Appendix 5.15E
Postconstruction Hydrology Analysis

Hidden Hills Ranch SEGS
Final Post Construction Hydrologic & Hydraulic Analysis

WO# 7302-H.1

BSE Document Control Number: HYD300-FINAL

June 23, 2011

Prepared For:

BrightSource

consulting engineers planners surveyors

TABLE OF CONTENTS

Pg. #

EXECUTIVE SUMMARY 1
I. PROJECT AND CONSTRUCTION DESCRIPTION 1
A. SOLAR FIELDS 1
B. ACCESS ROADS 1
C. COMMON AREA 2
D. TEMPORARY LAYDOWN AREA 2
II. HYDROLOGIC AND HYDRAULIC ANALYSIS METHODOLOGY 2
A. EXISTING CONDITION CURVE NUMBER BACKGROUND 2
B. COMPARISON BETWEEN EXISTING AND POST CONSTRUCTION 3
C. POST CONSTRUCTION CURVE NUMBER ADJUSTMENT 5
D. POST CONSTRUCTION HYDROLOGIC AND ONSITE RETENTION ANALYSIS 7
E. POST CONSTRUCTION FLO-2D HYDRAULIC ANALYSIS 8
III. RESULTS 8
A. POST CONSTRUCTION HYDROLOGIC/RETENTION ANALYSIS RESULTS AND COMPARISON 8
B. FLO-2D HYDRAULIC ANALYSIS RESULTS 9
IV. REFERENCES 11

LIST OF FIGURES

Pg .#
Figure 1 – Overall Analysis Schematic 4
Figure 2 – Heliostat / Mirror Impervious Area Schematic 5
Figure 3 – Heliostat Dirt Road Schematic 6

LIST OF TABLES

Pg. #
Table 1 - Post Construction CN 6
Table 2 – Peak Flow Summary 8
Table 3 – Onsite Retention Summary 9
Table 4 – FLO-2D Flood Plain Cross Sections 9

EXECUTIVE SUMMARY

A Post Construction Hydrologic and Hydraulic Analysis has been prepared for the proposed +3,100-acre Hidden Hills Ranch SEGS (HHR SEGS) project. The purpose of this analysis is to provide a determination of the difference in peak flow, hydraulic depths, and velocities between the existing condition and the post construction conditions based on the project construction document information available at this time. The results of this report will be used to help prepare improvement plans for the solar field. Information obtained from BrightSource Energy and CH2M Hill for the solar field layout has been utilized in the preparation of the analysis included herein. In summary, the hydrologic and hydraulic analysis has been modified in the following manner to model the post construction condition:

- Curve Numbers have been adjusted to account for proposed graded roads, gravel roads, and asphalt roads within the site and around the perimeter.
- Curve Numbers have been adjusted to account for proposed buildings, accessory structures, and power blocks within the site.
- Curve Numbers have been adjusted to account for proposed heliostat mirrors within the site.
- Proposed berm and elevated roadways have been incorporated into the FLO-2D grid model to determine the impacts on hydraulic depths and velocities.

I. PROJECT AND CONSTRUCTION DESCRIPTION

A. SOLAR FIELDS

The overall HHR SEGS project is comprised of two solar fields, denoted as Units 1 and 2. Each solar field will contain one power block. Information obtained from BrightSource Energy indicates that the overall site will accommodate approximately 170,000 heliostats, (85,000 per power block unit). Each heliostat will have 2 mirrors attached with a mechanical/electrical mechanism which rotates and turns the mirrors during operation. The proposed individual mirror dimensions are 8.6-ft x 6-ft (width x height). All heliostats are placed in concentric circular fields around the tower units (refer to Figure *7302HYD-A* in *Appendix B* for a site layout).

B. ACCESS ROADS

The HHR SEGS project proposes to construct three main types of roads to provide vehicular access to the heliostats, power block towers, and an onsite building within the common area. The road classifications were referenced from drawings and details provided by CH2M Hill. These roads are summarized below:

- 20-ft wide internal perimeter asphaltic paved access roads – located between the power blocks/towers and along portions of the site boundary.
- 12 to 20-ft wide dirt (aggregate base) access roads located along portions of the site boundary, as well as internally to the power blocks /towers.

- 10-ft wide dirt heliostat maintenance paths located concentrically around the power blocks/towers.

C. COMMON AREA

The triangular shaped Common Area located on the eastern portion of the project site will encompass a small building and switchyard. Drawings depicting the site layout provided by CH2M Hill indicate that approximately 8 acres of the Common Area will be disturbed to construct the building and switchyard (refer to Figure *7302HYD-A* in *Appendix B*). Adjustments are made to the curve number to represent impervious areas within this portion of the site.

D. TEMPORARY LAYDOWN AREA

A rectangular shaped temporary lay down area, located along the west boundary of the HHR SEGS site, will encompass a temporary heliostat manufacturing facility. The temporary lay down area is approximately 180 acres, and according to CH2M Hill, will be entirely graded during the heliostat manufacturing process. This area will be restored to natural existing conditions once all heliostats are installed onsite and the project is complete.

II. HYDROLOGIC AND HYDRAULIC ANALYSIS METHODOLOGY

A. EXISTING CONDITION CURVE NUMBER BACKGROUND

In the previously submitted *Hidden Hills Ranch SEGS Existing Condition Hydrologic and Hydraulic Analysis* by VTN Consulting, offsite runoff flows were determined with the U.S. Army Corps of Engineers (USACE) HEC-1 program while onsite runoff flows were determined with FLO-2D two dimensional flood routing model software. The offsite flows (hydrographs) from HEC-1 were inserted into the onsite FLO-2D grid system and allowed to permeate through the interpolated grid elevations derived from 1-ft contour topography.

In the *Existing Condition Hydrologic and Hydraulic Analysis*, both the onsite and temporary lay down areas were modeled with an SCS Curve Number (CN) to account for precipitation losses due to soil infiltration in order to determine runoff produced. The onsite CN was based on numerous physical factors such as:

- Land Cover – interpreted as desert shrub, in poor condition due to the low density of vegetation in desert environment encountered during field visits.

- Soil Type – denoted as soil # s5740 Besherm, according to the United States Department of Agriculture (USDA) National Resources Conservation Service (NRCS) General Soil Survey. The onsite and temporary lay down areas are located entirely within the boundary of soil # s5740 according to the soil survey boundaries (refer to referenced *Figure 7302HYD105* in *Appendix A*). This particular soil is composed of several minor components, which belong to different hydrologic groups (A through D). Type A soils have the greatest infiltration potential and produce the least runoff, while Type D soils have low infiltration potential and therefore produce the most runoff.

- Curve Number - CN values referenced from the USDA Technical Release 55 (TR-55); based on interpreted land cover and the soil minor components.

- Antecedent Moisture Condition (AMC) - Both AMC I and AMC II were used for offsite and onsite areas. It should be noted that the AMC I condition is the suggested condition within the San Bernardino Manual. AMC I was used for the large offsite watershed impacting the site from the south and the north. For the smaller watershed to the east, AMC II was used as a conservative measure to ensure that flows are not underestimated for this particular watershed. The AMC I condition represents dry conditions prior to the storm event and AMC II represents damp conditions prior to the storm event.

Based on these findings, the available data, and the referenced material, a composite CN of 83.5 was computed for both the onsite and temporary lay down area for the existing condition. Copies of the previously submitted existing condition FLO-2D and HEC-1 hydrologic analyses figures are included in *Appendix A* of this report for the 24-hour, 100, 25, 10, 5, and 2-year storm events.

B. COMPARISON BETWEEN EXISTING AND POST CONSTRUCTION

Since both HEC-1 and FLO-2D models were utilized concurrently in the preparation of the *Existing Condition Hydrologic and Hydraulic Analysis*, it was necessary to merge both models together in order to have a basis of comparison to the post construction analysis. In order to combine both models, the resulting output from FLO-2D was imported into HEC-1. To accomplish this, the following was performed for the 24-hour, 100-year storm which is the worst case scenario in terms of peak flows and runoff volumes (refer to *Figure 1* below).

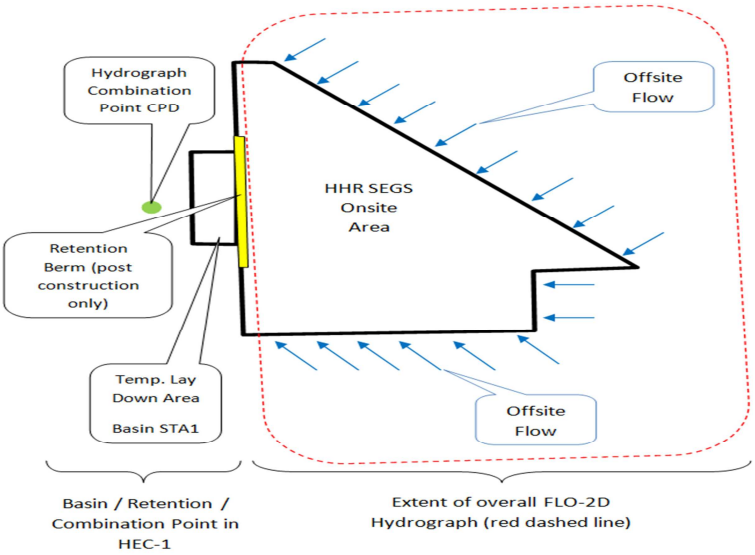
- An overall hydrograph from FLO-2D was input directly into the HEC-1 model. This overall hydrograph includes runoff from the offsite basins impacting the HHR SEGS site, as well as the onsite area.

- The temporary lay down area (basin STA1) was coded into the HEC-1 run downstream of the FLO-2D hydrograph. It should be noted that basin STA1 was coded as a regular basin in HEC-1, with area, CN, and synthetic unit hydrograph.

- Both hydrographs (FLO-2D and that determined by HEC-1 for basin STA1) were combined immediately downstream at combination point CPD. Combination point CPD now serves as the basis of comparison between the existing and post construction conditions in terms of peak flow.

- The difference between the existing and post construction analyses is the CN for the onsite and Lay Down areas. In addition, a reservoir basin card is included in the post-construction analysis to size and model an onsite retention facility that reduces peak flow discharges resulting from construction of the site.

Figure 1 – Overall Analysis Schematic



FLO-2D generated a hydrograph representing all of the flow that discharges from the site along the western boundary. This hydrograph was imported into HEC-1 and combined with basin STA1, which represents the temporary lay down area. This HEC-1 model now represents a hydrologic post construction analysis that is fully correlated with the FLO-2D model for the site.

The reason for the FLO-2D results being imported into HEC-1 program is so that HEC-1 reservoir cards could be used to determine retention storage and outflow reduction. FLO-2D also has the capability of determining such parameters; however the program has some drawbacks in using it for design and evaluation of retention storage and outflow.

The first drawback is that FLO-2D is based on a grid system and not actual topography. The grid system is a good representation of the actual topography and functions well with runoff determination and hydraulic depths/velocities. HEC-1 software on the other hand, allows input of stage and storage values based on the actual topography for retention storage determination. This allows for a very accurate determination of storage and flow reductions for the proposed retention system.

The second drawback with FLO-2D software is the associated program run times. Executing the FLO-2D model(s) takes hours due to the complex computational process and the large flow values involved with this project. The HEC-1 program allows storage computations and iterations to proceed much more quickly (minutes) making the iterative design of retention facilities much more feasible. HEC-1 was therefore utilized to model a proposed retention system by CH2M Hill. This system will be described more in depth within Section II D of this report. In addition, the retention system is subsequently incorporated into the FLO-2D models to determine the impacts on the hydraulics. Impacts by the retention system on the hydraulics are summarized in Section III B of this report. It should be noted that overall, the storage and flow reductions between the FLO-2D and HEC-1 results match within reasonable limits.

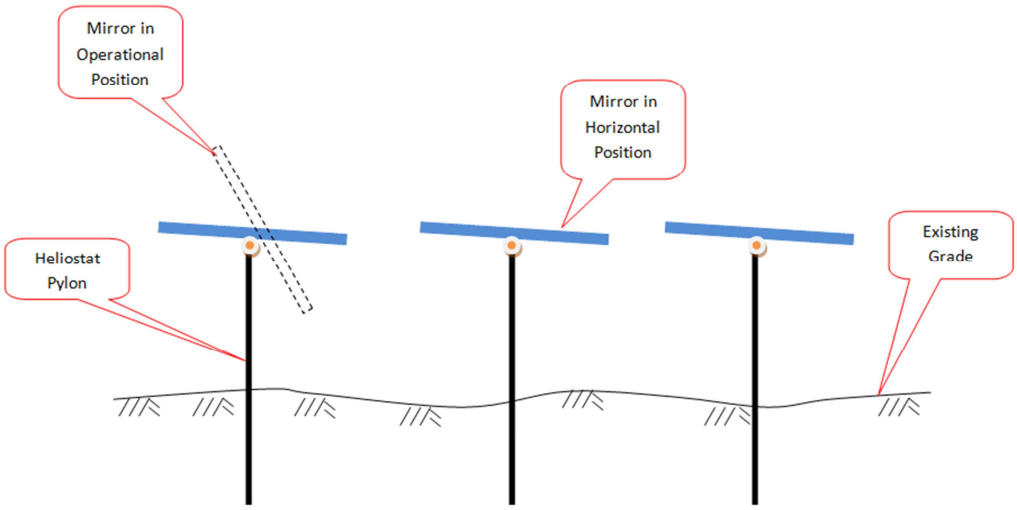
Results from the post construction FLO-2D analysis are included in *Appendices B* and *E*, while existing and post construction HEC-1 analysis results are included in *Appendix D* of this report. A summary of results is also included in Section III A of this report for comparison purposes.

C. POST CONSTRUCTION CURVE NUMBER ADJUSTMENT

Based on the construction descriptions included in Sections I A through D of this report, an adjustment was performed to the existing condition CN in order to model the post-construction condition. Several conservative assumptions have been made in the process of adjusting the CN. These assumptions are noted below:

- Heliostat / Mirrors – it is assumed that during storm operation mode, all mirrors will be positioned horizontally (flat) by the operator or controlling system(s) (refer to *Figure 2* below). Positioning all the mirrors horizontally, instead of at an angled pitch during normal operation, results in the greatest impervious mirror projected area as seen from an elevated view. Since the mirror projected area is impervious, it is calculated based on the mirror dimensions, count, and a percentage determined from the overall area. As mentioned previously, BrightSource Energy provided the anticipated number of heliostats, and typical mirror dimensions. The mirror area was assigned a CN of 98, which corresponds to impervious areas.

Figure 2 – Heliostat / Mirror Impervious Area Schematic



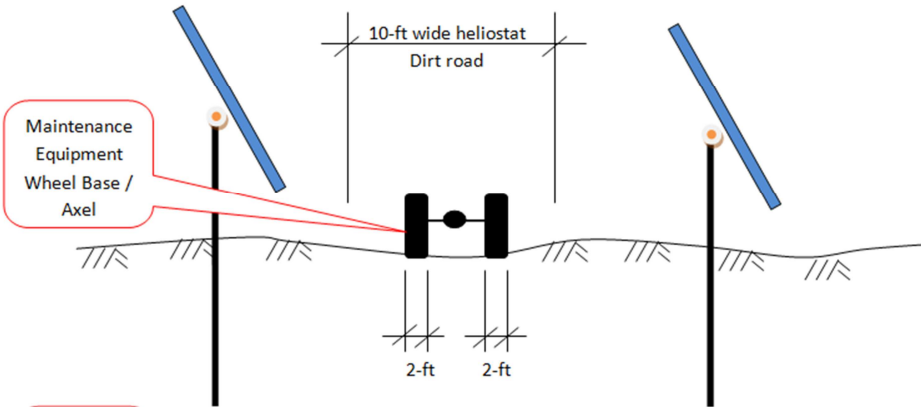
- Based upon the latest site layout plan by CH2M Hill depicted on Figure *7302HYD-A*, all of the asphaltic pavement area (including the 20-ft wide access roads, power blocks, and common area building) have been tabulated and a percentage of the total area was determined. The asphaltic pavement area was assigned a CN of 98.

- The area for all the 12 and 20-ft wide access perimeter roads was calculated. The site layout plan details specify 6" ABC stone (comparable to Type II aggregate base) over native material for the surface of the access roads. Although Type II aggregate base is considered to be fairly porous, it is assumed that the total access road area

be classified as newly "graded." This classification corresponds to a higher CN value when compared to the existing condition, and a lower CN when compared to asphaltic pavement. These areas were assigned a CN of 90.3.

- The area for all the 10-ft wide dirt heliostat maintenance roads (located in concentric circles around the towers) was calculated. During a field visit to a similar project in San Bernardino County California, it was observed that these types of roads are moderately cleared and grubbed of vegetation but not entirely graded. However, since maintenance vehicles are expected to commute within the concentric dirt roads (mainly for washing the mirrors), it is assumed that some sort of compaction will occur along the wheel base tracks of the equipment. Since the dirt roads are proposed as 10-ft wide, it is assumed that the maximum wheel base width of the maintenance/washing equipment be no more than 4-ft. Therefore, a ratio of a portion of the compacted dirt road to that in the existing state (40% or 4/10) is assumed. The compacted portion (40%) of the dirt road is assigned a "graded "condition CN of 90.3, while the remaining 60% is represented as an existing condition CN of 83.5. Refer to *Figure 3* below.

Figure 3 – Heliostat Dirt Road Schematic



Based on the overall area land use cover break down computed for the proposed improvements, a post construction composite CN was determined for the onsite area (refer to *Appendix C* for detailed calculations). The composite CN is summarized in the table below:

Table 1 - Post Construction CN

Onsite Post Construction CN Calculation	
Impervious Condition Area =	14.5% x 98 = 14.2
Graded Condition Area =	3.0% x 90.3 = 2.7
Existing (remaining) Condition Area =	82.5% x 83.5 = 68.9
Composite CN	= 14.2 + 2.7 + 68.9 = 85.8

Since all of the impervious area proposed within the HHR SEGS project is non contiguous, with pervious areas located in between, a correction was applied to the composite CN reported in Table 1. This correction lowers the CN to account for infiltration as flow runs off

impervious areas (mirrors and asphaltic roads) and sheet flows over pervious areas (dirt roads, graded areas, and undisturbed cover) and back over imperviousness. The correction to the composite CN was made by referencing equation 3.52 from section 3.7 of *McCuen, R.; 2005* as shown below:

Equation 1 – Unconnected Impervious Area Correction

$$CN_C = CN_P + I_f(98 - CN_P)\ (1\text{-}0.5R)$$

Where:

- I_f is the fraction of impervious cover
- CN_P is the pervious area CN
- R is the ratio of the unconnected impervious area to the total impervious area
- CN_C is the adjusted CN value

The CN adjustment calculation is provided in *Appendix C* of this report. Overall, the resulting CN value (after adjustment) for the onsite area is reported as 84.7. This represents a decrease in value of 1.1 from the composite CN reported in Table 1. As mentioned previously, the temporary lay down area is assumed to be entirely graded. Therefore, according to the CN calculations for soil s5740, the temporary lay down area is assigned a CN of 90.3.

D. POST CONSTRUCTION HYDROLOGIC AND ONSITE RETENTION ANALYSIS

As mentioned in Section II B of this report, the post construction hydrologic analysis will consist of modifying the CN for the onsite and temporary lay down areas for the 24-hour, 100-year storm event. All other hydrologic parameters, such as the precipitation distributions, rainfall depths, and synthetic unit hydrographs remain the same. The comparison between existing and post construction is made by examining the results at combination point CPD, located downstream of the temporary lay down area.

Onsite retention is being proposed to mitigate the increase in peak flows emanating from the onsite. Based upon the civil plans from CH2M Hill, onsite retention is being proposed along the western boundary of the site by elevating the western perimeter roadway above existing grade (creating a berm) to a constant elevation of 2588.8-ft. This proposed onsite retention was simulated in the post-construction HEC-1 model with a reservoir card. The runoff accumulating within the onsite retention area would have to build up past an elevation of 2588.8-ft in order to weir (crest) over. All flows within the basin would need to either infiltrate into the soil or evaporate in order to drain the basin. This analysis supports the proposed design by CH2M Hill.

Stage-storage values for use in the reservoir card were obtained by utilizing AutoCAD Civil 3D software by comparing the onsite 1-ft contour topography and a fill volume surface at different elevations. The weir discharges quantifying the overtopping flow were determined by using the Flowmaster program by Bentley Software. These reservoir card input values are summarized in *Appendix D*.

E. POST CONSTRUCTION FLO-2D HYDRAULIC ANALYSIS

A post construction FLO-2D analysis for the onsite area was performed for all storm events (24-hour, 100, 25, 10, 5, and 2-year storms). As mentioned previously, the onsite area CN was modified to reflect a value of 84.7 as stated in Section II C of this report. This FLO-2D model also includes offsite flows permeating through the site. In addition, portions of the grid were modified to reflect improvements proposed by CH2M Hill. These improvements include: raising of the western perimeter roadway to an elevation of 2588.8-ft (onsite retention basin) and a flood protection earthen berm around the unit 2 power block.

Cross sections embedded within the FLO-2D grid (CS1 though CS7) represent maximum depths and velocities within the site in the post-construction condition. Refer to the figures in *Appendix B* of this report for cross section locations and Section III B for a summary of results.

III. RESULTS

A. POST CONSTRUCTION HYDROLOGIC/RETENTION ANALYSIS RESULTS AND COMPARISON

The HEC-1 analysis utilized to evaluate the post construction condition contains two hydrologic basins. Basin "Onsite" represents the hydrograph from FLO-2D, which includes all the flow discharging from along the western boundary of the HHR SEGS site. Basin STA1 represents the flows for the temporary lay down area. The combination of both basins is represented by combination point CPD. A HEC-1 analysis based on these basins was completed for both the existing and post construction conditions in order to determine increases in peak flow resulting from construction of the site. The post construction HEC-1 analysis contains the elevated roadway along the western boundary.

The results for basin STA1 and combination point CPD in terms of peak flow are reported in Table 2 shown below:

Table 2 – Peak Flow Summary

24-Hour, 100-Year Storm Event Peak Flows		
Basin/ Combination Point	Existing Condition Peak Flow (cfs)	Post Construction Peak Flow (cfs) (w/proposed CH2M Hill Elevated Roadway Option).
"Onsite"	10,780	10,747
STA1	118	148
CPD	10,790	10,758

Results for the onsite retention basin are presented below in Table 3:

Table 3 – Onsite Retention Summary

24-Hour, 100-Year Storm Onsite Retention Basin Summary		
Onsite Retention Basin	Peak Storage Volume (ac-ft)	Peak Stage (ft)
CH2M Hill Elevated Roadway	195.4	2589.41

According to the results summarized in the tables shown above, the elevated roadway (onsite retention facility) will reduce the peak flow to below existing condition flows at combination point CPD.

Although onsite retention is being proposed by CH2M Hill to mitigate the increase in flows from construction of the site, a storm drain should be installed at the retention low point to expedite draining of the basin after a storm event. Slowly draining the retention basin is recommended due to the nature of the soils at the site per the geotechnical engineer's sub-surface investigation. A culvert will be installed at the low point of the retention basin to drain the basin within a 24-hour period. Through previous analyses and calculations, it has been determined that installing small diameter culverts (such as 18-inch pipes) do not largely affect the storage capacity or discharge due to the large flow tributary to the facility.

B. FLO-2D HYDRAULIC ANALYSIS RESULTS

Table 4 shown below summarizes the post construction analysis results for the various cross sections embedded throughout the onsite area in the FLO-2D grid and compares them with the existing condition analysis. Note that the FLO-2D summary results summarize only hydraulic properties (depth and velocities).

Table 4 – FLO-2D Flood Plain Cross Sections

FLO-2D Hydraulic Analysis Flood Plain Cross Section Summary				
24-Hour, 100-Year				
Cross Section	**Existing Condition**		**Post Construction**	
	Max. Depth (ft.)	**Max. Velocity (ft/s)**	**Max. Depth (ft.)**	**Max. Velocity (ft/s)**
CS 1	1.07	1.25	1.07	1.25
CS 2	0.61	0.99	0.61	0.99
CS 3	2.20	1.87	3.12	2.39
CS 4	1.06	1.27	1.06	1.27
CS 5	0.81	0.73	4.54	1.74
CS 6	2.36	1.63	5.21	4.35
CS 7	1.70	2.37	3.11	2.38

24-Hour, 25-Year				
CS 1	0.93	1.13	0.93	1.12
CS 2	0.52	0.83	0.52	0.83
CS 3	1.62	1.37	2.33	1.68
CS 4	0.89	1.11	0.89	1.11
CS 5	0.64	0.70	3.79	1.09
CS 6	1.87	1.17	4.36	3.49
CS 7	1.21	1.78	2.30	1.78
24-Hour, 10-Year				
CS 1	0.80	1.00	0.80	1.00
CS 2	0.44	0.75	0.44	0.75
CS 3	1.17	1.00	1.70	1.23
CS 4	0.72	0.94	0.72	0.94
CS 5	0.48	0.59	3.39	0.72
CS 6	1.54	0.94	3.78	2.75
CS 7	0.88	1.36	1.73	1.36
24-Hour, 5-Year				
CS 1	0.71	0.91	0.71	0.91
CS 2	0.36	0.66	0.36	0.66
CS 3	0.88	0.78	1.29	0.96
CS 4	0.56	0.76	0.56	0.76
CS 5	0.36	0.28	3.12	0.49
CS 6	1.32	0.78	3.36	2.10
CS 7	0.69	1.11	1.35	1.11
24-Hour, 2-Year				
CS 1	0.58	0.79	0.58	0.79
CS 2	0.33	0.68	0.33	0.68
CS 3	0.30	0.37	0.43	0.41
CS 4	0.46	0.55	0.46	0.55
CS 5	0.02	0	1.43	0.22
CS 6	0.62	0.22	1.47	0.23
CS 7	0.02	0.02	0.02	0.02

From the results denoted above, it is evident that the increases in depth occur at cross sections CS4 through CS7 located along the western boundary of the site near the retention basin area. Cross section CS3 also encounters an increase in depth due to the flood protection earthen berm proposed around the power block.

IV. REFERENCES

1. U.S. Department of Agriculture (USDA) Technical Release 55, 1983

2. VTN Consulting: Hidden Hills Ranch SEGS - Existing Condition Hydrologic & Hydraulic Analysis, April 2011.

3. CH2M Hill: Preliminary Design Issue Plans for Hidden Hills Solar Electric Generating Station May 2011.

4. McCuen, R. 2005; Hydrologic Analysis and Design 3rd Edition; Section 3.7 Runoff Curve Numbers; Prentice Hall; New Jersey.

APPENDICES

List of Appendices for Post Construction Hydrologic and Hydraulic Analysis

A. REFERENCED MATERIAL / FIGURES

i. Referenced Figure 7302HYD100: Existing Condition Basin Map
ii. Referenced Figure 7302HYD105: Overall Soils Exhibit
iii. Referenced Figure 7302HYD101: FLO-2D Depth Map, 24-Hour, 100-Year
iv. Referenced Figure 7302HYD102: FLO-2D Velocity Map, 24-Hour, 100-Year
v. Referenced Figure 7302HYD106: FLO-2D Depth Map, 24-Hour, 25-Year
vi. Referenced Figure 7302HYD107: FLO-2D Velocity Map, 24-Hour, 25-Year
vii. Referenced Figure 7302HYD108: FLO-2D Depth Map, 24-Hour, 10-Year
viii. Referenced Figure 7302HYD109: FLO-2D Velocity Map, 24-Hour, 10-Year
ix. Referenced Figure 7302HYD110: FLO-2D Depth Map, 24-Hour, 5-Year
x. Referenced Figure 7302HYD111: FLO-2D Velocity Map, 24-Hour, 5-Year
xi. Referenced Figure 7302HYD112: FLO-2D Depth Map, 24-Hour, 2-Year
xii. Referenced Figure 7302HYD113: FLO-2D Velocity Map, 24-Hour, 2-Year

B. POST CONSTRUCTION ANALYSIS FIGURES

i. 7302HYD-A: Post Construction Land Use Interpretation
ii. Figure 7302HYD101A: FLO-2D Depth Map, 24-Hour, 100-Year
iii. Figure 7302HYD102A: FLO-2D Velocity Map, 24-Hour, 100-Year
iv. Figure 7302HYD106A: FLO-2D Depth Map, 24-Hour, 25-Year
v. Figure 7302HYD107A: FLO-2D Velocity Map, 24-Hour, 25-Year
vi. Figure 7302HYD108A: FLO-2D Depth Map, 24-Hour, 10-Year
vii. Figure 7302HYD109A: FLO-2D Velocity Map, 24-Hour, 10-Year
viii. Figure 7302HYD110A: FLO-2D Depth Map, 24-Hour, 5-Year
ix. Figure 7302HYD111A: FLO-2D Velocity Map, 24-Hour, 5-Year
x. Figure 7302HYD112A: FLO-2D Depth Map, 24-Hour, 2-Year
xi. Figure 7302HYD113A: FLO-2D Velocity Map, 24-Hour, 2-Year

C. POST CONSTRUCTION COMPOSITE SOIL -CURVE NUMBER (CN) CALCULATIONS

i. Post Construction Composite Soil Calculations
ii. Post Construction Land Use Breakdown
iii. Composite CN Calculation and Unconnected CN Adjustment Calculation
iv. Referenced USDA TR-55 CN Table
v. Unconnected CN Adjustment Reference Material

D. RETENTION HEC-1 ANALYSES AND CALCULATIONS

i. Stage-Volume & Stage-Weir Discharge Summary Table
ii. Existing Condition 24 Hour, 100-Year HEC-1

iii. Post Const. Cond. 24 Hour, 100-Year HEC-1

E. POST CONSTRUCTION FLO-2D ANALYSIS OUTPUT

i. 24-Hour, 100-Year SUMMARY.OUT File
ii. 24-Hour, 25-Year SUMMARY.OUT File
iii. 24-Hour, 10-Year SUMMARY.OUT File
iv. 24-Hour, 5-Year SUMMARY.OUT File
v. 24-Hour, 2-Year SUMMARY.OUT File

APPENDIX A:

REFERENCED MATERIAL/FIGURES

Basin / Combination Pt. Label	Area (sq.mi.)	24-HR Q100-YR (cfs)	24-HR Q25-YR (cfs)	24-HR Q10-YR (cfs)	24-HR Q5-YR (cfs)	24-HR Q2-YR (cfs)
LOVEL	53.18	7,508	3,584	1,763	866	170
EAST1	2.70	691	383	218	123	36
TROUT	109.75	13,819	6,220	3,112	1,328	238
OFF1A	1.44	282	175	114	77	36
OFF1B	4.37	710	446	293	202	98
OFF1C	1.25	259	161	105	72	33
OFF1D	1.15	245	153	100	68	32
OFF1E	4.74	773	489	325	225	111
OFF1F	2.28	413	255	166	113	52
OFF1G	1.74	158	69	28	10	2
OFF1Z	0.64	171	109	72	49	23
OFF2	26.22	2,006	1,135	471	221	44
OFF3	6.13	537	266	109	44	8
OFF4	30.13	2,011	1,142	442	190	37
OFF5	50.58	1,076	335	126	2	0
OFF7	1.77	46	6	1	0	0
OFF8	10.42	177	26	1	0	0
OFF9	0.91	11	1	0	0	0
OFF11	11.66	311	74	25	4	0
OFF12	19.01	2,739	1,995	1,356	832	420
ON1	2.35	285	118	46	16	2
ON2	4.84	1,127	674	442	301	138
ON3	3.98	419	175	75	28	4
STA1	0.28	118	73	49	34	16
RT1	53.18	7,314	3,628	2,305	1,524	205
RT2	109.75	13,581	6,118	3,276	1,860	238
CP1	86.01	9,052	4,577	2,587	1,540	218
CP2	136.59	9,692	4,760	2,755	1,383	205
CP3	143.84	15,886	7,351	3,762	2,066	259
CP4	146.19	15,977	7,397	3,782	2,074	259
CP5	284.55	23,619	11,250	5,646	2,573	441
CP6	294.97	23,710	11,251	5,646	2,573	441
CP7	295.88	23,712	11,251	5,646	2,573	441
CP8	328.25	23,931	11,301	5,649	2,573	441
CP9	332.23	26,282	12,612	6,264	2,912	551
CP10	351.24	28,765	14,314	7,122	3,520	719
CPA	15.87	2,576	1,580	1,030	703	332
CPC	20.71	3,500	2,101	1,364	925	426
CPD	20.99	3,558	2,132	1,384	939	431
	Denotes Basins Impacting Site Boundary					
	Basin hydrograph combination points are denoted as “CP”					

SR 160 Station (m)	U.S. Cust. Units Structure List	GIS Label
"PEM" 58+68.40	(2) 48 in. CMP	CX1
"PEM" 54+04.20	(3) 54 in. CMP	CX2
"PEM" 44+92.20	(3) 60 in. CMP	CX3
"PEM" 36+65.00	(1) 48 in. CMP	CX4
"PEM" 34+95.50	(1) 72 in. CMP	CX5
"PEM" 31+47.50	(1) 36 in. CMP	CX6
"PEM" 30+50.00	(1) 54 in. CMP	CX7
"PEM" 27+09.50	(1) 36 in. CMP	CX8
"PEM" 26+25.20	(3) 54 in. CMP	CX9
"PEM" 20+76.00	(2) 54 in. CMP	CX10
"PEM" 3+57.50	(3) 8ft x 5ft RCB	CX11
"OEM" 175+57.70	(4) 10ft x 3ft RCB	CX12
"OEM" 160+43.20	(2) 8ft x 7ft RCB	CX13
"OEM" 152+23.40	(3) 10ft x 7ft RCB	CX14
"OEM" 131+74.40	(2) 8ft x 6ft RCB	CX15
"OEM" 128+12.70	(2) 8ft x 8ft RCB	CX16
"OEM" 116+87.50	(1) 48 in. CMP	CX17
"OEM" 111+85.50	(1) 36 in. CMP	CX18
"OEM" 108+28.00	(1) 30 in. CMP	CX19
"OEM" 105+13.90	(1) 24 in. CMP	CX20
"OEM" 102+76.50	(3) 48 in. CMP	CX21
"OEM" 98+27.30	(1) 30 in. CMP	CX22
"OEM" 94+96.90	(2) 36 in. CMP	CX23
"OEM" 90+39.20	(1) 30 in. CMP	CX24
"OEM" 87+23.60	(1) 30 in. CMP	CX25
"OEM" 84+60.10	(1) 36 in. CMP	CX26
"OEM" 80+24.10	(1) 30 in. CMP	CX27
"OEM" 77+65.90	(1) 36 in. CMP	CX28
"OEM" 73+22.90	(1) 30 in. CMP	CX29
"OEM" 71+16.20	(1) 36 in. CMP	CX30
"OEM" 66+72.90	(1) 30 in. CMP	CX31
"OEM" 62+27.60	(1) 24 in. CMP	CX32
"OEM" 60+50.25	(1) 24 in. CMP	CX33
"OEM" 59+06.90	(1) 30 in. CMP	CX34
"OEM" 57+71.90	(1) 30 in. CMP	CX35
"OEM" 54+24.90	(1) 36 in. CMP	CX36
"OEM" 49+01.16	(3) 12ft x 10ft RCB	CX37
"OEM" 38+25.82	(1) 42 in. CMP	CX38
"OEM" 24+31.32	(2) 48 in. CMP	CX39

REVISIONS:

DATE	REV. BY	DESCRIPTION
2/7/11	RV	Flow tables rev. per 2nd iteration SB County method
3/8/11	RV	Note change for Q summ. table, Explains CP = combination point, per BSE comment. Culverts shown.
4/5/11	RV	Added NDOT culvert crossings with structure ID table. Added 2 & 5-yr storm flows to summary table.
5/16/11	RV	Updated flow table to reflect new basin "STA1" to reflect staging area.

INYO COUNTY, CA

BRIGHTSOURCE ENERGY

2727 S. Rainbow Boulevard
Las Vegas, NV 89146
Tel. (702) 873-7550
Fax (702) 362-2597
www.vtnnv.com

EXISTING CONDITION BASIN MAP

HIDDEN HILLS RANCH SEGS

PROJECT NO: 7302
DRAWN BY: RV
DATE: 05/16/2011
SCALE: 1 " = 8,000 '
SHEET 7302HYD100

Path: J:\7302 - Hidden Hills\GIS\mxd\7302_BasinsMap.mxd; Date: 5/16/2011

DATE	REV. BY	DESCRIPTION
5/16/11	RV	Added basin STA1 for clipping area

BRIGHTSOURCE ENERGY

INYO COUNTY, CA

2727 S. Rainbow Boulevard
Las Vegas, NV 89146
Tel (702) 362-2599
Fax (702) 362-2597
www.vtnnv.com

OVERALL SOILS EXHIBIT

HIDDEN HILLS RANCH SEGS

PROJECT NO: 7302

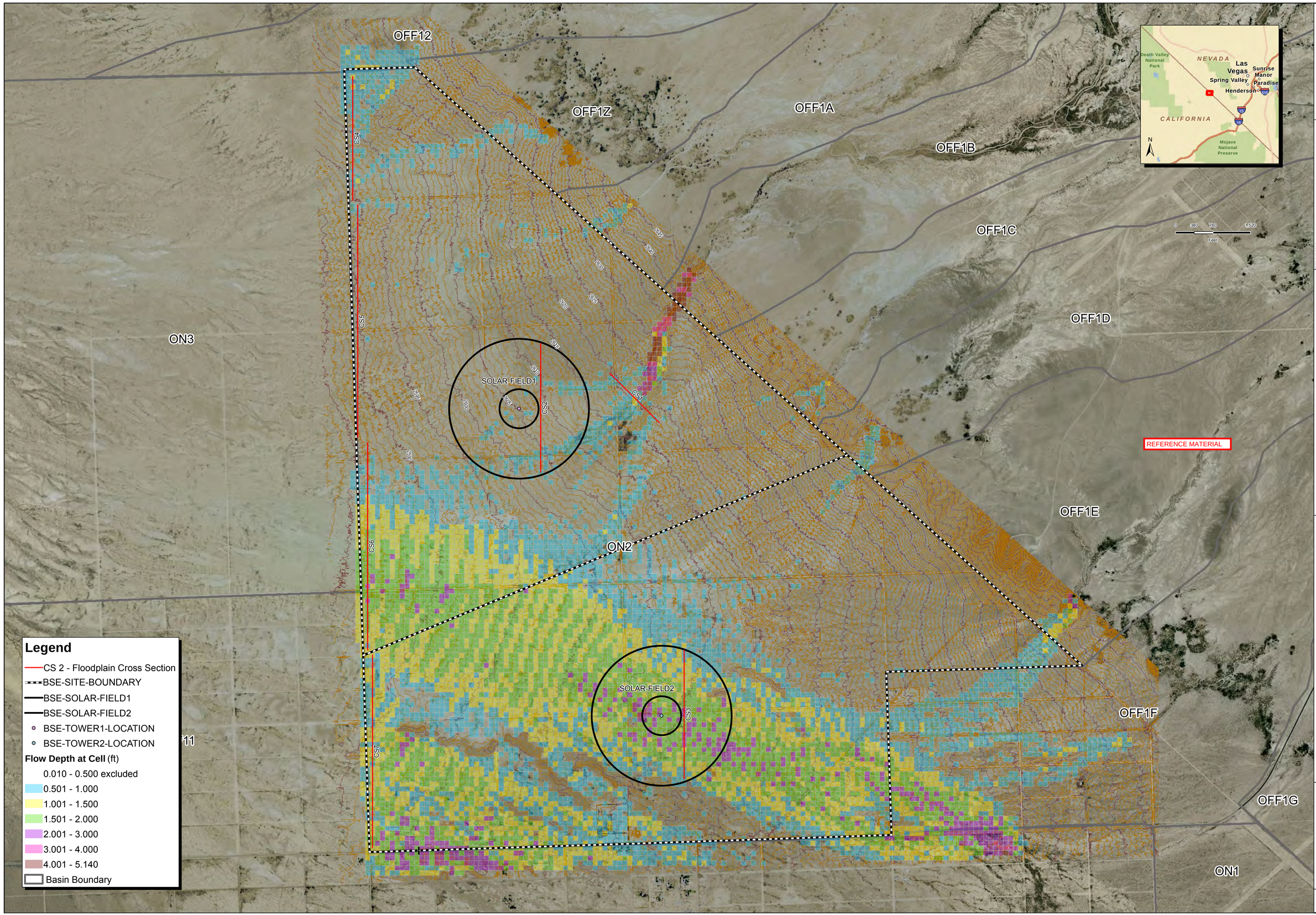
DRAWN BY: RV

DATE: 05/16/2011

SCALE: 1 " = 8,000 '

SHEET 7302HYD105

Path: J:\7302 - Hidden Hills\GIS\mxd\7302_Soils.mxd; Date: 5/16/2011



REVISIONS		
DATE	REV. BY	DESCRIPTION
2/7/11	SB	Revised FLO-2D per revised hydrology analysis; added channel/fp cross sections.
3/23/11	SB	Added offsite analysis hydrograph.
4/4/11	SB	Readjusted off hydrographs and FP cross sections.

INYO COUNTY, CA

BRIGHTSOURCE ENERGY

2727 S. Rainbow Boulevard
Las Vegas, NV 89146
Tel (702) 382-2500
Fax (702) 382-2597
www.vtnnv.com

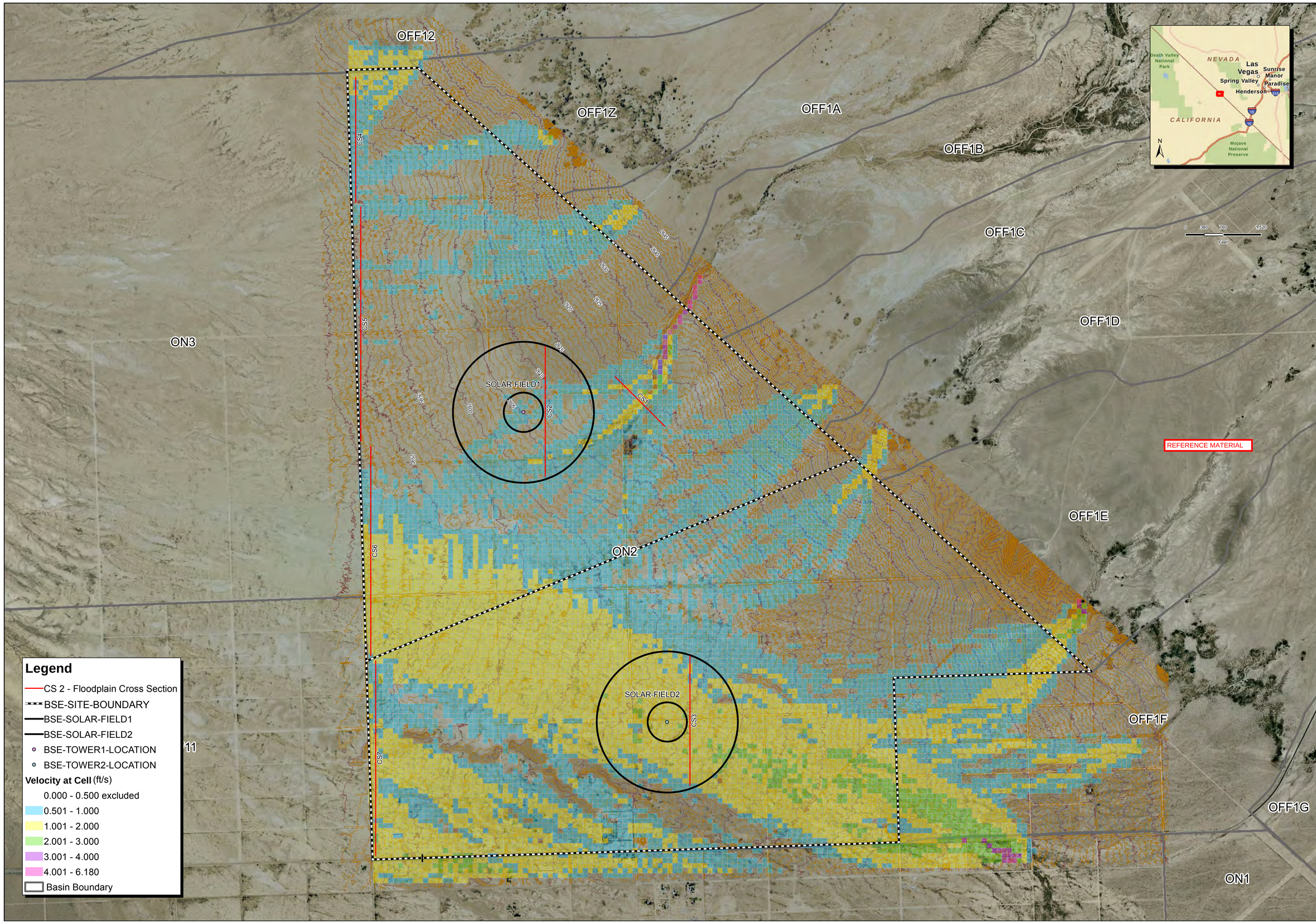
FLO-2D DEPTH MAP
24HR-100YR

HIDDEN HILLS RANCH SEGS

PROJECT NO:	7302
DRAWN BY:	SDB
DATE	4/4/2011
SCALE:	1 " = 800 '

SHEET
7302HYD101

Path: J:\7302 - Hidden Hills\GIS\hydr\7302_flo2d_depth_24hr100yr.mxd; Date: 4/4/2011



DATE	REV. BY	DESCRIPTION
2/7/11	SB	Revised FLO-2D per revised hydrology analysis; added channel/fp cross sections.
3/23/11	SB	Added offsite analysis hydrograph.
4/4/11	SB	Readjusted off hydrographs and FP cross sections.

INYO COUNTY, CA

BRIGHTSOURCE ENERGY

2727 S. Rainbow Boulevard
Las Vegas, NV 89146
Tel (702) 362-5599
Fax (702) 362-2597
www.vtnnv.com

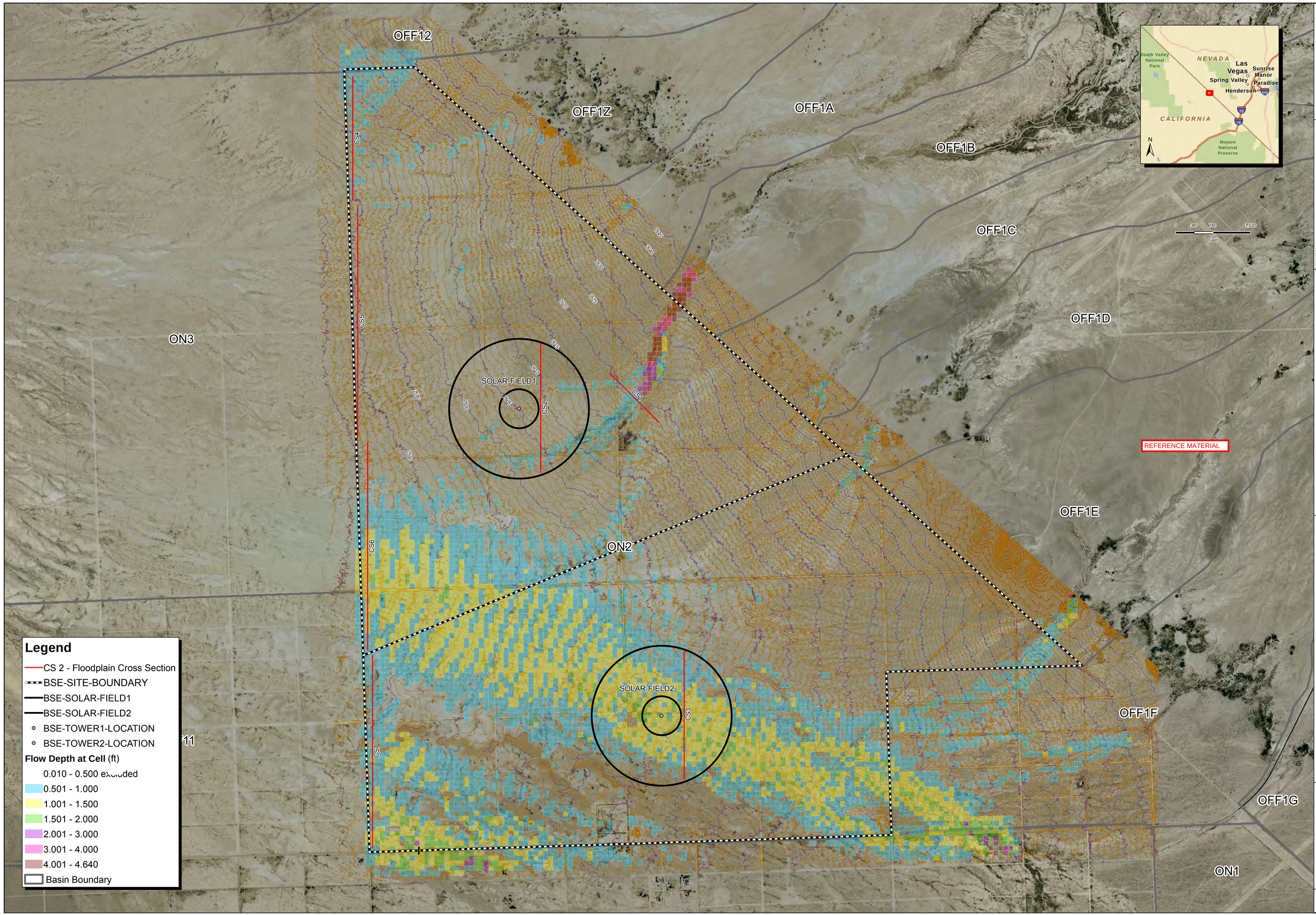
FLO-2D VELOCITY MAP
24HR-100YR

HIDDEN HILLS RANCH SEGS

PROJECT NO: 7302
DRAWN BY: SDB
DATE: 4/4/2011
SCALE: 1 " = 800 '
SHEET: 7302HYD102

Path: J:\7302 - Hidden Hills\GIS\mxd\7302_flo2d_vel_24hr100yr.mxd; Date: 4/4/2011

BSE Document Control Number: HYD300-FINAL



REVISIONS		
DATE	REV. BY	DESCRIPTION
2/7/11	SB	Revised FLO-2D per revised hydrology analysis; added channel/fp cross sections.
3/23/11	SB	Added offsite analysis hydrograph.
4/4/11	SB	Readjusted off hydrographs and FP cross sections.

INYO COUNTY, CA

BRIGHTSOURCE ENERGY

2727 S. Rainbow Boulevard
Las Vegas, NV 89146
Tel (702) 382-2500
Fax (702) 382-2597
www.vtnnv.com

FLO-2D DEPTH MAP
24HR-25YR

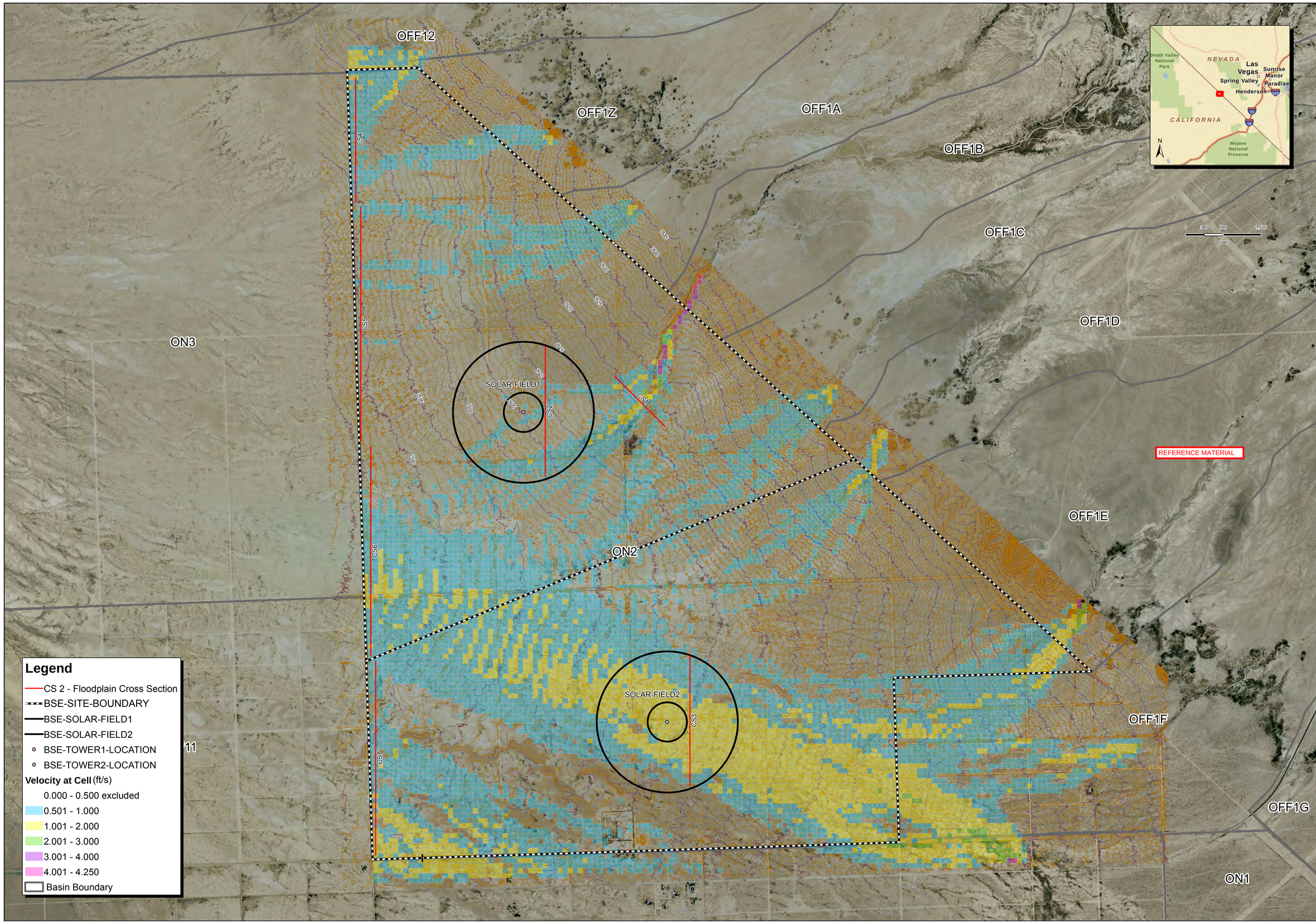
HIDDEN HILLS RANCH SEGS

PROJECT NO:	DRAWN BY:	DATE	SCALE:
7302	SDB	4/4/2011	1 " = 800 '

SHEET
7302HYD106

Path: J:\7302 - Hidden Hills\GIS\hyd\7302_flo2d_depth_24hr25yr.mxd; Date: 4/6/2011

BSE Document Control Number: HYD300-FINAL



DATE	REV. BY	DESCRIPTION
2/7/11	SB	Revised FLO-2D per revised hydrology analysis; added channel/fp cross sections.
3/23/11	SB	Added offsite analysis hydrograph.
4/4/11	SB	Readjusted off hydrographs and FP cross sections.

INYO COUNTY, CA

BRIGHTSOURCE ENERGY

2727 S. Rainbow Boulevard
Las Vegas, NV 89146
Tel (702) 382-2500
Fax (702) 382-2597
www.vtnnv.com

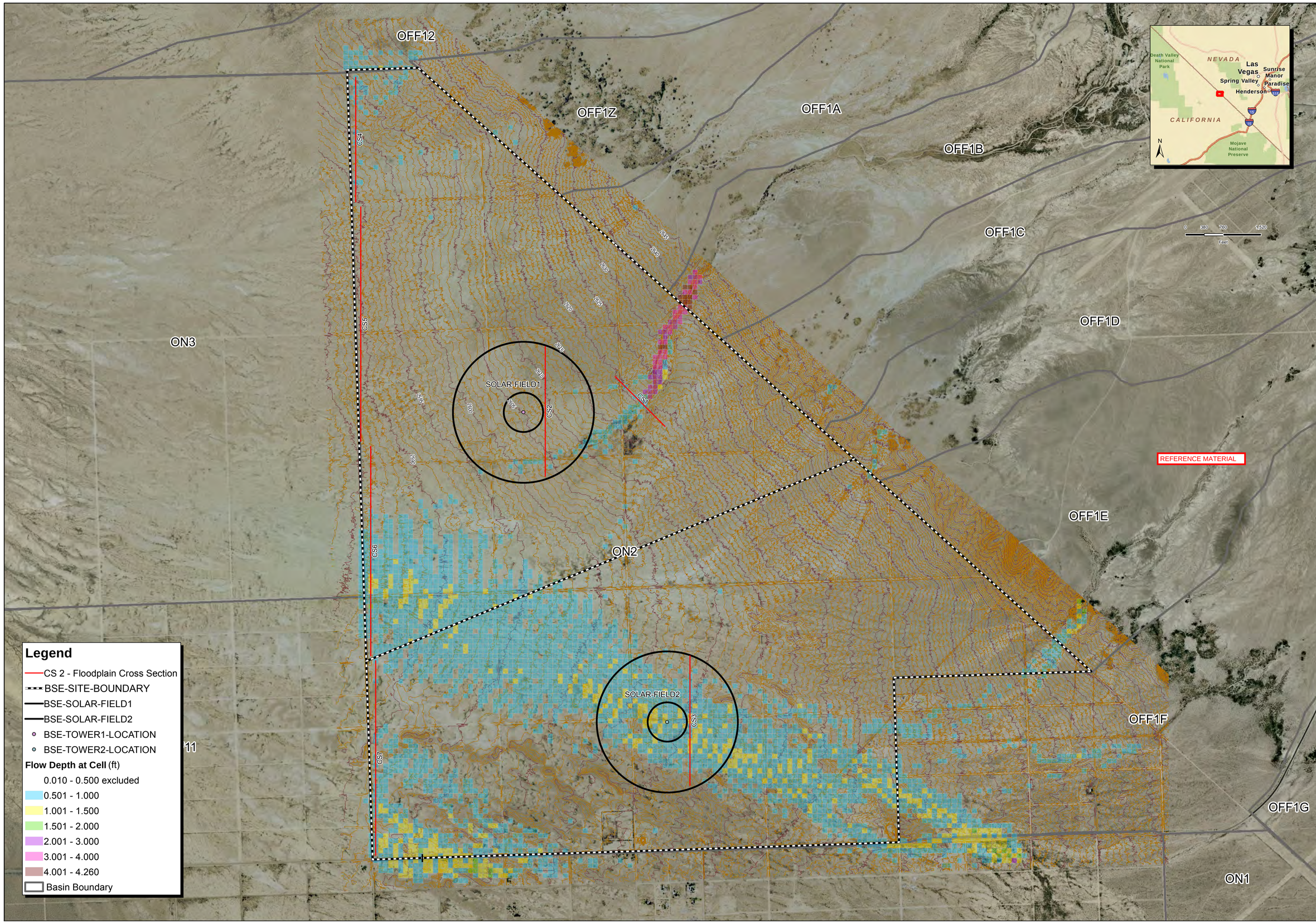
FLO-2D VELOCITY MAP
24HR-25YR

HIDDEN HILLS RANCH SEGS

PROJECT NO: 7302
DRAWN BY: SDB
DATE: 4/4/2011
SCALE: 1 " = 800 '
SHEET: 7302HYD107

Path: J:\7302 - Hidden Hills\GIS\mxd\7302_flo2d_vel_24hr25yr.mxd; Date: 4/6/2011

BSE Document Control Number: HYD300-FINAL



DATE	REV. BY	DESCRIPTION
2/7/11	SB	Revised FLO-2D per revised hydrology analysis; added channel/p cross sections.
3/23/11	SB	Added offsite analysis hydrograph.
4/4/11	SB	Readjusted off hydrographs and FP cross sections.

INYO COUNTY, CA

BRIGHTSOURCE ENERGY

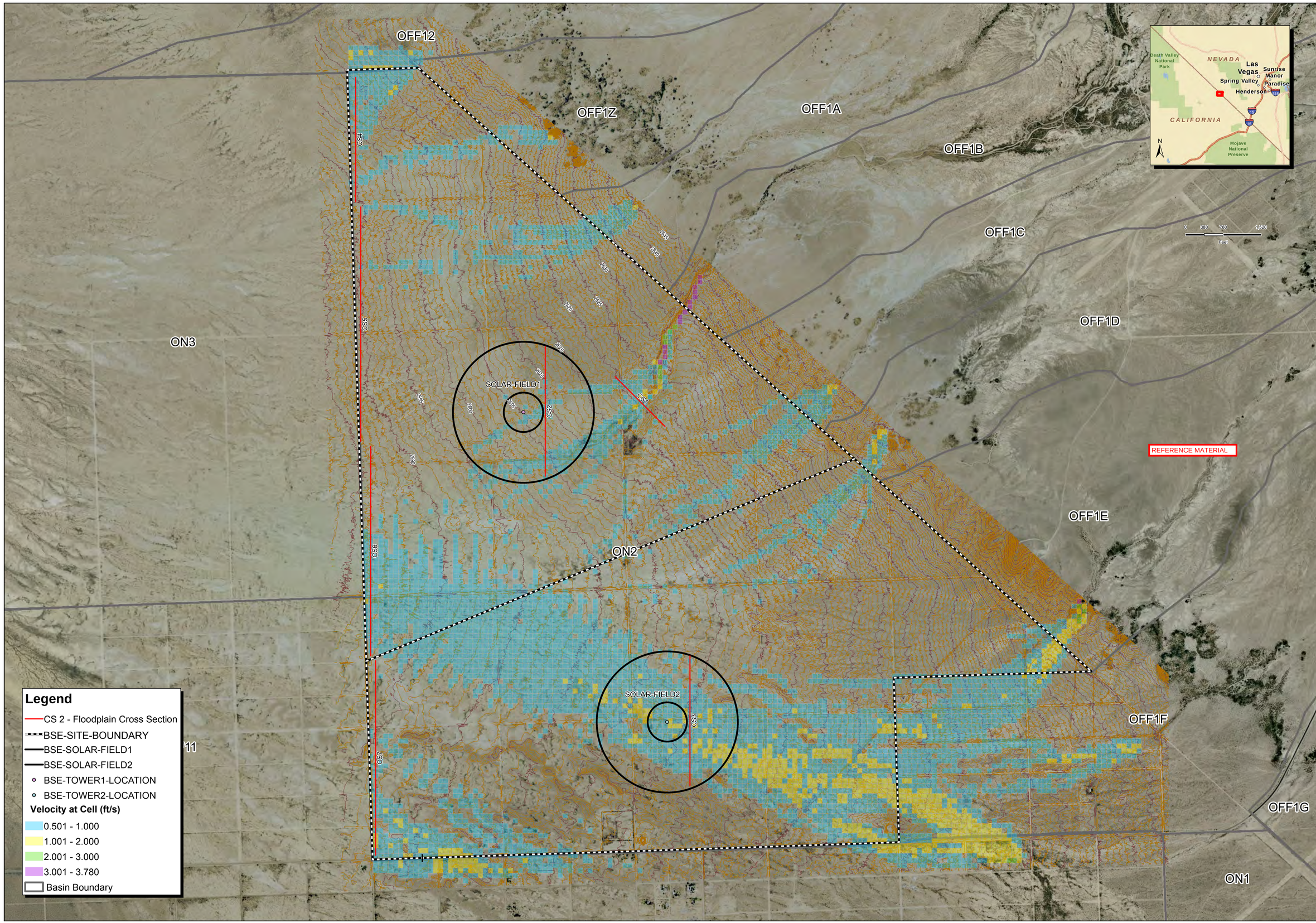
2727 S. Rainbow Boulevard
Las Vegas, NV 89146
Tel (702) 382-2500
Fax (702) 382-2597
www.vtnnv.com

FLO-2D DEPTH MAP
24HR-10YR

HIDDEN HILLS RANCH SEGS

PROJECT NO: 7302
DRAWN BY: SDB
DATE: 4/4/2011
SCALE: 1 " = 800 '
SHEET: 7302HYD108

Path: J:\7302 - Hidden Hills\GIS\mxd\7302_flo2d_depth_24hr10yr.mxd; Date: 4/6/2011



DATE	REV.	BY	DESCRIPTION
2/7/11		SB	Revised FLO-2D per revised hydrology analysis; added channel/fp cross sections.
3/23/11		SB	Added offsite analysis hydrograph.
4/4/11		SB	Readjusted off hydrographs and FP cross sections.

