | 0.10                         |
| 03/14/01 19:45 | 0.10                         |
| 03/14/01 21:00 | 0.10                         |
| 03/15/01 15:00 | 0.00                         |
| 03/15/01 16:15 | 0.00                         |
| 03/24/01 05:00 | 0.10                         |
| 03/24/01 05:45 | 0.10                         |
| 03/24/01 06:15 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 03/24/01 06:30 | 0.10                         |
| 03/24/01 06:45 | 0.10                         |
| 03/24/01 07:00 | 0.20                         |
| 03/24/01 07:15 | 0.10                         |
| 03/24/01 07:30 | 0.10                         |
| 03/24/01 07:45 | 0.10                         |
| 03/24/01 08:00 | 0.10                         |
| 03/24/01 08:45 | 0.10                         |
| 03/24/01 10:00 | 0.10                         |
| 03/24/01 10:45 | 0.10                         |
| 03/24/01 11:30 | 0.10                         |
| 03/27/01 05:15 | 0.10                         |
| 03/27/01 13:45 | 0.10                         |
| 03/27/01 14:30 | 0.10                         |
| 03/27/01 15:15 | 0.10                         |
| 03/27/01 16:30 | 0.10                         |
| 03/27/01 17:45 | 0.10                         |
| 03/27/01 19:00 | 0.10                         |
| 03/27/01 20:45 | 0.10                         |
| 03/28/01 00:30 | 0.10                         |
| 03/28/01 08:30 | 0.10                         |
| 04/01/01 00:15 | 0.00                         |
| 04/02/01 06:00 | 0.00                         |
| 04/02/01 12:15 | 0.00                         |
| 04/11/01 09:15 | 0.20                         |
| 04/11/01 09:30 | 0.20                         |
| 04/14/01 05:15 | 0.10                         |
| 04/17/01 14:45 | 0.10                         |
| 04/23/01 08:45 | 0.10                         |
| 05/01/01 00:15 | 0.00                         |
| 05/04/01 19:30 | 0.10                         |
| 05/04/01 21:15 | 0.10                         |
| 05/04/01 21:30 | 0.40                         |
| 05/04/01 23:45 | 0.10                         |
| 05/05/01 00:45 | 0.10                         |
| 05/05/01 01:00 | 0.30                         |
| 05/05/01 01:15 | 0.10                         |
| 05/05/01 02:15 | 0.10                         |
| 05/05/01 02:30 | 0.10                         |
| 05/05/01 03:00 | 0.10                         |
| 05/05/01 03:45 | 0.10                         |
| 05/06/01 01:30 | 0.10                         |
| 05/06/01 02:00 | 0.10                         |
| 05/06/01 02:15 | 0.20                         |
| 05/06/01 02:30 | 0.40                         |
| 05/06/01 02:45 | 0.60                         |
| 05/06/01 03:00 | 0.10                         |
| 05/06/01 04:00 | 0.30                         |
| 05/06/01 04:15 | 0.70                         |
| 05/06/01 04:30 | 0.30                         |
| 05/06/01 04:45 | 0.10                         |
| 05/06/01 20:30 | 0.10                         |
| 05/07/01 09:00 | 0.10                         |
| 05/07/01 09:15 | 0.10                         |
| 05/07/01 10:45 | 0.00                         |
| 05/11/01 22:30 | 0.10                         |
| 05/11/01 22:45 | 0.20                         |
| 05/11/01 23:00 | 0.30                         |
| 05/11/01 23:15 | 0.10                         |
| 05/11/01 23:45 | 0.10                         |
| 05/21/01 06:30 | 0.10                         |
| 05/21/01 06:45 | 0.10                         |
| 05/21/01 07:00 | 0.10                         |
| 05/28/01 02:00 | 0.50                         |
| 05/28/01 02:15 | 0.10                         |
| 05/28/01 02:30 | 0.10                         |
| 05/28/01 03:00 | 0.10                         |
| 05/28/01 04:45 | 0.10                         |
| 05/28/01 06:00 | 0.10                         |
| 05/28/01 06:15 | 0.20                         |
| 05/28/01 06:30 | 0.10                         |
| 05/28/01 06:45 | 0.10                         |
| 05/28/01 07:15 | 0.10                         |
| 06/01/01 00:15 | 0.00                         |
| 06/01/01 08:30 | 0.00                         |
| 06/01/01 09:15 | 0.00                         |
| 06/08/01 14:45 | 0.20                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 06/08/01 15:15 | 0.10                         |
| 06/12/01 09:00 | 0.00                         |
| 06/14/01 19:15 | 0.40                         |
| 06/14/01 19:30 | 0.20                         |
| 06/14/01 19:45 | 0.30                         |
| 06/14/01 20:00 | 0.10                         |
| 06/14/01 20:30 | 0.10                         |
| 06/21/01 17:15 | 0.20                         |
| 06/28/01 06:15 | 0.10                         |
| 06/28/01 07:30 | 0.10                         |
| 06/30/01 06:15 | 0.10                         |
| 06/30/01 07:15 | 0.10                         |
| 06/30/01 07:45 | 0.10                         |
| 06/30/01 08:00 | 0.30                         |
| 06/30/01 08:15 | 0.20                         |
| 06/30/01 09:00 | 0.10                         |
| 06/30/01 09:30 | 0.10                         |
| 06/30/01 09:45 | 0.10                         |
| 06/30/01 10:15 | 0.10                         |
| 06/30/01 10:45 | 0.10                         |
| 06/30/01 11:30 | 0.10                         |
| 07/01/01 00:15 | 0.00                         |
| 07/01/01 03:45 | 0.10                         |
| 07/01/01 04:00 | 0.20                         |
| 07/01/01 04:30 | 0.10                         |
| 07/02/01 07:45 | 0.00                         |
| 07/12/01 10:15 | 0.00                         |
| 07/12/01 10:30 | 0.00                         |
| 07/12/01 12:00 | 0.00                         |
| 07/12/01 12:15 | 0.00                         |
| 07/25/01 16:30 | 0.00                         |
| 07/25/01 18:00 | 0.00                         |
| 07/25/01 18:30 | 0.00                         |
| 08/01/01 00:15 | 0.00                         |
| 08/01/01 08:15 | 0.00                         |
| 08/10/01 16:45 | 0.10                         |
| 08/13/01 10:15 | 0.10                         |
| 08/17/01 07:15 | 0.10                         |
| 08/17/01 09:45 | 0.10                         |
| 08/17/01 10:30 | 0.10                         |
| 08/17/01 11:00 | 0.10                         |
| 08/17/01 12:00 | 0.10                         |
| 08/26/01 12:45 | 0.70                         |
| 08/26/01 14:00 | 0.10                         |
| 08/30/01 10:45 | 0.10                         |
| 08/30/01 12:15 | 0.10                         |
| 08/31/01 01:45 | 0.10                         |
| 08/31/01 02:00 | 0.10                         |
| 08/31/01 02:15 | 0.10                         |
| 08/31/01 04:00 | 0.10                         |
| 08/31/01 07:30 | 0.10                         |
| 08/31/01 07:45 | 0.20                         |
| 08/31/01 09:30 | 0.10                         |
| 10/01/01 00:15 | 0.00                         |
| 10/01/01 01:15 | 0.00                         |
| 10/03/01 07:45 | 0.00                         |
| 10/03/01 08:00 | 0.00                         |
| 10/03/01 08:15 | 0.00                         |
| 10/11/01 05:45 | 0.10                         |
| 10/11/01 06:15 | 0.10                         |
| 10/11/01 07:15 | 0.10                         |
| 10/11/01 08:00 | 0.10                         |
| 10/12/01 10:00 | 0.10                         |
| 10/12/01 20:15 | 0.10                         |
| 10/12/01 20:30 | 0.20                         |
| 10/12/01 21:15 | 0.10                         |
| 10/12/01 21:30 | 0.30                         |
| 10/12/01 21:45 | 0.10                         |
| 10/12/01 22:45 | 0.10                         |
| 10/13/01 01:30 | 0.10                         |
| 11/01/01 00:15 | 0.00                         |
| 11/01/01 07:45 | 0.00                         |
| 11/01/01 08:15 | 0.00                         |
| 11/03/01 09:00 | 0.10                         |
| 11/15/01 07:15 | 0.10                         |
| 11/17/01 04:45 | 0.10                         |
| 11/27/01 23:00 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 11/28/01 06:45 | 0.10                         |
| 11/28/01 07:00 | 0.10                         |
| 11/28/01 09:45 | 0.10                         |
| 11/28/01 11:15 | 0.10                         |
| 12/01/01 00:15 | 0.00                         |
| 12/03/01 08:15 | 0.00                         |
| 12/03/01 09:15 | 0.00                         |
| 12/06/01 01:15 | 0.10                         |
| 12/06/01 01:30 | 0.10                         |
| 12/08/01 02:15 | 0.00                         |
| 12/11/01 15:15 | 0.10                         |
| 12/11/01 19:00 | 0.10                         |
| 12/11/01 21:00 | 0.10                         |
| 12/12/01 08:45 | 0.00                         |
| 12/13/01 13:30 | 0.10                         |
| 12/13/01 15:00 | 0.10                         |
| 12/14/01 22:00 | 0.00                         |
| 12/15/01 15:00 | 0.10                         |
| 12/15/01 20:30 | 0.10                         |
| 12/15/01 21:00 | 0.10                         |
| 12/15/01 23:00 | 0.10                         |
| 12/15/01 23:30 | 0.10                         |
| 12/16/01 01:30 | 0.10                         |
| 12/16/01 01:45 | 0.30                         |
| 12/16/01 02:30 | 0.10                         |
| 12/16/01 03:15 | 0.10                         |
| 12/16/01 03:30 | 0.10                         |
| 12/16/01 04:00 | 0.10                         |
| 12/16/01 04:45 | 0.10                         |
| 12/16/01 05:30 | 0.10                         |
| 12/16/01 06:15 | 0.10                         |
| 12/16/01 09:30 | 0.10                         |
| 12/16/01 14:00 | 0.10                         |
| 12/16/01 14:15 | 0.10                         |
| 12/16/01 15:30 | 0.10                         |
| 12/16/01 21:45 | 0.10                         |
| 12/17/01 03:15 | 0.10                         |
| 12/20/01 15:00 | 0.00                         |
| 12/20/01 15:15 | 0.00                         |
| 12/20/01 15:30 | 0.00                         |
| 12/21/01 14:00 | 0.00                         |
| 12/22/01 16:00 | 0.00                         |
| 12/22/01 16:30 | 0.00                         |
| 12/29/01 07:45 | 0.00                         |
| 12/31/01 10:00 | 0.00                         |
| 02/01/02 00:15 | 0.00                         |
| 02/01/02 09:00 | 0.00                         |
| 02/01/02 09:15 | 0.00                         |
| 02/01/02 09:30 | 0.00                         |
| 02/03/02 13:00 | 0.10                         |
| 02/05/02 03:15 | 0.10                         |
| 02/05/02 05:15 | 0.10                         |
| 02/05/02 06:45 | 0.10                         |
| 02/05/02 07:45 | 0.10                         |
| 02/05/02 09:30 | 0.10                         |
| 02/05/02 10:45 | 0.10                         |
| 02/05/02 12:15 | 0.10                         |
| 02/05/02 14:15 | 0.10                         |
| 02/05/02 16:00 | 0.10                         |
| 02/05/02 18:30 | 0.10                         |
| 02/06/02 02:45 | 0.10                         |
| 03/01/02 00:15 | 0.00                         |
| 03/01/02 09:15 | 0.00                         |
| 03/01/02 09:30 | 0.00                         |
| 05/01/02 00:15 | 0.00                         |
| 05/01/02 07:00 | 0.00                         |
| 05/01/02 08:15 | 0.00                         |
| 05/02/02 05:45 | 0.10                         |
| 05/03/02 04:45 | 0.10                         |
| 05/03/02 05:00 | 0.10                         |
| 05/03/02 06:15 | 0.10                         |
| 05/03/02 06:30 | 0.10                         |
| 05/03/02 07:45 | 0.10                         |
| 05/03/02 08:45 | 0.10                         |
| 05/05/02 05:15 | 0.10                         |
| 05/05/02 05:30 | 0.10                         |
| 05/05/02 06:15 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 05/05/02 07:30 | 0.10                         |
| 05/05/02 08:15 | 0.10                         |
| 05/09/02 23:45 | 0.10                         |
| 05/10/02 00:15 | 0.10                         |
| 05/10/02 02:30 | 0.10                         |
| 05/10/02 06:00 | 0.20                         |
| 05/10/02 06:15 | 0.10                         |
| 05/12/02 23:00 | 0.20                         |
| 05/17/02 00:15 | 0.10                         |
| 05/17/02 08:00 | 0.20                         |
| 05/17/02 08:15 | 0.20                         |
| 05/17/02 08:30 | 0.10                         |
| 05/17/02 08:45 | 0.10                         |
| 05/26/02 02:45 | 0.10                         |
| 05/27/02 14:15 | 0.10                         |
| 05/27/02 17:00 | 0.10                         |
| 05/27/02 18:15 | 0.10                         |
| 05/28/02 20:45 | 0.10                         |
| 07/01/02 00:15 | 0.00                         |
| 07/01/02 06:45 | 0.00                         |
| 07/01/02 07:00 | 0.00                         |
| 07/01/02 09:00 | 0.00                         |
| 07/01/02 09:15 | 0.00                         |
| 08/01/02 00:15 | 0.00                         |
| 08/03/02 13:00 | 0.00                         |
| 08/03/02 13:45 | 0.00                         |
| 08/03/02 16:30 | 0.00                         |
| 08/16/02 08:45 | 0.10                         |
| 08/27/02 06:45 | 0.10                         |
| 08/27/02 07:15 | 0.10                         |
| 09/01/02 00:15 | 0.00                         |
| 09/02/02 08:30 | 0.00                         |
| 09/02/02 10:30 | 0.00                         |
| 09/02/02 12:45 | 0.00                         |
| 09/07/02 20:00 | 0.10                         |
| 09/08/02 03:15 | 0.10                         |
| 09/08/02 09:00 | 0.10                         |
| 09/08/02 15:45 | 0.10                         |
| 09/08/02 16:15 | 0.10                         |
| 09/08/02 16:30 | 0.10                         |
| 09/19/02 06:45 | 0.10                         |
| 09/19/02 07:15 | 0.10                         |
| 09/19/02 08:00 | 0.10                         |
| 09/19/02 10:30 | 0.10                         |
| 12/01/02 00:15 | 0.00                         |
| 01/01/03 00:15 | 0.00                         |
| 02/01/03 00:15 | 0.00                         |
| 02/01/03 08:00 | 0.00                         |
| 02/01/03 08:15 | 0.00                         |
| 02/01/03 08:30 | 0.00                         |
| 02/01/03 13:45 | 0.00                         |
| 02/01/03 14:00 | 0.00                         |
| 02/01/03 14:15 | 0.00                         |
| 02/02/03 00:15 | 0.00                         |
| 02/10/03 12:00 | 0.00                         |
| 02/10/03 12:15 | 0.00                         |
| 02/13/03 17:45 | 0.00                         |
| 02/14/03 06:45 | 0.00                         |
| 02/14/03 07:00 | 0.00                         |
| 02/15/03 06:00 | 0.40                         |
| 02/20/03 12:15 | 0.20                         |
| 02/21/03 07:45 | 0.40                         |
| 02/21/03 08:45 | 0.40                         |
| 02/21/03 15:30 | 0.20                         |
| 02/21/03 21:15 | 0.00                         |
| 02/24/03 18:15 | 0.40                         |
| 02/24/03 19:30 | 0.20                         |
| 02/24/03 23:30 | 0.00                         |
| 04/01/03 00:15 | 0.00                         |
| 05/01/03 00:15 | 0.00                         |
| 06/01/03 00:15 | 0.00                         |
| 06/05/03 07:30 | 0.00                         |
| 06/05/03 08:45 | 0.10                         |
| 06/05/03 11:30 | 0.10                         |
| 06/05/03 12:30 | 0.10                         |
| 06/06/03 08:45 | 0.10                         |
| 06/06/03 21:45 | 0.00                         |



| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 06/07/03 19:45 | 0.00                         |
| 06/08/03 01:45 | 0.00                         |
| 06/08/03 02:30 | 0.00                         |
| 06/08/03 06:45 | 0.10                         |
| 06/08/03 07:00 | 0.10                         |
| 06/08/03 17:15 | 0.10                         |
| 06/11/03 03:15 | 0.10                         |
| 06/11/03 23:00 | 0.30                         |
| 06/11/03 23:30 | 0.10                         |
| 06/12/03 10:30 | 0.10                         |
| 06/12/03 15:00 | 0.80                         |
| 06/12/03 15:15 | 0.10                         |
| 06/12/03 15:30 | 0.10                         |
| 06/12/03 15:45 | 0.50                         |
| 06/12/03 16:30 | 0.10                         |
| 06/13/03 04:30 | 0.20                         |
| 06/13/03 04:45 | 0.30                         |
| 06/13/03 05:00 | 0.30                         |
| 06/13/03 05:15 | 0.10                         |
| 06/13/03 08:45 | 0.10                         |
| 06/17/03 14:15 | 0.10                         |
| 06/18/03 10:30 | 0.00                         |
| 06/26/03 03:45 | 0.10                         |
| 06/29/03 17:00 | 0.00                         |
| 06/29/03 21:45 | 0.00                         |
| 06/30/03 21:30 | 0.00                         |
| 07/01/03 00:15 | 0.00                         |
| 07/01/03 08:45 | 0.00                         |
| 07/01/03 09:00 | 0.00                         |
| 08/01/03 00:15 | 0.00                         |
| 08/01/03 10:30 | 0.00                         |
| 08/01/03 10:45 | 0.00                         |
| 08/01/03 11:00 | 0.00                         |
| 08/09/03 11:00 | 0.10                         |
| 08/09/03 12:15 | 0.10                         |
| 08/11/03 18:15 | 0.20                         |
| 08/11/03 18:30 | 0.10                         |
| 08/11/03 22:15 | 0.10                         |
| 08/12/03 20:15 | 0.10                         |
| 08/13/03 01:30 | 0.10                         |
| 08/13/03 15:15 | 0.10                         |
| 08/13/03 16:00 | 0.10                         |
| 08/14/03 16:15 | 0.10                         |
| 08/26/03 15:15 | 0.10                         |
| 08/26/03 15:45 | 0.10                         |
| 08/27/03 11:30 | 0.10                         |
| 08/31/03 09:15 | 0.00                         |
| 09/01/03 00:15 | 0.00                         |
| 09/01/03 01:15 | 0.10                         |
| 09/01/03 03:00 | 0.10                         |
| 09/01/03 03:30 | 0.10                         |
| 09/01/03 03:45 | 0.10                         |
| 09/01/03 04:00 | 0.10                         |
| 09/01/03 04:30 | 0.10                         |
| 09/01/03 05:30 | 0.10                         |
| 09/01/03 06:00 | 0.10                         |
| 09/01/03 06:30 | 0.10                         |
| 09/01/03 07:00 | 0.10                         |
| 09/01/03 08:15 | 0.10                         |
| 09/01/03 12:15 | 0.10                         |
| 09/01/03 13:15 | 0.10                         |
| 09/02/03 09:15 | 0.00                         |
| 09/03/03 12:00 | 0.10                         |
| 09/04/03 16:15 | 0.10                         |
| 09/04/03 16:30 | 0.10                         |
| 09/11/03 07:30 | 0.00                         |
| 09/11/03 10:45 | 0.10                         |
| 09/11/03 11:00 | 0.10                         |
| 09/11/03 11:15 | 0.30                         |
| 09/11/03 11:30 | 0.40                         |
| 09/11/03 11:45 | 0.20                         |
| 09/11/03 12:00 | 0.10                         |
| 09/11/03 12:45 | 0.20                         |
| 09/11/03 13:00 | 0.60                         |
| 09/11/03 13:15 | 0.20                         |
| 09/11/03 14:00 | 0.10                         |
| 09/11/03 15:15 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 09/11/03 15:30 | 0.10                         |
| 09/11/03 16:00 | 0.10                         |
| 09/11/03 17:30 | 0.10                         |
| 09/11/03 18:15 | 0.10                         |
| 09/11/03 19:30 | 0.10                         |
| 09/12/03 09:45 | 0.10                         |
| 09/13/03 09:00 | 0.10                         |
| 09/13/03 10:00 | 0.00                         |
| 09/13/03 10:15 | 0.00                         |
| 09/15/03 15:15 | 0.10                         |
| 09/18/03 14:45 | 0.10                         |
| 09/18/03 15:00 | 0.50                         |
| 09/18/03 15:15 | 0.10                         |
| 09/18/03 15:30 | 0.10                         |
| 10/01/03 00:15 | 0.00                         |
| 10/05/03 09:30 | 0.10                         |
| 10/06/03 11:30 | 0.00                         |
| 10/06/03 11:45 | 0.20                         |
| 10/06/03 12:00 | 1.00                         |
| 10/06/03 12:45 | 0.00                         |
| 10/07/03 10:00 | 0.00                         |
| 10/09/03 00:30 | 0.10                         |
| 10/09/03 03:00 | 0.10                         |
| 10/09/03 04:15 | 0.10                         |
| 10/30/03 13:15 | 0.00                         |
| 10/31/03 01:30 | 0.00                         |
| 10/31/03 14:30 | 0.00                         |
| 11/01/03 00:15 | 0.00                         |
| 11/05/03 14:30 | 0.10                         |
| 11/05/03 15:00 | 0.10                         |
| 11/05/03 15:30 | 0.20                         |
| 11/05/03 17:30 | 0.10                         |
| 11/05/03 18:30 | 0.10                         |
| 11/07/03 06:45 | 0.10                         |
| 11/07/03 07:15 | 0.10                         |
| 11/07/03 07:30 | 0.10                         |
| 11/07/03 07:45 | 0.10                         |
| 11/07/03 08:30 | 0.10                         |
| 11/07/03 08:45 | 0.10                         |
| 11/07/03 09:15 | 0.10                         |
| 11/07/03 09:30 | 0.10                         |
| 11/07/03 10:00 | 0.10                         |
| 11/07/03 11:30 | 0.10                         |
| 11/08/03 15:15 | 0.10                         |
| 11/08/03 15:45 | 0.10                         |
| 11/08/03 18:30 | 0.10                         |
| 11/08/03 20:15 | 0.10                         |
| 11/08/03 22:30 | 0.10                         |
| 11/09/03 00:45 | 0.10                         |
| 11/11/03 12:15 | 0.10                         |
| 11/14/03 09:45 | 0.00                         |
| 11/17/03 14:30 | 0.30                         |
| 11/17/03 15:30 | 0.10                         |
| 11/17/03 16:15 | 0.10                         |
| 11/17/03 16:45 | 0.10                         |
| 11/22/03 09:45 | 0.10                         |
| 11/23/03 05:15 | 0.10                         |
| 11/26/03 11:00 | 0.10                         |
| 11/27/03 04:15 | 0.00                         |
| 12/01/03 00:15 | 0.00                         |
| 12/01/03 08:45 | 0.00                         |
| 12/07/03 12:45 | 0.00                         |
| 12/09/03 13:45 | 0.00                         |
| 12/09/03 15:30 | 0.00                         |
| 12/12/03 15:00 | 0.10                         |
| 12/12/03 15:15 | 0.10                         |
| 12/12/03 16:00 | 0.10                         |
| 12/12/03 16:15 | 0.10                         |
| 12/12/03 16:45 | 0.10                         |
| 12/12/03 17:15 | 0.10                         |
| 12/13/03 03:45 | 0.10                         |
| 12/14/03 05:45 | 0.00                         |
| 12/14/03 10:45 | 0.10                         |
| 12/28/03 01:15 | 0.10                         |
| 01/01/04 00:15 | 0.00                         |
| 01/02/04 11:30 | 0.00                         |
| 01/02/04 12:15 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 01/15/04 23:30 | 0.10                         |
| 01/16/04 04:00 | 0.10                         |
| 01/16/04 07:45 | 0.10                         |
| 01/16/04 12:30 | 0.00                         |
| 01/16/04 13:45 | 0.10                         |
| 01/16/04 15:15 | 0.10                         |
| 01/16/04 15:45 | 0.10                         |
| 01/16/04 16:15 | 0.10                         |
| 01/16/04 16:30 | 0.10                         |
| 01/16/04 18:15 | 0.00                         |
| 01/16/04 18:45 | 0.00                         |
| 01/16/04 19:00 | 0.00                         |
| 01/16/04 19:45 | 0.40                         |
| 01/16/04 20:30 | 0.30                         |
| 01/16/04 20:45 | 0.10                         |
| 01/16/04 21:00 | 0.10                         |
| 01/16/04 21:15 | 0.10                         |
| 01/16/04 22:00 | 0.10                         |
| 01/16/04 22:45 | 0.10                         |
| 01/16/04 23:00 | 0.10                         |
| 01/16/04 23:15 | 0.10                         |
| 01/16/04 23:45 | 0.10                         |
| 01/17/04 00:30 | 0.10                         |
| 01/17/04 01:00 | 0.10                         |
| 01/24/04 14:00 | 0.10                         |
| 02/01/04 00:15 | 0.00                         |
| 02/01/04 20:30 | 0.20                         |
| 02/01/04 21:00 | 0.10                         |
| 02/01/04 21:30 | 0.10                         |
| 02/02/04 10:45 | 0.00                         |
| 02/02/04 12:00 | 0.00                         |
| 02/04/04 11:00 | 0.10                         |
| 02/04/04 12:45 | 0.10                         |
| 02/04/04 14:30 | 0.10                         |
| 02/04/04 15:45 | 0.10                         |
| 02/04/04 18:45 | 0.10                         |
| 02/04/04 19:15 | 0.10                         |
| 02/04/04 19:30 | 0.10                         |
| 02/04/04 20:15 | 0.10                         |
| 02/05/04 02:00 | 0.00                         |
| 02/11/04 04:15 | 0.10                         |
| 02/11/04 06:15 | 0.10                         |
| 02/11/04 06:45 | 0.10                         |
| 02/11/04 08:00 | 0.10                         |
| 02/11/04 09:00 | 0.10                         |
| 02/11/04 11:15 | 0.10                         |
| 02/11/04 18:15 | 0.10                         |
| 02/11/04 20:15 | 0.10                         |
| 02/14/04 07:00 | 0.10                         |
| 02/14/04 11:30 | 0.10                         |
| 02/16/04 13:00 | 0.00                         |
| 02/23/04 13:45 | 0.20                         |
| 02/23/04 14:00 | 0.10                         |
| 02/23/04 18:15 | 0.10                         |
| 02/23/04 19:15 | 0.10                         |
| 02/23/04 19:30 | 0.10                         |
| 02/24/04 18:15 | 0.10                         |
| 02/24/04 19:45 | 0.10                         |
| 02/24/04 21:30 | 0.10                         |
| 02/24/04 22:45 | 0.10                         |
| 02/25/04 01:15 | 0.10                         |
| 02/25/04 03:00 | 0.10                         |
| 02/25/04 05:00 | 0.10                         |
| 02/25/04 07:45 | 0.10                         |
| 02/29/04 09:00 | 0.40                         |
| 02/29/04 09:30 | 0.10                         |
| 02/29/04 10:45 | 0.10                         |
| 03/01/04 00:15 | 0.00                         |
| 03/01/04 11:30 | 0.10                         |
| 03/01/04 13:45 | 0.00                         |
| 03/01/04 14:00 | 0.00                         |
| 04/01/04 00:15 | 0.00                         |
| 04/02/04 10:00 | 0.00                         |
| 04/02/04 10:15 | 0.00                         |
| 04/02/04 10:30 | 0.00                         |
| 04/06/04 07:00 | 0.10                         |
| 04/06/04 12:00 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 04/06/04 20:45 | 0.60                         |
| 04/06/04 21:00 | 0.20                         |
| 04/06/04 21:15 | 0.20                         |
| 04/07/04 15:00 | 0.10                         |
| 04/09/04 22:45 | 0.10                         |
| 04/11/04 15:30 | 0.10                         |
| 04/11/04 16:15 | 0.10                         |
| 04/11/04 18:45 | 0.10                         |
| 04/23/04 23:00 | 0.20                         |
| 04/23/04 23:30 | 0.10                         |
| 04/24/04 00:15 | 0.20                         |
| 04/24/04 00:30 | 0.40                         |
| 04/24/04 00:45 | 0.20                         |
| 04/24/04 01:00 | 0.10                         |
| 04/24/04 01:30 | 0.10                         |
| 04/24/04 01:45 | 0.10                         |
| 04/24/04 02:15 | 0.10                         |
| 04/24/04 03:30 | 0.10                         |
| 04/24/04 04:00 | 0.10                         |
| 04/24/04 04:30 | 0.10                         |
| 04/24/04 05:15 | 0.10                         |
| 04/24/04 05:30 | 0.10                         |
| 04/24/04 06:00 | 0.10                         |
| 04/24/04 06:30 | 0.10                         |
| 04/25/04 00:45 | 0.10                         |
| 04/25/04 03:15 | 0.10                         |
| 04/30/04 21:15 | 0.10                         |
| 05/01/04 00:15 | 0.00                         |
| 05/01/04 02:15 | 0.10                         |
| 05/01/04 03:30 | 0.10                         |
| 05/01/04 04:00 | 0.10                         |
| 05/01/04 07:00 | 0.10                         |
| 05/01/04 17:30 | 0.10                         |
| 05/02/04 06:45 | 0.00                         |
| 05/02/04 11:00 | 0.10                         |
| 05/03/04 07:30 | 0.00                         |
| 05/03/04 07:45 | 0.00                         |
| 05/03/04 08:45 | 0.00                         |
| 05/03/04 10:15 | 0.00                         |
| 05/11/04 16:45 | 0.30                         |
| 05/12/04 14:45 | 0.00                         |
| 05/13/04 19:45 | 0.10                         |
| 05/13/04 21:15 | 0.10                         |
| 05/15/04 07:00 | 0.00                         |
| 05/26/04 11:00 | 0.10                         |
| 05/27/04 11:15 | 0.00                         |
| 05/27/04 20:00 | 0.10                         |
| 05/27/04 20:15 | 0.50                         |
| 05/27/04 20:30 | 0.10                         |
| 05/27/04 20:45 | 0.20                         |
| 05/27/04 21:00 | 0.10                         |
| 06/01/04 00:15 | 0.00                         |
| 06/01/04 07:30 | 0.00                         |
| 06/01/04 09:30 | 0.00                         |
| 06/01/04 21:15 | 0.30                         |
| 06/01/04 21:30 | 0.10                         |
| 06/01/04 21:45 | 0.10                         |
| 06/02/04 21:15 | 0.40                         |
| 06/02/04 21:30 | 0.10                         |
| 06/02/04 23:15 | 0.30                         |
| 06/02/04 23:30 | 0.10                         |
| 06/02/04 23:45 | 0.10                         |
| 06/03/04 00:30 | 0.10                         |
| 06/03/04 00:45 | 0.10                         |
| 06/03/04 01:15 | 0.10                         |
| 06/03/04 02:15 | 0.10                         |
| 06/03/04 03:15 | 0.10                         |
| 06/06/04 22:15 | 0.60                         |
| 06/06/04 22:30 | 0.50                         |
| 06/06/04 22:45 | 0.10                         |
| 06/06/04 23:00 | 0.20                         |
| 06/06/04 23:15 | 0.20                         |
| 06/06/04 23:30 | 0.10                         |
| 06/07/04 01:00 | 0.10                         |
| 06/07/04 02:00 | 0.10                         |
| 06/07/04 02:45 | 0.10                         |
| 06/07/04 13:00 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 06/08/04 08:45 | 0.10                         |
| 06/08/04 09:00 | 0.10                         |
| 06/08/04 09:30 | 0.10                         |
| 06/08/04 10:00 | 0.10                         |
| 06/08/04 10:30 | 0.10                         |
| 06/08/04 11:45 | 0.10                         |
| 06/08/04 16:15 | 0.10                         |
| 06/09/04 01:45 | 0.10                         |
| 06/09/04 02:00 | 0.00                         |
| 06/09/04 02:45 | 0.10                         |
| 06/09/04 03:00 | 0.10                         |
| 06/09/04 03:15 | 0.10                         |
| 06/09/04 03:45 | 0.10                         |
| 06/09/04 04:00 | 0.10                         |
| 06/09/04 04:15 | 0.10                         |
| 06/09/04 04:45 | 0.10                         |
| 06/09/04 08:00 | 0.10                         |
| 06/09/04 16:00 | 0.60                         |
| 06/09/04 17:45 | 0.10                         |
| 06/09/04 18:45 | 0.10                         |
| 06/09/04 19:45 | 0.10                         |
| 06/10/04 05:00 | 0.10                         |
| 06/10/04 05:30 | 0.10                         |
| 06/10/04 07:00 | 0.10                         |
| 06/11/04 14:15 | 0.00                         |
| 06/12/04 02:30 | 0.10                         |
| 06/12/04 02:45 | 0.10                         |
| 06/14/04 01:15 | 0.00                         |
| 06/19/04 14:00 | 0.10                         |
| 06/19/04 14:15 | 0.20                         |
| 06/19/04 14:30 | 0.10                         |
| 06/19/04 14:45 | 0.10                         |
| 06/24/04 23:45 | 0.10                         |
| 06/26/04 14:15 | 0.10                         |
| 06/26/04 15:30 | 0.10                         |
| 06/27/04 12:30 | 0.10                         |
| 06/27/04 14:30 | 0.10                         |
| 06/29/04 10:45 | 0.20                         |
| 06/29/04 11:15 | 0.10                         |
| 06/29/04 14:15 | 0.10                         |
| 06/29/04 14:30 | 0.10                         |
| 06/29/04 22:15 | 0.10                         |
| 06/30/04 07:00 | 0.10                         |
| 06/30/04 07:15 | 0.10                         |
| 07/01/04 00:15 | 0.00                         |
| 07/01/04 09:15 | 0.00                         |
| 07/03/04 05:30 | 0.10                         |
| 07/06/04 10:30 | 0.10                         |
| 07/06/04 10:45 | 0.20                         |
| 07/06/04 12:15 | 0.10                         |
| 07/28/04 17:00 | 0.30                         |
| 07/28/04 17:15 | 1.00                         |
| 07/28/04 17:30 | 0.60                         |
| 07/28/04 17:45 | 0.20                         |
| 07/28/04 18:00 | 0.10                         |
| 07/28/04 18:15 | 0.10                         |
| 07/28/04 18:30 | 0.10                         |
| 07/28/04 18:45 | 0.10                         |
| 07/28/04 19:00 | 0.10                         |
| 07/28/04 19:45 | 0.10                         |
| 07/28/04 20:15 | 0.10                         |
| 07/28/04 20:30 | 0.20                         |
| 07/28/04 22:00 | 0.10                         |
| 07/28/04 22:30 | 0.20                         |
| 07/28/04 22:45 | 0.20                         |
| 07/28/04 23:15 | 0.10                         |
| 07/29/04 04:00 | 0.10                         |
| 07/29/04 04:15 | 0.30                         |
| 07/29/04 04:30 | 0.70                         |
| 07/29/04 06:00 | 0.40                         |
| 07/29/04 06:30 | 0.10                         |
| 07/29/04 06:45 | 0.20                         |
| 07/29/04 07:00 | 0.10                         |
| 07/29/04 20:30 | 0.10                         |
| 07/29/04 20:45 | 0.20                         |
| 08/01/04 00:15 | 0.00                         |
| 08/19/04 05:00 | 0.20                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 08/19/04 05:15 | 0.30                         |
| 08/19/04 06:15 | 0.10                         |
| 08/19/04 06:30 | 0.40                         |
| 08/19/04 06:45 | 0.20                         |
| 08/19/04 07:00 | 0.40                         |
| 08/19/04 07:15 | 0.30                         |
| 08/19/04 07:30 | 0.10                         |
| 08/19/04 07:45 | 0.10                         |
| 08/19/04 08:00 | 0.10                         |
| 08/19/04 08:30 | 0.10                         |
| 08/19/04 08:45 | 0.10                         |
| 08/19/04 09:30 | 0.10                         |
| 08/19/04 10:00 | 0.10                         |
| 08/19/04 10:15 | 0.10                         |
| 08/19/04 11:15 | 0.10                         |
| 08/19/04 12:00 | 0.10                         |
| 08/19/04 13:00 | 0.10                         |
| 08/19/04 13:45 | 0.10                         |
| 08/19/04 14:30 | 0.10                         |
| 08/28/04 06:00 | 0.20                         |
| 08/28/04 06:15 | 0.30                         |
| 08/28/04 07:00 | 0.10                         |
| 08/28/04 07:15 | 0.10                         |
| 08/28/04 07:30 | 0.10                         |
| 08/28/04 07:45 | 0.10                         |
| 08/28/04 08:00 | 0.20                         |
| 08/28/04 09:15 | 0.10                         |
| 09/01/04 00:15 | 0.00                         |
| 09/06/04 03:45 | 0.10                         |
| 09/06/04 04:00 | 0.20                         |
| 09/06/04 04:15 | 0.60                         |
| 09/06/04 04:30 | 0.40                         |
| 09/06/04 04:45 | 0.10                         |
| 09/06/04 05:15 | 0.10                         |
| 09/06/04 08:00 | 0.10                         |
| 09/07/04 08:00 | 0.00                         |
| 09/07/04 09:15 | 0.00                         |
| 09/14/04 19:15 | 0.10                         |
| 09/14/04 19:45 | 0.10                         |
| 09/14/04 20:00 | 0.10                         |
| 09/14/04 20:30 | 0.10                         |
| 09/14/04 21:00 | 0.20                         |
| 10/01/04 00:15 | 0.00                         |
| 10/01/04 08:00 | 0.00                         |
| 10/01/04 08:15 | 0.00                         |
| 10/01/04 11:30 | 0.00                         |
| 10/01/04 11:45 | 0.00                         |
| 10/04/04 05:00 | 0.10                         |
| 10/04/04 05:15 | 0.10                         |
| 10/04/04 05:30 | 0.10                         |
| 10/04/04 05:45 | 0.40                         |
| 10/04/04 06:00 | 0.30                         |
| 10/04/04 06:15 | 0.20                         |
| 10/04/04 06:30 | 0.30                         |
| 10/04/04 06:45 | 0.10                         |
| 10/06/04 08:00 | 0.00                         |
| 10/11/04 08:00 | 0.00                         |
| 10/12/04 10:00 | 0.00                         |
| 10/22/04 15:00 | 0.10                         |
| 10/22/04 15:30 | 0.10                         |
| 10/23/04 06:15 | 0.10                         |
| 10/25/04 14:30 | 0.10                         |
| 10/29/04 21:15 | 0.10                         |
| 10/31/04 21:00 | 0.20                         |
| 10/31/04 21:15 | 0.20                         |
| 10/31/04 21:30 | 0.40                         |
| 10/31/04 21:45 | 0.10                         |
| 10/31/04 22:00 | 0.30                         |
| 10/31/04 22:15 | 0.10                         |
| 10/31/04 22:30 | 0.10                         |
| 10/31/04 23:00 | 0.10                         |
| 10/31/04 23:15 | 0.10                         |
| 10/31/04 23:30 | 0.20                         |
| 11/01/04 00:15 | 0.00                         |
| 11/01/04 00:45 | 0.10                         |
| 11/01/04 01:15 | 0.10                         |
| 11/01/04 01:45 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 11/01/04 02:45 | 0.10                         |
| 11/01/04 04:00 | 0.10                         |
| 11/01/04 10:45 | 0.00                         |
| 11/01/04 11:00 | 0.00                         |
| 11/01/04 11:30 | 0.00                         |
| 11/01/04 12:15 | 0.00                         |
| 11/02/04 08:15 | 0.00                         |
| 11/02/04 21:00 | 0.10                         |
| 11/02/04 21:30 | 0.10                         |
| 11/03/04 00:30 | 0.10                         |
| 11/03/04 02:00 | 0.10                         |
| 11/04/04 06:00 | 0.00                         |
| 11/10/04 21:30 | 0.00                         |
| 11/12/04 05:15 | 0.00                         |
| 11/16/04 15:15 | 0.10                         |
| 11/17/04 05:45 | 0.10                         |
| 11/17/04 06:30 | 0.10                         |
| 11/17/04 08:15 | 0.10                         |
| 11/17/04 09:15 | 0.10                         |
| 11/17/04 10:00 | 0.10                         |
| 11/17/04 10:30 | 0.10                         |
| 11/17/04 11:15 | 0.20                         |
| 11/17/04 11:30 | 0.10                         |
| 11/17/04 11:45 | 0.10                         |
| 11/17/04 12:30 | 0.10                         |
| 11/17/04 13:00 | 0.10                         |
| 11/17/04 13:30 | 0.20                         |
| 11/17/04 13:45 | 0.10                         |
| 11/17/04 14:00 | 0.10                         |
| 11/17/04 14:45 | 0.10                         |
| 11/17/04 15:45 | 0.10                         |
| 11/19/04 14:45 | 0.00                         |
| 11/20/04 19:00 | 0.10                         |
| 11/20/04 20:00 | 0.10                         |
| 11/21/04 23:00 | 0.10                         |
| 11/22/04 03:15 | 0.10                         |
| 11/22/04 04:45 | 0.10                         |
| 11/22/04 09:15 | 0.10                         |
| 11/22/04 09:45 | 0.50                         |
| 11/22/04 10:00 | 0.30                         |
| 11/22/04 10:15 | 0.10                         |
| 11/22/04 10:30 | 0.10                         |
| 11/22/04 11:00 | 0.10                         |
| 11/22/04 13:45 | 0.10                         |
| 11/23/04 11:00 | 0.10                         |
| 11/23/04 11:15 | 0.10                         |
| 11/23/04 11:30 | 0.20                         |
| 11/24/04 01:00 | 0.10                         |
| 11/27/04 07:30 | 0.00                         |
| 11/29/04 08:15 | 0.10                         |
| 11/30/04 01:45 | 0.10                         |
| 11/30/04 03:45 | 0.10                         |
| 12/01/04 00:15 | 0.00                         |
| 12/02/04 09:15 | 0.00                         |
| 12/06/04 12:00 | 0.10                         |
| 12/06/04 17:30 | 0.20                         |
| 12/06/04 17:45 | 0.10                         |
| 12/20/04 13:15 | 0.10                         |
| 12/20/04 13:45 | 0.00                         |
| 12/22/04 08:30 | 0.10                         |
| 12/22/04 09:45 | 0.10                         |
| 12/30/04 05:45 | 0.00                         |
| 01/01/05 00:15 | 0.00                         |
| 01/02/05 08:30 | 0.20                         |
| 01/02/05 09:30 | 0.10                         |
| 01/02/05 10:15 | 0.10                         |
| 01/02/05 13:45 | 0.10                         |
| 01/02/05 19:30 | 0.10                         |
| 01/02/05 20:00 | 0.10                         |
| 01/02/05 20:15 | 0.10                         |
| 01/02/05 20:30 | 0.10                         |
| 01/02/05 20:45 | 0.10                         |
| 01/03/05 06:00 | 0.10                         |
| 01/03/05 07:45 | 0.10                         |
| 01/03/05 08:00 | 0.10                         |
| 01/03/05 08:45 | 0.20                         |
| 01/03/05 09:45 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 01/03/05 11:15 | 0.00                         |
| 01/03/05 18:15 | 0.10                         |
| 01/03/05 20:15 | 0.10                         |
| 01/03/05 21:00 | 0.10                         |
| 01/05/05 05:00 | 0.10                         |
| 01/05/05 12:00 | 0.10                         |
| 01/05/05 13:15 | 0.10                         |
| 01/27/05 14:45 | 0.10                         |
| 01/27/05 15:45 | 0.10                         |
| 01/27/05 16:45 | 0.10                         |
| 01/27/05 18:15 | 0.10                         |
| 01/28/05 03:00 | 0.10                         |
| 01/28/05 07:00 | 0.10                         |
| 01/30/05 11:00 | 0.00                         |
| 01/30/05 15:45 | 0.10                         |
| 01/30/05 16:15 | 0.10                         |
| 01/30/05 16:30 | 0.10                         |
| 01/30/05 17:15 | 0.10                         |
| 01/30/05 17:45 | 0.10                         |
| 01/30/05 18:00 | 0.20                         |
| 01/30/05 18:45 | 0.10                         |
| 01/30/05 19:15 | 0.10                         |
| 01/30/05 20:30 | 0.10                         |
| 01/30/05 23:00 | 0.10                         |
| 02/01/05 00:15 | 0.00                         |
| 02/01/05 09:30 | 0.00                         |
| 02/01/05 17:30 | 0.10                         |
| 02/01/05 23:30 | 0.10                         |
| 02/06/05 05:30 | 0.10                         |
| 02/06/05 09:30 | 0.10                         |
| 02/06/05 20:15 | 0.00                         |
| 02/06/05 20:30 | 0.00                         |
| 02/08/05 21:00 | 0.10                         |
| 02/12/05 17:30 | 0.10                         |
| 02/15/05 11:00 | 0.10                         |
| 02/20/05 03:15 | 0.00                         |
| 02/20/05 10:30 | 0.00                         |
| 02/23/05 05:30 | 0.10                         |
| 02/24/05 04:45 | 0.10                         |
| 02/26/05 15:45 | 0.10                         |
| 02/26/05 19:00 | 0.10                         |
| 02/26/05 20:30 | 0.10                         |
| 02/26/05 21:30 | 0.00                         |
| 02/26/05 23:00 | 0.10                         |
| 02/27/05 00:45 | 0.10                         |
| 02/27/05 17:00 | 0.00                         |
| 03/01/05 00:15 | 0.00                         |
| 03/01/05 08:45 | 0.00                         |
| 03/01/05 10:30 | 0.00                         |
| 03/02/05 06:15 | 0.10                         |
| 03/04/05 08:15 | 0.10                         |
| 03/09/05 02:30 | 0.10                         |
| 03/21/05 07:45 | 0.10                         |
| 03/21/05 11:15 | 0.20                         |
| 03/26/05 04:30 | 0.10                         |
| 03/26/05 04:45 | 0.10                         |
| 03/26/05 05:00 | 0.10                         |
| 03/26/05 05:30 | 0.10                         |
| 03/26/05 06:00 | 0.10                         |
| 03/26/05 07:15 | 0.10                         |
| 03/26/05 08:00 | 0.10                         |
| 03/26/05 09:45 | 0.10                         |
| 03/26/05 10:15 | 0.10                         |
| 03/26/05 12:00 | 0.10                         |
| 03/26/05 14:45 | 0.10                         |
| 03/27/05 03:30 | 0.10                         |
| 03/27/05 04:30 | 0.10                         |
| 03/27/05 06:15 | 0.10                         |
| 03/27/05 08:00 | 0.10                         |
| 04/01/05 00:15 | 0.00                         |
| 04/01/05 12:30 | 0.00                         |
| 04/01/05 17:00 | 0.00                         |
| 04/25/05 10:45 | 0.10                         |
| 05/01/05 00:15 | 0.00                         |
| 05/02/05 09:00 | 0.00                         |
| 05/02/05 09:30 | 0.00                         |
| 05/04/05 01:15 | 0.10                         |



| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 05/04/05 03:45 | 0.10                         |
| 05/04/05 17:30 | 0.10                         |
| 05/05/05 05:45 | 0.00                         |
| 05/05/05 06:00 | 0.00                         |
| 05/08/05 19:00 | 0.20                         |
| 05/09/05 07:45 | 0.20                         |
| 05/14/05 00:15 | 0.20                         |
| 05/14/05 00:30 | 0.10                         |
| 05/14/05 01:00 | 0.10                         |
| 05/14/05 01:45 | 0.10                         |
| 05/14/05 02:15 | 0.10                         |
| 05/18/05 11:30 | 0.00                         |
| 05/27/05 11:45 | 0.00                         |
| 05/27/05 12:00 | 0.00                         |
| 05/28/05 11:15 | 0.30                         |
| 05/28/05 12:00 | 0.10                         |
| 05/28/05 12:30 | 0.10                         |
| 05/28/05 14:15 | 0.10                         |
| 05/28/05 14:30 | 0.10                         |
| 05/28/05 14:45 | 0.20                         |
| 05/28/05 15:00 | 0.10                         |
| 05/28/05 15:15 | 0.20                         |
| 05/28/05 15:45 | 0.10                         |
| 05/28/05 16:15 | 0.10                         |
| 05/28/05 16:30 | 0.10                         |
| 05/28/05 16:45 | 0.10                         |
| 05/28/05 17:15 | 0.10                         |
| 05/29/05 09:00 | 0.00                         |
| 05/29/05 14:15 | 0.10                         |
| 06/01/05 00:15 | 0.00                         |
| 06/01/05 00:45 | 0.10                         |
| 06/01/05 01:00 | 0.20                         |
| 06/01/05 01:15 | 0.40                         |
| 06/01/05 01:30 | 0.20                         |
| 06/01/05 02:00 | 0.10                         |
| 06/01/05 09:30 | 0.00                         |
| 06/01/05 09:45 | 0.00                         |
| 06/01/05 10:30 | 0.00                         |
| 06/01/05 11:30 | 0.00                         |
| 06/03/05 19:30 | 0.00                         |
| 06/05/05 05:00 | 0.10                         |
| 06/10/05 05:00 | 0.00                         |
| 06/14/05 00:30 | 0.10                         |
| 07/01/05 00:15 | 0.00                         |
| 07/05/05 10:45 | 0.10                         |
| 07/07/05 14:45 | 0.10                         |
| 07/09/05 10:15 | 0.00                         |
| 07/12/05 06:30 | 0.00                         |
| 07/15/05 21:00 | 0.10                         |
| 07/27/05 07:15 | 0.10                         |
| 07/27/05 08:00 | 0.10                         |
| 07/27/05 09:00 | 0.10                         |
| 07/27/05 11:15 | 0.10                         |
| 07/29/05 04:15 | 0.00                         |
| 08/01/05 00:15 | 0.00                         |
| 08/01/05 08:45 | 0.00                         |
| 08/01/05 09:15 | 0.00                         |
| 08/05/05 15:30 | 0.20                         |
| 08/05/05 15:45 | 0.10                         |
| 08/08/05 03:30 | 0.00                         |
| 08/08/05 15:45 | 0.10                         |
| 08/08/05 16:00 | 0.90                         |
| 08/08/05 16:15 | 0.20                         |
| 08/08/05 16:30 | 0.10                         |
| 08/14/05 17:30 | 0.20                         |
| 08/14/05 18:00 | 0.30                         |
| 08/14/05 18:15 | 0.50                         |
| 08/14/05 18:30 | 0.10                         |
| 08/15/05 04:15 | 0.00                         |
| 08/15/05 22:15 | 0.10                         |
| 08/23/05 23:30 | 0.00                         |
| 09/01/05 00:15 | 0.00                         |
| 09/01/05 05:45 | 0.00                         |
| 09/01/05 06:00 | 0.00                         |
| 09/01/05 08:15 | 0.00                         |
| 09/01/05 08:45 | 0.00                         |
| 09/10/05 21:15 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 09/12/05 08:15 | 0.00                         |
| 09/13/05 17:45 | 0.00                         |
| 09/15/05 15:30 | 0.10                         |
| 09/28/05 07:00 | 0.00                         |
| 10/01/05 00:15 | 0.00                         |
| 10/03/05 07:45 | 0.00                         |
| 10/03/05 08:00 | 0.00                         |
| 10/03/05 10:00 | 0.00                         |
| 10/03/05 10:45 | 0.00                         |
| 10/25/05 13:30 | 0.00                         |
| 10/25/05 13:45 | 0.00                         |
| 10/31/05 10:15 | 0.20                         |
| 10/31/05 10:45 | 0.10                         |
| 10/31/05 11:15 | 0.10                         |
| 11/01/05 00:15 | 0.00                         |
| 11/02/05 07:15 | 0.00                         |
| 11/02/05 08:15 | 0.00                         |
| 12/01/05 00:15 | 0.00                         |
| 12/01/05 14:45 | 0.00                         |
| 12/12/05 13:15 | 0.10                         |
| 12/20/05 12:00 | 0.10                         |
| 12/20/05 23:45 | 0.10                         |
| 01/01/06 00:15 | 0.00                         |
| 01/17/06 11:00 | 0.10                         |
| 01/22/06 04:00 | 0.10                         |
| 01/22/06 04:30 | 0.10                         |
| 01/22/06 04:45 | 0.10                         |
| 01/22/06 05:30 | 0.10                         |
| 01/22/06 06:00 | 0.10                         |
| 01/22/06 07:00 | 0.10                         |
| 01/22/06 11:15 | 0.10                         |
| 01/22/06 11:45 | 0.10                         |
| 01/22/06 12:15 | 0.10                         |
| 01/22/06 12:30 | 0.10                         |
| 01/22/06 13:15 | 0.10                         |
| 01/22/06 14:15 | 0.10                         |
| 01/28/06 03:30 | 0.10                         |
| 01/28/06 04:15 | 0.10                         |
| 01/28/06 05:15 | 0.10                         |
| 01/28/06 06:00 | 0.10                         |
| 01/28/06 07:30 | 0.20                         |
| 01/28/06 08:15 | 0.10                         |
| 01/28/06 09:00 | 0.10                         |
| 01/28/06 10:00 | 0.10                         |
| 02/01/06 00:15 | 0.00                         |
| 02/01/06 09:30 | 0.00                         |
| 02/01/06 10:15 | 0.00                         |
| 02/03/06 08:00 | 0.10                         |
| 02/03/06 08:45 | 0.10                         |
| 02/03/06 09:30 | 0.10                         |
| 02/24/06 12:45 | 0.00                         |
| 02/24/06 13:00 | 0.00                         |
| 02/28/06 08:00 | 0.00                         |
| 02/28/06 08:15 | 0.00                         |
| 03/01/06 00:15 | 0.00                         |
| 03/11/06 09:15 | 0.00                         |
| 03/11/06 10:30 | 0.10                         |
| 03/13/06 01:00 | 0.10                         |
| 03/13/06 01:15 | 0.10                         |
| 03/17/06 23:30 | 0.10                         |
| 03/18/06 10:30 | 0.10                         |
| 03/18/06 12:00 | 0.10                         |
| 03/18/06 12:15 | 0.10                         |
| 03/18/06 12:45 | 0.10                         |
| 03/18/06 13:00 | 0.10                         |
| 03/18/06 13:15 | 0.10                         |
| 03/18/06 16:15 | 0.10                         |
| 03/18/06 16:45 | 0.10                         |
| 03/18/06 18:00 | 0.10                         |
| 03/18/06 18:30 | 0.10                         |
| 03/18/06 18:45 | 0.10                         |
| 03/18/06 19:15 | 0.10                         |
| 03/18/06 20:00 | 0.10                         |
| 03/19/06 00:30 | 0.10                         |
| 03/19/06 02:15 | 0.10                         |
| 03/19/06 02:30 | 0.10                         |
| 03/19/06 02:45 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 03/19/06 03:00 | 0.10                         |
| 03/19/06 04:45 | 0.10                         |
| 03/19/06 06:00 | 0.10                         |
| 03/19/06 06:15 | 0.10                         |
| 03/19/06 06:45 | 0.10                         |
| 03/19/06 07:30 | 0.10                         |
| 03/19/06 12:30 | 0.00                         |
| 03/19/06 12:45 | 0.10                         |
| 03/19/06 13:15 | 0.10                         |
| 03/19/06 13:30 | 0.10                         |
| 03/19/06 14:15 | 0.10                         |
| 03/19/06 14:45 | 0.10                         |
| 03/19/06 16:15 | 0.10                         |
| 03/19/06 17:15 | 0.10                         |
| 03/19/06 17:45 | 0.50                         |
| 03/19/06 18:00 | 0.40                         |
| 03/19/06 18:15 | 0.10                         |
| 03/19/06 21:30 | 0.10                         |
| 03/20/06 12:15 | 0.00                         |
| 04/01/06 00:15 | 0.00                         |
| 04/01/06 09:30 | 0.00                         |
| 04/19/06 23:30 | 0.10                         |
| 04/20/06 00:45 | 0.10                         |
| 04/20/06 01:15 | 0.10                         |
| 04/20/06 01:45 | 0.10                         |
| 04/20/06 02:00 | 0.10                         |
| 04/20/06 02:30 | 0.10                         |
| 04/20/06 17:30 | 0.10                         |
| 04/21/06 05:00 | 0.10                         |
| 04/21/06 05:15 | 0.10                         |
| 04/28/06 13:30 | 0.10                         |
| 04/28/06 14:15 | 0.10                         |
| 04/28/06 15:15 | 0.10                         |
| 04/28/06 15:30 | 0.10                         |
| 04/28/06 23:45 | 0.10                         |
| 04/29/06 00:15 | 0.10                         |
| 04/29/06 00:30 | 0.20                         |
| 04/29/06 00:45 | 0.20                         |
| 04/29/06 03:30 | 0.10                         |
| 05/01/06 00:15 | 0.00                         |
| 05/01/06 08:00 | 0.00                         |
| 05/01/06 08:15 | 0.00                         |
| 05/01/06 09:15 | 0.00                         |
| 05/01/06 10:15 | 0.00                         |
| 05/02/06 12:30 | 0.10                         |
| 05/04/06 07:15 | 0.10                         |
| 05/05/06 03:30 | 0.10                         |
| 05/05/06 04:00 | 0.20                         |
| 05/05/06 04:30 | 0.10                         |
| 05/05/06 05:00 | 0.10                         |
| 05/06/06 00:30 | 0.10                         |
| 05/06/06 00:45 | 0.20                         |
| 05/06/06 02:00 | 0.10                         |
| 05/06/06 02:30 | 0.10                         |
| 05/06/06 03:45 | 0.10                         |
| 05/06/06 18:30 | 0.10                         |
| 05/08/06 07:45 | 0.10                         |
| 06/01/06 00:15 | 0.00                         |
| 06/17/06 03:30 | 0.10                         |
| 06/17/06 03:45 | 0.10                         |
| 06/18/06 02:00 | 0.10                         |
| 06/18/06 14:15 | 0.00                         |
| 06/18/06 16:30 | 0.00                         |
| 06/30/06 23:15 | 0.00                         |
| 07/01/06 00:15 | 0.00                         |
| 07/03/06 09:15 | 0.00                         |
| 07/03/06 12:30 | 0.00                         |
| 07/03/06 13:15 | 0.00                         |
| 07/03/06 13:30 | 0.00                         |
| 07/05/06 05:00 | 0.10                         |
| 07/05/06 08:15 | 0.10                         |
| 07/10/06 07:00 | 0.00                         |
| 07/15/06 09:15 | 0.00                         |
| 07/26/06 10:30 | 0.00                         |
| 08/01/06 00:15 | 0.00                         |
| 08/02/06 08:00 | 0.00                         |
| 08/02/06 09:15 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 08/07/06 16:15 | 0.20                         |
| 08/07/06 16:30 | 0.30                         |
| 08/07/06 16:45 | 0.20                         |
| 08/07/06 17:15 | 0.10                         |
| 08/12/06 19:30 | 0.10                         |
| 08/28/06 03:15 | 0.10                         |
| 08/28/06 10:30 | 0.10                         |
| 08/28/06 12:45 | 0.10                         |
| 08/28/06 18:15 | 0.20                         |
| 08/28/06 18:30 | 0.50                         |
| 08/28/06 19:30 | 0.10                         |
| 08/29/06 16:30 | 0.00                         |
| 09/01/06 00:15 | 0.00                         |
| 09/03/06 19:00 | 0.00                         |
| 09/03/06 19:15 | 0.00                         |
| 09/04/06 06:45 | 0.10                         |
| 09/04/06 09:30 | 0.10                         |
| 09/04/06 13:15 | 0.00                         |
| 09/04/06 14:00 | 0.00                         |
| 09/04/06 15:15 | 0.10                         |
| 09/04/06 17:30 | 0.10                         |
| 09/04/06 17:45 | 0.10                         |
| 09/04/06 18:45 | 0.10                         |
| 09/04/06 19:15 | 0.10                         |
| 09/04/06 20:45 | 0.10                         |
| 09/05/06 08:45 | 0.00                         |
| 09/05/06 09:15 | 0.00                         |
| 09/11/06 19:45 | 0.10                         |
| 09/17/06 07:45 | 0.10                         |
| 09/17/06 14:15 | 0.60                         |
| 09/17/06 14:30 | 0.20                         |
| 09/17/06 14:45 | 0.10                         |
| 09/17/06 16:15 | 0.10                         |
| 09/17/06 17:45 | 0.10                         |
| 09/17/06 18:15 | 0.10                         |
| 09/18/06 06:00 | 0.00                         |
| 09/21/06 12:45 | 0.10                         |
| 10/01/06 00:15 | 0.00                         |
| 10/02/06 09:15 | 0.00                         |
| 10/02/06 09:30 | 0.00                         |
| 10/02/06 10:15 | 0.00                         |
| 10/02/06 10:30 | 0.00                         |
| 10/03/06 10:30 | 0.00                         |
| 10/10/06 08:00 | 0.10                         |
| 10/10/06 08:15 | 0.10                         |
| 10/10/06 08:30 | 0.20                         |
| 10/10/06 08:45 | 0.20                         |
| 10/10/06 09:00 | 0.10                         |
| 10/10/06 09:15 | 0.10                         |
| 10/10/06 09:30 | 0.10                         |
| 10/10/06 10:00 | 0.10                         |
| 10/10/06 10:30 | 0.10                         |
| 10/10/06 15:00 | 0.00                         |
| 10/11/06 04:00 | 0.00                         |
| 10/11/06 09:30 | 0.00                         |
| 10/15/06 09:15 | 0.10                         |
| 10/15/06 09:45 | 0.20                         |
| 10/15/06 10:00 | 0.10                         |
| 10/15/06 10:45 | 0.10                         |
| 10/15/06 12:45 | 0.10                         |
| 10/15/06 14:00 | 0.10                         |
| 10/15/06 15:00 | 0.10                         |
| 10/15/06 15:30 | 0.10                         |
| 10/15/06 17:00 | 0.10                         |
| 10/15/06 21:45 | 0.10                         |
| 10/15/06 23:00 | 0.10                         |
| 10/15/06 23:15 | 0.10                         |
| 10/16/06 00:15 | 0.10                         |
| 10/16/06 03:00 | 0.10                         |
| 10/16/06 03:45 | 0.10                         |
| 10/16/06 04:00 | 0.10                         |
| 10/16/06 05:00 | 0.10                         |
| 10/16/06 05:15 | 0.10                         |
| 10/16/06 05:45 | 0.10                         |
| 10/16/06 06:30 | 0.10                         |
| 10/17/06 01:45 | 0.00                         |
| 10/25/06 01:30 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 10/25/06 05:45 | 0.10                         |
| 10/25/06 12:00 | 0.10                         |
| 10/26/06 03:30 | 0.00                         |
| 11/01/06 00:15 | 0.00                         |
| 11/01/06 16:15 | 0.00                         |
| 11/05/06 21:00 | 0.10                         |
| 11/05/06 22:00 | 0.10                         |
| 11/05/06 23:15 | 0.10                         |
| 11/05/06 23:30 | 0.20                         |
| 11/05/06 23:45 | 0.10                         |
| 11/09/06 04:45 | 0.00                         |
| 11/27/06 15:30 | 0.10                         |
| 11/29/06 23:15 | 0.10                         |
| 11/30/06 00:45 | 0.10                         |
| 11/30/06 01:00 | 0.10                         |
| 11/30/06 01:15 | 0.20                         |
| 11/30/06 01:45 | 0.10                         |
| 11/30/06 02:00 | 0.30                         |
| 11/30/06 04:00 | 0.10                         |
| 12/01/06 00:15 | 0.00                         |
| 12/01/06 08:15 | 0.30                         |
| 12/01/06 08:30 | 0.00                         |
| 12/01/06 12:00 | 0.00                         |
| 12/01/06 12:15 | 0.00                         |
| 12/19/06 17:15 | 0.10                         |
| 12/19/06 23:00 | 0.10                         |
| 12/20/06 07:15 | 0.00                         |
| 12/20/06 07:45 | 0.10                         |
| 12/20/06 08:00 | 0.10                         |
| 12/20/06 08:15 | 0.10                         |
| 12/20/06 08:45 | 0.10                         |
| 12/20/06 09:30 | 0.10                         |
| 12/20/06 20:30 | 0.00                         |
| 12/20/06 20:45 | 0.00                         |
| 12/24/06 16:30 | 0.10                         |
| 12/24/06 18:15 | 0.10                         |
| 12/24/06 20:30 | 0.10                         |
| 12/24/06 21:45 | 0.10                         |
| 12/24/06 23:15 | 0.10                         |
| 12/25/06 02:00 | 0.10                         |
| 12/29/06 07:45 | 0.10                         |
| 12/29/06 11:45 | 0.10                         |
| 12/29/06 15:15 | 0.10                         |
| 12/29/06 16:00 | 0.20                         |
| 12/29/06 17:00 | 0.10                         |
| 12/29/06 17:15 | 0.10                         |
| 12/29/06 17:30 | 0.10                         |
| 12/29/06 17:45 | 0.40                         |
| 12/29/06 18:00 | 0.30                         |
| 12/29/06 18:30 | 0.10                         |
| 12/29/06 19:00 | 0.30                         |
| 12/29/06 19:45 | 0.10                         |
| 12/29/06 20:30 | 0.10                         |
| 12/29/06 20:45 | 0.30                         |
| 12/29/06 21:00 | 0.10                         |
| 12/29/06 21:30 | 0.10                         |
| 12/31/06 05:15 | 0.00                         |
| 01/01/07 00:15 | 0.00                         |
| 01/03/07 15:15 | 0.00                         |
| 01/04/07 00:15 | 0.10                         |
| 01/04/07 00:45 | 0.10                         |
| 01/04/07 01:00 | 0.10                         |
| 01/04/07 02:15 | 0.10                         |
| 01/04/07 02:30 | 0.10                         |
| 01/04/07 03:00 | 0.10                         |
| 01/04/07 03:45 | 0.10                         |
| 01/04/07 04:30 | 0.10                         |
| 01/05/07 15:15 | 0.10                         |
| 01/12/07 16:00 | 0.10                         |
| 01/12/07 16:15 | 0.20                         |
| 01/12/07 16:30 | 0.10                         |
| 01/12/07 16:45 | 0.30                         |
| 01/12/07 17:00 | 0.50                         |
| 01/12/07 17:15 | 0.20                         |
| 01/12/07 17:45 | 0.10                         |
| 01/12/07 19:00 | 0.10                         |
| 01/12/07 21:30 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 01/12/07 22:30 | 0.10                         |
| 01/12/07 22:45 | 0.10                         |
| 01/12/07 23:00 | 0.20                         |
| 01/12/07 23:30 | 0.10                         |
| 01/13/07 03:15 | 0.10                         |
| 01/13/07 06:45 | 0.10                         |
| 01/13/07 07:00 | 0.10                         |
| 01/13/07 07:30 | 0.10                         |
| 01/13/07 11:30 | 0.10                         |
| 01/13/07 12:45 | 0.10                         |
| 01/13/07 14:00 | 0.10                         |
| 01/14/07 12:00 | 0.10                         |
| 01/14/07 14:30 | 0.10                         |
| 01/16/07 13:15 | 0.00                         |
| 01/18/07 12:00 | 0.10                         |
| 01/19/07 18:30 | 0.10                         |
| 01/20/07 00:30 | 0.10                         |
| 01/20/07 01:45 | 0.10                         |
| 01/20/07 03:15 | 0.10                         |
| 01/20/07 04:45 | 0.10                         |
| 01/20/07 06:00 | 0.10                         |
| 01/20/07 09:00 | 0.10                         |
| 01/20/07 14:15 | 0.10                         |
| 01/20/07 15:30 | 0.10                         |
| 01/20/07 16:45 | 0.10                         |
| 01/20/07 17:45 | 0.10                         |
| 01/20/07 18:45 | 0.10                         |
| 01/21/07 13:45 | 0.10                         |
| 01/27/07 15:00 | 0.10                         |
| 02/01/07 00:15 | 0.00                         |
| 02/01/07 09:00 | 0.00                         |
| 02/01/07 10:15 | 0.00                         |
| 02/01/07 17:15 | 0.10                         |
| 02/06/07 12:30 | 0.10                         |
| 02/13/07 00:45 | 0.00                         |
| 04/01/07 00:15 | 0.00                         |
| 04/02/07 13:00 | 0.00                         |
| 04/02/07 13:15 | 0.00                         |
| 04/02/07 13:30 | 0.00                         |
| 04/03/07 07:45 | 0.00                         |
| 04/03/07 10:15 | 0.00                         |
| 04/13/07 09:45 | 0.00                         |
| 04/13/07 10:15 | 0.00                         |
| 04/13/07 10:30 | 0.10                         |
| 04/13/07 19:15 | 0.10                         |
| 04/13/07 20:30 | 0.10                         |
| 04/14/07 11:45 | 0.10                         |
| 04/17/07 19:45 | 0.20                         |
| 04/17/07 21:00 | 0.10                         |
| 04/18/07 09:00 | 0.00                         |
| 04/21/07 13:15 | 0.10                         |
| 04/24/07 15:15 | 0.30                         |
| 04/24/07 15:45 | 0.20                         |
| 04/24/07 16:30 | 0.10                         |
| 04/24/07 17:45 | 0.10                         |
| 04/24/07 18:15 | 0.10                         |
| 04/24/07 21:45 | 1.80                         |
| 04/24/07 22:15 | 0.10                         |
| 04/25/07 00:45 | 0.00                         |
| 04/25/07 02:30 | 0.00                         |
| 04/28/07 10:15 | 0.00                         |
| 05/01/07 00:15 | 0.00                         |
| 05/01/07 01:45 | 0.10                         |
| 05/01/07 02:00 | 0.10                         |
| 05/01/07 03:30 | 0.10                         |
| 05/01/07 04:30 | 0.10                         |
| 05/01/07 04:45 | 0.10                         |
| 05/02/07 19:15 | 0.70                         |
| 05/02/07 19:30 | 0.20                         |
| 05/02/07 19:45 | 0.10                         |
| 05/02/07 20:45 | 0.10                         |
| 05/02/07 21:30 | 0.10                         |
| 05/03/07 08:00 | 0.00                         |
| 05/03/07 08:15 | 0.00                         |
| 06/01/07 00:15 | 0.00                         |
| 07/01/07 00:15 | 0.00                         |
| 08/01/07 00:15 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 09/01/07 00:15 | 0.00                         |
| 10/01/07 00:15 | 0.00                         |
| 11/01/07 00:15 | 0.00                         |
| 12/01/07 00:15 | 0.00                         |
| 01/01/08 00:15 | 0.00                         |
| 01/15/08 11:00 | 0.00                         |
| 01/15/08 11:15 | 0.00                         |
| 01/15/08 11:30 | 0.00                         |
| 01/25/08 05:15 | 0.00                         |
| 01/29/08 13:00 | 0.00                         |
| 01/31/08 13:15 | 0.00                         |
| 02/01/08 00:15 | 0.00                         |
| 02/03/08 11:15 | 0.00                         |
| 02/04/08 10:45 | 0.10                         |
| 02/11/08 01:30 | 0.20                         |
| 02/11/08 03:15 | 0.10                         |
| 02/11/08 03:30 | 0.10                         |
| 02/15/08 01:00 | 0.10                         |
| 02/15/08 04:00 | 0.10                         |
| 02/15/08 07:30 | 0.10                         |
| 02/15/08 10:15 | 0.10                         |
| 02/15/08 13:30 | 0.20                         |
| 02/15/08 13:45 | 0.10                         |
| 02/15/08 14:30 | 0.10                         |
| 02/15/08 18:30 | 0.10                         |
| 02/19/08 15:00 | 0.00                         |
| 03/01/08 00:15 | 0.00                         |
| 03/01/08 20:00 | 0.10                         |
| 03/02/08 01:45 | 0.40                         |
| 03/02/08 02:00 | 0.30                         |
| 03/02/08 02:15 | 0.30                         |
| 03/02/08 02:30 | 0.10                         |
| 03/02/08 02:45 | 0.10                         |
| 03/02/08 03:00 | 0.10                         |
| 03/02/08 03:15 | 0.10                         |
| 03/02/08 03:30 | 0.10                         |
| 03/02/08 04:00 | 0.10                         |
| 03/02/08 04:30 | 0.10                         |
| 03/02/08 05:15 | 0.10                         |
| 03/02/08 05:30 | 0.10                         |
| 03/02/08 06:00 | 0.10                         |
| 03/02/08 06:45 | 0.00                         |
| 03/02/08 07:00 | 0.00                         |
| 03/03/08 07:00 | 0.00                         |
| 03/03/08 07:30 | 0.00                         |
| 03/03/08 15:30 | 0.00                         |
| 03/03/08 21:00 | 0.10                         |
| 03/03/08 21:45 | 0.10                         |
| 03/05/08 10:30 | 0.10                         |
| 03/06/08 11:45 | 0.10                         |
| 03/06/08 12:45 | 0.10                         |
| 03/06/08 13:00 | 0.10                         |
| 03/06/08 13:30 | 0.10                         |
| 03/06/08 14:00 | 0.10                         |
| 03/06/08 15:30 | 0.10                         |
| 03/06/08 16:45 | 0.10                         |
| 03/09/08 21:15 | 0.10                         |
| 03/09/08 22:30 | 0.10                         |
| 03/09/08 23:00 | 0.10                         |
| 03/09/08 23:45 | 0.20                         |
| 03/10/08 00:15 | 0.30                         |
| 03/10/08 00:30 | 0.20                         |
| 03/10/08 01:00 | 0.10                         |
| 03/10/08 01:15 | 0.10                         |
| 03/10/08 02:30 | 0.10                         |
| 03/18/08 06:00 | 0.10                         |
| 03/18/08 06:15 | 0.10                         |
| 03/18/08 07:00 | 0.10                         |
| 03/18/08 07:15 | 0.10                         |
| 03/18/08 07:30 | 0.10                         |
| 03/18/08 07:45 | 0.10                         |
| 03/18/08 08:00 | 0.10                         |
| 03/18/08 08:30 | 0.10                         |
| 03/18/08 08:45 | 0.20                         |
| 03/18/08 09:00 | 0.10                         |
| 03/18/08 09:45 | 0.10                         |
| 03/18/08 11:00 | 0.20                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 03/18/08 11:45 | 0.10                         |
| 03/18/08 12:00 | 0.10                         |
| 03/18/08 14:00 | 0.10                         |
| 03/18/08 14:15 | 0.10                         |
| 03/18/08 14:45 | 0.10                         |
| 03/18/08 16:00 | 0.10                         |
| 03/18/08 16:30 | 0.10                         |
| 03/18/08 17:00 | 0.10                         |
| 03/18/08 18:00 | 0.10                         |
| 03/18/08 19:15 | 0.10                         |
| 03/18/08 22:45 | 0.10                         |
| 03/19/08 01:30 | 0.10                         |
| 03/19/08 02:00 | 0.10                         |
| 03/19/08 02:15 | 0.10                         |
| 03/19/08 03:00 | 0.10                         |
| 03/23/08 08:00 | 0.00                         |
| 03/29/08 03:45 | 0.10                         |
| 03/31/08 14:15 | 0.10                         |
| 03/31/08 14:30 | 0.40                         |
| 04/01/08 00:15 | 0.00                         |
| 04/01/08 07:15 | 0.00                         |
| 04/01/08 07:30 | 0.00                         |
| 04/01/08 08:15 | 0.00                         |
| 04/01/08 09:15 | 0.00                         |
| 04/04/08 03:00 | 0.10                         |
| 04/04/08 04:15 | 0.60                         |
| 04/04/08 04:30 | 0.10                         |
| 04/04/08 05:00 | 0.20                         |
| 04/04/08 05:30 | 0.20                         |
| 04/04/08 05:45 | 0.10                         |
| 04/08/08 23:45 | 0.10                         |
| 04/09/08 01:15 | 0.10                         |
| 04/09/08 02:00 | 0.10                         |
| 04/09/08 02:45 | 0.10                         |
| 04/09/08 03:00 | 0.10                         |
| 04/09/08 03:15 | 0.10                         |
| 04/09/08 03:45 | 0.10                         |
| 04/09/08 17:15 | 0.10                         |
| 04/10/08 04:15 | 0.10                         |
| 04/10/08 04:30 | 0.10                         |
| 04/10/08 04:45 | 0.30                         |
| 04/10/08 05:15 | 0.10                         |
| 04/10/08 07:00 | 0.10                         |
| 04/16/08 14:30 | 0.00                         |
| 04/16/08 15:45 | 0.10                         |
| 04/17/08 21:45 | 0.20                         |
| 04/17/08 22:00 | 0.10                         |
| 04/17/08 22:15 | 0.10                         |
| 04/23/08 21:45 | 0.10                         |
| 04/23/08 22:30 | 0.10                         |
| 04/23/08 22:45 | 0.10                         |
| 04/23/08 23:00 | 0.10                         |
| 04/23/08 23:15 | 0.10                         |
| 04/23/08 23:30 | 0.30                         |
| 04/23/08 23:45 | 0.40                         |
| 04/24/08 00:15 | 0.30                         |
| 04/24/08 00:30 | 0.10                         |
| 04/24/08 00:45 | 0.10                         |
| 04/27/08 09:00 | 0.10                         |
| 04/30/08 15:00 | 0.10                         |
| 05/01/08 00:15 | 0.00                         |
| 05/01/08 08:15 | 0.00                         |
| 05/02/08 05:00 | 0.00                         |
| 05/02/08 05:30 | 0.00                         |
| 05/06/08 09:15 | 0.40                         |
| 05/06/08 09:30 | 0.10                         |
| 05/06/08 10:45 | 0.10                         |
| 05/14/08 07:00 | 0.10                         |
| 05/14/08 08:00 | 0.10                         |
| 05/14/08 08:45 | 0.10                         |
| 05/14/08 09:00 | 0.10                         |
| 05/14/08 23:00 | 0.10                         |
| 05/25/08 06:15 | 0.10                         |
| 05/25/08 06:30 | 0.40                         |
| 05/25/08 06:45 | 0.10                         |
| 05/27/08 12:45 | 0.10                         |
| 05/27/08 13:15 | 0.10                         |



| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 05/27/08 13:30 | 0.10                         |
| 05/27/08 13:45 | 0.10                         |
| 05/27/08 14:00 | 0.20                         |
| 05/27/08 14:15 | 0.20                         |
| 05/27/08 14:30 | 0.20                         |
| 05/27/08 14:45 | 0.10                         |
| 06/01/08 00:15 | 0.00                         |
| 06/02/08 09:15 | 0.00                         |
| 06/05/08 03:00 | 0.00                         |
| 06/05/08 03:30 | 0.00                         |
| 06/09/08 17:00 | 0.10                         |
| 06/17/08 14:45 | 0.10                         |
| 06/19/08 18:15 | 0.00                         |
| 06/22/08 20:15 | 0.00                         |
| 06/28/08 19:30 | 0.30                         |
| 06/28/08 19:45 | 0.30                         |
| 06/28/08 20:00 | 0.40                         |
| 06/28/08 20:15 | 0.10                         |
| 06/28/08 20:30 | 0.10                         |
| 06/29/08 02:45 | 0.10                         |
| 06/29/08 10:45 | 0.10                         |
| 07/01/08 00:15 | 0.00                         |
| 07/08/08 20:00 | 0.00                         |
| 07/08/08 20:45 | 0.10                         |
| 07/09/08 22:45 | 0.10                         |
| 07/30/08 18:45 | 0.10                         |
| 07/30/08 19:00 | 0.10                         |
| 08/01/08 00:15 | 0.00                         |
| 08/01/08 04:00 | 0.10                         |
| 08/01/08 08:15 | 0.00                         |
| 08/01/08 08:45 | 0.00                         |
| 08/11/08 20:45 | 0.10                         |
| 08/15/08 02:30 | 0.10                         |
| 08/15/08 02:45 | 0.10                         |
| 08/15/08 04:00 | 0.10                         |
| 08/15/08 05:30 | 0.30                         |
| 08/15/08 05:45 | 0.10                         |
| 08/15/08 06:15 | 0.10                         |
| 08/15/08 07:45 | 0.10                         |
| 08/15/08 08:15 | 0.10                         |
| 08/15/08 08:30 | 0.10                         |
| 08/18/08 06:00 | 0.10                         |
| 08/18/08 09:45 | 0.10                         |
| 08/18/08 10:30 | 0.10                         |
| 08/18/08 11:00 | 0.10                         |
| 08/18/08 12:00 | 0.10                         |
| 08/18/08 12:30 | 0.10                         |
| 08/18/08 21:00 | 0.10                         |
| 08/18/08 21:15 | 0.20                         |
| 08/18/08 21:30 | 0.10                         |
| 08/19/08 12:45 | 0.10                         |
| 08/20/08 01:30 | 0.10                         |
| 08/20/08 03:00 | 0.10                         |
| 08/20/08 14:00 | 0.20                         |
| 08/20/08 14:15 | 0.50                         |
| 08/20/08 14:30 | 0.10                         |
| 08/21/08 09:00 | 0.10                         |
| 09/01/08 00:15 | 0.00                         |
| 09/02/08 08:30 | 0.00                         |
| 09/02/08 09:15 | 0.00                         |
| 09/09/08 01:00 | 0.10                         |
| 09/09/08 12:15 | 0.10                         |
| 09/09/08 12:45 | 0.10                         |
| 09/09/08 14:15 | 0.10                         |
| 09/09/08 14:30 | 0.10                         |
| 09/09/08 14:45 | 0.20                         |
| 09/10/08 15:45 | 0.20                         |
| 09/10/08 16:30 | 0.10                         |
| 09/13/08 16:45 | 0.10                         |
| 09/30/08 16:45 | 0.00                         |
| 10/01/08 00:15 | 0.00                         |
| 10/01/08 11:00 | 0.00                         |
| 10/01/08 12:00 | 0.00                         |
| 10/06/08 06:45 | 0.10                         |
| 10/06/08 07:00 | 0.10                         |
| 10/06/08 07:45 | 0.10                         |
| 10/06/08 21:15 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 10/06/08 21:30 | 0.10                         |
| 10/06/08 21:45 | 0.50                         |
| 10/15/08 11:45 | 0.10                         |
| 10/15/08 14:00 | 0.10                         |
| 10/15/08 14:30 | 0.10                         |
| 10/22/08 08:00 | 0.00                         |
| 10/23/08 08:00 | 0.00                         |
| 11/01/08 00:15 | 0.00                         |
| 11/10/08 06:15 | 0.10                         |
| 11/10/08 21:00 | 0.50                         |
| 11/10/08 21:15 | 0.50                         |
| 11/10/08 21:30 | 0.20                         |
| 11/10/08 21:45 | 0.20                         |
| 11/10/08 22:00 | 0.10                         |
| 11/10/08 22:15 | 0.10                         |
| 11/10/08 23:15 | 0.10                         |
| 11/11/08 00:15 | 0.10                         |
| 11/11/08 03:30 | 0.10                         |
| 11/11/08 04:15 | 0.40                         |
| 11/11/08 14:45 | 0.00                         |
| 11/11/08 15:00 | 0.00                         |
| 11/11/08 15:30 | 0.00                         |
| 11/11/08 15:45 | 0.00                         |
| 11/11/08 20:00 | 0.00                         |
| 11/11/08 20:15 | 0.00                         |
| 11/11/08 20:30 | 0.00                         |
| 11/12/08 05:30 | 0.00                         |
| 11/12/08 05:45 | 0.00                         |
| 11/12/08 06:00 | 0.00                         |
| 11/12/08 13:30 | 0.00                         |
| 11/12/08 14:00 | 0.00                         |
| 11/12/08 14:15 | 0.00                         |
| 11/12/08 14:30 | 0.00                         |
| 11/12/08 21:45 | 0.00                         |
| 11/12/08 22:15 | 0.00                         |
| 11/12/08 22:30 | 0.00                         |
| 11/24/08 17:45 | 0.00                         |
| 11/24/08 18:30 | 0.00                         |
| 11/24/08 18:45 | 0.00                         |
| 11/24/08 19:00 | 0.00                         |
| 11/28/08 06:30 | 0.00                         |
| 11/28/08 06:45 | 0.00                         |
| 11/28/08 08:45 | 0.00                         |
| 11/28/08 09:00 | 0.00                         |
| 11/28/08 10:00 | 0.00                         |
| 11/28/08 10:45 | 0.00                         |
| 01/01/09 00:15 | 0.00                         |
| 01/06/09 16:00 | 0.00                         |
| 01/06/09 16:15 | 0.00                         |
| 01/06/09 16:30 | 0.00                         |
| 01/25/09 17:15 | 0.10                         |
| 01/25/09 19:00 | 0.10                         |
| 01/26/09 03:00 | 0.10                         |
| 01/26/09 23:00 | 0.10                         |
| 01/27/09 11:00 | 0.10                         |
| 01/27/09 11:45 | 0.00                         |
| 02/01/09 00:15 | 0.00                         |
| 02/01/09 14:00 | 0.00                         |
| 02/01/09 14:15 | 0.00                         |
| 02/02/09 13:15 | 0.00                         |
| 02/02/09 13:45 | 0.00                         |
| 02/02/09 15:45 | 0.00                         |
| 02/03/09 02:15 | 0.00                         |
| 02/08/09 08:00 | 0.00                         |
| 02/09/09 04:00 | 0.00                         |
| 02/09/09 04:15 | 0.20                         |
| 02/09/09 04:45 | 0.10                         |
| 02/09/09 06:30 | 0.10                         |
| 02/09/09 08:30 | 0.10                         |
| 02/10/09 08:00 | 0.00                         |
| 02/10/09 21:00 | 0.00                         |
| 02/10/09 21:45 | 0.40                         |
| 02/10/09 22:15 | 0.10                         |
| 02/11/09 00:15 | 0.00                         |
| 02/11/09 08:00 | 0.00                         |
| 03/01/09 00:15 | 0.00                         |
| 03/02/09 09:45 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 03/11/09 05:00 | 0.10                         |
| 03/11/09 05:15 | 0.10                         |
| 03/11/09 05:30 | 0.10                         |
| 03/11/09 06:00 | 0.10                         |
| 03/11/09 07:00 | 0.10                         |
| 03/11/09 07:30 | 0.10                         |
| 03/11/09 08:15 | 0.10                         |
| 03/11/09 14:45 | 0.10                         |
| 03/11/09 15:15 | 0.10                         |
| 03/11/09 16:00 | 0.10                         |
| 03/11/09 16:15 | 0.10                         |
| 03/11/09 16:30 | 0.10                         |
| 03/11/09 17:00 | 0.10                         |
| 03/11/09 17:30 | 0.10                         |
| 03/11/09 18:00 | 0.10                         |
| 03/11/09 18:30 | 0.10                         |
| 03/11/09 18:45 | 0.10                         |
| 03/11/09 19:15 | 0.10                         |
| 03/11/09 19:45 | 0.10                         |
| 03/11/09 20:15 | 0.10                         |
| 03/11/09 21:00 | 0.10                         |
| 03/11/09 22:00 | 0.10                         |
| 03/12/09 00:45 | 0.10                         |
| 03/12/09 03:30 | 0.10                         |
| 03/12/09 07:15 | 0.10                         |
| 03/13/09 10:00 | 0.10                         |
| 03/13/09 10:30 | 0.10                         |
| 03/13/09 11:30 | 0.10                         |
| 03/13/09 13:15 | 0.10                         |
| 03/13/09 14:15 | 0.10                         |
| 03/13/09 23:45 | 0.10                         |
| 03/25/09 13:00 | 0.10                         |
| 03/25/09 13:30 | 0.10                         |
| 03/25/09 14:15 | 0.10                         |
| 03/25/09 14:30 | 0.10                         |
| 03/25/09 14:45 | 0.10                         |
| 03/30/09 21:15 | 0.10                         |
| 03/30/09 21:30 | 0.10                         |
| 04/01/09 00:15 | 0.00                         |
| 04/01/09 07:30 | 0.00                         |
| 04/01/09 07:45 | 0.00                         |
| 04/01/09 09:45 | 0.00                         |
| 04/01/09 10:15 | 0.00                         |
| 04/12/09 04:00 | 0.10                         |
| 04/12/09 04:30 | 0.10                         |
| 04/12/09 05:15 | 0.10                         |
| 04/12/09 06:15 | 0.20                         |
| 04/12/09 06:30 | 0.20                         |
| 04/12/09 07:00 | 0.10                         |
| 04/12/09 07:30 | 0.10                         |
| 04/12/09 09:15 | 0.10                         |
| 04/17/09 10:45 | 0.10                         |
| 04/17/09 11:00 | 0.10                         |
| 04/17/09 11:30 | 0.10                         |
| 04/17/09 11:45 | 0.10                         |
| 04/17/09 12:15 | 0.10                         |
| 04/17/09 12:30 | 0.10                         |
| 04/17/09 13:15 | 0.10                         |
| 04/27/09 09:00 | 0.10                         |
| 04/27/09 09:30 | 0.10                         |
| 04/27/09 10:00 | 0.10                         |
| 04/27/09 10:15 | 0.10                         |
| 04/27/09 10:45 | 0.10                         |
| 04/27/09 11:15 | 0.10                         |
| 04/29/09 19:00 | 0.10                         |
| 04/29/09 19:30 | 0.10                         |
| 04/29/09 20:15 | 0.10                         |
| 04/29/09 21:30 | 0.10                         |
| 04/30/09 03:30 | 0.30                         |
| 04/30/09 03:45 | 0.10                         |
| 04/30/09 05:15 | 0.20                         |
| 04/30/09 07:00 | 0.20                         |
| 04/30/09 07:15 | 0.10                         |
| 06/01/09 00:15 | 0.00                         |
| 06/01/09 09:15 | 0.00                         |
| 06/01/09 09:30 | 0.00                         |
| 06/01/09 09:45 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 06/02/09 08:00 | 0.10                         |
| 06/02/09 09:15 | 0.10                         |
| 06/10/09 18:45 | 0.20                         |
| 06/10/09 19:00 | 0.20                         |
| 06/10/09 19:15 | 0.10                         |
| 06/10/09 20:45 | 0.10                         |
| 06/11/09 04:15 | 0.10                         |
| 06/11/09 04:45 | 0.10                         |
| 06/11/09 05:00 | 0.10                         |
| 06/11/09 05:15 | 0.20                         |
| 06/11/09 05:30 | 0.10                         |
| 06/11/09 06:15 | 0.10                         |
| 06/11/09 06:30 | 0.10                         |
| 06/11/09 06:45 | 0.20                         |
| 06/11/09 07:00 | 0.30                         |
| 06/11/09 07:15 | 0.10                         |
| 06/11/09 12:15 | 0.10                         |
| 06/11/09 12:30 | 0.10                         |
| 07/01/09 00:15 | 0.00                         |
| 07/05/09 09:15 | 0.10                         |
| 07/19/09 15:00 | 0.10                         |
| 07/21/09 06:00 | 0.10                         |
| 07/21/09 08:45 | 0.10                         |
| 07/24/09 11:15 | 0.00                         |
| 07/24/09 11:30 | 0.00                         |
| 08/01/09 00:15 | 0.00                         |
| 08/01/09 00:30 | 0.00                         |
| 09/01/09 00:15 | 0.00                         |
| 09/01/09 09:00 | 0.00                         |
| 09/01/09 09:15 | 0.00                         |
| 10/01/09 00:15 | 0.00                         |
| 11/01/09 00:15 | 0.00                         |
| 12/01/09 00:15 | 0.00                         |
| 01/01/10 00:15 | 0.00                         |
| 02/01/10 00:15 | 0.00                         |
| 02/02/10 11:00 | 0.00                         |
| 02/02/10 11:15 | 0.00                         |
| 03/01/10 00:15 | 0.00                         |
| 03/02/10 13:00 | 0.00                         |
| 03/02/10 13:15 | 0.00                         |
| 03/11/10 13:15 | 0.00                         |
| 03/11/10 13:30 | 0.00                         |
| 03/20/10 02:45 | 0.00                         |
| 03/20/10 04:45 | 0.40                         |
| 03/20/10 06:30 | 0.20                         |
| 03/21/10 01:45 | 0.00                         |
| 03/24/10 18:15 | 0.40                         |
| 03/24/10 18:30 | 0.40                         |
| 03/24/10 19:30 | 0.20                         |
| 04/01/10 00:15 | 0.00                         |
| 04/02/10 10:00 | 0.00                         |
| 04/02/10 10:15 | 0.00                         |
| 04/02/10 11:45 | 0.00                         |
| 04/16/10 08:00 | 0.00                         |
| 04/24/10 08:00 | 0.00                         |
| 05/01/10 00:15 | 0.00                         |
| 05/03/10 10:30 | 0.00                         |
| 05/03/10 11:15 | 0.00                         |
| 05/10/10 08:45 | 0.40                         |
| 05/14/10 12:30 | 0.20                         |
| 05/14/10 13:45 | 1.00                         |
| 05/14/10 14:00 | 0.40                         |
| 05/27/10 01:45 | 0.00                         |
| 05/27/10 09:00 | 0.40                         |
| 06/01/10 00:15 | 0.00                         |
| 06/01/10 11:15 | 0.00                         |
| 06/12/10 09:15 | 0.00                         |
| 06/28/10 19:45 | 0.40                         |
| 06/29/10 04:45 | 0.20                         |
| 06/29/10 05:15 | 0.80                         |
| 06/29/10 05:30 | 0.20                         |
| 06/30/10 11:30 | 0.40                         |
| 06/30/10 20:30 | 0.00                         |
| 07/01/10 00:15 | 0.00                         |
| 07/01/10 07:30 | 0.00                         |
| 07/02/10 14:00 | 0.40                         |
| 07/02/10 19:00 | 0.40                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 07/03/10 05:30 | 0.20                         |
| 07/03/10 17:30 | 0.40                         |
| 07/03/10 17:45 | 0.60                         |
| 07/03/10 18:00 | 0.40                         |
| 07/06/10 15:15 | 0.40                         |
| 07/08/10 15:00 | 0.20                         |
| 07/08/10 19:45 | 0.40                         |
| 07/09/10 18:00 | 0.40                         |
| 07/09/10 18:15 | 0.20                         |
| 07/09/10 18:45 | 0.40                         |
| 07/10/10 13:45 | 0.40                         |
| 07/10/10 14:00 | 0.20                         |
| 07/10/10 15:30 | 0.40                         |
| 07/18/10 20:15 | 0.60                         |
| 07/23/10 15:00 | 0.40                         |
| 07/23/10 17:15 | 0.40                         |
| 08/01/10 00:15 | 0.00                         |
| 08/01/10 01:15 | 0.00                         |
| 08/02/10 09:15 | 0.00                         |
| 08/25/10 03:30 | 0.00                         |
| 09/01/10 00:15 | 0.00                         |
| 09/02/10 01:15 | 0.00                         |
| 09/02/10 08:45 | 0.00                         |
| 09/02/10 09:15 | 0.00                         |
| 09/07/10 09:00 | 0.40                         |
| 09/07/10 09:30 | 0.20                         |
| 09/08/10 01:00 | 0.40                         |
| 09/08/10 02:15 | 0.40                         |
| 09/08/10 03:00 | 0.20                         |
| 09/08/10 03:30 | 0.40                         |
| 09/08/10 04:00 | 0.40                         |
| 09/08/10 04:15 | 0.20                         |
| 09/08/10 06:30 | 0.40                         |
| 09/08/10 07:45 | 0.40                         |
| 09/08/10 08:30 | 0.20                         |
| 09/08/10 09:30 | 0.40                         |
| 09/08/10 09:45 | 0.60                         |
| 09/08/10 10:00 | 0.40                         |
| 09/08/10 10:15 | 0.60                         |
| 09/08/10 10:30 | 0.40                         |
| 09/08/10 10:45 | 0.40                         |
| 09/08/10 11:00 | 0.60                         |
| 09/08/10 11:15 | 0.40                         |
| 09/08/10 11:30 | 0.20                         |
| 09/08/10 12:15 | 0.40                         |
| 09/15/10 01:15 | 0.00                         |
| 09/20/10 04:30 | 0.00                         |
| 09/20/10 08:00 | 0.00                         |
| 09/20/10 08:45 | 0.00                         |
| 09/22/10 11:45 | 0.00                         |
| 09/25/10 01:15 | 0.00                         |
| 10/01/10 00:15 | 0.00                         |
| 10/04/10 16:00 | 0.00                         |
| 10/22/10 01:00 | 0.00                         |
| 11/01/10 00:15 | 0.00                         |
| 11/12/10 14:30 | 0.00                         |
| 11/12/10 15:00 | 0.00                         |
| 11/12/10 16:45 | 0.00                         |
| 11/13/10 15:45 | 0.10                         |
| 11/14/10 08:15 | 0.00                         |
| 11/14/10 14:15 | 0.10                         |
| 11/14/10 15:15 | 0.00                         |
| 11/14/10 17:00 | 0.20                         |
| 11/14/10 18:15 | 0.00                         |
| 11/14/10 18:45 | 0.00                         |
| 11/14/10 19:00 | 0.10                         |
| 11/14/10 19:15 | 0.10                         |
| 11/15/10 15:00 | 0.00                         |
| 11/15/10 16:00 | 0.00                         |
| 11/15/10 17:00 | 0.00                         |
| 11/15/10 23:30 | 0.20                         |
| 11/16/10 06:15 | 0.00                         |
| 11/16/10 07:45 | 0.00                         |
| 11/19/10 00:30 | 0.00                         |
| 11/19/10 01:45 | 0.00                         |
| 11/19/10 06:15 | 0.00                         |
| 11/19/10 06:30 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 11/19/10 10:15 | 0.00                         |
| 11/19/10 10:30 | 0.00                         |
| 11/21/10 08:45 | 0.00                         |
| 11/21/10 11:00 | 0.00                         |
| 11/21/10 15:15 | 0.00                         |
| 11/21/10 17:00 | 0.00                         |
| 11/21/10 17:15 | 0.00                         |
| 11/21/10 17:30 | 0.00                         |
| 11/21/10 21:00 | 0.00                         |
| 11/21/10 21:15 | 0.00                         |
| 11/22/10 15:15 | 0.00                         |
| 11/22/10 16:00 | 0.00                         |
| 11/22/10 17:00 | 0.00                         |
| 11/22/10 17:30 | 0.00                         |
| 11/22/10 21:30 | 0.00                         |
| 11/22/10 21:45 | 0.00                         |
| 11/22/10 22:00 | 0.00                         |
| 11/22/10 22:45 | 0.00                         |
| 11/22/10 23:15 | 0.00                         |
| 11/22/10 23:30 | 0.00                         |
| 11/23/10 14:45 | 0.00                         |
| 11/23/10 15:30 | 0.00                         |
| 11/23/10 21:15 | 0.00                         |
| 11/23/10 21:30 | 0.00                         |
| 11/24/10 00:15 | 0.00                         |
| 11/24/10 07:30 | 0.00                         |
| 11/24/10 10:30 | 0.00                         |
| 11/24/10 11:15 | 0.00                         |
| 11/24/10 14:00 | 0.00                         |
| 11/24/10 14:15 | 0.00                         |
| 11/25/10 06:30 | 0.00                         |
| 11/25/10 23:45 | 0.00                         |
| 11/26/10 02:15 | 0.00                         |
| 11/26/10 06:15 | 0.00                         |
| 11/26/10 10:45 | 0.00                         |
| 11/26/10 12:00 | 0.00                         |
| 11/28/10 22:45 | 0.00                         |
| 11/28/10 23:15 | 0.00                         |
| 11/28/10 23:30 | 0.00                         |
| 11/28/10 23:45 | 0.00                         |
| 11/29/10 11:30 | 0.00                         |
| 11/29/10 13:15 | 0.00                         |
| 11/29/10 22:15 | 0.00                         |
| 11/29/10 23:45 | 0.00                         |
| 11/30/10 00:45 | 0.00                         |
| 12/01/10 00:15 | 0.00                         |
| 12/01/10 01:15 | 0.00                         |
| 12/01/10 06:15 | 0.00                         |
| 12/01/10 16:00 | 0.00                         |
| 12/02/10 02:45 | 0.00                         |
| 12/02/10 04:15 | 0.00                         |
| 12/02/10 09:15 | 0.00                         |
| 12/02/10 10:30 | 0.00                         |
| 12/02/10 11:15 | 0.00                         |
| 12/02/10 11:30 | 0.00                         |
| 12/02/10 11:45 | 0.00                         |
| 12/03/10 01:30 | 0.00                         |
| 12/03/10 06:00 | 0.00                         |
| 12/04/10 05:30 | 0.00                         |
| 12/07/10 17:15 | 0.00                         |
| 12/08/10 14:30 | 0.00                         |
| 12/08/10 15:45 | 0.00                         |
| 12/08/10 20:30 | 0.00                         |
| 12/08/10 22:45 | 0.00                         |
| 12/08/10 23:00 | 0.00                         |
| 12/08/10 23:15 | 0.00                         |
| 12/09/10 00:45 | 0.00                         |
| 12/09/10 01:00 | 0.00                         |
| 12/09/10 06:00 | 0.00                         |
| 12/11/10 09:15 | 0.00                         |
| 12/11/10 09:45 | 0.00                         |
| 12/12/10 00:15 | 0.00                         |
| 12/12/10 07:15 | 0.00                         |
| 12/12/10 22:00 | 0.00                         |
| 12/13/10 00:15 | 0.00                         |
| 12/13/10 01:00 | 0.00                         |
| 12/13/10 01:15 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 12/13/10 01:45 | 0.00                         |
| 12/14/10 14:45 | 0.00                         |
| 12/15/10 04:00 | 0.00                         |
| 12/15/10 17:30 | 0.00                         |
| 12/16/10 01:45 | 0.00                         |
| 12/16/10 07:00 | 0.00                         |
| 12/17/10 22:00 | 0.00                         |
| 12/17/10 22:15 | 0.00                         |
| 12/18/10 01:30 | 0.00                         |
| 12/18/10 10:15 | 0.00                         |
| 12/18/10 10:30 | 0.00                         |
| 12/18/10 10:45 | 0.00                         |
| 12/19/10 05:15 | 0.00                         |
| 12/19/10 09:00 | 0.00                         |
| 12/19/10 09:15 | 0.00                         |
| 12/19/10 12:15 | 0.00                         |
| 12/20/10 04:30 | 0.00                         |
| 12/21/10 06:30 | 0.00                         |
| 12/21/10 07:30 | 0.00                         |
| 12/21/10 09:45 | 0.00                         |
| 12/21/10 23:00 | 0.00                         |
| 12/22/10 00:15 | 0.00                         |
| 12/22/10 01:15 | 0.00                         |
| 12/22/10 05:00 | 0.00                         |
| 12/22/10 17:45 | 0.00                         |
| 12/22/10 18:30 | 0.00                         |
| 12/22/10 18:45 | 0.00                         |
| 12/22/10 19:15 | 0.00                         |
| 12/22/10 23:45 | 0.00                         |
| 12/23/10 18:30 | 0.00                         |
| 12/23/10 19:30 | 0.00                         |
| 12/23/10 21:00 | 0.00                         |
| 12/24/10 00:30 | 0.00                         |
| 12/24/10 08:30 | 0.00                         |
| 12/24/10 09:45 | 0.00                         |
| 12/24/10 11:30 | 0.00                         |
| 12/24/10 12:00 | 0.00                         |
| 12/24/10 12:15 | 0.00                         |
| 12/24/10 13:00 | 0.00                         |
| 12/24/10 13:45 | 0.00                         |
| 12/24/10 14:15 | 0.00                         |
| 12/24/10 14:45 | 0.00                         |
| 12/24/10 19:45 | 0.00                         |
| 12/26/10 00:15 | 0.00                         |
| 12/26/10 00:30 | 0.00                         |
| 12/26/10 12:00 | 0.00                         |
| 12/26/10 13:30 | 0.00                         |
| 12/26/10 16:15 | 0.00                         |
| 12/26/10 19:45 | 0.00                         |
| 12/27/10 11:45 | 0.00                         |
| 12/27/10 12:00 | 0.00                         |
| 12/27/10 22:15 | 0.00                         |
| 12/28/10 00:30 | 0.00                         |
| 12/28/10 07:30 | 0.00                         |
| 12/28/10 08:45 | 0.00                         |
| 12/28/10 16:30 | 0.00                         |
| 12/28/10 19:15 | 0.00                         |
| 12/28/10 22:15 | 0.00                         |
| 12/28/10 23:30 | 0.00                         |
| 12/28/10 23:45 | 0.00                         |
| 12/29/10 01:15 | 0.00                         |
| 12/29/10 02:15 | 0.00                         |
| 12/29/10 03:45 | 0.00                         |
| 12/29/10 05:15 | 0.00                         |
| 12/30/10 00:45 | 0.00                         |
| 12/30/10 09:15 | 0.00                         |
| 01/01/11 00:15 | 0.00                         |
| 01/05/11 09:15 | 0.00                         |
| 01/05/11 09:30 | 0.00                         |
| 01/05/11 09:45 | 0.00                         |
| 01/05/11 12:30 | 0.00                         |
| 01/05/11 20:45 | 0.00                         |
| 01/06/11 14:30 | 0.00                         |
| 01/06/11 14:45 | 0.00                         |
| 01/06/11 18:00 | 0.00                         |
| 01/09/11 05:00 | 0.10                         |
| 01/09/11 06:15 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 01/09/11 07:00 | 0.10                         |
| 01/09/11 07:30 | 0.10                         |
| 01/09/11 08:15 | 0.10                         |
| 01/09/11 09:00 | 0.10                         |
| 01/09/11 09:30 | 0.10                         |
| 01/09/11 10:15 | 0.10                         |
| 01/09/11 10:45 | 0.10                         |
| 01/09/11 11:15 | 0.10                         |
| 01/09/11 11:30 | 0.10                         |
| 01/09/11 12:00 | 0.10                         |
| 01/09/11 13:00 | 0.10                         |
| 01/09/11 14:15 | 0.10                         |
| 01/09/11 16:00 | 0.00                         |
| 01/10/11 08:00 | 0.00                         |
| 01/10/11 13:30 | 0.00                         |
| 01/10/11 21:00 | 0.00                         |
| 01/10/11 23:30 | 0.00                         |
| 01/14/11 16:15 | 0.00                         |
| 01/14/11 16:30 | 0.00                         |
| 01/14/11 16:45 | 0.00                         |
| 01/16/11 05:00 | 0.10                         |
| 01/16/11 06:00 | 0.00                         |
| 01/16/11 21:15 | 0.00                         |
| 01/17/11 12:30 | 0.00                         |
| 01/17/11 15:00 | 0.00                         |
| 01/17/11 16:30 | 0.00                         |
| 01/17/11 17:45 | 0.00                         |
| 01/17/11 19:15 | 0.00                         |
| 01/17/11 19:45 | 0.00                         |
| 01/17/11 20:00 | 0.00                         |
| 01/17/11 20:15 | 0.00                         |
| 01/18/11 07:30 | 0.00                         |
| 01/18/11 08:45 | 0.00                         |
| 01/19/11 09:30 | 0.00                         |
| 01/19/11 09:45 | 0.00                         |
| 01/19/11 10:15 | 0.00                         |
| 01/20/11 07:30 | 0.10                         |
| 01/27/11 12:45 | 0.00                         |
| 02/01/11 00:15 | 0.00                         |
| 02/01/11 06:45 | 0.00                         |
| 02/01/11 07:15 | 0.00                         |
| 02/01/11 07:30 | 0.00                         |
| 02/04/11 10:45 | 0.10                         |
| 02/04/11 11:15 | 0.00                         |
| 02/04/11 16:15 | 0.00                         |
| 02/04/11 18:45 | 0.00                         |
| 02/08/11 12:00 | 0.00                         |
| 02/09/11 02:15 | 0.10                         |
| 02/09/11 07:45 | 0.10                         |
| 02/10/11 19:30 | 0.00                         |
| 02/12/11 12:15 | 0.00                         |
| 02/13/11 03:00 | 0.00                         |
| 02/13/11 23:45 | 0.00                         |
| 02/14/11 00:15 | 0.20                         |
| 02/14/11 16:45 | 0.00                         |
| 02/14/11 17:00 | 0.00                         |
| 02/14/11 17:15 | 0.00                         |
| 02/14/11 18:30 | 0.00                         |
| 02/14/11 19:00 | 0.00                         |
| 02/14/11 23:00 | 0.00                         |
| 02/15/11 12:45 | 0.00                         |
| 02/15/11 17:30 | 0.00                         |
| 02/15/11 22:45 | 0.00                         |
| 02/17/11 10:45 | 0.00                         |
| 02/17/11 16:15 | 0.00                         |
| 02/17/11 18:30 | 0.00                         |
| 02/18/11 13:30 | 0.00                         |
| 02/18/11 13:45 | 0.00                         |
| 02/18/11 14:00 | 0.00                         |
| 02/20/11 14:00 | 0.00                         |
| 02/23/11 07:15 | 0.00                         |
| 02/23/11 12:30 | 0.00                         |
| 02/23/11 13:15 | 0.00                         |
| 02/23/11 14:45 | 0.00                         |
| 02/23/11 20:15 | 0.00                         |
| 02/24/11 13:00 | 0.10                         |
| 02/24/11 13:45 | 0.00                         |



| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 02/25/11 05:45 | 0.00                         |
| 02/25/11 14:00 | 0.00                         |
| 02/26/11 08:45 | 0.00                         |
| 02/26/11 12:00 | 0.00                         |
| 02/26/11 13:45 | 0.00                         |
| 02/26/11 15:00 | 0.00                         |
| 02/26/11 15:30 | 0.00                         |
| 02/26/11 16:00 | 0.00                         |
| 02/26/11 16:30 | 0.00                         |
| 02/26/11 17:15 | 0.00                         |
| 02/26/11 17:30 | 0.00                         |
| 02/26/11 17:45 | 0.00                         |
| 02/27/11 11:00 | 0.00                         |
| 02/27/11 12:00 | 0.00                         |
| 02/27/11 12:15 | 0.00                         |
| 02/27/11 15:15 | 0.00                         |
| 02/27/11 19:45 | 0.00                         |
| 02/27/11 20:00 | 0.00                         |
| 02/27/11 21:00 | 0.00                         |
| 02/27/11 22:00 | 0.00                         |
| 02/27/11 22:15 | 0.00                         |
| 02/27/11 22:45 | 0.00                         |
| 02/28/11 00:15 | 0.00                         |
| 02/28/11 01:15 | 0.00                         |
| 02/28/11 01:30 | 0.00                         |
| 02/28/11 01:45 | 0.00                         |
| 02/28/11 04:00 | 0.00                         |
| 02/28/11 06:00 | 0.00                         |
| 02/28/11 21:15 | 0.00                         |
| 03/01/11 00:15 | 0.00                         |
| 03/01/11 02:15 | 0.00                         |
| 03/01/11 05:45 | 0.00                         |
| 03/01/11 06:00 | 0.00                         |
| 03/01/11 08:00 | 0.00                         |
| 03/01/11 08:45 | 0.00                         |
| 04/01/11 00:15 | 0.00                         |
| 04/04/11 12:00 | 0.00                         |
| 04/04/11 12:15 | 0.00                         |
| 05/01/11 00:15 | 0.00                         |
| 05/03/11 09:30 | 0.00                         |
| 05/03/11 10:15 | 0.00                         |
| 05/03/11 13:00 | 0.00                         |
| 05/03/11 17:45 | 0.00                         |
| 05/03/11 22:30 | 0.00                         |
| 05/03/11 23:00 | 0.00                         |
| 05/03/11 23:30 | 0.00                         |
| 05/04/11 01:45 | 0.00                         |
| 05/04/11 06:00 | 0.00                         |
| 05/04/11 06:45 | 0.00                         |
| 05/04/11 07:00 | 0.00                         |
| 05/04/11 07:15 | 0.00                         |
| 05/04/11 07:30 | 0.00                         |
| 05/04/11 07:45 | 0.00                         |
| 05/05/11 02:00 | 0.00                         |
| 05/05/11 02:30 | 0.00                         |
| 05/07/11 16:45 | 0.00                         |
| 05/08/11 03:00 | 0.00                         |
| 05/08/11 03:30 | 0.00                         |
| 05/08/11 09:30 | 0.00                         |
| 05/08/11 12:45 | 0.00                         |
| 05/08/11 13:00 | 0.00                         |
| 05/08/11 19:00 | 0.00                         |
| 05/09/11 02:30 | 0.00                         |
| 05/09/11 03:00 | 0.00                         |
| 05/09/11 04:30 | 0.00                         |
| 05/09/11 08:00 | 0.00                         |
| 05/09/11 09:00 | 0.00                         |
| 05/09/11 10:00 | 0.00                         |
| 05/09/11 10:15 | 0.00                         |
| 05/09/11 20:15 | 0.00                         |
| 05/09/11 20:30 | 0.00                         |
| 05/09/11 20:45 | 0.00                         |
| 05/09/11 21:30 | 0.00                         |
| 05/10/11 01:45 | 0.00                         |
| 05/10/11 13:30 | 0.00                         |
| 05/10/11 17:30 | 0.00                         |
| 05/10/11 20:45 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 05/10/11 21:45 | 0.40                         |
| 05/10/11 22:15 | 0.30                         |
| 05/11/11 03:15 | 0.00                         |
| 05/11/11 14:30 | 0.00                         |
| 05/11/11 14:45 | 0.00                         |
| 05/11/11 15:00 | 0.00                         |
| 05/11/11 15:15 | 0.00                         |
| 05/11/11 15:45 | 0.40                         |
| 05/11/11 16:30 | 0.10                         |
| 05/11/11 17:15 | 0.10                         |
| 05/11/11 18:45 | 0.10                         |
| 05/18/11 15:30 | 0.00                         |
| 05/18/11 17:15 | 0.00                         |
| 05/19/11 06:00 | 0.00                         |
| 05/20/11 09:45 | 0.10                         |
| 05/20/11 16:00 | 0.10                         |
| 05/20/11 16:30 | 0.40                         |
| 05/20/11 16:45 | 0.10                         |
| 05/20/11 20:00 | 0.10                         |
| 05/22/11 21:15 | 0.20                         |
| 05/23/11 00:30 | 0.00                         |
| 05/23/11 12:45 | 0.20                         |
| 05/23/11 13:30 | 0.00                         |
| 05/23/11 16:45 | 0.10                         |
| 05/24/11 16:30 | 0.10                         |
| 05/24/11 17:30 | 0.30                         |
| 05/24/11 17:45 | 0.10                         |
| 05/25/11 02:45 | 0.00                         |
| 05/25/11 05:00 | 0.00                         |
| 05/25/11 06:00 | 0.00                         |
| 05/25/11 07:30 | 0.10                         |
| 05/25/11 22:45 | 0.00                         |
| 05/27/11 07:45 | 0.10                         |
| 05/28/11 03:45 | 0.00                         |
| 05/29/11 00:45 | 0.00                         |
| 05/29/11 06:30 | 0.00                         |
| 05/30/11 06:15 | 0.00                         |
| 05/30/11 14:45 | 0.00                         |
| 05/31/11 03:15 | 0.00                         |
| 05/31/11 07:00 | 0.00                         |
| 05/31/11 08:15 | 0.00                         |
| 05/31/11 09:15 | 0.00                         |
| 05/31/11 12:00 | 0.00                         |
| 05/31/11 12:15 | 0.00                         |
| 07/01/11 00:15 | 0.00                         |
| 08/01/11 00:00 | 0.00                         |
| 08/01/11 00:15 | 0.00                         |
| 08/24/11 12:45 | 0.00                         |
| 08/24/11 13:15 | 0.00                         |
| 09/01/11 00:00 | 0.00                         |
| 09/01/11 00:15 | 0.00                         |
| 09/01/11 08:00 | 0.00                         |
| 09/01/11 09:15 | 0.00                         |
| 10/01/11 00:00 | 0.00                         |
| 10/01/11 00:15 | 0.00                         |
| 10/01/11 01:15 | 0.00                         |
| 10/01/11 08:00 | 0.00                         |
| 10/31/11 13:00 | 0.00                         |
| 10/31/11 13:15 | 0.00                         |
| 10/31/11 18:45 | 0.00                         |
| 11/01/11 00:00 | 0.00                         |
| 11/01/11 00:15 | 0.00                         |
| 11/01/11 01:15 | 0.00                         |
| 11/01/11 08:45 | 0.00                         |
| 11/01/11 09:00 | 0.00                         |
| 11/01/11 09:30 | 0.00                         |
| 11/02/11 12:45 | 0.00                         |
| 11/02/11 13:15 | 0.00                         |
| 11/07/11 20:00 | 0.00                         |
| 11/07/11 20:15 | 0.00                         |
| 11/08/11 15:45 | 0.00                         |
| 11/08/11 16:30 | 0.00                         |
| 11/08/11 18:00 | 0.00                         |
| 11/08/11 18:30 | 0.00                         |
| 11/08/11 20:45 | 0.00                         |
| 11/08/11 21:00 | 0.00                         |
| 11/08/11 22:30 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 11/09/11 01:15 | 0.00                         |
| 11/09/11 09:30 | 0.00                         |
| 11/09/11 12:45 | 0.00                         |
| 11/09/11 13:00 | 0.00                         |
| 11/09/11 13:15 | 0.00                         |
| 11/09/11 15:45 | 0.00                         |
| 11/09/11 16:00 | 0.00                         |
| 11/09/11 17:45 | 0.00                         |
| 11/09/11 20:30 | 0.00                         |
| 11/09/11 20:45 | 0.00                         |
| 11/09/11 21:30 | 0.00                         |
| 11/10/11 00:00 | 0.00                         |
| 11/10/11 01:15 | 0.00                         |
| 11/10/11 08:45 | 0.00                         |
| 11/10/11 09:00 | 0.00                         |
| 11/10/11 10:30 | 0.00                         |
| 11/10/11 11:30 | 0.00                         |
| 11/10/11 23:45 | 0.00                         |
| 11/11/11 01:45 | 0.00                         |
| 11/11/11 02:00 | 0.00                         |
| 11/11/11 02:30 | 0.00                         |
| 11/11/11 05:30 | 0.00                         |
| 11/11/11 12:30 | 0.00                         |
| 11/11/11 12:45 | 0.00                         |
| 11/11/11 13:30 | 0.00                         |
| 11/11/11 14:00 | 0.00                         |
| 11/11/11 14:15 | 0.00                         |
| 11/11/11 14:30 | 0.00                         |
| 11/11/11 17:00 | 0.00                         |
| 11/11/11 20:00 | 0.00                         |
| 11/11/11 21:45 | 0.00                         |
| 11/11/11 22:00 | 0.00                         |
| 11/11/11 23:15 | 0.00                         |
| 11/12/11 09:00 | 0.00                         |
| 11/12/11 09:15 | 0.00                         |
| 11/12/11 14:00 | 0.00                         |
| 11/12/11 15:00 | 0.00                         |
| 11/12/11 17:45 | 0.00                         |
| 11/13/11 08:00 | 0.00                         |
| 11/13/11 08:15 | 0.00                         |
| 11/13/11 09:00 | 0.00                         |
| 11/13/11 15:00 | 0.00                         |
| 11/13/11 17:45 | 0.00                         |
| 11/13/11 20:00 | 0.00                         |
| 11/13/11 20:15 | 0.00                         |
| 11/14/11 02:30 | 0.00                         |
| 11/14/11 12:00 | 0.00                         |
| 11/14/11 12:15 | 0.00                         |
| 11/14/11 13:45 | 0.00                         |
| 11/14/11 14:00 | 0.00                         |
| 11/14/11 14:15 | 0.00                         |
| 11/14/11 15:30 | 0.00                         |
| 11/14/11 16:30 | 0.00                         |
| 11/14/11 16:45 | 0.00                         |
| 11/14/11 17:15 | 0.00                         |
| 11/15/11 00:45 | 0.00                         |
| 11/15/11 01:00 | 0.00                         |
| 11/15/11 03:15 | 0.00                         |
| 11/15/11 10:45 | 0.00                         |
| 11/15/11 11:00 | 0.00                         |
| 11/15/11 14:45 | 0.00                         |
| 11/15/11 17:00 | 0.00                         |
| 11/15/11 17:15 | 0.00                         |
| 11/15/11 17:30 | 0.00                         |
| 11/15/11 22:00 | 0.00                         |
| 11/15/11 22:15 | 0.00                         |
| 11/15/11 22:30 | 0.00                         |
| 11/16/11 00:45 | 0.00                         |
| 11/16/11 05:30 | 0.00                         |
| 11/16/11 05:45 | 0.00                         |
| 11/16/11 06:45 | 0.00                         |
| 11/16/11 11:15 | 0.00                         |
| 11/16/11 15:00 | 0.00                         |
| 11/16/11 15:15 | 0.00                         |
| 11/17/11 00:30 | 0.00                         |
| 11/17/11 00:45 | 0.00                         |
| 11/17/11 05:00 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 11/17/11 09:00 | 0.00                         |
| 11/17/11 09:15 | 0.00                         |
| 11/17/11 10:30 | 0.00                         |
| 11/17/11 11:30 | 0.00                         |
| 11/17/11 13:00 | 0.00                         |
| 11/17/11 13:15 | 0.00                         |
| 11/17/11 13:45 | 0.00                         |
| 11/17/11 14:30 | 0.00                         |
| 11/17/11 15:15 | 0.00                         |
| 11/17/11 16:15 | 0.00                         |
| 11/17/11 17:45 | 0.00                         |
| 11/18/11 00:00 | 0.00                         |
| 11/18/11 00:15 | 0.00                         |
| 11/18/11 01:00 | 0.00                         |
| 11/18/11 02:15 | 0.00                         |
| 11/18/11 02:30 | 0.00                         |
| 11/18/11 06:45 | 0.00                         |
| 11/18/11 08:45 | 0.00                         |
| 11/18/11 13:45 | 0.00                         |
| 11/18/11 14:00 | 0.00                         |
| 11/18/11 14:15 | 0.00                         |
| 11/19/11 15:30 | 0.00                         |
| 11/19/11 15:45 | 0.00                         |
| 11/19/11 16:00 | 0.00                         |
| 11/19/11 17:15 | 0.00                         |
| 11/20/11 10:15 | 0.00                         |
| 11/20/11 13:00 | 0.00                         |
| 11/20/11 14:00 | 0.00                         |
| 11/20/11 14:15 | 0.00                         |
| 11/20/11 15:00 | 0.00                         |
| 11/20/11 15:15 | 0.00                         |
| 11/21/11 10:00 | 0.00                         |
| 11/21/11 10:15 | 0.00                         |
| 11/21/11 10:30 | 0.00                         |
| 11/21/11 13:00 | 0.00                         |
| 11/21/11 13:15 | 0.00                         |
| 11/21/11 13:30 | 0.00                         |
| 11/21/11 13:45 | 0.00                         |
| 11/21/11 16:15 | 0.00                         |
| 11/21/11 16:30 | 0.00                         |
| 11/21/11 21:45 | 0.00                         |
| 11/22/11 10:30 | 0.00                         |
| 11/22/11 10:45 | 0.00                         |
| 11/22/11 14:15 | 0.00                         |
| 11/22/11 15:15 | 0.00                         |
| 11/22/11 16:30 | 0.00                         |
| 11/22/11 16:45 | 0.00                         |
| 11/22/11 17:00 | 0.00                         |
| 11/22/11 22:45 | 0.00                         |
| 11/23/11 00:30 | 0.00                         |
| 11/23/11 00:45 | 0.00                         |
| 11/23/11 05:00 | 0.00                         |
| 11/23/11 10:00 | 0.00                         |
| 11/23/11 10:15 | 0.00                         |
| 11/23/11 12:00 | 0.00                         |
| 11/23/11 12:30 | 0.00                         |
| 11/23/11 15:30 | 0.00                         |
| 11/23/11 15:45 | 0.00                         |
| 11/23/11 16:15 | 0.00                         |
| 11/24/11 03:15 | 0.00                         |
| 11/24/11 03:30 | 0.00                         |
| 11/24/11 03:45 | 0.00                         |
| 11/24/11 04:00 | 0.00                         |
| 11/24/11 10:45 | 0.00                         |
| 11/24/11 11:00 | 0.00                         |
| 11/24/11 12:15 | 0.00                         |
| 11/24/11 13:45 | 0.00                         |
| 11/24/11 15:00 | 0.00                         |
| 11/24/11 15:15 | 0.00                         |
| 11/25/11 06:00 | 0.00                         |
| 11/25/11 09:30 | 0.00                         |
| 11/25/11 09:45 | 0.00                         |
| 11/25/11 11:00 | 0.00                         |
| 11/25/11 13:15 | 0.00                         |
| 11/25/11 16:15 | 0.00                         |
| 11/25/11 18:30 | 0.00                         |
| 11/25/11 22:15 | 0.00                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 11/25/11 22:30 | 0.00                         |
| 11/26/11 03:00 | 0.00                         |
| 11/26/11 08:45 | 0.00                         |
| 11/26/11 09:00 | 0.00                         |
| 11/26/11 09:45 | 0.00                         |
| 11/26/11 10:30 | 0.00                         |
| 11/26/11 11:30 | 0.00                         |
| 11/26/11 11:45 | 0.00                         |
| 11/26/11 20:45 | 0.00                         |
| 11/27/11 08:30 | 0.00                         |
| 11/27/11 08:45 | 0.00                         |
| 11/27/11 09:30 | 0.00                         |
| 11/27/11 17:30 | 0.00                         |
| 11/27/11 19:30 | 0.00                         |
| 11/27/11 20:15 | 0.00                         |
| 11/28/11 01:15 | 0.00                         |
| 11/28/11 01:30 | 0.00                         |
| 11/28/11 02:15 | 0.00                         |
| 11/28/11 03:15 | 0.00                         |
| 11/28/11 03:30 | 0.00                         |
| 11/28/11 04:15 | 0.00                         |
| 11/28/11 05:45 | 0.00                         |
| 11/28/11 06:00 | 0.00                         |
| 11/28/11 06:30 | 0.00                         |
| 11/28/11 08:45 | 0.00                         |
| 11/28/11 09:00 | 0.00                         |
| 11/28/11 10:00 | 0.00                         |
| 11/28/11 11:00 | 0.00                         |
| 11/28/11 11:45 | 0.00                         |
| 11/28/11 12:00 | 0.00                         |
| 11/28/11 12:15 | 0.00                         |
| 11/28/11 13:15 | 0.00                         |
| 11/28/11 13:30 | 0.00                         |
| 11/28/11 14:45 | 0.00                         |
| 11/29/11 01:45 | 0.00                         |
| 11/29/11 03:30 | 0.00                         |
| 11/29/11 03:45 | 0.00                         |
| 11/29/11 05:15 | 0.00                         |
| 11/29/11 08:30 | 0.00                         |
| 11/29/11 10:15 | 0.00                         |
| 11/29/11 10:30 | 0.00                         |
| 11/29/11 12:15 | 0.00                         |
| 11/29/11 19:30 | 0.00                         |
| 11/29/11 19:45 | 0.00                         |
| 11/29/11 21:45 | 0.00                         |
| 11/29/11 22:00 | 0.00                         |
| 11/29/11 23:15 | 0.00                         |
| 11/30/11 01:45 | 0.00                         |
| 11/30/11 02:00 | 0.00                         |
| 11/30/11 02:15 | 0.00                         |
| 11/30/11 03:45 | 0.00                         |
| 11/30/11 08:30 | 0.00                         |
| 11/30/11 08:45 | 0.00                         |
| 11/30/11 09:45 | 0.00                         |
| 11/30/11 15:00 | 0.00                         |
| 11/30/11 16:15 | 0.00                         |
| 11/30/11 22:45 | 0.00                         |
| 12/01/11 00:00 | 0.00                         |
| 12/01/11 00:15 | 0.00                         |
| 12/01/11 00:30 | 0.00                         |
| 12/01/11 03:15 | 0.00                         |
| 12/01/11 04:30 | 0.00                         |
| 12/01/11 05:45 | 0.00                         |
| 12/01/11 06:00 | 0.00                         |
| 12/01/11 07:15 | 0.00                         |
| 12/01/11 17:45 | 0.00                         |
| 12/01/11 18:00 | 0.00                         |
| 12/03/11 12:00 | 0.10                         |
| 12/03/11 14:15 | 0.10                         |
| 12/03/11 14:30 | 0.10                         |
| 12/03/11 16:15 | 0.10                         |
| 12/03/11 17:15 | 0.10                         |
| 12/03/11 18:00 | 0.10                         |
| 12/03/11 18:45 | 0.10                         |
| 12/04/11 00:30 | 0.10                         |
| 12/04/11 02:30 | 0.10                         |
| 12/04/11 03:30 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 12/04/11 03:45 | 0.10                         |
| 12/04/11 04:15 | 0.10                         |
| 12/04/11 04:30 | 0.10                         |
| 12/04/11 05:00 | 0.10                         |
| 12/04/11 07:30 | 0.10                         |
| 12/04/11 08:30 | 0.10                         |
| 12/04/11 10:15 | 0.10                         |
| 12/04/11 15:15 | 0.10                         |
| 12/04/11 19:30 | 0.10                         |
| 12/04/11 21:00 | 0.10                         |
| 12/04/11 22:30 | 0.10                         |
| 12/05/11 03:30 | 0.10                         |
| 12/05/11 04:00 | 0.10                         |
| 12/05/11 04:30 | 0.10                         |
| 12/05/11 05:00 | 0.10                         |
| 12/06/11 00:30 | 0.10                         |
| 12/14/11 13:30 | 0.10                         |
| 12/14/11 17:15 | 0.10                         |
| 12/14/11 18:15 | 0.20                         |
| 12/14/11 18:45 | 0.10                         |
| 12/15/11 12:45 | 0.10                         |
| 12/15/11 13:00 | 0.10                         |
| 12/15/11 13:45 | 0.10                         |
| 12/15/11 15:30 | 0.10                         |
| 12/15/11 19:15 | 0.10                         |
| 12/15/11 21:30 | 0.10                         |
| 12/16/11 20:30 | 0.10                         |
| 12/19/11 16:15 | 0.10                         |
| 12/19/11 16:30 | 0.30                         |
| 12/19/11 16:45 | 0.10                         |
| 12/19/11 17:15 | 0.10                         |
| 12/19/11 17:45 | 0.10                         |
| 01/01/12 00:00 | 0.00                         |
| 01/01/12 00:15 | 0.00                         |
| 01/05/12 00:15 | 0.00                         |
| 01/05/12 00:30 | 0.10                         |
| 01/09/12 00:15 | 0.10                         |
| 01/09/12 01:00 | 0.10                         |
| 01/09/12 01:30 | 0.10                         |
| 01/09/12 02:00 | 0.10                         |
| 01/09/12 02:45 | 0.10                         |
| 01/09/12 03:15 | 0.10                         |
| 01/09/12 04:15 | 0.10                         |
| 01/09/12 07:45 | 0.10                         |
| 01/09/12 12:30 | 0.10                         |
| 01/09/12 14:00 | 0.10                         |
| 01/09/12 21:45 | 0.10                         |
| 01/09/12 22:15 | 0.10                         |
| 01/10/12 01:15 | 0.10                         |
| 01/10/12 01:45 | 0.10                         |
| 01/10/12 03:45 | 0.10                         |
| 01/10/12 04:45 | 0.10                         |
| 01/10/12 14:45 | 0.10                         |
| 01/12/12 02:00 | 0.00                         |
| 01/12/12 02:15 | 0.10                         |
| 01/24/12 18:30 | 0.10                         |
| 01/24/12 19:45 | 0.10                         |
| 01/24/12 20:15 | 0.10                         |
| 01/24/12 20:45 | 0.10                         |
| 01/24/12 21:15 | 0.10                         |
| 01/24/12 23:00 | 0.10                         |
| 01/24/12 23:15 | 0.10                         |
| 01/25/12 00:30 | 0.20                         |
| 01/25/12 00:45 | 0.20                         |
| 01/25/12 01:00 | 0.30                         |
| 01/25/12 01:15 | 0.10                         |
| 01/25/12 01:45 | 0.10                         |
| 01/25/12 02:00 | 0.30                         |
| 01/25/12 02:15 | 0.20                         |
| 01/25/12 02:45 | 0.10                         |
| 01/25/12 03:15 | 0.20                         |
| 01/25/12 03:30 | 0.10                         |
| 01/25/12 03:45 | 0.10                         |
| 01/25/12 04:00 | 0.10                         |
| 01/25/12 04:30 | 0.10                         |
| 01/25/12 05:00 | 0.10                         |
| 01/25/12 05:15 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 01/25/12 05:30 | 0.10                         |
| 01/25/12 05:45 | 0.10                         |
| 01/25/12 06:00 | 0.10                         |
| 01/25/12 06:15 | 0.10                         |
| 01/25/12 06:45 | 0.10                         |
| 01/25/12 07:00 | 0.10                         |
| 01/25/12 07:15 | 0.10                         |
| 01/25/12 07:30 | 0.10                         |
| 01/25/12 08:00 | 0.10                         |
| 01/25/12 08:15 | 0.10                         |
| 01/25/12 08:30 | 0.10                         |
| 01/25/12 08:45 | 0.10                         |
| 01/25/12 09:00 | 0.10                         |
| 01/25/12 09:30 | 0.10                         |
| 01/26/12 04:30 | 0.10                         |
| 01/26/12 06:45 | 0.10                         |
| 01/31/12 23:45 | 0.00                         |
| 02/01/12 00:00 | 0.00                         |
| 02/01/12 00:15 | 0.00                         |
| 02/01/12 08:30 | 0.00                         |
| 02/27/12 08:30 | 0.00                         |
| 02/27/12 08:45 | 0.00                         |
| 02/29/12 18:00 | 0.00                         |
| 02/29/12 23:45 | 0.00                         |
| 03/01/12 00:00 | 0.00                         |
| 03/01/12 00:15 | 0.00                         |
| 03/02/12 21:30 | 0.00                         |
| 03/02/12 21:45 | 0.10                         |
| 03/08/12 12:45 | 0.10                         |
| 03/10/12 13:00 | 0.10                         |
| 03/10/12 13:30 | 0.10                         |
| 03/10/12 13:45 | 0.10                         |
| 03/10/12 15:00 | 0.10                         |
| 03/10/12 15:30 | 0.10                         |
| 03/10/12 15:45 | 0.10                         |
| 03/10/12 16:45 | 0.10                         |
| 03/10/12 17:45 | 0.10                         |
| 03/10/12 18:30 | 0.10                         |
| 03/10/12 20:15 | 0.10                         |
| 03/10/12 23:00 | 0.10                         |
| 03/11/12 02:00 | 0.00                         |
| 03/11/12 03:00 | 0.00                         |
| 03/11/12 03:15 | 0.00                         |
| 03/11/12 05:00 | 0.10                         |
| 03/11/12 07:15 | 0.10                         |
| 03/19/12 17:30 | 0.30                         |
| 03/19/12 17:45 | 0.20                         |
| 03/19/12 18:00 | 0.20                         |
| 03/19/12 18:15 | 0.20                         |
| 03/19/12 18:30 | 0.10                         |
| 03/19/12 19:00 | 0.10                         |
| 03/19/12 19:30 | 0.10                         |
| 03/19/12 19:45 | 0.10                         |
| 03/19/12 20:30 | 0.10                         |
| 03/19/12 21:00 | 0.10                         |
| 03/19/12 21:15 | 0.10                         |
| 03/19/12 22:00 | 0.10                         |
| 03/19/12 22:30 | 0.10                         |
| 03/19/12 22:45 | 0.10                         |
| 03/19/12 23:00 | 0.10                         |
| 03/19/12 23:15 | 0.10                         |
| 03/19/12 23:45 | 0.10                         |
| 03/20/12 00:45 | 0.10                         |
| 03/20/12 01:00 | 0.10                         |
| 03/20/12 01:30 | 0.10                         |
| 03/20/12 01:45 | 0.10                         |
| 03/20/12 02:00 | 0.10                         |
| 03/20/12 02:30 | 0.10                         |
| 03/20/12 02:45 | 0.10                         |
| 03/20/12 03:00 | 0.10                         |
| 03/20/12 03:30 | 0.10                         |
| 03/20/12 03:45 | 0.10                         |
| 03/20/12 04:00 | 0.10                         |
| 03/20/12 04:15 | 0.10                         |
| 03/20/12 04:45 | 0.10                         |
| 03/20/12 05:00 | 0.10                         |
| 03/20/12 05:30 | 0.10                         |

| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 03/20/12 05:45 | 0.10                         |
| 03/20/12 06:00 | 0.10                         |
| 03/20/12 06:15 | 0.10                         |
| 03/20/12 06:45 | 0.10                         |
| 03/20/12 07:15 | 0.10                         |
| 03/20/12 07:45 | 0.10                         |
| 03/20/12 08:30 | 0.10                         |
| 03/22/12 02:45 | 0.10                         |
| 03/22/12 07:45 | 0.10                         |
| 04/01/12 00:00 | 0.00                         |
| 04/01/12 00:15 | 0.00                         |
| 04/03/12 13:15 | 0.00                         |
| 04/03/12 13:30 | 0.20                         |
| 04/03/12 14:00 | 0.50                         |
| 04/03/12 14:15 | 0.30                         |
| 04/08/12 10:30 | 0.10                         |
| 04/08/12 11:00 | 0.10                         |
| 04/08/12 11:45 | 0.10                         |
| 04/08/12 12:00 | 0.20                         |
| 04/08/12 12:15 | 0.10                         |
| 04/08/12 13:15 | 0.10                         |
| 04/08/12 13:30 | 0.10                         |
| 04/08/12 14:00 | 0.10                         |
| 04/08/12 15:00 | 0.10                         |
| 04/15/12 07:00 | 0.30                         |
| 04/15/12 07:15 | 0.30                         |
| 04/15/12 07:30 | 0.10                         |
| 04/15/12 08:00 | 0.10                         |
| 04/15/12 08:15 | 0.20                         |
| 04/20/12 23:45 | 0.10                         |
| 05/01/12 00:00 | 0.00                         |
| 05/01/12 00:15 | 0.00                         |
| 05/09/12 01:15 | 0.00                         |
| 05/10/12 01:00 | 0.00                         |
| 05/11/12 00:00 | 0.00                         |
| 05/11/12 03:00 | 0.10                         |
| 05/11/12 09:30 | 0.10                         |
| 05/11/12 11:45 | 0.10                         |
| 05/11/12 19:00 | 0.10                         |
| 05/11/12 19:30 | 0.10                         |
| 05/11/12 20:30 | 0.10                         |
| 05/28/12 22:15 | 0.00                         |
| 05/28/12 22:30 | 0.10                         |
| 05/28/12 23:15 | 0.10                         |
| 05/30/12 08:00 | 0.20                         |
| 05/30/12 08:15 | 0.20                         |
| 05/30/12 08:45 | 0.30                         |
| 05/30/12 09:00 | 0.50                         |
| 05/30/12 10:45 | 0.10                         |
| 05/30/12 11:00 | 0.10                         |
| 05/30/12 22:15 | 0.10                         |
| 05/30/12 22:30 | 0.20                         |
| 05/30/12 22:45 | 0.10                         |
| 05/31/12 02:00 | 0.10                         |
| 05/31/12 05:00 | 0.10                         |
| 05/31/12 23:45 | 0.00                         |
| 06/01/12 00:00 | 0.00                         |
| 06/01/12 00:15 | 0.00                         |
| 06/05/12 04:30 | 0.00                         |
| 06/05/12 04:45 | 0.30                         |
| 06/06/12 15:00 | 0.20                         |
| 06/06/12 15:15 | 0.20                         |
| 06/06/12 15:30 | 0.20                         |
| 06/06/12 16:15 | 0.10                         |
| 06/06/12 17:30 | 0.10                         |
| 06/06/12 18:15 | 0.10                         |
| 06/06/12 19:00 | 0.10                         |
| 06/06/12 20:30 | 0.20                         |
| 06/07/12 02:45 | 0.10                         |
| 06/07/12 08:45 | 0.10                         |
| 06/07/12 10:45 | 0.10                         |
| 06/15/12 04:30 | 0.10                         |
| 06/15/12 04:45 | 0.10                         |
| 06/15/12 05:30 | 0.10                         |
| 06/30/12 23:45 | 0.00                         |
| 07/01/12 00:00 | 0.00                         |
| 07/01/12 00:15 | 0.00                         |



| DATE           | Precipitation Depth (inches) |
|----------------|------------------------------|
| 07/11/12 00:00 | 0.00                         |
| 08/01/12 00:00 | 0.00                         |
| 08/01/12 00:15 | 0.00                         |
| 08/03/12 06:00 | 0.00                         |
| 08/14/12 21:45 | 0.10                         |
| 08/14/12 22:00 | 0.10                         |
| 08/14/12 22:15 | 0.10                         |
| 08/14/12 22:30 | 0.10                         |
| 08/14/12 22:45 | 0.20                         |
| 08/14/12 23:15 | 0.20                         |
| 08/14/12 23:45 | 0.10                         |
| 08/15/12 00:15 | 0.10                         |
| 08/15/12 00:30 | 0.10                         |
| 08/15/12 01:00 | 0.60                         |
| 08/15/12 01:15 | 0.60                         |
| 08/15/12 01:30 | 0.20                         |
| 08/15/12 02:15 | 0.20                         |
| 08/15/12 02:45 | 0.10                         |
| 08/18/12 16:30 | 0.00                         |
| 08/18/12 16:45 | 0.10                         |
| 08/18/12 17:30 | 0.20                         |
| 08/18/12 18:45 | 0.10                         |
| 08/21/12 06:00 | 0.10                         |
| 08/27/12 00:15 | 0.00                         |
| 08/30/12 00:00 | 0.00                         |
| 08/30/12 11:45 | 0.00                         |
| 08/31/12 23:45 | 0.00                         |
| 09/01/12 00:00 | 0.00                         |
| 09/01/12 00:15 | 0.00                         |
| 09/08/12 03:30 | 0.00                         |
| 09/14/12 11:00 | 0.10                         |
| 09/16/12 07:00 | 0.10                         |
| 09/28/12 16:00 | 0.10                         |
| 09/29/12 05:30 | 0.10                         |
| 09/29/12 12:15 | 0.10                         |
| 09/29/12 12:45 | 0.10                         |
| 09/29/12 13:00 | 0.10                         |
| 09/29/12 13:30 | 0.10                         |
| 09/29/12 14:00 | 0.10                         |
| 09/29/12 14:30 | 0.10                         |
| 09/29/12 15:30 | 0.10                         |
| 09/29/12 16:00 | 0.10                         |
| 09/29/12 16:15 | 0.10                         |
| 09/29/12 16:45 | 0.10                         |
| 09/29/12 17:30 | 0.10                         |
| 09/29/12 18:30 | 0.10                         |
| 09/29/12 22:45 | 0.10                         |
| 09/30/12 23:45 | 0.00                         |
| 10/01/12 00:00 | 0.00                         |
| 10/01/12 00:15 | 0.00                         |
| 10/13/12 23:30 | 0.00                         |
| 10/13/12 23:45 | 0.40                         |
| 10/14/12 00:00 | 0.20                         |
| 10/31/12 23:45 | 0.00                         |
| 11/01/12 00:00 | 0.00                         |
| 11/01/12 00:15 | 0.00                         |
| 11/11/12 20:00 | 0.00                         |

| Collin County Monthly Lake Surface Evaporation in Inches |       |      |      |      |      |      |       |       |      |      |      |      |
|--|-------|------|------|------|------|------|-------|-------|------|------|------|------|
| YEAR   | MONTH |      |      |      |      |      |       |       |      |      |      |      |
|  | JAN   | FEB  | MAR  | APR  | MAY  | JUN  | JUL   | AUG   | SEP  | OCT  | NOV  | DEC  |
| 1954   | 1.23  | 4.22 | 4.94 | 5.55 | 4.06 | 6.96 | 9.25  | 10.61 | 7.37 | 4.25 | 2.99 | 2.44 |
| 1955   | 1.74  | 1.84 | 4.02 | 4.47 | 5.18 | 6.97 | 8.09  | 7.28  | 6.47 | 6.00 | 4.32 | 2.42 |
| 1956   | 2.08  | 2.20 | 4.85 | 5.78 | 6.13 | 8.44 | 9.43  | 11.14 | 8.82 | 5.43 | 3.36 | 2.63 |
| 1957   | 1.85  | 1.79 | 2.73 | 2.78 | 3.20 | 6.03 | 8.17  | 7.21  | 5.42 | 3.63 | 1.76 | 2.31 |
| 1958   | 1.40  | 1.56 | 2.37 | 3.49 | 4.18 | 6.56 | 8.50  | 6.81  | 4.54 | 3.57 | 3.17 | 1.69 |
| 1959   | 1.31  | 2.06 | 4.78 | 4.66 | 4.97 | 5.64 | 5.84  | 6.56  | 5.63 | 4.25 | 2.14 | 2.02 |
| 1960   | 1.42  | 1.93 | 2.86 | 4.33 | 5.13 | 6.79 | 6.50  | 6.26  | 5.10 | 3.48 | 2.60 | 1.32 |
| 1961   | 1.34  | 1.79 | 3.92 | 4.92 | 4.72 | 6.09 | 6.27  | 6.50  | 5.57 | 3.96 | 2.47 | 1.56 |
| 1962   | 1.61  | 2.61 | 3.72 | 4.00 | 6.09 | 5.03 | 6.30  | 6.91  | 4.67 | 4.17 | 2.31 | 1.47 |
| 1963   | 1.62  | 2.02 | 5.03 | 4.84 | 4.82 | 6.69 | 6.69  | 7.69  | 5.39 | 5.99 | 3.47 | 1.70 |
| 1964   | 1.91  | 2.14 | 3.92 | 4.61 | 4.75 | 6.81 | 9.36  | 7.83  | 4.17 | 4.45 | 2.55 | 2.25 |
| 1965   | 2.14  | 1.74 | 2.96 | 5.38 | 4.20 | 5.58 | 8.18  | 7.89  | 6.87 | 4.14 | 2.46 | 2.00 |
| 1966   | 1.48  | 1.48 | 4.70 | 4.47 | 4.32 | 5.81 | 7.55  | 5.78  | 4.18 | 4.55 | 3.55 | 1.77 |
| 1967   | 2.78  | 3.03 | 5.65 | 3.87 | 4.80 | 6.46 | 6.51  | 7.74  | 3.72 | 5.25 | 2.54 | 1.81 |
| 1968   | 1.11  | 1.80 | 3.45 | 4.12 | 4.10 | 5.70 | 6.21  | 7.16  | 4.98 | 4.36 | 3.08 | 2.43 |
| 1969   | 2.02  | 2.18 | 3.18 | 4.28 | 3.92 | 7.22 | 8.16  | 6.48  | 5.17 | 4.26 | 2.99 | 2.01 |
| 1970   | 0.92  | 2.64 | 2.76 | 3.90 | 4.95 | 5.46 | 7.50  | 7.31  | 4.92 | 3.49 | 3.41 | 2.74 |
| 1971   | 2.23  | 2.67 | 5.16 | 5.79 | 5.15 | 7.55 | 8.15  | 5.19  | 5.40 | 3.71 | 3.24 | 1.57 |
| 1972   | 1.72  | 2.80 | 4.35 | 5.48 | 5.19 | 7.13 | 8.45  | 5.80  | 5.53 | 4.60 | 2.36 | 1.63 |
| 1973   | 1.25  | 1.90 | 4.23 | 3.48 | 5.14 | 5.23 | 6.49  | 7.02  | 4.41 | 3.49 | 3.01 | 2.70 |
| 1974   | 1.53  | 3.65 | 4.56 | 5.84 | 5.61 | 6.73 | 8.17  | 6.19  | 3.22 | 3.89 | 2.75 | 1.41 |
| 1975   | 2.23  | 2.03 | 3.16 | 4.54 | 3.72 | 6.12 | 6.53  | 6.58  | 5.00 | 5.08 | 3.96 | 2.20 |
| 1976   | 3.17  | 3.83 | 3.68 | 4.15 | 3.98 | 5.68 | 6.12  | 6.73  | 5.39 | 3.75 | 2.40 | 2.74 |
| 1977   | 1.43  | 2.80 | 4.67 | 4.98 | 5.15 | 7.09 | 8.58  | 6.42  | 6.03 | 4.74 | 3.27 | 3.74 |
| 1978   | 1.40  | 1.42 | 3.35 | 5.30 | 5.02 | 7.05 | 9.60  | 7.83  | 5.52 | 4.71 | 2.54 | 2.52 |
| 1979   | 2.29  | 1.43 | 3.69 | 4.01 | 4.98 | 6.80 | 6.83  | 6.52  | 5.43 | 5.83 | 3.18 | 2.17 |
| 1980   | 2.16  | 2.77 | 4.05 | 5.10 | 4.74 | 8.25 | 10.47 | 9.92  | 7.43 | 5.21 | 2.82 | 2.12 |
| 1981   | 2.06  | 2.00 | 3.97 | 4.83 | 4.37 | 6.17 | 7.77  | 7.08  | 5.54 | 3.97 | 3.12 | 2.72 |
| 1982   | 2.40  | 1.92 | 3.44 | 3.99 | 3.97 | 5.23 | 6.79  | 7.35  | 5.81 | 4.27 | 2.81 | 1.67 |
| 1983   | 1.95  | 1.71 | 3.46 | 4.13 | 4.33 | 5.27 | 7.10  | 6.69  | 6.29 | 4.42 | 3.35 | 1.76 |
| 1984   | 1.59  | 3.02 | 3.51 | 4.90 | 5.36 | 6.62 | 7.57  | 7.55  | 6.85 | 3.71 | 3.33 | 1.56 |
| 1985   | 1.50  | 1.25 | 3.62 | 4.67 | 4.86 | 6.82 | 7.32  | 8.48  | 6.72 | 3.82 | 2.75 | 1.61 |
| 1986   | 2.81  | 2.45 | 4.81 | 4.02 | 3.94 | 5.76 | 8.92  | 7.53  | 5.11 | 3.09 | 1.87 | 1.37 |
| 1987   | 2.35  | 2.25 | 2.94 | 5.37 | 4.19 | 5.86 | 6.83  | 7.98  | 4.95 | 4.64 | 3.03 | 1.40 |
| 1988   | 2.14  | 2.32 | 3.50 | 5.10 | 5.79 | 7.42 | 7.19  | 7.77  | 5.05 | 4.41 | 3.60 | 2.09 |
| 1989   | 2.24  | 2.36 | 3.82 | 5.23 | 5.07 | 5.13 | 5.66  | 6.20  | 5.12 | 5.60 | 3.62 | 3.25 |
| 1990   | 2.95  | 2.46 | 2.97 | 3.61 | 4.36 | 7.06 | 7.67  | 6.67  | 5.23 | 4.21 | 3.27 | 1.65 |
| 1991   | 1.94  | 2.34 | 4.36 | 3.88 | 4.59 | 6.36 | 8.08  | 6.55  | 4.82 | 5.43 | 3.17 | 3.60 |
| 1992   | 2.37  | 2.26 | 4.06 | 4.15 | 3.90 | 5.24 | 6.99  | 5.62  | 4.72 | 4.89 | 2.80 | 1.93 |
| 1993   | 1.68  | 1.89 | 3.23 | 4.33 | 4.45 | 5.76 | 10.39 | 8.91  | 6.62 | 4.80 | 2.76 | 2.33 |
| 1994   | 2.25  | 1.72 | 3.66 | 4.37 | 3.99 | 6.44 | 7.57  | 7.33  | 5.51 | 4.48 | 2.92 | 1.57 |
| 1995   | 1.94  | 2.45 | 2.50 | 4.07 | 3.91 | 5.62 | 6.57  | 6.92  | 4.72 | 5.52 | 3.60 | 1.86 |
| 1996   | 2.77  | 5.29 | 4.06 | 5.42 | 5.94 | 6.34 | 7.11  | 4.81  | 3.89 | 5.27 | 3.62 | 3.13 |
| 1997   | 2.44  | 2.11 | 3.70 | 4.33 | 4.63 | 5.62 | 6.76  | 6.51  | 6.00 | 4.13 | 2.55 | 2.84 |

| Collin County Monthly Lake Surface Evaporation in Inches |       |      |      |      |      |      |      |      |      |      |      |      |
|--|-------|------|------|------|------|------|------|------|------|------|------|------|
| YEAR   | MONTH |      |      |      |      |      |      |      |      |      |      |      |
|  | JAN   | FEB  | MAR  | APR  | MAY  | JUN  | JUL  | AUG  | SEP  | OCT  | NOV  | DEC  |
| 1998   | 1.40  | 1.79 | 3.00 | 5.26 | 5.26 | 7.94 | 8.54 | 7.40 | 5.78 | 4.01 | 2.16 | 1.37 |
| 1999   | 1.91  | 2.31 | 3.81 | 4.57 | 4.69 | 6.37 | 7.62 | 7.17 | 5.45 | 4.46 | 2.96 | 2.11 |
| 2000   | 4.08  | 4.70 | 4.43 | 5.62 | 6.59 | 5.39 | 7.96 | 7.84 | 7.78 | 4.42 | 3.28 | 2.65 |
| 2001   | 2.14  | 1.92 | 2.76 | 3.75 | 4.40 | 5.89 | 7.74 | 6.70 | 3.85 | 4.01 | 2.85 | 2.13 |
| 2002   | 2.10  | 2.92 | 3.20 | 3.99 | 4.06 | 5.83 | 5.56 | 6.33 | 5.11 | 3.16 | 2.48 | 2.53 |
| 2003   | 2.03  | 2.14 | 3.41 | 5.08 | 4.30 | 5.20 | 7.06 | 6.43 | 4.23 | 3.95 | 3.63 | 2.97 |
| 2004   | 2.10  | 2.14 | 4.00 | 4.00 | 4.57 | 4.50 | 6.06 | 5.87 | 5.22 | 3.60 | 2.24 | 2.70 |
| 2005   | 2.11  | 2.30 | 3.90 | 4.49 | 4.28 | 6.42 | 5.88 | 6.46 | 6.31 | 4.58 | 4.06 | 3.15 |
| 2006   | 4.30  | 2.98 | 4.47 | 4.89 | 5.45 | 6.64 | 8.49 | 8.34 | 5.58 | 4.71 | 3.17 | 2.79 |
| 2007   | 2.78  | 2.69 | 3.93 | 3.69 | 3.83 | 5.05 | 4.74 | 5.99 | 4.42 | 4.06 | 3.96 | 2.26 |
| 2008   | 2.47  | 3.03 | 4.01 | 4.66 | 4.77 | 6.76 | 7.85 | 5.84 | 4.49 | 4.28 | 3.86 | 2.81 |
| 2009   | 2.31  | 3.34 | 4.40 | 4.72 | 3.62 | 6.18 | 6.75 | 6.55 | 4.19 | 3.57 | 3.07 | 1.83 |
| 2010   | 2.32  | 2.88 | 3.88 | 4.64 | 4.98 | 6.38 | 6.45 | 7.48 | 4.94 | 3.62 | 2.93 | 3.30 |
| 2011   | 1.84  | 2.41 | 4.23 | 6.12 | 5.09 | 7.10 | 7.86 | 8.71 | 6.70 | 4.73 | 4.08 | 3.75 |
| 2012   | 1.99  | 2.20 | 3.07 | 3.81 | 5.30 | 6.19 | 6.22 | 7.19 | 6.11 | 4.13 | 3.86 | 2.53 |
| 2013   | 2.51  | 2.95 | 4.34 | 4.61 | 4.67 | 7.25 | 6.53 | 7.08 | 6.30 | 2.70 | 2.85 | 2.15 |
| 2014   | 1.64  | 2.20 | 2.08 | 5.17 | 5.73 | 5.88 | 6.44 | 7.14 | 5.79 | 4.77 | 3.35 | 1.94 |
|  |       |      |      |      |      |      |      |      |      |      |      |      |
| AVG  | 2.05  | 2.41 | 3.79 | 4.58 | 4.71 | 6.29 | 7.41 | 7.11 | 5.44 | 4.36 | 3.04 | 2.24 |

<http://midgewater.twdb.texas.gov/evaporation/quadrangle/411/evaporation-tabular.txt>

| Subbasin | Percent Soil Storage Initially Filled in the Existing Condition |      |      |      |      |      |      |      |
|----------|---|------|------|------|------|------|------|------|
|          | Final Saturation Fraction of the Specified Year                 |      |      |      |      |      |      |      |
|          | 1983  | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 |
| 1        | 0.15  | 0.30 | 0.41 | 0.35 | 0.10 | 0.28 | 0.09 | 0.47 |
| 2        | 0.16  | 0.36 | 0.50 | 0.42 | 0.10 | 0.31 | 0.10 | 0.56 |
| 3        | 0.16  | 0.45 | 0.60 | 0.50 | 0.11 | 0.35 | 0.11 | 0.67 |
| 4        | 0.16  | 0.47 | 0.61 | 0.51 | 0.11 | 0.36 | 0.11 | 0.69 |
| 5        | 0.15  | 0.29 | 0.39 | 0.34 | 0.10 | 0.27 | 0.08 | 0.45 |
| 6        | 0.12  | 0.26 | 0.24 | 0.28 | 0.09 | 0.25 | 0.07 | 0.30 |
| 7        | 0.15  | 0.32 | 0.45 | 0.38 | 0.10 | 0.29 | 0.09 | 0.51 |
| 8        | 0.15  | 0.31 | 0.43 | 0.36 | 0.10 | 0.28 | 0.09 | 0.48 |
| 9        | 0.10  | 0.24 | 0.19 | 0.24 | 0.08 | 0.23 | 0.06 | 0.24 |
| 10       | 0.16  | 0.34 | 0.49 | 0.41 | 0.10 | 0.30 | 0.10 | 0.55 |
| 11       | 0.10  | 0.26 | 0.24 | 0.28 | 0.09 | 0.25 | 0.06 | 0.30 |
| 12       | 0.16  | 0.64 | 0.69 | 0.64 | 0.10 | 0.45 | 0.14 | 0.81 |
| 13       | 0.15  | 0.30 | 0.41 | 0.35 | 0.10 | 0.28 | 0.09 | 0.47 |
| 14       | 0.13  | 0.56 | 0.66 | 0.57 | 0.11 | 0.40 | 0.12 | 0.75 |
| 15       | 0.17  | 0.27 | 0.28 | 0.30 | 0.09 | 0.25 | 0.07 | 0.34 |
| 16       | 0.17  | 0.63 | 0.73 | 0.61 | 0.12 | 0.44 | 0.12 | 0.82 |
| 17       | 0.17  | 0.60 | 0.70 | 0.59 | 0.11 | 0.42 | 0.12 | 0.79 |
| 18       | 0.17  | 0.84 | 0.72 | 0.79 | 0.11 | 0.61 | 0.17 | 0.91 |
| 19       | 0.16  | 0.48 | 0.61 | 0.52 | 0.10 | 0.36 | 0.12 | 0.69 |
| 20       | 0.18  | 0.73 | 0.80 | 0.64 | 0.14 | 0.51 | 0.13 | 0.89 |
| 21       | 0.17  | 0.73 | 0.78 | 0.66 | 0.13 | 0.51 | 0.13 | 0.89 |
| 22       | 0.16  | 0.88 | 0.65 | 0.82 | 0.10 | 0.68 | 0.20 | 0.91 |
| 23       | 0.17  | 0.74 | 0.77 | 0.68 | 0.13 | 0.51 | 0.13 | 0.89 |
| 24       | 0.16  | 0.97 | 0.49 | 0.77 | 0.07 | 0.92 | 0.33 | 0.93 |
| 25       | 0.18  | 0.76 | 0.78 | 0.69 | 0.13 | 0.52 | 0.14 | 0.91 |
| 26       | 0.17  | 0.77 | 0.76 | 0.71 | 0.12 | 0.54 | 0.14 | 0.90 |
| 27       | 0.16  | 0.51 | 0.65 | 0.54 | 0.11 | 0.37 | 0.11 | 0.72 |
| 28       | 0.17  | 0.61 | 0.75 | 0.58 | 0.13 | 0.43 | 0.12 | 0.81 |