INYO COUNTY, CA

BRIGHTSOURCE ENERGY

2727 S. Rainbow Boulevard
Las Vegas, NV 89146
Tel (702) 382-2500
Fax (702) 382-2597
www.vtnnv.com

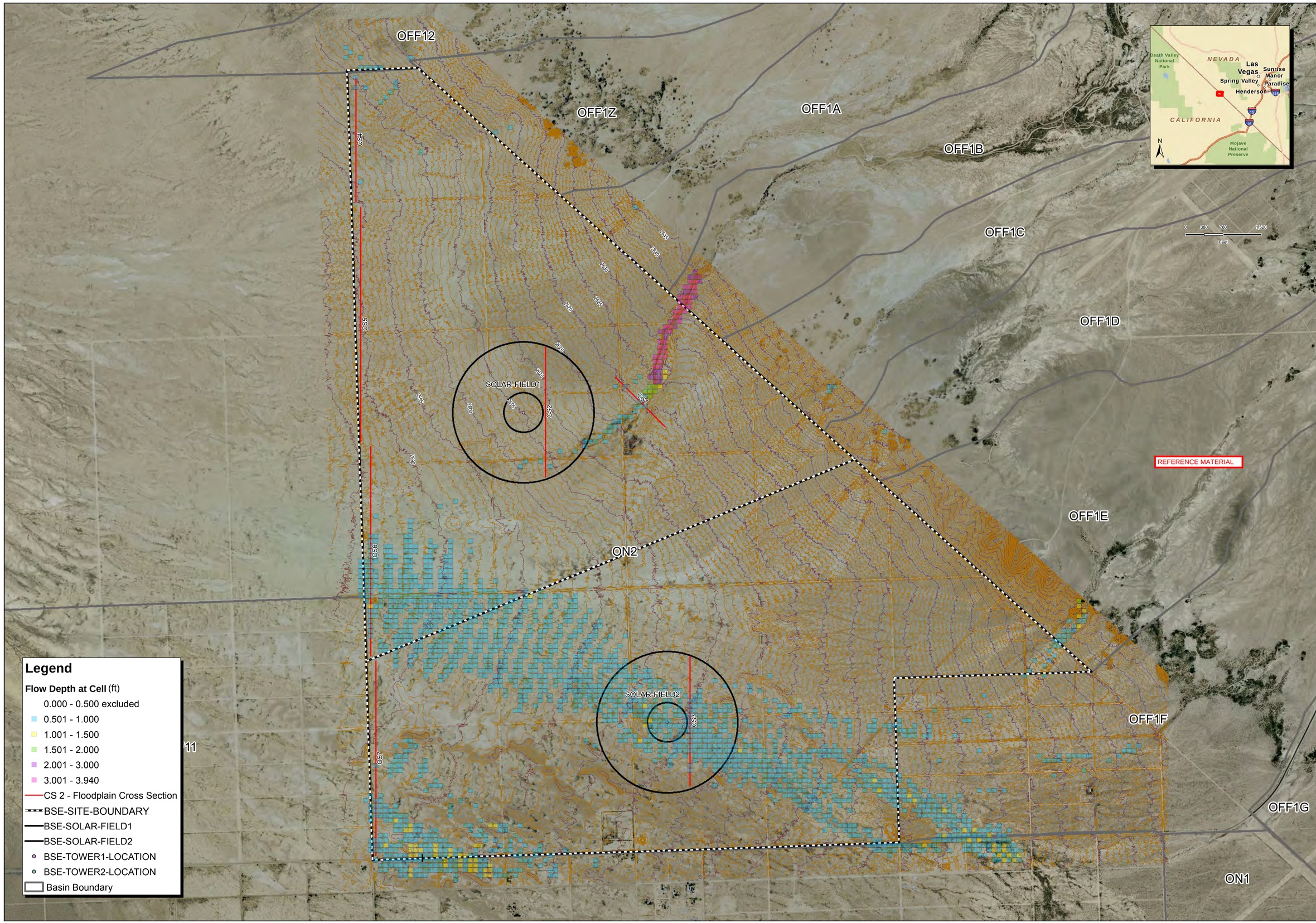
FLO-2D VELOCITY MAP
24HR-10YR

HIDDEN HILLS RANCH SEGS

PROJECT NO: 7302
DRAWN BY: SDB
DATE: 4/4/2011
SCALE: 1 " = 800 '
SHEET: 7302HYD109

Path: J:\7302 - Hidden Hills\GIS\mxd\7302_flo2d_vel_24hr10yr.mxd; Date: 4/6/2011

BSE Document Control Number: HYD300-FINAL



DATE	REV. BY	DESCRIPTION

INYO COUNTY, CA

BRIGHTSOURCE ENERGY

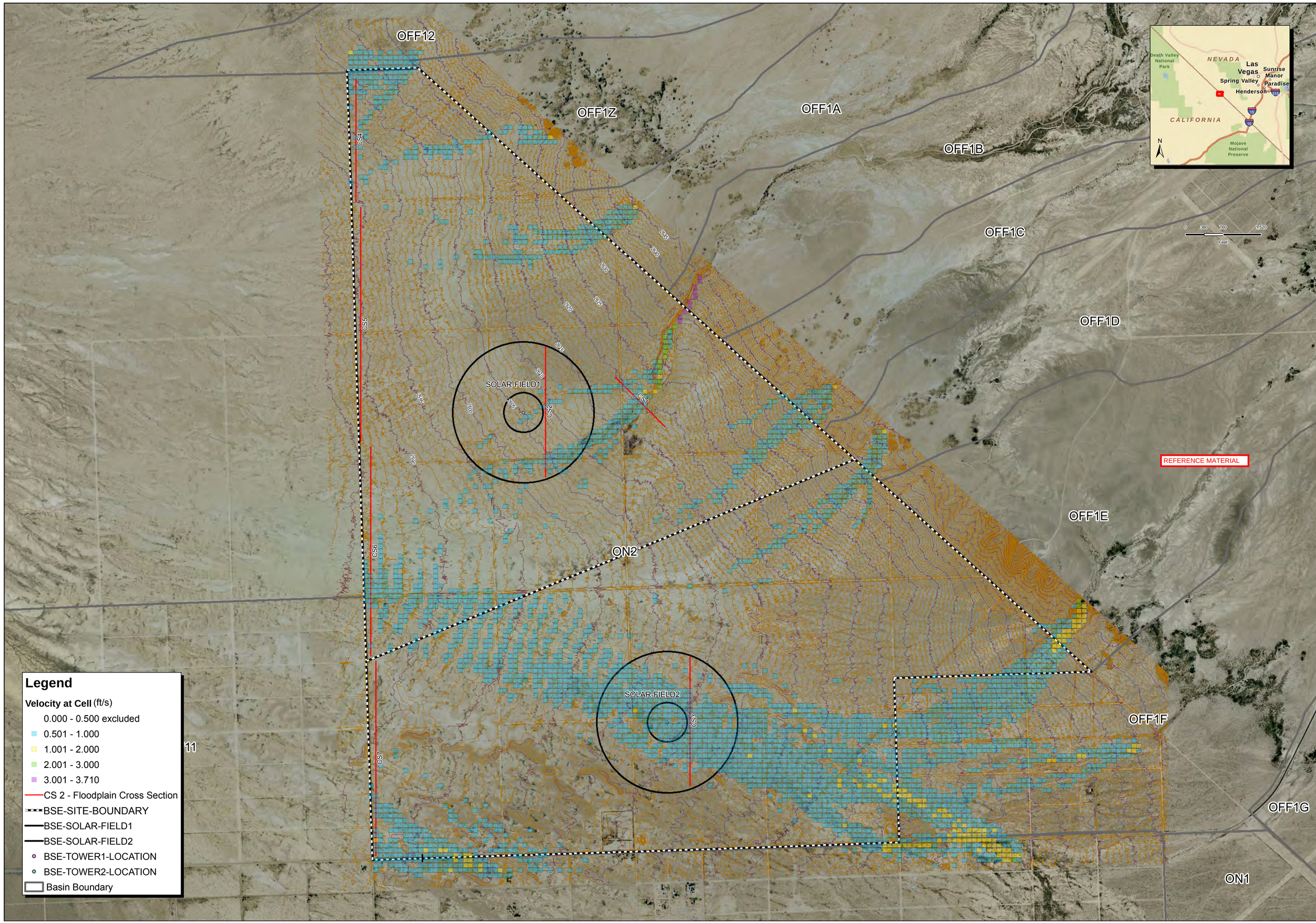
2727 S. Rainbow Boulevard
Las Vegas, NV 89146
Tel (702) 362-5900
Fax (702) 362-2597
www.vtnnv.com

FLO-2D DEPTH MAP
24HR-5YR

HIDDEN HILLS RANCH SEGS

PROJECT NO: 7302
DRAWN BY: SDB
DATE: 5/25/2011
SCALE: 1 " = 800 '
SHEET: 7302HYD110

Path: J:\7302 - Hidden Hills\GIS\mxd\7302_Rx02_ex_depth_5yr.mxd; Date: 5/25/2011



DATE	REV. BY	DESCRIPTION

INYO COUNTY, CA

BRIGHTSOURCE ENERGY

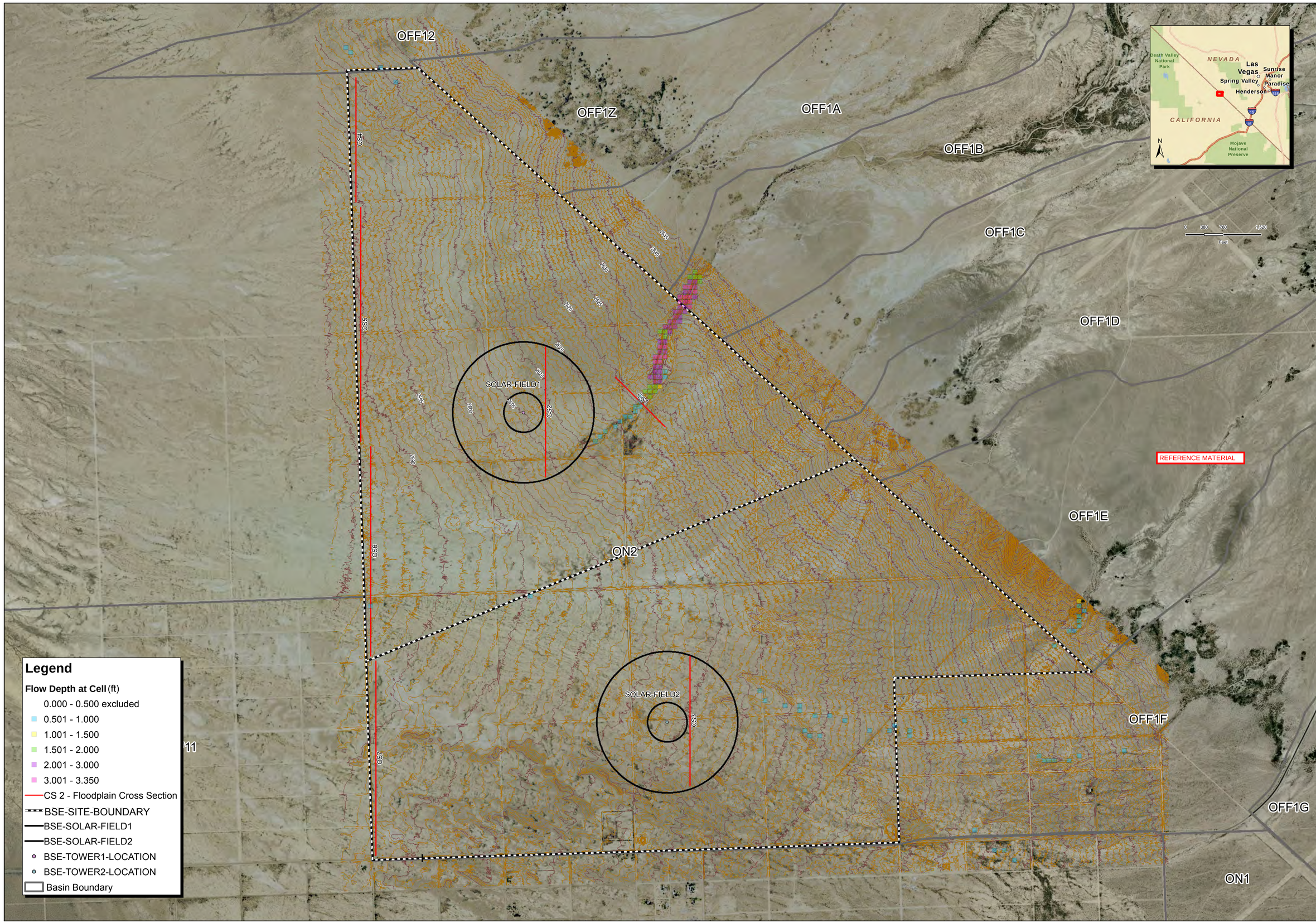
2727 S. Rainbow Boulevard
Las Vegas, NV 89146
Tel (702) 362-5599
Fax (702) 362-2597
www.vtnnv.com

FLO-2D VELOCITY MAP
24HR-5YR

HIDDEN HILLS RANCH SEGS

PROJECT NO: 7302
DRAWN BY: SDB
DATE 5/25/2011
SCALE: 1 " = 800 '
SHEET 7302HYD111

Path: J:\7302 - Hidden Hills\GIS\mxd\7302_jfa02_ex_vel_fp.mxd, Date: 5/25/2011



DATE	REV. BY	DESCRIPTION

INYO COUNTY, CA

BRIGHTSOURCE ENERGY

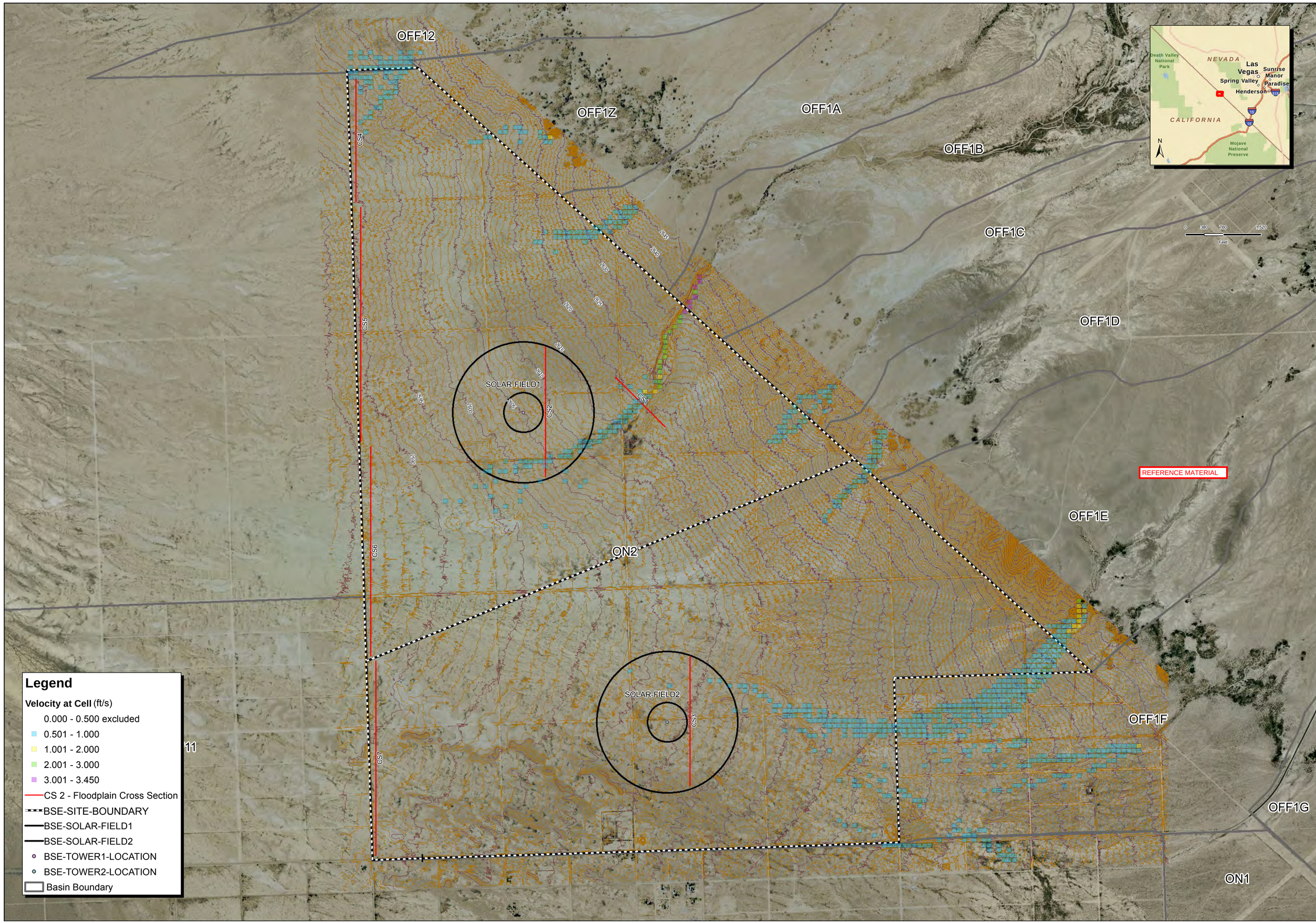
2727 S. Rainbow Boulevard
Las Vegas, NV 89146
Tel (702) 382-2500
Fax (702) 382-2597
www.atmx.com

FLO-2D DEPTH MAP
24HR-2YR

HIDDEN HILLS RANCH SEGS

PROJECT NO: 7302
DRAWN BY: SDB
DATE: 5/25/2011
SCALE: 1 " = 800 '
SHEET: 7302HYD112

Path: J:\7302 - Hidden Hills\GIS\mxd\7302_Rx02_ex_depth_2yr.mxd; Date: 5/25/2011



DATE	REV. BY	DESCRIPTION

INYO COUNTY, CA

BRIGHTSOURCE ENERGY

2727 S. Rainbow Boulevard
Las Vegas, NV 89146
Tel (702) 362-5900
Fax (702) 362-2597
www.vtnnv.com

FLO-2D VELOCITY MAP
24HR-2YR

HIDDEN HILLS RANCH SEGS

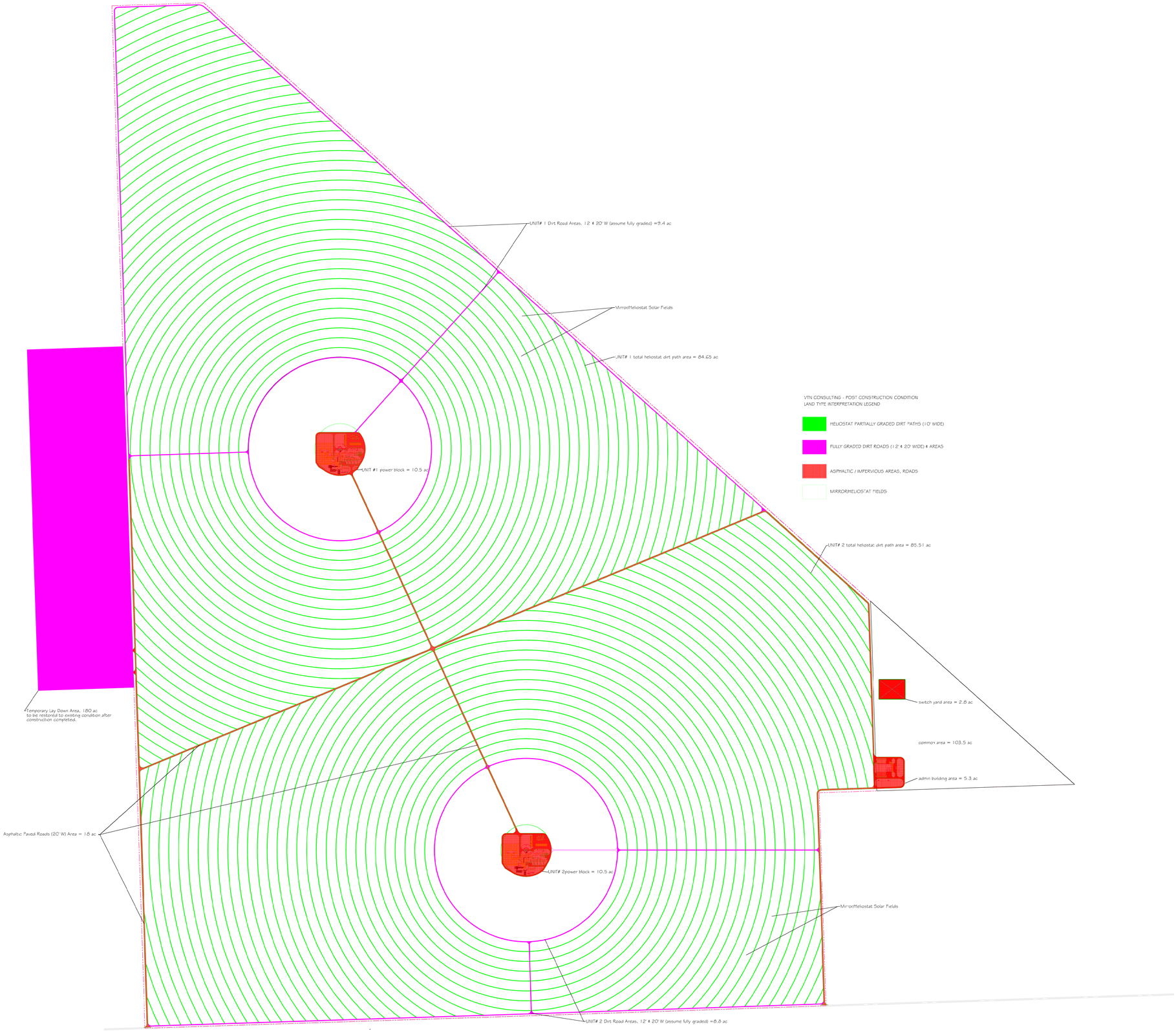
PROJECT NO:	DRAWN BY:	DATE	SCALE:
7302	SDB	5/25/2011	1 " = 800 '

SHEET
7302HYD113

Path: J:\7302 - Hidden Hills\GIS\mxd\7302_jfu02_ex_vel_2yr.mxd, Date: 5/25/2011

APPENDIX B:

POST CONSTRUCTION ANALYSIS FIGURES



VTN CONSULTING - POST CONSTRUCTION CONDITION
LAND TYPE INTERPRETATION LEGEND

- HELIOSTAT PARTIALLY GRADED DIRT PATHS (1.0' WIDE)
- FULLY GRADED DIRT ROADS (12' & 20' WIDE) & AREAS
- ASPHALTIC / IMPERVIOUS AREAS, ROADS
- MIRROR/HELIOSTAT FIELDS

VTN FIGURE 7302HYD-A
POST CONSTRUCTION
LAND USE INTERPRETATION

600 0 600 1200
Scale: 1 INCH = 600 FEET

NORTH

NO	DATE	REVISION	BY	CK	APPR
A	22-APR-2011	ISSUED FOR REVIEW	T.O.C.	D.E.M.	

BrightSource Industries Israel

DESIGNED BY: T.O.C.
CHECKED BY: D.E.M.
APPR. BY:
CLIENT APPR:

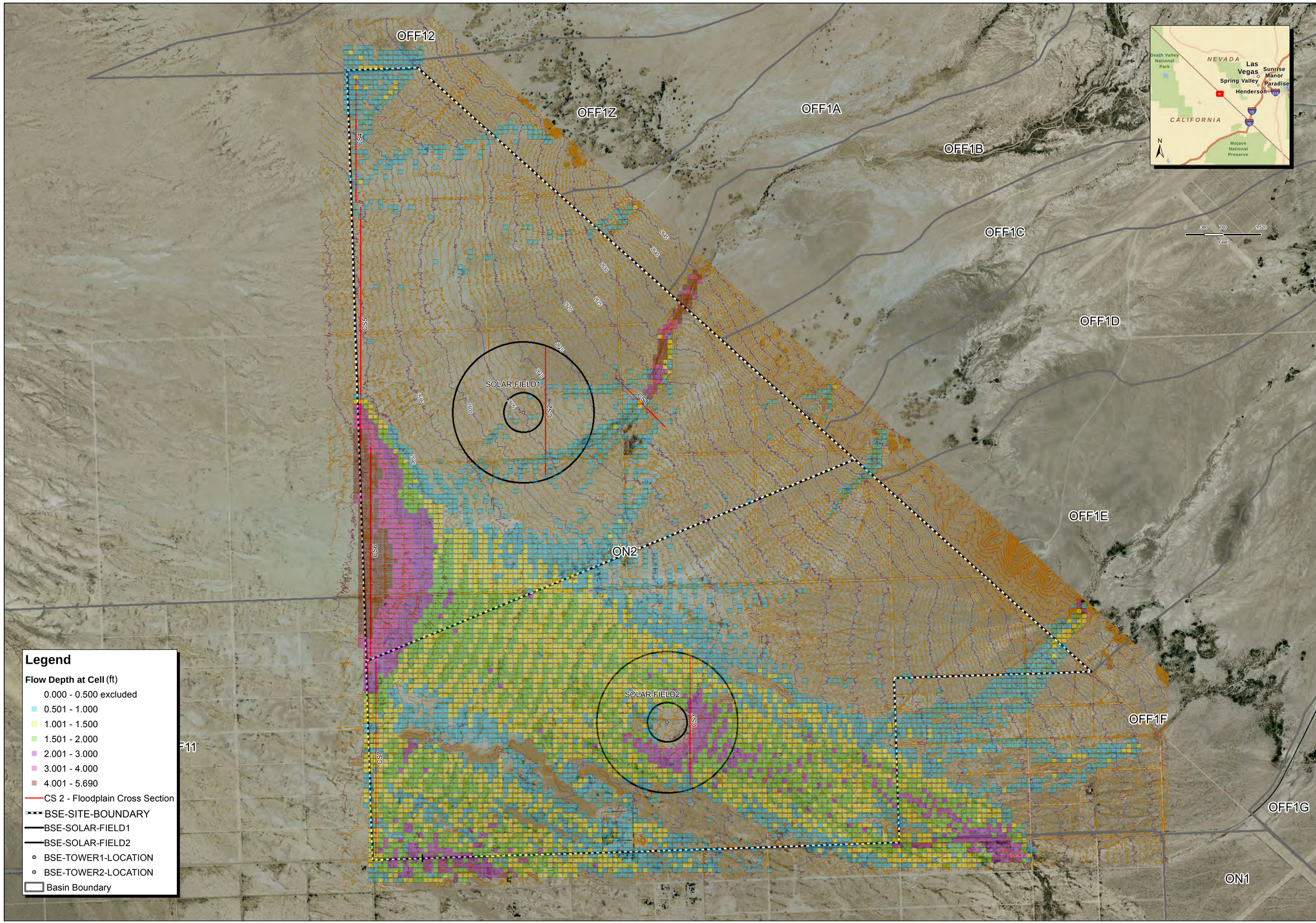
CH2MHILL
Atlanta, Georgia

SHEET TITLE: CIVIL OVERALL SITE PLAN

JOB NAME: HIDDEN HILLS RANCH PHASE 1 SOLAR ELECTRIC GENERATION STATION

JOB NO: 419361
FILENAME: C-1000
SCALE: 1" = 600'
REV. NO: A
DWG. NO: C-1000

BSE Document Control Number: HYD300-FINAL



DATE	REV. BY	DESCRIPTION

BRIGHTSOURCE ENERGY

INYO COUNTY, CA

2727 S. Rainbow Boulevard
Las Vegas, NV 89146
Tel (702) 382-2500
Fax (702) 382-2597
www.vtnnv.com

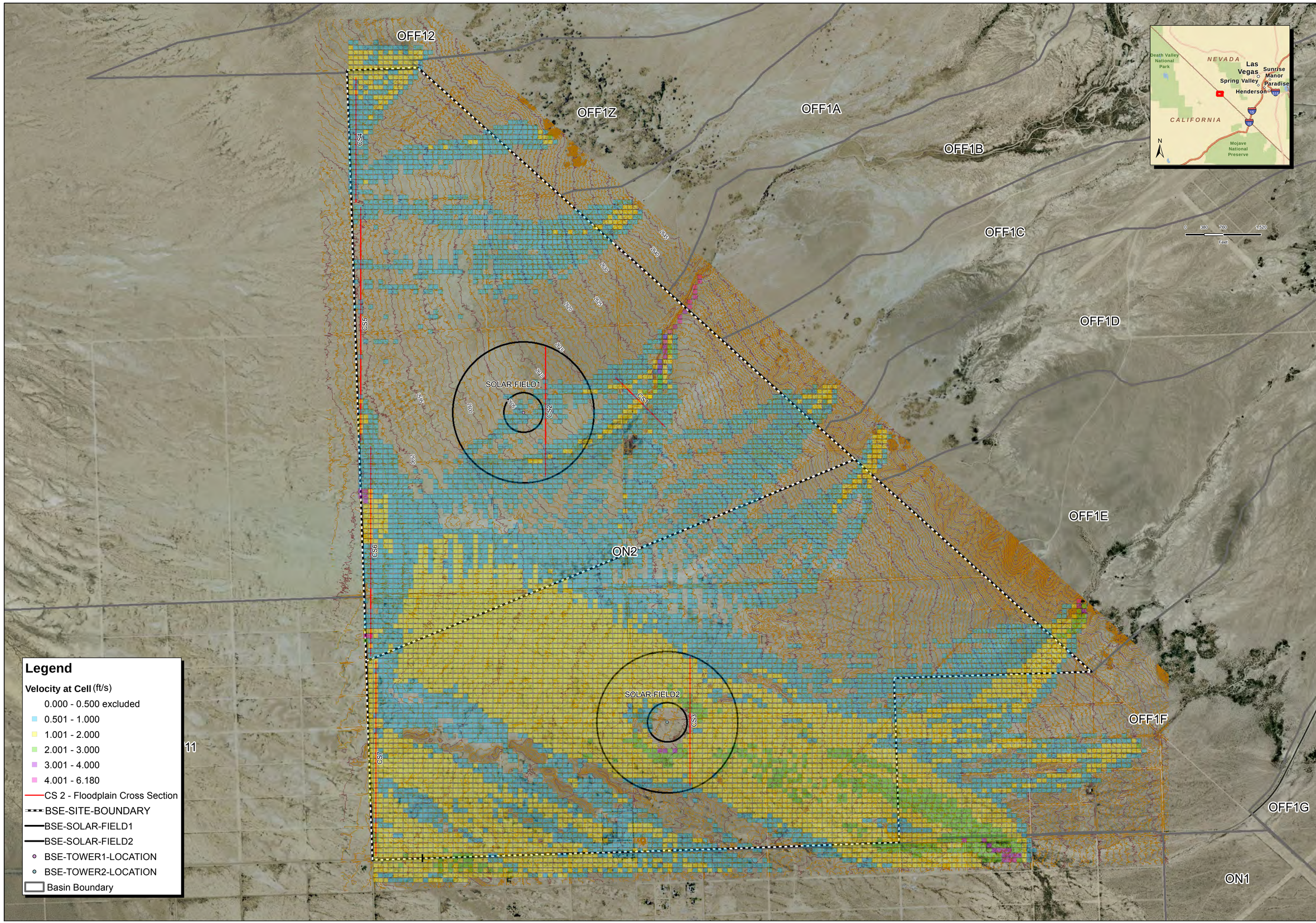
FLO-2D DEPTH MAP
24HR-100YR
POST CONSTRUCTION

HIDDEN HILLS RANCH SEGS

PROJECT NO: 7302
DRAWN BY: SDB
DATE 5/25/2011
SCALE: 1 " = 800 '
SHEET 7302HYD101A

Path: J:\7302 - Hidden Hills\GIS\mxd\7302_hu02_dep_depth_100yr.mxd, Date: 5/25/2011

BSE Document Control Number: HYD300-FINAL



DATE	REV. BY	DESCRIPTION

BRIGHTSOURCE ENERGY

INYO COUNTY, CA

2727 S. Rainbow Boulevard
Las Vegas, NV 89146
Tel (702) 382-2500
Fax (702) 382-2597
www.vtnnv.com

FLO-2D VELOCITY MAP
24HR-100YR
POST CONSTRUCTION

HIDDEN HILLS RANCH SEGS

PROJECT NO: 7302

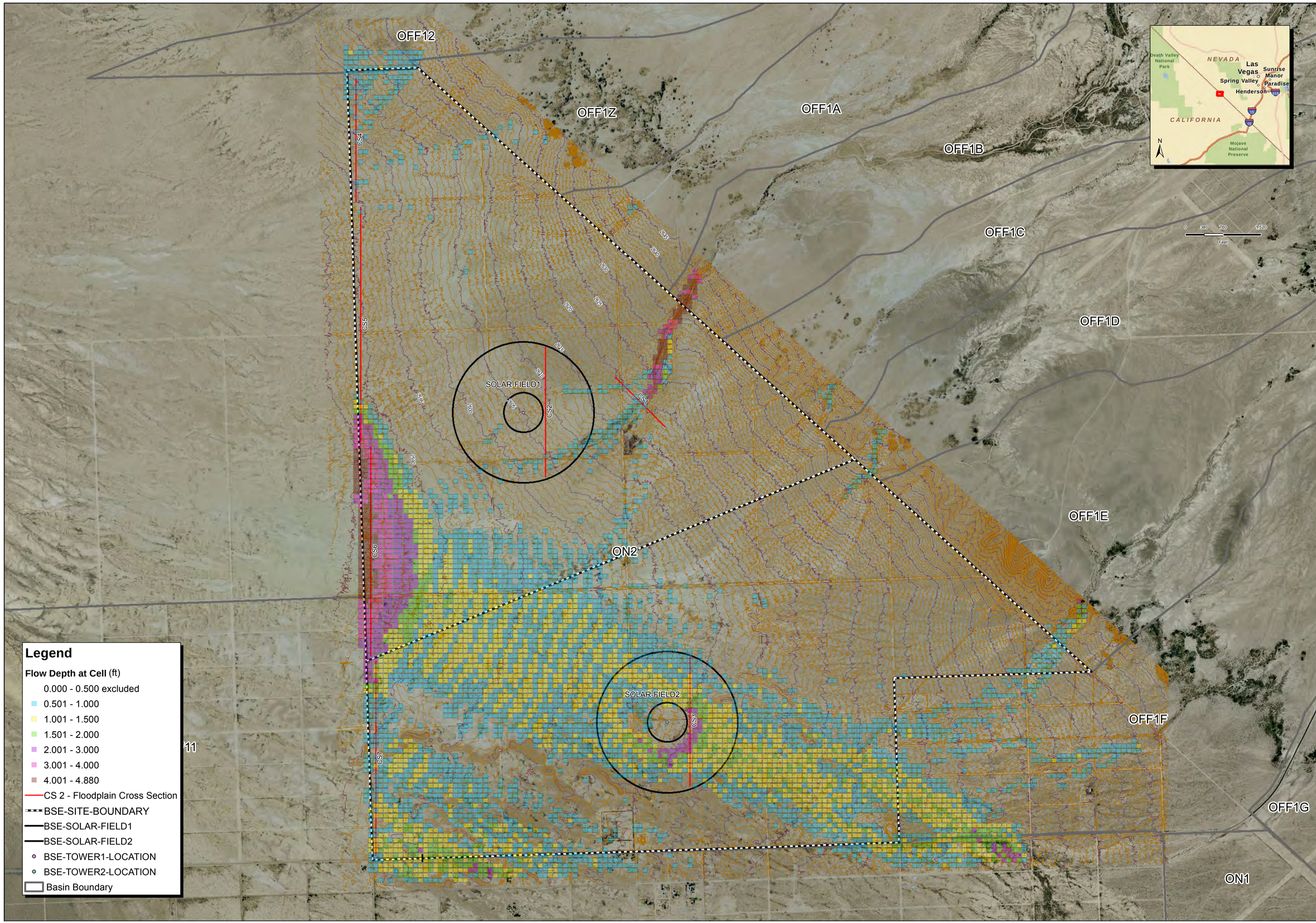
DRAWN BY: SDB

DATE: 5/25/2011

SCALE: 1 " = 800 '

SHEET 7302HYD102A

Path: J:\7302 - Hidden Hills\GIS\mxd\7302_flo2d_dev_vel_100yr.mxd, Date: 5/25/2011



DATE	REV. BY	DESCRIPTION

INYO COUNTY, CA

BRIGHTSOURCE ENERGY

2727 S. Rainbow Boulevard
Las Vegas, NV 89146
Tel (702) 382-2500
Fax (702) 382-2597
www.atmx.com

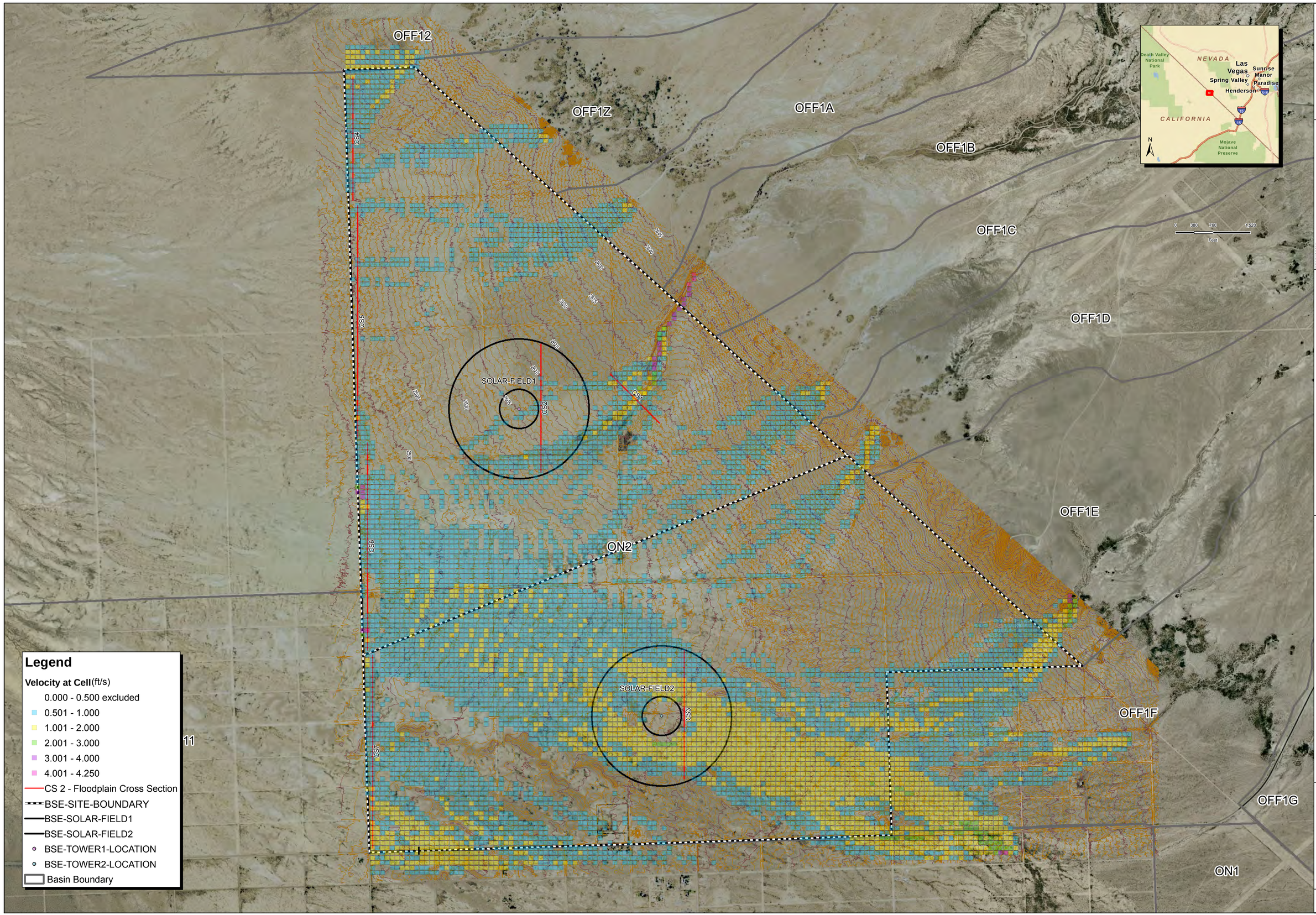
FLO-2D DEPTH MAP
24HR-25YR
POST CONSTRUCTION

HIDDEN HILLS RANCH SEGS

PROJECT NO: 7302
DRAWN BY: SDB
DATE 5/25/2011
SCALE: 1 " = 800 '
SHEET 7302HYD106A

Path: J:\7302 - Hidden Hills\GIS\mxd\7302_hu02_dev_depth_25yr.mxd; Date: 5/25/2011

BSE Document Control Number: HYD300-FINAL



DATE	REV. BY	DESCRIPTION

BRIGHTSOURCE ENERGY

INYO COUNTY, CA

2727 S. Rainbow Boulevard
Las Vegas, NV 89146
Tel (702) 382-2500
Fax (702) 382-2597
www.vtnnv.com

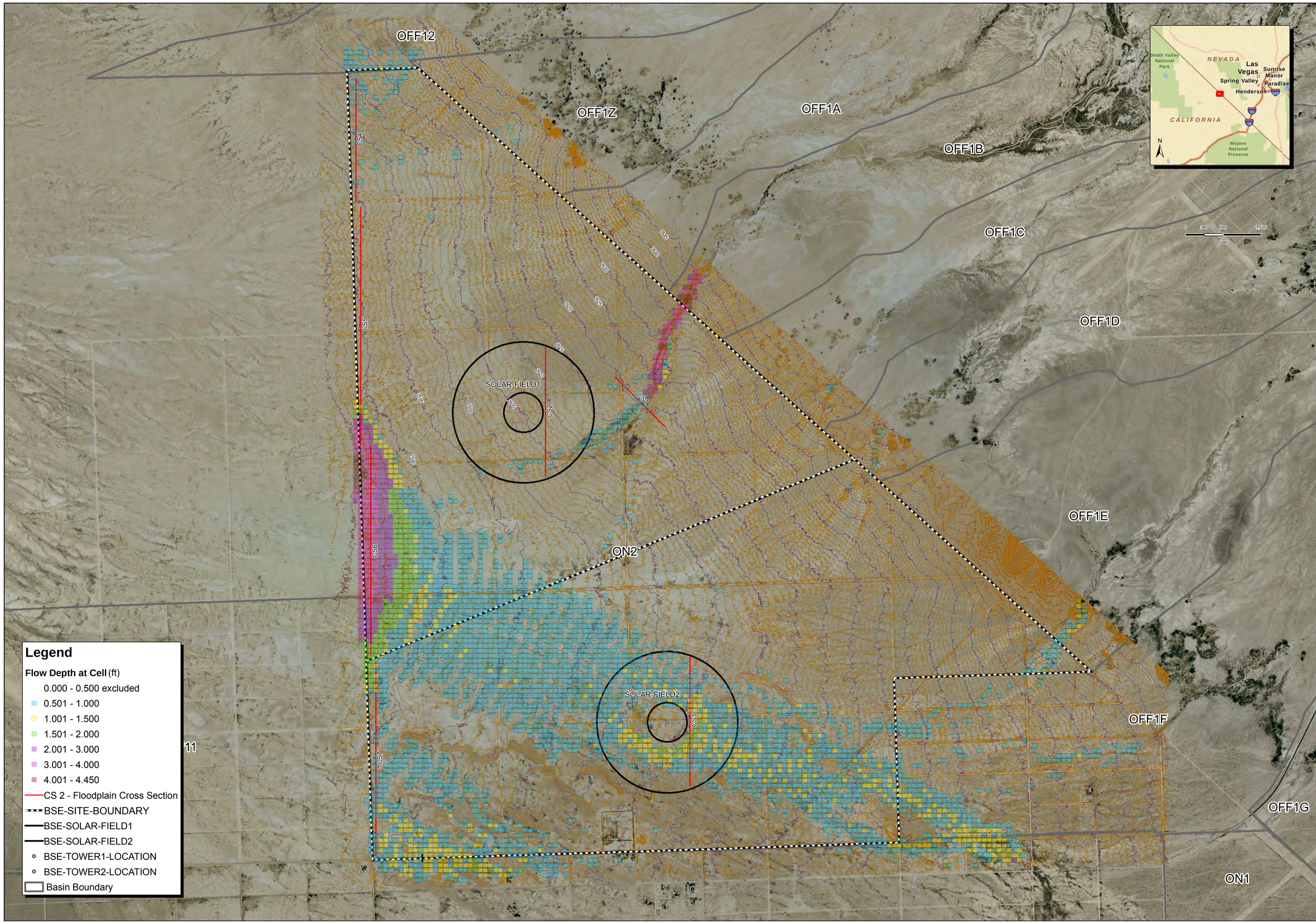
FLO-2D VELOCITY MAP
24HR-25YR
POST CONSTRUCTION

HIDDEN HILLS RANCH SEGS

PROJECT NO.	7302
DRAWN BY:	SDB
DATE	5/25/2011
SCALE:	1 " = 800 '

SHEET
7302HYD107A

Path: J:\7302 - Hidden Hills\GIS\mxd\7302_hh2d_dev_vel_25yr.mxd; Date: 5/25/2011



DATE	REV. BY	DESCRIPTION

INYO COUNTY, CA

BRIGHTSOURCE ENERGY

2727 S. Rainbow Boulevard
Las Vegas, NV 89146
Tel (702) 382-2500
Fax (702) 382-2597
www.atmx.com

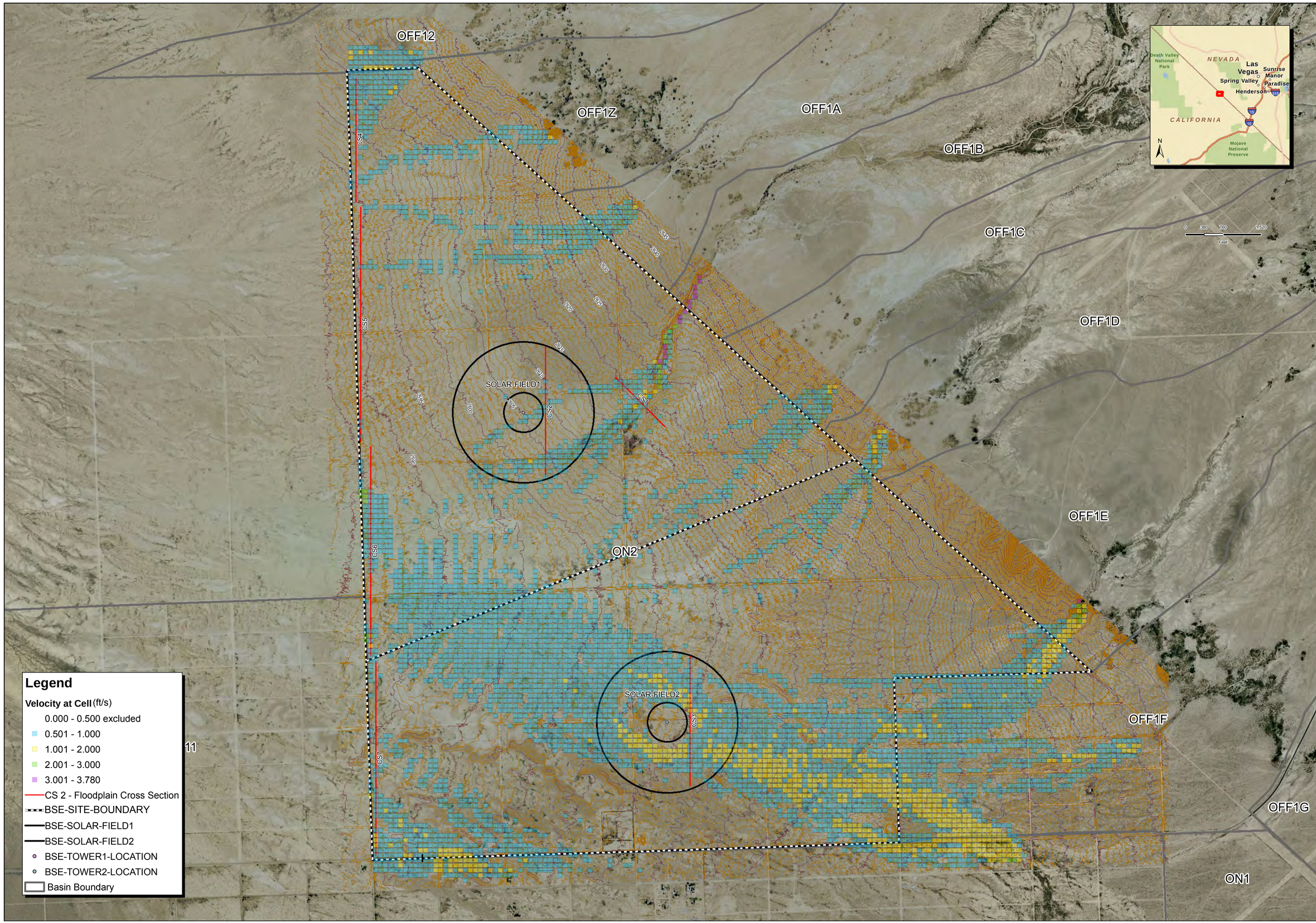
FLO-2D DEPTH MAP
24HR-10YR
POST CONSTRUCTION

HIDDEN HILLS RANCH SEGS

PROJECT NO: 7302
DRAWN BY: SDB
DATE: 5/25/2011
SCALE: 1 " = 800 '
SHEET 7302HYD108A

Path: J:\7302 - Hidden Hills\GIS\mxd\7302_fla02_dep_depth_10yr.mxd; Date: 5/25/2011

BSE Document Control Number: HYD300-FINAL



DATE	REV. BY	DESCRIPTION

BRIGHTSOURCE ENERGY

INYO COUNTY, CA

2727 S. Rainbow Boulevard
Las Vegas, NV 89146
Tel (702) 362-5599
Fax (702) 362-2597
www.vtnnv.com

FLO-2D VELOCITY MAP
24HR-10YR
POST CONSTRUCTION

HIDDEN HILLS RANCH SEGS

PROJECT NO: 7302

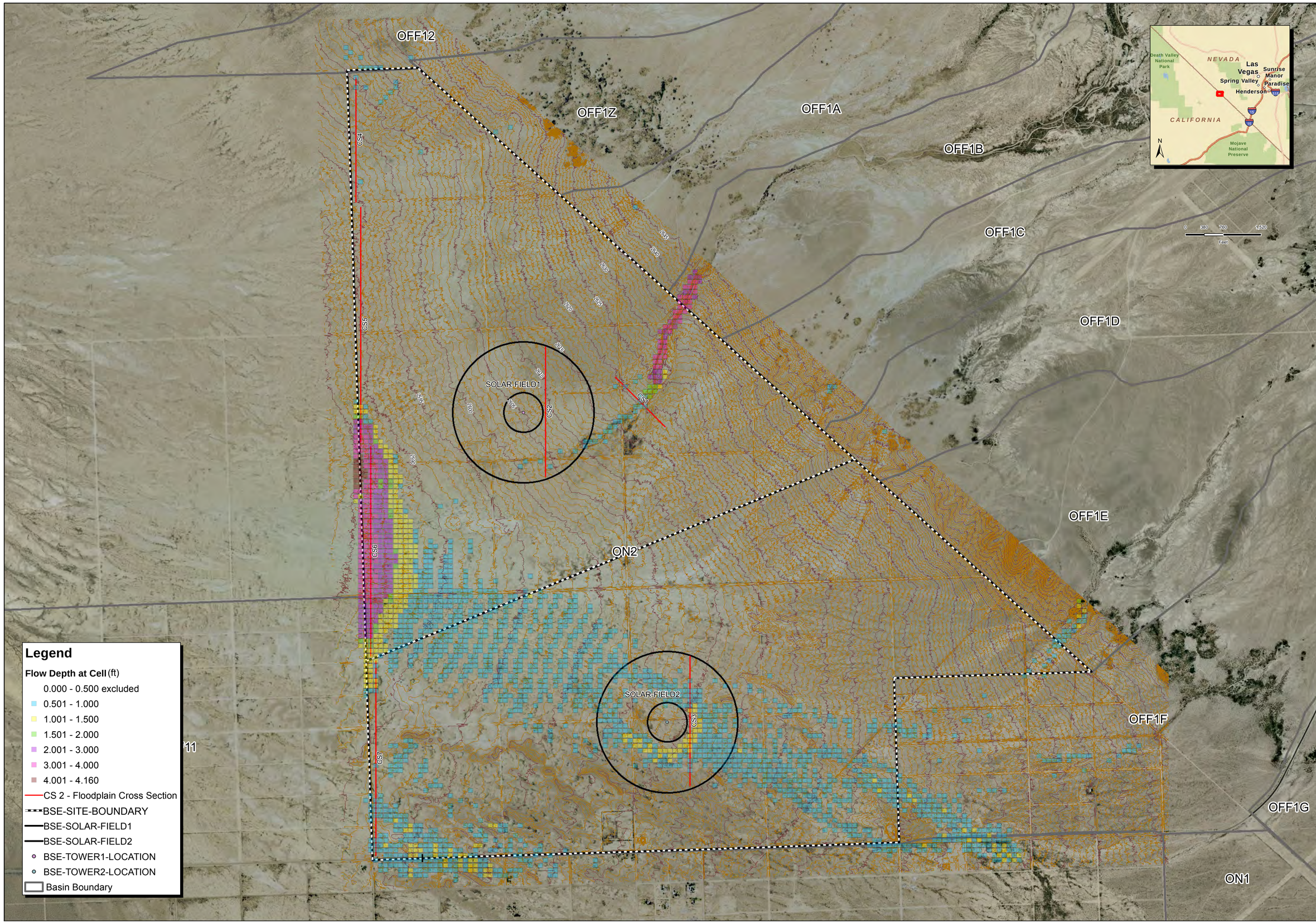
DRAWN BY: SDB

DATE: 5/25/2011

SCALE: 1 " = 800 '

SHEET: 7302HYD109A

Path: J:\7302 - Hidden Hills\GIS\mxd\7302_flo2d_dev_vel_10yr.mxd; Date: 5/25/2011



DATE	REV. BY	DESCRIPTION

INYO COUNTY, CA

BRIGHTSOURCE ENERGY

2727 S. Rainbow Boulevard
Las Vegas, NV 89146
Tel (702) 382-2500
Fax (702) 382-2597
www.atmx.com

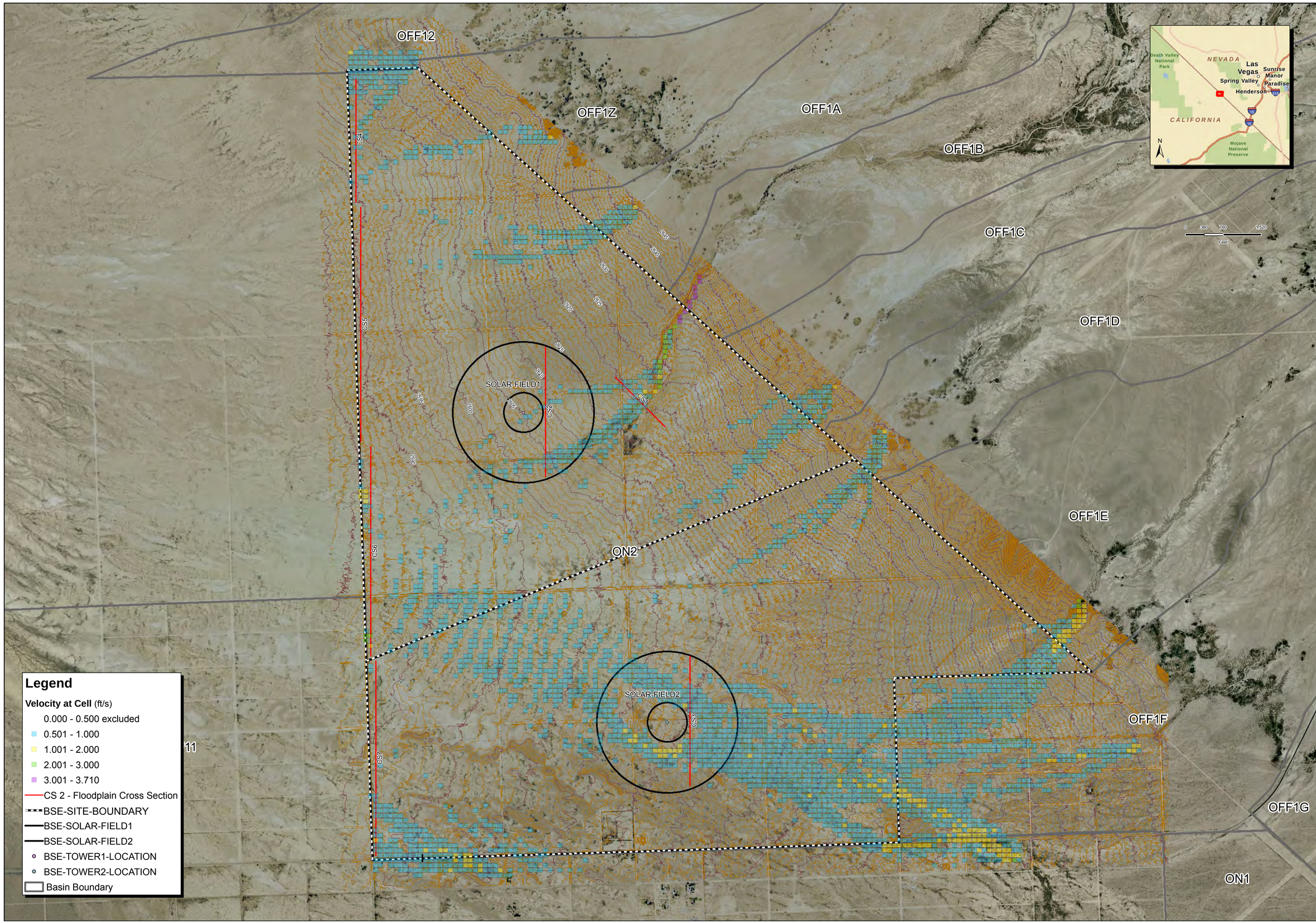
FLO-2D DEPTH MAP
24HR-5YR
POST CONSTRUCTION

HIDDEN HILLS RANCH SEGS

PROJECT NO: 7302
DRAWN BY: SDB
DATE 5/25/2011
SCALE: 1 " = 800 '
SHEET 7302HYD110A

Path: J:\7302 - Hidden Hills\GIS\mxd\7302_fla02_dep_depth_by.mxd, Date: 5/25/2011

BSE Document Control Number: HYD300-FINAL



DATE	REV. BY	DESCRIPTION

INYO COUNTY, CA

BRIGHTSOURCE ENERGY

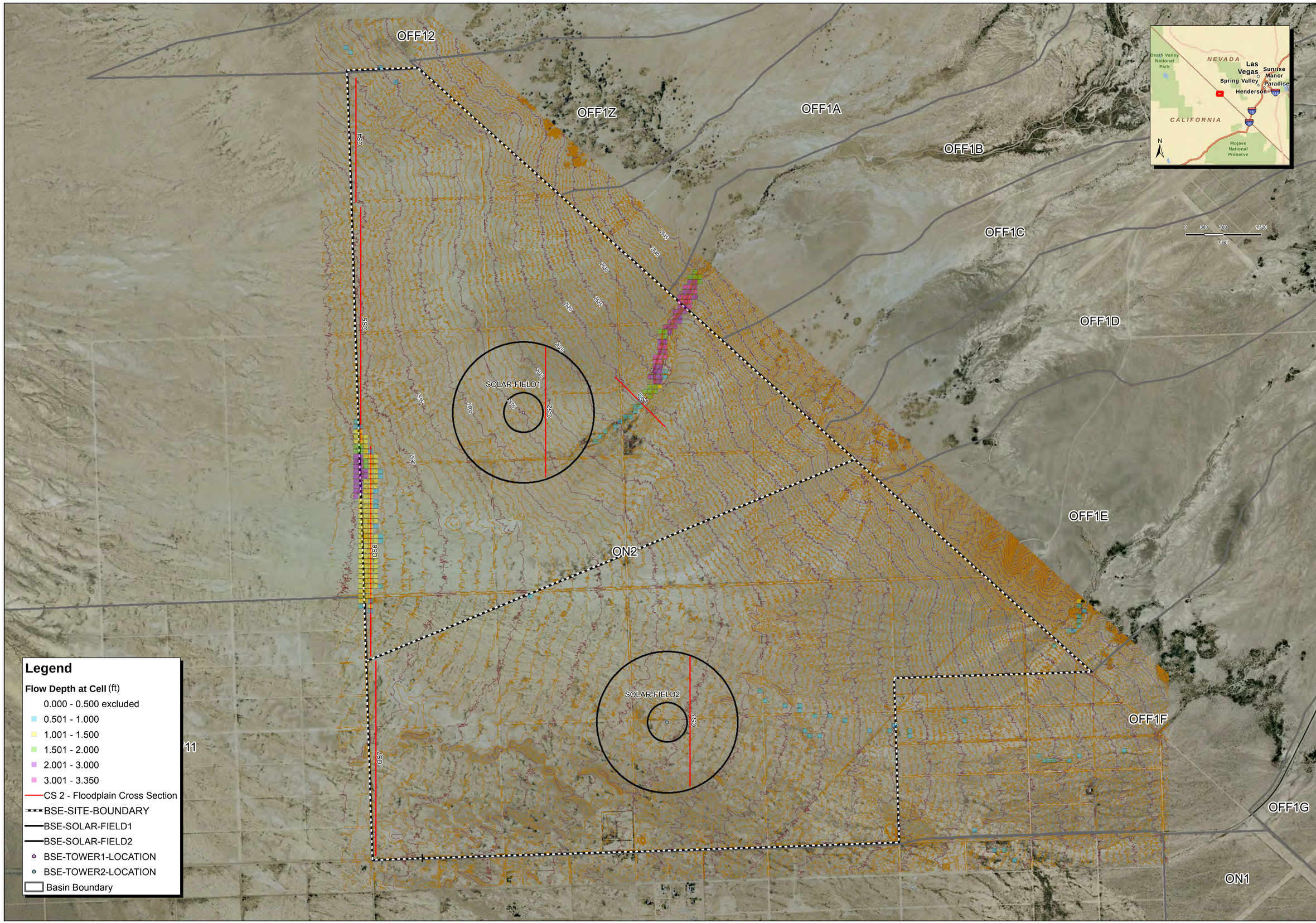
2727 S. Rainbow Boulevard
Las Vegas, NV 89146
Tel (702) 362-5599
Fax (702) 362-2597
www.vtnnv.com

FLO-2D VELOCITY MAP
24HR-5YR
POST CONSTRUCTION

HIDDEN HILLS RANCH SEGS

PROJECT NO: 7302
DRAWN BY: SDB
DATE 5/25/2011
SCALE: 1 " = 800 '
SHEET 7302HYD111A

Path: J:\7302 - Hidden Hills\GIS\mxd\7302_jfa02_dev_vel_5yr.mxd; Date: 5/25/2011



DATE	REV. BY	DESCRIPTION

INYO COUNTY, CA

BRIGHTSOURCE ENERGY

2727 S. Rainbow Boulevard
Las Vegas, NV 89146
Tel (702) 382-2500
Fax (702) 382-2597
www.vtnnv.com

FLO-2D DEPTH MAP
24HR-2YR
POST CONSTRUCTION

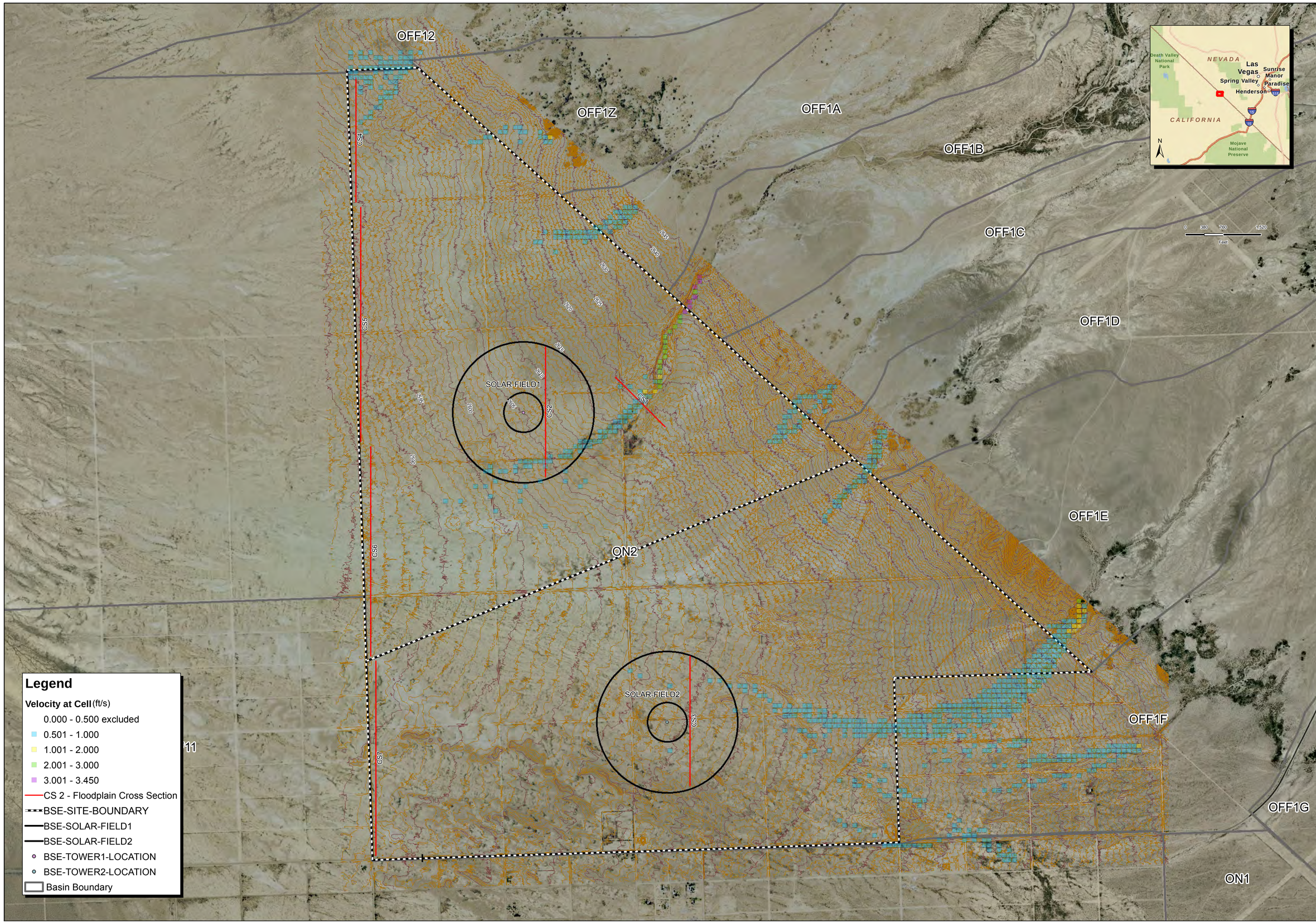
HIDDEN HILLS RANCH SEGS

PROJECT NO:	7302
DRAWN BY:	SDB
DATE	5/25/2011
SCALE:	1 " = 800 '

SHEET
7302HYD112A

Path: J:\7302 - Hidden Hills\GIS\mxd\7302_hu02_dep_depth_2yr.mxd, Date: 5/25/2011

BSE Document Control Number: HYD300-FINAL



DATE	REV. BY	DESCRIPTION

INYO COUNTY, CA

BRIGHTSOURCE ENERGY

2727 S. Rainbow Boulevard
Las Vegas, NV 89146
Tel (702) 382-2500
Fax (702) 382-2597
www.vtnnv.com

FLO-2D VELOCITY MAP
24HR-2YR
POST CONSTRUCTION

HIDDEN HILLS RANCH SEGS

PROJECT NO:	DRAWN BY:	DATE	SCALE:
7302	SDB	5/25/2011	1 " = 800 '

SHEET
7302HYD113A

Path: J:\7302 - Hidden Hills\GIS\mxd\7302_hv02_dev_vel_2yr.mxd; Date: 5/25/2011

BSE Document Control Number: HYD300-FINAL

APPENDIX C:

POST CONSTRUCTION COMPOSITE SOIL CURVE NUMBER (CN) CALCULATIONS

APPENDIX C:

i. Post Construction Composite Soil Calculations

Soil CN Calculation for Various Land Covers

Soil # s5740 Besherm					
			AMC II	**AMC II**	**AMC II**
Soil	Percent	Group	Exisitng- Desert Shrub[1]	Graded Areas[2]	Impervious Areas[3]
Besherm	25%	C	85	91	98
Nopah	15%	C	85	91	98
Glencarb	10%	C	85	91	98
Haymont	10%	B	77	86	98
Rumpah	10%	D	88	94	98
Tencee	10%	D	88	94	98
Bluepoint	5%	A	63	77	98
Pahrump	5%	C	85	91	98
Tanazza	5%	B	77	86	98
Wodavar	5%	D	88	94	98
Total	**100%**		**83.5**	**90.3**	**98.0**

Notes:

1. Referenced from Table 2-2d "Runoff Curve Numbers for Semiarid Rangelands" TR-55 (1986) Cover Type: Desert shrub, poor condition.
2. Referenced from Table 2-2a "Runoff Curve Numbers for urban areas" TR-55 (1986) "Developing urban areas - Newly graded areas"
3. Referenced from Table 2-2a "Runoff Curve Numbers for urban areas" TR-55 (1986) "Impervious areas"

APPENDIX C:

ii. Post Construction Land Use Break Down

Post Construction Land Use Break Down Calculation for Onsite Area (aka basin ON2)

Total Area =	3,100	ac
Impervious Areas		
Number of Heliostats=	170,000	
Mirror Height =	8.6	ft
Mirror Width =	6	ft
# of mirrors per heliostat =	2	
Total Mirrors =	340,000	
Mirror Area =	403	ac
Asphaltic Pavement Area (includes 20' paved roads)=	16	ac
Buildings in Common Area =	8	ac
Powerblocks (includes both Unit 1 & 2 blocks) =	21	ac
Total Impervious Area =	448	ac
Total Impervious % =	14.5%	
Graded Areas		
Dirt Road Areas (w/in Unit 1, assume fully graded. 12' & 20' W)=	9.4	ac
Dirt Road Areas (w/in Unit 2, assume fully graded. 12' & 20' W)=	8.8	ac
Total Heliostat Dirt Path Area* =	~~*171.0*~~	~~*ac*~~
40% of Total Heliostat Dirt Path Area Assumed to be Graded =	68.4	ac
Common Area =	6.8	ac
Total Graded Area =	94	ac
Total Graded % =	3.0%	
Existing (Undisturbed) Area		
Total Area =	3,100	ac
Total Impervious Area =	(448)	ac
Total Graded Area =	(94)	ac
Remaining Existing Condition Area =	2,558	ac
Existing Condition % =	82.5%	

Notes:
* Only 40% of Total Heliostat Dirt Path Area is included in the Total Graded Areas tabulation.