| Subbasin | Percent Soil Storage Initially Filled in the Existing Condition |      |      |      |      |      |      |      |
|----------|---|------|------|------|------|------|------|------|
|          | Final Saturation Fraction of the Specified Year                 |      |      |      |      |      |      |      |
|          | 1991  | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 |
| 1        | 0.59  | 0.53 | 0.33 | 0.43 | 0.26 | 0.22 | 0.61 | 0.78 |
| 2        | 0.68  | 0.60 | 0.43 | 0.52 | 0.29 | 0.30 | 0.72 | 0.85 |
| 3        | 0.79  | 0.70 | 0.54 | 0.63 | 0.35 | 0.40 | 0.82 | 0.89 |
| 4        | 0.81  | 0.72 | 0.55 | 0.64 | 0.35 | 0.41 | 0.83 | 0.89 |
| 5        | 0.58  | 0.51 | 0.30 | 0.42 | 0.25 | 0.21 | 0.59 | 0.76 |
| 6        | 0.45  | 0.40 | 0.20 | 0.34 | 0.21 | 0.17 | 0.42 | 0.60 |
| 7        | 0.64  | 0.56 | 0.37 | 0.47 | 0.27 | 0.25 | 0.66 | 0.82 |
| 8        | 0.61  | 0.54 | 0.35 | 0.45 | 0.26 | 0.23 | 0.64 | 0.80 |
| 9        | 0.36  | 0.31 | 0.19 | 0.29 | 0.18 | 0.16 | 0.32 | 0.47 |
| 10       | 0.67  | 0.59 | 0.41 | 0.51 | 0.29 | 0.28 | 0.71 | 0.84 |
| 11       | 0.45  | 0.40 | 0.20 | 0.34 | 0.22 | 0.17 | 0.43 | 0.60 |
| 12       | 0.91  | 0.85 | 0.67 | 0.80 | 0.45 | 0.54 | 0.92 | 0.89 |
| 13       | 0.59  | 0.53 | 0.33 | 0.44 | 0.26 | 0.22 | 0.62 | 0.78 |
| 14       | 0.87  | 0.79 | 0.62 | 0.72 | 0.39 | 0.48 | 0.89 | 0.89 |
| 15       | 0.48  | 0.43 | 0.21 | 0.35 | 0.23 | 0.18 | 0.46 | 0.64 |
| 16       | 0.92  | 0.85 | 0.71 | 0.77 | 0.42 | 0.58 | 0.93 | 0.90 |
| 17       | 0.90  | 0.82 | 0.67 | 0.74 | 0.40 | 0.54 | 0.91 | 0.90 |
| 18       | 0.94  | 0.91 | 0.76 | 0.95 | 0.54 | 0.64 | 0.93 | 0.88 |
| 19       | 0.81  | 0.73 | 0.55 | 0.65 | 0.36 | 0.41 | 0.84 | 0.89 |
| 20       | 0.95  | 0.92 | 0.82 | 0.75 | 0.41 | 0.71 | 0.95 | 0.92 |
| 21       | 0.95  | 0.91 | 0.79 | 0.81 | 0.43 | 0.68 | 0.95 | 0.91 |
| 22       | 0.92  | 0.89 | 0.72 | 0.99 | 0.64 | 0.56 | 0.92 | 0.85 |
| 23       | 0.95  | 0.91 | 0.78 | 0.84 | 0.44 | 0.67 | 0.94 | 0.91 |
| 24       | 0.91  | 0.96 | 0.67 | 1.00 | 0.87 | 0.35 | 0.88 | 0.78 |
| 25       | 0.95  | 0.92 | 0.80 | 0.84 | 0.44 | 0.69 | 0.95 | 0.91 |
| 26       | 0.95  | 0.92 | 0.79 | 0.87 | 0.46 | 0.68 | 0.94 | 0.90 |
| 27       | 0.84  | 0.75 | 0.60 | 0.67 | 0.36 | 0.46 | 0.86 | 0.90 |
| 28       | 0.92  | 0.84 | 0.73 | 0.72 | 0.38 | 0.60 | 0.93 | 0.92 |

| Subbasin | Percent Soil Storage Initially Filled in the Existing Condition |      |      |      |      |      |      |      |
|----------|---|------|------|------|------|------|------|------|
|          | Final Saturation Fraction of the Specified Year                 |      |      |      |      |      |      |      |
|          | 1999  | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
| 1        | 0.20  | 0.55 | 0.33 | 0.14 | 0.16 | 0.16 | 0.07 | 0.40 |
| 2        | 0.23  | 0.66 | 0.39 | 0.15 | 0.17 | 0.17 | 0.07 | 0.46 |
| 3        | 0.28  | 0.77 | 0.48 | 0.15 | 0.19 | 0.19 | 0.07 | 0.57 |
| 4        | 0.29  | 0.78 | 0.49 | 0.16 | 0.19 | 0.19 | 0.08 | 0.59 |
| 5        | 0.20  | 0.54 | 0.31 | 0.14 | 0.16 | 0.16 | 0.06 | 0.39 |
| 6        | 0.16  | 0.36 | 0.22 | 0.11 | 0.14 | 0.14 | 0.05 | 0.30 |
| 7        | 0.21  | 0.60 | 0.35 | 0.14 | 0.17 | 0.17 | 0.07 | 0.26 |
| 8        | 0.21  | 0.58 | 0.34 | 0.14 | 0.16 | 0.17 | 0.07 | 0.41 |
| 9        | 0.14  | 0.29 | 0.19 | 0.09 | 0.13 | 0.13 | 0.05 | 0.26 |
| 10       | 0.23  | 0.65 | 0.39 | 0.15 | 0.17 | 0.17 | 0.07 | 0.45 |
| 11       | 0.16  | 0.37 | 0.22 | 0.11 | 0.14 | 0.14 | 0.05 | 0.31 |
| 12       | 0.36  | 0.90 | 0.61 | 0.16 | 0.26 | 0.23 | 0.08 | 0.78 |
| 13       | 0.20  | 0.55 | 0.33 | 0.14 | 0.16 | 0.16 | 0.07 | 0.39 |
| 14       | 0.32  | 0.85 | 0.55 | 0.16 | 0.22 | 0.21 | 0.08 | 0.69 |
| 15       | 0.17  | 0.40 | 0.24 | 0.12 | 0.14 | 0.15 | 0.06 | 0.33 |
| 16       | 0.35  | 0.90 | 0.61 | 0.16 | 0.28 | 0.25 | 0.08 | 0.80 |
| 17       | 0.34  | 0.88 | 0.58 | 0.16 | 0.26 | 0.23 | 0.08 | 0.75 |
| 18       | 0.44  | 0.96 | 0.74 | 0.17 | 0.28 | 0.35 | 0.08 | 0.95 |
| 19       | 0.29  | 0.79 | 0.50 | 0.16 | 0.20 | 0.19 | 0.08 | 0.60 |
| 20       | 0.37  | 0.95 | 0.67 | 0.16 | 0.36 | 0.34 | 0.08 | 0.92 |
| 21       | 0.37  | 0.95 | 0.68 | 0.16 | 0.35 | 0.32 | 0.08 | 0.90 |
| 22       | 0.49  | 0.96 | 0.75 | 0.19 | 0.37 | 0.34 | 0.08 | 0.96 |
| 23       | 0.38  | 0.95 | 0.69 | 0.16 | 0.35 | 0.32 | 0.08 | 0.91 |
| 24       | 0.53  | 0.94 | 0.64 | 0.21 | 0.21 | 0.27 | 0.08 | 0.99 |
| 25       | 0.39  | 0.96 | 0.71 | 0.16 | 0.37 | 0.34 | 0.08 | 0.93 |
| 26       | 0.39  | 0.95 | 0.71 | 0.17 | 0.36 | 0.33 | 0.08 | 0.90 |
| 27       | 0.31  | 0.81 | 0.52 | 0.16 | 0.21 | 0.20 | 0.08 | 0.65 |
| 28       | 0.33  | 0.90 | 0.59 | 0.16 | 0.29 | 0.27 | 0.08 | 0.81 |

| Subbasin | Percent Soil Storage Initially Filled in the Existing Condition |      |      |      |      |      |
|----------|---|------|------|------|------|------|
|          | Final Saturation Fraction of the Specified Year                 |      |      |      |      |      |
|          | 2007  | 2008 | 2009 | 2010 | 2011 | 2012 |
| 1        | 0.02  | 0.04 | 0.24 | 0.35 | 0.58 | 0.04 |
| 2        | 0.02  | 0.04 | 0.25 | 0.41 | 0.67 | 0.04 |
| 3        | 0.02  | 0.05 | 0.31 | 0.49 | 0.77 | 0.04 |
| 4        | 0.02  | 0.05 | 0.32 | 0.50 | 0.78 | 0.04 |
| 5        | 0.02  | 0.04 | 0.23 | 0.34 | 0.57 | 0.03 |
| 6        | 0.02  | 0.03 | 0.22 | 0.27 | 0.42 | 0.03 |
| 7        | 0.02  | 0.04 | 0.24 | 0.37 | 0.62 | 0.03 |
| 8        | 0.02  | 0.04 | 0.24 | 0.36 | 0.60 | 0.04 |
| 9        | 0.01  | 0.03 | 0.21 | 0.23 | 0.31 | 0.03 |
| 10       | 0.02  | 0.04 | 0.25 | 0.40 | 0.66 | 0.04 |
| 11       | 0.02  | 0.03 | 0.22 | 0.27 | 0.43 | 0.03 |
| 12       | 0.02  | 0.04 | 0.46 | 0.64 | 0.86 | 0.03 |
| 13       | 0.02  | 0.04 | 0.23 | 0.35 | 0.58 | 0.03 |
| 14       | 0.02  | 0.05 | 0.38 | 0.56 | 0.83 | 0.04 |
| 15       | 0.02  | 0.04 | 0.22 | 0.28 | 0.46 | 0.03 |
| 16       | 0.02  | 0.05 | 0.44 | 0.62 | 0.87 | 0.04 |
| 17       | 0.02  | 0.05 | 0.41 | 0.60 | 0.85 | 0.04 |
| 18       | 0.01  | 0.04 | 0.65 | 0.81 | 0.86 | 0.03 |
| 19       | 0.02  | 0.04 | 0.33 | 0.51 | 0.78 | 0.04 |
| 20       | 0.03  | 0.07 | 0.51 | 0.78 | 0.90 | 0.06 |
| 21       | 0.03  | 0.06 | 0.52 | 0.74 | 0.90 | 0.05 |
| 22       | 0.01  | 0.03 | 0.68 | 0.85 | 0.82 | 0.02 |
| 23       | 0.02  | 0.06 | 0.53 | 0.74 | 0.89 | 0.05 |
| 24       | 0.00  | 0.01 | 0.73 | 0.99 | 0.74 | 0.00 |
| 25       | 0.03  | 0.06 | 0.55 | 0.77 | 0.89 | 0.05 |
| 26       | 0.02  | 0.05 | 0.55 | 0.76 | 0.88 | 0.05 |
| 27       | 0.02  | 0.05 | 0.35 | 0.53 | 0.80 | 0.04 |
| 28       | 0.03  | 0.06 | 0.42 | 0.62 | 0.87 | 0.06 |

Proposed

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| Subbasin | Percent Soil Storage Initially Filled in the Proposed Condition |           |           |           |           |           |           |           |
|----------|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
|          | Final Saturation Fraction of the Specified Year                 |           |           |           |           |           |           |           |
|          | 1983-1985   | 1985-1987 | 1987-1989 | 1989-1991 | 1991-1993 | 1993-1995 | 1995-1997 | 1997-1999 |
| 1        | 0.30  | 0.36      | 0.28      | 0.48      | 0.53      | 0.43      | 0.22      | 0.78      |
| 2        | 0.36  | 0.42      | 0.31      | 0.56      | 0.61      | 0.52      | 0.30      | 0.85      |
| 3        | 0.46  | 0.50      | 0.35      | 0.67      | 0.70      | 0.63      | 0.40      | 0.89      |
| 4        | 0.47  | 0.51      | 0.36      | 0.68      | 0.72      | 0.64      | 0.41      | 0.89      |
| 5        | 0.29  | 0.34      | 0.28      | 0.45      | 0.51      | 0.42      | 0.21      | 0.76      |
| 6        | 0.26  | 0.28      | 0.25      | 0.30      | 0.40      | 0.34      | 0.17      | 0.59      |
| 7        | 0.32  | 0.38      | 0.29      | 0.51      | 0.57      | 0.48      | 0.25      | 0.82      |
| 8        | 0.31  | 0.37      | 0.29      | 0.49      | 0.55      | 0.46      | 0.23      | 0.80      |
| 9        | 0.24  | 0.23      | 0.23      | 0.24      | 0.31      | 0.29      | 0.16      | 0.47      |
| 11       | 0.30  | 0.36      | 0.28      | 0.47      | 0.53      | 0.44      | 0.22      | 0.78      |
| 12       | 0.65  | 0.63      | 0.45      | 0.81      | 0.86      | 0.81      | 0.54      | 0.88      |
| 13       | 0.26  | 0.28      | 0.25      | 0.29      | 0.39      | 0.34      | 0.17      | 0.59      |
| 14       | 0.56  | 0.58      | 0.40      | 0.76      | 0.79      | 0.73      | 0.48      | 0.89      |
| 15       | 0.27  | 0.30      | 0.25      | 0.34      | 0.43      | 0.35      | 0.18      | 0.64      |
| 16       | 0.64  | 0.61      | 0.45      | 0.82      | 0.85      | 0.77      | 0.58      | 0.90      |
| 17       | 0.62  | 0.63      | 0.46      | 0.80      | 0.84      | 0.78      | 0.55      | 0.89      |
| 18       | 0.83  | 0.78      | 0.60      | 0.91      | 0.92      | 0.95      | 0.65      | 0.88      |
| 19       | 0.47  | 0.52      | 0.36      | 0.69      | 0.72      | 0.65      | 0.41      | 0.89      |
| 20       | 0.72  | 0.64      | 0.50      | 0.89      | 0.91      | 0.74      | 0.71      | 0.92      |
| 21       | 0.72  | 0.65      | 0.51      | 0.88      | 0.91      | 0.80      | 0.68      | 0.91      |
| 22       | 0.87  | 0.82      | 0.66      | 0.90      | 0.90      | 0.99      | 0.58      | 0.86      |
| 23       | 0.74  | 0.67      | 0.52      | 0.89      | 0.91      | 0.84      | 0.68      | 0.91      |
| 24       | 0.96  | 0.79      | 0.88      | 0.93      | 0.87      | 0.99      | 0.42      | 0.81      |
| 25       | 0.76  | 0.69      | 0.53      | 0.90      | 0.92      | 0.84      | 0.70      | 0.91      |
| 26       | 0.77  | 0.71      | 0.54      | 0.90      | 0.92      | 0.87      | 0.68      | 0.90      |
| 27       | 0.51  | 0.54      | 0.37      | 0.72      | 0.75      | 0.67      | 0.46      | 0.90      |
| 28       | 0.61  | 0.57      | 0.43      | 0.81      | 0.84      | 0.72      | 0.60      | 0.92      |

| Subbasin | Percent Soil Storage Initially Filled in the Proposed Condition |           |           |           |           |           |
|----------|---|-----------|-----------|-----------|-----------|-----------|
|          | Final Saturation Fraction of the Specified Year                 |           |           |           |           |           |
|          | 1999-2001   | 2001-2003 | 2003-2005 | 2005-2007 | 2007-2009 | 2009-2011 |
| 1        | 0.55  | 0.14      | 0.16      | 0.39      | 0.04      | 0.35      |
| 2        | 0.66  | 0.15      | 0.17      | 0.46      | 0.04      | 0.40      |
| 3        | 0.77  | 0.15      | 0.19      | 0.57      | 0.04      | 0.48      |
| 4        | 0.78  | 0.15      | 0.19      | 0.59      | 0.04      | 0.50      |
| 5        | 0.53  | 0.14      | 0.16      | 0.38      | 0.04      | 0.34      |
| 6        | 0.36  | 0.11      | 0.14      | 0.30      | 0.03      | 0.26      |
| 7        | 0.60  | 0.14      | 0.17      | 0.42      | 0.04      | 0.37      |
| 8        | 0.58  | 0.14      | 0.16      | 0.41      | 0.04      | 0.36      |
| 9        | 0.29  | 0.09      | 0.13      | 0.25      | 0.03      | 0.22      |
| 11       | 0.56  | 0.14      | 0.16      | 0.40      | 0.04      | 0.35      |
| 12       | 0.90  | 0.16      | 0.23      | 0.78      | 0.04      | 0.63      |
| 13       | 0.36  | 0.11      | 0.14      | 0.30      | 0.03      | 0.26      |
| 14       | 0.85  | 0.16      | 0.20      | 0.69      | 0.04      | 0.56      |
| 15       | 0.40  | 0.12      | 0.15      | 0.32      | 0.04      | 0.28      |
| 16       | 0.90  | 0.16      | 0.25      | 0.80      | 0.05      | 0.62      |
| 17       | 0.88  | 0.18      | 0.25      | 0.76      | 0.07      | 0.62      |
| 18       | 0.95  | 0.17      | 0.35      | 0.94      | 0.04      | 0.79      |
| 19       | 0.78  | 0.16      | 0.19      | 0.59      | 0.04      | 0.50      |
| 20       | 0.95  | 0.16      | 0.34      | 0.92      | 0.07      | 0.77      |
| 21       | 0.95  | 0.17      | 0.33      | 0.90      | 0.07      | 0.73      |
| 22       | 0.95  | 0.18      | 0.34      | 0.96      | 0.03      | 0.82      |
| 23       | 0.95  | 0.16      | 0.32      | 0.91      | 0.06      | 0.74      |
| 24       | 0.94  | 0.20      | 0.34      | 0.99      | 0.02      | 0.96      |
| 25       | 0.96  | 0.16      | 0.34      | 0.92      | 0.06      | 0.77      |
| 26       | 0.95  | 0.17      | 0.33      | 0.92      | 0.05      | 0.76      |
| 27       | 0.81  | 0.16      | 0.20      | 0.65      | 0.05      | 0.52      |
| 28       | 0.89  | 0.16      | 0.26      | 0.81      | 0.06      | 0.61      |

# Appendix H: Major Drainage Infrastructure

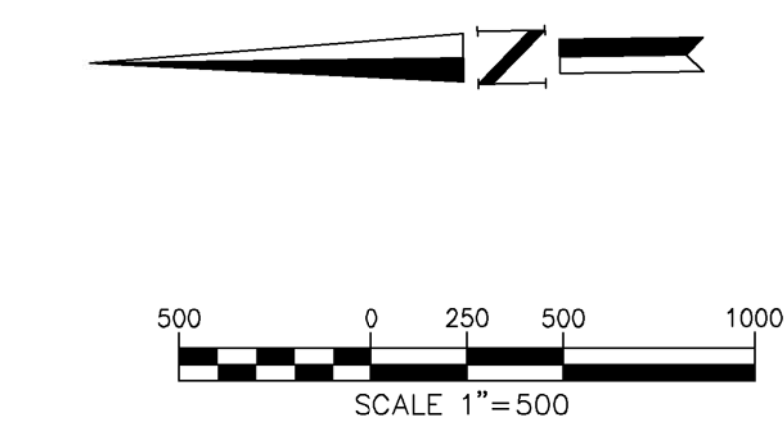
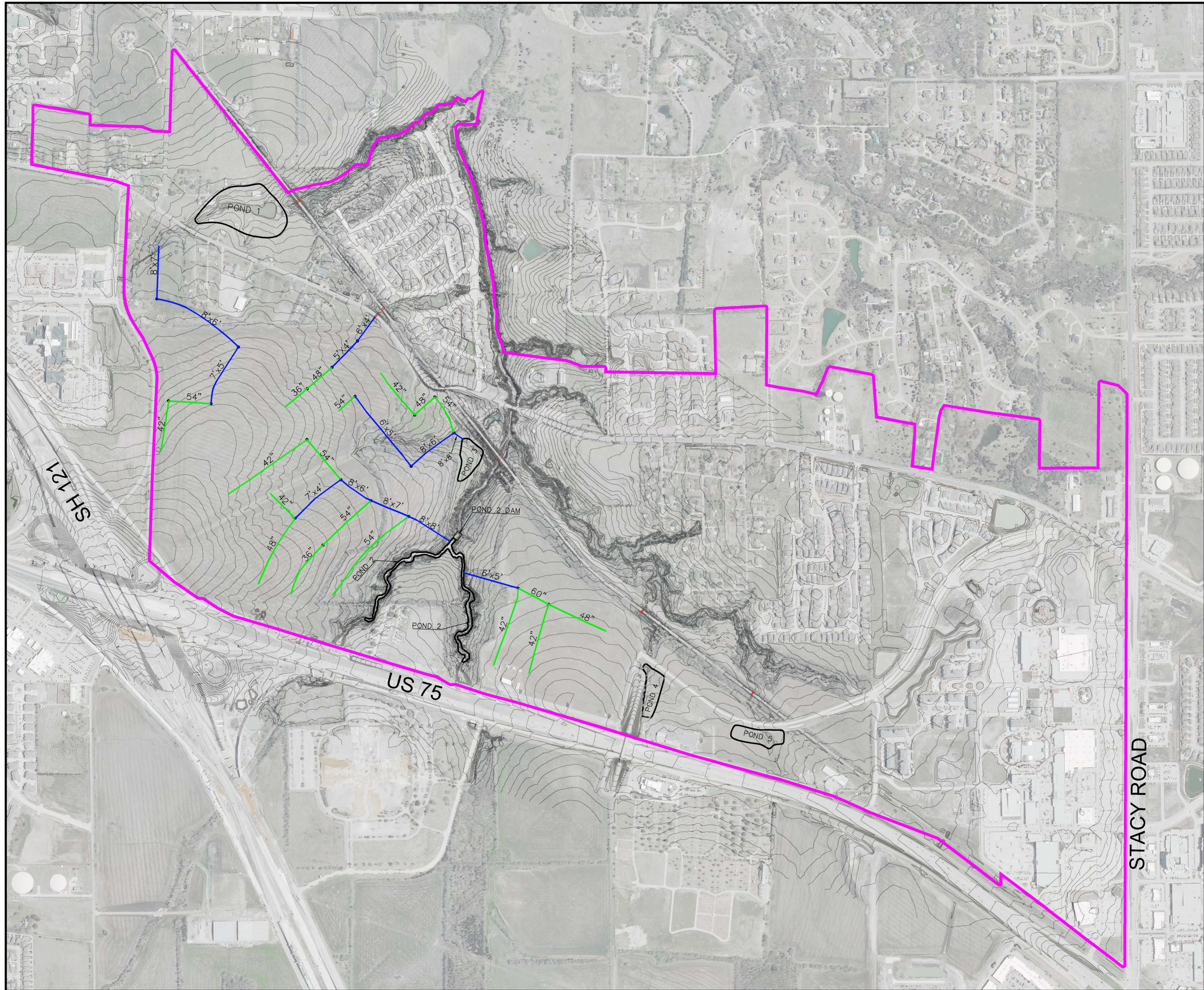
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Discharge Estimates

Trunk Line Plan

| <b>Storm Drainage Area</b> | <b>C</b> | <b>i</b> | <b>Area (ac)</b> | <b>Q</b> | <b>Slope (%)</b> | <b>Pipe Size</b> | <b>FPS</b> |
|----------------------------|----------|----------|------------------|----------|------------------|------------------|------------|
| <b>Storm DA 1A</b>         | 0.9      | 8.74     | 61.2             | 481      | 0.5              | <b>8'x7'</b>     | 8          |
| <b>Storm DA 1B</b>         | 0.9      | 8.74     | 40.4             | 318      | 0.5              | <b>8'x6'</b>     | 7          |
| <b>Storm DA 1C</b>         | 0.9      | 8.74     | 26.3             | 207      | 0.5              | <b>7'x5'</b>     | 6          |
| <b>Storm DA 1D</b>         | 0.9      | 8.74     | 13.4             | 106      | 0.5              | <b>54"</b>       | 7          |
|                            |          |          |                  |          |                  |                  |            |
| <b>Storm DA 2</b>          | 0.9      | 8.74     | 22.7             | 179      | 0.5              | <b>6'x4'</b>     | 6          |
| <b>Storm DA 2M2</b>        | 0.9      | 8.74     | 17.5             | 138      | 0.5              | <b>5'x4'</b>     | 7          |
| <b>Storm DA 2M3</b>        | 0.9      | 8.74     | 10.0             | 78       | 0.5              | <b>48"</b>       | 7          |
| <b>Storm DA 2M4</b>        | 0.9      | 8.74     | 4.5              | 35       | 0.5              | <b>36"</b>       | 7          |
|                            |          |          |                  |          |                  |                  |            |
| <b>Storm DA 3A</b>         | 0.9      | 8.74     | 52.0             | 409      | 0.5              | <b>8'x8'</b>     | 6.5        |
| <b>Storm DA 3B</b>         | 0.9      | 8.74     | 13.4             | 106      | 0.5              | <b>54"</b>       | 7          |
| <b>Storm DA 3C</b>         | 0.9      | 8.74     | 37.1             | 292      | 0.5              | <b>8'x6'</b>     | 7          |
| <b>Storm DA 3D</b>         | 0.9      | 8.74     | 11.1             | 87       | 0.5              | <b>48"</b>       | 7          |
| <b>Storm DA 3E</b>         | 0.9      | 8.74     | 6.3              | 50       | 0.5              | <b>42"</b>       | 6          |
| <b>Storm DA 3F</b>         | 0.9      | 8.74     | 23.9             | 188      | 0.5              | <b>6'x5'</b>     | 7          |
| <b>Storm DA 3G</b>         | 0.9      | 8.74     | 12.0             | 94       | 0.5              | <b>54"</b>       | 7          |
|                            |          |          |                  |          |                  |                  |            |
| <b>Storm DA 4M1</b>        | 0.9      | 8.74     | 64.4             | 506      | 0.5              | <b>8'x8'</b>     | 8          |
| <b>Storm DA 4M2</b>        | 0.9      | 8.74     | 49.7             | 391      | 0.5              | <b>8'x7'</b>     | 7          |
| <b>Storm DA 4 M3</b>       | 0.9      | 8.74     | 36.6             | 288      | 0.5              | <b>8'x6'</b>     | 7          |
| <b>Storm DA 4 M4</b>       | 0.9      | 8.74     | 13.6             | 107      | 0.5              | <b>54"</b>       | 7          |
| <b>Storm DA 4B</b>         | 0.9      | 8.74     | 12.9             | 102      | 0.5              | <b>54"</b>       | 7          |
| <b>Storm DA 4C</b>         | 0.9      | 8.74     | 11.7             | 92       | 0.5              | <b>54"</b>       | 7          |
| <b>Storm DA 4D</b>         | 0.9      | 8.74     | 21.0             | 165      | 0.5              | <b>7'x4'</b>     | 7          |
| <b>Storm DA 4E</b>         | 0.9      | 8.74     | 7.8              | 61       | 0.5              | <b>42"</b>       | 7          |
| <b>Storm DA 4G</b>         | 0.9      | 8.74     | 5.2              | 41       | 0.5              | <b>36"</b>       | 6          |
| <b>Storm DA 4H</b>         | 0.9      | 8.74     | 6.5              | 51       | 0.5              | <b>42"</b>       | 6          |

| <b>Storm Drainage Area</b> | <b>C</b> | <b>i</b> | <b>Area (ac)</b> | <b>Q</b> | <b>Slope (%)</b> | <b>Pipe Size</b> | <b>FPS</b> |
|----------------------------|----------|----------|------------------|----------|------------------|------------------|------------|
| <b>Storm DA 4I</b>         | 0.9      | 8.74     | 11.0             | 86       | 0.5              | <b>48"</b>       | 7          |
|                            |          |          |                  |          |                  |                  |            |
| <b>Storm DA 5M1</b>        | 0.9      | 8.74     | 23.2             | 182      | 0.5              | <b>6'x5'</b>     | 7          |
| <b>Storm DA 5M2</b>        | 0.9      | 8.74     | 16.2             | 127      | 0.5              | <b>60"</b>       | 7          |
| <b>Storm DA 5M3</b>        | 0.9      | 8.74     | 8.0              | 63       | 0.5              | <b>48"</b>       | 6          |
| <b>Storm DA 5B</b>         | 0.9      | 8.74     | 7.1              | 55       | 0.5              | <b>42"</b>       | 6          |
| <b>Storm DA 5C</b>         | 0.9      | 8.74     | 6.3              | 49       | 0.5              | <b>42"</b>       | 6          |



| LEGEND                                 |                  |
|--|------------------|
| 54"                                    | RCP SIZE         |
| <span style="color: green;">—</span>   | RCP              |
| <span style="color: blue;">—</span>    | RCB SIZE         |
| <span style="color: blue;">—</span>    | RCB              |
| <span style="color: red;">—</span>     | EXISTING CULVERT |
| <span style="color: magenta;">—</span> | CPDD BOUNDARY    |



| MARK | DESCRIPTION | DATE | APPR. |
|------|-------------|------|-------|
|      |             |      |       |
|      |             |      |       |
|      |             |      |       |
|      |             |      |       |
|      |             |      |       |
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|      |             |      |       |
|      |             |      |       |
|      |             |      |       |
|      |             |      |       |

|  |                   |                    |
|--|-------------------|--------------------|
| DESIGNED BY:<br>GL   | CHECKED BY:<br>HD | SCALE:<br>AS SHOWN |
| DRAWN BY:<br>KL  | DRAWING CODE:     | PLOT DATE:         |
| TOWN OF FAIRVIEW, TEXAS  | JOB NO.:          |                    |
| <b>HUITZOLARS</b><br>Huitzolars, Inc.<br>1717 McKinney Ave, Suite 1400<br>Dallas, Texas 75202<br>Phone (214) 871-3311 Fax (214) 871-0757 |                   |                    |

CPDD MASTER DRAINAGE PLAN  
**STORM SEWER TRUNK LINE PLAN**



# Appendix I: Low Impact Development

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BMP Fact Sheets

LID References



# Bioswales



## *Description:*

Bioswales are shallow, broad channels used to convey and filter stormwater runoff. When vegetated or enhanced, they treat the stormwater through filtration and biological and chemical reactions before the stormwater enters the storm sewer system through an inlet. Bioswales can be designed to be wet or dry. In addition to providing water quality benefits, bioswales also reduce the velocity of runoff compared to traditional curb and gutter storm drains. They should be used in conjunction with other BMPs to provide storage and peak flow reduction. Areas that could benefit from the use of bioswales include parking lots, medians, and yards. Bioswales can also be used as pretreatment before other BMPs or detention basins.