APPENDIX C:

iii. Composite CN Calculation

And Unconnected CN Adjustment Calculation

Composite CN Calculation

Onsite Area (aka basin ON2)

Area Type	Area Percent	CN	% x CN
Impervious Area	14.5%	98.0	14.2
Graded Area	3.0%	90.3	2.7
Existing (Undisturbed) Area	82.5%	83.5	68.9
Post Construction Composite CN =			**85.8**

Temporary Lay Down (staging) Area [aka basin STA1]

Area Type	Area Percent	CN	% x CN
Graded Area	100.0%	90.3	90.3
Post Construction Composite CN =			**90.3**

Unconnected Impervious Area CN Adjustment Calculation For Onsite Area (aka basin ON2)

$CN_c = CN_p + I_f (98-CN_p)(1-0.5R)$ Equation 3.52, Hydrologic Analysis and Design 3rd Ed., Richard McCuen

Where: I_f = fraction of impervious cover

CN_p = curve number of pervious area

R = ratio of unconnected impervious area to total impervious area

CN_p = 83.7 (a composite of both Graded and Existing CN values)

I_f = 14.5%

R = 1

CN_c = 84.7

BSE Document Control Number: HYD300-FINAL

APPENDIX C:

iv. Referenced USDA TR-55 CN Table

United States Department of Agriculture

Natural Resources Conservation Service

Conservation Engineering Division

Technical Release 55

June 1986

Urban Hydrology for Small Watersheds

TR-55

REFERENCE MATERIAL

To show bookmarks which navigate through the document. Click the show/hide navigation pane button , and then click the bookmarks tab. It will navigate you to the contents, chapters, rainfall maps, and printable forms.

BSE Document Control Number: HYD300-FINAL

REFERENCE MATERIAL

Table 2-2a Runoff curve numbers for urban areas [1]

Cover description: Cover type and hydrologic condition	Average percent impervious area [2]	Curve numbers for hydrologic soil group: A	B	C	D
Fully developed urban areas (vegetation established)					
Open space (lawns, parks, golf courses, cemeteries, etc.) [3]:					
Poor condition (grass cover < 50%)		68	79	86	89
Fair condition (grass cover 50% to 75%)		49	69	79	84
Good condition (grass cover > 75%)		39	61	74	80
Impervious areas:					
Paved parking lots, roofs, driveways, etc. (excluding right-of-way)		98	98	98	98
Streets and roads:					
Paved; curbs and storm sewers (excluding right-of-way)		98	98	98	98
Paved; open ditches (including right-of-way)		83	89	92	93
Gravel (including right-of-way)		76	85	89	91
Dirt (including right-of-way)		72	82	87	89
Western desert urban areas:					
Natural desert landscaping (pervious areas only) [4]		63	77	85	88
Artificial desert landscaping (impervious weed barrier, desert shrub with 1- to 2-inch sand or gravel mulch and basin borders)		96	96	96	96
Urban districts:					
Commercial and business	85	89	92	94	95
Industrial	72	81	88	91	93
Residential districts by average lot size:					
1/8 acre or less (town houses)	65	77	85	90	92
1/4 acre	38	61	75	83	87
1/3 acre	30	57	72	81	86
1/2 acre	25	54	70	80	85
1 acre	20	51	68	79	84
2 acres	12	46	65	77	82
Developing urban areas					
Newly graded areas (pervious areas only, no vegetation) [5]		77	86	91	94
Idle lands (CN's are determined using cover types similar to those in table 2-2c).					

1 Average runoff condition, and $I_a = 0.2S$.
2 The average percent impervious area shown was used to develop the composite CN's. Other assumptions are as follows: impervious areas are directly connected to the drainage system, impervious areas have a CN of 98, and pervious areas are considered equivalent to open space in good hydrologic condition. CN's for other combinations of conditions may be computed using figure 2-3 or 2-4.
3 CN's shown are equivalent to those of pasture. Composite CN's may be computed for other combinations of open space cover type.
4 Composite CN's for natural desert landscaping should be computed using figures 2-3 or 2-4 based on the impervious area percentage (CN = 98) and the pervious area CN. The pervious area CN's are assumed equivalent to desert shrub in poor hydrologic condition.
5 Composite CN's to use for the design of temporary measures during grading and construction should be computed using figure 2-3 or 2-4 based on the degree of development (impervious area percentage) and the CN's for the newly graded pervious areas.

BSF Document Control Number: HYD300-FINAL

APPENDIX C:

v. Unconnected CN Adjustment Reference Material

HYDROLOGIC ANALYSIS AND DESIGN

THIRD EDITION

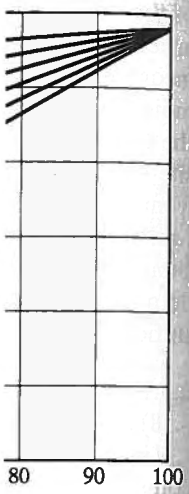
RICHARD H. MCCUEN

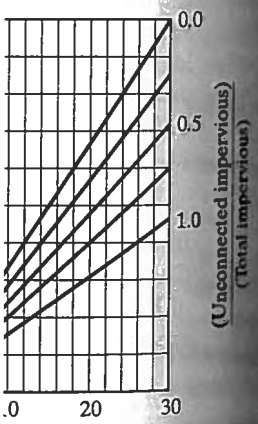
REFERENCE MATERIAL

BSE Document Control Number: HYD300-FINAL

ıre 3.21a). By entering the
ter of the figure and mov-
:an be read. The examples
se of Figure 3.21a for 85%
rviousness on a B soil, the

(3.51)





ı (a) all impervious surfaces
nnected.

REFERENCE MATERIAL

3.7.8 Effect of an Unconnected Impervious Area on Curve Numbers. Many local drainage policies are requiring runoff from certain types of impervious landcover (e.g., rooftops, driveways, patios) to be directed to pervious surfaces rather than connected to storm-drain systems. Such a policy is based on the belief that disconnecting these impervious areas will require smaller and less costly drainage systems and lead both to increased groundwater recharge and improvements in water quality. Based on the belief that disconnecting some impervious surfaces will reduce both peak runoff rates and volumes of direct flood runoff, some developers believe that they should be given credit for the reductions in peak rates and volumes in the design of the drainage system. Thus, a need to account for the effect of disconnecting impervious surfaces on runoff rates and volumes exists.

Estimating *CN*s for areas with some unconnected imperviousness requires three important variables: the pervious area *CN*, the percentage of impervious area, and the percentage of imperviousness that is unconnected. The existing figure (Figure 3.21a) for computing composite *CN* values is based on the pervious area *CN* and the percentage of imperviousness. A correction factor to the composite *CN* is a function of the percentage of unconnected imperviousness. The method of adjustment is given in Figure 3.21b. The correction can be applied only when the percentage of impervious is less than 30%. A correction is not made if the total imperviousness is greater than 30%. The adjusted *CN* (CN_c), Figure 3.21b, can be computed with the equation

$$CN_c = CN_p + I_f(98 - CN_p)(1 - 0.5R), \tag{3.52}$$

in which I_f is the fraction of impervious cover, CN_p is the pervious area *CN*, and *R* is the ratio of the unconnected impervious area to the total impervious area.

Example 3.18

To illustrate the use of Figure 3.21, consider the case of a drainage area that has 25% imperviousness, a pervious area *CN* of 61, and 50% unconnected imperviousness. Enter the right-hand side of Figure 3.21b using 25% imperviousness and move up the graph to the point on the line corresponding to 50% unconnected. Then move from this point horizontally to the left-hand side of the figure until the horizontal line intersects the interpolated line corresponding to the pervious area *CN* of 61. From this intersection, move down to the abscissa and read the value of the composite *CN*. In this case, the composite *CN* would be 68. Using Equation 3.52,

$$CN_c = 61 + 0.25(98 - 61)(1 - 0.5(0.5)) = 68.$$

If credit were not given for unconnected imperviousness, the percent of imperviousness could be entered on Figure 3.21a and the composite *CN* could be found using the pervious area *CN*. For 25% imperviousness and a pervious area *CN* of 61, the composite *CN* would equal 70, which means that disconnecting 50% of the impervious cover allows the *CN* to be reduced by 2. This savings can lead to a reduction in peak discharge and runoff volume.

BSE Document Control Number: HYD300-FINAL

APPENDIX D:

RETENTION HEC-1

ANALYSES AND CALCULATIONS

APPENDIX D:

i. Stage-Volume and Stage-Weir Discharge Summary Table

Post Construction Condition

Retention Stage - Volume - Discharge Relationship

Stage (Elevation)	Volume (cy)	Retention Volume (ac-ft)	Discharge (cfs)
2585.0	0.00	0.00	0
2586.0	1,177.05	0.73	0
2587.0	28,933.00	17.93	0
2587.6	67,393.72	41.77	0
2587.8	82,744.44	51.29	0
2588.0	99,379.85	61.60	0
2588.1	110,621.92	68.57	0
2588.2	122,328.89	75.82	0
2588.3	134,478.59	83.35	0
2588.4	147,081.06	91.17	0
2588.5	160,147.32	99.26	0
2588.6	173,689.86	107.66	0
2588.7	187,720.91	116.36	0
2588.8	202,252.55	125.36	0
2588.9	217,296.99	134.69	696
2589.0	232,881.12	144.35	1984
2589.1	251,993.07	156.19	3670
2589.2	271,715.59	168.42	5681
2589.3	292,041.65	181.02	7975
2589.4	312,987.90	194.00	10519
2590.0	452,706.13	280.60	29949

* Stage-volume relationship determined from Existing Ground surface topography and fill volume surface constructed in Civil 3D 2011 Software.

Worksheet for Full Weir Length - 0.2 Ft Head

Project Description

Solve For	Discharge

Input Data

Headwater Elevation		2589.00	ft
Crest Elevation		2588.80	ft
Tailwater Elevation		2585.00	ft
Crest Surface Type	Paved		
Crest Breadth		20.00	ft
Crest Length		7500.00	ft

Results

Discharge	1983.80	ft^3/s
Headwater Height Above Crest	0.20	ft
Tailwater Height Above Crest	-3.80	ft
Weir Coefficient	2.96	US
Submergence Factor	1.00	
Adjusted Weir Coefficient	2.96	US
Flow Area	1500.00	ft^2
Velocity	1.32	ft/s
Wetted Perimeter	7500.40	ft
Top Width	7500.00	ft

Worksheet for Full Weir Length - 0.4 Ft Head

Project Description

Solve For	Discharge

Input Data

Headwater Elevation		2589.20	ft
Crest Elevation		2588.80	ft
Tailwater Elevation		2585.00	ft
Crest Surface Type	Paved		
Crest Breadth		20.00	ft
Crest Length		7500.00	ft

Results

Discharge	5681.13	ft^3/s
Headwater Height Above Crest	0.40	ft
Tailwater Height Above Crest	-3.80	ft
Weir Coefficient	2.99	US
Submergence Factor	1.00	
Adjusted Weir Coefficient	2.99	US
Flow Area	3000.00	ft^2
Velocity	1.89	ft/s
Wetted Perimeter	7500.80	ft
Top Width	7500.00	ft

Worksheet for Full Weir Length - 0.6 Ft Head

Project Description

Solve For	Discharge

Input Data

Headwater Elevation		2589.40	ft
Crest Elevation		2588.80	ft
Tailwater Elevation		2585.00	ft
Crest Surface Type	Paved		
Crest Breadth		20.00	ft
Crest Length		7500.00	ft

Results

Discharge	10519.15	ft^3/s
Headwater Height Above Crest	0.60	ft
Tailwater Height Above Crest	-3.80	ft
Weir Coefficient	3.02	US
Submergence Factor	1.00	
Adjusted Weir Coefficient	3.02	US
Flow Area	4500.00	ft^2
Velocity	2.34	ft/s
Wetted Perimeter	7501.20	ft
Top Width	7500.00	ft

Worksheet for Full Weir Length - 1.2 Ft Head

Project Description

Solve For	Discharge

Input Data

Headwater Elevation		2590.00	ft
Crest Elevation		2588.80	ft
Tailwater Elevation		2585.00	ft
Crest Surface Type	Paved		
Crest Breadth		20.00	ft
Crest Length		7500.00	ft

Results

Discharge	29948.90	ft^3/s
Headwater Height Above Crest	1.20	ft
Tailwater Height Above Crest	-3.80	ft
Weir Coefficient	3.04	US
Submergence Factor	1.00	
Adjusted Weir Coefficient	3.04	US
Flow Area	9000.00	ft^2
Velocity	3.33	ft/s
Wetted Perimeter	7502.40	ft
Top Width	7500.00	ft

APPENDIX D:

ii. Existing Condition 24-Hour, 100-Year HEC-1

```
1****************************************
****************************************
 *                                      *                                                  *
 *                                      *                                                  *
 *   FLOOD HYDROGRAPH PACKAGE  (HEC-1)  *                                                  *    U.S. ARMY CORPS OF ENGINEERS
 *                                      *                                                  *
 *              JUN   1998              *                                                  *    HYDROLOGIC ENGINEERING CENTER
 *                                      *                                                  *
 *           VERSION 4.1                *                                                  *          609 SECOND STREET
 *                                      *                                                  *
 *                                      *                                                  *       DAVIS, CALIFORNIA 95616
 *                                      *                                                  *
 *  RUN DATE   26MAY11  TIME  16:11:12  *                                                  *           (916) 756-1104
 *                                      *                                                  *
 *                                      *                                                  *
 ****************************************
****************************************
```

```
X     X  XXXXXXX   XXXXX          X
X     X  X        X     X        XX
X     X  X        X               X
XXXXXXX  XXXX     X        XXXXX  X
X     X  X        X               X
X     X  X        X     X         X
X     X  XXXXXXX   XXXXX         XXX
```

THIS PROGRAM REPLACES ALL PREVIOUS VERSIONS OF HEC-1 KNOWN AS HEC1 (JAN 73), HEC1GS, HEC1DB, AND HEC1KW.

THE DEFINITIONS OF VARIABLES -RTIMP- AND -RTIOR- HAVE CHANGED FROM THOSE USED WITH THE 1973-STYLE INPUT STRUCTURE.
THE DEFINITION OF -AMSKK- ON RM-CARD WAS CHANGED WITH REVISIONS DATED 28 SEP 81. THIS IS THE FORTRAN77 VERSION
NEW OPTIONS: DAMBREAK OUTFLOW SUBMERGENCE , SINGLE EVENT DAMAGE CALCULATION, DSS:WRITE STAGE FREQUENCY,
DSS:READ TIME SERIES AT DESIRED CALCULATION INTERVAL LOSS RATE:GREEN AND AMPT INFILTRATION
KINEMATIC WAVE: NEW FINITE DIFFERENCE ALGORITHM

```
1                                                HEC-1 INPUT                                                          PAGE  1

          LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

                        *DIAGRAM
            1           ID  ********************************************************************
            2           ID     TECHNICAL DRAINAGE STUDY
            3           ID     HIDDEN HILLS RANCH SEGS
            4           ID     FILE_________________________7302E100.DAT
            5           ID     CONDITION____________________100-YEAR - EXISTING CONDITION
            6           ID     STORM DURATION_______________24 HOURS (SB COUNTY STORM)
            7           ID     DATE_________________________05-2011
            8           ID     DISTRIBUTION_________________SAN BERNARDINO COUNTY METHODOLOGY
            9           ID     AMC CONDITION ______________AMC I& II CN'S USED
           10           ID     MODELED BY___________________VTN NEVADA
           11           ID
           12           ID  ********************************************************************
           13           ID   DEPTH-AREA REDUCTION FACTOR (DARF) REF. FROM SB COUNTY
           14           ID   DEPTH AREA CURVES (FIG. E-4).
           15           ID
           16           ID     BASIN AREA
           17           ID    RANGE(sq.mi.)          DARF
           18           ID
           19           ID       1 -  10             1.00
           20           ID       10 - 20             0.98
           21           ID       20 - 30             0.97
           22           ID       30 - 50             0.96
           23           ID       50 - 70             0.95
           24           ID       70 - 100            0.94
           25           ID       100 -350            0.93
           26           ID
           27           ID  ********************************************************************
           28           ID
           29           IT       5       0       0     720
           30           IN       5       0       0
           31           IO       5       0       0
           32           JR    PREC    1.00    0.98    0.97    0.96    0.95    0.94    0.93

           33           KK   ONSITE
           34           KM   INPUT HYDROGRAPH FROM FLO-2D MODEL
           35           KO       1
           36           QI     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
           37           QI     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
           38           QI     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
           39           QI     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
           40           QI     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
           41           QI     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
           42           QI     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
           43           QI     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
           44           QI     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
           45           QI     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
           46           QI     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
           47           QI     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
           48           QI     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
           49           QI     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
           50           QI     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
           51           QI     0.0     0.0     0.0     0.0     0.0     0.0     0.0     1.0     2.0     3.0
           52           QI     3.6     4.2     4.7     5.0     5.3     5.5     7.9    10.2    12.5    15.3
           53           QI    18.2    21.0    21.5    21.9    22.4    22.8    23.3    23.7    25.0    26.2
1                                                HEC-1 INPUT                                                          PAGE  2

          LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

           54           QI    27.5    29.2    30.9    32.7    35.6    38.5    41.4    46.0    50.5    55.1
           55           QI    62.1    69.1    76.1   103.5   130.9   158.3   182.7   207.1   231.5   263.8
           56           QI   296.2   328.6   368.4   408.1   447.9   525.3   602.7   680.2   716.5   752.9
           57           QI   789.3   821.8   854.3   886.9   918.8   950.8   982.7  1018.6  1054.6  1090.5
           58           QI  1117.9  1145.3  1172.7  1198.6  1224.6  1250.6  1278.1  1305.6  1333.1  1375.4
           59           QI  1417.8  1460.1  1492.3  1524.6  1556.8  1581.9  1606.9  1631.9  1707.3  1782.7
```

```
 60          QI  1858.1  2738.9  3619.7  4500.5  5683.3  6866.1  8048.8  8503.2  8957.5  9411.8
 61          QI  9848.7 10285.6 10722.5 10780.2 10667.8 10555.5 10379.1 10202.8 10026.5  9858.2
 62          QI  9689.8  9521.4  9352.2  9183.0  9013.9  8854.7  8695.5  8536.3  8393.3  8250.4
 63          QI  8107.4  7989.7  7872.0  7754.4  7655.0  7555.6  7456.2  7372.0  7287.7  7203.5
 64          QI  7132.0  7060.4  6988.9  6926.4  6863.9  6801.5  6746.9  6692.3  6637.8  6582.7
 65          QI  6527.6  6472.6  6423.8  6375.0  6326.2  6285.4  6244.6  6203.8  6166.9  6130.0
 66          QI  6093.1  6055.6  6018.1  5980.7  5949.3  5917.9  5886.6  5859.7  5832.8  5805.9
 67          QI  5779.4  5753.0  5726.5  5702.1  5677.7  5653.3  5632.6  5611.9  5591.2  5571.3
 68          QI  5551.3  5531.3  5509.3  5487.3  5465.3  5444.5  5423.6  5402.8  5383.2  5363.5
 69          QI  5343.9  5317.1  5290.3  5263.4  5231.0  5198.5  5166.0  5125.7  5085.3  5044.9
 70          QI  4995.0  4945.1  4895.2  4842.7  4790.3  4737.9  4674.4  4610.9  4547.5  4479.9
 71          QI  4412.3  4344.8  4274.4  4204.0  4133.6  4062.6  3991.6  3920.5  3852.4  3784.3
 72          QI  3716.1  3648.7  3581.2  3513.7  3451.9  3390.1  3328.2  3271.6  3215.0  3158.4
 73          QI  3098.8  3039.3  2979.8  2932.9  2885.9  2839.0  2793.3  2747.5  2701.7  2663.8
 74          QI  2625.8  2587.8  2547.9  2507.9  2468.0  2431.5  2395.0  2358.5  2328.1  2297.6
 75          QI  2267.2  2232.0  2196.8  2161.6  2134.0  2106.5  2079.0  2050.6  2022.2  1993.8
 76          QI  1962.1  1930.3  1898.6  1873.3  1847.9  1822.6  1797.2  1771.9  1746.5  1721.4
 77          QI  1696.4  1671.3  1646.9  1622.4  1598.0  1572.8  1547.6  1522.5  1499.9  1477.3
 78          QI  1454.7  1432.5  1410.4  1388.2  1364.6  1341.1  1317.5  1298.2  1278.8  1259.5
 79          QI  1241.1  1222.7  1204.3  1182.0  1159.6  1137.3  1116.4  1095.5  1074.7  1057.8
 80          QI  1041.0  1024.1  1007.5   991.0   974.4   958.2   942.1   925.9   912.2   898.6
 81          QI   885.0   871.2   857.4   843.6   830.8   818.0   805.2   794.4   783.5   772.7
 82          QI   760.6   748.6   736.6   725.6   714.6   703.6   694.7   685.8   676.9   668.7
 83          QI   660.5   652.4   642.8   633.3   623.7   616.4   609.0   601.6   591.0   580.4
 84          QI   569.7   563.5   557.3   551.1   545.8   540.6   535.3   526.8   518.2   509.7
 85          QI   503.4   497.1   490.8   482.7   474.6   466.6   459.0   451.4   443.8   435.8
 86          QI   427.9   420.0   415.2   410.5   405.8   399.4   393.1   386.7   381.1   375.4
 87          QI   369.8   364.0   358.2   352.4   348.3   344.2   340.2   335.1   330.0   324.9
 88          QI   320.8   316.8   312.7   310.0   307.3   304.6   302.2   299.8   297.4   293.3
 89          QI   289.2   285.1   281.4   277.7   274.0   270.8   267.6   264.5   262.1   259.8
 90          QI   257.5   252.9   248.4   243.9   242.4   240.8   239.2   234.7   230.3   225.8
 91          QI   224.0   222.1   220.3   216.9   213.5   210.1   205.5   200.8   196.1   192.0
 92          QI   187.9   183.8   181.7   179.7   177.6   174.3   171.0   167.7   164.7   161.6
 93          QI   158.6   156.9   155.2   153.5   150.7   147.8   145.0   142.1   139.2   136.3
 94          QI   133.9   131.4   129.0   128.7   128.4   128.1   123.1   118.2   113.2   111.4
 95          QI   109.7   108.0   106.7   105.4   104.1   100.7    97.3    93.9    92.3    90.6
 96          QI    88.9    86.7    84.6    82.4    80.5    78.6    76.7    74.5    72.4    70.2
 97          QI    69.1    68.0    66.9    65.7    64.5    63.4    61.6    59.9    58.2    58.0
 98          QI    57.8    57.6    56.9    56.1    49.7    49.4    49.1    48.8    49.2    49.6
 99          QI    49.9    47.8    45.7    43.6    43.1    42.5    42.0    41.5    41.0    40.5
100          QI    40.6    40.3    39.9    38.6    37.3    36.1    35.8    35.5    35.2    34.6
101          QI    34.0    33.5    32.6    31.8    31.0    30.2    29.5    28.8    28.0    27.2
102          QI    26.4    25.5    24.6    23.8    23.7    23.7    23.6    22.9    22.1    21.3
103          QI    21.6    21.8    22.1    21.6    21.2    20.8    19.8    18.8    17.8    18.4
104          QI    19.0    19.6    18.3    17.0    15.7    15.1    14.4    13.7    13.9    14.1
105          QI    14.3    13.5    12.7    11.8    11.2    10.6     9.9    10.3    10.7    11.0
106          QI    10.2     9.3     8.4     7.9     7.4     6.9     5.6     4.3     3.0     2.6
107          QI     2.3     1.9     1.6     1.4     1.1     1.0     0.9     0.8     0.6     0.5
108          QI     0.3     0.3     0.2     0.1     0.0     0.0     0.0     0.0     0.0     0.0
             *
1                                          HEC-1 INPUT                                          PAGE  3

        LINE         ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


109          KK    STA1
110          KM   DEV.OFFSITE BASIN
111          KM   (TEMPORARY STAGING AREA)
112          KM   ***AMC II CN USED***
113          PB    2.90
114          PI   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011
115          PI   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011
116          PI   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011
117          PI   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011
118          PI   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011
119          PI   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011
120          PI   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011
121          PI   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011
122          PI   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011
123          PI   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011
124          PI   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011
125          PI   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011
126          PI   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011
127          PI   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011
128          PI   0.011   0.011   0.011   0.010   0.009   0.009   0.009   0.009   0.009   0.009
129          PI   0.009   0.009   0.009   0.009   0.009   0.009   0.009   0.009   0.009   0.009
130          PI   0.009   0.009   0.009   0.009   0.009   0.009   0.009   0.063   0.068   0.068
131          PI   0.068   0.068   0.068   0.068   0.068   0.068   0.068   0.068   0.068   0.068
132          PI   0.068   0.068   0.068   0.042   0.044   0.044   0.044   0.114   0.115   0.115
133          PI   0.115   0.314   0.115   0.045   0.044   0.069   0.068   0.068   0.068   0.068
134          PI   0.068   0.068   0.068   0.013   0.009   0.009   0.009   0.009   0.009   0.009
135          PI   0.009   0.009   0.009   0.009   0.009   0.011   0.011   0.011   0.011   0.011
136          PI   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011
137          PI   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011
138          PI   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011
139          PI   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011
140          PI   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011
141          PI   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011
142          PI   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.012
143          BA    0.28
144          LS            83.5
145          KM   SB COUNTY VALLEY:UNDEV S-GRAPH
146          KM   UHG (DERIVED BY AES SOFTWARE)
147          UI    84.5   337.7   558.4   399.0   202.2   125.8    90.6    68.9    52.9    44.1
148          UI    35.9    30.2    25.5    23.0    16.9    15.8    13.2     6.2     5.8     5.8
149          UI     5.8     5.8     5.8     5.8     1.2
             *

150          KK     CPD
151          KM   COMBINE PKB, FLO2D
152          KO       1
153          HC       2
             *
154          ZZ
1
                SCHEMATIC DIAGRAM OF STREAM NETWORK
 INPUT
  LINE      (V) ROUTING          (--->) DIVERSION OR PUMP FLOW

   NO.      (.) CONNECTOR        (<---) RETURN OF DIVERTED OR PUMPED FLOW

   109        STA1
```

```
 *** HEC1 ERROR 6 *** TRIED TO COMBINE MORE HYDROGRAPHS THAN AVAILABLE
                 .
                 .
   150         CPD

 (***) RUNOFF ALSO COMPUTED AT THIS LOCATION

          1 ERRORS IN STREAM SYSTEM
1****************************************
*************************************
 *                                   *                                                    *
*
 *   FLOOD HYDROGRAPH PACKAGE  (HEC-1)   *                                                    *    U.S. ARMY CORPS OF ENGINEERS
*
 *               JUN   1998              *                                                    *    HYDROLOGIC ENGINEERING CENTER
*
 *            VERSION 4.1                *                                                    *          609 SECOND STREET
*
 *                                       *                                                    *       DAVIS, CALIFORNIA 95616
*
 *  RUN DATE   26MAY11  TIME  16:11:12   *                                                    *           (916) 756-1104
*
 *                                       *                                                    *
*
 ****************************************
*************************************


                          ********************************************************************
                             TECHNICAL DRAINAGE STUDY
                             HIDDEN HILLS RANCH SEGS
                             FILE_________________________7302E100.DAT
                             CONDITION____________________100-YEAR - EXISTING CONDITION
                             STORM DURATION_______________24 HOURS (SB COUNTY STORM)
                             DATE_________________________05-2011
                             DISTRIBUTION_________________SAN BERNARDINO COUNTY METHODOLOGY
                             AMC CONDITION _______________AMC I& II CN'S USED
                             MODELED BY___________________VTN NEVADA
                          ********************************************************************
                           DEPTH-AREA REDUCTION FACTOR (DARF) REF. FROM SB COUNTY
                           DEPTH AREA CURVES (FIG. E-4).

                             BASIN AREA
                            RANGE(sq.mi.)          DARF

                               1 -  10             1.00
                               10 - 20             0.98
                               20 - 30             0.97
                               30 - 50             0.96
                               50 - 70             0.95
                               70 - 100            0.94
                               100 -350            0.93
                          ********************************************************************


   31 IO          OUTPUT CONTROL VARIABLES
                        IPRNT           5  PRINT CONTROL
                        IPLOT           0  PLOT CONTROL
                        QSCAL          0.  HYDROGRAPH PLOT SCALE

      IT          HYDROGRAPH TIME DATA
                         NMIN           5  MINUTES IN COMPUTATION INTERVAL
                        IDATE      1    0  STARTING DATE
                        ITIME        0000  STARTING TIME
                           NQ         720  NUMBER OF HYDROGRAPH ORDINATES
                       NDDATE      3    0  ENDING DATE
                       NDTIME        1155  ENDING TIME
                       ICENT           19  CENTURY MARK

                    COMPUTATION INTERVAL     .08 HOURS
                         TOTAL TIME BASE   59.92 HOURS

           ENGLISH UNITS
                DRAINAGE AREA         SQUARE MILES
                PRECIPITATION DEPTH   INCHES
                LENGTH, ELEVATION     FEET
                FLOW                  CUBIC FEET PER SECOND
                STORAGE VOLUME        ACRE-FEET
                SURFACE AREA          ACRES
                TEMPERATURE           DEGREES FAHRENHEIT

      JP          MULTI-PLAN OPTION
                        NPLAN           1  NUMBER OF PLANS

      JR          MULTI-RATIO OPTION
                      RATIOS OF PRECIPITATION
                     1.00       .98       .97       .96       .95       .94       .93


 *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** ***
***


              **************
              *            *
   33 KK      *     ONSIT  *     E
              *            *
              **************

   35 KO          OUTPUT CONTROL VARIABLES
                        IPRNT           1  PRINT CONTROL
                        IPLOT           0  PLOT CONTROL
                        QSCAL          0.  HYDROGRAPH PLOT SCALE

   30 IN          TIME DATA FOR INPUT TIME SERIES
                        JXMIN           5  TIME INTERVAL IN MINUTES
```

JXDATE 1 0 STARTING DATE
JXTIME 0 STARTING TIME

SUBBASIN RUNOFF DATA

0 BA SUBBASIN CHARACTERISTICS
TAREA .00 SUBBASIN AREA

***

****
*

HYDROGRAPH AT STATION ONSIT

****
*

DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	*	1		1500	181	28.	*	2		0600	361	3716.	*	2		2100	541	258.
1		0005	2	0.	*	1		1505	182	29.	*	2		0605	362	3649.	*	2		2105	542	253.
1		0010	3	0.	*	1		1510	183	31.	*	2		0610	363	3581.	*	2		2110	543	248.
1		0015	4	0.	*	1		1515	184	33.	*	2		0615	364	3514.	*	2		2115	544	244.
1		0020	5	0.	*	1		1520	185	36.	*	2		0620	365	3452.	*	2		2120	545	242.
1		0025	6	0.	*	1		1525	186	39.	*	2		0625	366	3390.	*	2		2125	546	241.
1		0030	7	0.	*	1		1530	187	41.	*	2		0630	367	3328.	*	2		2130	547	239.
1		0035	8	0.	*	1		1535	188	46.	*	2		0635	368	3272.	*	2		2135	548	235.
1		0040	9	0.	*	1		1540	189	51.	*	2		0640	369	3215.	*	2		2140	549	230.
1		0045	10	0.	*	1		1545	190	55.	*	2		0645	370	3158.	*	2		2145	550	226.
1		0050	11	0.	*	1		1550	191	62.	*	2		0650	371	3099.	*	2		2150	551	224.
1		0055	12	0.	*	1		1555	192	69.	*	2		0655	372	3039.	*	2		2155	552	222.
1		0100	13	0.	*	1		1600	193	76.	*	2		0700	373	2980.	*	2		2200	553	220.
1		0105	14	0.	*	1		1605	194	104.	*	2		0705	374	2933.	*	2		2205	554	217.
1		0110	15	0.	*	1		1610	195	131.	*	2		0710	375	2886.	*	2		2210	555	214.
1		0115	16	0.	*	1		1615	196	158.	*	2		0715	376	2839.	*	2		2215	556	210.
1		0120	17	0.	*	1		1620	197	183.	*	2		0720	377	2793.	*	2		2220	557	206.
1		0125	18	0.	*	1		1625	198	207.	*	2		0725	378	2748.	*	2		2225	558	201.
1		0130	19	0.	*	1		1630	199	232.	*	2		0730	379	2702.	*	2		2230	559	196.
1		0135	20	0.	*	1		1635	200	264.	*	2		0735	380	2664.	*	2		2235	560	192.
1		0140	21	0.	*	1		1640	201	296.	*	2		0740	381	2626.	*	2		2240	561	188.
1		0145	22	0.	*	1		1645	202	329.	*	2		0745	382	2588.	*	2		2245	562	184.
1		0150	23	0.	*	1		1650	203	368.	*	2		0750	383	2548.	*	2		2250	563	182.
1		0155	24	0.	*	1		1655	204	408.	*	2		0755	384	2508.	*	2		2255	564	180.
1		0200	25	0.	*	1		1700	205	448.	*	2		0800	385	2468.	*	2		2300	565	178.
1		0205	26	0.	*	1		1705	206	525.	*	2		0805	386	2432.	*	2		2305	566	174.
1		0210	27	0.	*	1		1710	207	603.	*	2		0810	387	2395.	*	2		2310	567	171.
1		0215	28	0.	*	1		1715	208	680.	*	2		0815	388	2359.	*	2		2315	568	168.
1		0220	29	0.	*	1		1720	209	717.	*	2		0820	389	2328.	*	2		2320	569	165.
1		0225	30	0.	*	1		1725	210	753.	*	2		0825	390	2298.	*	2		2325	570	162.
1		0230	31	0.	*	1		1730	211	789.	*	2		0830	391	2267.	*	2		2330	571	159.
1		0235	32	0.	*	1		1735	212	822.	*	2		0835	392	2232.	*	2		2335	572	157.
1		0240	33	0.	*	1		1740	213	854.	*	2		0840	393	2197.	*	2		2340	573	155.
1		0245	34	0.	*	1		1745	214	887.	*	2		0845	394	2162.	*	2		2345	574	154.
1		0250	35	0.	*	1		1750	215	919.	*	2		0850	395	2134.	*	2		2350	575	151.
1		0255	36	0.	*	1		1755	216	951.	*	2		0855	396	2107.	*	2		2355	576	148.
1		0300	37	0.	*	1		1800	217	983.	*	2		0900	397	2079.	*	3		0000	577	145.
1		0305	38	0.	*	1		1805	218	1019.	*	2		0905	398	2051.	*	3		0005	578	142.
1		0310	39	0.	*	1		1810	219	1055.	*	2		0910	399	2022.	*	3		0010	579	139.
1		0315	40	0.	*	1		1815	220	1091.	*	2		0915	400	1994.	*	3		0015	580	136.
1		0320	41	0.	*	1		1820	221	1118.	*	2		0920	401	1962.	*	3		0020	581	134.
1		0325	42	0.	*	1		1825	222	1145.	*	2		0925	402	1930.	*	3		0025	582	131.
1		0330	43	0.	*	1		1830	223	1173.	*	2		0930	403	1899.	*	3		0030	583	129.
1		0335	44	0.	*	1		1835	224	1199.	*	2		0935	404	1873.	*	3		0035	584	129.
1		0340	45	0.	*	1		1840	225	1225.	*	2		0940	405	1848.	*	3		0040	585	128.
1		0345	46	0.	*	1		1845	226	1251.	*	2		0945	406	1823.	*	3		0045	586	128.
1		0350	47	0.	*	1		1850	227	1278.	*	2		0950	407	1797.	*	3		0050	587	123.
1		0355	48	0.	*	1		1855	228	1306.	*	2		0955	408	1772.	*	3		0055	588	118.
1		0400	49	0.	*	1		1900	229	1333.	*	2		1000	409	1747.	*	3		0100	589	113.
1		0405	50	0.	*	1		1905	230	1375.	*	2		1005	410	1721.	*	3		0105	590	111.
1		0410	51	0.	*	1		1910	231	1418.	*	2		1010	411	1696.	*	3		0110	591	110.
1		0415	52	0.	*	1		1915	232	1460.	*	2		1015	412	1671.	*	3		0115	592	108.
1		0420	53	0.	*	1		1920	233	1492.	*	2		1020	413	1647.	*	3		0120	593	107.
1		0425	54	0.	*	1		1925	234	1525.	*	2		1025	414	1622.	*	3		0125	594	105.
1		0430	55	0.	*	1		1930	235	1557.	*	2		1030	415	1598.	*	3		0130	595	104.
1		0435	56	0.	*	1		1935	236	1582.	*	2		1035	416	1573.	*	3		0135	596	101.
1		0440	57	0.	*	1		1940	237	1607.	*	2		1040	417	1548.	*	3		0140	597	97.
1		0445	58	0.	*	1		1945	238	1632.	*	2		1045	418	1523.	*	3		0145	598	94.
1		0450	59	0.	*	1		1950	239	1707.	*	2		1050	419	1500.	*	3		0150	599	92.
1		0455	60	0.	*	1		1955	240	1783.	*	2		1055	420	1477.	*	3		0155	600	91.
1		0500	61	0.	*	1		2000	241	1858.	*	2		1100	421	1455.	*	3		0200	601	89.
1		0505	62	0.	*	1		2005	242	2739.	*	2		1105	422	1433.	*	3		0205	602	87.
1		0510	63	0.	*	1		2010	243	3620.	*	2		1110	423	1410.	*	3		0210	603	85.
1		0515	64	0.	*	1		2015	244	4501.	*	2		1115	424	1388.	*	3		0215	604	82.
1		0520	65	0.	*	1		2020	245	5683.	*	2		1120	425	1365.	*	3		0220	605	81.
1		0525	66	0.	*	1		2025	246	6866.	*	2		1125	426	1341.	*	3		0225	606	79.
1		0530	67	0.	*	1		2030	247	8049.	*	2		1130	427	1318.	*	3		0230	607	77.
1		0535	68	0.	*	1		2035	248	8503.	*	2		1135	428	1298.	*	3		0235	608	75.
1		0540	69	0.	*	1		2040	249	8958.	*	2		1140	429	1279.	*	3		0240	609	72.
1		0545	70	0.	*	1		2045	250	9412.	*	2		1145	430	1260.	*	3		0245	610	70.
1		0550	71	0.	*	1		2050	251	9849.	*	2		1150	431	1241.	*	3		0250	611	69.
1		0555	72	0.	*	1		2055	252	10286.	*	2		1155	432	1223.	*	3		0255	612	68.
1		0600	73	0.	*	1		2100	253	10723.	*	2		1200	433	1204.	*	3		0300	613	67.
1		0605	74	0.	*	1		2105	254	10780.	*	2		1205	434	1182.	*	3		0305	614	66.
1		0610	75	0.	*	1		2110	255	10668.	*	2		1210	435	1160.	*	3		0310	615	65.
1		0615	76	0.	*	1		2115	256	10556.	*	2		1215	436	1137.	*	3		0315	616	63.
1		0620	77	0.	*	1		2120	257	10379.	*	2		1220	437	1116.	*	3		0320	617	62.
1		0625	78	0.	*	1		2125	258	10203.	*	2		1225	438	1096.	*	3		0325	618	60.
1		0630	79	0.	*	1		2130	259	10027.	*	2		1230	439	1075.	*	3		0330	619	58.
1		0635	80	0.	*	1		2135	260	9858.	*	2		1235	440	1058.	*	3		0335	620	58.
1		0640	81	0.	*	1		2140	261	9690.	*	2		1240	441	1041.	*	3		0340	621	58.
1		0645	82	0.	*	1		2145	262	9521.	*	2		1245	442	1024.	*	3		0345	622	58.
1		0650	83	0.	*	1		2150	263	9352.	*	2		1250	443	1008.	*	3		0350	623	57.
1		0655	84	0.	*	1		2155	264	9183.	*	2		1255	444	991.	*	3		0355	624	56.
1		0700	85	0.	*	1		2200	265	9014.	*	2		1300	445	974.	*	3		0400	625	50.
1		0705	86	0.	*	1		2205	266	8855.	*	2		1305	446	958.	*	3		0405	626	49.
1		0710	87	0.	*	1		2210	267	8696.	*	2		1310	447	942.	*	3		0410	627	49.
1		0715	88	0.	*	1		2215	268	8536.	*	2		1315	448	926.	*	3		0415	628	49.
1		0720	89	0.	*	1		2220	269	8393.	*	2		1320	449	912.	*	3		0420	629	49.
1		0725	90	0.	*	1		2225	270	8250.	*	2		1325	450	899.	*	3		0425	630	50.

1	0730	91	0.	*	1	2230	271	8107.	*	2	1330	451	885.	*	3	0430	631	50.
1	0735	92	0.	*	1	2235	272	7990.	*	2	1335	452	871.	*	3	0435	632	48.
1	0740	93	0.	*	1	2240	273	7872.	*	2	1340	453	857.	*	3	0440	633	46.
1	0745	94	0.	*	1	2245	274	7754.	*	2	1345	454	844.	*	3	0445	634	44.
1	0750	95	0.	*	1	2250	275	7655.	*	2	1350	455	831.	*	3	0450	635	43.
1	0755	96	0.	*	1	2255	276	7556.	*	2	1355	456	818.	*	3	0455	636	43.
1	0800	97	0.	*	1	2300	277	7456.	*	2	1400	457	805.	*	3	0500	637	42.
1	0805	98	0.	*	1	2305	278	7372.	*	2	1405	458	794.	*	3	0505	638	42.
1	0810	99	0.	*	1	2310	279	7288.	*	2	1410	459	784.	*	3	0510	639	41.
1	0815	100	0.	*	1	2315	280	7204.	*	2	1415	460	773.	*	3	0515	640	41.
1	0820	101	0.	*	1	2320	281	7132.	*	2	1420	461	761.	*	3	0520	641	41.
1	0825	102	0.	*	1	2325	282	7060.	*	2	1425	462	749.	*	3	0525	642	40.
1	0830	103	0.	*	1	2330	283	6989.	*	2	1430	463	737.	*	3	0530	643	40.
1	0835	104	0.	*	1	2335	284	6926.	*	2	1435	464	726.	*	3	0535	644	39.
1	0840	105	0.	*	1	2340	285	6864.	*	2	1440	465	715.	*	3	0540	645	37.
1	0845	106	0.	*	1	2345	286	6802.	*	2	1445	466	704.	*	3	0545	646	36.
1	0850	107	0.	*	1	2350	287	6747.	*	2	1450	467	695.	*	3	0550	647	36.
1	0855	108	0.	*	1	2355	288	6692.	*	2	1455	468	686.	*	3	0555	648	36.
1	0900	109	0.	*	2	0000	289	6638.	*	2	1500	469	677.	*	3	0600	649	35.
1	0905	110	0.	*	2	0005	290	6583.	*	2	1505	470	669.	*	3	0605	650	35.
1	0910	111	0.	*	2	0010	291	6528.	*	2	1510	471	661.	*	3	0610	651	34.
1	0915	112	0.	*	2	0015	292	6473.	*	2	1515	472	652.	*	3	0615	652	34.
1	0920	113	0.	*	2	0020	293	6424.	*	2	1520	473	643.	*	3	0620	653	33.
1	0925	114	0.	*	2	0025	294	6375.	*	2	1525	474	633.	*	3	0625	654	32.
1	0930	115	0.	*	2	0030	295	6326.	*	2	1530	475	624.	*	3	0630	655	31.
1	0935	116	0.	*	2	0035	296	6285.	*	2	1535	476	616.	*	3	0635	656	30.
1	0940	117	0.	*	2	0040	297	6245.	*	2	1540	477	609.	*	3	0640	657	30.
1	0945	118	0.	*	2	0045	298	6204.	*	2	1545	478	602.	*	3	0645	658	29.
1	0950	119	0.	*	2	0050	299	6167.	*	2	1550	479	591.	*	3	0650	659	28.
1	0955	120	0.	*	2	0055	300	6130.	*	2	1555	480	580.	*	3	0655	660	27.
1	1000	121	0.	*	2	0100	301	6093.	*	2	1600	481	570.	*	3	0700	661	26.
1	1005	122	0.	*	2	0105	302	6056.	*	2	1605	482	564.	*	3	0705	662	26.
1	1010	123	0.	*	2	0110	303	6018.	*	2	1610	483	557.	*	3	0710	663	25.
1	1015	124	0.	*	2	0115	304	5981.	*	2	1615	484	551.	*	3	0715	664	24.
1	1020	125	0.	*	2	0120	305	5949.	*	2	1620	485	546.	*	3	0720	665	24.
1	1025	126	0.	*	2	0125	306	5918.	*	2	1625	486	541.	*	3	0725	666	24.
1	1030	127	0.	*	2	0130	307	5887.	*	2	1630	487	535.	*	3	0730	667	24.
1	1035	128	0.	*	2	0135	308	5860.	*	2	1635	488	527.	*	3	0735	668	23.
1	1040	129	0.	*	2	0140	309	5833.	*	2	1640	489	518.	*	3	0740	669	22.
1	1045	130	0.	*	2	0145	310	5806.	*	2	1645	490	510.	*	3	0745	670	21.
1	1050	131	0.	*	2	0150	311	5779.	*	2	1650	491	503.	*	3	0750	671	22.
1	1055	132	0.	*	2	0155	312	5753.	*	2	1655	492	497.	*	3	0755	672	22.
1	1100	133	0.	*	2	0200	313	5727.	*	2	1700	493	491.	*	3	0800	673	22.
1	1105	134	0.	*	2	0205	314	5702.	*	2	1705	494	483.	*	3	0805	674	22.
1	1110	135	0.	*	2	0210	315	5678.	*	2	1710	495	475.	*	3	0810	675	21.
1	1115	136	0.	*	2	0215	316	5653.	*	2	1715	496	467.	*	3	0815	676	21.
1	1120	137	0.	*	2	0220	317	5633.	*	2	1720	497	459.	*	3	0820	677	20.
1	1125	138	0.	*	2	0225	318	5612.	*	2	1725	498	451.	*	3	0825	678	19.
1	1130	139	0.	*	2	0230	319	5591.	*	2	1730	499	444.	*	3	0830	679	18.
1	1135	140	0.	*	2	0235	320	5571.	*	2	1735	500	436.	*	3	0835	680	18.
1	1140	141	0.	*	2	0240	321	5551.	*	2	1740	501	428.	*	3	0840	681	19.
1	1145	142	0.	*	2	0245	322	5531.	*	2	1745	502	420.	*	3	0845	682	20.
1	1150	143	0.	*	2	0250	323	5509.	*	2	1750	503	415.	*	3	0850	683	18.
1	1155	144	0.	*	2	0255	324	5487.	*	2	1755	504	411.	*	3	0855	684	17.
1	1200	145	0.	*	2	0300	325	5465.	*	2	1800	505	406.	*	3	0900	685	16.
1	1205	146	0.	*	2	0305	326	5445.	*	2	1805	506	399.	*	3	0905	686	15.
1	1210	147	0.	*	2	0310	327	5424.	*	2	1810	507	393.	*	3	0910	687	14.
1	1215	148	0.	*	2	0315	328	5403.	*	2	1815	508	387.	*	3	0915	688	14.
1	1220	149	0.	*	2	0320	329	5383.	*	2	1820	509	381.	*	3	0920	689	14.
1	1225	150	0.	*	2	0325	330	5364.	*	2	1825	510	375.	*	3	0925	690	14.
1	1230	151	0.	*	2	0330	331	5344.	*	2	1830	511	370.	*	3	0930	691	14.
1	1235	152	0.	*	2	0335	332	5317.	*	2	1835	512	364.	*	3	0935	692	14.
1	1240	153	0.	*	2	0340	333	5290.	*	2	1840	513	358.	*	3	0940	693	13.
1	1245	154	0.	*	2	0345	334	5263.	*	2	1845	514	352.	*	3	0945	694	12.
1	1250	155	0.	*	2	0350	335	5231.	*	2	1850	515	348.	*	3	0950	695	11.
1	1255	156	0.	*	2	0355	336	5199.	*	2	1855	516	344.	*	3	0955	696	11.
1	1300	157	0.	*	2	0400	337	5166.	*	2	1900	517	340.	*	3	1000	697	10.
1	1305	158	1.	*	2	0405	338	5126.	*	2	1905	518	335.	*	3	1005	698	10.
1	1310	159	2.	*	2	0410	339	5085.	*	2	1910	519	330.	*	3	1010	699	11.
1	1315	160	3.	*	2	0415	340	5045.	*	2	1915	520	325.	*	3	1015	700	11.
1	1320	161	4.	*	2	0420	341	4995.	*	2	1920	521	321.	*	3	1020	701	10.
1	1325	162	4.	*	2	0425	342	4945.	*	2	1925	522	317.	*	3	1025	702	9.
1	1330	163	5.	*	2	0430	343	4895.	*	2	1930	523	313.	*	3	1030	703	8.
1	1335	164	5.	*	2	0435	344	4843.	*	2	1935	524	310.	*	3	1035	704	8.
1	1340	165	5.	*	2	0440	345	4790.	*	2	1940	525	307.	*	3	1040	705	7.
1	1345	166	6.	*	2	0445	346	4738.	*	2	1945	526	305.	*	3	1045	706	7.
1	1350	167	8.	*	2	0450	347	4674.	*	2	1950	527	302.	*	3	1050	707	6.
1	1355	168	10.	*	2	0455	348	4611.	*	2	1955	528	300.	*	3	1055	708	4.
1	1400	169	13.	*	2	0500	349	4548.	*	2	2000	529	297.	*	3	1100	709	3.
1	1405	170	15.	*	2	0505	350	4480.	*	2	2005	530	293.	*	3	1105	710	3.
1	1410	171	18.	*	2	0510	351	4412.	*	2	2010	531	289.	*	3	1110	711	2.
1	1415	172	21.	*	2	0515	352	4345.	*	2	2015	532	285.	*	3	1115	712	2.
1	1420	173	22.	*	2	0520	353	4274.	*	2	2020	533	281.	*	3	1120	713	2.
1	1425	174	22.	*	2	0525	354	4204.	*	2	2025	534	278.	*	3	1125	714	1.
1	1430	175	22.	*	2	0530	355	4134.	*	2	2030	535	274.	*	3	1130	715	1.
1	1435	176	23.	*	2	0535	356	4063.	*	2	2035	536	271.	*	3	1135	716	1.
1	1440	177	23.	*	2	0540	357	3992.	*	2	2040	537	268.	*	3	1140	717	1.
1	1445	178	24.	*	2	0545	358	3921.	*	2	2045	538	265.	*	3	1145	718	1.
1	1450	179	25.	*	2	0550	359	3852.	*	2	2050	539	262.	*	3	1150	719	1.
1	1455	180	26.	*	2	0555	360	3784.	*	2	2055	540	260.	*	3	1155	720	1.
				*					*					*				

****
*

PEAK FLOW	TIME			MAXIMUM AVERAGE FLOW		
			6-HR	24-HR	72-HR	59.92-HR
+ (CFS)	(HR)					
		(CFS)				
+ 10780.	21.08		7525.	3538.	1465.	1465.
		(INCHES)	.000	.000	.000	.000
		(AC-FT)	3731.	7018.	7255.	7255.

CUMULATIVE AREA = .00 SQ MI

****
*

HYDROGRAPH AT STATION ONSIT
PLAN 1, RATIO = 1.00

DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1500	181	28.	2		0600	361	3716.	2		2100	541	258.
1		0005	2	0.	1		1505	182	29.	2		0605	362	3649.	2		2105	542	253.
1		0010	3	0.	1		1510	183	31.	2		0610	363	3581.	2		2110	543	248.
1		0015	4	0.	1		1515	184	33.	2		0615	364	3514.	2		2115	544	244.
1		0020	5	0.	1		1520	185	36.	2		0620	365	3452.	2		2120	545	242.
1		0025	6	0.	1		1525	186	39.	2		0625	366	3390.	2		2125	546	241.
1		0030	7	0.	1		1530	187	41.	2		0630	367	3328.	2		2130	547	239.
1		0035	8	0.	1		1535	188	46.	2		0635	368	3272.	2		2135	548	235.
1		0040	9	0.	1		1540	189	51.	2		0640	369	3215.	2		2140	549	230.
1		0045	10	0.	1		1545	190	55.	2		0645	370	3158.	2		2145	550	226.
1		0050	11	0.	1		1550	191	62.	2		0650	371	3099.	2		2150	551	224.
1		0055	12	0.	1		1555	192	69.	2		0655	372	3039.	2		2155	552	222.
1		0100	13	0.	1		1600	193	76.	2		0700	373	2980.	2		2200	553	220.
1		0105	14	0.	1		1605	194	104.	2		0705	374	2933.	2		2205	554	217.
1		0110	15	0.	1		1610	195	131.	2		0710	375	2886.	2		2210	555	214.
1		0115	16	0.	1		1615	196	158.	2		0715	376	2839.	2		2215	556	210.
1		0120	17	0.	1		1620	197	183.	2		0720	377	2793.	2		2220	557	206.
1		0125	18	0.	1		1625	198	207.	2		0725	378	2748.	2		2225	558	201.
1		0130	19	0.	1		1630	199	232.	2		0730	379	2702.	2		2230	559	196.
1		0135	20	0.	1		1635	200	264.	2		0735	380	2664.	2		2235	560	192.
1		0140	21	0.	1		1640	201	296.	2		0740	381	2626.	2		2240	561	188.
1		0145	22	0.	1		1645	202	329.	2		0745	382	2588.	2		2245	562	184.
1		0150	23	0.	1		1650	203	368.	2		0750	383	2548.	2		2250	563	182.
1		0155	24	0.	1		1655	204	408.	2		0755	384	2508.	2		2255	564	180.
1		0200	25	0.	1		1700	205	448.	2		0800	385	2468.	2		2300	565	178.
1		0205	26	0.	1		1705	206	525.	2		0805	386	2432.	2		2305	566	174.
1		0210	27	0.	1		1710	207	603.	2		0810	387	2395.	2		2310	567	171.
1		0215	28	0.	1		1715	208	680.	2		0815	388	2359.	2		2315	568	168.
1		0220	29	0.	1		1720	209	717.	2		0820	389	2328.	2		2320	569	165.
1		0225	30	0.	1		1725	210	753.	2		0825	390	2298.	2		2325	570	162.
1		0230	31	0.	1		1730	211	789.	2		0830	391	2267.	2		2330	571	159.
1		0235	32	0.	1		1735	212	822.	2		0835	392	2232.	2		2335	572	157.
1		0240	33	0.	1		1740	213	854.	2		0840	393	2197.	2		2340	573	155.
1		0245	34	0.	1		1745	214	887.	2		0845	394	2162.	2		2345	574	154.
1		0250	35	0.	1		1750	215	919.	2		0850	395	2134.	2		2350	575	151.
1		0255	36	0.	1		1755	216	951.	2		0855	396	2107.	2		2355	576	148.
1		0300	37	0.	1		1800	217	983.	2		0900	397	2079.	3		0000	577	145.
1		0305	38	0.	1		1805	218	1019.	2		0905	398	2051.	3		0005	578	142.
1		0310	39	0.	1		1810	219	1055.	2		0910	399	2022.	3		0010	579	139.
1		0315	40	0.	1		1815	220	1091.	2		0915	400	1994.	3		0015	580	136.
1		0320	41	0.	1		1820	221	1118.	2		0920	401	1962.	3		0020	581	134.
1		0325	42	0.	1		1825	222	1145.	2		0925	402	1930.	3		0025	582	131.
1		0330	43	0.	1		1830	223	1173.	2		0930	403	1899.	3		0030	583	129.
1		0335	44	0.	1		1835	224	1199.	2		0935	404	1873.	3		0035	584	129.
1		0340	45	0.	1		1840	225	1225.	2		0940	405	1848.	3		0040	585	128.
1		0345	46	0.	1		1845	226	1251.	2		0945	406	1823.	3		0045	586	128.
1		0350	47	0.	1		1850	227	1278.	2		0950	407	1797.	3		0050	587	123.
1		0355	48	0.	1		1855	228	1306.	2		0955	408	1772.	3		0055	588	118.
1		0400	49	0.	1		1900	229	1333.	2		1000	409	1747.	3		0100	589	113.
1		0405	50	0.	1		1905	230	1375.	2		1005	410	1721.	3		0105	590	111.
1		0410	51	0.	1		1910	231	1418.	2		1010	411	1696.	3		0110	591	110.
1		0415	52	0.	1		1915	232	1460.	2		1015	412	1671.	3		0115	592	108.
1		0420	53	0.	1		1920	233	1492.	2		1020	413	1647.	3		0120	593	107.
1		0425	54	0.	1		1925	234	1525.	2		1025	414	1622.	3		0125	594	105.
1		0430	55	0.	1		1930	235	1557.	2		1030	415	1598.	3		0130	595	104.
1		0435	56	0.	1		1935	236	1582.	2		1035	416	1573.	3		0135	596	101.
1		0440	57	0.	1		1940	237	1607.	2		1040	417	1548.	3		0140	597	97.
1		0445	58	0.	1		1945	238	1632.	2		1045	418	1523.	3		0145	598	94.
1		0450	59	0.	1		1950	239	1707.	2		1050	419	1500.	3		0150	599	92.
1		0455	60	0.	1		1955	240	1783.	2		1055	420	1477.	3		0155	600	91.
1		0500	61	0.	1		2000	241	1858.	2		1100	421	1455.	3		0200	601	89.
1		0505	62	0.	1		2005	242	2739.	2		1105	422	1433.	3		0205	602	87.
1		0510	63	0.	1		2010	243	3620.	2		1110	423	1410.	3		0210	603	85.
1		0515	64	0.	1		2015	244	4501.	2		1115	424	1388.	3		0215	604	82.
1		0520	65	0.	1		2020	245	5683.	2		1120	425	1365.	3		0220	605	81.
1		0525	66	0.	1		2025	246	6866.	2		1125	426	1341.	3		0225	606	79.
1		0530	67	0.	1		2030	247	8049.	2		1130	427	1318.	3		0230	607	77.
1		0535	68	0.	1		2035	248	8503.	2		1135	428	1298.	3		0235	608	75.
1		0540	69	0.	1		2040	249	8958.	2		1140	429	1279.	3		0240	609	72.
1		0545	70	0.	1		2045	250	9412.	2		1145	430	1260.	3		0245	610	70.
1		0550	71	0.	1		2050	251	9849.	2		1150	431	1241.	3		0250	611	69.
1		0555	72	0.	1		2055	252	10286.	2		1155	432	1223.	3		0255	612	68.
1		0600	73	0.	1		2100	253	10723.	2		1200	433	1204.	3		0300	613	67.
1		0605	74	0.	1		2105	254	10780.	2		1205	434	1182.	3		0305	614	66.
1		0610	75	0.	1		2110	255	10668.	2		1210	435	1160.	3		0310	615	65.
1		0615	76	0.	1		2115	256	10556.	2		1215	436	1137.	3		0315	616	63.
1		0620	77	0.	1		2120	257	10379.	2		1220	437	1116.	3		0320	617	62.
1		0625	78	0.	1		2125	258	10203.	2		1225	438	1096.	3		0325	618	60.
1		0630	79	0.	1		2130	259	10027.	2		1230	439	1075.	3		0330	619	58.
1		0635	80	0.	1		2135	260	9858.	2		1235	440	1058.	3		0335	620	58.
1		0640	81	0.	1		2140	261	9690.	2		1240	441	1041.	3		0340	621	58.
1		0645	82	0.	1		2145	262	9521.	2		1245	442	1024.	3		0345	622	58.
1		0650	83	0.	1		2150	263	9352.	2		1250	443	1008.	3		0350	623	57.
1		0655	84	0.	1		2155	264	9183.	2		1255	444	991.	3		0355	624	56.
1		0700	85	0.	1		2200	265	9014.	2		1300	445	974.	3		0400	625	50.
1		0705	86	0.	1		2205	266	8855.	2		1305	446	958.	3		0405	626	49.
1		0710	87	0.	1		2210	267	8696.	2		1310	447	942.	3		0410	627	49.
1		0715	88	0.	1		2215	268	8536.	2		1315	448	926.	3		0415	628	49.
1		0720	89	0.	1		2220	269	8393.	2		1320	449	912.	3		0420	629	49.
1		0725	90	0.	1		2225	270	8250.	2		1325	450	899.	3		0425	630	50.
1		0730	91	0.	1		2230	271	8107.	2		1330	451	885.	3		0430	631	50.
1		0735	92	0.	1		2235	272	7990.	2		1335	452	871.	3		0435	632	48.
1		0740	93	0.	1		2240	273	7872.	2		1340	453	857.	3		0440	633	46.
1		0745	94	0.	1		2245	274	7754.	2		1345	454	844.	3		0445	634	44.
1		0750	95	0.	1		2250	275	7655.	2		1350	455	831.	3		0450	635	43.
1		0755	96	0.	1		2255	276	7556.	2		1355	456	818.	3		0455	636	43.
1		0800	97	0.	1		2300	277	7456.	2		1400	457	805.	3		0500	637	42.
1		0805	98	0.	1		2305	278	7372.	2		1405	458	794.	3		0505	638	42.
1		0810	99	0.	1		2310	279	7288.	2		1410	459	784.	3		0510	639	41.
1		0815	100	0.	1		2315	280	7204.	2		1415	460	773.	3		0515	640	41.
1		0820	101	0.	1		2320	281	7132.	2		1420	461	761.	3		0520	641	41.
1		0825	102	0.	1		2325	282	7060.	2		1425	462	749.	3		0525	642	40.
1		0830	103	0.	1		2330	283	6989.	2		1430	463	737.	3		0530	643	40.
1		0835	104	0.	1		2335	284	6926.	2		1435	464	726.	3		0535	644	39.
1		0840	105	0.	1		2340	285	6864.	2		1440	465	715.	3		0540	645	37.

1	0845	106	0.	1	2345	286	6802.	2	1445	466	704.	3	0545	646	36.
1	0850	107	0.	1	2350	287	6747.	2	1450	467	695.	3	0550	647	36.
1	0855	108	0.	1	2355	288	6692.	2	1455	468	686.	3	0555	648	36.
1	0900	109	0.	2	0000	289	6638.	2	1500	469	677.	3	0600	649	35.
1	0905	110	0.	2	0005	290	6583.	2	1505	470	669.	3	0605	650	35.
1	0910	111	0.	2	0010	291	6528.	2	1510	471	661.	3	0610	651	34.
1	0915	112	0.	2	0015	292	6473.	2	1515	472	652.	3	0615	652	34.
1	0920	113	0.	2	0020	293	6424.	2	1520	473	643.	3	0620	653	33.
1	0925	114	0.	2	0025	294	6375.	2	1525	474	633.	3	0625	654	32.
1	0930	115	0.	2	0030	295	6326.	2	1530	475	624.	3	0630	655	31.
1	0935	116	0.	2	0035	296	6285.	2	1535	476	616.	3	0635	656	30.
1	0940	117	0.	2	0040	297	6245.	2	1540	477	609.	3	0640	657	30.
1	0945	118	0.	2	0045	298	6204.	2	1545	478	602.	3	0645	658	29.
1	0950	119	0.	2	0050	299	6167.	2	1550	479	591.	3	0650	659	28.
1	0955	120	0.	2	0055	300	6130.	2	1555	480	580.	3	0655	660	27.
1	1000	121	0.	2	0100	301	6093.	2	1600	481	570.	3	0700	661	26.
1	1005	122	0.	2	0105	302	6056.	2	1605	482	564.	3	0705	662	26.
1	1010	123	0.	2	0110	303	6018.	2	1610	483	557.	3	0710	663	25.
1	1015	124	0.	2	0115	304	5981.	2	1615	484	551.	3	0715	664	24.
1	1020	125	0.	2	0120	305	5949.	2	1620	485	546.	3	0720	665	24.
1	1025	126	0.	2	0125	306	5918.	2	1625	486	541.	3	0725	666	24.
1	1030	127	0.	2	0130	307	5887.	2	1630	487	535.	3	0730	667	24.
1	1035	128	0.	2	0135	308	5860.	2	1635	488	527.	3	0735	668	23.
1	1040	129	0.	2	0140	309	5833.	2	1640	489	518.	3	0740	669	22.
1	1045	130	0.	2	0145	310	5806.	2	1645	490	510.	3	0745	670	21.
1	1050	131	0.	2	0150	311	5779.	2	1650	491	503.	3	0750	671	22.
1	1055	132	0.	2	0155	312	5753.	2	1655	492	497.	3	0755	672	22.
1	1100	133	0.	2	0200	313	5727.	2	1700	493	491.	3	0800	673	22.
1	1105	134	0.	2	0205	314	5702.	2	1705	494	483.	3	0805	674	22.
1	1110	135	0.	2	0210	315	5678.	2	1710	495	475.	3	0810	675	21.
1	1115	136	0.	2	0215	316	5653.	2	1715	496	467.	3	0815	676	21.
1	1120	137	0.	2	0220	317	5633.	2	1720	497	459.	3	0820	677	20.
1	1125	138	0.	2	0225	318	5612.	2	1725	498	451.	3	0825	678	19.
1	1130	139	0.	2	0230	319	5591.	2	1730	499	444.	3	0830	679	18.
1	1135	140	0.	2	0235	320	5571.	2	1735	500	436.	3	0835	680	18.
1	1140	141	0.	2	0240	321	5551.	2	1740	501	428.	3	0840	681	19.
1	1145	142	0.	2	0245	322	5531.	2	1745	502	420.	3	0845	682	20.
1	1150	143	0.	2	0250	323	5509.	2	1750	503	415.	3	0850	683	18.
1	1155	144	0.	2	0255	324	5487.	2	1755	504	411.	3	0855	684	17.
1	1200	145	0.	2	0300	325	5465.	2	1800	505	406.	3	0900	685	16.
1	1205	146	0.	2	0305	326	5445.	2	1805	506	399.	3	0905	686	15.
1	1210	147	0.	2	0310	327	5424.	2	1810	507	393.	3	0910	687	14.
1	1215	148	0.	2	0315	328	5403.	2	1815	508	387.	3	0915	688	14.
1	1220	149	0.	2	0320	329	5383.	2	1820	509	381.	3	0920	689	14.
1	1225	150	0.	2	0325	330	5364.	2	1825	510	375.	3	0925	690	14.
1	1230	151	0.	2	0330	331	5344.	2	1830	511	370.	3	0930	691	14.
1	1235	152	0.	2	0335	332	5317.	2	1835	512	364.	3	0935	692	14.
1	1240	153	0.	2	0340	333	5290.	2	1840	513	358.	3	0940	693	13.
1	1245	154	0.	2	0345	334	5263.	2	1845	514	352.	3	0945	694	12.
1	1250	155	0.	2	0350	335	5231.	2	1850	515	348.	3	0950	695	11.
1	1255	156	0.	2	0355	336	5199.	2	1855	516	344.	3	0955	696	11.
1	1300	157	0.	2	0400	337	5166.	2	1900	517	340.	3	1000	697	10.
1	1305	158	1.	2	0405	338	5126.	2	1905	518	335.	3	1005	698	10.
1	1310	159	2.	2	0410	339	5085.	2	1910	519	330.	3	1010	699	11.
1	1315	160	3.	2	0415	340	5045.	2	1915	520	325.	3	1015	700	11.
1	1320	161	4.	2	0420	341	4995.	2	1920	521	321.	3	1020	701	10.
1	1325	162	4.	2	0425	342	4945.	2	1925	522	317.	3	1025	702	9.
1	1330	163	5.	2	0430	343	4895.	2	1930	523	313.	3	1030	703	8.
1	1335	164	5.	2	0435	344	4843.	2	1935	524	310.	3	1035	704	8.
1	1340	165	5.	2	0440	345	4790.	2	1940	525	307.	3	1040	705	7.
1	1345	166	6.	2	0445	346	4738.	2	1945	526	305.	3	1045	706	7.
1	1350	167	8.	2	0450	347	4674.	2	1950	527	302.	3	1050	707	6.
1	1355	168	10.	2	0455	348	4611.	2	1955	528	300.	3	1055	708	4.
1	1400	169	13.	2	0500	349	4548.	2	2000	529	297.	3	1100	709	3.
1	1405	170	15.	2	0505	350	4480.	2	2005	530	293.	3	1105	710	3.
1	1410	171	18.	2	0510	351	4412.	2	2010	531	289.	3	1110	711	2.
1	1415	172	21.	2	0515	352	4345.	2	2015	532	285.	3	1115	712	2.
1	1420	173	22.	2	0520	353	4274.	2	2020	533	281.	3	1120	713	2.
1	1425	174	22.	2	0525	354	4204.	2	2025	534	278.	3	1125	714	1.
1	1430	175	22.	2	0530	355	4134.	2	2030	535	274.	3	1130	715	1.
1	1435	176	23.	2	0535	356	4063.	2	2035	536	271.	3	1135	716	1.
1	1440	177	23.	2	0540	357	3992.	2	2040	537	268.	3	1140	717	1.
1	1445	178	24.	2	0545	358	3921.	2	2045	538	265.	3	1145	718	1.
1	1450	179	25.	2	0550	359	3852.	2	2050	539	262.	3	1150	719	1.
1	1455	180	26.	2	0555	360	3784.	2	2055	540	260.	3	1155	720	1.

****
*

	PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
				6-HR	24-HR	72-HR	59.92-HR
+	(CFS)	(HR)					
			(CFS)				
+	10780.	21.08		7525.	3538.	1465.	1465.
			(INCHES)	.000	.000	.000	.000
			(AC-FT)	3731.	7018.	7255.	7255.

CUMULATIVE AREA = .00 SQ MI

****
*

HYDROGRAPH AT STATION ONSIT
PLAN 1, RATIO = .98

****
*

DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1500	181	28.	2		0600	361	3716.	2		2100	541	258.
1		0005	2	0.	1		1505	182	29.	2		0605	362	3649.	2		2105	542	253.
1		0010	3	0.	1		1510	183	31.	2		0610	363	3581.	2		2110	543	248.
1		0015	4	0.	1		1515	184	33.	2		0615	364	3514.	2		2115	544	244.
1		0020	5	0.	1		1520	185	36.	2		0620	365	3452.	2		2120	545	242.
1		0025	6	0.	1		1525	186	39.	2		0625	366	3390.	2		2125	546	241.
1		0030	7	0.	1		1530	187	41.	2		0630	367	3328.	2		2130	547	239.
1		0035	8	0.	1		1535	188	46.	2		0635	368	3272.	2		2135	548	235.

1	0040	9	0.	*	1	1540	189	51.	*	2	0640	369	3215.	*	2	2140	549	230.
1	0045	10	0.	*	1	1545	190	55.	*	2	0645	370	3158.	*	2	2145	550	226.
1	0050	11	0.	*	1	1550	191	62.	*	2	0650	371	3099.	*	2	2150	551	224.
1	0055	12	0.	*	1	1555	192	69.	*	2	0655	372	3039.	*	2	2155	552	222.
1	0100	13	0.	*	1	1600	193	76.	*	2	0700	373	2980.	*	2	2200	553	220.
1	0105	14	0.	*	1	1605	194	104.	*	2	0705	374	2933.	*	2	2205	554	217.
1	0110	15	0.	*	1	1610	195	131.	*	2	0710	375	2886.	*	2	2210	555	214.
1	0115	16	0.	*	1	1615	196	158.	*	2	0715	376	2839.	*	2	2215	556	210.
1	0120	17	0.	*	1	1620	197	183.	*	2	0720	377	2793.	*	2	2220	557	206.
1	0125	18	0.	*	1	1625	198	207.	*	2	0725	378	2748.	*	2	2225	558	201.
1	0130	19	0.	*	1	1630	199	232.	*	2	0730	379	2702.	*	2	2230	559	196.
1	0135	20	0.	*	1	1635	200	264.	*	2	0735	380	2664.	*	2	2235	560	192.
1	0140	21	0.	*	1	1640	201	296.	*	2	0740	381	2626.	*	2	2240	561	188.
1	0145	22	0.	*	1	1645	202	329.	*	2	0745	382	2588.	*	2	2245	562	184.
1	0150	23	0.	*	1	1650	203	368.	*	2	0750	383	2548.	*	2	2250	563	182.
1	0155	24	0.	*	1	1655	204	408.	*	2	0755	384	2508.	*	2	2255	564	180.
1	0200	25	0.	*	1	1700	205	448.	*	2	0800	385	2468.	*	2	2300	565	178.
1	0205	26	0.	*	1	1705	206	525.	*	2	0805	386	2432.	*	2	2305	566	174.
1	0210	27	0.	*	1	1710	207	603.	*	2	0810	387	2395.	*	2	2310	567	171.
1	0215	28	0.	*	1	1715	208	680.	*	2	0815	388	2359.	*	2	2315	568	168.
1	0220	29	0.	*	1	1720	209	717.	*	2	0820	389	2328.	*	2	2320	569	165.
1	0225	30	0.	*	1	1725	210	753.	*	2	0825	390	2298.	*	2	2325	570	162.
1	0230	31	0.	*	1	1730	211	789.	*	2	0830	391	2267.	*	2	2330	571	159.
1	0235	32	0.	*	1	1735	212	822.	*	2	0835	392	2232.	*	2	2335	572	157.
1	0240	33	0.	*	1	1740	213	854.	*	2	0840	393	2197.	*	2	2340	573	155.
1	0245	34	0.	*	1	1745	214	887.	*	2	0845	394	2162.	*	2	2345	574	154.
1	0250	35	0.	*	1	1750	215	919.	*	2	0850	395	2134.	*	2	2350	575	151.
1	0255	36	0.	*	1	1755	216	951.	*	2	0855	396	2107.	*	2	2355	576	148.
1	0300	37	0.	*	1	1800	217	983.	*	2	0900	397	2079.	*	3	0000	577	145.
1	0305	38	0.	*	1	1805	218	1019.	*	2	0905	398	2051.	*	3	0005	578	142.
1	0310	39	0.	*	1	1810	219	1055.	*	2	0910	399	2022.	*	3	0010	579	139.
1	0315	40	0.	*	1	1815	220	1091.	*	2	0915	400	1994.	*	3	0015	580	136.
1	0320	41	0.	*	1	1820	221	1118.	*	2	0920	401	1962.	*	3	0020	581	134.
1	0325	42	0.	*	1	1825	222	1145.	*	2	0925	402	1930.	*	3	0025	582	131.
1	0330	43	0.	*	1	1830	223	1173.	*	2	0930	403	1899.	*	3	0030	583	129.
1	0335	44	0.	*	1	1835	224	1199.	*	2	0935	404	1873.	*	3	0035	584	129.
1	0340	45	0.	*	1	1840	225	1225.	*	2	0940	405	1848.	*	3	0040	585	128.
1	0345	46	0.	*	1	1845	226	1251.	*	2	0945	406	1823.	*	3	0045	586	128.
1	0350	47	0.	*	1	1850	227	1278.	*	2	0950	407	1797.	*	3	0050	587	123.
1	0355	48	0.	*	1	1855	228	1306.	*	2	0955	408	1772.	*	3	0055	588	118.
1	0400	49	0.	*	1	1900	229	1333.	*	2	1000	409	1747.	*	3	0100	589	113.
1	0405	50	0.	*	1	1905	230	1375.	*	2	1005	410	1721.	*	3	0105	590	111.
1	0410	51	0.	*	1	1910	231	1418.	*	2	1010	411	1696.	*	3	0110	591	110.
1	0415	52	0.	*	1	1915	232	1460.	*	2	1015	412	1671.	*	3	0115	592	108.
1	0420	53	0.	*	1	1920	233	1492.	*	2	1020	413	1647.	*	3	0120	593	107.
1	0425	54	0.	*	1	1925	234	1525.	*	2	1025	414	1622.	*	3	0125	594	105.
1	0430	55	0.	*	1	1930	235	1557.	*	2	1030	415	1598.	*	3	0130	595	104.
1	0435	56	0.	*	1	1935	236	1582.	*	2	1035	416	1573.	*	3	0135	596	101.
1	0440	57	0.	*	1	1940	237	1607.	*	2	1040	417	1548.	*	3	0140	597	97.
1	0445	58	0.	*	1	1945	238	1632.	*	2	1045	418	1523.	*	3	0145	598	94.
1	0450	59	0.	*	1	1950	239	1707.	*	2	1050	419	1500.	*	3	0150	599	92.
1	0455	60	0.	*	1	1955	240	1783.	*	2	1055	420	1477.	*	3	0155	600	91.
1	0500	61	0.	*	1	2000	241	1858.	*	2	1100	421	1455.	*	3	0200	601	89.
1	0505	62	0.	*	1	2005	242	2739.	*	2	1105	422	1433.	*	3	0205	602	87.
1	0510	63	0.	*	1	2010	243	3620.	*	2	1110	423	1410.	*	3	0210	603	85.
1	0515	64	0.	*	1	2015	244	4501.	*	2	1115	424	1388.	*	3	0215	604	82.
1	0520	65	0.	*	1	2020	245	5683.	*	2	1120	425	1365.	*	3	0220	605	81.
1	0525	66	0.	*	1	2025	246	6866.	*	2	1125	426	1341.	*	3	0225	606	79.
1	0530	67	0.	*	1	2030	247	8049.	*	2	1130	427	1318.	*	3	0230	607	77.
1	0535	68	0.	*	1	2035	248	8503.	*	2	1135	428	1298.	*	3	0235	608	75.
1	0540	69	0.	*	1	2040	249	8958.	*	2	1140	429	1279.	*	3	0240	609	72.
1	0545	70	0.	*	1	2045	250	9412.	*	2	1145	430	1260.	*	3	0245	610	70.
1	0550	71	0.	*	1	2050	251	9849.	*	2	1150	431	1241.	*	3	0250	611	69.
1	0555	72	0.	*	1	2055	252	10286.	*	2	1155	432	1223.	*	3	0255	612	68.
1	0600	73	0.	*	1	2100	253	10723.	*	2	1200	433	1204.	*	3	0300	613	67.
1	0605	74	0.	*	1	2105	254	10780.	*	2	1205	434	1182.	*	3	0305	614	66.
1	0610	75	0.	*	1	2110	255	10668.	*	2	1210	435	1160.	*	3	0310	615	65.
1	0615	76	0.	*	1	2115	256	10556.	*	2	1215	436	1137.	*	3	0315	616	63.
1	0620	77	0.	*	1	2120	257	10379.	*	2	1220	437	1116.	*	3	0320	617	62.
1	0625	78	0.	*	1	2125	258	10203.	*	2	1225	438	1096.	*	3	0325	618	60.
1	0630	79	0.	*	1	2130	259	10027.	*	2	1230	439	1075.	*	3	0330	619	58.
1	0635	80	0.	*	1	2135	260	9858.	*	2	1235	440	1058.	*	3	0335	620	58.
1	0640	81	0.	*	1	2140	261	9690.	*	2	1240	441	1041.	*	3	0340	621	58.
1	0645	82	0.	*	1	2145	262	9521.	*	2	1245	442	1024.	*	3	0345	622	58.
1	0650	83	0.	*	1	2150	263	9352.	*	2	1250	443	1008.	*	3	0350	623	57.
1	0655	84	0.	*	1	2155	264	9183.	*	2	1255	444	991.	*	3	0355	624	56.
1	0700	85	0.	*	1	2200	265	9014.	*	2	1300	445	974.	*	3	0400	625	50.
1	0705	86	0.	*	1	2205	266	8855.	*	2	1305	446	958.	*	3	0405	626	49.
1	0710	87	0.	*	1	2210	267	8696.	*	2	1310	447	942.	*	3	0410	627	49.
1	0715	88	0.	*	1	2215	268	8536.	*	2	1315	448	926.	*	3	0415	628	49.
1	0720	89	0.	*	1	2220	269	8393.	*	2	1320	449	912.	*	3	0420	629	49.
1	0725	90	0.	*	1	2225	270	8250.	*	2	1325	450	899.	*	3	0425	630	50.
1	0730	91	0.	*	1	2230	271	8107.	*	2	1330	451	885.	*	3	0430	631	50.
1	0735	92	0.	*	1	2235	272	7990.	*	2	1335	452	871.	*	3	0435	632	48.
1	0740	93	0.	*	1	2240	273	7872.	*	2	1340	453	857.	*	3	0440	633	46.
1	0745	94	0.	*	1	2245	274	7754.	*	2	1345	454	844.	*	3	0445	634	44.
1	0750	95	0.	*	1	2250	275	7655.	*	2	1350	455	831.	*	3	0450	635	43.
1	0755	96	0.	*	1	2255	276	7556.	*	2	1355	456	818.	*	3	0455	636	43.
1	0800	97	0.	*	1	2300	277	7456.	*	2	1400	457	805.	*	3	0500	637	42.
1	0805	98	0.	*	1	2305	278	7372.	*	2	1405	458	794.	*	3	0505	638	42.
1	0810	99	0.	*	1	2310	279	7288.	*	2	1410	459	784.	*	3	0510	639	41.
1	0815	100	0.	*	1	2315	280	7204.	*	2	1415	460	773.	*	3	0515	640	41.
1	0820	101	0.	*	1	2320	281	7132.	*	2	1420	461	761.	*	3	0520	641	41.
1	0825	102	0.	*	1	2325	282	7060.	*	2	1425	462	749.	*	3	0525	642	40.
1	0830	103	0.	*	1	2330	283	6989.	*	2	1430	463	737.	*	3	0530	643	40.
1	0835	104	0.	*	1	2335	284	6926.	*	2	1435	464	726.	*	3	0535	644	39.
1	0840	105	0.	*	1	2340	285	6864.	*	2	1440	465	715.	*	3	0540	645	37.
1	0845	106	0.	*	1	2345	286	6802.	*	2	1445	466	704.	*	3	0545	646	36.
1	0850	107	0.	*	1	2350	287	6747.	*	2	1450	467	695.	*	3	0550	647	36.
1	0855	108	0.	*	1	2355	288	6692.	*	2	1455	468	686.	*	3	0555	648	36.
1	0900	109	0.	*	2	0000	289	6638.	*	2	1500	469	677.	*	3	0600	649	35.
1	0905	110	0.	*	2	0005	290	6583.	*	2	1505	470	669.	*	3	0605	650	35.
1	0910	111	0.	*	2	0010	291	6528.	*	2	1510	471	661.	*	3	0610	651	34.
1	0915	112	0.	*	2	0015	292	6473.	*	2	1515	472	652.	*	3	0615	652	34.
1	0920	113	0.	*	2	0020	293	6424.	*	2	1520	473	643.	*	3	0620	653	33.
1	0925	114	0.	*	2	0025	294	6375.	*	2	1525	474	633.	*	3	0625	654	32.
1	0930	115	0.	*	2	0030	295	6326.	*	2	1530	475	624.	*	3	0630	655	31.
1	0935	116	0.	*	2	0035	296	6285.	*	2	1535	476	616.	*	3	0635	656	30.
1	0940	117	0.	*	2	0040	297	6245.	*	2	1540	477	609.	*	3	0640	657	30.
1	0945	118	0.	*	2	0045	298	6204.	*	2	1545	478	602.	*	3	0645	658	29.
1	0950	119	0.	*	2	0050	299	6167.	*	2	1550	479	591.	*	3	0650	659	28.
1	0955	120	0.	*	2	0055	300	6130.	*	2	1555	480	580.	*	3	0655	660	27.

1	1000	121	0.	*	2	0100	301	6093.	*	2	1600	481	570.	*	3	0700	661	26.
1	1005	122	0.	*	2	0105	302	6056.	*	2	1605	482	564.	*	3	0705	662	26.
1	1010	123	0.	*	2	0110	303	6018.	*	2	1610	483	557.	*	3	0710	663	25.
1	1015	124	0.	*	2	0115	304	5981.	*	2	1615	484	551.	*	3	0715	664	24.
1	1020	125	0.	*	2	0120	305	5949.	*	2	1620	485	546.	*	3	0720	665	24.
1	1025	126	0.	*	2	0125	306	5918.	*	2	1625	486	541.	*	3	0725	666	24.
1	1030	127	0.	*	2	0130	307	5887.	*	2	1630	487	535.	*	3	0730	667	24.
1	1035	128	0.	*	2	0135	308	5860.	*	2	1635	488	527.	*	3	0735	668	23.
1	1040	129	0.	*	2	0140	309	5833.	*	2	1640	489	518.	*	3	0740	669	22.
1	1045	130	0.	*	2	0145	310	5806.	*	2	1645	490	510.	*	3	0745	670	21.
1	1050	131	0.	*	2	0150	311	5779.	*	2	1650	491	503.	*	3	0750	671	22.
1	1055	132	0.	*	2	0155	312	5753.	*	2	1655	492	497.	*	3	0755	672	22.
1	1100	133	0.	*	2	0200	313	5727.	*	2	1700	493	491.	*	3	0800	673	22.
1	1105	134	0.	*	2	0205	314	5702.	*	2	1705	494	483.	*	3	0805	674	22.
1	1110	135	0.	*	2	0210	315	5678.	*	2	1710	495	475.	*	3	0810	675	21.
1	1115	136	0.	*	2	0215	316	5653.	*	2	1715	496	467.	*	3	0815	676	21.
1	1120	137	0.	*	2	0220	317	5633.	*	2	1720	497	459.	*	3	0820	677	20.
1	1125	138	0.	*	2	0225	318	5612.	*	2	1725	498	451.	*	3	0825	678	19.
1	1130	139	0.	*	2	0230	319	5591.	*	2	1730	499	444.	*	3	0830	679	18.
1	1135	140	0.	*	2	0235	320	5571.	*	2	1735	500	436.	*	3	0835	680	18.
1	1140	141	0.	*	2	0240	321	5551.	*	2	1740	501	428.	*	3	0840	681	19.
1	1145	142	0.	*	2	0245	322	5531.	*	2	1745	502	420.	*	3	0845	682	20.
1	1150	143	0.	*	2	0250	323	5509.	*	2	1750	503	415.	*	3	0850	683	18.
1	1155	144	0.	*	2	0255	324	5487.	*	2	1755	504	411.	*	3	0855	684	17.
1	1200	145	0.	*	2	0300	325	5465.	*	2	1800	505	406.	*	3	0900	685	16.
1	1205	146	0.	*	2	0305	326	5445.	*	2	1805	506	399.	*	3	0905	686	15.
1	1210	147	0.	*	2	0310	327	5424.	*	2	1810	507	393.	*	3	0910	687	14.
1	1215	148	0.	*	2	0315	328	5403.	*	2	1815	508	387.	*	3	0915	688	14.
1	1220	149	0.	*	2	0320	329	5383.	*	2	1820	509	381.	*	3	0920	689	14.
1	1225	150	0.	*	2	0325	330	5364.	*	2	1825	510	375.	*	3	0925	690	14.
1	1230	151	0.	*	2	0330	331	5344.	*	2	1830	511	370.	*	3	0930	691	14.
1	1235	152	0.	*	2	0335	332	5317.	*	2	1835	512	364.	*	3	0935	692	14.
1	1240	153	0.	*	2	0340	333	5290.	*	2	1840	513	358.	*	3	0940	693	13.
1	1245	154	0.	*	2	0345	334	5263.	*	2	1845	514	352.	*	3	0945	694	12.
1	1250	155	0.	*	2	0350	335	5231.	*	2	1850	515	348.	*	3	0950	695	11.
1	1255	156	0.	*	2	0355	336	5199.	*	2	1855	516	344.	*	3	0955	696	11.
1	1300	157	0.	*	2	0400	337	5166.	*	2	1900	517	340.	*	3	1000	697	10.
1	1305	158	1.	*	2	0405	338	5126.	*	2	1905	518	335.	*	3	1005	698	10.
1	1310	159	2.	*	2	0410	339	5085.	*	2	1910	519	330.	*	3	1010	699	11.
1	1315	160	3.	*	2	0415	340	5045.	*	2	1915	520	325.	*	3	1015	700	11.
1	1320	161	4.	*	2	0420	341	4995.	*	2	1920	521	321.	*	3	1020	701	10.
1	1325	162	4.	*	2	0425	342	4945.	*	2	1925	522	317.	*	3	1025	702	9.
1	1330	163	5.	*	2	0430	343	4895.	*	2	1930	523	313.	*	3	1030	703	8.
1	1335	164	5.	*	2	0435	344	4843.	*	2	1935	524	310.	*	3	1035	704	8.
1	1340	165	5.	*	2	0440	345	4790.	*	2	1940	525	307.	*	3	1040	705	7.
1	1345	166	6.	*	2	0445	346	4738.	*	2	1945	526	305.	*	3	1045	706	7.
1	1350	167	8.	*	2	0450	347	4674.	*	2	1950	527	302.	*	3	1050	707	6.
1	1355	168	10.	*	2	0455	348	4611.	*	2	1955	528	300.	*	3	1055	708	4.
1	1400	169	13.	*	2	0500	349	4548.	*	2	2000	529	297.	*	3	1100	709	3.
1	1405	170	15.	*	2	0505	350	4480.	*	2	2005	530	293.	*	3	1105	710	3.
1	1410	171	18.	*	2	0510	351	4412.	*	2	2010	531	289.	*	3	1110	711	2.
1	1415	172	21.	*	2	0515	352	4345.	*	2	2015	532	285.	*	3	1115	712	2.
1	1420	173	22.	*	2	0520	353	4274.	*	2	2020	533	281.	*	3	1120	713	2.
1	1425	174	22.	*	2	0525	354	4204.	*	2	2025	534	278.	*	3	1125	714	1.
1	1430	175	22.	*	2	0530	355	4134.	*	2	2030	535	274.	*	3	1130	715	1.
1	1435	176	23.	*	2	0535	356	4063.	*	2	2035	536	271.	*	3	1135	716	1.
1	1440	177	23.	*	2	0540	357	3992.	*	2	2040	537	268.	*	3	1140	717	1.
1	1445	178	24.	*	2	0545	358	3921.	*	2	2045	538	265.	*	3	1145	718	1.
1	1450	179	25.	*	2	0550	359	3852.	*	2	2050	539	262.	*	3	1150	719	1.
1	1455	180	26.	*	2	0555	360	3784.	*	2	2055	540	260.	*	3	1155	720	1.
				*					*					*				

****
*

PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	59.92-HR
+ (CFS)	(HR)					
		(CFS)				
+ 10780.	21.08		7525.	3538.	1465.	1465.
		(INCHES)	.000	.000	.000	.000
		(AC-FT)	3731.	7018.	7255.	7255.

CUMULATIVE AREA = .00 SQ MI

****
*

HYDROGRAPH AT STATION ONSIT
PLAN 1, RATIO = .97

****
*

DA MON	HRMN	ORD	FLOW	*	DA MON	HRMN	ORD	FLOW	*	DA MON	HRMN	ORD	FLOW	*	DA MON	HRMN	ORD	FLOW
1	0000	1	0.	*	1	1500	181	28.	*	2	0600	361	3716.	*	2	2100	541	258.
1	0005	2	0.	*	1	1505	182	29.	*	2	0605	362	3649.	*	2	2105	542	253.
1	0010	3	0.	*	1	1510	183	31.	*	2	0610	363	3581.	*	2	2110	543	248.
1	0015	4	0.	*	1	1515	184	33.	*	2	0615	364	3514.	*	2	2115	544	244.
1	0020	5	0.	*	1	1520	185	36.	*	2	0620	365	3452.	*	2	2120	545	242.
1	0025	6	0.	*	1	1525	186	39.	*	2	0625	366	3390.	*	2	2125	546	241.
1	0030	7	0.	*	1	1530	187	41.	*	2	0630	367	3328.	*	2	2130	547	239.
1	0035	8	0.	*	1	1535	188	46.	*	2	0635	368	3272.	*	2	2135	548	235.
1	0040	9	0.	*	1	1540	189	51.	*	2	0640	369	3215.	*	2	2140	549	230.
1	0045	10	0.	*	1	1545	190	55.	*	2	0645	370	3158.	*	2	2145	550	226.
1	0050	11	0.	*	1	1550	191	62.	*	2	0650	371	3099.	*	2	2150	551	224.
1	0055	12	0.	*	1	1555	192	69.	*	2	0655	372	3039.	*	2	2155	552	222.
1	0100	13	0.	*	1	1600	193	76.	*	2	0700	373	2980.	*	2	2200	553	220.
1	0105	14	0.	*	1	1605	194	104.	*	2	0705	374	2933.	*	2	2205	554	217.
1	0110	15	0.	*	1	1610	195	131.	*	2	0710	375	2886.	*	2	2210	555	214.
1	0115	16	0.	*	1	1615	196	158.	*	2	0715	376	2839.	*	2	2215	556	210.
1	0120	17	0.	*	1	1620	197	183.	*	2	0720	377	2793.	*	2	2220	557	206.
1	0125	18	0.	*	1	1625	198	207.	*	2	0725	378	2748.	*	2	2225	558	201.
1	0130	19	0.	*	1	1630	199	232.	*	2	0730	379	2702.	*	2	2230	559	196.
1	0135	20	0.	*	1	1635	200	264.	*	2	0735	380	2664.	*	2	2235	560	192.
1	0140	21	0.	*	1	1640	201	296.	*	2	0740	381	2626.	*	2	2240	561	188.
1	0145	22	0.	*	1	1645	202	329.	*	2	0745	382	2588.	*	2	2245	562	184.
1	0150	23	0.	*	1	1650	203	368.	*	2	0750	383	2548.	*	2	2250	563	182.

1	0155	24	0.	*	1	1655	204	408.	*	2	0755	384	2508.	*	2	2255	564	180.
1	0200	25	0.	*	1	1700	205	448.	*	2	0800	385	2468.	*	2	2300	565	178.
1	0205	26	0.	*	1	1705	206	525.	*	2	0805	386	2432.	*	2	2305	566	174.
1	0210	27	0.	*	1	1710	207	603.	*	2	0810	387	2395.	*	2	2310	567	171.
1	0215	28	0.	*	1	1715	208	680.	*	2	0815	388	2359.	*	2	2315	568	168.
1	0220	29	0.	*	1	1720	209	717.	*	2	0820	389	2328.	*	2	2320	569	165.
1	0225	30	0.	*	1	1725	210	753.	*	2	0825	390	2298.	*	2	2325	570	162.
1	0230	31	0.	*	1	1730	211	789.	*	2	0830	391	2267.	*	2	2330	571	159.
1	0235	32	0.	*	1	1735	212	822.	*	2	0835	392	2232.	*	2	2335	572	157.
1	0240	33	0.	*	1	1740	213	854.	*	2	0840	393	2197.	*	2	2340	573	155.
1	0245	34	0.	*	1	1745	214	887.	*	2	0845	394	2162.	*	2	2345	574	154.
1	0250	35	0.	*	1	1750	215	919.	*	2	0850	395	2134.	*	2	2350	575	151.
1	0255	36	0.	*	1	1755	216	951.	*	2	0855	396	2107.	*	2	2355	576	148.
1	0300	37	0.	*	1	1800	217	983.	*	2	0900	397	2079.	*	3	0000	577	145.
1	0305	38	0.	*	1	1805	218	1019.	*	2	0905	398	2051.	*	3	0005	578	142.
1	0310	39	0.	*	1	1810	219	1055.	*	2	0910	399	2022.	*	3	0010	579	139.
1	0315	40	0.	*	1	1815	220	1091.	*	2	0915	400	1994.	*	3	0015	580	136.
1	0320	41	0.	*	1	1820	221	1118.	*	2	0920	401	1962.	*	3	0020	581	134.
1	0325	42	0.	*	1	1825	222	1145.	*	2	0925	402	1930.	*	3	0025	582	131.
1	0330	43	0.	*	1	1830	223	1173.	*	2	0930	403	1899.	*	3	0030	583	129.
1	0335	44	0.	*	1	1835	224	1199.	*	2	0935	404	1873.	*	3	0035	584	129.
1	0340	45	0.	*	1	1840	225	1225.	*	2	0940	405	1848.	*	3	0040	585	128.
1	0345	46	0.	*	1	1845	226	1251.	*	2	0945	406	1823.	*	3	0045	586	128.
1	0350	47	0.	*	1	1850	227	1278.	*	2	0950	407	1797.	*	3	0050	587	123.
1	0355	48	0.	*	1	1855	228	1306.	*	2	0955	408	1772.	*	3	0055	588	118.
1	0400	49	0.	*	1	1900	229	1333.	*	2	1000	409	1747.	*	3	0100	589	113.
1	0405	50	0.	*	1	1905	230	1375.	*	2	1005	410	1721.	*	3	0105	590	111.
1	0410	51	0.	*	1	1910	231	1418.	*	2	1010	411	1696.	*	3	0110	591	110.
1	0415	52	0.	*	1	1915	232	1460.	*	2	1015	412	1671.	*	3	0115	592	108.
1	0420	53	0.	*	1	1920	233	1492.	*	2	1020	413	1647.	*	3	0120	593	107.
1	0425	54	0.	*	1	1925	234	1525.	*	2	1025	414	1622.	*	3	0125	594	105.
1	0430	55	0.	*	1	1930	235	1557.	*	2	1030	415	1598.	*	3	0130	595	104.
1	0435	56	0.	*	1	1935	236	1582.	*	2	1035	416	1573.	*	3	0135	596	101.
1	0440	57	0.	*	1	1940	237	1607.	*	2	1040	417	1548.	*	3	0140	597	97.
1	0445	58	0.	*	1	1945	238	1632.	*	2	1045	418	1523.	*	3	0145	598	94.
1	0450	59	0.	*	1	1950	239	1707.	*	2	1050	419	1500.	*	3	0150	599	92.
1	0455	60	0.	*	1	1955	240	1783.	*	2	1055	420	1477.	*	3	0155	600	91.
1	0500	61	0.	*	1	2000	241	1858.	*	2	1100	421	1455.	*	3	0200	601	89.
1	0505	62	0.	*	1	2005	242	2739.	*	2	1105	422	1433.	*	3	0205	602	87.
1	0510	63	0.	*	1	2010	243	3620.	*	2	1110	423	1410.	*	3	0210	603	85.
1	0515	64	0.	*	1	2015	244	4501.	*	2	1115	424	1388.	*	3	0215	604	82.
1	0520	65	0.	*	1	2020	245	5683.	*	2	1120	425	1365.	*	3	0220	605	81.
1	0525	66	0.	*	1	2025	246	6866.	*	2	1125	426	1341.	*	3	0225	606	79.
1	0530	67	0.	*	1	2030	247	8049.	*	2	1130	427	1318.	*	3	0230	607	77.
1	0535	68	0.	*	1	2035	248	8503.	*	2	1135	428	1298.	*	3	0235	608	75.
1	0540	69	0.	*	1	2040	249	8958.	*	2	1140	429	1279.	*	3	0240	609	72.
1	0545	70	0.	*	1	2045	250	9412.	*	2	1145	430	1260.	*	3	0245	610	70.
1	0550	71	0.	*	1	2050	251	9849.	*	2	1150	431	1241.	*	3	0250	611	69.
1	0555	72	0.	*	1	2055	252	10286.	*	2	1155	432	1223.	*	3	0255	612	68.
1	0600	73	0.	*	1	2100	253	10723.	*	2	1200	433	1204.	*	3	0300	613	67.
1	0605	74	0.	*	1	2105	254	10780.	*	2	1205	434	1182.	*	3	0305	614	66.
1	0610	75	0.	*	1	2110	255	10668.	*	2	1210	435	1160.	*	3	0310	615	65.
1	0615	76	0.	*	1	2115	256	10556.	*	2	1215	436	1137.	*	3	0315	616	63.
1	0620	77	0.	*	1	2120	257	10379.	*	2	1220	437	1116.	*	3	0320	617	62.
1	0625	78	0.	*	1	2125	258	10203.	*	2	1225	438	1096.	*	3	0325	618	60.
1	0630	79	0.	*	1	2130	259	10027.	*	2	1230	439	1075.	*	3	0330	619	58.
1	0635	80	0.	*	1	2135	260	9858.	*	2	1235	440	1058.	*	3	0335	620	58.
1	0640	81	0.	*	1	2140	261	9690.	*	2	1240	441	1041.	*	3	0340	621	58.
1	0645	82	0.	*	1	2145	262	9521.	*	2	1245	442	1024.	*	3	0345	622	58.
1	0650	83	0.	*	1	2150	263	9352.	*	2	1250	443	1008.	*	3	0350	623	57.
1	0655	84	0.	*	1	2155	264	9183.	*	2	1255	444	991.	*	3	0355	624	56.
1	0700	85	0.	*	1	2200	265	9014.	*	2	1300	445	974.	*	3	0400	625	50.
1	0705	86	0.	*	1	2205	266	8855.	*	2	1305	446	958.	*	3	0405	626	49.
1	0710	87	0.	*	1	2210	267	8696.	*	2	1310	447	942.	*	3	0410	627	49.
1	0715	88	0.	*	1	2215	268	8536.	*	2	1315	448	926.	*	3	0415	628	49.
1	0720	89	0.	*	1	2220	269	8393.	*	2	1320	449	912.	*	3	0420	629	49.
1	0725	90	0.	*	1	2225	270	8250.	*	2	1325	450	899.	*	3	0425	630	50.
1	0730	91	0.	*	1	2230	271	8107.	*	2	1330	451	885.	*	3	0430	631	50.
1	0735	92	0.	*	1	2235	272	7990.	*	2	1335	452	871.	*	3	0435	632	48.
1	0740	93	0.	*	1	2240	273	7872.	*	2	1340	453	857.	*	3	0440	633	46.
1	0745	94	0.	*	1	2245	274	7754.	*	2	1345	454	844.	*	3	0445	634	44.
1	0750	95	0.	*	1	2250	275	7655.	*	2	1350	455	831.	*	3	0450	635	43.
1	0755	96	0.	*	1	2255	276	7556.	*	2	1355	456	818.	*	3	0455	636	43.
1	0800	97	0.	*	1	2300	277	7456.	*	2	1400	457	805.	*	3	0500	637	42.
1	0805	98	0.	*	1	2305	278	7372.	*	2	1405	458	794.	*	3	0505	638	42.
1	0810	99	0.	*	1	2310	279	7288.	*	2	1410	459	784.	*	3	0510	639	41.
1	0815	100	0.	*	1	2315	280	7204.	*	2	1415	460	773.	*	3	0515	640	41.
1	0820	101	0.	*	1	2320	281	7132.	*	2	1420	461	761.	*	3	0520	641	41.
1	0825	102	0.	*	1	2325	282	7060.	*	2	1425	462	749.	*	3	0525	642	40.
1	0830	103	0.	*	1	2330	283	6989.	*	2	1430	463	737.	*	3	0530	643	40.
1	0835	104	0.	*	1	2335	284	6926.	*	2	1435	464	726.	*	3	0535	644	39.
1	0840	105	0.	*	1	2340	285	6864.	*	2	1440	465	715.	*	3	0540	645	37.
1	0845	106	0.	*	1	2345	286	6802.	*	2	1445	466	704.	*	3	0545	646	36.
1	0850	107	0.	*	1	2350	287	6747.	*	2	1450	467	695.	*	3	0550	647	36.
1	0855	108	0.	*	1	2355	288	6692.	*	2	1455	468	686.	*	3	0555	648	36.
1	0900	109	0.	*	2	0000	289	6638.	*	2	1500	469	677.	*	3	0600	649	35.
1	0905	110	0.	*	2	0005	290	6583.	*	2	1505	470	669.	*	3	0605	650	35.
1	0910	111	0.	*	2	0010	291	6528.	*	2	1510	471	661.	*	3	0610	651	34.
1	0915	112	0.	*	2	0015	292	6473.	*	2	1515	472	652.	*	3	0615	652	34.
1	0920	113	0.	*	2	0020	293	6424.	*	2	1520	473	643.	*	3	0620	653	33.
1	0925	114	0.	*	2	0025	294	6375.	*	2	1525	474	633.	*	3	0625	654	32.
1	0930	115	0.	*	2	0030	295	6326.	*	2	1530	475	624.	*	3	0630	655	31.
1	0935	116	0.	*	2	0035	296	6285.	*	2	1535	476	616.	*	3	0635	656	30.
1	0940	117	0.	*	2	0040	297	6245.	*	2	1540	477	609.	*	3	0640	657	30.
1	0945	118	0.	*	2	0045	298	6204.	*	2	1545	478	602.	*	3	0645	658	29.
1	0950	119	0.	*	2	0050	299	6167.	*	2	1550	479	591.	*	3	0650	659	28.
1	0955	120	0.	*	2	0055	300	6130.	*	2	1555	480	580.	*	3	0655	660	27.
1	1000	121	0.	*	2	0100	301	6093.	*	2	1600	481	570.	*	3	0700	661	26.
1	1005	122	0.	*	2	0105	302	6056.	*	2	1605	482	564.	*	3	0705	662	26.
1	1010	123	0.	*	2	0110	303	6018.	*	2	1610	483	557.	*	3	0710	663	25.
1	1015	124	0.	*	2	0115	304	5981.	*	2	1615	484	551.	*	3	0715	664	24.
1	1020	125	0.	*	2	0120	305	5949.	*	2	1620	485	546.	*	3	0720	665	24.
1	1025	126	0.	*	2	0125	306	5918.	*	2	1625	486	541.	*	3	0725	666	24.
1	1030	127	0.	*	2	0130	307	5887.	*	2	1630	487	535.	*	3	0730	667	24.
1	1035	128	0.	*	2	0135	308	5860.	*	2	1635	488	527.	*	3	0735	668	23.
1	1040	129	0.	*	2	0140	309	5833.	*	2	1640	489	518.	*	3	0740	669	22.
1	1045	130	0.	*	2	0145	310	5806.	*	2	1645	490	510.	*	3	0745	670	21.
1	1050	131	0.	*	2	0150	311	5779.	*	2	1650	491	503.	*	3	0750	671	22.
1	1055	132	0.	*	2	0155	312	5753.	*	2	1655	492	497.	*	3	0755	672	22.
1	1100	133	0.	*	2	0200	313	5727.	*	2	1700	493	491.	*	3	0800	673	22.
1	1105	134	0.	*	2	0205	314	5702.	*	2	1705	494	483.	*	3	0805	674	22.
1	1110	135	0.	*	2	0210	315	5678.	*	2	1710	495	475.	*	3	0810	675	21.

1	1115	136	0.	*	2	0215	316	5653.	*	2	1715	496	467.	*	3	0815	676	21.
1	1120	137	0.	*	2	0220	317	5633.	*	2	1720	497	459.	*	3	0820	677	20.
1	1125	138	0.	*	2	0225	318	5612.	*	2	1725	498	451.	*	3	0825	678	19.
1	1130	139	0.	*	2	0230	319	5591.	*	2	1730	499	444.	*	3	0830	679	18.
1	1135	140	0.	*	2	0235	320	5571.	*	2	1735	500	436.	*	3	0835	680	18.
1	1140	141	0.	*	2	0240	321	5551.	*	2	1740	501	428.	*	3	0840	681	19.
1	1145	142	0.	*	2	0245	322	5531.	*	2	1745	502	420.	*	3	0845	682	20.
1	1150	143	0.	*	2	0250	323	5509.	*	2	1750	503	415.	*	3	0850	683	18.
1	1155	144	0.	*	2	0255	324	5487.	*	2	1755	504	411.	*	3	0855	684	17.
1	1200	145	0.	*	2	0300	325	5465.	*	2	1800	505	406.	*	3	0900	685	16.
1	1205	146	0.	*	2	0305	326	5445.	*	2	1805	506	399.	*	3	0905	686	15.
1	1210	147	0.	*	2	0310	327	5424.	*	2	1810	507	393.	*	3	0910	687	14.
1	1215	148	0.	*	2	0315	328	5403.	*	2	1815	508	387.	*	3	0915	688	14.
1	1220	149	0.	*	2	0320	329	5383.	*	2	1820	509	381.	*	3	0920	689	14.
1	1225	150	0.	*	2	0325	330	5364.	*	2	1825	510	375.	*	3	0925	690	14.
1	1230	151	0.	*	2	0330	331	5344.	*	2	1830	511	370.	*	3	0930	691	14.
1	1235	152	0.	*	2	0335	332	5317.	*	2	1835	512	364.	*	3	0935	692	14.
1	1240	153	0.	*	2	0340	333	5290.	*	2	1840	513	358.	*	3	0940	693	13.
1	1245	154	0.	*	2	0345	334	5263.	*	2	1845	514	352.	*	3	0945	694	12.
1	1250	155	0.	*	2	0350	335	5231.	*	2	1850	515	348.	*	3	0950	695	11.
1	1255	156	0.	*	2	0355	336	5199.	*	2	1855	516	344.	*	3	0955	696	11.
1	1300	157	0.	*	2	0400	337	5166.	*	2	1900	517	340.	*	3	1000	697	10.
1	1305	158	1.	*	2	0405	338	5126.	*	2	1905	518	335.	*	3	1005	698	10.
1	1310	159	2.	*	2	0410	339	5085.	*	2	1910	519	330.	*	3	1010	699	11.
1	1315	160	3.	*	2	0415	340	5045.	*	2	1915	520	325.	*	3	1015	700	11.
1	1320	161	4.	*	2	0420	341	4995.	*	2	1920	521	321.	*	3	1020	701	10.
1	1325	162	4.	*	2	0425	342	4945.	*	2	1925	522	317.	*	3	1025	702	9.
1	1330	163	5.	*	2	0430	343	4895.	*	2	1930	523	313.	*	3	1030	703	8.
1	1335	164	5.	*	2	0435	344	4843.	*	2	1935	524	310.	*	3	1035	704	8.
1	1340	165	5.	*	2	0440	345	4790.	*	2	1940	525	307.	*	3	1040	705	7.
1	1345	166	6.	*	2	0445	346	4738.	*	2	1945	526	305.	*	3	1045	706	7.
1	1350	167	8.	*	2	0450	347	4674.	*	2	1950	527	302.	*	3	1050	707	6.
1	1355	168	10.	*	2	0455	348	4611.	*	2	1955	528	300.	*	3	1055	708	4.
1	1400	169	13.	*	2	0500	349	4548.	*	2	2000	529	297.	*	3	1100	709	3.
1	1405	170	15.	*	2	0505	350	4480.	*	2	2005	530	293.	*	3	1105	710	3.
1	1410	171	18.	*	2	0510	351	4412.	*	2	2010	531	289.	*	3	1110	711	2.
1	1415	172	21.	*	2	0515	352	4345.	*	2	2015	532	285.	*	3	1115	712	2.
1	1420	173	22.	*	2	0520	353	4274.	*	2	2020	533	281.	*	3	1120	713	2.
1	1425	174	22.	*	2	0525	354	4204.	*	2	2025	534	278.	*	3	1125	714	1.
1	1430	175	22.	*	2	0530	355	4134.	*	2	2030	535	274.	*	3	1130	715	1.
1	1435	176	23.	*	2	0535	356	4063.	*	2	2035	536	271.	*	3	1135	716	1.
1	1440	177	23.	*	2	0540	357	3992.	*	2	2040	537	268.	*	3	1140	717	1.
1	1445	178	24.	*	2	0545	358	3921.	*	2	2045	538	265.	*	3	1145	718	1.
1	1450	179	25.	*	2	0550	359	3852.	*	2	2050	539	262.	*	3	1150	719	1.
1	1455	180	26.	*	2	0555	360	3784.	*	2	2055	540	260.	*	3	1155	720	1.

****
*

PEAK FLOW (CFS)	TIME (HR)	MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	59.92-HR
+ 10780.	21.08	(CFS) 7525.	3538.	1465.	1465.
		(INCHES) .000	.000	.000	.000
		(AC-FT) 3731.	7018.	7255.	7255.

CUMULATIVE AREA = .00 SQ MI

****
*

HYDROGRAPH AT STATION ONSIT
PLAN 1, RATIO = .96

****
*

DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1500	181	28.	2		0600	361	3716.	2		2100	541	258.
1		0005	2	0.	1		1505	182	29.	2		0605	362	3649.	2		2105	542	253.
1		0010	3	0.	1		1510	183	31.	2		0610	363	3581.	2		2110	543	248.
1		0015	4	0.	1		1515	184	33.	2		0615	364	3514.	2		2115	544	244.
1		0020	5	0.	1		1520	185	36.	2		0620	365	3452.	2		2120	545	242.
1		0025	6	0.	1		1525	186	39.	2		0625	366	3390.	2		2125	546	241.
1		0030	7	0.	1		1530	187	41.	2		0630	367	3328.	2		2130	547	239.
1		0035	8	0.	1		1535	188	46.	2		0635	368	3272.	2		2135	548	235.
1		0040	9	0.	1		1540	189	51.	2		0640	369	3215.	2		2140	549	230.
1		0045	10	0.	1		1545	190	55.	2		0645	370	3158.	2		2145	550	226.
1		0050	11	0.	1		1550	191	62.	2		0650	371	3099.	2		2150	551	224.
1		0055	12	0.	1		1555	192	69.	2		0655	372	3039.	2		2155	552	222.
1		0100	13	0.	1		1600	193	76.	2		0700	373	2980.	2		2200	553	220.
1		0105	14	0.	1		1605	194	104.	2		0705	374	2933.	2		2205	554	217.
1		0110	15	0.	1		1610	195	131.	2		0710	375	2886.	2		2210	555	214.
1		0115	16	0.	1		1615	196	158.	2		0715	376	2839.	2		2215	556	210.
1		0120	17	0.	1		1620	197	183.	2		0720	377	2793.	2		2220	557	206.
1		0125	18	0.	1		1625	198	207.	2		0725	378	2748.	2		2225	558	201.
1		0130	19	0.	1		1630	199	232.	2		0730	379	2702.	2		2230	559	196.
1		0135	20	0.	1		1635	200	264.	2		0735	380	2664.	2		2235	560	192.
1		0140	21	0.	1		1640	201	296.	2		0740	381	2626.	2		2240	561	188.
1		0145	22	0.	1		1645	202	329.	2		0745	382	2588.	2		2245	562	184.
1		0150	23	0.	1		1650	203	368.	2		0750	383	2548.	2		2250	563	182.
1		0155	24	0.	1		1655	204	408.	2		0755	384	2508.	2		2255	564	180.
1		0200	25	0.	1		1700	205	448.	2		0800	385	2468.	2		2300	565	178.
1		0205	26	0.	1		1705	206	525.	2		0805	386	2432.	2		2305	566	174.
1		0210	27	0.	1		1710	207	603.	2		0810	387	2395.	2		2310	567	171.
1		0215	28	0.	1		1715	208	680.	2		0815	388	2359.	2		2315	568	168.
1		0220	29	0.	1		1720	209	717.	2		0820	389	2328.	2		2320	569	165.
1		0225	30	0.	1		1725	210	753.	2		0825	390	2298.	2		2325	570	162.
1		0230	31	0.	1		1730	211	789.	2		0830	391	2267.	2		2330	571	159.
1		0235	32	0.	1		1735	212	822.	2		0835	392	2232.	2		2335	572	157.
1		0240	33	0.	1		1740	213	854.	2		0840	393	2197.	2		2340	573	155.
1		0245	34	0.	1		1745	214	887.	2		0845	394	2162.	2		2345	574	154.
1		0250	35	0.	1		1750	215	919.	2		0850	395	2134.	2		2350	575	151.
1		0255	36	0.	1		1755	216	951.	2		0855	396	2107.	2		2355	576	148.
1		0300	37	0.	1		1800	217	983.	2		0900	397	2079.	3		0000	577	145.
1		0305	38	0.	1		1805	218	1019.	2		0905	398	2051.	3		0005	578	142.