## *Benefits:*

- Reduce stormwater volume
- Reduce peak discharge for small storm events
- Reduce TSS and pollutant loading
- Reduce phosphorus and metal concentrations
- Decreases velocity of runoff
- Low-cost and easy to construct

## *Limitations:*

- Requires shallow slopes and non-erodible soils
- Requires maintenance and trash removal
- Requires space in right-of-way
- Should not be located under trees
- Difficult to add signage and lighting for streets

## *Design Considerations:*

Bioswales should be designed to drain within 48 hours to reduce vector attraction. They should be located at least 5 feet away from buildings and 10 feet from property lines. Utility lines and public right of way maintenance should be considered. The sides of a bioswale should have a maximum of a 3:1 slope.

## *Cost:*

The typical cost of a bioswale is \$16/sq ft.

## *Performance:*

With a minimum contact time of 2.5 minutes, a 200 ft long bioswale can reduce total suspended solids by 83-92%, oil and grease by 75%, nitrate by 39-89%, and total phosphorus by 29-80%

# Downspout Disconnection

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## *Description:*

Downspout disconnection is a parcel-level BMP that decreases the amount of directly connected impervious area. Rather than tying directly in to the storm sewer systems, downspouts are directed into pervious areas for infiltration. Volume reduction is achieved through infiltration or storage and evapotranspiration. Water quality benefits are also observed from filtration through the media, whether it is soil or engineered media. Downspouts can additionally be disconnected and diverted into rain gardens or rain barrels.

## *Benefits:*

- Reduces stormwater runoff volume
- Reduces peak discharge for small storm events
- Reduces TSS and pollutant loading
- Increase in water quality

## *Limitations:*

- Permeable soils or media needs to be used
- Requires an area large enough for runoff to infiltrate
- Greater infiltration area may be required for hydrologic soil types C and D

## *Design Considerations:*

Downspouts must be directed away from building foundations or adjacent private property.

## *Performance:*

Over 56,000 downspouts were disconnected in Portland's Downspout Disconnection Program between 1993 and 2011, reducing stormwater in the city's combined sewer system by 1.3 billion gallons a year.

# Rain Gardens

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## *Description:*

A rain garden is garden engineered to provide filtration and infiltration for stormwater that would otherwise be runoff or be conveyed by a storm sewer system. Stormwater runoff can be diverted to a rain garden from many different areas and mediums, such as a roof, street, sidewalk, or yard either by gravity flow and curb cuts or curbless medians or by being placed under a downspout that drains directly into it. A rain garden provides storage volume for runoff as well as improving the water quality through physical filtration and biological and chemical reactions in native soil or biofiltration media. Underdrains or perforated pipe can be installed at the bottom of a rain garden if infiltration is not plausible, and inlets to a existing storm sewer system provide an overflow outlet for larger storms.

## *Benefits:*

- Reduces stormwater runoff volume
- Reduces peak discharge for small storm events
- Reduces TSS and pollutant loading
- Can provide groundwater recharge
- Reduces heat island effect in urban areas
- Can be aesthetically pleasing

## *Limitations:*

- Permeable soils need to be used
- Maintenance and trash removal are necessary for good operation
- May require irrigation during dry seasons
- Outlet control required for large storm events
- May need sediment trap if placed in an area with a large sediment loading

## *Design Considerations:*

Rain gardens should be designed usually native plants and soils when possible. Drought-tolerant species should be considered in areas that experience drought to lessen the need for additional irrigation. The soil medium typically consists of 50% sand, 30% topsoil, and 20% organic material. If underdrains are installed, they should be surrounded by a 6 in. layer of aggregate with a layer of filter fabric above. A rain garden should be designed to have a drawdown time of 24-72 hours to reduce vector attraction. Surface discharge rates should not exceed 2 feet per second to prevent erosion. If placed against a building, a waterproof membrane liner should be used on the side directly adjacent to the building.

## *Cost:*

Rain gardens can vary in cost, averaging \$15-20/sq ft.

## *Performance:*

In the Bagby Street Reconstruction Project in Houston, rain gardens were constructed that capture 33% of the stormwater that falls in the street right-of-way. The installed gardens remove 75% of bacteria, 73% phosphorus, 93% oil and grease, and 85% suspended solids from the stormwater.

# Tree Box Filters



## *Description:*

Tree box filters are small bioretention areas. Stormwater runoff is diverted into the box by curb cut where it filters through an engineered growing medium while also providing water for the tree. Suspended solids, nutrients, metals, oil and grease, and debris can be removed as the stormwater filters through the medium. The overflow from the box is connected to the storm sewer system or can be captured and used for further irrigation.

## *Benefits:*

- Reduce stormwater runoff
- Reduce peak flow for small storm events
- Reduce pollutant loading
- Aesthetically pleasing

## *Limitations:*

- Required maintenance and trash removal
- Supplemental irrigation may be necessary during dry seasons
- Space requirements in right-of-way

## *Design Considerations:*

The allotted installation space should be large enough to provide room for the tree's roots. Ease of access for maintenance should be considered.

## *Cost:*

Costs for tree box filters can range from \$15,000-20,000 per unit including installation.

## *Performance:*

Tree box filters can achieve removal of several different pollutant even at a high flow rate of 100 – 140 in/hr. 85% total suspended solids, 70% phosphorus, 43% nitrogen, and 93% oil & grease removal has been observed. Copper and zinc removal of approximately 50% has also been observed.

# Green Roofs

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## *Description:*

Green roofs are vegetated systems that filter, absorb, and detain rainwater on rooftops. Extensive green roofs contain 2-6 in of soil or planting medium above a drainage layer that can capture the water or be connected to downspouts. A waterproof membrane is placed between the green roof and structural roof to prevent any water damage.

## *Benefits:*

- Reduces runoff volume
- Reduces peak flow of small storm events
- Reduces sediment & pollutant loading
- Reduces heat island effect
- Energy savings for building heating and cooling
- Aesthetically pleasing

## *Limitations:*

- Only treats rooftop area
- Not suitable for steep roofs
- Building must be structurally adequate to support additional weight
- Requires supplemental irrigation during dry season
- Regular maintenance and management of vegetation

## *Design Considerations:*

Green roofs can cover up to 50-80% of a rooftop area, leaving space for HVAC, roof access, and maintenance requirements. Typically, the systems weigh 6-7 lbs/sq ft/in of depth. Drought tolerant plants and media with high permeability should be considered.

## *Cost:*

A typical cost for a green roof is \$15-25/sq ft.

## *Performance:*

A growing medium with a depth of 3.5 in can provide 1.6 in of water retention storage.

The green roof on Chicago City Hall, pictured above was installed in 2000 to reduce the heat island effect in the inner city. The 1,885 square-meter garden contains 20,000 plants and can retain 75% of the rainwater from a 1 in storm. Energy costs for the building have decreased by more than \$5,000 a year.

# Porous Asphalt

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## *Description:*

Porous asphalt consists of regular bituminous asphalt that has been screened to remove the fine material, creating void spaces in the material. When laid on top of an open-graded stone base, stormwater infiltrates through the pavement and underlying base. The system reduces impervious area and provides filtration for the stormwater before entering the storm sewer system or collected for reuse. Porous asphalt is suitable for parking lots, walking paths, sidewalks, plazas, roads, etc.

## *Benefits:*

- Can support both pedestrian and vehicular traffic
- Reduces stormwater runoff
- Reduces peak discharge for small storm events
- Reduces TSS and pollutant loading
- Reduces metal and oil & grease concentrations
- Reduces heat island effect
- Reduces standing water hazard on roadway

## *Limitations:*

- Not suitable for roads with heavy traffic (more than 25,000 vehicles/day)
- Not suitable for areas with high sediment or pollutant loading
- Requires maintenance and vacuuming
- Sealant should not be used on top of porous asphalt
- Offsite runoff should not be diverted to porous asphalt areas

## *Design Considerations:*

Porous asphalt is designed to be ADA compliant. The system must be designed with a base depth, typically 18-36 in, that will not allow water to rise through the asphalt. When installed above clay soils, an impermeable layer may be installed between the subbase and subgrade to limit the potential of shrinking and swelling. Potholes and cracking are less likely to occur in porous asphalt due to enhanced drainage, but conventional mix can be used if patching is required.

## *Cost:*

Porous asphalt costs approximately 25% more than typical asphalt pavement costs of \$100-150/ton.

## *Performance:*

Porous asphalt outperforms traditional asphalt concerning freezing conditions. As it drains more quickly, there is less of a chance of ice forming on the surface. If salt is needed, it is used in a smaller amount due to the increased drainage rate.

# Pervious Concrete Pavement



## *Description:*

Pervious concrete pavement is a typical concrete mortar with minimal fine sands and particles. It has a high percentage of void space that allows water to pass through the material. It is installed with an aggregate base with an underdrain system if infiltration is not possible. The system reduces impervious area and provides filtration for the stormwater before entering the storm sewer system or collected for reuse. Pervious concrete pavement is suitable for walking paths, sidewalks, plazas, etc.

## *Benefits:*

- Reduces stormwater runoff
- Reduces peak discharge for small storm events
- Reduces TSS and pollutant loading
- Reduces heat island effect
- Significant long-term maintenance cost savings

## *Limitations:*

- Not suitable for vehicular traffic
- Requires maintenance
- Sealant should not be used on top of pervious concrete
- Coarser than typical concrete
- Offsite runoff should not be diverted to areas of pervious concrete pavement

## *Design Considerations:*

When installed above clay soils, an impermeable layer may be installed between the subbase and subgrade to limit the potential of shrinking and swelling.

## *Cost:*

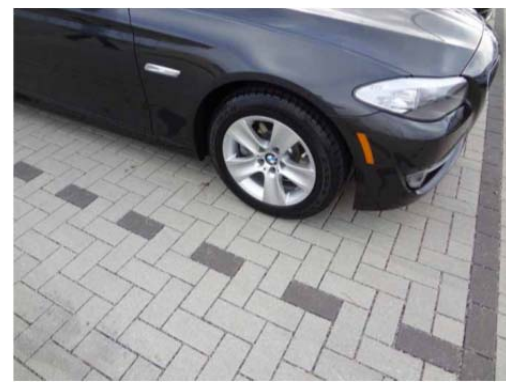
Pervious concrete typically runs \$50-80/sq yd compared to traditional concrete costs of \$32-40/sq yd.

## *Performance:*

Pervious concrete can support a typical flow rate of 3-8 gallons per square foot per minute. It can also be made using recycled content.

# Permeable Pavers

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## *Description:*

Permeable pavers are interlocking units of concrete pavement with grooves or joints filled with small stones or gravel. The void spaces in the joints allow for stormwater to infiltrate through the surface layer and an open-graded stone or gravel base underneath. The system reduces impervious area and provides filtration for the stormwater before entering the storm sewer system or collected for reuse. Permeable pavers are suitable for parking lots, street parking areas, walking paths, sidewalks, plazas, low traffic roads, etc. Pervious pavers, which allow water to drain through the material itself provide similar benefits. Porous pavers, geotextile material that can be filled with gravel or planted with grass, are also commonly used for parking lots, driveways, fire lanes, etc.

## *Benefits:*

- Can support both pedestrian and vehicular traffic
- Reduces stormwater runoff
- Reduces peak discharge for small storm events
- Reduces TSS and pollutant loading
- Reduces metal and oil & grease concentrations
- Reduces heat island effect
- Reduces hazard of standing water
- Significant long-term maintenance cost savings

## *Limitations:*

- Not suitable for roads with heavy traffic (more than 25,000 vehicles/day)
- Not suitable for areas with high sediment or pollutant loading
- Requires maintenance
- Sealant should not be used on top of permeable pavers
- Must be ADA compliant
- Offsite runoff should not be diverted to areas with permeable pavers

## *Design Considerations:*

When installed above clay soils, an impermeable layer may be installed between the subbase and subgrade to limit the potential of shrinking and swelling.

## *Cost:*

Pervious pavers typically cost between \$11-13/sq ft.

## *Performance:*

In July of 2010, BMW of Dallas installed 70,000 sq ft of permeable paving stones, pictured above. In a demonstration, 500 gallons per minute of water were sprayed onto the surface, and no puddling or runoff occurred.



# Water Quality Structures

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## *Description:*

There are many different types of structures that can be installed to increase the water quality of stormwater runoff.

Hydrodynamic separators and filters can be installed within the storm sewer lines. Some structures are designed to separate sediments and oils from the water into chambers that are vacuumed out at scheduled maintenance intervals. Silt barriers and strainer baskets can lower sediment loadings, especially during construction. Some more complex structures contain filters that can remove hydrocarbons, nutrients, and/or metals.

## *Benefits:*

- Increase in water quality
- Nutrient management
- Effective pretreatment for other BMPs
- Promote longevity of downstream stormwater materials and equipment

## *Limitations:*

- Underground space requirements
- Can require specialized maintenance
- Can be costly

## *Design Considerations:*

Water quality structures should be installed with easy access for maintenance and routine cleaning. Vehicular access should be provided if necessary.

## *Performance:*

Performance is dependent on the type and complexity of the structure installed. For instance, the filter pictured above can achieve 89% total suspended solids, 59% phosphorus, 51% nitrogen, and over 50% copper and zinc removal.

# Capture and Reuse

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## *Description:*

Rainwater can be captured for beneficial use, reducing the usage of potable water for non-potable water requirements. Rainwater catchment tanks and cisterns can be located above or below ground, when excavation is available. There are many different configurations for aboveground rainwater storage with different size footprints. Besides the basic cylindrical cistern shape, rainwater can be stored in vertical boxes against a structure, in horizontal boxes below a deck, or even use the boxes to create a cosmetic fence or wall. Gutters and downspouts from the roof can easily be diverted into a rain barrel, which when placed uphill of landscaping, can provide irrigation by gravity flow. Rainwater can be used for any non-potable application such as landscape irrigation, toilet flushing, and vehicle washing.

## *Benefits:*

- Reduces runoff volume
- Reduces peak discharge of small storm events
- Reduces potable water demand

## *Limitations:*

- Requires regular monitoring and testing
- Space requirements
- Filters and cartridges require replacement if used

## *Design Considerations:*

Rain barrels should be opaque or painted to discourage algae growth and covered to reduce vector attraction. First-flush diverters or hydrodynamic separators should be used to prevent contaminants from entering the supply. Leaf screens and roof washers may be desired to prevent debris from entering the storage tank. For new development, roof materials may be selected based on effectiveness for rainwater harvesting for optimization. Disinfection methods can also be implemented if potable use is desired. Backflow preventers are necessary to keep rainwater and municipal potable supply separate. Storage tanks should be located at a higher elevation than desired area of use to utilize gravity flow, or pumps can be installed.

## *Cost:*

Rain barrels and cistern can range in a cost, depending on the material and equipment included. A basic 500-gallon polyethylene tank has a typical cost of \$350-700. More complex systems using pretreatment, filters, and pumps can vary in cost based on size.

## *Performance:*

For every 1,000 sq ft of a catchment area, approximately 600 gallons can be collected.

Menard Elementary School, pictured above, installed two 1,000-gallon polyethylene tanks. The collected water from the gutters and downspouts is used to water the landscape and provide for the watering pond and birdbath that supports native animals.

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# Appendix J: Railroad Structural Assessment Photos

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View of Upstream End of Brick Culvert.



Upstream Block-Wingwall on the left has failed.



Tension crack near springline of brick arch on left upstream end of culvert.



Signs of movement at right upstream wingwall.



Longitudinal View looking downstream. Note “weeping of brick arch wall.



Transverse crack near down stream end of culvert. Runs from crown to footing wall.





Crack at downstream end of culvert. Runs from brick arch into rock wall and footing.



View of downstream end of Brick Culvert. Wingwall fell into creek during the floods the week before. The left downstream wingwall was replaced with reinforced concrete a 1960's flood collapsed the wall.

# Appendix K: Preliminary OPCC Data

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Table 1: Quantities of Storm Sewer Trunk Lines

| ITEM                        | QUANTITY | UNIT | UNIT COST   | TOTAL              |
|-----------------------------|----------|------|-------------|--------------------|
| 36" RCP                     | 900      | LF   | \$96.00     | \$86,400           |
| 42" RCP                     | 3,970    | LF   | \$124.00    | \$492,280          |
| 48" RCP                     | 2,030    | LF   | \$149.00    | \$302,470          |
| 54" RCP                     | 3,420    | LF   | \$201.00    | \$687,420          |
| 60" RCP                     | 357      | LF   | \$281.00    | \$100,317          |
| 5' X 4' RCB                 | 375      | LF   | \$230.00    | \$86,250           |
| 6' X 4' RCB                 | 302      | LF   | \$290.00    | \$87,580           |
| 6' X 5' RCB                 | 1,500    | LF   | \$325.00    | \$487,500          |
| 7' X 4' RCB                 | 615      | LF   | \$350.00    | \$215,250          |
| 7' X 5' RCB                 | 655      | LF   | \$375.00    | \$245,625          |
| 8' X 6' RCB                 | 1,917    | LF   | \$425.00    | \$814,725          |
| 8' X 7' RCB                 | 962      | LF   | \$450.00    | \$432,900          |
| 8' X 8' RCB                 | 603      | LF   | \$474.00    | \$285,822          |
| 5' J.B. With Access Riser   | 2        | EA   | \$6,500.00  | \$13,000           |
| 6' J.B. With Access Riser   | 6        | EA   | \$7,500.00  | \$45,000           |
| 8" Stone Riprap (12" Layer) | 70       | CY   | \$150.00    | \$10,500           |
| 8' Wingwall                 | 4        | EA   | \$12,000.00 | \$48,000           |
| Connect to Existing RCB     | 1        | EA   | \$2,000.00  | \$2,000            |
| <b>Total</b>                |          |      |             | <b>\$4,443,039</b> |

Table 2: Pond 1 Quantities

| ITEM                                     | QUANTITY | UNIT | UNIT COST   | TOTAL            |
|--|----------|------|-------------|------------------|
| 24" RCP                                  | 90       | LF   | \$55.00     | \$4,950          |
| 30' Concrete Weir                        | 1        | EA   | \$20,000.00 | \$20,000         |
| 8" Stone Riprap (12" Layer)              | 33       | CY   | \$150.00    | \$4,950          |
| 24" Headwall                             | 1        | EA   | \$3,200.00  | \$3,200          |
| 5' Wide, 6" thick Concrete Pilot Channel | 580      | LF   | \$30.00     | \$17,400         |
| Excavation                               | 85,000   | CY   | \$5.00      | \$425,000        |
| <b>Total</b>                             |          |      |             | <b>\$475,500</b> |

Table 3: Pond 2 Dam Quantities

| ITEM                     | QUANTITY | UNIT | UNIT COST   | TOTAL            |
|--------------------------|----------|------|-------------|------------------|
| 10' X 10' RCB            | 180      | LF   | \$2,300.00  | \$414,000        |
| Outlet Control Structure | 1        | EA   | \$50,000.00 | \$50,000         |
| Emabankment Fill         | 80,000   | CY   | \$3.00      | \$240,000        |
| 10' Wingwalls            | 2        | EA   | \$16,000.00 | \$32,000         |
| 12" Grouted Rock Riprap  | 285      | CY   | \$200.00    | \$57,000         |
| Retaining Walls          | 1        | LS   | \$60,000.00 | \$60,000         |
| <b>Total</b>             |          |      |             | <b>\$853,000</b> |

Table 4: Pond 3 Quantities

| ITEM                                     | QUANTITY | UNIT | UNIT COST   | TOTAL           |
|--|----------|------|-------------|-----------------|
| 18" RCP                                  | 100      | LF   | \$45.00     | \$4,500         |
| 20' Concrete Weir                        | 1        | EA   | \$20,000.00 | \$20,000        |
| 8" Stone Riprap (12" Layer)              | 15       | CY   | \$150.00    | \$2,250         |
| 18" Headwall                             | 1        | EA   | \$3,000.00  | \$3,000         |
| 5' Wide, 6" thick Concrete Pilot Channel | 350      | LF   | \$30.00     | \$10,500        |
| Excavation                               | 9,100    | CY   | \$5.00      | \$45,500        |
| <b>Total</b>                             |          |      |             | <b>\$85,750</b> |

Table 5: Pond 4 Quantities

| ITEM                                     | QUANTITY | UNIT | UNIT COST   | TOTAL            |
|--|----------|------|-------------|------------------|
| Outlet Control Structure                 | 1        | EA   | \$20,000.00 | \$20,000         |
| 8" Stone Riprap (12" Layer)              | 150      | CY   | \$150.00    | \$22,500         |
| 5' Wide, 6" thick Concrete Pilot Channel | 480      | LF   | \$30.00     | \$14,400         |
| Excavation                               | 13,000   | CY   | \$5.00      | \$65,000         |
| <b>Total</b>                             |          |      |             | <b>\$121,900</b> |

Table 7: Pond 5 Quantities

| ITEM                                     | QUANTITY | UNIT | UNIT COST   | TOTAL            |
|--|----------|------|-------------|------------------|
| Outlet Control Structure                 | 1        | EA   | \$25,000.00 | \$25,000         |
| 8" Stone Riprap (12" Layer)              | 267      | CY   | \$150.00    | \$40,050         |
| 5' Wide, 6" thick Concrete Pilot Channel | 700      | LF   | \$30.00     | \$21,000         |
| Excavation                               | 22,000   | CY   | \$5.00      | \$100,000        |
| <b>Total</b>                             |          |      |             | <b>\$186,050</b> |

Table 8: Stream Bank Protection Quantities

| ITEM               | QUANTITY | UNIT | UNIT COST   | TOTAL            |
|--------------------|----------|------|-------------|------------------|
| Concrete Check Dam | 12       | EA   | \$20,000.00 | \$240,000        |
| Shotcrete          | 825      | SY   | \$120.00    | \$99,000         |
| <b>Total</b>       |          |      |             | <b>\$339,000</b> |

Table 9: Landscape and Hardscape Quantities

| ITEM                      | QUANTITY | UNIT | UNIT COST    | TOTAL              |
|---------------------------|----------|------|--------------|--------------------|
| 6' Concrete Sidewalk      | 1        | LS   | \$100,000.00 | \$100,000          |
| 12' Concrete Trail        | 1        | LS   | \$175,000.00 | \$175,000          |
| 12' Steel Truss Bridge    | 2        | EA   | \$125,000.00 | \$250,000          |
| 4' Nature Trail           | 1        | LS   | \$75,000.00  | \$75,000           |
| Trailhead                 | 2        | EA   | \$15,000.00  | \$30,000           |
| Nature Trail Overlook     | 2        | EA   | \$50,000.00  | \$100,000          |
| Large Spray Feature       | 1        | EA   | \$50,000.00  | \$50,000           |
| Small Spray Feature       | 2        | EA   | \$30,000.00  | \$60,000           |
| Shade Pavilions           | 12       | EA   | \$30,000.00  | \$360,000          |
| Seating and Benches       | 18       | EA   | \$2,500.00   | \$45,000           |
| Amphitheater              | 1        | LS   | \$250,000.00 | \$250,000          |
| Open Space Activity Area  | 1        | LS   | \$50,000.00  | \$50,000           |
| Pedestrian Lighting       | 1        | LS   | \$150,000.00 | \$150,000          |
| Landscape                 | 1        | LS   | \$100,000.00 | \$100,000          |
| Seeding - Open            | 1        | LS   | \$40,000.00  | \$40,000           |
| Seeding - Erosion Control | 1        | LS   | \$25,000.00  | \$25,000           |
| Seeding - Banks           | 1        | LS   | \$50,000.00  | \$50,000           |
| Seeding - Aquatic         | 1        | LS   | \$25,000.00  | \$25,000           |
| Mulch                     | 1        | LS   | \$25,000.00  | \$25,000           |
| Fine Grading              | 1        | LS   | \$30,000.00  | \$30,000           |
| Lawn Irrigation           | 1        | LS   | \$40,000.00  | \$40,000           |
| Grass/Weed Removal        | 1        | LS   | \$10,000.00  | \$10,000           |
| Preservation Fence        | 1        | LS   | \$10,000.00  | \$10,000           |
| Erosion Control           | 1        | LS   | \$10,000.00  | \$10,000           |
| Tree Removal              | 1        | LS   | \$10,000.00  | \$10,000           |
| <b>Total</b>              |          |      |              | <b>\$2,070,000</b> |