1	0310	39	0.	*	1	1810	219	1055.	*	2	0910	399	2022.	*	3	0010	579	139.
1	0315	40	0.	*	1	1815	220	1091.	*	2	0915	400	1994.	*	3	0015	580	136.
1	0320	41	0.	*	1	1820	221	1118.	*	2	0920	401	1962.	*	3	0020	581	134.
1	0325	42	0.	*	1	1825	222	1145.	*	2	0925	402	1930.	*	3	0025	582	131.
1	0330	43	0.	*	1	1830	223	1173.	*	2	0930	403	1899.	*	3	0030	583	129.
1	0335	44	0.	*	1	1835	224	1199.	*	2	0935	404	1873.	*	3	0035	584	129.
1	0340	45	0.	*	1	1840	225	1225.	*	2	0940	405	1848.	*	3	0040	585	128.
1	0345	46	0.	*	1	1845	226	1251.	*	2	0945	406	1823.	*	3	0045	586	128.
1	0350	47	0.	*	1	1850	227	1278.	*	2	0950	407	1797.	*	3	0050	587	123.
1	0355	48	0.	*	1	1855	228	1306.	*	2	0955	408	1772.	*	3	0055	588	118.
1	0400	49	0.	*	1	1900	229	1333.	*	2	1000	409	1747.	*	3	0100	589	113.
1	0405	50	0.	*	1	1905	230	1375.	*	2	1005	410	1721.	*	3	0105	590	111.
1	0410	51	0.	*	1	1910	231	1418.	*	2	1010	411	1696.	*	3	0110	591	110.
1	0415	52	0.	*	1	1915	232	1460.	*	2	1015	412	1671.	*	3	0115	592	108.
1	0420	53	0.	*	1	1920	233	1492.	*	2	1020	413	1647.	*	3	0120	593	107.
1	0425	54	0.	*	1	1925	234	1525.	*	2	1025	414	1622.	*	3	0125	594	105.
1	0430	55	0.	*	1	1930	235	1557.	*	2	1030	415	1598.	*	3	0130	595	104.
1	0435	56	0.	*	1	1935	236	1582.	*	2	1035	416	1573.	*	3	0135	596	101.
1	0440	57	0.	*	1	1940	237	1607.	*	2	1040	417	1548.	*	3	0140	597	97.
1	0445	58	0.	*	1	1945	238	1632.	*	2	1045	418	1523.	*	3	0145	598	94.
1	0450	59	0.	*	1	1950	239	1707.	*	2	1050	419	1500.	*	3	0150	599	92.
1	0455	60	0.	*	1	1955	240	1783.	*	2	1055	420	1477.	*	3	0155	600	91.
1	0500	61	0.	*	1	2000	241	1858.	*	2	1100	421	1455.	*	3	0200	601	89.
1	0505	62	0.	*	1	2005	242	2739.	*	2	1105	422	1433.	*	3	0205	602	87.
1	0510	63	0.	*	1	2010	243	3620.	*	2	1110	423	1410.	*	3	0210	603	85.
1	0515	64	0.	*	1	2015	244	4501.	*	2	1115	424	1388.	*	3	0215	604	82.
1	0520	65	0.	*	1	2020	245	5683.	*	2	1120	425	1365.	*	3	0220	605	81.
1	0525	66	0.	*	1	2025	246	6866.	*	2	1125	426	1341.	*	3	0225	606	79.
1	0530	67	0.	*	1	2030	247	8049.	*	2	1130	427	1318.	*	3	0230	607	77.
1	0535	68	0.	*	1	2035	248	8503.	*	2	1135	428	1298.	*	3	0235	608	75.
1	0540	69	0.	*	1	2040	249	8958.	*	2	1140	429	1279.	*	3	0240	609	72.
1	0545	70	0.	*	1	2045	250	9412.	*	2	1145	430	1260.	*	3	0245	610	70.
1	0550	71	0.	*	1	2050	251	9849.	*	2	1150	431	1241.	*	3	0250	611	69.
1	0555	72	0.	*	1	2055	252	10286.	*	2	1155	432	1223.	*	3	0255	612	68.
1	0600	73	0.	*	1	2100	253	10723.	*	2	1200	433	1204.	*	3	0300	613	67.
1	0605	74	0.	*	1	2105	254	10780.	*	2	1205	434	1182.	*	3	0305	614	66.
1	0610	75	0.	*	1	2110	255	10668.	*	2	1210	435	1160.	*	3	0310	615	65.
1	0615	76	0.	*	1	2115	256	10556.	*	2	1215	436	1137.	*	3	0315	616	63.
1	0620	77	0.	*	1	2120	257	10379.	*	2	1220	437	1116.	*	3	0320	617	62.
1	0625	78	0.	*	1	2125	258	10203.	*	2	1225	438	1096.	*	3	0325	618	60.
1	0630	79	0.	*	1	2130	259	10027.	*	2	1230	439	1075.	*	3	0330	619	58.
1	0635	80	0.	*	1	2135	260	9858.	*	2	1235	440	1058.	*	3	0335	620	58.
1	0640	81	0.	*	1	2140	261	9690.	*	2	1240	441	1041.	*	3	0340	621	58.
1	0645	82	0.	*	1	2145	262	9521.	*	2	1245	442	1024.	*	3	0345	622	58.
1	0650	83	0.	*	1	2150	263	9352.	*	2	1250	443	1008.	*	3	0350	623	57.
1	0655	84	0.	*	1	2155	264	9183.	*	2	1255	444	991.	*	3	0355	624	56.
1	0700	85	0.	*	1	2200	265	9014.	*	2	1300	445	974.	*	3	0400	625	50.
1	0705	86	0.	*	1	2205	266	8855.	*	2	1305	446	958.	*	3	0405	626	49.
1	0710	87	0.	*	1	2210	267	8696.	*	2	1310	447	942.	*	3	0410	627	49.
1	0715	88	0.	*	1	2215	268	8536.	*	2	1315	448	926.	*	3	0415	628	49.
1	0720	89	0.	*	1	2220	269	8393.	*	2	1320	449	912.	*	3	0420	629	49.
1	0725	90	0.	*	1	2225	270	8250.	*	2	1325	450	899.	*	3	0425	630	50.
1	0730	91	0.	*	1	2230	271	8107.	*	2	1330	451	885.	*	3	0430	631	50.
1	0735	92	0.	*	1	2235	272	7990.	*	2	1335	452	871.	*	3	0435	632	48.
1	0740	93	0.	*	1	2240	273	7872.	*	2	1340	453	857.	*	3	0440	633	46.
1	0745	94	0.	*	1	2245	274	7754.	*	2	1345	454	844.	*	3	0445	634	44.
1	0750	95	0.	*	1	2250	275	7655.	*	2	1350	455	831.	*	3	0450	635	43.
1	0755	96	0.	*	1	2255	276	7556.	*	2	1355	456	818.	*	3	0455	636	43.
1	0800	97	0.	*	1	2300	277	7456.	*	2	1400	457	805.	*	3	0500	637	42.
1	0805	98	0.	*	1	2305	278	7372.	*	2	1405	458	794.	*	3	0505	638	42.
1	0810	99	0.	*	1	2310	279	7288.	*	2	1410	459	784.	*	3	0510	639	41.
1	0815	100	0.	*	1	2315	280	7204.	*	2	1415	460	773.	*	3	0515	640	41.
1	0820	101	0.	*	1	2320	281	7132.	*	2	1420	461	761.	*	3	0520	641	41.
1	0825	102	0.	*	1	2325	282	7060.	*	2	1425	462	749.	*	3	0525	642	40.
1	0830	103	0.	*	1	2330	283	6989.	*	2	1430	463	737.	*	3	0530	643	40.
1	0835	104	0.	*	1	2335	284	6926.	*	2	1435	464	726.	*	3	0535	644	39.
1	0840	105	0.	*	1	2340	285	6864.	*	2	1440	465	715.	*	3	0540	645	37.
1	0845	106	0.	*	1	2345	286	6802.	*	2	1445	466	704.	*	3	0545	646	36.
1	0850	107	0.	*	1	2350	287	6747.	*	2	1450	467	695.	*	3	0550	647	36.
1	0855	108	0.	*	1	2355	288	6692.	*	2	1455	468	686.	*	3	0555	648	36.
1	0900	109	0.	*	2	0000	289	6638.	*	2	1500	469	677.	*	3	0600	649	35.
1	0905	110	0.	*	2	0005	290	6583.	*	2	1505	470	669.	*	3	0605	650	35.
1	0910	111	0.	*	2	0010	291	6528.	*	2	1510	471	661.	*	3	0610	651	34.
1	0915	112	0.	*	2	0015	292	6473.	*	2	1515	472	652.	*	3	0615	652	34.
1	0920	113	0.	*	2	0020	293	6424.	*	2	1520	473	643.	*	3	0620	653	33.
1	0925	114	0.	*	2	0025	294	6375.	*	2	1525	474	633.	*	3	0625	654	32.
1	0930	115	0.	*	2	0030	295	6326.	*	2	1530	475	624.	*	3	0630	655	31.
1	0935	116	0.	*	2	0035	296	6285.	*	2	1535	476	616.	*	3	0635	656	30.
1	0940	117	0.	*	2	0040	297	6245.	*	2	1540	477	609.	*	3	0640	657	30.
1	0945	118	0.	*	2	0045	298	6204.	*	2	1545	478	602.	*	3	0645	658	29.
1	0950	119	0.	*	2	0050	299	6167.	*	2	1550	479	591.	*	3	0650	659	28.
1	0955	120	0.	*	2	0055	300	6130.	*	2	1555	480	580.	*	3	0655	660	27.
1	1000	121	0.	*	2	0100	301	6093.	*	2	1600	481	570.	*	3	0700	661	26.
1	1005	122	0.	*	2	0105	302	6056.	*	2	1605	482	564.	*	3	0705	662	26.
1	1010	123	0.	*	2	0110	303	6018.	*	2	1610	483	557.	*	3	0710	663	25.
1	1015	124	0.	*	2	0115	304	5981.	*	2	1615	484	551.	*	3	0715	664	24.
1	1020	125	0.	*	2	0120	305	5949.	*	2	1620	485	546.	*	3	0720	665	24.
1	1025	126	0.	*	2	0125	306	5918.	*	2	1625	486	541.	*	3	0725	666	24.
1	1030	127	0.	*	2	0130	307	5887.	*	2	1630	487	535.	*	3	0730	667	24.
1	1035	128	0.	*	2	0135	308	5860.	*	2	1635	488	527.	*	3	0735	668	23.
1	1040	129	0.	*	2	0140	309	5833.	*	2	1640	489	518.	*	3	0740	669	22.
1	1045	130	0.	*	2	0145	310	5806.	*	2	1645	490	510.	*	3	0745	670	21.
1	1050	131	0.	*	2	0150	311	5779.	*	2	1650	491	503.	*	3	0750	671	22.
1	1055	132	0.	*	2	0155	312	5753.	*	2	1655	492	497.	*	3	0755	672	22.
1	1100	133	0.	*	2	0200	313	5727.	*	2	1700	493	491.	*	3	0800	673	22.
1	1105	134	0.	*	2	0205	314	5702.	*	2	1705	494	483.	*	3	0805	674	22.
1	1110	135	0.	*	2	0210	315	5678.	*	2	1710	495	475.	*	3	0810	675	21.
1	1115	136	0.	*	2	0215	316	5653.	*	2	1715	496	467.	*	3	0815	676	21.
1	1120	137	0.	*	2	0220	317	5633.	*	2	1720	497	459.	*	3	0820	677	20.
1	1125	138	0.	*	2	0225	318	5612.	*	2	1725	498	451.	*	3	0825	678	19.
1	1130	139	0.	*	2	0230	319	5591.	*	2	1730	499	444.	*	3	0830	679	18.
1	1135	140	0.	*	2	0235	320	5571.	*	2	1735	500	436.	*	3	0835	680	18.
1	1140	141	0.	*	2	0240	321	5551.	*	2	1740	501	428.	*	3	0840	681	19.
1	1145	142	0.	*	2	0245	322	5531.	*	2	1745	502	420.	*	3	0845	682	20.
1	1150	143	0.	*	2	0250	323	5509.	*	2	1750	503	415.	*	3	0850	683	18.
1	1155	144	0.	*	2	0255	324	5487.	*	2	1755	504	411.	*	3	0855	684	17.
1	1200	145	0.	*	2	0300	325	5465.	*	2	1800	505	406.	*	3	0900	685	16.
1	1205	146	0.	*	2	0305	326	5445.	*	2	1805	506	399.	*	3	0905	686	15.
1	1210	147	0.	*	2	0310	327	5424.	*	2	1810	507	393.	*	3	0910	687	14.
1	1215	148	0.	*	2	0315	328	5403.	*	2	1815	508	387.	*	3	0915	688	14.
1	1220	149	0.	*	2	0320	329	5383.	*	2	1820	509	381.	*	3	0920	689	14.
1	1225	150	0.	*	2	0325	330	5364.	*	2	1825	510	375.	*	3	0925	690	14.

1	1230	151	0.	*	2	0330	331	5344.	*	2	1830	511	370.	*	3	0930	691	14.
1	1235	152	0.	*	2	0335	332	5317.	*	2	1835	512	364.	*	3	0935	692	14.
1	1240	153	0.	*	2	0340	333	5290.	*	2	1840	513	358.	*	3	0940	693	13.
1	1245	154	0.	*	2	0345	334	5263.	*	2	1845	514	352.	*	3	0945	694	12.
1	1250	155	0.	*	2	0350	335	5231.	*	2	1850	515	348.	*	3	0950	695	11.
1	1255	156	0.	*	2	0355	336	5199.	*	2	1855	516	344.	*	3	0955	696	11.
1	1300	157	0.	*	2	0400	337	5166.	*	2	1900	517	340.	*	3	1000	697	10.
1	1305	158	1.	*	2	0405	338	5126.	*	2	1905	518	335.	*	3	1005	698	10.
1	1310	159	2.	*	2	0410	339	5085.	*	2	1910	519	330.	*	3	1010	699	11.
1	1315	160	3.	*	2	0415	340	5045.	*	2	1915	520	325.	*	3	1015	700	11.
1	1320	161	4.	*	2	0420	341	4995.	*	2	1920	521	321.	*	3	1020	701	10.
1	1325	162	4.	*	2	0425	342	4945.	*	2	1925	522	317.	*	3	1025	702	9.
1	1330	163	5.	*	2	0430	343	4895.	*	2	1930	523	313.	*	3	1030	703	8.
1	1335	164	5.	*	2	0435	344	4843.	*	2	1935	524	310.	*	3	1035	704	8.
1	1340	165	5.	*	2	0440	345	4790.	*	2	1940	525	307.	*	3	1040	705	7.
1	1345	166	6.	*	2	0445	346	4738.	*	2	1945	526	305.	*	3	1045	706	7.
1	1350	167	8.	*	2	0450	347	4674.	*	2	1950	527	302.	*	3	1050	707	6.
1	1355	168	10.	*	2	0455	348	4611.	*	2	1955	528	300.	*	3	1055	708	4.
1	1400	169	13.	*	2	0500	349	4548.	*	2	2000	529	297.	*	3	1100	709	3.
1	1405	170	15.	*	2	0505	350	4480.	*	2	2005	530	293.	*	3	1105	710	3.
1	1410	171	18.	*	2	0510	351	4412.	*	2	2010	531	289.	*	3	1110	711	2.
1	1415	172	21.	*	2	0515	352	4345.	*	2	2015	532	285.	*	3	1115	712	2.
1	1420	173	22.	*	2	0520	353	4274.	*	2	2020	533	281.	*	3	1120	713	2.
1	1425	174	22.	*	2	0525	354	4204.	*	2	2025	534	278.	*	3	1125	714	1.
1	1430	175	22.	*	2	0530	355	4134.	*	2	2030	535	274.	*	3	1130	715	1.
1	1435	176	23.	*	2	0535	356	4063.	*	2	2035	536	271.	*	3	1135	716	1.
1	1440	177	23.	*	2	0540	357	3992.	*	2	2040	537	268.	*	3	1140	717	1.
1	1445	178	24.	*	2	0545	358	3921.	*	2	2045	538	265.	*	3	1145	718	1.
1	1450	179	25.	*	2	0550	359	3852.	*	2	2050	539	262.	*	3	1150	719	1.
1	1455	180	26.	*	2	0555	360	3784.	*	2	2055	540	260.	*	3	1155	720	1.
				*					*					*				

****
*

PEAK FLOW (CFS)	TIME (HR)	MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	59.92-HR
+ 10780.	21.08 (CFS)	7525.	3538.	1465.	1465.
	(INCHES)	.000	.000	.000	.000
	(AC-FT)	3731.	7018.	7255.	7255.

CUMULATIVE AREA = .00 SQ MI

****
*

HYDROGRAPH AT STATION ONSIT
PLAN 1, RATIO = .95

****
*

DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1500	181	28.	2		0600	361	3716.	2		2100	541	258.
1		0005	2	0.	1		1505	182	29.	2		0605	362	3649.	2		2105	542	253.
1		0010	3	0.	1		1510	183	31.	2		0610	363	3581.	2		2110	543	248.
1		0015	4	0.	1		1515	184	33.	2		0615	364	3514.	2		2115	544	244.
1		0020	5	0.	1		1520	185	36.	2		0620	365	3452.	2		2120	545	242.
1		0025	6	0.	1		1525	186	39.	2		0625	366	3390.	2		2125	546	241.
1		0030	7	0.	1		1530	187	41.	2		0630	367	3328.	2		2130	547	239.
1		0035	8	0.	1		1535	188	46.	2		0635	368	3272.	2		2135	548	235.
1		0040	9	0.	1		1540	189	51.	2		0640	369	3215.	2		2140	549	230.
1		0045	10	0.	1		1545	190	55.	2		0645	370	3158.	2		2145	550	226.
1		0050	11	0.	1		1550	191	62.	2		0650	371	3099.	2		2150	551	224.
1		0055	12	0.	1		1555	192	69.	2		0655	372	3039.	2		2155	552	222.
1		0100	13	0.	1		1600	193	76.	2		0700	373	2980.	2		2200	553	220.
1		0105	14	0.	1		1605	194	104.	2		0705	374	2933.	2		2205	554	217.
1		0110	15	0.	1		1610	195	131.	2		0710	375	2886.	2		2210	555	214.
1		0115	16	0.	1		1615	196	158.	2		0715	376	2839.	2		2215	556	210.
1		0120	17	0.	1		1620	197	183.	2		0720	377	2793.	2		2220	557	206.
1		0125	18	0.	1		1625	198	207.	2		0725	378	2748.	2		2225	558	201.
1		0130	19	0.	1		1630	199	232.	2		0730	379	2702.	2		2230	559	196.
1		0135	20	0.	1		1635	200	264.	2		0735	380	2664.	2		2235	560	192.
1		0140	21	0.	1		1640	201	296.	2		0740	381	2626.	2		2240	561	188.
1		0145	22	0.	1		1645	202	329.	2		0745	382	2588.	2		2245	562	184.
1		0150	23	0.	1		1650	203	368.	2		0750	383	2548.	2		2250	563	182.
1		0155	24	0.	1		1655	204	408.	2		0755	384	2508.	2		2255	564	180.
1		0200	25	0.	1		1700	205	448.	2		0800	385	2468.	2		2300	565	178.
1		0205	26	0.	1		1705	206	525.	2		0805	386	2432.	2		2305	566	174.
1		0210	27	0.	1		1710	207	603.	2		0810	387	2395.	2		2310	567	171.
1		0215	28	0.	1		1715	208	680.	2		0815	388	2359.	2		2315	568	168.
1		0220	29	0.	1		1720	209	717.	2		0820	389	2328.	2		2320	569	165.
1		0225	30	0.	1		1725	210	753.	2		0825	390	2298.	2		2325	570	162.
1		0230	31	0.	1		1730	211	789.	2		0830	391	2267.	2		2330	571	159.
1		0235	32	0.	1		1735	212	822.	2		0835	392	2232.	2		2335	572	157.
1		0240	33	0.	1		1740	213	854.	2		0840	393	2197.	2		2340	573	155.
1		0245	34	0.	1		1745	214	887.	2		0845	394	2162.	2		2345	574	154.
1		0250	35	0.	1		1750	215	919.	2		0850	395	2134.	2		2350	575	151.
1		0255	36	0.	1		1755	216	951.	2		0855	396	2107.	2		2355	576	148.
1		0300	37	0.	1		1800	217	983.	2		0900	397	2079.	3		0000	577	145.
1		0305	38	0.	1		1805	218	1019.	2		0905	398	2051.	3		0005	578	142.
1		0310	39	0.	1		1810	219	1055.	2		0910	399	2022.	3		0010	579	139.
1		0315	40	0.	1		1815	220	1091.	2		0915	400	1994.	3		0015	580	136.
1		0320	41	0.	1		1820	221	1118.	2		0920	401	1962.	3		0020	581	134.
1		0325	42	0.	1		1825	222	1145.	2		0925	402	1930.	3		0025	582	131.
1		0330	43	0.	1		1830	223	1173.	2		0930	403	1899.	3		0030	583	129.
1		0335	44	0.	1		1835	224	1199.	2		0935	404	1873.	3		0035	584	129.
1		0340	45	0.	1		1840	225	1225.	2		0940	405	1848.	3		0040	585	128.
1		0345	46	0.	1		1845	226	1251.	2		0945	406	1823.	3		0045	586	128.
1		0350	47	0.	1		1850	227	1278.	2		0950	407	1797.	3		0050	587	123.
1		0355	48	0.	1		1855	228	1306.	2		0955	408	1772.	3		0055	588	118.
1		0400	49	0.	1		1900	229	1333.	2		1000	409	1747.	3		0100	589	113.
1		0405	50	0.	1		1905	230	1375.	2		1005	410	1721.	3		0105	590	111.
1		0410	51	0.	1		1910	231	1418.	2		1010	411	1696.	3		0110	591	110.
1		0415	52	0.	1		1915	232	1460.	2		1015	412	1671.	3		0115	592	108.
1		0420	53	0.	1		1920	233	1492.	2		1020	413	1647.	3		0120	593	107.

1	0425	54	0.	*	1	1925	234	1525.	*	2	1025	414	1622.	*	3	0125	594	105.
1	0430	55	0.	*	1	1930	235	1557.	*	2	1030	415	1598.	*	3	0130	595	104.
1	0435	56	0.	*	1	1935	236	1582.	*	2	1035	416	1573.	*	3	0135	596	101.
1	0440	57	0.	*	1	1940	237	1607.	*	2	1040	417	1548.	*	3	0140	597	97.
1	0445	58	0.	*	1	1945	238	1632.	*	2	1045	418	1523.	*	3	0145	598	94.
1	0450	59	0.	*	1	1950	239	1707.	*	2	1050	419	1500.	*	3	0150	599	92.
1	0455	60	0.	*	1	1955	240	1783.	*	2	1055	420	1477.	*	3	0155	600	91.
1	0500	61	0.	*	1	2000	241	1858.	*	2	1100	421	1455.	*	3	0200	601	89.
1	0505	62	0.	*	1	2005	242	2739.	*	2	1105	422	1433.	*	3	0205	602	87.
1	0510	63	0.	*	1	2010	243	3620.	*	2	1110	423	1410.	*	3	0210	603	85.
1	0515	64	0.	*	1	2015	244	4501.	*	2	1115	424	1388.	*	3	0215	604	82.
1	0520	65	0.	*	1	2020	245	5683.	*	2	1120	425	1365.	*	3	0220	605	81.
1	0525	66	0.	*	1	2025	246	6866.	*	2	1125	426	1341.	*	3	0225	606	79.
1	0530	67	0.	*	1	2030	247	8049.	*	2	1130	427	1318.	*	3	0230	607	77.
1	0535	68	0.	*	1	2035	248	8503.	*	2	1135	428	1298.	*	3	0235	608	75.
1	0540	69	0.	*	1	2040	249	8958.	*	2	1140	429	1279.	*	3	0240	609	72.
1	0545	70	0.	*	1	2045	250	9412.	*	2	1145	430	1260.	*	3	0245	610	70.
1	0550	71	0.	*	1	2050	251	9849.	*	2	1150	431	1241.	*	3	0250	611	69.
1	0555	72	0.	*	1	2055	252	10286.	*	2	1155	432	1223.	*	3	0255	612	68.
1	0600	73	0.	*	1	2100	253	10723.	*	2	1200	433	1204.	*	3	0300	613	67.
1	0605	74	0.	*	1	2105	254	10780.	*	2	1205	434	1182.	*	3	0305	614	66.
1	0610	75	0.	*	1	2110	255	10668.	*	2	1210	435	1160.	*	3	0310	615	65.
1	0615	76	0.	*	1	2115	256	10556.	*	2	1215	436	1137.	*	3	0315	616	63.
1	0620	77	0.	*	1	2120	257	10379.	*	2	1220	437	1116.	*	3	0320	617	62.
1	0625	78	0.	*	1	2125	258	10203.	*	2	1225	438	1096.	*	3	0325	618	60.
1	0630	79	0.	*	1	2130	259	10027.	*	2	1230	439	1075.	*	3	0330	619	58.
1	0635	80	0.	*	1	2135	260	9858.	*	2	1235	440	1058.	*	3	0335	620	58.
1	0640	81	0.	*	1	2140	261	9690.	*	2	1240	441	1041.	*	3	0340	621	58.
1	0645	82	0.	*	1	2145	262	9521.	*	2	1245	442	1024.	*	3	0345	622	58.
1	0650	83	0.	*	1	2150	263	9352.	*	2	1250	443	1008.	*	3	0350	623	57.
1	0655	84	0.	*	1	2155	264	9183.	*	2	1255	444	991.	*	3	0355	624	56.
1	0700	85	0.	*	1	2200	265	9014.	*	2	1300	445	974.	*	3	0400	625	50.
1	0705	86	0.	*	1	2205	266	8855.	*	2	1305	446	958.	*	3	0405	626	49.
1	0710	87	0.	*	1	2210	267	8696.	*	2	1310	447	942.	*	3	0410	627	49.
1	0715	88	0.	*	1	2215	268	8536.	*	2	1315	448	926.	*	3	0415	628	49.
1	0720	89	0.	*	1	2220	269	8393.	*	2	1320	449	912.	*	3	0420	629	49.
1	0725	90	0.	*	1	2225	270	8250.	*	2	1325	450	899.	*	3	0425	630	50.
1	0730	91	0.	*	1	2230	271	8107.	*	2	1330	451	885.	*	3	0430	631	50.
1	0735	92	0.	*	1	2235	272	7990.	*	2	1335	452	871.	*	3	0435	632	48.
1	0740	93	0.	*	1	2240	273	7872.	*	2	1340	453	857.	*	3	0440	633	46.
1	0745	94	0.	*	1	2245	274	7754.	*	2	1345	454	844.	*	3	0445	634	44.
1	0750	95	0.	*	1	2250	275	7655.	*	2	1350	455	831.	*	3	0450	635	43.
1	0755	96	0.	*	1	2255	276	7556.	*	2	1355	456	818.	*	3	0455	636	43.
1	0800	97	0.	*	1	2300	277	7456.	*	2	1400	457	805.	*	3	0500	637	42.
1	0805	98	0.	*	1	2305	278	7372.	*	2	1405	458	794.	*	3	0505	638	42.
1	0810	99	0.	*	1	2310	279	7288.	*	2	1410	459	784.	*	3	0510	639	41.
1	0815	100	0.	*	1	2315	280	7204.	*	2	1415	460	773.	*	3	0515	640	41.
1	0820	101	0.	*	1	2320	281	7132.	*	2	1420	461	761.	*	3	0520	641	41.
1	0825	102	0.	*	1	2325	282	7060.	*	2	1425	462	749.	*	3	0525	642	40.
1	0830	103	0.	*	1	2330	283	6989.	*	2	1430	463	737.	*	3	0530	643	40.
1	0835	104	0.	*	1	2335	284	6926.	*	2	1435	464	726.	*	3	0535	644	39.
1	0840	105	0.	*	1	2340	285	6864.	*	2	1440	465	715.	*	3	0540	645	37.
1	0845	106	0.	*	1	2345	286	6802.	*	2	1445	466	704.	*	3	0545	646	36.
1	0850	107	0.	*	1	2350	287	6747.	*	2	1450	467	695.	*	3	0550	647	36.
1	0855	108	0.	*	1	2355	288	6692.	*	2	1455	468	686.	*	3	0555	648	36.
1	0900	109	0.	*	2	0000	289	6638.	*	2	1500	469	677.	*	3	0600	649	35.
1	0905	110	0.	*	2	0005	290	6583.	*	2	1505	470	669.	*	3	0605	650	35.
1	0910	111	0.	*	2	0010	291	6528.	*	2	1510	471	661.	*	3	0610	651	34.
1	0915	112	0.	*	2	0015	292	6473.	*	2	1515	472	652.	*	3	0615	652	34.
1	0920	113	0.	*	2	0020	293	6424.	*	2	1520	473	643.	*	3	0620	653	33.
1	0925	114	0.	*	2	0025	294	6375.	*	2	1525	474	633.	*	3	0625	654	32.
1	0930	115	0.	*	2	0030	295	6326.	*	2	1530	475	624.	*	3	0630	655	31.
1	0935	116	0.	*	2	0035	296	6285.	*	2	1535	476	616.	*	3	0635	656	30.
1	0940	117	0.	*	2	0040	297	6245.	*	2	1540	477	609.	*	3	0640	657	30.
1	0945	118	0.	*	2	0045	298	6204.	*	2	1545	478	602.	*	3	0645	658	29.
1	0950	119	0.	*	2	0050	299	6167.	*	2	1550	479	591.	*	3	0650	659	28.
1	0955	120	0.	*	2	0055	300	6130.	*	2	1555	480	580.	*	3	0655	660	27.
1	1000	121	0.	*	2	0100	301	6093.	*	2	1600	481	570.	*	3	0700	661	26.
1	1005	122	0.	*	2	0105	302	6056.	*	2	1605	482	564.	*	3	0705	662	26.
1	1010	123	0.	*	2	0110	303	6018.	*	2	1610	483	557.	*	3	0710	663	25.
1	1015	124	0.	*	2	0115	304	5981.	*	2	1615	484	551.	*	3	0715	664	24.
1	1020	125	0.	*	2	0120	305	5949.	*	2	1620	485	546.	*	3	0720	665	24.
1	1025	126	0.	*	2	0125	306	5918.	*	2	1625	486	541.	*	3	0725	666	24.
1	1030	127	0.	*	2	0130	307	5887.	*	2	1630	487	535.	*	3	0730	667	24.
1	1035	128	0.	*	2	0135	308	5860.	*	2	1635	488	527.	*	3	0735	668	23.
1	1040	129	0.	*	2	0140	309	5833.	*	2	1640	489	518.	*	3	0740	669	22.
1	1045	130	0.	*	2	0145	310	5806.	*	2	1645	490	510.	*	3	0745	670	21.
1	1050	131	0.	*	2	0150	311	5779.	*	2	1650	491	503.	*	3	0750	671	22.
1	1055	132	0.	*	2	0155	312	5753.	*	2	1655	492	497.	*	3	0755	672	22.
1	1100	133	0.	*	2	0200	313	5727.	*	2	1700	493	491.	*	3	0800	673	22.
1	1105	134	0.	*	2	0205	314	5702.	*	2	1705	494	483.	*	3	0805	674	22.
1	1110	135	0.	*	2	0210	315	5678.	*	2	1710	495	475.	*	3	0810	675	21.
1	1115	136	0.	*	2	0215	316	5653.	*	2	1715	496	467.	*	3	0815	676	21.
1	1120	137	0.	*	2	0220	317	5633.	*	2	1720	497	459.	*	3	0820	677	20.
1	1125	138	0.	*	2	0225	318	5612.	*	2	1725	498	451.	*	3	0825	678	19.
1	1130	139	0.	*	2	0230	319	5591.	*	2	1730	499	444.	*	3	0830	679	18.
1	1135	140	0.	*	2	0235	320	5571.	*	2	1735	500	436.	*	3	0835	680	18.
1	1140	141	0.	*	2	0240	321	5551.	*	2	1740	501	428.	*	3	0840	681	19.
1	1145	142	0.	*	2	0245	322	5531.	*	2	1745	502	420.	*	3	0845	682	20.
1	1150	143	0.	*	2	0250	323	5509.	*	2	1750	503	415.	*	3	0850	683	18.
1	1155	144	0.	*	2	0255	324	5487.	*	2	1755	504	411.	*	3	0855	684	17.
1	1200	145	0.	*	2	0300	325	5465.	*	2	1800	505	406.	*	3	0900	685	16.
1	1205	146	0.	*	2	0305	326	5445.	*	2	1805	506	399.	*	3	0905	686	15.
1	1210	147	0.	*	2	0310	327	5424.	*	2	1810	507	393.	*	3	0910	687	14.
1	1215	148	0.	*	2	0315	328	5403.	*	2	1815	508	387.	*	3	0915	688	14.
1	1220	149	0.	*	2	0320	329	5383.	*	2	1820	509	381.	*	3	0920	689	14.
1	1225	150	0.	*	2	0325	330	5364.	*	2	1825	510	375.	*	3	0925	690	14.
1	1230	151	0.	*	2	0330	331	5344.	*	2	1830	511	370.	*	3	0930	691	14.
1	1235	152	0.	*	2	0335	332	5317.	*	2	1835	512	364.	*	3	0935	692	14.
1	1240	153	0.	*	2	0340	333	5290.	*	2	1840	513	358.	*	3	0940	693	13.
1	1245	154	0.	*	2	0345	334	5263.	*	2	1845	514	352.	*	3	0945	694	12.
1	1250	155	0.	*	2	0350	335	5231.	*	2	1850	515	348.	*	3	0950	695	11.
1	1255	156	0.	*	2	0355	336	5199.	*	2	1855	516	344.	*	3	0955	696	11.
1	1300	157	0.	*	2	0400	337	5166.	*	2	1900	517	340.	*	3	1000	697	10.
1	1305	158	1.	*	2	0405	338	5126.	*	2	1905	518	335.	*	3	1005	698	10.
1	1310	159	2.	*	2	0410	339	5085.	*	2	1910	519	330.	*	3	1010	699	11.
1	1315	160	3.	*	2	0415	340	5045.	*	2	1915	520	325.	*	3	1015	700	11.
1	1320	161	4.	*	2	0420	341	4995.	*	2	1920	521	321.	*	3	1020	701	10.
1	1325	162	4.	*	2	0425	342	4945.	*	2	1925	522	317.	*	3	1025	702	9.
1	1330	163	5.	*	2	0430	343	4895.	*	2	1930	523	313.	*	3	1030	703	8.
1	1335	164	5.	*	2	0435	344	4843.	*	2	1935	524	310.	*	3	1035	704	8.
1	1340	165	5.	*	2	0440	345	4790.	*	2	1940	525	307.	*	3	1040	705	7.

1	1345	166	6.	*	2	0445	346	4738.	*	2	1945	526	305.	*	3	1045	706	7.
1	1350	167	8.	*	2	0450	347	4674.	*	2	1950	527	302.	*	3	1050	707	6.
1	1355	168	10.	*	2	0455	348	4611.	*	2	1955	528	300.	*	3	1055	708	4.
1	1400	169	13.	*	2	0500	349	4548.	*	2	2000	529	297.	*	3	1100	709	3.
1	1405	170	15.	*	2	0505	350	4480.	*	2	2005	530	293.	*	3	1105	710	3.
1	1410	171	18.	*	2	0510	351	4412.	*	2	2010	531	289.	*	3	1110	711	2.
1	1415	172	21.	*	2	0515	352	4345.	*	2	2015	532	285.	*	3	1115	712	2.
1	1420	173	22.	*	2	0520	353	4274.	*	2	2020	533	281.	*	3	1120	713	2.
1	1425	174	22.	*	2	0525	354	4204.	*	2	2025	534	278.	*	3	1125	714	1.
1	1430	175	22.	*	2	0530	355	4134.	*	2	2030	535	274.	*	3	1130	715	1.
1	1435	176	23.	*	2	0535	356	4063.	*	2	2035	536	271.	*	3	1135	716	1.
1	1440	177	23.	*	2	0540	357	3992.	*	2	2040	537	268.	*	3	1140	717	1.
1	1445	178	24.	*	2	0545	358	3921.	*	2	2045	538	265.	*	3	1145	718	1.
1	1450	179	25.	*	2	0550	359	3852.	*	2	2050	539	262.	*	3	1150	719	1.
1	1455	180	26.	*	2	0555	360	3784.	*	2	2055	540	260.	*	3	1155	720	1.
				*					*					*				

****
*

PEAK FLOW (CFS)	TIME (HR)	MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	59.92-HR
+ 10780.	21.08	(CFS) 7525.	3538.	1465.	1465.
		(INCHES) .000	.000	.000	.000
		(AC-FT) 3731.	7018.	7255.	7255.

CUMULATIVE AREA = .00 SQ MI

****
*

HYDROGRAPH AT STATION ONSIT
PLAN 1, RATIO = .94

****
*

DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	*	1		1500	181	28.	*	2		0600	361	3716.	*	2		2100	541	258.
1		0005	2	0.	*	1		1505	182	29.	*	2		0605	362	3649.	*	2		2105	542	253.
1		0010	3	0.	*	1		1510	183	31.	*	2		0610	363	3581.	*	2		2110	543	248.
1		0015	4	0.	*	1		1515	184	33.	*	2		0615	364	3514.	*	2		2115	544	244.
1		0020	5	0.	*	1		1520	185	36.	*	2		0620	365	3452.	*	2		2120	545	242.
1		0025	6	0.	*	1		1525	186	39.	*	2		0625	366	3390.	*	2		2125	546	241.
1		0030	7	0.	*	1		1530	187	41.	*	2		0630	367	3328.	*	2		2130	547	239.
1		0035	8	0.	*	1		1535	188	46.	*	2		0635	368	3272.	*	2		2135	548	235.
1		0040	9	0.	*	1		1540	189	51.	*	2		0640	369	3215.	*	2		2140	549	230.
1		0045	10	0.	*	1		1545	190	55.	*	2		0645	370	3158.	*	2		2145	550	226.
1		0050	11	0.	*	1		1550	191	62.	*	2		0650	371	3099.	*	2		2150	551	224.
1		0055	12	0.	*	1		1555	192	69.	*	2		0655	372	3039.	*	2		2155	552	222.
1		0100	13	0.	*	1		1600	193	76.	*	2		0700	373	2980.	*	2		2200	553	220.
1		0105	14	0.	*	1		1605	194	104.	*	2		0705	374	2933.	*	2		2205	554	217.
1		0110	15	0.	*	1		1610	195	131.	*	2		0710	375	2886.	*	2		2210	555	214.
1		0115	16	0.	*	1		1615	196	158.	*	2		0715	376	2839.	*	2		2215	556	210.
1		0120	17	0.	*	1		1620	197	183.	*	2		0720	377	2793.	*	2		2220	557	206.
1		0125	18	0.	*	1		1625	198	207.	*	2		0725	378	2748.	*	2		2225	558	201.
1		0130	19	0.	*	1		1630	199	232.	*	2		0730	379	2702.	*	2		2230	559	196.
1		0135	20	0.	*	1		1635	200	264.	*	2		0735	380	2664.	*	2		2235	560	192.
1		0140	21	0.	*	1		1640	201	296.	*	2		0740	381	2626.	*	2		2240	561	188.
1		0145	22	0.	*	1		1645	202	329.	*	2		0745	382	2588.	*	2		2245	562	184.
1		0150	23	0.	*	1		1650	203	368.	*	2		0750	383	2548.	*	2		2250	563	182.
1		0155	24	0.	*	1		1655	204	408.	*	2		0755	384	2508.	*	2		2255	564	180.
1		0200	25	0.	*	1		1700	205	448.	*	2		0800	385	2468.	*	2		2300	565	178.
1		0205	26	0.	*	1		1705	206	525.	*	2		0805	386	2432.	*	2		2305	566	174.
1		0210	27	0.	*	1		1710	207	603.	*	2		0810	387	2395.	*	2		2310	567	171.
1		0215	28	0.	*	1		1715	208	680.	*	2		0815	388	2359.	*	2		2315	568	168.
1		0220	29	0.	*	1		1720	209	717.	*	2		0820	389	2328.	*	2		2320	569	165.
1		0225	30	0.	*	1		1725	210	753.	*	2		0825	390	2298.	*	2		2325	570	162.
1		0230	31	0.	*	1		1730	211	789.	*	2		0830	391	2267.	*	2		2330	571	159.
1		0235	32	0.	*	1		1735	212	822.	*	2		0835	392	2232.	*	2		2335	572	157.
1		0240	33	0.	*	1		1740	213	854.	*	2		0840	393	2197.	*	2		2340	573	155.
1		0245	34	0.	*	1		1745	214	887.	*	2		0845	394	2162.	*	2		2345	574	154.
1		0250	35	0.	*	1		1750	215	919.	*	2		0850	395	2134.	*	2		2350	575	151.
1		0255	36	0.	*	1		1755	216	951.	*	2		0855	396	2107.	*	2		2355	576	148.
1		0300	37	0.	*	1		1800	217	983.	*	2		0900	397	2079.	*	3		0000	577	145.
1		0305	38	0.	*	1		1805	218	1019.	*	2		0905	398	2051.	*	3		0005	578	142.
1		0310	39	0.	*	1		1810	219	1055.	*	2		0910	399	2022.	*	3		0010	579	139.
1		0315	40	0.	*	1		1815	220	1091.	*	2		0915	400	1994.	*	3		0015	580	136.
1		0320	41	0.	*	1		1820	221	1118.	*	2		0920	401	1962.	*	3		0020	581	134.
1		0325	42	0.	*	1		1825	222	1145.	*	2		0925	402	1930.	*	3		0025	582	131.
1		0330	43	0.	*	1		1830	223	1173.	*	2		0930	403	1899.	*	3		0030	583	129.
1		0335	44	0.	*	1		1835	224	1199.	*	2		0935	404	1873.	*	3		0035	584	129.
1		0340	45	0.	*	1		1840	225	1225.	*	2		0940	405	1848.	*	3		0040	585	128.
1		0345	46	0.	*	1		1845	226	1251.	*	2		0945	406	1823.	*	3		0045	586	128.
1		0350	47	0.	*	1		1850	227	1278.	*	2		0950	407	1797.	*	3		0050	587	123.
1		0355	48	0.	*	1		1855	228	1306.	*	2		0955	408	1772.	*	3		0055	588	118.
1		0400	49	0.	*	1		1900	229	1333.	*	2		1000	409	1747.	*	3		0100	589	113.
1		0405	50	0.	*	1		1905	230	1375.	*	2		1005	410	1721.	*	3		0105	590	111.
1		0410	51	0.	*	1		1910	231	1418.	*	2		1010	411	1696.	*	3		0110	591	110.
1		0415	52	0.	*	1		1915	232	1460.	*	2		1015	412	1671.	*	3		0115	592	108.
1		0420	53	0.	*	1		1920	233	1492.	*	2		1020	413	1647.	*	3		0120	593	107.
1		0425	54	0.	*	1		1925	234	1525.	*	2		1025	414	1622.	*	3		0125	594	105.
1		0430	55	0.	*	1		1930	235	1557.	*	2		1030	415	1598.	*	3		0130	595	104.
1		0435	56	0.	*	1		1935	236	1582.	*	2		1035	416	1573.	*	3		0135	596	101.
1		0440	57	0.	*	1		1940	237	1607.	*	2		1040	417	1548.	*	3		0140	597	97.
1		0445	58	0.	*	1		1945	238	1632.	*	2		1045	418	1523.	*	3		0145	598	94.
1		0450	59	0.	*	1		1950	239	1707.	*	2		1050	419	1500.	*	3		0150	599	92.
1		0455	60	0.	*	1		1955	240	1783.	*	2		1055	420	1477.	*	3		0155	600	91.
1		0500	61	0.	*	1		2000	241	1858.	*	2		1100	421	1455.	*	3		0200	601	89.
1		0505	62	0.	*	1		2005	242	2739.	*	2		1105	422	1433.	*	3		0205	602	87.
1		0510	63	0.	*	1		2010	243	3620.	*	2		1110	423	1410.	*	3		0210	603	85.
1		0515	64	0.	*	1		2015	244	4501.	*	2		1115	424	1388.	*	3		0215	604	82.
1		0520	65	0.	*	1		2020	245	5683.	*	2		1120	425	1365.	*	3		0220	605	81.
1		0525	66	0.	*	1		2025	246	6866.	*	2		1125	426	1341.	*	3		0225	606	79.
1		0530	67	0.	*	1		2030	247	8049.	*	2		1130	427	1318.	*	3		0230	607	77.
1		0535	68	0.	*	1		2035	248	8503.	*	2		1135	428	1298.	*	3		0235	608	75.

1	0540	69	0.	*	1	2040	249	8958.	*	2	1140	429	1279.	*	3	0240	609	72.
1	0545	70	0.	*	1	2045	250	9412.	*	2	1145	430	1260.	*	3	0245	610	70.
1	0550	71	0.	*	1	2050	251	9849.	*	2	1150	431	1241.	*	3	0250	611	69.
1	0555	72	0.	*	1	2055	252	10286.	*	2	1155	432	1223.	*	3	0255	612	68.
1	0600	73	0.	*	1	2100	253	10723.	*	2	1200	433	1204.	*	3	0300	613	67.
1	0605	74	0.	*	1	2105	254	10780.	*	2	1205	434	1182.	*	3	0305	614	66.
1	0610	75	0.	*	1	2110	255	10668.	*	2	1210	435	1160.	*	3	0310	615	65.
1	0615	76	0.	*	1	2115	256	10556.	*	2	1215	436	1137.	*	3	0315	616	63.
1	0620	77	0.	*	1	2120	257	10379.	*	2	1220	437	1116.	*	3	0320	617	62.
1	0625	78	0.	*	1	2125	258	10203.	*	2	1225	438	1096.	*	3	0325	618	60.
1	0630	79	0.	*	1	2130	259	10027.	*	2	1230	439	1075.	*	3	0330	619	58.
1	0635	80	0.	*	1	2135	260	9858.	*	2	1235	440	1058.	*	3	0335	620	58.
1	0640	81	0.	*	1	2140	261	9690.	*	2	1240	441	1041.	*	3	0340	621	58.
1	0645	82	0.	*	1	2145	262	9521.	*	2	1245	442	1024.	*	3	0345	622	58.
1	0650	83	0.	*	1	2150	263	9352.	*	2	1250	443	1008.	*	3	0350	623	57.
1	0655	84	0.	*	1	2155	264	9183.	*	2	1255	444	991.	*	3	0355	624	56.
1	0700	85	0.	*	1	2200	265	9014.	*	2	1300	445	974.	*	3	0400	625	50.
1	0705	86	0.	*	1	2205	266	8855.	*	2	1305	446	958.	*	3	0405	626	49.
1	0710	87	0.	*	1	2210	267	8696.	*	2	1310	447	942.	*	3	0410	627	49.
1	0715	88	0.	*	1	2215	268	8536.	*	2	1315	448	926.	*	3	0415	628	49.
1	0720	89	0.	*	1	2220	269	8393.	*	2	1320	449	912.	*	3	0420	629	49.
1	0725	90	0.	*	1	2225	270	8250.	*	2	1325	450	899.	*	3	0425	630	50.
1	0730	91	0.	*	1	2230	271	8107.	*	2	1330	451	885.	*	3	0430	631	50.
1	0735	92	0.	*	1	2235	272	7990.	*	2	1335	452	871.	*	3	0435	632	48.
1	0740	93	0.	*	1	2240	273	7872.	*	2	1340	453	857.	*	3	0440	633	46.
1	0745	94	0.	*	1	2245	274	7754.	*	2	1345	454	844.	*	3	0445	634	44.
1	0750	95	0.	*	1	2250	275	7655.	*	2	1350	455	831.	*	3	0450	635	43.
1	0755	96	0.	*	1	2255	276	7556.	*	2	1355	456	818.	*	3	0455	636	43.
1	0800	97	0.	*	1	2300	277	7456.	*	2	1400	457	805.	*	3	0500	637	42.
1	0805	98	0.	*	1	2305	278	7372.	*	2	1405	458	794.	*	3	0505	638	42.
1	0810	99	0.	*	1	2310	279	7288.	*	2	1410	459	784.	*	3	0510	639	41.
1	0815	100	0.	*	1	2315	280	7204.	*	2	1415	460	773.	*	3	0515	640	41.
1	0820	101	0.	*	1	2320	281	7132.	*	2	1420	461	761.	*	3	0520	641	41.
1	0825	102	0.	*	1	2325	282	7060.	*	2	1425	462	749.	*	3	0525	642	40.
1	0830	103	0.	*	1	2330	283	6989.	*	2	1430	463	737.	*	3	0530	643	40.
1	0835	104	0.	*	1	2335	284	6926.	*	2	1435	464	726.	*	3	0535	644	39.
1	0840	105	0.	*	1	2340	285	6864.	*	2	1440	465	715.	*	3	0540	645	37.
1	0845	106	0.	*	1	2345	286	6802.	*	2	1445	466	704.	*	3	0545	646	36.
1	0850	107	0.	*	1	2350	287	6747.	*	2	1450	467	695.	*	3	0550	647	36.
1	0855	108	0.	*	1	2355	288	6692.	*	2	1455	468	686.	*	3	0555	648	36.
1	0900	109	0.	*	2	0000	289	6638.	*	2	1500	469	677.	*	3	0600	649	35.
1	0905	110	0.	*	2	0005	290	6583.	*	2	1505	470	669.	*	3	0605	650	35.
1	0910	111	0.	*	2	0010	291	6528.	*	2	1510	471	661.	*	3	0610	651	34.
1	0915	112	0.	*	2	0015	292	6473.	*	2	1515	472	652.	*	3	0615	652	34.
1	0920	113	0.	*	2	0020	293	6424.	*	2	1520	473	643.	*	3	0620	653	33.
1	0925	114	0.	*	2	0025	294	6375.	*	2	1525	474	633.	*	3	0625	654	32.
1	0930	115	0.	*	2	0030	295	6326.	*	2	1530	475	624.	*	3	0630	655	31.
1	0935	116	0.	*	2	0035	296	6285.	*	2	1535	476	616.	*	3	0635	656	30.
1	0940	117	0.	*	2	0040	297	6245.	*	2	1540	477	609.	*	3	0640	657	30.
1	0945	118	0.	*	2	0045	298	6204.	*	2	1545	478	602.	*	3	0645	658	29.
1	0950	119	0.	*	2	0050	299	6167.	*	2	1550	479	591.	*	3	0650	659	28.
1	0955	120	0.	*	2	0055	300	6130.	*	2	1555	480	580.	*	3	0655	660	27.
1	1000	121	0.	*	2	0100	301	6093.	*	2	1600	481	570.	*	3	0700	661	26.
1	1005	122	0.	*	2	0105	302	6056.	*	2	1605	482	564.	*	3	0705	662	26.
1	1010	123	0.	*	2	0110	303	6018.	*	2	1610	483	557.	*	3	0710	663	25.
1	1015	124	0.	*	2	0115	304	5981.	*	2	1615	484	551.	*	3	0715	664	24.
1	1020	125	0.	*	2	0120	305	5949.	*	2	1620	485	546.	*	3	0720	665	24.
1	1025	126	0.	*	2	0125	306	5918.	*	2	1625	486	541.	*	3	0725	666	24.
1	1030	127	0.	*	2	0130	307	5887.	*	2	1630	487	535.	*	3	0730	667	24.
1	1035	128	0.	*	2	0135	308	5860.	*	2	1635	488	527.	*	3	0735	668	23.
1	1040	129	0.	*	2	0140	309	5833.	*	2	1640	489	518.	*	3	0740	669	22.
1	1045	130	0.	*	2	0145	310	5806.	*	2	1645	490	510.	*	3	0745	670	21.
1	1050	131	0.	*	2	0150	311	5779.	*	2	1650	491	503.	*	3	0750	671	22.
1	1055	132	0.	*	2	0155	312	5753.	*	2	1655	492	497.	*	3	0755	672	22.
1	1100	133	0.	*	2	0200	313	5727.	*	2	1700	493	491.	*	3	0800	673	22.
1	1105	134	0.	*	2	0205	314	5702.	*	2	1705	494	483.	*	3	0805	674	22.
1	1110	135	0.	*	2	0210	315	5678.	*	2	1710	495	475.	*	3	0810	675	21.
1	1115	136	0.	*	2	0215	316	5653.	*	2	1715	496	467.	*	3	0815	676	21.
1	1120	137	0.	*	2	0220	317	5633.	*	2	1720	497	459.	*	3	0820	677	20.
1	1125	138	0.	*	2	0225	318	5612.	*	2	1725	498	451.	*	3	0825	678	19.
1	1130	139	0.	*	2	0230	319	5591.	*	2	1730	499	444.	*	3	0830	679	18.
1	1135	140	0.	*	2	0235	320	5571.	*	2	1735	500	436.	*	3	0835	680	18.
1	1140	141	0.	*	2	0240	321	5551.	*	2	1740	501	428.	*	3	0840	681	19.
1	1145	142	0.	*	2	0245	322	5531.	*	2	1745	502	420.	*	3	0845	682	20.
1	1150	143	0.	*	2	0250	323	5509.	*	2	1750	503	415.	*	3	0850	683	18.
1	1155	144	0.	*	2	0255	324	5487.	*	2	1755	504	411.	*	3	0855	684	17.
1	1200	145	0.	*	2	0300	325	5465.	*	2	1800	505	406.	*	3	0900	685	16.
1	1205	146	0.	*	2	0305	326	5445.	*	2	1805	506	399.	*	3	0905	686	15.
1	1210	147	0.	*	2	0310	327	5424.	*	2	1810	507	393.	*	3	0910	687	14.
1	1215	148	0.	*	2	0315	328	5403.	*	2	1815	508	387.	*	3	0915	688	14.
1	1220	149	0.	*	2	0320	329	5383.	*	2	1820	509	381.	*	3	0920	689	14.
1	1225	150	0.	*	2	0325	330	5364.	*	2	1825	510	375.	*	3	0925	690	14.
1	1230	151	0.	*	2	0330	331	5344.	*	2	1830	511	370.	*	3	0930	691	14.
1	1235	152	0.	*	2	0335	332	5317.	*	2	1835	512	364.	*	3	0935	692	14.
1	1240	153	0.	*	2	0340	333	5290.	*	2	1840	513	358.	*	3	0940	693	13.
1	1245	154	0.	*	2	0345	334	5263.	*	2	1845	514	352.	*	3	0945	694	12.
1	1250	155	0.	*	2	0350	335	5231.	*	2	1850	515	348.	*	3	0950	695	11.
1	1255	156	0.	*	2	0355	336	5199.	*	2	1855	516	344.	*	3	0955	696	11.
1	1300	157	0.	*	2	0400	337	5166.	*	2	1900	517	340.	*	3	1000	697	10.
1	1305	158	1.	*	2	0405	338	5126.	*	2	1905	518	335.	*	3	1005	698	10.
1	1310	159	2.	*	2	0410	339	5085.	*	2	1910	519	330.	*	3	1010	699	11.
1	1315	160	3.	*	2	0415	340	5045.	*	2	1915	520	325.	*	3	1015	700	11.
1	1320	161	4.	*	2	0420	341	4995.	*	2	1920	521	321.	*	3	1020	701	10.
1	1325	162	4.	*	2	0425	342	4945.	*	2	1925	522	317.	*	3	1025	702	9.
1	1330	163	5.	*	2	0430	343	4895.	*	2	1930	523	313.	*	3	1030	703	8.
1	1335	164	5.	*	2	0435	344	4843.	*	2	1935	524	310.	*	3	1035	704	8.
1	1340	165	5.	*	2	0440	345	4790.	*	2	1940	525	307.	*	3	1040	705	7.
1	1345	166	6.	*	2	0445	346	4738.	*	2	1945	526	305.	*	3	1045	706	7.
1	1350	167	8.	*	2	0450	347	4674.	*	2	1950	527	302.	*	3	1050	707	6.
1	1355	168	10.	*	2	0455	348	4611.	*	2	1955	528	300.	*	3	1055	708	4.
1	1400	169	13.	*	2	0500	349	4548.	*	2	2000	529	297.	*	3	1100	709	3.
1	1405	170	15.	*	2	0505	350	4480.	*	2	2005	530	293.	*	3	1105	710	3.
1	1410	171	18.	*	2	0510	351	4412.	*	2	2010	531	289.	*	3	1110	711	2.
1	1415	172	21.	*	2	0515	352	4345.	*	2	2015	532	285.	*	3	1115	712	2.
1	1420	173	22.	*	2	0520	353	4274.	*	2	2020	533	281.	*	3	1120	713	2.
1	1425	174	22.	*	2	0525	354	4204.	*	2	2025	534	278.	*	3	1125	714	1.
1	1430	175	22.	*	2	0530	355	4134.	*	2	2030	535	274.	*	3	1130	715	1.
1	1435	176	23.	*	2	0535	356	4063.	*	2	2035	536	271.	*	3	1135	716	1.
1	1440	177	23.	*	2	0540	357	3992.	*	2	2040	537	268.	*	3	1140	717	1.
1	1445	178	24.	*	2	0545	358	3921.	*	2	2045	538	265.	*	3	1145	718	1.
1	1450	179	25.	*	2	0550	359	3852.	*	2	2050	539	262.	*	3	1150	719	1.
1	1455	180	26.	*	2	0555	360	3784.	*	2	2055	540	260.	*	3	1155	720	1.

* * *

****
*

PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	59.92-HR
+ (CFS)	(HR)					
		(CFS)				
+ 10780.	21.08		7525.	3538.	1465.	1465.
		(INCHES)	.000	.000	.000	.000
		(AC-FT)	3731.	7018.	7255.	7255.

CUMULATIVE AREA = .00 SQ MI

****
*

HYDROGRAPH AT STATION ONSIT
PLAN 1, RATIO = .93

****
*

DA MON	HRMN	ORD	FLOW	*	DA MON	HRMN	ORD	FLOW	*	DA MON	HRMN	ORD	FLOW	*	DA MON	HRMN	ORD	FLOW
1	0000	1	0.	*	1	1500	181	28.	*	2	0600	361	3716.	*	2	2100	541	258.
1	0005	2	0.	*	1	1505	182	29.	*	2	0605	362	3649.	*	2	2105	542	253.
1	0010	3	0.	*	1	1510	183	31.	*	2	0610	363	3581.	*	2	2110	543	248.
1	0015	4	0.	*	1	1515	184	33.	*	2	0615	364	3514.	*	2	2115	544	244.
1	0020	5	0.	*	1	1520	185	36.	*	2	0620	365	3452.	*	2	2120	545	242.
1	0025	6	0.	*	1	1525	186	39.	*	2	0625	366	3390.	*	2	2125	546	241.
1	0030	7	0.	*	1	1530	187	41.	*	2	0630	367	3328.	*	2	2130	547	239.
1	0035	8	0.	*	1	1535	188	46.	*	2	0635	368	3272.	*	2	2135	548	235.
1	0040	9	0.	*	1	1540	189	51.	*	2	0640	369	3215.	*	2	2140	549	230.
1	0045	10	0.	*	1	1545	190	55.	*	2	0645	370	3158.	*	2	2145	550	226.
1	0050	11	0.	*	1	1550	191	62.	*	2	0650	371	3099.	*	2	2150	551	224.
1	0055	12	0.	*	1	1555	192	69.	*	2	0655	372	3039.	*	2	2155	552	222.
1	0100	13	0.	*	1	1600	193	76.	*	2	0700	373	2980.	*	2	2200	553	220.
1	0105	14	0.	*	1	1605	194	104.	*	2	0705	374	2933.	*	2	2205	554	217.
1	0110	15	0.	*	1	1610	195	131.	*	2	0710	375	2886.	*	2	2210	555	214.
1	0115	16	0.	*	1	1615	196	158.	*	2	0715	376	2839.	*	2	2215	556	210.
1	0120	17	0.	*	1	1620	197	183.	*	2	0720	377	2793.	*	2	2220	557	206.
1	0125	18	0.	*	1	1625	198	207.	*	2	0725	378	2748.	*	2	2225	558	201.
1	0130	19	0.	*	1	1630	199	232.	*	2	0730	379	2702.	*	2	2230	559	196.
1	0135	20	0.	*	1	1635	200	264.	*	2	0735	380	2664.	*	2	2235	560	192.
1	0140	21	0.	*	1	1640	201	296.	*	2	0740	381	2626.	*	2	2240	561	188.
1	0145	22	0.	*	1	1645	202	329.	*	2	0745	382	2588.	*	2	2245	562	184.
1	0150	23	0.	*	1	1650	203	368.	*	2	0750	383	2548.	*	2	2250	563	182.
1	0155	24	0.	*	1	1655	204	408.	*	2	0755	384	2508.	*	2	2255	564	180.
1	0200	25	0.	*	1	1700	205	448.	*	2	0800	385	2468.	*	2	2300	565	178.
1	0205	26	0.	*	1	1705	206	525.	*	2	0805	386	2432.	*	2	2305	566	174.
1	0210	27	0.	*	1	1710	207	603.	*	2	0810	387	2395.	*	2	2310	567	171.
1	0215	28	0.	*	1	1715	208	680.	*	2	0815	388	2359.	*	2	2315	568	168.
1	0220	29	0.	*	1	1720	209	717.	*	2	0820	389	2328.	*	2	2320	569	165.
1	0225	30	0.	*	1	1725	210	753.	*	2	0825	390	2298.	*	2	2325	570	162.
1	0230	31	0.	*	1	1730	211	789.	*	2	0830	391	2267.	*	2	2330	571	159.
1	0235	32	0.	*	1	1735	212	822.	*	2	0835	392	2232.	*	2	2335	572	157.
1	0240	33	0.	*	1	1740	213	854.	*	2	0840	393	2197.	*	2	2340	573	155.
1	0245	34	0.	*	1	1745	214	887.	*	2	0845	394	2162.	*	2	2345	574	154.
1	0250	35	0.	*	1	1750	215	919.	*	2	0850	395	2134.	*	2	2350	575	151.
1	0255	36	0.	*	1	1755	216	951.	*	2	0855	396	2107.	*	2	2355	576	148.
1	0300	37	0.	*	1	1800	217	983.	*	2	0900	397	2079.	*	3	0000	577	145.
1	0305	38	0.	*	1	1805	218	1019.	*	2	0905	398	2051.	*	3	0005	578	142.
1	0310	39	0.	*	1	1810	219	1055.	*	2	0910	399	2022.	*	3	0010	579	139.
1	0315	40	0.	*	1	1815	220	1091.	*	2	0915	400	1994.	*	3	0015	580	136.
1	0320	41	0.	*	1	1820	221	1118.	*	2	0920	401	1962.	*	3	0020	581	134.
1	0325	42	0.	*	1	1825	222	1145.	*	2	0925	402	1930.	*	3	0025	582	131.
1	0330	43	0.	*	1	1830	223	1173.	*	2	0930	403	1899.	*	3	0030	583	129.
1	0335	44	0.	*	1	1835	224	1199.	*	2	0935	404	1873.	*	3	0035	584	129.
1	0340	45	0.	*	1	1840	225	1225.	*	2	0940	405	1848.	*	3	0040	585	128.
1	0345	46	0.	*	1	1845	226	1251.	*	2	0945	406	1823.	*	3	0045	586	128.
1	0350	47	0.	*	1	1850	227	1278.	*	2	0950	407	1797.	*	3	0050	587	123.
1	0355	48	0.	*	1	1855	228	1306.	*	2	0955	408	1772.	*	3	0055	588	118.
1	0400	49	0.	*	1	1900	229	1333.	*	2	1000	409	1747.	*	3	0100	589	113.
1	0405	50	0.	*	1	1905	230	1375.	*	2	1005	410	1721.	*	3	0105	590	111.
1	0410	51	0.	*	1	1910	231	1418.	*	2	1010	411	1696.	*	3	0110	591	110.
1	0415	52	0.	*	1	1915	232	1460.	*	2	1015	412	1671.	*	3	0115	592	108.
1	0420	53	0.	*	1	1920	233	1492.	*	2	1020	413	1647.	*	3	0120	593	107.
1	0425	54	0.	*	1	1925	234	1525.	*	2	1025	414	1622.	*	3	0125	594	105.
1	0430	55	0.	*	1	1930	235	1557.	*	2	1030	415	1598.	*	3	0130	595	104.
1	0435	56	0.	*	1	1935	236	1582.	*	2	1035	416	1573.	*	3	0135	596	101.
1	0440	57	0.	*	1	1940	237	1607.	*	2	1040	417	1548.	*	3	0140	597	97.
1	0445	58	0.	*	1	1945	238	1632.	*	2	1045	418	1523.	*	3	0145	598	94.
1	0450	59	0.	*	1	1950	239	1707.	*	2	1050	419	1500.	*	3	0150	599	92.
1	0455	60	0.	*	1	1955	240	1783.	*	2	1055	420	1477.	*	3	0155	600	91.
1	0500	61	0.	*	1	2000	241	1858.	*	2	1100	421	1455.	*	3	0200	601	89.
1	0505	62	0.	*	1	2005	242	2739.	*	2	1105	422	1433.	*	3	0205	602	87.
1	0510	63	0.	*	1	2010	243	3620.	*	2	1110	423	1410.	*	3	0210	603	85.
1	0515	64	0.	*	1	2015	244	4501.	*	2	1115	424	1388.	*	3	0215	604	82.
1	0520	65	0.	*	1	2020	245	5683.	*	2	1120	425	1365.	*	3	0220	605	81.
1	0525	66	0.	*	1	2025	246	6866.	*	2	1125	426	1341.	*	3	0225	606	79.
1	0530	67	0.	*	1	2030	247	8049.	*	2	1130	427	1318.	*	3	0230	607	77.
1	0535	68	0.	*	1	2035	248	8503.	*	2	1135	428	1298.	*	3	0235	608	75.
1	0540	69	0.	*	1	2040	249	8958.	*	2	1140	429	1279.	*	3	0240	609	72.
1	0545	70	0.	*	1	2045	250	9412.	*	2	1145	430	1260.	*	3	0245	610	70.
1	0550	71	0.	*	1	2050	251	9849.	*	2	1150	431	1241.	*	3	0250	611	69.
1	0555	72	0.	*	1	2055	252	10286.	*	2	1155	432	1223.	*	3	0255	612	68.
1	0600	73	0.	*	1	2100	253	10723.	*	2	1200	433	1204.	*	3	0300	613	67.
1	0605	74	0.	*	1	2105	254	10780.	*	2	1205	434	1182.	*	3	0305	614	66.
1	0610	75	0.	*	1	2110	255	10668.	*	2	1210	435	1160.	*	3	0310	615	65.
1	0615	76	0.	*	1	2115	256	10556.	*	2	1215	436	1137.	*	3	0315	616	63.
1	0620	77	0.	*	1	2120	257	10379.	*	2	1220	437	1116.	*	3	0320	617	62.
1	0625	78	0.	*	1	2125	258	10203.	*	2	1225	438	1096.	*	3	0325	618	60.
1	0630	79	0.	*	1	2130	259	10027.	*	2	1230	439	1075.	*	3	0330	619	58.
1	0635	80	0.	*	1	2135	260	9858.	*	2	1235	440	1058.	*	3	0335	620	58.
1	0640	81	0.	*	1	2140	261	9690.	*	2	1240	441	1041.	*	3	0340	621	58.
1	0645	82	0.	*	1	2145	262	9521.	*	2	1245	442	1024.	*	3	0345	622	58.
1	0650	83	0.	*	1	2150	263	9352.	*	2	1250	443	1008.	*	3	0350	623	57.

1	0655	84	0.	*	1	2155	264	9183.	*	2	1255	444	991.	*	3	0355	624	56.
1	0700	85	0.	*	1	2200	265	9014.	*	2	1300	445	974.	*	3	0400	625	50.
1	0705	86	0.	*	1	2205	266	8855.	*	2	1305	446	958.	*	3	0405	626	49.
1	0710	87	0.	*	1	2210	267	8696.	*	2	1310	447	942.	*	3	0410	627	49.
1	0715	88	0.	*	1	2215	268	8536.	*	2	1315	448	926.	*	3	0415	628	49.
1	0720	89	0.	*	1	2220	269	8393.	*	2	1320	449	912.	*	3	0420	629	49.
1	0725	90	0.	*	1	2225	270	8250.	*	2	1325	450	899.	*	3	0425	630	50.
1	0730	91	0.	*	1	2230	271	8107.	*	2	1330	451	885.	*	3	0430	631	50.
1	0735	92	0.	*	1	2235	272	7990.	*	2	1335	452	871.	*	3	0435	632	48.
1	0740	93	0.	*	1	2240	273	7872.	*	2	1340	453	857.	*	3	0440	633	46.
1	0745	94	0.	*	1	2245	274	7754.	*	2	1345	454	844.	*	3	0445	634	44.
1	0750	95	0.	*	1	2250	275	7655.	*	2	1350	455	831.	*	3	0450	635	43.
1	0755	96	0.	*	1	2255	276	7556.	*	2	1355	456	818.	*	3	0455	636	43.
1	0800	97	0.	*	1	2300	277	7456.	*	2	1400	457	805.	*	3	0500	637	42.
1	0805	98	0.	*	1	2305	278	7372.	*	2	1405	458	794.	*	3	0505	638	42.
1	0810	99	0.	*	1	2310	279	7288.	*	2	1410	459	784.	*	3	0510	639	41.
1	0815	100	0.	*	1	2315	280	7204.	*	2	1415	460	773.	*	3	0515	640	41.
1	0820	101	0.	*	1	2320	281	7132.	*	2	1420	461	761.	*	3	0520	641	41.
1	0825	102	0.	*	1	2325	282	7060.	*	2	1425	462	749.	*	3	0525	642	40.
1	0830	103	0.	*	1	2330	283	6989.	*	2	1430	463	737.	*	3	0530	643	40.
1	0835	104	0.	*	1	2335	284	6926.	*	2	1435	464	726.	*	3	0535	644	39.
1	0840	105	0.	*	1	2340	285	6864.	*	2	1440	465	715.	*	3	0540	645	37.
1	0845	106	0.	*	1	2345	286	6802.	*	2	1445	466	704.	*	3	0545	646	36.
1	0850	107	0.	*	1	2350	287	6747.	*	2	1450	467	695.	*	3	0550	647	36.
1	0855	108	0.	*	1	2355	288	6692.	*	2	1455	468	686.	*	3	0555	648	36.
1	0900	109	0.	*	2	0000	289	6638.	*	2	1500	469	677.	*	3	0600	649	35.
1	0905	110	0.	*	2	0005	290	6583.	*	2	1505	470	669.	*	3	0605	650	35.
1	0910	111	0.	*	2	0010	291	6528.	*	2	1510	471	661.	*	3	0610	651	34.
1	0915	112	0.	*	2	0015	292	6473.	*	2	1515	472	652.	*	3	0615	652	34.
1	0920	113	0.	*	2	0020	293	6424.	*	2	1520	473	643.	*	3	0620	653	33.
1	0925	114	0.	*	2	0025	294	6375.	*	2	1525	474	633.	*	3	0625	654	32.
1	0930	115	0.	*	2	0030	295	6326.	*	2	1530	475	624.	*	3	0630	655	31.
1	0935	116	0.	*	2	0035	296	6285.	*	2	1535	476	616.	*	3	0635	656	30.
1	0940	117	0.	*	2	0040	297	6245.	*	2	1540	477	609.	*	3	0640	657	30.
1	0945	118	0.	*	2	0045	298	6204.	*	2	1545	478	602.	*	3	0645	658	29.
1	0950	119	0.	*	2	0050	299	6167.	*	2	1550	479	591.	*	3	0650	659	28.
1	0955	120	0.	*	2	0055	300	6130.	*	2	1555	480	580.	*	3	0655	660	27.
1	1000	121	0.	*	2	0100	301	6093.	*	2	1600	481	570.	*	3	0700	661	26.
1	1005	122	0.	*	2	0105	302	6056.	*	2	1605	482	564.	*	3	0705	662	26.
1	1010	123	0.	*	2	0110	303	6018.	*	2	1610	483	557.	*	3	0710	663	25.
1	1015	124	0.	*	2	0115	304	5981.	*	2	1615	484	551.	*	3	0715	664	24.
1	1020	125	0.	*	2	0120	305	5949.	*	2	1620	485	546.	*	3	0720	665	24.
1	1025	126	0.	*	2	0125	306	5918.	*	2	1625	486	541.	*	3	0725	666	24.
1	1030	127	0.	*	2	0130	307	5887.	*	2	1630	487	535.	*	3	0730	667	24.
1	1035	128	0.	*	2	0135	308	5860.	*	2	1635	488	527.	*	3	0735	668	23.
1	1040	129	0.	*	2	0140	309	5833.	*	2	1640	489	518.	*	3	0740	669	22.
1	1045	130	0.	*	2	0145	310	5806.	*	2	1645	490	510.	*	3	0745	670	21.
1	1050	131	0.	*	2	0150	311	5779.	*	2	1650	491	503.	*	3	0750	671	22.
1	1055	132	0.	*	2	0155	312	5753.	*	2	1655	492	497.	*	3	0755	672	22.
1	1100	133	0.	*	2	0200	313	5727.	*	2	1700	493	491.	*	3	0800	673	22.
1	1105	134	0.	*	2	0205	314	5702.	*	2	1705	494	483.	*	3	0805	674	22.
1	1110	135	0.	*	2	0210	315	5678.	*	2	1710	495	475.	*	3	0810	675	21.
1	1115	136	0.	*	2	0215	316	5653.	*	2	1715	496	467.	*	3	0815	676	21.
1	1120	137	0.	*	2	0220	317	5633.	*	2	1720	497	459.	*	3	0820	677	20.
1	1125	138	0.	*	2	0225	318	5612.	*	2	1725	498	451.	*	3	0825	678	19.
1	1130	139	0.	*	2	0230	319	5591.	*	2	1730	499	444.	*	3	0830	679	18.
1	1135	140	0.	*	2	0235	320	5571.	*	2	1735	500	436.	*	3	0835	680	18.
1	1140	141	0.	*	2	0240	321	5551.	*	2	1740	501	428.	*	3	0840	681	19.
1	1145	142	0.	*	2	0245	322	5531.	*	2	1745	502	420.	*	3	0845	682	20.
1	1150	143	0.	*	2	0250	323	5509.	*	2	1750	503	415.	*	3	0850	683	18.
1	1155	144	0.	*	2	0255	324	5487.	*	2	1755	504	411.	*	3	0855	684	17.
1	1200	145	0.	*	2	0300	325	5465.	*	2	1800	505	406.	*	3	0900	685	16.
1	1205	146	0.	*	2	0305	326	5445.	*	2	1805	506	399.	*	3	0905	686	15.
1	1210	147	0.	*	2	0310	327	5424.	*	2	1810	507	393.	*	3	0910	687	14.
1	1215	148	0.	*	2	0315	328	5403.	*	2	1815	508	387.	*	3	0915	688	14.
1	1220	149	0.	*	2	0320	329	5383.	*	2	1820	509	381.	*	3	0920	689	14.
1	1225	150	0.	*	2	0325	330	5364.	*	2	1825	510	375.	*	3	0925	690	14.
1	1230	151	0.	*	2	0330	331	5344.	*	2	1830	511	370.	*	3	0930	691	14.
1	1235	152	0.	*	2	0335	332	5317.	*	2	1835	512	364.	*	3	0935	692	14.
1	1240	153	0.	*	2	0340	333	5290.	*	2	1840	513	358.	*	3	0940	693	13.
1	1245	154	0.	*	2	0345	334	5263.	*	2	1845	514	352.	*	3	0945	694	12.
1	1250	155	0.	*	2	0350	335	5231.	*	2	1850	515	348.	*	3	0950	695	11.
1	1255	156	0.	*	2	0355	336	5199.	*	2	1855	516	344.	*	3	0955	696	11.
1	1300	157	0.	*	2	0400	337	5166.	*	2	1900	517	340.	*	3	1000	697	10.
1	1305	158	1.	*	2	0405	338	5126.	*	2	1905	518	335.	*	3	1005	698	10.
1	1310	159	2.	*	2	0410	339	5085.	*	2	1910	519	330.	*	3	1010	699	11.
1	1315	160	3.	*	2	0415	340	5045.	*	2	1915	520	325.	*	3	1015	700	11.
1	1320	161	4.	*	2	0420	341	4995.	*	2	1920	521	321.	*	3	1020	701	10.
1	1325	162	4.	*	2	0425	342	4945.	*	2	1925	522	317.	*	3	1025	702	9.
1	1330	163	5.	*	2	0430	343	4895.	*	2	1930	523	313.	*	3	1030	703	8.
1	1335	164	5.	*	2	0435	344	4843.	*	2	1935	524	310.	*	3	1035	704	8.
1	1340	165	5.	*	2	0440	345	4790.	*	2	1940	525	307.	*	3	1040	705	7.
1	1345	166	6.	*	2	0445	346	4738.	*	2	1945	526	305.	*	3	1045	706	7.
1	1350	167	8.	*	2	0450	347	4674.	*	2	1950	527	302.	*	3	1050	707	6.
1	1355	168	10.	*	2	0455	348	4611.	*	2	1955	528	300.	*	3	1055	708	4.
1	1400	169	13.	*	2	0500	349	4548.	*	2	2000	529	297.	*	3	1100	709	3.
1	1405	170	15.	*	2	0505	350	4480.	*	2	2005	530	293.	*	3	1105	710	3.
1	1410	171	18.	*	2	0510	351	4412.	*	2	2010	531	289.	*	3	1110	711	2.
1	1415	172	21.	*	2	0515	352	4345.	*	2	2015	532	285.	*	3	1115	712	2.
1	1420	173	22.	*	2	0520	353	4274.	*	2	2020	533	281.	*	3	1120	713	2.
1	1425	174	22.	*	2	0525	354	4204.	*	2	2025	534	278.	*	3	1125	714	1.
1	1430	175	22.	*	2	0530	355	4134.	*	2	2030	535	274.	*	3	1130	715	1.
1	1435	176	23.	*	2	0535	356	4063.	*	2	2035	536	271.	*	3	1135	716	1.
1	1440	177	23.	*	2	0540	357	3992.	*	2	2040	537	268.	*	3	1140	717	1.
1	1445	178	24.	*	2	0545	358	3921.	*	2	2045	538	265.	*	3	1145	718	1.
1	1450	179	25.	*	2	0550	359	3852.	*	2	2050	539	262.	*	3	1150	719	1.
1	1455	180	26.	*	2	0555	360	3784.	*	2	2055	540	260.	*	3	1155	720	1.
				*					*					*				

****
*

PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	59.92-HR
+ (CFS)	(HR)					
		(CFS)				
+ 10780.	21.08		7525.	3538.	1465.	1465.
		(INCHES)	.000	.000	.000	.000
		(AC-FT)	3731.	7018.	7255.	7255.

CUMULATIVE AREA = .00 SQ MI

```
 *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** ***
***

            **************
            *            *
  150 KK    *      CPD   *
            *            *
            **************

  152 KO         OUTPUT CONTROL VARIABLES
                       IPRNT           1  PRINT CONTROL
                       IPLOT           0  PLOT CONTROL
                       QSCAL          0.  HYDROGRAPH PLOT SCALE

  153 HC         HYDROGRAPH COMBINATION
                       ICOMP           2  NUMBER OF HYDROGRAPHS TO COMBINE
                                                                       ***

*****************************************************************************************************************************
*

                                                HYDROGRAPH AT STATION       CPD
                                                     SUM OF  2 HYDROGRAPHS
                                                    PLAN 1,    RATIO =  1.00

*****************************************************************************************************************************
*
```

DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1500	181	66.	2		0600	361	3716.	2		2100	541	258.
1		0005	2	0.	1		1505	182	69.	2		0605	362	3649.	2		2105	542	253.
1		0010	3	0.	1		1510	183	72.	2		0610	363	3581.	2		2110	543	248.
1		0015	4	0.	1		1515	184	74.	2		0615	364	3514.	2		2115	544	244.
1		0020	5	0.	1		1520	185	78.	2		0620	365	3452.	2		2120	545	242.
1		0025	6	0.	1		1525	186	79.	2		0625	366	3390.	2		2125	546	241.
1		0030	7	0.	1		1530	187	78.	2		0630	367	3328.	2		2130	547	239.
1		0035	8	0.	1		1535	188	80.	2		0635	368	3272.	2		2135	548	235.
1		0040	9	0.	1		1540	189	86.	2		0640	369	3215.	2		2140	549	230.
1		0045	10	0.	1		1545	190	98.	2		0645	370	3158.	2		2145	550	226.
1		0050	11	0.	1		1550	191	118.	2		0650	371	3099.	2		2150	551	224.
1		0055	12	0.	1		1555	192	135.	2		0655	372	3039.	2		2155	552	222.
1		0100	13	0.	1		1600	193	154.	2		0700	373	2980.	2		2200	553	220.
1		0105	14	0.	1		1605	194	204.	2		0705	374	2933.	2		2205	554	217.
1		0110	15	0.	1		1610	195	249.	2		0710	375	2886.	2		2210	555	214.
1		0115	16	0.	1		1615	196	259.	2		0715	376	2839.	2		2215	556	210.
1		0120	17	0.	1		1620	197	257.	2		0720	377	2793.	2		2220	557	206.
1		0125	18	0.	1		1625	198	271.	2		0725	378	2748.	2		2225	558	201.
1		0130	19	0.	1		1630	199	294.	2		0730	379	2702.	2		2230	559	196.
1		0135	20	0.	1		1635	200	326.	2		0735	380	2664.	2		2235	560	192.
1		0140	21	0.	1		1640	201	357.	2		0740	381	2626.	2		2240	561	188.
1		0145	22	0.	1		1645	202	390.	2		0745	382	2588.	2		2245	562	184.
1		0150	23	0.	1		1650	203	429.	2		0750	383	2548.	2		2250	563	182.
1		0155	24	0.	1		1655	204	469.	2		0755	384	2508.	2		2255	564	180.
1		0200	25	0.	1		1700	205	506.	2		0800	385	2468.	2		2300	565	178.
1		0205	26	0.	1		1705	206	576.	2		0805	386	2432.	2		2305	566	174.
1		0210	27	0.	1		1710	207	640.	2		0810	387	2395.	2		2310	567	171.
1		0215	28	0.	1		1715	208	708.	2		0815	388	2359.	2		2315	568	168.
1		0220	29	0.	1		1720	209	739.	2		0820	389	2328.	2		2320	569	165.
1		0225	30	0.	1		1725	210	772.	2		0825	390	2298.	2		2325	570	162.
1		0230	31	0.	1		1730	211	806.	2		0830	391	2267.	2		2330	571	159.
1		0235	32	0.	1		1735	212	837.	2		0835	392	2232.	2		2335	572	157.
1		0240	33	0.	1		1740	213	869.	2		0840	393	2197.	2		2340	573	155.
1		0245	34	0.	1		1745	214	900.	2		0845	394	2162.	2		2345	574	154.
1		0250	35	0.	1		1750	215	931.	2		0850	395	2134.	2		2350	575	151.
1		0255	36	0.	1		1755	216	962.	2		0855	396	2107.	2		2355	576	148.
1		0300	37	0.	1		1800	217	993.	2		0900	397	2079.	3		0000	577	145.
1		0305	38	0.	1		1805	218	1029.	2		0905	398	2051.	3		0005	578	142.
1		0310	39	0.	1		1810	219	1065.	2		0910	399	2022.	3		0010	579	139.
1		0315	40	0.	1		1815	220	1101.	2		0915	400	1994.	3		0015	580	136.
1		0320	41	0.	1		1820	221	1128.	2		0920	401	1962.	3		0020	581	134.
1		0325	42	0.	1		1825	222	1155.	2		0925	402	1930.	3		0025	582	131.
1		0330	43	0.	1		1830	223	1183.	2		0930	403	1899.	3		0030	583	129.
1		0335	44	0.	1		1835	224	1209.	2		0935	404	1873.	3		0035	584	129.
1		0340	45	0.	1		1840	225	1234.	2		0940	405	1848.	3		0040	585	128.
1		0345	46	0.	1		1845	226	1260.	2		0945	406	1823.	3		0045	586	128.
1		0350	47	0.	1		1850	227	1288.	2		0950	407	1797.	3		0050	587	123.
1		0355	48	0.	1		1855	228	1315.	2		0955	408	1772.	3		0055	588	118.
1		0400	49	0.	1		1900	229	1343.	2		1000	409	1747.	3		0100	589	113.
1		0405	50	0.	1		1905	230	1385.	2		1005	410	1721.	3		0105	590	111.
1		0410	51	0.	1		1910	231	1427.	2		1010	411	1696.	3		0110	591	110.
1		0415	52	0.	1		1915	232	1470.	2		1015	412	1671.	3		0115	592	108.
1		0420	53	0.	1		1920	233	1502.	2		1020	413	1647.	3		0120	593	107.
1		0425	54	0.	1		1925	234	1534.	2		1025	414	1622.	3		0125	594	105.
1		0430	55	0.	1		1930	235	1567.	2		1030	415	1598.	3		0130	595	104.
1		0435	56	0.	1		1935	236	1592.	2		1035	416	1573.	3		0135	596	101.
1		0440	57	0.	1		1940	237	1617.	2		1040	417	1548.	3		0140	597	97.
1		0445	58	0.	1		1945	238	1642.	2		1045	418	1523.	3		0145	598	94.
1		0450	59	0.	1		1950	239	1717.	2		1050	419	1500.	3		0150	599	92.
1		0455	60	0.	1		1955	240	1792.	2		1055	420	1477.	3		0155	600	91.
1		0500	61	0.	1		2000	241	1868.	2		1100	421	1455.	3		0200	601	89.
1		0505	62	0.	1		2005	242	2749.	2		1105	422	1433.	3		0205	602	87.
1		0510	63	0.	1		2010	243	3629.	2		1110	423	1410.	3		0210	603	85.
1		0515	64	0.	1		2015	244	4510.	2		1115	424	1388.	3		0215	604	82.
1		0520	65	0.	1		2020	245	5693.	2		1120	425	1365.	3		0220	605	81.
1		0525	66	0.	1		2025	246	6876.	2		1125	426	1341.	3		0225	606	79.
1		0530	67	0.	1		2030	247	8059.	2		1130	427	1318.	3		0230	607	77.
1		0535	68	0.	1		2035	248	8513.	2		1135	428	1298.	3		0235	608	75.
1		0540	69	0.	1		2040	249	8967.	2		1140	429	1279.	3		0240	609	72.
1		0545	70	0.	1		2045	250	9422.	2		1145	430	1260.	3		0245	610	70.
1		0550	71	0.	1		2050	251	9859.	2		1150	431	1241.	3		0250	611	69.
1		0555	72	0.	1		2055	252	10295.	2		1155	432	1223.	3		0255	612	68.
1		0600	73	0.	1		2100	253	10732.	2		1200	433	1204.	3		0300	613	67.
1		0605	74	0.	1		2105	254	10790.	2		1205	434	1182.	3		0305	614	66.
1		0610	75	0.	1		2110	255	10678.	2		1210	435	1160.	3		0310	615	65.

1	0615	76	0.	*	1	2115	256	10565.	*	2	1215	436	1137.	*	3	0315	616	63.
1	0620	77	0.	*	1	2120	257	10389.	*	2	1220	437	1116.	*	3	0320	617	62.
1	0625	78	0.	*	1	2125	258	10213.	*	2	1225	438	1096.	*	3	0325	618	60.
1	0630	79	0.	*	1	2130	259	10036.	*	2	1230	439	1075.	*	3	0330	619	58.
1	0635	80	0.	*	1	2135	260	9868.	*	2	1235	440	1058.	*	3	0335	620	58.
1	0640	81	1.	*	1	2140	261	9700.	*	2	1240	441	1041.	*	3	0340	621	58.
1	0645	82	1.	*	1	2145	262	9531.	*	2	1245	442	1024.	*	3	0345	622	58.
1	0650	83	1.	*	1	2150	263	9362.	*	2	1250	443	1008.	*	3	0350	623	57.
1	0655	84	1.	*	1	2155	264	9193.	*	2	1255	444	991.	*	3	0355	624	56.
1	0700	85	1.	*	1	2200	265	9024.	*	2	1300	445	974.	*	3	0400	625	50.
1	0705	86	1.	*	1	2205	266	8865.	*	2	1305	446	958.	*	3	0405	626	49.
1	0710	87	1.	*	1	2210	267	8705.	*	2	1310	447	942.	*	3	0410	627	49.
1	0715	88	1.	*	1	2215	268	8546.	*	2	1315	448	926.	*	3	0415	628	49.
1	0720	89	1.	*	1	2220	269	8403.	*	2	1320	449	912.	*	3	0420	629	49.
1	0725	90	1.	*	1	2225	270	8260.	*	2	1325	450	899.	*	3	0425	630	50.
1	0730	91	1.	*	1	2230	271	8117.	*	2	1330	451	885.	*	3	0430	631	50.
1	0735	92	1.	*	1	2235	272	8000.	*	2	1335	452	871.	*	3	0435	632	48.
1	0740	93	1.	*	1	2240	273	7882.	*	2	1340	453	857.	*	3	0440	633	46.
1	0745	94	1.	*	1	2245	274	7764.	*	2	1345	454	844.	*	3	0445	634	44.
1	0750	95	1.	*	1	2250	275	7665.	*	2	1350	455	831.	*	3	0450	635	43.
1	0755	96	2.	*	1	2255	276	7566.	*	2	1355	456	818.	*	3	0455	636	43.
1	0800	97	2.	*	1	2300	277	7466.	*	2	1400	457	805.	*	3	0500	637	42.
1	0805	98	2.	*	1	2305	278	7382.	*	2	1405	458	794.	*	3	0505	638	42.
1	0810	99	2.	*	1	2310	279	7298.	*	2	1410	459	784.	*	3	0510	639	41.
1	0815	100	2.	*	1	2315	280	7214.	*	2	1415	460	773.	*	3	0515	640	41.
1	0820	101	2.	*	1	2320	281	7142.	*	2	1420	461	761.	*	3	0520	641	41.
1	0825	102	2.	*	1	2325	282	7070.	*	2	1425	462	749.	*	3	0525	642	40.
1	0830	103	2.	*	1	2330	283	6999.	*	2	1430	463	737.	*	3	0530	643	40.
1	0835	104	2.	*	1	2335	284	6936.	*	2	1435	464	726.	*	3	0535	644	39.
1	0840	105	2.	*	1	2340	285	6874.	*	2	1440	465	715.	*	3	0540	645	37.
1	0845	106	2.	*	1	2345	286	6812.	*	2	1445	466	704.	*	3	0545	646	36.
1	0850	107	2.	*	1	2350	287	6757.	*	2	1450	467	695.	*	3	0550	647	36.
1	0855	108	2.	*	1	2355	288	6702.	*	2	1455	468	686.	*	3	0555	648	36.
1	0900	109	2.	*	2	0000	289	6648.	*	2	1500	469	677.	*	3	0600	649	35.
1	0905	110	2.	*	2	0005	290	6593.	*	2	1505	470	669.	*	3	0605	650	35.
1	0910	111	2.	*	2	0010	291	6536.	*	2	1510	471	661.	*	3	0610	651	34.
1	0915	112	2.	*	2	0015	292	6478.	*	2	1515	472	652.	*	3	0615	652	34.
1	0920	113	2.	*	2	0020	293	6428.	*	2	1520	473	643.	*	3	0620	653	33.
1	0925	114	3.	*	2	0025	294	6378.	*	2	1525	474	633.	*	3	0625	654	32.
1	0930	115	3.	*	2	0030	295	6328.	*	2	1530	475	624.	*	3	0630	655	31.
1	0935	116	3.	*	2	0035	296	6287.	*	2	1535	476	616.	*	3	0635	656	30.
1	0940	117	3.	*	2	0040	297	6246.	*	2	1540	477	609.	*	3	0640	657	30.
1	0945	118	3.	*	2	0045	298	6205.	*	2	1545	478	602.	*	3	0645	658	29.
1	0950	119	3.	*	2	0050	299	6168.	*	2	1550	479	591.	*	3	0650	659	28.
1	0955	120	3.	*	2	0055	300	6131.	*	2	1555	480	580.	*	3	0655	660	27.
1	1000	121	3.	*	2	0100	301	6094.	*	2	1600	481	570.	*	3	0700	661	26.
1	1005	122	3.	*	2	0105	302	6056.	*	2	1605	482	564.	*	3	0705	662	26.
1	1010	123	3.	*	2	0110	303	6019.	*	2	1610	483	557.	*	3	0710	663	25.
1	1015	124	3.	*	2	0115	304	5981.	*	2	1615	484	551.	*	3	0715	664	24.
1	1020	125	3.	*	2	0120	305	5950.	*	2	1620	485	546.	*	3	0720	665	24.
1	1025	126	3.	*	2	0125	306	5918.	*	2	1625	486	541.	*	3	0725	666	24.
1	1030	127	3.	*	2	0130	307	5887.	*	2	1630	487	535.	*	3	0730	667	24.
1	1035	128	3.	*	2	0135	308	5860.	*	2	1635	488	527.	*	3	0735	668	23.
1	1040	129	3.	*	2	0140	309	5833.	*	2	1640	489	518.	*	3	0740	669	22.
1	1045	130	3.	*	2	0145	310	5806.	*	2	1645	490	510.	*	3	0745	670	21.
1	1050	131	3.	*	2	0150	311	5779.	*	2	1650	491	503.	*	3	0750	671	22.
1	1055	132	3.	*	2	0155	312	5753.	*	2	1655	492	497.	*	3	0755	672	22.
1	1100	133	3.	*	2	0200	313	5727.	*	2	1700	493	491.	*	3	0800	673	22.
1	1105	134	4.	*	2	0205	314	5702.	*	2	1705	494	483.	*	3	0805	674	22.
1	1110	135	4.	*	2	0210	315	5678.	*	2	1710	495	475.	*	3	0810	675	21.
1	1115	136	4.	*	2	0215	316	5653.	*	2	1715	496	467.	*	3	0815	676	21.
1	1120	137	4.	*	2	0220	317	5633.	*	2	1720	497	459.	*	3	0820	677	20.
1	1125	138	4.	*	2	0225	318	5612.	*	2	1725	498	451.	*	3	0825	678	19.
1	1130	139	4.	*	2	0230	319	5591.	*	2	1730	499	444.	*	3	0830	679	18.
1	1135	140	4.	*	2	0235	320	5571.	*	2	1735	500	436.	*	3	0835	680	18.
1	1140	141	4.	*	2	0240	321	5551.	*	2	1740	501	428.	*	3	0840	681	19.
1	1145	142	4.	*	2	0245	322	5531.	*	2	1745	502	420.	*	3	0845	682	20.
1	1150	143	4.	*	2	0250	323	5509.	*	2	1750	503	415.	*	3	0850	683	18.
1	1155	144	4.	*	2	0255	324	5487.	*	2	1755	504	411.	*	3	0855	684	17.
1	1200	145	4.	*	2	0300	325	5465.	*	2	1800	505	406.	*	3	0900	685	16.
1	1205	146	4.	*	2	0305	326	5445.	*	2	1805	506	399.	*	3	0905	686	15.
1	1210	147	4.	*	2	0310	327	5424.	*	2	1810	507	393.	*	3	0910	687	14.
1	1215	148	4.	*	2	0315	328	5403.	*	2	1815	508	387.	*	3	0915	688	14.
1	1220	149	4.	*	2	0320	329	5383.	*	2	1820	509	381.	*	3	0920	689	14.
1	1225	150	4.	*	2	0325	330	5364.	*	2	1825	510	375.	*	3	0925	690	14.
1	1230	151	4.	*	2	0330	331	5344.	*	2	1830	511	370.	*	3	0930	691	14.
1	1235	152	4.	*	2	0335	332	5317.	*	2	1835	512	364.	*	3	0935	692	14.
1	1240	153	4.	*	2	0340	333	5290.	*	2	1840	513	358.	*	3	0940	693	13.
1	1245	154	4.	*	2	0345	334	5263.	*	2	1845	514	352.	*	3	0945	694	12.
1	1250	155	4.	*	2	0350	335	5231.	*	2	1850	515	348.	*	3	0950	695	11.
1	1255	156	4.	*	2	0355	336	5199.	*	2	1855	516	344.	*	3	0955	696	11.
1	1300	157	4.	*	2	0400	337	5166.	*	2	1900	517	340.	*	3	1000	697	10.
1	1305	158	5.	*	2	0405	338	5126.	*	2	1905	518	335.	*	3	1005	698	10.
1	1310	159	6.	*	2	0410	339	5085.	*	2	1910	519	330.	*	3	1010	699	11.
1	1315	160	7.	*	2	0415	340	5045.	*	2	1915	520	325.	*	3	1015	700	11.
1	1320	161	7.	*	2	0420	341	4995.	*	2	1920	521	321.	*	3	1020	701	10.
1	1325	162	8.	*	2	0425	342	4945.	*	2	1925	522	317.	*	3	1025	702	9.
1	1330	163	8.	*	2	0430	343	4895.	*	2	1930	523	313.	*	3	1030	703	8.
1	1335	164	9.	*	2	0435	344	4843.	*	2	1935	524	310.	*	3	1035	704	8.
1	1340	165	9.	*	2	0440	345	4790.	*	2	1940	525	307.	*	3	1040	705	7.
1	1345	166	9.	*	2	0445	346	4738.	*	2	1945	526	305.	*	3	1045	706	7.
1	1350	167	12.	*	2	0450	347	4674.	*	2	1950	527	302.	*	3	1050	707	6.
1	1355	168	14.	*	2	0455	348	4611.	*	2	1955	528	300.	*	3	1055	708	4.
1	1400	169	17.	*	2	0500	349	4548.	*	2	2000	529	297.	*	3	1100	709	3.
1	1405	170	24.	*	2	0505	350	4480.	*	2	2005	530	293.	*	3	1105	710	3.
1	1410	171	34.	*	2	0510	351	4412.	*	2	2010	531	289.	*	3	1110	711	2.
1	1415	172	43.	*	2	0515	352	4345.	*	2	2015	532	285.	*	3	1115	712	2.
1	1420	173	47.	*	2	0520	353	4274.	*	2	2020	533	281.	*	3	1120	713	2.
1	1425	174	49.	*	2	0525	354	4204.	*	2	2025	534	278.	*	3	1125	714	1.
1	1430	175	52.	*	2	0530	355	4134.	*	2	2030	535	274.	*	3	1130	715	1.
1	1435	176	54.	*	2	0535	356	4063.	*	2	2035	536	271.	*	3	1135	716	1.
1	1440	177	56.	*	2	0540	357	3992.	*	2	2040	537	268.	*	3	1140	717	1.
1	1445	178	58.	*	2	0545	358	3921.	*	2	2045	538	265.	*	3	1145	718	1.
1	1450	179	61.	*	2	0550	359	3852.	*	2	2050	539	262.	*	3	1150	719	1.
1	1455	180	63.	*	2	0555	360	3784.	*	2	2055	540	260.	*	3	1155	720	1.
				*					*					*				

****
*

PEAK FLOW TIME MAXIMUM AVERAGE FLOW
6-HR 24-HR 72-HR 59.92-HR

```
+   (CFS)       (HR)
                          (CFS)
+   10790.      21.08                 7532.        3542.        1469.        1469.
                        (INCHES)   250.094      470.450      487.244      487.244
                         (AC-FT)      3735.        7025.        7276.        7276.

                        CUMULATIVE AREA =       .28 SQ MI
```

****
*

HYDROGRAPH AT STATION CPD
SUM OF 2 HYDROGRAPHS
PLAN 1, RATIO = .98

****
*

DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1500	181	65.	2		0600	361	3716.	2		2100	541	258.
1		0005	2	0.	1		1505	182	67.	2		0605	362	3649.	2		2105	542	253.
1		0010	3	0.	1		1510	183	70.	2		0610	363	3581.	2		2110	543	248.
1		0015	4	0.	1		1515	184	73.	2		0615	364	3514.	2		2115	544	244.
1		0020	5	0.	1		1520	185	76.	2		0620	365	3452.	2		2120	545	242.
1		0025	6	0.	1		1525	186	77.	2		0625	366	3390.	2		2125	546	241.
1		0030	7	0.	1		1530	187	77.	2		0630	367	3328.	2		2130	547	239.
1		0035	8	0.	1		1535	188	79.	2		0635	368	3272.	2		2135	548	235.
1		0040	9	0.	1		1540	189	85.	2		0640	369	3215.	2		2140	549	230.
1		0045	10	0.	1		1545	190	97.	2		0645	370	3158.	2		2145	550	226.
1		0050	11	0.	1		1550	191	116.	2		0650	371	3099.	2		2150	551	224.
1		0055	12	0.	1		1555	192	133.	2		0655	372	3039.	2		2155	552	222.
1		0100	13	0.	1		1600	193	152.	2		0700	373	2980.	2		2200	553	220.
1		0105	14	0.	1		1605	194	201.	2		0705	374	2933.	2		2205	554	217.
1		0110	15	0.	1		1610	195	245.	2		0710	375	2886.	2		2210	555	214.
1		0115	16	0.	1		1615	196	256.	2		0715	376	2839.	2		2215	556	210.
1		0120	17	0.	1		1620	197	255.	2		0720	377	2793.	2		2220	557	206.
1		0125	18	0.	1		1625	198	269.	2		0725	378	2748.	2		2225	558	201.
1		0130	19	0.	1		1630	199	292.	2		0730	379	2702.	2		2230	559	196.
1		0135	20	0.	1		1635	200	324.	2		0735	380	2664.	2		2235	560	192.
1		0140	21	0.	1		1640	201	356.	2		0740	381	2626.	2		2240	561	188.
1		0145	22	0.	1		1645	202	388.	2		0745	382	2588.	2		2245	562	184.
1		0150	23	0.	1		1650	203	427.	2		0750	383	2548.	2		2250	563	182.
1		0155	24	0.	1		1655	204	467.	2		0755	384	2508.	2		2255	564	180.
1		0200	25	0.	1		1700	205	505.	2		0800	385	2468.	2		2300	565	178.
1		0205	26	0.	1		1705	206	575.	2		0805	386	2432.	2		2305	566	174.
1		0210	27	0.	1		1710	207	639.	2		0810	387	2395.	2		2310	567	171.
1		0215	28	0.	1		1715	208	707.	2		0815	388	2359.	2		2315	568	168.
1		0220	29	0.	1		1720	209	739.	2		0820	389	2328.	2		2320	569	165.
1		0225	30	0.	1		1725	210	772.	2		0825	390	2298.	2		2325	570	162.
1		0230	31	0.	1		1730	211	806.	2		0830	391	2267.	2		2330	571	159.
1		0235	32	0.	1		1735	212	837.	2		0835	392	2232.	2		2335	572	157.
1		0240	33	0.	1		1740	213	868.	2		0840	393	2197.	2		2340	573	155.
1		0245	34	0.	1		1745	214	900.	2		0845	394	2162.	2		2345	574	154.
1		0250	35	0.	1		1750	215	931.	2		0850	395	2134.	2		2350	575	151.
1		0255	36	0.	1		1755	216	962.	2		0855	396	2107.	2		2355	576	148.
1		0300	37	0.	1		1800	217	993.	2		0900	397	2079.	3		0000	577	145.
1		0305	38	0.	1		1805	218	1028.	2		0905	398	2051.	3		0005	578	142.
1		0310	39	0.	1		1810	219	1065.	2		0910	399	2022.	3		0010	579	139.
1		0315	40	0.	1		1815	220	1100.	2		0915	400	1994.	3		0015	580	136.
1		0320	41	0.	1		1820	221	1128.	2		0920	401	1962.	3		0020	581	134.
1		0325	42	0.	1		1825	222	1155.	2		0925	402	1930.	3		0025	582	131.
1		0330	43	0.	1		1830	223	1182.	2		0930	403	1899.	3		0030	583	129.
1		0335	44	0.	1		1835	224	1208.	2		0935	404	1873.	3		0035	584	129.
1		0340	45	0.	1		1840	225	1234.	2		0940	405	1848.	3		0040	585	128.
1		0345	46	0.	1		1845	226	1260.	2		0945	406	1823.	3		0045	586	128.
1		0350	47	0.	1		1850	227	1288.	2		0950	407	1797.	3		0050	587	123.
1		0355	48	0.	1		1855	228	1315.	2		0955	408	1772.	3		0055	588	118.
1		0400	49	0.	1		1900	229	1342.	2		1000	409	1747.	3		0100	589	113.
1		0405	50	0.	1		1905	230	1385.	2		1005	410	1721.	3		0105	590	111.
1		0410	51	0.	1		1910	231	1427.	2		1010	411	1696.	3		0110	591	110.
1		0415	52	0.	1		1915	232	1469.	2		1015	412	1671.	3		0115	592	108.
1		0420	53	0.	1		1920	233	1502.	2		1020	413	1647.	3		0120	593	107.
1		0425	54	0.	1		1925	234	1534.	2		1025	414	1622.	3		0125	594	105.
1		0430	55	0.	1		1930	235	1566.	2		1030	415	1598.	3		0130	595	104.
1		0435	56	0.	1		1935	236	1591.	2		1035	416	1573.	3		0135	596	101.
1		0440	57	0.	1		1940	237	1616.	2		1040	417	1548.	3		0140	597	97.
1		0445	58	0.	1		1945	238	1641.	2		1045	418	1523.	3		0145	598	94.
1		0450	59	0.	1		1950	239	1717.	2		1050	419	1500.	3		0150	599	92.
1		0455	60	0.	1		1955	240	1792.	2		1055	420	1477.	3		0155	600	91.
1		0500	61	0.	1		2000	241	1868.	2		1100	421	1455.	3		0200	601	89.
1		0505	62	0.	1		2005	242	2748.	2		1105	422	1433.	3		0205	602	87.
1		0510	63	0.	1		2010	243	3629.	2		1110	423	1410.	3		0210	603	85.
1		0515	64	0.	1		2015	244	4510.	2		1115	424	1388.	3		0215	604	82.
1		0520	65	0.	1		2020	245	5693.	2		1120	425	1365.	3		0220	605	81.
1		0525	66	0.	1		2025	246	6876.	2		1125	426	1341.	3		0225	606	79.
1		0530	67	0.	1		2030	247	8058.	2		1130	427	1318.	3		0230	607	77.
1		0535	68	0.	1		2035	248	8513.	2		1135	428	1298.	3		0235	608	75.
1		0540	69	0.	1		2040	249	8967.	2		1140	429	1279.	3		0240	609	72.
1		0545	70	0.	1		2045	250	9421.	2		1145	430	1260.	3		0245	610	70.
1		0550	71	0.	1		2050	251	9858.	2		1150	431	1241.	3		0250	611	69.
1		0555	72	0.	1		2055	252	10295.	2		1155	432	1223.	3		0255	612	68.
1		0600	73	0.	1		2100	253	10732.	2		1200	433	1204.	3		0300	613	67.
1		0605	74	0.	1		2105	254	10790.	2		1205	434	1182.	3		0305	614	66.
1		0610	75	0.	1		2110	255	10677.	2		1210	435	1160.	3		0310	615	65.
1		0615	76	0.	1		2115	256	10565.	2		1215	436	1137.	3		0315	616	63.
1		0620	77	0.	1		2120	257	10389.	2		1220	437	1116.	3		0320	617	62.
1		0625	78	0.	1		2125	258	10212.	2		1225	438	1096.	3		0325	618	60.
1		0630	79	0.	1		2130	259	10036.	2		1230	439	1075.	3		0330	619	58.
1		0635	80	0.	1		2135	260	9868.	2		1235	440	1058.	3		0335	620	58.
1		0640	81	0.	1		2140	261	9699.	2		1240	441	1041.	3		0340	621	58.
1		0645	82	1.	1		2145	262	9531.	2		1245	442	1024.	3		0345	622	58.
1		0650	83	1.	1		2150	263	9362.	2		1250	443	1008.	3		0350	623	57.
1		0655	84	1.	1		2155	264	9193.	2		1255	444	991.	3		0355	624	56.
1		0700	85	1.	1		2200	265	9024.	2		1300	445	974.	3		0400	625	50.
1		0705	86	1.	1		2205	266	8864.	2		1305	446	958.	3		0405	626	49.
1		0710	87	1.	1		2210	267	8705.	2		1310	447	942.	3		0410	627	49.
1		0715	88	1.	1		2215	268	8546.	2		1315	448	926.	3		0415	628	49.
1		0720	89	1.	1		2220	269	8403.	2		1320	449	912.	3		0420	629	49.

1	0725	90	1.	*	1	2225	270	8260.	*	2	1325	450	899.	*	3	0425	630	50.
1	0730	91	1.	*	1	2230	271	8117.	*	2	1330	451	885.	*	3	0430	631	50.
1	0735	92	1.	*	1	2235	272	7999.	*	2	1335	452	871.	*	3	0435	632	48.
1	0740	93	1.	*	1	2240	273	7882.	*	2	1340	453	857.	*	3	0440	633	46.
1	0745	94	1.	*	1	2245	274	7764.	*	2	1345	454	844.	*	3	0445	634	44.
1	0750	95	1.	*	1	2250	275	7665.	*	2	1350	455	831.	*	3	0450	635	43.
1	0755	96	1.	*	1	2255	276	7565.	*	2	1355	456	818.	*	3	0455	636	43.
1	0800	97	1.	*	1	2300	277	7466.	*	2	1400	457	805.	*	3	0500	637	42.
1	0805	98	1.	*	1	2305	278	7382.	*	2	1405	458	794.	*	3	0505	638	42.
1	0810	99	2.	*	1	2310	279	7297.	*	2	1410	459	784.	*	3	0510	639	41.
1	0815	100	2.	*	1	2315	280	7213.	*	2	1415	460	773.	*	3	0515	640	41.
1	0820	101	2.	*	1	2320	281	7142.	*	2	1420	461	761.	*	3	0520	641	41.
1	0825	102	2.	*	1	2325	282	7070.	*	2	1425	462	749.	*	3	0525	642	40.
1	0830	103	2.	*	1	2330	283	6999.	*	2	1430	463	737.	*	3	0530	643	40.
1	0835	104	2.	*	1	2335	284	6936.	*	2	1435	464	726.	*	3	0535	644	39.
1	0840	105	2.	*	1	2340	285	6874.	*	2	1440	465	715.	*	3	0540	645	37.
1	0845	106	2.	*	1	2345	286	6811.	*	2	1445	466	704.	*	3	0545	646	36.
1	0850	107	2.	*	1	2350	287	6757.	*	2	1450	467	695.	*	3	0550	647	36.
1	0855	108	2.	*	1	2355	288	6702.	*	2	1455	468	686.	*	3	0555	648	36.
1	0900	109	2.	*	2	0000	289	6648.	*	2	1500	469	677.	*	3	0600	649	35.
1	0905	110	2.	*	2	0005	290	6592.	*	2	1505	470	669.	*	3	0605	650	35.
1	0910	111	2.	*	2	0010	291	6536.	*	2	1510	471	661.	*	3	0610	651	34.
1	0915	112	2.	*	2	0015	292	6478.	*	2	1515	472	652.	*	3	0615	652	34.
1	0920	113	2.	*	2	0020	293	6427.	*	2	1520	473	643.	*	3	0620	653	33.
1	0925	114	2.	*	2	0025	294	6378.	*	2	1525	474	633.	*	3	0625	654	32.
1	0930	115	2.	*	2	0030	295	6328.	*	2	1530	475	624.	*	3	0630	655	31.
1	0935	116	2.	*	2	0035	296	6287.	*	2	1535	476	616.	*	3	0635	656	30.
1	0940	117	3.	*	2	0040	297	6246.	*	2	1540	477	609.	*	3	0640	657	30.
1	0945	118	3.	*	2	0045	298	6205.	*	2	1545	478	602.	*	3	0645	658	29.
1	0950	119	3.	*	2	0050	299	6168.	*	2	1550	479	591.	*	3	0650	659	28.
1	0955	120	3.	*	2	0055	300	6131.	*	2	1555	480	580.	*	3	0655	660	27.
1	1000	121	3.	*	2	0100	301	6094.	*	2	1600	481	570.	*	3	0700	661	26.
1	1005	122	3.	*	2	0105	302	6056.	*	2	1605	482	564.	*	3	0705	662	26.
1	1010	123	3.	*	2	0110	303	6019.	*	2	1610	483	557.	*	3	0710	663	25.
1	1015	124	3.	*	2	0115	304	5981.	*	2	1615	484	551.	*	3	0715	664	24.
1	1020	125	3.	*	2	0120	305	5950.	*	2	1620	485	546.	*	3	0720	665	24.
1	1025	126	3.	*	2	0125	306	5918.	*	2	1625	486	541.	*	3	0725	666	24.
1	1030	127	3.	*	2	0130	307	5887.	*	2	1630	487	535.	*	3	0730	667	24.
1	1035	128	3.	*	2	0135	308	5860.	*	2	1635	488	527.	*	3	0735	668	23.
1	1040	129	3.	*	2	0140	309	5833.	*	2	1640	489	518.	*	3	0740	669	22.
1	1045	130	3.	*	2	0145	310	5806.	*	2	1645	490	510.	*	3	0745	670	21.
1	1050	131	3.	*	2	0150	311	5779.	*	2	1650	491	503.	*	3	0750	671	22.
1	1055	132	3.	*	2	0155	312	5753.	*	2	1655	492	497.	*	3	0755	672	22.
1	1100	133	3.	*	2	0200	313	5727.	*	2	1700	493	491.	*	3	0800	673	22.
1	1105	134	3.	*	2	0205	314	5702.	*	2	1705	494	483.	*	3	0805	674	22.
1	1110	135	3.	*	2	0210	315	5678.	*	2	1710	495	475.	*	3	0810	675	21.
1	1115	136	3.	*	2	0215	316	5653.	*	2	1715	496	467.	*	3	0815	676	21.
1	1120	137	3.	*	2	0220	317	5633.	*	2	1720	497	459.	*	3	0820	677	20.
1	1125	138	4.	*	2	0225	318	5612.	*	2	1725	498	451.	*	3	0825	678	19.
1	1130	139	4.	*	2	0230	319	5591.	*	2	1730	499	444.	*	3	0830	679	18.
1	1135	140	4.	*	2	0235	320	5571.	*	2	1735	500	436.	*	3	0835	680	18.
1	1140	141	4.	*	2	0240	321	5551.	*	2	1740	501	428.	*	3	0840	681	19.
1	1145	142	4.	*	2	0245	322	5531.	*	2	1745	502	420.	*	3	0845	682	20.
1	1150	143	4.	*	2	0250	323	5509.	*	2	1750	503	415.	*	3	0850	683	18.
1	1155	144	4.	*	2	0255	324	5487.	*	2	1755	504	411.	*	3	0855	684	17.
1	1200	145	4.	*	2	0300	325	5465.	*	2	1800	505	406.	*	3	0900	685	16.
1	1205	146	4.	*	2	0305	326	5445.	*	2	1805	506	399.	*	3	0905	686	15.
1	1210	147	4.	*	2	0310	327	5424.	*	2	1810	507	393.	*	3	0910	687	14.
1	1215	148	4.	*	2	0315	328	5403.	*	2	1815	508	387.	*	3	0915	688	14.
1	1220	149	3.	*	2	0320	329	5383.	*	2	1820	509	381.	*	3	0920	689	14.
1	1225	150	3.	*	2	0325	330	5364.	*	2	1825	510	375.	*	3	0925	690	14.
1	1230	151	3.	*	2	0330	331	5344.	*	2	1830	511	370.	*	3	0930	691	14.
1	1235	152	3.	*	2	0335	332	5317.	*	2	1835	512	364.	*	3	0935	692	14.
1	1240	153	3.	*	2	0340	333	5290.	*	2	1840	513	358.	*	3	0940	693	13.
1	1245	154	3.	*	2	0345	334	5263.	*	2	1845	514	352.	*	3	0945	694	12.
1	1250	155	3.	*	2	0350	335	5231.	*	2	1850	515	348.	*	3	0950	695	11.
1	1255	156	3.	*	2	0355	336	5199.	*	2	1855	516	344.	*	3	0955	696	11.
1	1300	157	3.	*	2	0400	337	5166.	*	2	1900	517	340.	*	3	1000	697	10.
1	1305	158	5.	*	2	0405	338	5126.	*	2	1905	518	335.	*	3	1005	698	10.
1	1310	159	6.	*	2	0410	339	5085.	*	2	1910	519	330.	*	3	1010	699	11.
1	1315	160	7.	*	2	0415	340	5045.	*	2	1915	520	325.	*	3	1015	700	11.
1	1320	161	7.	*	2	0420	341	4995.	*	2	1920	521	321.	*	3	1020	701	10.
1	1325	162	8.	*	2	0425	342	4945.	*	2	1925	522	317.	*	3	1025	702	9.
1	1330	163	8.	*	2	0430	343	4895.	*	2	1930	523	313.	*	3	1030	703	8.
1	1335	164	9.	*	2	0435	344	4843.	*	2	1935	524	310.	*	3	1035	704	8.
1	1340	165	9.	*	2	0440	345	4790.	*	2	1940	525	307.	*	3	1040	705	7.
1	1345	166	9.	*	2	0445	346	4738.	*	2	1945	526	305.	*	3	1045	706	7.
1	1350	167	12.	*	2	0450	347	4674.	*	2	1950	527	302.	*	3	1050	707	6.
1	1355	168	14.	*	2	0455	348	4611.	*	2	1955	528	300.	*	3	1055	708	4.
1	1400	169	17.	*	2	0500	349	4548.	*	2	2000	529	297.	*	3	1100	709	3.
1	1405	170	24.	*	2	0505	350	4480.	*	2	2005	530	293.	*	3	1105	710	3.
1	1410	171	33.	*	2	0510	351	4412.	*	2	2010	531	289.	*	3	1110	711	2.
1	1415	172	42.	*	2	0515	352	4345.	*	2	2015	532	285.	*	3	1115	712	2.
1	1420	173	46.	*	2	0520	353	4274.	*	2	2020	533	281.	*	3	1120	713	2.
1	1425	174	48.	*	2	0525	354	4204.	*	2	2025	534	278.	*	3	1125	714	1.
1	1430	175	51.	*	2	0530	355	4134.	*	2	2030	535	274.	*	3	1130	715	1.
1	1435	176	53.	*	2	0535	356	4063.	*	2	2035	536	271.	*	3	1135	716	1.
1	1440	177	55.	*	2	0540	357	3992.	*	2	2040	537	268.	*	3	1140	717	1.
1	1445	178	57.	*	2	0545	358	3921.	*	2	2045	538	265.	*	3	1145	718	1.
1	1450	179	60.	*	2	0550	359	3852.	*	2	2050	539	262.	*	3	1150	719	1.
1	1455	180	62.	*	2	0555	360	3784.	*	2	2055	540	260.	*	3	1155	720	1.
				*					*					*				

****
*

PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	59.92-HR
+ (CFS)	(HR)	(CFS)				
+ 10790.	21.08		7532.	3542.	1469.	1469.
		(INCHES)	250.087	470.437	487.197	487.197
		(AC-FT)	3735.	7025.	7275.	7275.

CUMULATIVE AREA = .28 SQ MI

****
*

HYDROGRAPH AT STATION CPD

DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1500	181	64.	2		0600	361	3716.	2		2100	541	258.
1		0005	2	0.	1		1505	182	67.	2		0605	362	3649.	2		2105	542	253.
1		0010	3	0.	1		1510	183	69.	2		0610	363	3581.	2		2110	543	248.
1		0015	4	0.	1		1515	184	72.	2		0615	364	3514.	2		2115	544	244.
1		0020	5	0.	1		1520	185	75.	2		0620	365	3452.	2		2120	545	242.
1		0025	6	0.	1		1525	186	77.	2		0625	366	3390.	2		2125	546	241.
1		0030	7	0.	1		1530	187	76.	2		0630	367	3328.	2		2130	547	239.
1		0035	8	0.	1		1535	188	79.	2		0635	368	3272.	2		2135	548	235.
1		0040	9	0.	1		1540	189	84.	2		0640	369	3215.	2		2140	549	230.
1		0045	10	0.	1		1545	190	96.	2		0645	370	3158.	2		2145	550	226.
1		0050	11	0.	1		1550	191	115.	2		0650	371	3099.	2		2150	551	224.
1		0055	12	0.	1		1555	192	132.	2		0655	372	3039.	2		2155	552	222.
1		0100	13	0.	1		1600	193	150.	2		0700	373	2980.	2		2200	553	220.
1		0105	14	0.	1		1605	194	199.	2		0705	374	2933.	2		2205	554	217.
1		0110	15	0.	1		1610	195	243.	2		0710	375	2886.	2		2210	555	214.
1		0115	16	0.	1		1615	196	254.	2		0715	376	2839.	2		2215	556	210.
1		0120	17	0.	1		1620	197	254.	2		0720	377	2793.	2		2220	557	206.
1		0125	18	0.	1		1625	198	268.	2		0725	378	2748.	2		2225	558	201.
1		0130	19	0.	1		1630	199	291.	2		0730	379	2702.	2		2230	559	196.
1		0135	20	0.	1		1635	200	323.	2		0735	380	2664.	2		2235	560	192.
1		0140	21	0.	1		1640	201	355.	2		0740	381	2626.	2		2240	561	188.
1		0145	22	0.	1		1645	202	387.	2		0745	382	2588.	2		2245	562	184.
1		0150	23	0.	1		1650	203	426.	2		0750	383	2548.	2		2250	563	182.
1		0155	24	0.	1		1655	204	466.	2		0755	384	2508.	2		2255	564	180.
1		0200	25	0.	1		1700	205	504.	2		0800	385	2468.	2		2300	565	178.
1		0205	26	0.	1		1705	206	574.	2		0805	386	2432.	2		2305	566	174.
1		0210	27	0.	1		1710	207	639.	2		0810	387	2395.	2		2310	567	171.
1		0215	28	0.	1		1715	208	707.	2		0815	388	2359.	2		2315	568	168.
1		0220	29	0.	1		1720	209	738.	2		0820	389	2328.	2		2320	569	165.
1		0225	30	0.	1		1725	210	771.	2		0825	390	2298.	2		2325	570	162.
1		0230	31	0.	1		1730	211	806.	2		0830	391	2267.	2		2330	571	159.
1		0235	32	0.	1		1735	212	837.	2		0835	392	2232.	2		2335	572	157.
1		0240	33	0.	1		1740	213	868.	2		0840	393	2197.	2		2340	573	155.
1		0245	34	0.	1		1745	214	900.	2		0845	394	2162.	2		2345	574	154.
1		0250	35	0.	1		1750	215	931.	2		0850	395	2134.	2		2350	575	151.
1		0255	36	0.	1		1755	216	962.	2		0855	396	2107.	2		2355	576	148.
1		0300	37	0.	1		1800	217	993.	2		0900	397	2079.	3		0000	577	145.
1		0305	38	0.	1		1805	218	1028.	2		0905	398	2051.	3		0005	578	142.
1		0310	39	0.	1		1810	219	1064.	2		0910	399	2022.	3		0010	579	139.
1		0315	40	0.	1		1815	220	1100.	2		0915	400	1994.	3		0015	580	136.
1		0320	41	0.	1		1820	221	1128.	2		0920	401	1962.	3		0020	581	134.
1		0325	42	0.	1		1825	222	1155.	2		0925	402	1930.	3		0025	582	131.
1		0330	43	0.	1		1830	223	1182.	2		0930	403	1899.	3		0030	583	129.
1		0335	44	0.	1		1835	224	1208.	2		0935	404	1873.	3		0035	584	129.
1		0340	45	0.	1		1840	225	1234.	2		0940	405	1848.	3		0040	585	128.
1		0345	46	0.	1		1845	226	1260.	2		0945	406	1823.	3		0045	586	128.
1		0350	47	0.	1		1850	227	1287.	2		0950	407	1797.	3		0050	587	123.
1		0355	48	0.	1		1855	228	1315.	2		0955	408	1772.	3		0055	588	118.
1		0400	49	0.	1		1900	229	1342.	2		1000	409	1747.	3		0100	589	113.
1		0405	50	0.	1		1905	230	1385.	2		1005	410	1721.	3		0105	590	111.
1		0410	51	0.	1		1910	231	1427.	2		1010	411	1696.	3		0110	591	110.
1		0415	52	0.	1		1915	232	1469.	2		1015	412	1671.	3		0115	592	108.
1		0420	53	0.	1		1920	233	1502.	2		1020	413	1647.	3		0120	593	107.
1		0425	54	0.	1		1925	234	1534.	2		1025	414	1622.	3		0125	594	105.
1		0430	55	0.	1		1930	235	1566.	2		1030	415	1598.	3		0130	595	104.
1		0435	56	0.	1		1935	236	1591.	2		1035	416	1573.	3		0135	596	101.
1		0440	57	0.	1		1940	237	1616.	2		1040	417	1548.	3		0140	597	97.
1		0445	58	0.	1		1945	238	1641.	2		1045	418	1523.	3		0145	598	94.
1		0450	59	0.	1		1950	239	1717.	2		1050	419	1500.	3		0150	599	92.
1		0455	60	0.	1		1955	240	1792.	2		1055	420	1477.	3		0155	600	91.
1		0500	61	0.	1		2000	241	1867.	2		1100	421	1455.	3		0200	601	89.
1		0505	62	0.	1		2005	242	2748.	2		1105	422	1433.	3		0205	602	87.
1		0510	63	0.	1		2010	243	3629.	2		1110	423	1410.	3		0210	603	85.
1		0515	64	0.	1		2015	244	4510.	2		1115	424	1388.	3		0215	604	82.
1		0520	65	0.	1		2020	245	5693.	2		1120	425	1365.	3		0220	605	81.
1		0525	66	0.	1		2025	246	6876.	2		1125	426	1341.	3		0225	606	79.
1		0530	67	0.	1		2030	247	8058.	2		1130	427	1318.	3		0230	607	77.
1		0535	68	0.	1		2035	248	8513.	2		1135	428	1298.	3		0235	608	75.
1		0540	69	0.	1		2040	249	8967.	2		1140	429	1279.	3		0240	609	72.
1		0545	70	0.	1		2045	250	9421.	2		1145	430	1260.	3		0245	610	70.
1		0550	71	0.	1		2050	251	9858.	2		1150	431	1241.	3		0250	611	69.
1		0555	72	0.	1		2055	252	10295.	2		1155	432	1223.	3		0255	612	68.
1		0600	73	0.	1		2100	253	10732.	2		1200	433	1204.	3		0300	613	67.
1		0605	74	0.	1		2105	254	10790.	2		1205	434	1182.	3		0305	614	66.
1		0610	75	0.	1		2110	255	10677.	2		1210	435	1160.	3		0310	615	65.
1		0615	76	0.	1		2115	256	10565.	2		1215	436	1137.	3		0315	616	63.
1		0620	77	0.	1		2120	257	10389.	2		1220	437	1116.	3		0320	617	62.
1		0625	78	0.	1		2125	258	10212.	2		1225	438	1096.	3		0325	618	60.
1		0630	79	0.	1		2130	259	10036.	2		1230	439	1075.	3		0330	619	58.
1		0635	80	0.	1		2135	260	9868.	2		1235	440	1058.	3		0335	620	58.
1		0640	81	0.	1		2140	261	9699.	2		1240	441	1041.	3		0340	621	58.
1		0645	82	0.	1		2145	262	9531.	2		1245	442	1024.	3		0345	622	58.
1		0650	83	1.	1		2150	263	9362.	2		1250	443	1008.	3		0350	623	57.
1		0655	84	1.	1		2155	264	9193.	2		1255	444	991.	3		0355	624	56.
1		0700	85	1.	1		2200	265	9023.	2		1300	445	974.	3		0400	625	50.
1		0705	86	1.	1		2205	266	8864.	2		1305	446	958.	3		0405	626	49.
1		0710	87	1.	1		2210	267	8705.	2		1310	447	942.	3		0410	627	49.
1		0715	88	1.	1		2215	268	8546.	2		1315	448	926.	3		0415	628	49.
1		0720	89	1.	1		2220	269	8403.	2		1320	449	912.	3		0420	629	49.
1		0725	90	1.	1		2225	270	8260.	2		1325	450	899.	3		0425	630	50.
1		0730	91	1.	1		2230	271	8117.	2		1330	451	885.	3		0430	631	50.
1		0735	92	1.	1		2235	272	7999.	2		1335	452	871.	3		0435	632	48.
1		0740	93	1.	1		2240	273	7882.	2		1340	453	857.	3		0440	633	46.
1		0745	94	1.	1		2245	274	7764.	2		1345	454	844.	3		0445	634	44.
1		0750	95	1.	1		2250	275	7665.	2		1350	455	831.	3		0450	635	43.
1		0755	96	1.	1		2255	276	7565.	2		1355	456	818.	3		0455	636	43.
1		0800	97	1.	1		2300	277	7466.	2		1400	457	805.	3		0500	637	42.
1		0805	98	1.	1		2305	278	7382.	2		1405	458	794.	3		0505	638	42.
1		0810	99	1.	1		2310	279	7297.	2		1410	459	784.	3		0510	639	41.
1		0815	100	2.	1		2315	280	7213.	2		1415	460	773.	3		0515	640	41.
1		0820	101	2.	1		2320	281	7142.	2		1420	461	761.	3		0520	641	41.
1		0825	102	2.	1		2325	282	7070.	2		1425	462	749.	3		0525	642	40.
1		0830	103	2.	1		2330	283	6999.	2		1430	463	737.	3		0530	643	40.

1	0835	104	2.	1	2335	284	6936.	2	1435	464	726.	3	0535	644	39.
1	0840	105	2.	1	2340	285	6874.	2	1440	465	715.	3	0540	645	37.
1	0845	106	2.	1	2345	286	6811.	2	1445	466	704.	3	0545	646	36.
1	0850	107	2.	1	2350	287	6757.	2	1450	467	695.	3	0550	647	36.
1	0855	108	2.	1	2355	288	6702.	2	1455	468	686.	3	0555	648	36.
1	0900	109	2.	2	0000	289	6648.	2	1500	469	677.	3	0600	649	35.
1	0905	110	2.	2	0005	290	6592.	2	1505	470	669.	3	0605	650	35.
1	0910	111	2.	2	0010	291	6536.	2	1510	471	661.	3	0610	651	34.
1	0915	112	2.	2	0015	292	6478.	2	1515	472	652.	3	0615	652	34.
1	0920	113	2.	2	0020	293	6427.	2	1520	473	643.	3	0620	653	33.
1	0925	114	2.	2	0025	294	6378.	2	1525	474	633.	3	0625	654	32.
1	0930	115	2.	2	0030	295	6328.	2	1530	475	624.	3	0630	655	31.
1	0935	116	2.	2	0035	296	6287.	2	1535	476	616.	3	0635	656	30.
1	0940	117	2.	2	0040	297	6246.	2	1540	477	609.	3	0640	657	30.
1	0945	118	2.	2	0045	298	6205.	2	1545	478	602.	3	0645	658	29.
1	0950	119	3.	2	0050	299	6168.	2	1550	479	591.	3	0650	659	28.
1	0955	120	3.	2	0055	300	6131.	2	1555	480	580.	3	0655	660	27.
1	1000	121	3.	2	0100	301	6094.	2	1600	481	570.	3	0700	661	26.
1	1005	122	3.	2	0105	302	6056.	2	1605	482	564.	3	0705	662	26.
1	1010	123	3.	2	0110	303	6019.	2	1610	483	557.	3	0710	663	25.
1	1015	124	3.	2	0115	304	5981.	2	1615	484	551.	3	0715	664	24.
1	1020	125	3.	2	0120	305	5950.	2	1620	485	546.	3	0720	665	24.
1	1025	126	3.	2	0125	306	5918.	2	1625	486	541.	3	0725	666	24.
1	1030	127	3.	2	0130	307	5887.	2	1630	487	535.	3	0730	667	24.
1	1035	128	3.	2	0135	308	5860.	2	1635	488	527.	3	0735	668	23.
1	1040	129	3.	2	0140	309	5833.	2	1640	489	518.	3	0740	669	22.
1	1045	130	3.	2	0145	310	5806.	2	1645	490	510.	3	0745	670	21.
1	1050	131	3.	2	0150	311	5779.	2	1650	491	503.	3	0750	671	22.
1	1055	132	3.	2	0155	312	5753.	2	1655	492	497.	3	0755	672	22.
1	1100	133	3.	2	0200	313	5727.	2	1700	493	491.	3	0800	673	22.
1	1105	134	3.	2	0205	314	5702.	2	1705	494	483.	3	0805	674	22.
1	1110	135	3.	2	0210	315	5678.	2	1710	495	475.	3	0810	675	21.
1	1115	136	3.	2	0215	316	5653.	2	1715	496	467.	3	0815	676	21.
1	1120	137	3.	2	0220	317	5633.	2	1720	497	459.	3	0820	677	20.
1	1125	138	3.	2	0225	318	5612.	2	1725	498	451.	3	0825	678	19.
1	1130	139	3.	2	0230	319	5591.	2	1730	499	444.	3	0830	679	18.
1	1135	140	3.	2	0235	320	5571.	2	1735	500	436.	3	0835	680	18.
1	1140	141	4.	2	0240	321	5551.	2	1740	501	428.	3	0840	681	19.
1	1145	142	4.	2	0245	322	5531.	2	1745	502	420.	3	0845	682	20.
1	1150	143	4.	2	0250	323	5509.	2	1750	503	415.	3	0850	683	18.
1	1155	144	4.	2	0255	324	5487.	2	1755	504	411.	3	0855	684	17.
1	1200	145	4.	2	0300	325	5465.	2	1800	505	406.	3	0900	685	16.
1	1205	146	4.	2	0305	326	5445.	2	1805	506	399.	3	0905	686	15.
1	1210	147	4.	2	0310	327	5424.	2	1810	507	393.	3	0910	687	14.
1	1215	148	3.	2	0315	328	5403.	2	1815	508	387.	3	0915	688	14.
1	1220	149	3.	2	0320	329	5383.	2	1820	509	381.	3	0920	689	14.
1	1225	150	3.	2	0325	330	5364.	2	1825	510	375.	3	0925	690	14.
1	1230	151	3.	2	0330	331	5344.	2	1830	511	370.	3	0930	691	14.
1	1235	152	3.	2	0335	332	5317.	2	1835	512	364.	3	0935	692	14.
1	1240	153	3.	2	0340	333	5290.	2	1840	513	358.	3	0940	693	13.
1	1245	154	3.	2	0345	334	5263.	2	1845	514	352.	3	0945	694	12.
1	1250	155	3.	2	0350	335	5231.	2	1850	515	348.	3	0950	695	11.
1	1255	156	3.	2	0355	336	5199.	2	1855	516	344.	3	0955	696	11.
1	1300	157	3.	2	0400	337	5166.	2	1900	517	340.	3	1000	697	10.
1	1305	158	4.	2	0405	338	5126.	2	1905	518	335.	3	1005	698	10.
1	1310	159	5.	2	0410	339	5085.	2	1910	519	330.	3	1010	699	11.
1	1315	160	6.	2	0415	340	5045.	2	1915	520	325.	3	1015	700	11.
1	1320	161	7.	2	0420	341	4995.	2	1920	521	321.	3	1020	701	10.
1	1325	162	8.	2	0425	342	4945.	2	1925	522	317.	3	1025	702	9.
1	1330	163	8.	2	0430	343	4895.	2	1930	523	313.	3	1030	703	8.
1	1335	164	9.	2	0435	344	4843.	2	1935	524	310.	3	1035	704	8.
1	1340	165	9.	2	0440	345	4790.	2	1940	525	307.	3	1040	705	7.
1	1345	166	9.	2	0445	346	4738.	2	1945	526	305.	3	1045	706	7.
1	1350	167	12.	2	0450	347	4674.	2	1950	527	302.	3	1050	707	6.
1	1355	168	14.	2	0455	348	4611.	2	1955	528	300.	3	1055	708	4.
1	1400	169	17.	2	0500	349	4548.	2	2000	529	297.	3	1100	709	3.
1	1405	170	24.	2	0505	350	4480.	2	2005	530	293.	3	1105	710	3.
1	1410	171	33.	2	0510	351	4412.	2	2010	531	289.	3	1110	711	2.
1	1415	172	41.	2	0515	352	4345.	2	2015	532	285.	3	1115	712	2.
1	1420	173	45.	2	0520	353	4274.	2	2020	533	281.	3	1120	713	2.
1	1425	174	48.	2	0525	354	4204.	2	2025	534	278.	3	1125	714	1.
1	1430	175	50.	2	0530	355	4134.	2	2030	535	274.	3	1130	715	1.
1	1435	176	52.	2	0535	356	4063.	2	2035	536	271.	3	1135	716	1.
1	1440	177	54.	2	0540	357	3992.	2	2040	537	268.	3	1140	717	1.
1	1445	178	56.	2	0545	358	3921.	2	2045	538	265.	3	1145	718	1.
1	1450	179	59.	2	0550	359	3852.	2	2050	539	262.	3	1150	719	1.
1	1455	180	61.	2	0555	360	3784.	2	2055	540	260.	3	1155	720	1.

****
*

PEAK FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	59.92-HR
+ 10790.	21.08	(CFS)	7531.	3542.	1469.	1469.
		(INCHES)	250.084	470.431	487.174	487.174
		(AC-FT)	3735.	7025.	7275.	7275.

CUMULATIVE AREA = .28 SQ MI

****
*

HYDROGRAPH AT STATION CPD
SUM OF 2 HYDROGRAPHS
PLAN 1, RATIO = .96

****
*

DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1500	181	63.	2		0600	361	3716.	2		2100	541	258.
1		0005	2	0.	1		1505	182	66.	2		0605	362	3649.	2		2105	542	253.
1		0010	3	0.	1		1510	183	69.	2		0610	363	3581.	2		2110	543	248.
1		0015	4	0.	1		1515	184	72.	2		0615	364	3514.	2		2115	544	244.
1		0020	5	0.	1		1520	185	75.	2		0620	365	3452.	2		2120	545	242.

1	0025	6	0.	*	1	1525	186	76.	*	2	0625	366	3390.	*	2	2125	546	241.
1	0030	7	0.	*	1	1530	187	75.	*	2	0630	367	3328.	*	2	2130	547	239.
1	0035	8	0.	*	1	1535	188	78.	*	2	0635	368	3272.	*	2	2135	548	235.
1	0040	9	0.	*	1	1540	189	84.	*	2	0640	369	3215.	*	2	2140	549	230.
1	0045	10	0.	*	1	1545	190	95.	*	2	0645	370	3158.	*	2	2145	550	226.
1	0050	11	0.	*	1	1550	191	114.	*	2	0650	371	3099.	*	2	2150	551	224.
1	0055	12	0.	*	1	1555	192	131.	*	2	0655	372	3039.	*	2	2155	552	222.
1	0100	13	0.	*	1	1600	193	149.	*	2	0700	373	2980.	*	2	2200	553	220.
1	0105	14	0.	*	1	1605	194	198.	*	2	0705	374	2933.	*	2	2205	554	217.
1	0110	15	0.	*	1	1610	195	241.	*	2	0710	375	2886.	*	2	2210	555	214.
1	0115	16	0.	*	1	1615	196	253.	*	2	0715	376	2839.	*	2	2215	556	210.
1	0120	17	0.	*	1	1620	197	253.	*	2	0720	377	2793.	*	2	2220	557	206.
1	0125	18	0.	*	1	1625	198	267.	*	2	0725	378	2748.	*	2	2225	558	201.
1	0130	19	0.	*	1	1630	199	290.	*	2	0730	379	2702.	*	2	2230	559	196.
1	0135	20	0.	*	1	1635	200	322.	*	2	0735	380	2664.	*	2	2235	560	192.
1	0140	21	0.	*	1	1640	201	354.	*	2	0740	381	2626.	*	2	2240	561	188.
1	0145	22	0.	*	1	1645	202	386.	*	2	0745	382	2588.	*	2	2245	562	184.
1	0150	23	0.	*	1	1650	203	425.	*	2	0750	383	2548.	*	2	2250	563	182.
1	0155	24	0.	*	1	1655	204	465.	*	2	0755	384	2508.	*	2	2255	564	180.
1	0200	25	0.	*	1	1700	205	503.	*	2	0800	385	2468.	*	2	2300	565	178.
1	0205	26	0.	*	1	1705	206	573.	*	2	0805	386	2432.	*	2	2305	566	174.
1	0210	27	0.	*	1	1710	207	638.	*	2	0810	387	2395.	*	2	2310	567	171.
1	0215	28	0.	*	1	1715	208	707.	*	2	0815	388	2359.	*	2	2315	568	168.
1	0220	29	0.	*	1	1720	209	738.	*	2	0820	389	2328.	*	2	2320	569	165.
1	0225	30	0.	*	1	1725	210	771.	*	2	0825	390	2298.	*	2	2325	570	162.
1	0230	31	0.	*	1	1730	211	805.	*	2	0830	391	2267.	*	2	2330	571	159.
1	0235	32	0.	*	1	1735	212	836.	*	2	0835	392	2232.	*	2	2335	572	157.
1	0240	33	0.	*	1	1740	213	868.	*	2	0840	393	2197.	*	2	2340	573	155.
1	0245	34	0.	*	1	1745	214	899.	*	2	0845	394	2162.	*	2	2345	574	154.
1	0250	35	0.	*	1	1750	215	930.	*	2	0850	395	2134.	*	2	2350	575	151.
1	0255	36	0.	*	1	1755	216	962.	*	2	0855	396	2107.	*	2	2355	576	148.
1	0300	37	0.	*	1	1800	217	993.	*	2	0900	397	2079.	*	3	0000	577	145.
1	0305	38	0.	*	1	1805	218	1028.	*	2	0905	398	2051.	*	3	0005	578	142.
1	0310	39	0.	*	1	1810	219	1064.	*	2	0910	399	2022.	*	3	0010	579	139.
1	0315	40	0.	*	1	1815	220	1100.	*	2	0915	400	1994.	*	3	0015	580	136.
1	0320	41	0.	*	1	1820	221	1127.	*	2	0920	401	1962.	*	3	0020	581	134.
1	0325	42	0.	*	1	1825	222	1155.	*	2	0925	402	1930.	*	3	0025	582	131.
1	0330	43	0.	*	1	1830	223	1182.	*	2	0930	403	1899.	*	3	0030	583	129.
1	0335	44	0.	*	1	1835	224	1208.	*	2	0935	404	1873.	*	3	0035	584	129.
1	0340	45	0.	*	1	1840	225	1234.	*	2	0940	405	1848.	*	3	0040	585	128.
1	0345	46	0.	*	1	1845	226	1260.	*	2	0945	406	1823.	*	3	0045	586	128.
1	0350	47	0.	*	1	1850	227	1287.	*	2	0950	407	1797.	*	3	0050	587	123.
1	0355	48	0.	*	1	1855	228	1315.	*	2	0955	408	1772.	*	3	0055	588	118.
1	0400	49	0.	*	1	1900	229	1342.	*	2	1000	409	1747.	*	3	0100	589	113.
1	0405	50	0.	*	1	1905	230	1384.	*	2	1005	410	1721.	*	3	0105	590	111.
1	0410	51	0.	*	1	1910	231	1427.	*	2	1010	411	1696.	*	3	0110	591	110.
1	0415	52	0.	*	1	1915	232	1469.	*	2	1015	412	1671.	*	3	0115	592	108.
1	0420	53	0.	*	1	1920	233	1501.	*	2	1020	413	1647.	*	3	0120	593	107.
1	0425	54	0.	*	1	1925	234	1534.	*	2	1025	414	1622.	*	3	0125	594	105.
1	0430	55	0.	*	1	1930	235	1566.	*	2	1030	415	1598.	*	3	0130	595	104.
1	0435	56	0.	*	1	1935	236	1591.	*	2	1035	416	1573.	*	3	0135	596	101.
1	0440	57	0.	*	1	1940	237	1616.	*	2	1040	417	1548.	*	3	0140	597	97.
1	0445	58	0.	*	1	1945	238	1641.	*	2	1045	418	1523.	*	3	0145	598	94.
1	0450	59	0.	*	1	1950	239	1717.	*	2	1050	419	1500.	*	3	0150	599	92.
1	0455	60	0.	*	1	1955	240	1792.	*	2	1055	420	1477.	*	3	0155	600	91.
1	0500	61	0.	*	1	2000	241	1867.	*	2	1100	421	1455.	*	3	0200	601	89.
1	0505	62	0.	*	1	2005	242	2748.	*	2	1105	422	1433.	*	3	0205	602	87.
1	0510	63	0.	*	1	2010	243	3629.	*	2	1110	423	1410.	*	3	0210	603	85.
1	0515	64	0.	*	1	2015	244	4510.	*	2	1115	424	1388.	*	3	0215	604	82.
1	0520	65	0.	*	1	2020	245	5693.	*	2	1120	425	1365.	*	3	0220	605	81.
1	0525	66	0.	*	1	2025	246	6875.	*	2	1125	426	1341.	*	3	0225	606	79.
1	0530	67	0.	*	1	2030	247	8058.	*	2	1130	427	1318.	*	3	0230	607	77.
1	0535	68	0.	*	1	2035	248	8513.	*	2	1135	428	1298.	*	3	0235	608	75.
1	0540	69	0.	*	1	2040	249	8967.	*	2	1140	429	1279.	*	3	0240	609	72.
1	0545	70	0.	*	1	2045	250	9421.	*	2	1145	430	1260.	*	3	0245	610	70.
1	0550	71	0.	*	1	2050	251	9858.	*	2	1150	431	1241.	*	3	0250	611	69.
1	0555	72	0.	*	1	2055	252	10295.	*	2	1155	432	1223.	*	3	0255	612	68.
1	0600	73	0.	*	1	2100	253	10732.	*	2	1200	433	1204.	*	3	0300	613	67.
1	0605	74	0.	*	1	2105	254	10790.	*	2	1205	434	1182.	*	3	0305	614	66.
1	0610	75	0.	*	1	2110	255	10677.	*	2	1210	435	1160.	*	3	0310	615	65.
1	0615	76	0.	*	1	2115	256	10565.	*	2	1215	436	1137.	*	3	0315	616	63.
1	0620	77	0.	*	1	2120	257	10388.	*	2	1220	437	1116.	*	3	0320	617	62.
1	0625	78	0.	*	1	2125	258	10212.	*	2	1225	438	1096.	*	3	0325	618	60.
1	0630	79	0.	*	1	2130	259	10036.	*	2	1230	439	1075.	*	3	0330	619	58.
1	0635	80	0.	*	1	2135	260	9868.	*	2	1235	440	1058.	*	3	0335	620	58.
1	0640	81	0.	*	1	2140	261	9699.	*	2	1240	441	1041.	*	3	0340	621	58.
1	0645	82	0.	*	1	2145	262	9531.	*	2	1245	442	1024.	*	3	0345	622	58.
1	0650	83	0.	*	1	2150	263	9362.	*	2	1250	443	1008.	*	3	0350	623	57.
1	0655	84	1.	*	1	2155	264	9192.	*	2	1255	444	991.	*	3	0355	624	56.
1	0700	85	1.	*	1	2200	265	9023.	*	2	1300	445	974.	*	3	0400	625	50.
1	0705	86	1.	*	1	2205	266	8864.	*	2	1305	446	958.	*	3	0405	626	49.
1	0710	87	1.	*	1	2210	267	8705.	*	2	1310	447	942.	*	3	0410	627	49.
1	0715	88	1.	*	1	2215	268	8546.	*	2	1315	448	926.	*	3	0415	628	49.
1	0720	89	1.	*	1	2220	269	8403.	*	2	1320	449	912.	*	3	0420	629	49.
1	0725	90	1.	*	1	2225	270	8260.	*	2	1325	450	899.	*	3	0425	630	50.
1	0730	91	1.	*	1	2230	271	8117.	*	2	1330	451	885.	*	3	0430	631	50.
1	0735	92	1.	*	1	2235	272	7999.	*	2	1335	452	871.	*	3	0435	632	48.
1	0740	93	1.	*	1	2240	273	7881.	*	2	1340	453	857.	*	3	0440	633	46.
1	0745	94	1.	*	1	2245	274	7764.	*	2	1345	454	844.	*	3	0445	634	44.
1	0750	95	1.	*	1	2250	275	7664.	*	2	1350	455	831.	*	3	0450	635	43.
1	0755	96	1.	*	1	2255	276	7565.	*	2	1355	456	818.	*	3	0455	636	43.
1	0800	97	1.	*	1	2300	277	7466.	*	2	1400	457	805.	*	3	0500	637	42.
1	0805	98	1.	*	1	2305	278	7382.	*	2	1405	458	794.	*	3	0505	638	42.
1	0810	99	1.	*	1	2310	279	7297.	*	2	1410	459	784.	*	3	0510	639	41.
1	0815	100	1.	*	1	2315	280	7213.	*	2	1415	460	773.	*	3	0515	640	41.
1	0820	101	2.	*	1	2320	281	7142.	*	2	1420	461	761.	*	3	0520	641	41.
1	0825	102	2.	*	1	2325	282	7070.	*	2	1425	462	749.	*	3	0525	642	40.
1	0830	103	2.	*	1	2330	283	6998.	*	2	1430	463	737.	*	3	0530	643	40.
1	0835	104	2.	*	1	2335	284	6936.	*	2	1435	464	726.	*	3	0535	644	39.
1	0840	105	2.	*	1	2340	285	6873.	*	2	1440	465	715.	*	3	0540	645	37.
1	0845	106	2.	*	1	2345	286	6811.	*	2	1445	466	704.	*	3	0545	646	36.
1	0850	107	2.	*	1	2350	287	6756.	*	2	1450	467	695.	*	3	0550	647	36.
1	0855	108	2.	*	1	2355	288	6702.	*	2	1455	468	686.	*	3	0555	648	36.
1	0900	109	2.	*	2	0000	289	6647.	*	2	1500	469	677.	*	3	0600	649	35.
1	0905	110	2.	*	2	0005	290	6592.	*	2	1505	470	669.	*	3	0605	650	35.
1	0910	111	2.	*	2	0010	291	6536.	*	2	1510	471	661.	*	3	0610	651	34.
1	0915	112	2.	*	2	0015	292	6478.	*	2	1515	472	652.	*	3	0615	652	34.
1	0920	113	2.	*	2	0020	293	6427.	*	2	1520	473	643.	*	3	0620	653	33.
1	0925	114	2.	*	2	0025	294	6378.	*	2	1525	474	633.	*	3	0625	654	32.
1	0930	115	2.	*	2	0030	295	6328.	*	2	1530	475	624.	*	3	0630	655	31.
1	0935	116	2.	*	2	0035	296	6287.	*	2	1535	476	616.	*	3	0635	656	30.
1	0940	117	2.	*	2	0040	297	6246.	*	2	1540	477	609.	*	3	0640	657	30.

1	0945	118	2.	*	2	0045	298	6205.	*	2	1545	478	602.	*	3	0645	658	29.
1	0950	119	2.	*	2	0050	299	6168.	*	2	1550	479	591.	*	3	0650	659	28.
1	0955	120	3.	*	2	0055	300	6131.	*	2	1555	480	580.	*	3	0655	660	27.
1	1000	121	3.	*	2	0100	301	6094.	*	2	1600	481	570.	*	3	0700	661	26.
1	1005	122	3.	*	2	0105	302	6056.	*	2	1605	482	564.	*	3	0705	662	26.
1	1010	123	3.	*	2	0110	303	6018.	*	2	1610	483	557.	*	3	0710	663	25.
1	1015	124	3.	*	2	0115	304	5981.	*	2	1615	484	551.	*	3	0715	664	24.
1	1020	125	3.	*	2	0120	305	5950.	*	2	1620	485	546.	*	3	0720	665	24.
1	1025	126	3.	*	2	0125	306	5918.	*	2	1625	486	541.	*	3	0725	666	24.
1	1030	127	3.	*	2	0130	307	5887.	*	2	1630	487	535.	*	3	0730	667	24.
1	1035	128	3.	*	2	0135	308	5860.	*	2	1635	488	527.	*	3	0735	668	23.
1	1040	129	3.	*	2	0140	309	5833.	*	2	1640	489	518.	*	3	0740	669	22.
1	1045	130	3.	*	2	0145	310	5806.	*	2	1645	490	510.	*	3	0745	670	21.
1	1050	131	3.	*	2	0150	311	5779.	*	2	1650	491	503.	*	3	0750	671	22.
1	1055	132	3.	*	2	0155	312	5753.	*	2	1655	492	497.	*	3	0755	672	22.
1	1100	133	3.	*	2	0200	313	5727.	*	2	1700	493	491.	*	3	0800	673	22.
1	1105	134	3.	*	2	0205	314	5702.	*	2	1705	494	483.	*	3	0805	674	22.
1	1110	135	3.	*	2	0210	315	5678.	*	2	1710	495	475.	*	3	0810	675	21.
1	1115	136	3.	*	2	0215	316	5653.	*	2	1715	496	467.	*	3	0815	676	21.
1	1120	137	3.	*	2	0220	317	5633.	*	2	1720	497	459.	*	3	0820	677	20.
1	1125	138	3.	*	2	0225	318	5612.	*	2	1725	498	451.	*	3	0825	678	19.
1	1130	139	3.	*	2	0230	319	5591.	*	2	1730	499	444.	*	3	0830	679	18.
1	1135	140	3.	*	2	0235	320	5571.	*	2	1735	500	436.	*	3	0835	680	18.
1	1140	141	3.	*	2	0240	321	5551.	*	2	1740	501	428.	*	3	0840	681	19.
1	1145	142	3.	*	2	0245	322	5531.	*	2	1745	502	420.	*	3	0845	682	20.
1	1150	143	4.	*	2	0250	323	5509.	*	2	1750	503	415.	*	3	0850	683	18.
1	1155	144	4.	*	2	0255	324	5487.	*	2	1755	504	411.	*	3	0855	684	17.
1	1200	145	4.	*	2	0300	325	5465.	*	2	1800	505	406.	*	3	0900	685	16.
1	1205	146	4.	*	2	0305	326	5445.	*	2	1805	506	399.	*	3	0905	686	15.
1	1210	147	3.	*	2	0310	327	5424.	*	2	1810	507	393.	*	3	0910	687	14.
1	1215	148	3.	*	2	0315	328	5403.	*	2	1815	508	387.	*	3	0915	688	14.
1	1220	149	3.	*	2	0320	329	5383.	*	2	1820	509	381.	*	3	0920	689	14.
1	1225	150	3.	*	2	0325	330	5364.	*	2	1825	510	375.	*	3	0925	690	14.
1	1230	151	3.	*	2	0330	331	5344.	*	2	1830	511	370.	*	3	0930	691	14.
1	1235	152	3.	*	2	0335	332	5317.	*	2	1835	512	364.	*	3	0935	692	14.
1	1240	153	3.	*	2	0340	333	5290.	*	2	1840	513	358.	*	3	0940	693	13.
1	1245	154	3.	*	2	0345	334	5263.	*	2	1845	514	352.	*	3	0945	694	12.
1	1250	155	3.	*	2	0350	335	5231.	*	2	1850	515	348.	*	3	0950	695	11.
1	1255	156	3.	*	2	0355	336	5199.	*	2	1855	516	344.	*	3	0955	696	11.
1	1300	157	3.	*	2	0400	337	5166.	*	2	1900	517	340.	*	3	1000	697	10.
1	1305	158	4.	*	2	0405	338	5126.	*	2	1905	518	335.	*	3	1005	698	10.
1	1310	159	5.	*	2	0410	339	5085.	*	2	1910	519	330.	*	3	1010	699	11.
1	1315	160	6.	*	2	0415	340	5045.	*	2	1915	520	325.	*	3	1015	700	11.
1	1320	161	7.	*	2	0420	341	4995.	*	2	1920	521	321.	*	3	1020	701	10.
1	1325	162	8.	*	2	0425	342	4945.	*	2	1925	522	317.	*	3	1025	702	9.
1	1330	163	8.	*	2	0430	343	4895.	*	2	1930	523	313.	*	3	1030	703	8.
1	1335	164	8.	*	2	0435	344	4843.	*	2	1935	524	310.	*	3	1035	704	8.
1	1340	165	9.	*	2	0440	345	4790.	*	2	1940	525	307.	*	3	1040	705	7.
1	1345	166	9.	*	2	0445	346	4738.	*	2	1945	526	305.	*	3	1045	706	7.
1	1350	167	11.	*	2	0450	347	4674.	*	2	1950	527	302.	*	3	1050	707	6.
1	1355	168	14.	*	2	0455	348	4611.	*	2	1955	528	300.	*	3	1055	708	4.
1	1400	169	17.	*	2	0500	349	4548.	*	2	2000	529	297.	*	3	1100	709	3.
1	1405	170	23.	*	2	0505	350	4480.	*	2	2005	530	293.	*	3	1105	710	3.
1	1410	171	33.	*	2	0510	351	4412.	*	2	2010	531	289.	*	3	1110	711	2.
1	1415	172	41.	*	2	0515	352	4345.	*	2	2015	532	285.	*	3	1115	712	2.
1	1420	173	44.	*	2	0520	353	4274.	*	2	2020	533	281.	*	3	1120	713	2.
1	1425	174	47.	*	2	0525	354	4204.	*	2	2025	534	278.	*	3	1125	714	1.
1	1430	175	50.	*	2	0530	355	4134.	*	2	2030	535	274.	*	3	1130	715	1.
1	1435	176	52.	*	2	0535	356	4063.	*	2	2035	536	271.	*	3	1135	716	1.
1	1440	177	54.	*	2	0540	357	3992.	*	2	2040	537	268.	*	3	1140	717	1.
1	1445	178	56.	*	2	0545	358	3921.	*	2	2045	538	265.	*	3	1145	718	1.
1	1450	179	58.	*	2	0550	359	3852.	*	2	2050	539	262.	*	3	1150	719	1.
1	1455	180	61.	*	2	0555	360	3784.	*	2	2055	540	260.	*	3	1155	720	1.

****
*

PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	59.92-HR
+ (CFS)	(HR)					
		(CFS)				
+ 10790.	21.08		7531.	3542.	1469.	1469.
		(INCHES)	250.082	470.424	487.151	487.151
		(AC-FT)	3735.	7025.	7275.	7275.

CUMULATIVE AREA = .28 SQ MI

****
*

HYDROGRAPH AT STATION CPD
SUM OF 2 HYDROGRAPHS
PLAN 1, RATIO = .95

****
*

DA MON	HRMN	ORD	FLOW	*	DA MON	HRMN	ORD	FLOW	*	DA MON	HRMN	ORD	FLOW	*	DA MON	HRMN	ORD	FLOW
1	0000	1	0.	*	1	1500	181	63.	*	2	0600	361	3716.	*	2	2100	541	258.
1	0005	2	0.	*	1	1505	182	65.	*	2	0605	362	3649.	*	2	2105	542	253.
1	0010	3	0.	*	1	1510	183	68.	*	2	0610	363	3581.	*	2	2110	543	248.
1	0015	4	0.	*	1	1515	184	71.	*	2	0615	364	3514.	*	2	2115	544	244.
1	0020	5	0.	*	1	1520	185	74.	*	2	0620	365	3452.	*	2	2120	545	242.
1	0025	6	0.	*	1	1525	186	75.	*	2	0625	366	3390.	*	2	2125	546	241.
1	0030	7	0.	*	1	1530	187	75.	*	2	0630	367	3328.	*	2	2130	547	239.
1	0035	8	0.	*	1	1535	188	77.	*	2	0635	368	3272.	*	2	2135	548	235.
1	0040	9	0.	*	1	1540	189	83.	*	2	0640	369	3215.	*	2	2140	549	230.
1	0045	10	0.	*	1	1545	190	94.	*	2	0645	370	3158.	*	2	2145	550	226.
1	0050	11	0.	*	1	1550	191	114.	*	2	0650	371	3099.	*	2	2150	551	224.
1	0055	12	0.	*	1	1555	192	130.	*	2	0655	372	3039.	*	2	2155	552	222.
1	0100	13	0.	*	1	1600	193	148.	*	2	0700	373	2980.	*	2	2200	553	220.
1	0105	14	0.	*	1	1605	194	196.	*	2	0705	374	2933.	*	2	2205	554	217.
1	0110	15	0.	*	1	1610	195	240.	*	2	0710	375	2886.	*	2	2210	555	214.
1	0115	16	0.	*	1	1615	196	251.	*	2	0715	376	2839.	*	2	2215	556	210.
1	0120	17	0.	*	1	1620	197	252.	*	2	0720	377	2793.	*	2	2220	557	206.
1	0125	18	0.	*	1	1625	198	266.	*	2	0725	378	2748.	*	2	2225	558	201.
1	0130	19	0.	*	1	1630	199	289.	*	2	0730	379	2702.	*	2	2230	559	196.

1	0135	20	0.	*	1	1635	200	321.	*	2	0735	380	2664.	*	2	2235	560	192.
1	0140	21	0.	*	1	1640	201	353.	*	2	0740	381	2626.	*	2	2240	561	188.
1	0145	22	0.	*	1	1645	202	385.	*	2	0745	382	2588.	*	2	2245	562	184.
1	0150	23	0.	*	1	1650	203	425.	*	2	0750	383	2548.	*	2	2250	563	182.
1	0155	24	0.	*	1	1655	204	464.	*	2	0755	384	2508.	*	2	2255	564	180.
1	0200	25	0.	*	1	1700	205	502.	*	2	0800	385	2468.	*	2	2300	565	178.
1	0205	26	0.	*	1	1705	206	573.	*	2	0805	386	2432.	*	2	2305	566	174.
1	0210	27	0.	*	1	1710	207	638.	*	2	0810	387	2395.	*	2	2310	567	171.
1	0215	28	0.	*	1	1715	208	706.	*	2	0815	388	2359.	*	2	2315	568	168.
1	0220	29	0.	*	1	1720	209	738.	*	2	0820	389	2328.	*	2	2320	569	165.
1	0225	30	0.	*	1	1725	210	771.	*	2	0825	390	2298.	*	2	2325	570	162.
1	0230	31	0.	*	1	1730	211	805.	*	2	0830	391	2267.	*	2	2330	571	159.
1	0235	32	0.	*	1	1735	212	836.	*	2	0835	392	2232.	*	2	2335	572	157.
1	0240	33	0.	*	1	1740	213	868.	*	2	0840	393	2197.	*	2	2340	573	155.
1	0245	34	0.	*	1	1745	214	899.	*	2	0845	394	2162.	*	2	2345	574	154.
1	0250	35	0.	*	1	1750	215	930.	*	2	0850	395	2134.	*	2	2350	575	151.
1	0255	36	0.	*	1	1755	216	962.	*	2	0855	396	2107.	*	2	2355	576	148.
1	0300	37	0.	*	1	1800	217	993.	*	2	0900	397	2079.	*	3	0000	577	145.
1	0305	38	0.	*	1	1805	218	1028.	*	2	0905	398	2051.	*	3	0005	578	142.
1	0310	39	0.	*	1	1810	219	1064.	*	2	0910	399	2022.	*	3	0010	579	139.
1	0315	40	0.	*	1	1815	220	1100.	*	2	0915	400	1994.	*	3	0015	580	136.
1	0320	41	0.	*	1	1820	221	1127.	*	2	0920	401	1962.	*	3	0020	581	134.
1	0325	42	0.	*	1	1825	222	1155.	*	2	0925	402	1930.	*	3	0025	582	131.
1	0330	43	0.	*	1	1830	223	1182.	*	2	0930	403	1899.	*	3	0030	583	129.
1	0335	44	0.	*	1	1835	224	1208.	*	2	0935	404	1873.	*	3	0035	584	129.
1	0340	45	0.	*	1	1840	225	1234.	*	2	0940	405	1848.	*	3	0040	585	128.
1	0345	46	0.	*	1	1845	226	1260.	*	2	0945	406	1823.	*	3	0045	586	128.
1	0350	47	0.	*	1	1850	227	1287.	*	2	0950	407	1797.	*	3	0050	587	123.
1	0355	48	0.	*	1	1855	228	1315.	*	2	0955	408	1772.	*	3	0055	588	118.
1	0400	49	0.	*	1	1900	229	1342.	*	2	1000	409	1747.	*	3	0100	589	113.
1	0405	50	0.	*	1	1905	230	1384.	*	2	1005	410	1721.	*	3	0105	590	111.
1	0410	51	0.	*	1	1910	231	1427.	*	2	1010	411	1696.	*	3	0110	591	110.
1	0415	52	0.	*	1	1915	232	1469.	*	2	1015	412	1671.	*	3	0115	592	108.
1	0420	53	0.	*	1	1920	233	1501.	*	2	1020	413	1647.	*	3	0120	593	107.
1	0425	54	0.	*	1	1925	234	1534.	*	2	1025	414	1622.	*	3	0125	594	105.
1	0430	55	0.	*	1	1930	235	1566.	*	2	1030	415	1598.	*	3	0130	595	104.
1	0435	56	0.	*	1	1935	236	1591.	*	2	1035	416	1573.	*	3	0135	596	101.
1	0440	57	0.	*	1	1940	237	1616.	*	2	1040	417	1548.	*	3	0140	597	97.
1	0445	58	0.	*	1	1945	238	1641.	*	2	1045	418	1523.	*	3	0145	598	94.
1	0450	59	0.	*	1	1950	239	1716.	*	2	1050	419	1500.	*	3	0150	599	92.
1	0455	60	0.	*	1	1955	240	1792.	*	2	1055	420	1477.	*	3	0155	600	91.
1	0500	61	0.	*	1	2000	241	1867.	*	2	1100	421	1455.	*	3	0200	601	89.
1	0505	62	0.	*	1	2005	242	2748.	*	2	1105	422	1433.	*	3	0205	602	87.
1	0510	63	0.	*	1	2010	243	3629.	*	2	1110	423	1410.	*	3	0210	603	85.
1	0515	64	0.	*	1	2015	244	4510.	*	2	1115	424	1388.	*	3	0215	604	82.
1	0520	65	0.	*	1	2020	245	5692.	*	2	1120	425	1365.	*	3	0220	605	81.
1	0525	66	0.	*	1	2025	246	6875.	*	2	1125	426	1341.	*	3	0225	606	79.
1	0530	67	0.	*	1	2030	247	8058.	*	2	1130	427	1318.	*	3	0230	607	77.
1	0535	68	0.	*	1	2035	248	8512.	*	2	1135	428	1298.	*	3	0235	608	75.
1	0540	69	0.	*	1	2040	249	8967.	*	2	1140	429	1279.	*	3	0240	609	72.
1	0545	70	0.	*	1	2045	250	9421.	*	2	1145	430	1260.	*	3	0245	610	70.
1	0550	71	0.	*	1	2050	251	9858.	*	2	1150	431	1241.	*	3	0250	611	69.
1	0555	72	0.	*	1	2055	252	10295.	*	2	1155	432	1223.	*	3	0255	612	68.
1	0600	73	0.	*	1	2100	253	10732.	*	2	1200	433	1204.	*	3	0300	613	67.
1	0605	74	0.	*	1	2105	254	10789.	*	2	1205	434	1182.	*	3	0305	614	66.
1	0610	75	0.	*	1	2110	255	10677.	*	2	1210	435	1160.	*	3	0310	615	65.
1	0615	76	0.	*	1	2115	256	10565.	*	2	1215	436	1137.	*	3	0315	616	63.
1	0620	77	0.	*	1	2120	257	10388.	*	2	1220	437	1116.	*	3	0320	617	62.
1	0625	78	0.	*	1	2125	258	10212.	*	2	1225	438	1096.	*	3	0325	618	60.
1	0630	79	0.	*	1	2130	259	10036.	*	2	1230	439	1075.	*	3	0330	619	58.
1	0635	80	0.	*	1	2135	260	9867.	*	2	1235	440	1058.	*	3	0335	620	58.
1	0640	81	0.	*	1	2140	261	9699.	*	2	1240	441	1041.	*	3	0340	621	58.
1	0645	82	0.	*	1	2145	262	9531.	*	2	1245	442	1024.	*	3	0345	622	58.
1	0650	83	0.	*	1	2150	263	9361.	*	2	1250	443	1008.	*	3	0350	623	57.
1	0655	84	0.	*	1	2155	264	9192.	*	2	1255	444	991.	*	3	0355	624	56.
1	0700	85	1.	*	1	2200	265	9023.	*	2	1300	445	974.	*	3	0400	625	50.
1	0705	86	1.	*	1	2205	266	8864.	*	2	1305	446	958.	*	3	0405	626	49.
1	0710	87	1.	*	1	2210	267	8705.	*	2	1310	447	942.	*	3	0410	627	49.
1	0715	88	1.	*	1	2215	268	8546.	*	2	1315	448	926.	*	3	0415	628	49.
1	0720	89	1.	*	1	2220	269	8403.	*	2	1320	449	912.	*	3	0420	629	49.
1	0725	90	1.	*	1	2225	270	8260.	*	2	1325	450	899.	*	3	0425	630	50.
1	0730	91	1.	*	1	2230	271	8117.	*	2	1330	451	885.	*	3	0430	631	50.
1	0735	92	1.	*	1	2235	272	7999.	*	2	1335	452	871.	*	3	0435	632	48.
1	0740	93	1.	*	1	2240	273	7881.	*	2	1340	453	857.	*	3	0440	633	46.
1	0745	94	1.	*	1	2245	274	7764.	*	2	1345	454	844.	*	3	0445	634	44.
1	0750	95	1.	*	1	2250	275	7664.	*	2	1350	455	831.	*	3	0450	635	43.
1	0755	96	1.	*	1	2255	276	7565.	*	2	1355	456	818.	*	3	0455	636	43.
1	0800	97	1.	*	1	2300	277	7466.	*	2	1400	457	805.	*	3	0500	637	42.
1	0805	98	1.	*	1	2305	278	7381.	*	2	1405	458	794.	*	3	0505	638	42.
1	0810	99	1.	*	1	2310	279	7297.	*	2	1410	459	784.	*	3	0510	639	41.
1	0815	100	1.	*	1	2315	280	7213.	*	2	1415	460	773.	*	3	0515	640	41.
1	0820	101	1.	*	1	2320	281	7141.	*	2	1420	461	761.	*	3	0520	641	41.
1	0825	102	2.	*	1	2325	282	7070.	*	2	1425	462	749.	*	3	0525	642	40.
1	0830	103	2.	*	1	2330	283	6998.	*	2	1430	463	737.	*	3	0530	643	40.
1	0835	104	2.	*	1	2335	284	6936.	*	2	1435	464	726.	*	3	0535	644	39.
1	0840	105	2.	*	1	2340	285	6873.	*	2	1440	465	715.	*	3	0540	645	37.
1	0845	106	2.	*	1	2345	286	6811.	*	2	1445	466	704.	*	3	0545	646	36.
1	0850	107	2.	*	1	2350	287	6756.	*	2	1450	467	695.	*	3	0550	647	36.
1	0855	108	2.	*	1	2355	288	6702.	*	2	1455	468	686.	*	3	0555	648	36.
1	0900	109	2.	*	2	0000	289	6647.	*	2	1500	469	677.	*	3	0600	649	35.
1	0905	110	2.	*	2	0005	290	6592.	*	2	1505	470	669.	*	3	0605	650	35.
1	0910	111	2.	*	2	0010	291	6535.	*	2	1510	471	661.	*	3	0610	651	34.
1	0915	112	2.	*	2	0015	292	6478.	*	2	1515	472	652.	*	3	0615	652	34.
1	0920	113	2.	*	2	0020	293	6427.	*	2	1520	473	643.	*	3	0620	653	33.
1	0925	114	2.	*	2	0025	294	6378.	*	2	1525	474	633.	*	3	0625	654	32.
1	0930	115	2.	*	2	0030	295	6328.	*	2	1530	475	624.	*	3	0630	655	31.
1	0935	116	2.	*	2	0035	296	6287.	*	2	1535	476	616.	*	3	0635	656	30.
1	0940	117	2.	*	2	0040	297	6246.	*	2	1540	477	609.	*	3	0640	657	30.
1	0945	118	2.	*	2	0045	298	6205.	*	2	1545	478	602.	*	3	0645	658	29.
1	0950	119	2.	*	2	0050	299	6168.	*	2	1550	479	591.	*	3	0650	659	28.
1	0955	120	2.	*	2	0055	300	6131.	*	2	1555	480	580.	*	3	0655	660	27.
1	1000	121	2.	*	2	0100	301	6094.	*	2	1600	481	570.	*	3	0700	661	26.
1	1005	122	3.	*	2	0105	302	6056.	*	2	1605	482	564.	*	3	0705	662	26.
1	1010	123	3.	*	2	0110	303	6018.	*	2	1610	483	557.	*	3	0710	663	25.
1	1015	124	3.	*	2	0115	304	5981.	*	2	1615	484	551.	*	3	0715	664	24.
1	1020	125	3.	*	2	0120	305	5950.	*	2	1620	485	546.	*	3	0720	665	24.
1	1025	126	3.	*	2	0125	306	5918.	*	2	1625	486	541.	*	3	0725	666	24.
1	1030	127	3.	*	2	0130	307	5887.	*	2	1630	487	535.	*	3	0730	667	24.
1	1035	128	3.	*	2	0135	308	5860.	*	2	1635	488	527.	*	3	0735	668	23.
1	1040	129	3.	*	2	0140	309	5833.	*	2	1640	489	518.	*	3	0740	669	22.
1	1045	130	3.	*	2	0145	310	5806.	*	2	1645	490	510.	*	3	0745	670	21.
1	1050	131	3.	*	2	0150	311	5779.	*	2	1650	491	503.	*	3	0750	671	22.

1	1055	132	3.	*	2	0155	312	5753.	*	2	1655	492	497.	*	3	0755	672	22.
1	1100	133	3.	*	2	0200	313	5727.	*	2	1700	493	491.	*	3	0800	673	22.
1	1105	134	3.	*	2	0205	314	5702.	*	2	1705	494	483.	*	3	0805	674	22.
1	1110	135	3.	*	2	0210	315	5678.	*	2	1710	495	475.	*	3	0810	675	21.
1	1115	136	3.	*	2	0215	316	5653.	*	2	1715	496	467.	*	3	0815	676	21.
1	1120	137	3.	*	2	0220	317	5633.	*	2	1720	497	459.	*	3	0820	677	20.
1	1125	138	3.	*	2	0225	318	5612.	*	2	1725	498	451.	*	3	0825	678	19.
1	1130	139	3.	*	2	0230	319	5591.	*	2	1730	499	444.	*	3	0830	679	18.
1	1135	140	3.	*	2	0235	320	5571.	*	2	1735	500	436.	*	3	0835	680	18.
1	1140	141	3.	*	2	0240	321	5551.	*	2	1740	501	428.	*	3	0840	681	19.
1	1145	142	3.	*	2	0245	322	5531.	*	2	1745	502	420.	*	3	0845	682	20.
1	1150	143	3.	*	2	0250	323	5509.	*	2	1750	503	415.	*	3	0850	683	18.
1	1155	144	3.	*	2	0255	324	5487.	*	2	1755	504	411.	*	3	0855	684	17.
1	1200	145	4.	*	2	0300	325	5465.	*	2	1800	505	406.	*	3	0900	685	16.
1	1205	146	3.	*	2	0305	326	5445.	*	2	1805	506	399.	*	3	0905	686	15.
1	1210	147	3.	*	2	0310	327	5424.	*	2	1810	507	393.	*	3	0910	687	14.
1	1215	148	3.	*	2	0315	328	5403.	*	2	1815	508	387.	*	3	0915	688	14.
1	1220	149	3.	*	2	0320	329	5383.	*	2	1820	509	381.	*	3	0920	689	14.
1	1225	150	3.	*	2	0325	330	5364.	*	2	1825	510	375.	*	3	0925	690	14.
1	1230	151	3.	*	2	0330	331	5344.	*	2	1830	511	370.	*	3	0930	691	14.
1	1235	152	3.	*	2	0335	332	5317.	*	2	1835	512	364.	*	3	0935	692	14.
1	1240	153	3.	*	2	0340	333	5290.	*	2	1840	513	358.	*	3	0940	693	13.
1	1245	154	3.	*	2	0345	334	5263.	*	2	1845	514	352.	*	3	0945	694	12.
1	1250	155	3.	*	2	0350	335	5231.	*	2	1850	515	348.	*	3	0950	695	11.
1	1255	156	3.	*	2	0355	336	5199.	*	2	1855	516	344.	*	3	0955	696	11.
1	1300	157	3.	*	2	0400	337	5166.	*	2	1900	517	340.	*	3	1000	697	10.
1	1305	158	4.	*	2	0405	338	5126.	*	2	1905	518	335.	*	3	1005	698	10.
1	1310	159	5.	*	2	0410	339	5085.	*	2	1910	519	330.	*	3	1010	699	11.
1	1315	160	6.	*	2	0415	340	5045.	*	2	1915	520	325.	*	3	1015	700	11.
1	1320	161	7.	*	2	0420	341	4995.	*	2	1920	521	321.	*	3	1020	701	10.
1	1325	162	8.	*	2	0425	342	4945.	*	2	1925	522	317.	*	3	1025	702	9.
1	1330	163	8.	*	2	0430	343	4895.	*	2	1930	523	313.	*	3	1030	703	8.
1	1335	164	8.	*	2	0435	344	4843.	*	2	1935	524	310.	*	3	1035	704	8.
1	1340	165	9.	*	2	0440	345	4790.	*	2	1940	525	307.	*	3	1040	705	7.
1	1345	166	9.	*	2	0445	346	4738.	*	2	1945	526	305.	*	3	1045	706	7.
1	1350	167	11.	*	2	0450	347	4674.	*	2	1950	527	302.	*	3	1050	707	6.
1	1355	168	14.	*	2	0455	348	4611.	*	2	1955	528	300.	*	3	1055	708	4.
1	1400	169	17.	*	2	0500	349	4548.	*	2	2000	529	297.	*	3	1100	709	3.
1	1405	170	23.	*	2	0505	350	4480.	*	2	2005	530	293.	*	3	1105	710	3.
1	1410	171	32.	*	2	0510	351	4412.	*	2	2010	531	289.	*	3	1110	711	2.
1	1415	172	40.	*	2	0515	352	4345.	*	2	2015	532	285.	*	3	1115	712	2.
1	1420	173	44.	*	2	0520	353	4274.	*	2	2020	533	281.	*	3	1120	713	2.
1	1425	174	47.	*	2	0525	354	4204.	*	2	2025	534	278.	*	3	1125	714	1.
1	1430	175	49.	*	2	0530	355	4134.	*	2	2030	535	274.	*	3	1130	715	1.
1	1435	176	51.	*	2	0535	356	4063.	*	2	2035	536	271.	*	3	1135	716	1.
1	1440	177	53.	*	2	0540	357	3992.	*	2	2040	537	268.	*	3	1140	717	1.
1	1445	178	55.	*	2	0545	358	3921.	*	2	2045	538	265.	*	3	1145	718	1.
1	1450	179	58.	*	2	0550	359	3852.	*	2	2050	539	262.	*	3	1150	719	1.
1	1455	180	60.	*	2	0555	360	3784.	*	2	2055	540	260.	*	3	1155	720	1.

****
*

PEAK FLOW (CFS)	TIME (HR)	MAXIMUM AVERAGE FLOW	6-HR	24-HR	72-HR	59.92-HR
+		(CFS)				
+ 10789.	21.08		7531.	3542.	1469.	1469.
		(INCHES)	250.078	470.417	487.128	487.128
		(AC-FT)	3735.	7025.	7274.	7274.

CUMULATIVE AREA = .28 SQ MI

****
*

HYDROGRAPH AT STATION CPD
SUM OF 2 HYDROGRAPHS
PLAN 1, RATIO = .94

****
*

DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1500	181	62.	2		0600	361	3716.	2		2100	541	258.
1		0005	2	0.	1		1505	182	65.	2		0605	362	3649.	2		2105	542	253.
1		0010	3	0.	1		1510	183	67.	2		0610	363	3581.	2		2110	543	248.
1		0015	4	0.	1		1515	184	70.	2		0615	364	3514.	2		2115	544	244.
1		0020	5	0.	1		1520	185	73.	2		0620	365	3452.	2		2120	545	242.
1		0025	6	0.	1		1525	186	75.	2		0625	366	3390.	2		2125	546	241.
1		0030	7	0.	1		1530	187	74.	2		0630	367	3328.	2		2130	547	239.
1		0035	8	0.	1		1535	188	77.	2		0635	368	3272.	2		2135	548	235.
1		0040	9	0.	1		1540	189	82.	2		0640	369	3215.	2		2140	549	230.
1		0045	10	0.	1		1545	190	94.	2		0645	370	3158.	2		2145	550	226.
1		0050	11	0.	1		1550	191	113.	2		0650	371	3099.	2		2150	551	224.
1		0055	12	0.	1		1555	192	129.	2		0655	372	3039.	2		2155	552	222.
1		0100	13	0.	1		1600	193	147.	2		0700	373	2980.	2		2200	553	220.
1		0105	14	0.	1		1605	194	195.	2		0705	374	2933.	2		2205	554	217.
1		0110	15	0.	1		1610	195	238.	2		0710	375	2886.	2		2210	555	214.
1		0115	16	0.	1		1615	196	250.	2		0715	376	2839.	2		2215	556	210.
1		0120	17	0.	1		1620	197	251.	2		0720	377	2793.	2		2220	557	206.
1		0125	18	0.	1		1625	198	265.	2		0725	378	2748.	2		2225	558	201.
1		0130	19	0.	1		1630	199	288.	2		0730	379	2702.	2		2230	559	196.
1		0135	20	0.	1		1635	200	320.	2		0735	380	2664.	2		2235	560	192.
1		0140	21	0.	1		1640	201	352.	2		0740	381	2626.	2		2240	561	188.
1		0145	22	0.	1		1645	202	384.	2		0745	382	2588.	2		2245	562	184.
1		0150	23	0.	1		1650	203	424.	2		0750	383	2548.	2		2250	563	182.
1		0155	24	0.	1		1655	204	463.	2		0755	384	2508.	2		2255	564	180.
1		0200	25	0.	1		1700	205	501.	2		0800	385	2468.	2		2300	565	178.
1		0205	26	0.	1		1705	206	572.	2		0805	386	2432.	2		2305	566	174.
1		0210	27	0.	1		1710	207	637.	2		0810	387	2395.	2		2310	567	171.
1		0215	28	0.	1		1715	208	706.	2		0815	388	2359.	2		2315	568	168.
1		0220	29	0.	1		1720	209	737.	2		0820	389	2328.	2		2320	569	165.
1		0225	30	0.	1		1725	210	770.	2		0825	390	2298.	2		2325	570	162.
1		0230	31	0.	1		1730	211	805.	2		0830	391	2267.	2		2330	571	159.
1		0235	32	0.	1		1735	212	836.	2		0835	392	2232.	2		2335	572	157.
1		0240	33	0.	1		1740	213	867.	2		0840	393	2197.	2		2340	573	155.

1	0245	34	0.	*	1	1745	214	899.	*	2	0845	394	2162.	*	2	2345	574	154.
1	0250	35	0.	*	1	1750	215	930.	*	2	0850	395	2134.	*	2	2350	575	151.
1	0255	36	0.	*	1	1755	216	961.	*	2	0855	396	2107.	*	2	2355	576	148.
1	0300	37	0.	*	1	1800	217	992.	*	2	0900	397	2079.	*	3	0000	577	145.
1	0305	38	0.	*	1	1805	218	1028.	*	2	0905	398	2051.	*	3	0005	578	142.
1	0310	39	0.	*	1	1810	219	1064.	*	2	0910	399	2022.	*	3	0010	579	139.
1	0315	40	0.	*	1	1815	220	1100.	*	2	0915	400	1994.	*	3	0015	580	136.
1	0320	41	0.	*	1	1820	221	1127.	*	2	0920	401	1962.	*	3	0020	581	134.
1	0325	42	0.	*	1	1825	222	1155.	*	2	0925	402	1930.	*	3	0025	582	131.
1	0330	43	0.	*	1	1830	223	1182.	*	2	0930	403	1899.	*	3	0030	583	129.
1	0335	44	0.	*	1	1835	224	1208.	*	2	0935	404	1873.	*	3	0035	584	129.
1	0340	45	0.	*	1	1840	225	1234.	*	2	0940	405	1848.	*	3	0040	585	128.
1	0345	46	0.	*	1	1845	226	1260.	*	2	0945	406	1823.	*	3	0045	586	128.
1	0350	47	0.	*	1	1850	227	1287.	*	2	0950	407	1797.	*	3	0050	587	123.
1	0355	48	0.	*	1	1855	228	1314.	*	2	0955	408	1772.	*	3	0055	588	118.
1	0400	49	0.	*	1	1900	229	1342.	*	2	1000	409	1747.	*	3	0100	589	113.
1	0405	50	0.	*	1	1905	230	1384.	*	2	1005	410	1721.	*	3	0105	590	111.
1	0410	51	0.	*	1	1910	231	1427.	*	2	1010	411	1696.	*	3	0110	591	110.
1	0415	52	0.	*	1	1915	232	1469.	*	2	1015	412	1671.	*	3	0115	592	108.
1	0420	53	0.	*	1	1920	233	1501.	*	2	1020	413	1647.	*	3	0120	593	107.
1	0425	54	0.	*	1	1925	234	1534.	*	2	1025	414	1622.	*	3	0125	594	105.
1	0430	55	0.	*	1	1930	235	1566.	*	2	1030	415	1598.	*	3	0130	595	104.
1	0435	56	0.	*	1	1935	236	1591.	*	2	1035	416	1573.	*	3	0135	596	101.
1	0440	57	0.	*	1	1940	237	1616.	*	2	1040	417	1548.	*	3	0140	597	97.
1	0445	58	0.	*	1	1945	238	1641.	*	2	1045	418	1523.	*	3	0145	598	94.
1	0450	59	0.	*	1	1950	239	1716.	*	2	1050	419	1500.	*	3	0150	599	92.
1	0455	60	0.	*	1	1955	240	1792.	*	2	1055	420	1477.	*	3	0155	600	91.
1	0500	61	0.	*	1	2000	241	1867.	*	2	1100	421	1455.	*	3	0200	601	89.
1	0505	62	0.	*	1	2005	242	2748.	*	2	1105	422	1433.	*	3	0205	602	87.
1	0510	63	0.	*	1	2010	243	3629.	*	2	1110	423	1410.	*	3	0210	603	85.
1	0515	64	0.	*	1	2015	244	4510.	*	2	1115	424	1388.	*	3	0215	604	82.
1	0520	65	0.	*	1	2020	245	5692.	*	2	1120	425	1365.	*	3	0220	605	81.
1	0525	66	0.	*	1	2025	246	6875.	*	2	1125	426	1341.	*	3	0225	606	79.
1	0530	67	0.	*	1	2030	247	8058.	*	2	1130	427	1318.	*	3	0230	607	77.
1	0535	68	0.	*	1	2035	248	8512.	*	2	1135	428	1298.	*	3	0235	608	75.
1	0540	69	0.	*	1	2040	249	8967.	*	2	1140	429	1279.	*	3	0240	609	72.
1	0545	70	0.	*	1	2045	250	9421.	*	2	1145	430	1260.	*	3	0245	610	70.
1	0550	71	0.	*	1	2050	251	9858.	*	2	1150	431	1241.	*	3	0250	611	69.
1	0555	72	0.	*	1	2055	252	10295.	*	2	1155	432	1223.	*	3	0255	612	68.
1	0600	73	0.	*	1	2100	253	10732.	*	2	1200	433	1204.	*	3	0300	613	67.
1	0605	74	0.	*	1	2105	254	10789.	*	2	1205	434	1182.	*	3	0305	614	66.
1	0610	75	0.	*	1	2110	255	10677.	*	2	1210	435	1160.	*	3	0310	615	65.
1	0615	76	0.	*	1	2115	256	10565.	*	2	1215	436	1137.	*	3	0315	616	63.
1	0620	77	0.	*	1	2120	257	10388.	*	2	1220	437	1116.	*	3	0320	617	62.
1	0625	78	0.	*	1	2125	258	10212.	*	2	1225	438	1096.	*	3	0325	618	60.
1	0630	79	0.	*	1	2130	259	10036.	*	2	1230	439	1075.	*	3	0330	619	58.
1	0635	80	0.	*	1	2135	260	9867.	*	2	1235	440	1058.	*	3	0335	620	58.
1	0640	81	0.	*	1	2140	261	9699.	*	2	1240	441	1041.	*	3	0340	621	58.
1	0645	82	0.	*	1	2145	262	9531.	*	2	1245	442	1024.	*	3	0345	622	58.
1	0650	83	0.	*	1	2150	263	9361.	*	2	1250	443	1008.	*	3	0350	623	57.
1	0655	84	0.	*	1	2155	264	9192.	*	2	1255	444	991.	*	3	0355	624	56.
1	0700	85	0.	*	1	2200	265	9023.	*	2	1300	445	974.	*	3	0400	625	50.
1	0705	86	1.	*	1	2205	266	8864.	*	2	1305	446	958.	*	3	0405	626	49.
1	0710	87	1.	*	1	2210	267	8705.	*	2	1310	447	942.	*	3	0410	627	49.
1	0715	88	1.	*	1	2215	268	8545.	*	2	1315	448	926.	*	3	0415	628	49.
1	0720	89	1.	*	1	2220	269	8402.	*	2	1320	449	912.	*	3	0420	629	49.
1	0725	90	1.	*	1	2225	270	8260.	*	2	1325	450	899.	*	3	0425	630	50.
1	0730	91	1.	*	1	2230	271	8117.	*	2	1330	451	885.	*	3	0430	631	50.
1	0735	92	1.	*	1	2235	272	7999.	*	2	1335	452	871.	*	3	0435	632	48.
1	0740	93	1.	*	1	2240	273	7881.	*	2	1340	453	857.	*	3	0440	633	46.
1	0745	94	1.	*	1	2245	274	7764.	*	2	1345	454	844.	*	3	0445	634	44.
1	0750	95	1.	*	1	2250	275	7664.	*	2	1350	455	831.	*	3	0450	635	43.
1	0755	96	1.	*	1	2255	276	7565.	*	2	1355	456	818.	*	3	0455	636	43.
1	0800	97	1.	*	1	2300	277	7465.	*	2	1400	457	805.	*	3	0500	637	42.
1	0805	98	1.	*	1	2305	278	7381.	*	2	1405	458	794.	*	3	0505	638	42.
1	0810	99	1.	*	1	2310	279	7297.	*	2	1410	459	784.	*	3	0510	639	41.
1	0815	100	1.	*	1	2315	280	7213.	*	2	1415	460	773.	*	3	0515	640	41.
1	0820	101	1.	*	1	2320	281	7141.	*	2	1420	461	761.	*	3	0520	641	41.
1	0825	102	1.	*	1	2325	282	7070.	*	2	1425	462	749.	*	3	0525	642	40.
1	0830	103	1.	*	1	2330	283	6998.	*	2	1430	463	737.	*	3	0530	643	40.
1	0835	104	2.	*	1	2335	284	6936.	*	2	1435	464	726.	*	3	0535	644	39.
1	0840	105	2.	*	1	2340	285	6873.	*	2	1440	465	715.	*	3	0540	645	37.
1	0845	106	2.	*	1	2345	286	6811.	*	2	1445	466	704.	*	3	0545	646	36.
1	0850	107	2.	*	1	2350	287	6756.	*	2	1450	467	695.	*	3	0550	647	36.
1	0855	108	2.	*	1	2355	288	6702.	*	2	1455	468	686.	*	3	0555	648	36.
1	0900	109	2.	*	2	0000	289	6647.	*	2	1500	469	677.	*	3	0600	649	35.
1	0905	110	2.	*	2	0005	290	6592.	*	2	1505	470	669.	*	3	0605	650	35.
1	0910	111	2.	*	2	0010	291	6535.	*	2	1510	471	661.	*	3	0610	651	34.
1	0915	112	2.	*	2	0015	292	6478.	*	2	1515	472	652.	*	3	0615	652	34.
1	0920	113	2.	*	2	0020	293	6427.	*	2	1520	473	643.	*	3	0620	653	33.
1	0925	114	2.	*	2	0025	294	6378.	*	2	1525	474	633.	*	3	0625	654	32.
1	0930	115	2.	*	2	0030	295	6328.	*	2	1530	475	624.	*	3	0630	655	31.
1	0935	116	2.	*	2	0035	296	6287.	*	2	1535	476	616.	*	3	0635	656	30.
1	0940	117	2.	*	2	0040	297	6246.	*	2	1540	477	609.	*	3	0640	657	30.
1	0945	118	2.	*	2	0045	298	6205.	*	2	1545	478	602.	*	3	0645	658	29.
1	0950	119	2.	*	2	0050	299	6168.	*	2	1550	479	591.	*	3	0650	659	28.
1	0955	120	2.	*	2	0055	300	6131.	*	2	1555	480	580.	*	3	0655	660	27.
1	1000	121	2.	*	2	0100	301	6094.	*	2	1600	481	570.	*	3	0700	661	26.
1	1005	122	2.	*	2	0105	302	6056.	*	2	1605	482	564.	*	3	0705	662	26.
1	1010	123	2.	*	2	0110	303	6018.	*	2	1610	483	557.	*	3	0710	663	25.
1	1015	124	3.	*	2	0115	304	5981.	*	2	1615	484	551.	*	3	0715	664	24.
1	1020	125	3.	*	2	0120	305	5950.	*	2	1620	485	546.	*	3	0720	665	24.
1	1025	126	3.	*	2	0125	306	5918.	*	2	1625	486	541.	*	3	0725	666	24.
1	1030	127	3.	*	2	0130	307	5887.	*	2	1630	487	535.	*	3	0730	667	24.
1	1035	128	3.	*	2	0135	308	5860.	*	2	1635	488	527.	*	3	0735	668	23.
1	1040	129	3.	*	2	0140	309	5833.	*	2	1640	489	518.	*	3	0740	669	22.
1	1045	130	3.	*	2	0145	310	5806.	*	2	1645	490	510.	*	3	0745	670	21.
1	1050	131	3.	*	2	0150	311	5779.	*	2	1650	491	503.	*	3	0750	671	22.
1	1055	132	3.	*	2	0155	312	5753.	*	2	1655	492	497.	*	3	0755	672	22.
1	1100	133	3.	*	2	0200	313	5727.	*	2	1700	493	491.	*	3	0800	673	22.
1	1105	134	3.	*	2	0205	314	5702.	*	2	1705	494	483.	*	3	0805	674	22.
1	1110	135	3.	*	2	0210	315	5678.	*	2	1710	495	475.	*	3	0810	675	21.
1	1115	136	3.	*	2	0215	316	5653.	*	2	1715	496	467.	*	3	0815	676	21.
1	1120	137	3.	*	2	0220	317	5633.	*	2	1720	497	459.	*	3	0820	677	20.
1	1125	138	3.	*	2	0225	318	5612.	*	2	1725	498	451.	*	3	0825	678	19.
1	1130	139	3.	*	2	0230	319	5591.	*	2	1730	499	444.	*	3	0830	679	18.
1	1135	140	3.	*	2	0235	320	5571.	*	2	1735	500	436.	*	3	0835	680	18.
1	1140	141	3.	*	2	0240	321	5551.	*	2	1740	501	428.	*	3	0840	681	19.
1	1145	142	3.	*	2	0245	322	5531.	*	2	1745	502	420.	*	3	0845	682	20.
1	1150	143	3.	*	2	0250	323	5509.	*	2	1750	503	415.	*	3	0850	683	18.
1	1155	144	3.	*	2	0255	324	5487.	*	2	1755	504	411.	*	3	0855	684	17.
1	1200	145	3.	*	2	0300	325	5465.	*	2	1800	505	406.	*	3	0900	685	16.

1	1205	146	3.	*	2	0305	326	5445.	*	2	1805	506	399.	*	3	0905	686	15.
1	1210	147	3.	*	2	0310	327	5424.	*	2	1810	507	393.	*	3	0910	687	14.
1	1215	148	3.	*	2	0315	328	5403.	*	2	1815	508	387.	*	3	0915	688	14.
1	1220	149	3.	*	2	0320	329	5383.	*	2	1820	509	381.	*	3	0920	689	14.
1	1225	150	3.	*	2	0325	330	5364.	*	2	1825	510	375.	*	3	0925	690	14.
1	1230	151	3.	*	2	0330	331	5344.	*	2	1830	511	370.	*	3	0930	691	14.
1	1235	152	3.	*	2	0335	332	5317.	*	2	1835	512	364.	*	3	0935	692	14.
1	1240	153	3.	*	2	0340	333	5290.	*	2	1840	513	358.	*	3	0940	693	13.
1	1245	154	3.	*	2	0345	334	5263.	*	2	1845	514	352.	*	3	0945	694	12.
1	1250	155	3.	*	2	0350	335	5231.	*	2	1850	515	348.	*	3	0950	695	11.
1	1255	156	3.	*	2	0355	336	5199.	*	2	1855	516	344.	*	3	0955	696	11.
1	1300	157	3.	*	2	0400	337	5166.	*	2	1900	517	340.	*	3	1000	697	10.
1	1305	158	4.	*	2	0405	338	5126.	*	2	1905	518	335.	*	3	1005	698	10.
1	1310	159	5.	*	2	0410	339	5085.	*	2	1910	519	330.	*	3	1010	699	11.
1	1315	160	6.	*	2	0415	340	5045.	*	2	1915	520	325.	*	3	1015	700	11.
1	1320	161	7.	*	2	0420	341	4995.	*	2	1920	521	321.	*	3	1020	701	10.
1	1325	162	7.	*	2	0425	342	4945.	*	2	1925	522	317.	*	3	1025	702	9.
1	1330	163	8.	*	2	0430	343	4895.	*	2	1930	523	313.	*	3	1030	703	8.
1	1335	164	8.	*	2	0435	344	4843.	*	2	1935	524	310.	*	3	1035	704	8.
1	1340	165	9.	*	2	0440	345	4790.	*	2	1940	525	307.	*	3	1040	705	7.
1	1345	166	9.	*	2	0445	346	4738.	*	2	1945	526	305.	*	3	1045	706	7.
1	1350	167	11.	*	2	0450	347	4674.	*	2	1950	527	302.	*	3	1050	707	6.
1	1355	168	14.	*	2	0455	348	4611.	*	2	1955	528	300.	*	3	1055	708	4.
1	1400	169	17.	*	2	0500	349	4548.	*	2	2000	529	297.	*	3	1100	709	3.
1	1405	170	23.	*	2	0505	350	4480.	*	2	2005	530	293.	*	3	1105	710	3.
1	1410	171	32.	*	2	0510	351	4412.	*	2	2010	531	289.	*	3	1110	711	2.
1	1415	172	40.	*	2	0515	352	4345.	*	2	2015	532	285.	*	3	1115	712	2.
1	1420	173	43.	*	2	0520	353	4274.	*	2	2020	533	281.	*	3	1120	713	2.
1	1425	174	46.	*	2	0525	354	4204.	*	2	2025	534	278.	*	3	1125	714	1.
1	1430	175	49.	*	2	0530	355	4134.	*	2	2030	535	274.	*	3	1130	715	1.
1	1435	176	51.	*	2	0535	356	4063.	*	2	2035	536	271.	*	3	1135	716	1.
1	1440	177	53.	*	2	0540	357	3992.	*	2	2040	537	268.	*	3	1140	717	1.
1	1445	178	54.	*	2	0545	358	3921.	*	2	2045	538	265.	*	3	1145	718	1.
1	1450	179	57.	*	2	0550	359	3852.	*	2	2050	539	262.	*	3	1150	719	1.
1	1455	180	59.	*	2	0555	360	3784.	*	2	2055	540	260.	*	3	1155	720	1.
				*					*					*				

****
*

PEAK FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	59.92-HR
+		(CFS)				
+ 10789.	21.08		7531.	3542.	1469.	1469.
		(INCHES)	250.075	470.411	487.105	487.105
		(AC-FT)	3734.	7025.	7274.	7274.

CUMULATIVE AREA = .28 SQ MI

****
*

HYDROGRAPH AT STATION CPD
SUM OF 2 HYDROGRAPHS
PLAN 1, RATIO = .93

****
*

DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	*	1		1500	181	61.	*	2		0600	361	3716.	*	2		2100	541	258.
1		0005	2	0.	*	1		1505	182	64.	*	2		0605	362	3649.	*	2		2105	542	253.
1		0010	3	0.	*	1		1510	183	67.	*	2		0610	363	3581.	*	2		2110	543	248.
1		0015	4	0.	*	1		1515	184	69.	*	2		0615	364	3514.	*	2		2115	544	244.
1		0020	5	0.	*	1		1520	185	73.	*	2		0620	365	3452.	*	2		2120	545	242.
1		0025	6	0.	*	1		1525	186	74.	*	2		0625	366	3390.	*	2		2125	546	241.
1		0030	7	0.	*	1		1530	187	74.	*	2		0630	367	3328.	*	2		2130	547	239.
1		0035	8	0.	*	1		1535	188	76.	*	2		0635	368	3272.	*	2		2135	548	235.
1		0040	9	0.	*	1		1540	189	82.	*	2		0640	369	3215.	*	2		2140	549	230.
1		0045	10	0.	*	1		1545	190	93.	*	2		0645	370	3158.	*	2		2145	550	226.
1		0050	11	0.	*	1		1550	191	112.	*	2		0650	371	3099.	*	2		2150	551	224.
1		0055	12	0.	*	1		1555	192	128.	*	2		0655	372	3039.	*	2		2155	552	222.
1		0100	13	0.	*	1		1600	193	145.	*	2		0700	373	2980.	*	2		2200	553	220.
1		0105	14	0.	*	1		1605	194	193.	*	2		0705	374	2933.	*	2		2205	554	217.
1		0110	15	0.	*	1		1610	195	236.	*	2		0710	375	2886.	*	2		2210	555	214.
1		0115	16	0.	*	1		1615	196	248.	*	2		0715	376	2839.	*	2		2215	556	210.
1		0120	17	0.	*	1		1620	197	250.	*	2		0720	377	2793.	*	2		2220	557	206.
1		0125	18	0.	*	1		1625	198	264.	*	2		0725	378	2748.	*	2		2225	558	201.
1		0130	19	0.	*	1		1630	199	287.	*	2		0730	379	2702.	*	2		2230	559	196.
1		0135	20	0.	*	1		1635	200	319.	*	2		0735	380	2664.	*	2		2235	560	192.
1		0140	21	0.	*	1		1640	201	351.	*	2		0740	381	2626.	*	2		2240	561	188.
1		0145	22	0.	*	1		1645	202	383.	*	2		0745	382	2588.	*	2		2245	562	184.
1		0150	23	0.	*	1		1650	203	423.	*	2		0750	383	2548.	*	2		2250	563	182.
1		0155	24	0.	*	1		1655	204	462.	*	2		0755	384	2508.	*	2		2255	564	180.
1		0200	25	0.	*	1		1700	205	501.	*	2		0800	385	2468.	*	2		2300	565	178.
1		0205	26	0.	*	1		1705	206	571.	*	2		0805	386	2432.	*	2		2305	566	174.
1		0210	27	0.	*	1		1710	207	637.	*	2		0810	387	2395.	*	2		2310	567	171.
1		0215	28	0.	*	1		1715	208	705.	*	2		0815	388	2359.	*	2		2315	568	168.
1		0220	29	0.	*	1		1720	209	737.	*	2		0820	389	2328.	*	2		2320	569	165.
1		0225	30	0.	*	1		1725	210	770.	*	2		0825	390	2298.	*	2		2325	570	162.
1		0230	31	0.	*	1		1730	211	805.	*	2		0830	391	2267.	*	2		2330	571	159.
1		0235	32	0.	*	1		1735	212	836.	*	2		0835	392	2232.	*	2		2335	572	157.
1		0240	33	0.	*	1		1740	213	867.	*	2		0840	393	2197.	*	2		2340	573	155.
1		0245	34	0.	*	1		1745	214	899.	*	2		0845	394	2162.	*	2		2345	574	154.
1		0250	35	0.	*	1		1750	215	930.	*	2		0850	395	2134.	*	2		2350	575	151.
1		0255	36	0.	*	1		1755	216	961.	*	2		0855	396	2107.	*	2		2355	576	148.
1		0300	37	0.	*	1		1800	217	992.	*	2		0900	397	2079.	*	3		0000	577	145.
1		0305	38	0.	*	1		1805	218	1028.	*	2		0905	398	2051.	*	3		0005	578	142.
1		0310	39	0.	*	1		1810	219	1064.	*	2		0910	399	2022.	*	3		0010	579	139.
1		0315	40	0.	*	1		1815	220	1100.	*	2		0915	400	1994.	*	3		0015	580	136.
1		0320	41	0.	*	1		1820	221	1127.	*	2		0920	401	1962.	*	3		0020	581	134.
1		0325	42	0.	*	1		1825	222	1154.	*	2		0925	402	1930.	*	3		0025	582	131.
1		0330	43	0.	*	1		1830	223	1182.	*	2		0930	403	1899.	*	3		0030	583	129.
1		0335	44	0.	*	1		1835	224	1208.	*	2		0935	404	1873.	*	3		0035	584	129.
1		0340	45	0.	*	1		1840	225	1234.	*	2		0940	405	1848.	*	3		0040	585	128.
1		0345	46	0.	*	1		1845	226	1259.	*	2		0945	406	1823.	*	3		0045	586	128.
1		0350	47	0.	*	1		1850	227	1287.	*	2		0950	407	1797.	*	3		0050	587	123.

1	0355	48	0.	*	1	1855	228	1314.	*	2	0955	408	1772.	*	3	0055	588	118.
1	0400	49	0.	*	1	1900	229	1342.	*	2	1000	409	1747.	*	3	0100	589	113.
1	0405	50	0.	*	1	1905	230	1384.	*	2	1005	410	1721.	*	3	0105	590	111.
1	0410	51	0.	*	1	1910	231	1427.	*	2	1010	411	1696.	*	3	0110	591	110.
1	0415	52	0.	*	1	1915	232	1469.	*	2	1015	412	1671.	*	3	0115	592	108.
1	0420	53	0.	*	1	1920	233	1501.	*	2	1020	413	1647.	*	3	0120	593	107.
1	0425	54	0.	*	1	1925	234	1533.	*	2	1025	414	1622.	*	3	0125	594	105.
1	0430	55	0.	*	1	1930	235	1566.	*	2	1030	415	1598.	*	3	0130	595	104.
1	0435	56	0.	*	1	1935	236	1591.	*	2	1035	416	1573.	*	3	0135	596	101.
1	0440	57	0.	*	1	1940	237	1616.	*	2	1040	417	1548.	*	3	0140	597	97.
1	0445	58	0.	*	1	1945	238	1641.	*	2	1045	418	1523.	*	3	0145	598	94.
1	0450	59	0.	*	1	1950	239	1716.	*	2	1050	419	1500.	*	3	0150	599	92.
1	0455	60	0.	*	1	1955	240	1792.	*	2	1055	420	1477.	*	3	0155	600	91.
1	0500	61	0.	*	1	2000	241	1867.	*	2	1100	421	1455.	*	3	0200	601	89.
1	0505	62	0.	*	1	2005	242	2748.	*	2	1105	422	1433.	*	3	0205	602	87.
1	0510	63	0.	*	1	2010	243	3629.	*	2	1110	423	1410.	*	3	0210	603	85.
1	0515	64	0.	*	1	2015	244	4509.	*	2	1115	424	1388.	*	3	0215	604	82.
1	0520	65	0.	*	1	2020	245	5692.	*	2	1120	425	1365.	*	3	0220	605	81.
1	0525	66	0.	*	1	2025	246	6875.	*	2	1125	426	1341.	*	3	0225	606	79.
1	0530	67	0.	*	1	2030	247	8058.	*	2	1130	427	1318.	*	3	0230	607	77.
1	0535	68	0.	*	1	2035	248	8512.	*	2	1135	428	1298.	*	3	0235	608	75.
1	0540	69	0.	*	1	2040	249	8966.	*	2	1140	429	1279.	*	3	0240	609	72.
1	0545	70	0.	*	1	2045	250	9421.	*	2	1145	430	1260.	*	3	0245	610	70.
1	0550	71	0.	*	1	2050	251	9858.	*	2	1150	431	1241.	*	3	0250	611	69.
1	0555	72	0.	*	1	2055	252	10295.	*	2	1155	432	1223.	*	3	0255	612	68.
1	0600	73	0.	*	1	2100	253	10731.	*	2	1200	433	1204.	*	3	0300	613	67.
1	0605	74	0.	*	1	2105	254	10789.	*	2	1205	434	1182.	*	3	0305	614	66.
1	0610	75	0.	*	1	2110	255	10677.	*	2	1210	435	1160.	*	3	0310	615	65.
1	0615	76	0.	*	1	2115	256	10564.	*	2	1215	436	1137.	*	3	0315	616	63.
1	0620	77	0.	*	1	2120	257	10388.	*	2	1220	437	1116.	*	3	0320	617	62.
1	0625	78	0.	*	1	2125	258	10212.	*	2	1225	438	1096.	*	3	0325	618	60.
1	0630	79	0.	*	1	2130	259	10035.	*	2	1230	439	1075.	*	3	0330	619	58.
1	0635	80	0.	*	1	2135	260	9867.	*	2	1235	440	1058.	*	3	0335	620	58.
1	0640	81	0.	*	1	2140	261	9699.	*	2	1240	441	1041.	*	3	0340	621	58.
1	0645	82	0.	*	1	2145	262	9530.	*	2	1245	442	1024.	*	3	0345	622	58.
1	0650	83	0.	*	1	2150	263	9361.	*	2	1250	443	1008.	*	3	0350	623	57.
1	0655	84	0.	*	1	2155	264	9192.	*	2	1255	444	991.	*	3	0355	624	56.
1	0700	85	0.	*	1	2200	265	9023.	*	2	1300	445	974.	*	3	0400	625	50.
1	0705	86	0.	*	1	2205	266	8864.	*	2	1305	446	958.	*	3	0405	626	49.
1	0710	87	1.	*	1	2210	267	8705.	*	2	1310	447	942.	*	3	0410	627	49.
1	0715	88	1.	*	1	2215	268	8545.	*	2	1315	448	926.	*	3	0415	628	49.
1	0720	89	1.	*	1	2220	269	8402.	*	2	1320	449	912.	*	3	0420	629	49.
1	0725	90	1.	*	1	2225	270	8259.	*	2	1325	450	899.	*	3	0425	630	50.
1	0730	91	1.	*	1	2230	271	8116.	*	2	1330	451	885.	*	3	0430	631	50.
1	0735	92	1.	*	1	2235	272	7999.	*	2	1335	452	871.	*	3	0435	632	48.
1	0740	93	1.	*	1	2240	273	7881.	*	2	1340	453	857.	*	3	0440	633	46.
1	0745	94	1.	*	1	2245	274	7763.	*	2	1345	454	844.	*	3	0445	634	44.
1	0750	95	1.	*	1	2250	275	7664.	*	2	1350	455	831.	*	3	0450	635	43.
1	0755	96	1.	*	1	2255	276	7565.	*	2	1355	456	818.	*	3	0455	636	43.
1	0800	97	1.	*	1	2300	277	7465.	*	2	1400	457	805.	*	3	0500	637	42.
1	0805	98	1.	*	1	2305	278	7381.	*	2	1405	458	794.	*	3	0505	638	42.
1	0810	99	1.	*	1	2310	279	7297.	*	2	1410	459	784.	*	3	0510	639	41.
1	0815	100	1.	*	1	2315	280	7213.	*	2	1415	460	773.	*	3	0515	640	41.
1	0820	101	1.	*	1	2320	281	7141.	*	2	1420	461	761.	*	3	0520	641	41.
1	0825	102	1.	*	1	2325	282	7070.	*	2	1425	462	749.	*	3	0525	642	40.
1	0830	103	1.	*	1	2330	283	6998.	*	2	1430	463	737.	*	3	0530	643	40.
1	0835	104	1.	*	1	2335	284	6936.	*	2	1435	464	726.	*	3	0535	644	39.
1	0840	105	2.	*	1	2340	285	6873.	*	2	1440	465	715.	*	3	0540	645	37.
1	0845	106	2.	*	1	2345	286	6811.	*	2	1445	466	704.	*	3	0545	646	36.
1	0850	107	2.	*	1	2350	287	6756.	*	2	1450	467	695.	*	3	0550	647	36.
1	0855	108	2.	*	1	2355	288	6701.	*	2	1455	468	686.	*	3	0555	648	36.
1	0900	109	2.	*	2	0000	289	6647.	*	2	1500	469	677.	*	3	0600	649	35.
1	0905	110	2.	*	2	0005	290	6592.	*	2	1505	470	669.	*	3	0605	650	35.
1	0910	111	2.	*	2	0010	291	6535.	*	2	1510	471	661.	*	3	0610	651	34.
1	0915	112	2.	*	2	0015	292	6478.	*	2	1515	472	652.	*	3	0615	652	34.
1	0920	113	2.	*	2	0020	293	6427.	*	2	1520	473	643.	*	3	0620	653	33.
1	0925	114	2.	*	2	0025	294	6378.	*	2	1525	474	633.	*	3	0625	654	32.
1	0930	115	2.	*	2	0030	295	6328.	*	2	1530	475	624.	*	3	0630	655	31.
1	0935	116	2.	*	2	0035	296	6287.	*	2	1535	476	616.	*	3	0635	656	30.
1	0940	117	2.	*	2	0040	297	6246.	*	2	1540	477	609.	*	3	0640	657	30.
1	0945	118	2.	*	2	0045	298	6205.	*	2	1545	478	602.	*	3	0645	658	29.
1	0950	119	2.	*	2	0050	299	6168.	*	2	1550	479	591.	*	3	0650	659	28.
1	0955	120	2.	*	2	0055	300	6131.	*	2	1555	480	580.	*	3	0655	660	27.
1	1000	121	2.	*	2	0100	301	6094.	*	2	1600	481	570.	*	3	0700	661	26.
1	1005	122	2.	*	2	0105	302	6056.	*	2	1605	482	564.	*	3	0705	662	26.
1	1010	123	2.	*	2	0110	303	6018.	*	2	1610	483	557.	*	3	0710	663	25.
1	1015	124	2.	*	2	0115	304	5981.	*	2	1615	484	551.	*	3	0715	664	24.
1	1020	125	2.	*	2	0120	305	5950.	*	2	1620	485	546.	*	3	0720	665	24.
1	1025	126	3.	*	2	0125	306	5918.	*	2	1625	486	541.	*	3	0725	666	24.
1	1030	127	3.	*	2	0130	307	5887.	*	2	1630	487	535.	*	3	0730	667	24.
1	1035	128	3.	*	2	0135	308	5860.	*	2	1635	488	527.	*	3	0735	668	23.
1	1040	129	3.	*	2	0140	309	5833.	*	2	1640	489	518.	*	3	0740	669	22.
1	1045	130	3.	*	2	0145	310	5806.	*	2	1645	490	510.	*	3	0745	670	21.
1	1050	131	3.	*	2	0150	311	5779.	*	2	1650	491	503.	*	3	0750	671	22.
1	1055	132	3.	*	2	0155	312	5753.	*	2	1655	492	497.	*	3	0755	672	22.
1	1100	133	3.	*	2	0200	313	5727.	*	2	1700	493	491.	*	3	0800	673	22.
1	1105	134	3.	*	2	0205	314	5702.	*	2	1705	494	483.	*	3	0805	674	22.
1	1110	135	3.	*	2	0210	315	5678.	*	2	1710	495	475.	*	3	0810	675	21.
1	1115	136	3.	*	2	0215	316	5653.	*	2	1715	496	467.	*	3	0815	676	21.
1	1120	137	3.	*	2	0220	317	5633.	*	2	1720	497	459.	*	3	0820	677	20.
1	1125	138	3.	*	2	0225	318	5612.	*	2	1725	498	451.	*	3	0825	678	19.
1	1130	139	3.	*	2	0230	319	5591.	*	2	1730	499	444.	*	3	0830	679	18.
1	1135	140	3.	*	2	0235	320	5571.	*	2	1735	500	436.	*	3	0835	680	18.
1	1140	141	3.	*	2	0240	321	5551.	*	2	1740	501	428.	*	3	0840	681	19.
1	1145	142	3.	*	2	0245	322	5531.	*	2	1745	502	420.	*	3	0845	682	20.
1	1150	143	3.	*	2	0250	323	5509.	*	2	1750	503	415.	*	3	0850	683	18.
1	1155	144	3.	*	2	0255	324	5487.	*	2	1755	504	411.	*	3	0855	684	17.
1	1200	145	3.	*	2	0300	325	5465.	*	2	1800	505	406.	*	3	0900	685	16.
1	1205	146	3.	*	2	0305	326	5445.	*	2	1805	506	399.	*	3	0905	686	15.
1	1210	147	3.	*	2	0310	327	5424.	*	2	1810	507	393.	*	3	0910	687	14.
1	1215	148	3.	*	2	0315	328	5403.	*	2	1815	508	387.	*	3	0915	688	14.
1	1220	149	3.	*	2	0320	329	5383.	*	2	1820	509	381.	*	3	0920	689	14.
1	1225	150	3.	*	2	0325	330	5364.	*	2	1825	510	375.	*	3	0925	690	14.
1	1230	151	3.	*	2	0330	331	5344.	*	2	1830	511	370.	*	3	0930	691	14.
1	1235	152	3.	*	2	0335	332	5317.	*	2	1835	512	364.	*	3	0935	692	14.
1	1240	153	3.	*	2	0340	333	5290.	*	2	1840	513	358.	*	3	0940	693	13.
1	1245	154	3.	*	2	0345	334	5263.	*	2	1845	514	352.	*	3	0945	694	12.
1	1250	155	3.	*	2	0350	335	5231.	*	2	1850	515	348.	*	3	0950	695	11.
1	1255	156	3.	*	2	0355	336	5199.	*	2	1855	516	344.	*	3	0955	696	11.
1	1300	157	3.	*	2	0400	337	5166.	*	2	1900	517	340.	*	3	1000	697	10.
1	1305	158	4.	*	2	0405	338	5126.	*	2	1905	518	335.	*	3	1005	698	10.
1	1310	159	5.	*	2	0410	339	5085.	*	2	1910	519	330.	*	3	1010	699	11.

1	1315	160	6.	*	2	0415	340	5045.	*	2	1915	520	325.	*	3	1015	700	11.
1	1320	161	7.	*	2	0420	341	4995.	*	2	1920	521	321.	*	3	1020	701	10.
1	1325	162	7.	*	2	0425	342	4945.	*	2	1925	522	317.	*	3	1025	702	9.
1	1330	163	8.	*	2	0430	343	4895.	*	2	1930	523	313.	*	3	1030	703	8.
1	1335	164	8.	*	2	0435	344	4843.	*	2	1935	524	310.	*	3	1035	704	8.
1	1340	165	9.	*	2	0440	345	4790.	*	2	1940	525	307.	*	3	1040	705	7.
1	1345	166	9.	*	2	0445	346	4738.	*	2	1945	526	305.	*	3	1045	706	7.
1	1350	167	11.	*	2	0450	347	4674.	*	2	1950	527	302.	*	3	1050	707	6.
1	1355	168	14.	*	2	0455	348	4611.	*	2	1955	528	300.	*	3	1055	708	4.
1	1400	169	17.	*	2	0500	349	4548.	*	2	2000	529	297.	*	3	1100	709	3.
1	1405	170	23.	*	2	0505	350	4480.	*	2	2005	530	293.	*	3	1105	710	3.
1	1410	171	32.	*	2	0510	351	4412.	*	2	2010	531	289.	*	3	1110	711	2.
1	1415	172	39.	*	2	0515	352	4345.	*	2	2015	532	285.	*	3	1115	712	2.
1	1420	173	43.	*	2	0520	353	4274.	*	2	2020	533	281.	*	3	1120	713	2.
1	1425	174	46.	*	2	0525	354	4204.	*	2	2025	534	278.	*	3	1125	714	1.
1	1430	175	48.	*	2	0530	355	4134.	*	2	2030	535	274.	*	3	1130	715	1.
1	1435	176	50.	*	2	0535	356	4063.	*	2	2035	536	271.	*	3	1135	716	1.
1	1440	177	52.	*	2	0540	357	3992.	*	2	2040	537	268.	*	3	1140	717	1.
1	1445	178	54.	*	2	0545	358	3921.	*	2	2045	538	265.	*	3	1145	718	1.
1	1450	179	56.	*	2	0550	359	3852.	*	2	2050	539	262.	*	3	1150	719	1.
1	1455	180	59.	*	2	0555	360	3784.	*	2	2055	540	260.	*	3	1155	720	1.
				*					*					*				

****
*

PEAK FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	59.92-HR
+ 10789.	21.08	(CFS)	7531.	3542.	1469.	1469.
		(INCHES)	250.072	470.405	487.082	487.082
		(AC-FT)	3734.	7025.	7274.	7274.

CUMULATIVE AREA = .28 SQ MI

1

PEAK FLOW AND STAGE (END-OF-PERIOD) SUMMARY FOR MULTIPLE PLAN-RATIO ECONOMIC COMPUTATIONS
FLOWS IN CUBIC FEET PER SECOND, AREA IN SQUARE MILES
TIME TO PEAK IN HOURS

OPERATION	STATION	AREA	PLAN		RATIOS APPLIED TO PRECIPITATION RATIO 1 1.00	RATIO 2 .98	RATIO 3 .97	RATIO 4 .96	RATIO 5 .95	RATIO 6 .94	RATIO 7 .93
HYDROGRAPH AT +	ONSIT	.00	1	FLOW	10780.	10780.	10780.	10780.	10780.	10780.	10780.
				TIME	21.08	21.08	21.08	21.08	21.08	21.08	21.08
HYDROGRAPH AT +	STA1	.28	1	FLOW	118.	114.	112.	111.	109.	107.	105.
				TIME	16.17	16.17	16.17	16.17	16.17	16.17	16.17
2 COMBINED AT +	CPD	.28	1	FLOW	10790.	10790.	10790.	10790.	10789.	10789.	10789.
				TIME	21.08	21.08	21.08	21.08	21.08	21.08	21.08

*** NORMAL END OF HEC-1 ***

APPENDIX D:

iii. Post Construction 24-Hour,

100-Year HEC-1

```
1****************************************
****************************************
 *                                      *                                                  *
 *                                      *                                                  *
 *   FLOOD HYDROGRAPH PACKAGE  (HEC-1)  *                                                  *    U.S. ARMY CORPS OF ENGINEERS
 *                                      *                                                  *
 *              JUN   1998              *                                                  *    HYDROLOGIC ENGINEERING CENTER
 *                                      *                                                  *
 *           VERSION 4.1                *                                                  *          609 SECOND STREET
 *                                      *                                                  *
 *                                      *                                                  *       DAVIS, CALIFORNIA 95616
 *                                      *                                                  *
 *  RUN DATE   26MAY11  TIME  16:07:38  *                                                  *           (916) 756-1104
 *                                      *                                                  *
 *                                      *                                                  *
 ****************************************
****************************************
```

```
X     X  XXXXXXX   XXXXX          X
X     X  X        X     X        XX
X     X  X        X               X
XXXXXXX  XXXX     X        XXXXX  X
X     X  X        X               X
X     X  X        X     X         X
X     X  XXXXXXX   XXXXX         XXX
```

THIS PROGRAM REPLACES ALL PREVIOUS VERSIONS OF HEC-1 KNOWN AS HEC1 (JAN 73), HEC1GS, HEC1DB, AND HEC1KW.

THE DEFINITIONS OF VARIABLES -RTIMP- AND -RTIOR- HAVE CHANGED FROM THOSE USED WITH THE 1973-STYLE INPUT STRUCTURE.
THE DEFINITION OF -AMSKK- ON RM-CARD WAS CHANGED WITH REVISIONS DATED 28 SEP 81. THIS IS THE FORTRAN77 VERSION
NEW OPTIONS: DAMBREAK OUTFLOW SUBMERGENCE , SINGLE EVENT DAMAGE CALCULATION, DSS:WRITE STAGE FREQUENCY,
DSS:READ TIME SERIES AT DESIRED CALCULATION INTERVAL LOSS RATE:GREEN AND AMPT INFILTRATION
KINEMATIC WAVE: NEW FINITE DIFFERENCE ALGORITHM

```
1                                                HEC-1 INPUT                                                          PAGE  1

          LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

                        *DIAGRAM
            1           ID  ********************************************************************
            2           ID     TECHNICAL DRAINAGE STUDY
            3           ID     HIDDEN HILLS RANCH SEGS
            4           ID     FILE_________________________7302DA100.DAT
            5           ID     CONDITION____________________100-YEAR - POST CONSTRUCTION CONDITION
            6           ID     STORM DURATION_______________24 HOURS (SB COUNTY STORM)
            7           ID     DATE_________________________05-2011
            8           ID     DISTRIBUTION_________________SAN BERNARDINO COUNTY METHODOLOGY
            9           ID     AMC CONDITION ______________AMC I& II CN'S USED
           10           ID     MODELED BY___________________VTN NEVADA
           11           ID
           12           ID  ********************************************************************
           13           ID   DEPTH-AREA REDUCTION FACTOR (DARF) REF. FROM SB COUNTY
           14           ID   DEPTH AREA CURVES (FIG. E-4).
           15           ID
           16           ID     BASIN AREA
           17           ID    RANGE(sq.mi.)          DARF
           18           ID
           19           ID       1 -  10             1.00
           20           ID       10 - 20             0.98
           21           ID       20 - 30             0.97
           22           ID       30 - 50             0.96
           23           ID       50 - 70             0.95
           24           ID       70 - 100            0.94
           25           ID       100 -350            0.93
           26           ID
           27           ID  ********************************************************************
           28           ID
           29           IT       5       0       0     720
           30           IN       5       0       0
           31           IO       5       0       0
           32           JR    PREC    1.00    0.98    0.97    0.96    0.95    0.94    0.93
                        *

           33           KK   ONSITE
           34           KM   INPUT HYDROGRAPH FROM FLO-2D MODEL
           35           KO       1
           36           QI     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
           37           QI     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
           38           QI     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
           39           QI     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
           40           QI     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
           41           QI     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
           42           QI     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
           43           QI     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
           44           QI     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
           45           QI     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
           46           QI     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
           47           QI     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
           48           QI     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
           49           QI     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
           50           QI     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
           51           QI     0.0     0.0     0.0     0.0     0.0     0.0     0.0     1.0     2.0     3.0
           52           QI     3.6     4.2     4.7     5.5     6.3     7.0     8.9    10.7    12.6    15.9
1                                                HEC-1 INPUT                                                          PAGE  2

          LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

           53           QI    19.2    22.5    22.5    22.5    22.4    22.3    24.1    25.0    26.2    27.5
           54           QI    28.8    29.7    30.5    31.4    35.1    38.7    42.4    46.2    49.9    53.7
           55           QI    63.2    72.6    82.1   108.0   133.9   159.8   184.1   208.5   232.8   266.9
           56           QI   300.9   334.9   391.3   447.8   504.2   573.0   641.8   710.5   745.7   780.8
           57           QI   816.0   847.2   878.5   909.8   941.6   973.3  1005.1  1040.4  1075.8  1111.1
           58           QI  1142.4  1173.7  1205.0  1229.5  1254.0  1278.6  1315.6  1352.6  1389.6  1433.1
```

```
  59          QI  1476.7  1520.2  1548.2  1576.1  1604.1  1638.3  1672.4  1706.6  1789.5  1872.3
  60          QI  1955.2  2851.6  3748.0  4644.4  5795.1  6945.9  8096.7  8551.8  9006.9  9462.0
  61          QI  9895.1 10328.2 10761.3 10808.0 10690.2 10572.5 10396.3 10220.2 10044.1  9875.9
  62          QI  9707.7  9539.6  9368.7  9197.9  9027.1  8864.2  8701.4  8538.6  8396.6  8254.5
  63          QI  8112.4  7996.5  7880.6  7764.7  7665.5  7566.3  7467.1  7381.5  7296.0  7210.5
  64          QI  7139.1  7067.8  6996.5  6933.0  6869.6  6806.1  6752.2  6698.3  6644.4  6590.8
  65          QI  6537.2  6483.5  6432.9  6382.2  6331.6  6289.0  6246.4  6203.8  6166.2  6128.5
  66          QI  6090.8  6056.3  6021.7  5987.2  5952.9  5918.5  5884.2  5855.7  5827.1  5798.6
  67          QI  5774.0  5749.4  5724.8  5703.7  5682.6  5661.5  5639.8  5618.2  5596.6  5572.7
  68          QI  5548.8  5524.9  5509.2  5493.5  5477.9  5454.0  5430.2  5406.4  5384.7  5363.0
  69          QI  5341.3  5317.7  5294.1  5270.5  5238.7  5206.8  5175.0  5131.7  5088.5  5045.3
  70          QI  4997.5  4949.7  4901.9  4845.5  4789.1  4732.6  4671.5  4610.3  4549.2  4481.1
  71          QI  4413.0  4344.9  4273.2  4201.6  4129.9  4059.9  3989.9  3919.9  3853.2  3786.4
  72          QI  3719.7  3651.7  3583.7  3515.7  3452.2  3388.8  3325.3  3265.7  3206.0  3146.4
  73          QI  3092.5  3038.5  2984.6  2937.4  2890.3  2843.2  2796.3  2749.3  2702.4  2665.0
  74          QI  2627.5  2590.1  2551.8  2513.5  2475.3  2436.1  2396.9  2357.8  2325.4  2293.0
  75          QI  2260.6  2228.8  2197.0  2165.2  2135.4  2105.7  2075.9  2048.2  2020.4  1992.7
  76          QI  1965.2  1937.7  1910.3  1883.4  1856.5  1829.7  1801.5  1773.4  1745.2  1719.9
  77          QI  1694.5  1669.2  1645.0  1620.7  1596.5  1572.9  1549.3  1525.7  1502.3  1478.9
  78          QI  1455.6  1432.3  1409.1  1385.9  1363.2  1340.6  1317.9  1298.8  1279.6  1260.5
  79          QI  1241.0  1221.6  1202.1  1180.6  1159.0  1137.5  1116.7  1096.0  1075.3  1058.5
  80          QI  1041.7  1024.9  1007.1   989.3   971.5   957.4   943.4   929.4   914.3   899.1
  81          QI   884.0   869.3   854.5   839.8   828.2   816.7   805.1   792.7   780.4   768.0
  82          QI   757.4   746.8   736.2   727.3   718.3   709.3   701.4   693.5   685.6   673.5
  83          QI   661.5   649.5   641.5   633.5   625.5   617.1   608.6   600.2   590.9   581.6
  84          QI   572.4   565.4   558.5   551.5   544.1   536.7   529.3   522.7   516.2   509.7
  85          QI   501.6   493.5   485.4   477.8   470.1   462.5   454.8   447.1   439.5   433.3
  86          QI   427.0   420.8   415.8   410.8   405.8   400.5   395.2   390.0   383.9   377.8
  87          QI   371.6   366.8   361.9   357.1   351.0   345.0   338.9   334.4   329.9   325.4
  88          QI   323.0   320.6   318.2   312.9   307.7   302.4   299.9   297.4   294.9   291.8
  89          QI   288.7   285.6   282.4   279.1   275.8   272.9   270.0   267.1   262.9   258.7
  90          QI   254.5   251.9   249.2   246.5   243.6   240.7   237.8   233.2   228.6   224.0
  91          QI   220.4   216.8   213.2   211.4   209.5   207.7   203.6   199.6   195.6   193.4
  92          QI   191.3   189.2   185.7   182.2   178.6   175.0   171.3   167.7   164.9   162.2
  93          QI   159.4   157.4   155.4   153.4   151.2   149.0   146.8   144.1   141.4   138.7
  94          QI   136.5   134.2   132.0   129.1   126.2   123.3   120.5   117.7   114.8   112.4
  95          QI   110.0   107.6   104.5   101.5    98.4    96.9    95.5    94.0    91.3    88.6
  96          QI    86.0    83.5    81.1    78.7    78.6    78.5    78.4    75.7    73.1    70.4
  97          QI    69.4    68.4    67.5    65.8    64.0    62.3    61.2    60.1    59.0    58.6
  98          QI    58.3    57.9    56.0    54.1    52.2    52.2    52.1    52.0    51.9    51.7
  99          QI    51.5    51.6    51.7    51.8    50.7    49.6    48.5    46.7    44.9    43.1
 100          QI    42.6    42.2    41.7    41.4    41.0    40.7    40.0    39.4    38.7    37.7
 101          QI    36.6    35.6    34.8    34.1    33.4    33.1    32.7    32.4    31.5    30.6
 102          QI    29.7    26.4    25.6    24.8    24.2    23.7    23.1    23.3    23.0    22.6
 103          QI    22.2    21.7    21.2    20.3    19.5    18.7    18.0    17.4    16.8    16.7
 104          QI    16.6    16.5    16.3    16.1    15.9    16.3    16.6    17.0    14.6    12.3
 105          QI     9.9    10.1    10.2    10.4     9.8     9.2     8.6     8.5     8.4     8.3
 106          QI     7.2     6.1     5.0     4.4     3.8     3.2     2.7     2.2     1.7     1.6
 107          QI     1.4     1.3     1.1     0.9     0.7     0.6     0.4     0.3     0.3     0.3
1                                                HEC-1 INPUT                                          PAGE  3

LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

 108          QI     0.3     0.2     0.1     0.0     0.0     0.0     0.0     0.0     0.0     0.0
              *

 109          KK     PKB
 110          KO       1
 111          KM   PEAKING BASIN
 112          RS       1    STOR       0
 113          SV       0     0.7    17.9    61.6    68.6   144.4   168.4   194.0   280.6
 114          SE    2585    2586    2587    2588  2588.8  2589.0  2589.2  2589.4  2590.0
 115          SQ       0       0       0       0       0    1984    5681   10519   29949
              *

 116          KK    STA1
 117          KM   DEV.OFFSITE BASIN
 118          KM   (TEMPORARY STAGING AREA)
 119          KM   ***AMC II CN USED***
 120          PB    2.90
 121          PI   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011
 122          PI   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011
 123          PI   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011
 124          PI   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011
 125          PI   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011
 126          PI   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011
 127          PI   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011
 128          PI   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011
 129          PI   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011
 130          PI   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011
 131          PI   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011
 132          PI   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011
 133          PI   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011
 134          PI   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011
 135          PI   0.011   0.011   0.011   0.010   0.009   0.009   0.009   0.009   0.009   0.009
 136          PI   0.009   0.009   0.009   0.009   0.009   0.009   0.009   0.009   0.009   0.009
 137          PI   0.009   0.009   0.009   0.009   0.009   0.009   0.009   0.063   0.068   0.068
 138          PI   0.068   0.068   0.068   0.068   0.068   0.068   0.068   0.068   0.068   0.068
 139          PI   0.068   0.068   0.068   0.042   0.044   0.044   0.044   0.114   0.115   0.115
 140          PI   0.115   0.314   0.115   0.045   0.044   0.069   0.068   0.068   0.068   0.068
 141          PI   0.068   0.068   0.068   0.013   0.009   0.009   0.009   0.009   0.009   0.009
 142          PI   0.009   0.009   0.009   0.009   0.009   0.011   0.011   0.011   0.011   0.011
 143          PI   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011
 144          PI   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011
 145          PI   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011
 146          PI   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011
 147          PI   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011
 148          PI   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.011
 149          PI   0.011   0.011   0.011   0.011   0.011   0.011   0.011   0.012
 150          BA    0.28
 151          LS            90.3
 152          KM   SB COUNTY VALLEY:UNDEV S-GRAPH
 153          KM   UHG (DERIVED BY AES SOFTWARE)
 154          UI    84.5   337.7   558.4   399.0   202.2   125.8    90.6    68.9    52.9    44.1
 155          UI    35.9    30.2    25.5    23.0    16.9    15.8    13.2     6.2     5.8     5.8
 156          UI     5.8     5.8     5.8     5.8     1.2
              *
1                                                HEC-1 INPUT                                          PAGE  4

LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10
```

```
            157           KK     CPD
            158           KM   COMBINE PKB, STA1
            159           KO       1
            160           HC       2
                          *
            161           ZZ
1
                 SCHEMATIC DIAGRAM OF STREAM NETWORK
 INPUT
  LINE      (V) ROUTING          (--->) DIVERSION OR PUMP FLOW

   NO.      (.) CONNECTOR        (<---) RETURN OF DIVERTED OR PUMPED FLOW

 *** HEC1 ERROR 4 *** NO HYDROGRAPHS AVAILABLE TO ROUTE
                 V
                 V
   109         PKB
                 .
                 .
   116           .        STA1
                 .           .
                 .           .
   157         CPD...........

 (***) RUNOFF ALSO COMPUTED AT THIS LOCATION

          1 ERRORS IN STREAM SYSTEM
1****************************************
****************************************
 *                                    *                                                    *
*
 *   FLOOD HYDROGRAPH PACKAGE  (HEC-1)   *                                                    *    U.S. ARMY CORPS OF ENGINEERS
*
 *               JUN   1998             *                                                    *    HYDROLOGIC ENGINEERING CENTER
*
 *            VERSION 4.1               *                                                    *          609 SECOND STREET
*
 *                                      *                                                    *       DAVIS, CALIFORNIA 95616
*
 *  RUN DATE   26MAY11  TIME  16:07:38  *                                                    *           (916) 756-1104
*
 *                                      *                                                    *
*
 ****************************************
****************************************


                          ********************************************************************
                             TECHNICAL DRAINAGE STUDY
                             HIDDEN HILLS RANCH SEGS
                             FILE_________________________7302DA100.DAT
                             CONDITION____________________100-YEAR - POST CONSTRUCTION CONDITION
                             STORM DURATION_______________24 HOURS (SB COUNTY STORM)
                             DATE_________________________05-2011
                             DISTRIBUTION_________________SAN BERNARDINO COUNTY METHODOLOGY
                             AMC CONDITION ________________AMC I& II CN'S USED
                             MODELED BY___________________VTN NEVADA
                          ********************************************************************
                           DEPTH-AREA REDUCTION FACTOR (DARF) REF. FROM SB COUNTY
                           DEPTH AREA CURVES (FIG. E-4).

                             BASIN AREA
                            RANGE(sq.mi.)          DARF

                               1 -  10             1.00
                               10 - 20             0.98
                               20 - 30             0.97
                               30 - 50             0.96
                               50 - 70             0.95
                               70 - 100            0.94
                               100 -350            0.93
                          ********************************************************************


   31 IO          OUTPUT CONTROL VARIABLES
                        IPRNT           5  PRINT CONTROL
                        IPLOT           0  PLOT CONTROL
                        QSCAL          0.  HYDROGRAPH PLOT SCALE

      IT          HYDROGRAPH TIME DATA
                         NMIN           5  MINUTES IN COMPUTATION INTERVAL
                        IDATE      1    0  STARTING DATE
                        ITIME        0000  STARTING TIME
                           NQ         720  NUMBER OF HYDROGRAPH ORDINATES
                       NDDATE      3    0  ENDING DATE
                       NDTIME        1155  ENDING TIME
                       ICENT           19  CENTURY MARK

                    COMPUTATION INTERVAL     .08 HOURS
                         TOTAL TIME BASE   59.92 HOURS

           ENGLISH UNITS
                DRAINAGE AREA         SQUARE MILES
                PRECIPITATION DEPTH   INCHES
                LENGTH, ELEVATION     FEET
                FLOW                  CUBIC FEET PER SECOND
                STORAGE VOLUME        ACRE-FEET
                SURFACE AREA          ACRES
                TEMPERATURE           DEGREES FAHRENHEIT

      JP          MULTI-PLAN OPTION
                        NPLAN           1  NUMBER OF PLANS

      JR          MULTI-RATIO OPTION
                      RATIOS OF PRECIPITATION
                     1.00       .98       .97       .96       .95       .94       .93
```

```
 *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** ***
***


             **************
             *            *
   33 KK     *    ONSIT   *      E
             *            *
             **************

   35 KO          OUTPUT CONTROL VARIABLES
                        IPRNT           1  PRINT CONTROL
                        IPLOT           0  PLOT CONTROL
                        QSCAL          0.  HYDROGRAPH PLOT SCALE

   30 IN          TIME DATA FOR INPUT TIME SERIES
                        JXMIN           5  TIME INTERVAL IN MINUTES
                       JXDATE      1    0  STARTING DATE
                       JXTIME           0  STARTING TIME

                SUBBASIN RUNOFF DATA

    0 BA          SUBBASIN CHARACTERISTICS
                        TAREA         .00  SUBBASIN AREA
                                                                    ***

*****************************************************************************************************************************************
*

                                                            HYDROGRAPH AT STATION    ONSIT

*****************************************************************************************************************************************
*
```

DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	*	1		1500	181	29.	*	2		0600	361	3720.	*	2		2100	541	255.
1		0005	2	0.	*	1		1505	182	30.	*	2		0605	362	3652.	*	2		2105	542	252.
1		0010	3	0.	*	1		1510	183	31.	*	2		0610	363	3584.	*	2		2110	543	249.
1		0015	4	0.	*	1		1515	184	31.	*	2		0615	364	3516.	*	2		2115	544	247.
1		0020	5	0.	*	1		1520	185	35.	*	2		0620	365	3452.	*	2		2120	545	244.
1		0025	6	0.	*	1		1525	186	39.	*	2		0625	366	3389.	*	2		2125	546	241.
1		0030	7	0.	*	1		1530	187	42.	*	2		0630	367	3325.	*	2		2130	547	238.
1		0035	8	0.	*	1		1535	188	46.	*	2		0635	368	3266.	*	2		2135	548	233.
1		0040	9	0.	*	1		1540	189	50.	*	2		0640	369	3206.	*	2		2140	549	229.
1		0045	10	0.	*	1		1545	190	54.	*	2		0645	370	3146.	*	2		2145	550	224.
1		0050	11	0.	*	1		1550	191	63.	*	2		0650	371	3093.	*	2		2150	551	220.
1		0055	12	0.	*	1		1555	192	73.	*	2		0655	372	3039.	*	2		2155	552	217.
1		0100	13	0.	*	1		1600	193	82.	*	2		0700	373	2985.	*	2		2200	553	213.
1		0105	14	0.	*	1		1605	194	108.	*	2		0705	374	2937.	*	2		2205	554	211.
1		0110	15	0.	*	1		1610	195	134.	*	2		0710	375	2890.	*	2		2210	555	210.
1		0115	16	0.	*	1		1615	196	160.	*	2		0715	376	2843.	*	2		2215	556	208.
1		0120	17	0.	*	1		1620	197	184.	*	2		0720	377	2796.	*	2		2220	557	204.
1		0125	18	0.	*	1		1625	198	209.	*	2		0725	378	2749.	*	2		2225	558	200.
1		0130	19	0.	*	1		1630	199	233.	*	2		0730	379	2702.	*	2		2230	559	196.
1		0135	20	0.	*	1		1635	200	267.	*	2		0735	380	2665.	*	2		2235	560	193.
1		0140	21	0.	*	1		1640	201	301.	*	2		0740	381	2628.	*	2		2240	561	191.
1		0145	22	0.	*	1		1645	202	335.	*	2		0745	382	2590.	*	2		2245	562	189.
1		0150	23	0.	*	1		1650	203	391.	*	2		0750	383	2552.	*	2		2250	563	186.
1		0155	24	0.	*	1		1655	204	448.	*	2		0755	384	2514.	*	2		2255	564	182.
1		0200	25	0.	*	1		1700	205	504.	*	2		0800	385	2475.	*	2		2300	565	179.
1		0205	26	0.	*	1		1705	206	573.	*	2		0805	386	2436.	*	2		2305	566	175.
1		0210	27	0.	*	1		1710	207	642.	*	2		0810	387	2397.	*	2		2310	567	171.
1		0215	28	0.	*	1		1715	208	711.	*	2		0815	388	2358.	*	2		2315	568	168.
1		0220	29	0.	*	1		1720	209	746.	*	2		0820	389	2325.	*	2		2320	569	165.
1		0225	30	0.	*	1		1725	210	781.	*	2		0825	390	2293.	*	2		2325	570	162.
1		0230	31	0.	*	1		1730	211	816.	*	2		0830	391	2261.	*	2		2330	571	159.
1		0235	32	0.	*	1		1735	212	847.	*	2		0835	392	2229.	*	2		2335	572	157.
1		0240	33	0.	*	1		1740	213	879.	*	2		0840	393	2197.	*	2		2340	573	155.
1		0245	34	0.	*	1		1745	214	910.	*	2		0845	394	2165.	*	2		2345	574	153.
1		0250	35	0.	*	1		1750	215	942.	*	2		0850	395	2135.	*	2		2350	575	151.
1		0255	36	0.	*	1		1755	216	973.	*	2		0855	396	2106.	*	2		2355	576	149.
1		0300	37	0.	*	1		1800	217	1005.	*	2		0900	397	2076.	*	3		0000	577	147.
1		0305	38	0.	*	1		1805	218	1040.	*	2		0905	398	2048.	*	3		0005	578	144.
1		0310	39	0.	*	1		1810	219	1076.	*	2		0910	399	2020.	*	3		0010	579	141.
1		0315	40	0.	*	1		1815	220	1111.	*	2		0915	400	1993.	*	3		0015	580	139.
1		0320	41	0.	*	1		1820	221	1142.	*	2		0920	401	1965.	*	3		0020	581	137.
1		0325	42	0.	*	1		1825	222	1174.	*	2		0925	402	1938.	*	3		0025	582	134.
1		0330	43	0.	*	1		1830	223	1205.	*	2		0930	403	1910.	*	3		0030	583	132.
1		0335	44	0.	*	1		1835	224	1230.	*	2		0935	404	1883.	*	3		0035	584	129.
1		0340	45	0.	*	1		1840	225	1254.	*	2		0940	405	1857.	*	3		0040	585	126.
1		0345	46	0.	*	1		1845	226	1279.	*	2		0945	406	1830.	*	3		0045	586	123.
1		0350	47	0.	*	1		1850	227	1316.	*	2		0950	407	1802.	*	3		0050	587	121.
1		0355	48	0.	*	1		1855	228	1353.	*	2		0955	408	1773.	*	3		0055	588	118.
1		0400	49	0.	*	1		1900	229	1390.	*	2		1000	409	1745.	*	3		0100	589	115.
1		0405	50	0.	*	1		1905	230	1433.	*	2		1005	410	1720.	*	3		0105	590	112.
1		0410	51	0.	*	1		1910	231	1477.	*	2		1010	411	1695.	*	3		0110	591	110.
1		0415	52	0.	*	1		1915	232	1520.	*	2		1015	412	1669.	*	3		0115	592	108.
1		0420	53	0.	*	1		1920	233	1548.	*	2		1020	413	1645.	*	3		0120	593	105.
1		0425	54	0.	*	1		1925	234	1576.	*	2		1025	414	1621.	*	3		0125	594	102.
1		0430	55	0.	*	1		1930	235	1604.	*	2		1030	415	1597.	*	3		0130	595	98.
1		0435	56	0.	*	1		1935	236	1638.	*	2		1035	416	1573.	*	3		0135	596	97.
1		0440	57	0.	*	1		1940	237	1672.	*	2		1040	417	1549.	*	3		0140	597	96.
1		0445	58	0.	*	1		1945	238	1707.	*	2		1045	418	1526.	*	3		0145	598	94.
1		0450	59	0.	*	1		1950	239	1790.	*	2		1050	419	1502.	*	3		0150	599	91.
1		0455	60	0.	*	1		1955	240	1872.	*	2		1055	420	1479.	*	3		0155	600	89.
1		0500	61	0.	*	1		2000	241	1955.	*	2		1100	421	1456.	*	3		0200	601	86.
1		0505	62	0.	*	1		2005	242	2852.	*	2		1105	422	1432.	*	3		0205	602	84.
1		0510	63	0.	*	1		2010	243	3748.	*	2		1110	423	1409.	*	3		0210	603	81.
1		0515	64	0.	*	1		2015	244	4644.	*	2		1115	424	1386.	*	3		0215	604	79.
1		0520	65	0.	*	1		2020	245	5795.	*	2		1120	425	1363.	*	3		0220	605	79.
1		0525	66	0.	*	1		2025	246	6946.	*	2		1125	426	1341.	*	3		0225	606	79.
1		0530	67	0.	*	1		2030	247	8097.	*	2		1130	427	1318.	*	3		0230	607	78.
1		0535	68	0.	*	1		2035	248	8552.	*	2		1135	428	1299.	*	3		0235	608	76.
1		0540	69	0.	*	1		2040	249	9007.	*	2		1140	429	1280.	*	3		0240	609	73.
1		0545	70	0.	*	1		2045	250	9462.	*	2		1145	430	1261.	*	3		0245	610	70.
1		0550	71	0.	*	1		2050	251	9895.	*	2		1150	431	1241.	*	3		0250	611	69.

1	0555	72	0.	*	1	2055	252	10328.	*	2	1155	432	1222.	*	3	0255	612	68.
1	0600	73	0.	*	1	2100	253	10761.	*	2	1200	433	1202.	*	3	0300	613	68.
1	0605	74	0.	*	1	2105	254	10808.	*	2	1205	434	1181.	*	3	0305	614	66.
1	0610	75	0.	*	1	2110	255	10690.	*	2	1210	435	1159.	*	3	0310	615	64.
1	0615	76	0.	*	1	2115	256	10573.	*	2	1215	436	1138.	*	3	0315	616	62.
1	0620	77	0.	*	1	2120	257	10396.	*	2	1220	437	1117.	*	3	0320	617	61.
1	0625	78	0.	*	1	2125	258	10220.	*	2	1225	438	1096.	*	3	0325	618	60.
1	0630	79	0.	*	1	2130	259	10044.	*	2	1230	439	1075.	*	3	0330	619	59.
1	0635	80	0.	*	1	2135	260	9876.	*	2	1235	440	1059.	*	3	0335	620	59.
1	0640	81	0.	*	1	2140	261	9708.	*	2	1240	441	1042.	*	3	0340	621	58.
1	0645	82	0.	*	1	2145	262	9540.	*	2	1245	442	1025.	*	3	0345	622	58.
1	0650	83	0.	*	1	2150	263	9369.	*	2	1250	443	1007.	*	3	0350	623	56.
1	0655	84	0.	*	1	2155	264	9198.	*	2	1255	444	989.	*	3	0355	624	54.
1	0700	85	0.	*	1	2200	265	9027.	*	2	1300	445	972.	*	3	0400	625	52.
1	0705	86	0.	*	1	2205	266	8864.	*	2	1305	446	957.	*	3	0405	626	52.
1	0710	87	0.	*	1	2210	267	8701.	*	2	1310	447	943.	*	3	0410	627	52.
1	0715	88	0.	*	1	2215	268	8539.	*	2	1315	448	929.	*	3	0415	628	52.
1	0720	89	0.	*	1	2220	269	8397.	*	2	1320	449	914.	*	3	0420	629	52.
1	0725	90	0.	*	1	2225	270	8255.	*	2	1325	450	899.	*	3	0425	630	52.
1	0730	91	0.	*	1	2230	271	8112.	*	2	1330	451	884.	*	3	0430	631	52.
1	0735	92	0.	*	1	2235	272	7997.	*	2	1335	452	869.	*	3	0435	632	52.
1	0740	93	0.	*	1	2240	273	7881.	*	2	1340	453	855.	*	3	0440	633	52.
1	0745	94	0.	*	1	2245	274	7765.	*	2	1345	454	840.	*	3	0445	634	52.
1	0750	95	0.	*	1	2250	275	7666.	*	2	1350	455	828.	*	3	0450	635	51.
1	0755	96	0.	*	1	2255	276	7566.	*	2	1355	456	817.	*	3	0455	636	50.
1	0800	97	0.	*	1	2300	277	7467.	*	2	1400	457	805.	*	3	0500	637	49.
1	0805	98	0.	*	1	2305	278	7382.	*	2	1405	458	793.	*	3	0505	638	47.
1	0810	99	0.	*	1	2310	279	7296.	*	2	1410	459	780.	*	3	0510	639	45.
1	0815	100	0.	*	1	2315	280	7211.	*	2	1415	460	768.	*	3	0515	640	43.
1	0820	101	0.	*	1	2320	281	7139.	*	2	1420	461	757.	*	3	0520	641	43.
1	0825	102	0.	*	1	2325	282	7068.	*	2	1425	462	747.	*	3	0525	642	42.
1	0830	103	0.	*	1	2330	283	6997.	*	2	1430	463	736.	*	3	0530	643	42.
1	0835	104	0.	*	1	2335	284	6933.	*	2	1435	464	727.	*	3	0535	644	41.
1	0840	105	0.	*	1	2340	285	6870.	*	2	1440	465	718.	*	3	0540	645	41.
1	0845	106	0.	*	1	2345	286	6806.	*	2	1445	466	709.	*	3	0545	646	41.
1	0850	107	0.	*	1	2350	287	6752.	*	2	1450	467	701.	*	3	0550	647	40.
1	0855	108	0.	*	1	2355	288	6698.	*	2	1455	468	694.	*	3	0555	648	39.
1	0900	109	0.	*	2	0000	289	6644.	*	2	1500	469	686.	*	3	0600	649	39.
1	0905	110	0.	*	2	0005	290	6591.	*	2	1505	470	674.	*	3	0605	650	38.
1	0910	111	0.	*	2	0010	291	6537.	*	2	1510	471	662.	*	3	0610	651	37.
1	0915	112	0.	*	2	0015	292	6484.	*	2	1515	472	650.	*	3	0615	652	36.
1	0920	113	0.	*	2	0020	293	6433.	*	2	1520	473	642.	*	3	0620	653	35.
1	0925	114	0.	*	2	0025	294	6382.	*	2	1525	474	634.	*	3	0625	654	34.
1	0930	115	0.	*	2	0030	295	6332.	*	2	1530	475	626.	*	3	0630	655	33.
1	0935	116	0.	*	2	0035	296	6289.	*	2	1535	476	617.	*	3	0635	656	33.
1	0940	117	0.	*	2	0040	297	6246.	*	2	1540	477	609.	*	3	0640	657	33.
1	0945	118	0.	*	2	0045	298	6204.	*	2	1545	478	600.	*	3	0645	658	32.
1	0950	119	0.	*	2	0050	299	6166.	*	2	1550	479	591.	*	3	0650	659	32.
1	0955	120	0.	*	2	0055	300	6129.	*	2	1555	480	582.	*	3	0655	660	31.
1	1000	121	0.	*	2	0100	301	6091.	*	2	1600	481	572.	*	3	0700	661	30.
1	1005	122	0.	*	2	0105	302	6056.	*	2	1605	482	565.	*	3	0705	662	26.
1	1010	123	0.	*	2	0110	303	6022.	*	2	1610	483	559.	*	3	0710	663	26.
1	1015	124	0.	*	2	0115	304	5987.	*	2	1615	484	552.	*	3	0715	664	25.
1	1020	125	0.	*	2	0120	305	5953.	*	2	1620	485	544.	*	3	0720	665	24.
1	1025	126	0.	*	2	0125	306	5919.	*	2	1625	486	537.	*	3	0725	666	24.
1	1030	127	0.	*	2	0130	307	5884.	*	2	1630	487	529.	*	3	0730	667	23.
1	1035	128	0.	*	2	0135	308	5856.	*	2	1635	488	523.	*	3	0735	668	23.
1	1040	129	0.	*	2	0140	309	5827.	*	2	1640	489	516.	*	3	0740	669	23.
1	1045	130	0.	*	2	0145	310	5799.	*	2	1645	490	510.	*	3	0745	670	23.
1	1050	131	0.	*	2	0150	311	5774.	*	2	1650	491	502.	*	3	0750	671	22.
1	1055	132	0.	*	2	0155	312	5749.	*	2	1655	492	494.	*	3	0755	672	22.
1	1100	133	0.	*	2	0200	313	5725.	*	2	1700	493	485.	*	3	0800	673	21.
1	1105	134	0.	*	2	0205	314	5704.	*	2	1705	494	478.	*	3	0805	674	20.
1	1110	135	0.	*	2	0210	315	5683.	*	2	1710	495	470.	*	3	0810	675	20.
1	1115	136	0.	*	2	0215	316	5662.	*	2	1715	496	463.	*	3	0815	676	19.
1	1120	137	0.	*	2	0220	317	5640.	*	2	1720	497	455.	*	3	0820	677	18.
1	1125	138	0.	*	2	0225	318	5618.	*	2	1725	498	447.	*	3	0825	678	17.
1	1130	139	0.	*	2	0230	319	5597.	*	2	1730	499	440.	*	3	0830	679	17.
1	1135	140	0.	*	2	0235	320	5573.	*	2	1735	500	433.	*	3	0835	680	17.
1	1140	141	0.	*	2	0240	321	5549.	*	2	1740	501	427.	*	3	0840	681	17.
1	1145	142	0.	*	2	0245	322	5525.	*	2	1745	502	421.	*	3	0845	682	17.
1	1150	143	0.	*	2	0250	323	5509.	*	2	1750	503	416.	*	3	0850	683	16.
1	1155	144	0.	*	2	0255	324	5494.	*	2	1755	504	411.	*	3	0855	684	16.
1	1200	145	0.	*	2	0300	325	5478.	*	2	1800	505	406.	*	3	0900	685	16.
1	1205	146	0.	*	2	0305	326	5454.	*	2	1805	506	401.	*	3	0905	686	16.
1	1210	147	0.	*	2	0310	327	5430.	*	2	1810	507	395.	*	3	0910	687	17.
1	1215	148	0.	*	2	0315	328	5406.	*	2	1815	508	390.	*	3	0915	688	17.
1	1220	149	0.	*	2	0320	329	5385.	*	2	1820	509	384.	*	3	0920	689	15.
1	1225	150	0.	*	2	0325	330	5363.	*	2	1825	510	378.	*	3	0925	690	12.
1	1230	151	0.	*	2	0330	331	5341.	*	2	1830	511	372.	*	3	0930	691	10.
1	1235	152	0.	*	2	0335	332	5318.	*	2	1835	512	367.	*	3	0935	692	10.
1	1240	153	0.	*	2	0340	333	5294.	*	2	1840	513	362.	*	3	0940	693	10.
1	1245	154	0.	*	2	0345	334	5271.	*	2	1845	514	357.	*	3	0945	694	10.
1	1250	155	0.	*	2	0350	335	5239.	*	2	1850	515	351.	*	3	0950	695	10.
1	1255	156	0.	*	2	0355	336	5207.	*	2	1855	516	345.	*	3	0955	696	9.
1	1300	157	0.	*	2	0400	337	5175.	*	2	1900	517	339.	*	3	1000	697	9.
1	1305	158	1.	*	2	0405	338	5132.	*	2	1905	518	334.	*	3	1005	698	9.
1	1310	159	2.	*	2	0410	339	5089.	*	2	1910	519	330.	*	3	1010	699	8.
1	1315	160	3.	*	2	0415	340	5045.	*	2	1915	520	325.	*	3	1015	700	8.
1	1320	161	4.	*	2	0420	341	4998.	*	2	1920	521	323.	*	3	1020	701	7.
1	1325	162	4.	*	2	0425	342	4950.	*	2	1925	522	321.	*	3	1025	702	6.
1	1330	163	5.	*	2	0430	343	4902.	*	2	1930	523	318.	*	3	1030	703	5.
1	1335	164	6.	*	2	0435	344	4846.	*	2	1935	524	313.	*	3	1035	704	4.
1	1340	165	6.	*	2	0440	345	4789.	*	2	1940	525	308.	*	3	1040	705	4.
1	1345	166	7.	*	2	0445	346	4733.	*	2	1945	526	302.	*	3	1045	706	3.
1	1350	167	9.	*	2	0450	347	4672.	*	2	1950	527	300.	*	3	1050	707	3.
1	1355	168	11.	*	2	0455	348	4610.	*	2	1955	528	297.	*	3	1055	708	2.
1	1400	169	13.	*	2	0500	349	4549.	*	2	2000	529	295.	*	3	1100	709	2.
1	1405	170	16.	*	2	0505	350	4481.	*	2	2005	530	292.	*	3	1105	710	2.
1	1410	171	19.	*	2	0510	351	4413.	*	2	2010	531	289.	*	3	1110	711	1.
1	1415	172	23.	*	2	0515	352	4345.	*	2	2015	532	286.	*	3	1115	712	1.
1	1420	173	23.	*	2	0520	353	4273.	*	2	2020	533	282.	*	3	1120	713	1.
1	1425	174	23.	*	2	0525	354	4202.	*	2	2025	534	279.	*	3	1125	714	1.
1	1430	175	22.	*	2	0530	355	4130.	*	2	2030	535	276.	*	3	1130	715	1.
1	1435	176	22.	*	2	0535	356	4060.	*	2	2035	536	273.	*	3	1135	716	1.
1	1440	177	24.	*	2	0540	357	3990.	*	2	2040	537	270.	*	3	1140	717	0.
1	1445	178	25.	*	2	0545	358	3920.	*	2	2045	538	267.	*	3	1145	718	0.
1	1450	179	26.	*	2	0550	359	3853.	*	2	2050	539	263.	*	3	1150	719	0.
1	1455	180	28.	*	2	0555	360	3786.	*	2	2055	540	259.	*	3	1155	720	0.
				*					*					*				

****

*

PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	59.92-HR
+ (CFS)	(HR)					
		(CFS)				
+ 10808.	21.08		7537.	3549.	1470.	1470.
		(INCHES)	.000	.000	.000	.000
		(AC-FT)	3738.	7039.	7277.	7277.

CUMULATIVE AREA = .00 SQ MI

****
*

HYDROGRAPH AT STATION ONSIT
PLAN 1, RATIO = 1.00

****
*

DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1500	181	29.	2		0600	361	3720.	2		2100	541	255.
1		0005	2	0.	1		1505	182	30.	2		0605	362	3652.	2		2105	542	252.
1		0010	3	0.	1		1510	183	31.	2		0610	363	3584.	2		2110	543	249.
1		0015	4	0.	1		1515	184	31.	2		0615	364	3516.	2		2115	544	247.
1		0020	5	0.	1		1520	185	35.	2		0620	365	3452.	2		2120	545	244.
1		0025	6	0.	1		1525	186	39.	2		0625	366	3389.	2		2125	546	241.
1		0030	7	0.	1		1530	187	42.	2		0630	367	3325.	2		2130	547	238.
1		0035	8	0.	1		1535	188	46.	2		0635	368	3266.	2		2135	548	233.
1		0040	9	0.	1		1540	189	50.	2		0640	369	3206.	2		2140	549	229.
1		0045	10	0.	1		1545	190	54.	2		0645	370	3146.	2		2145	550	224.
1		0050	11	0.	1		1550	191	63.	2		0650	371	3093.	2		2150	551	220.
1		0055	12	0.	1		1555	192	73.	2		0655	372	3039.	2		2155	552	217.
1		0100	13	0.	1		1600	193	82.	2		0700	373	2985.	2		2200	553	213.
1		0105	14	0.	1		1605	194	108.	2		0705	374	2937.	2		2205	554	211.
1		0110	15	0.	1		1610	195	134.	2		0710	375	2890.	2		2210	555	210.
1		0115	16	0.	1		1615	196	160.	2		0715	376	2843.	2		2215	556	208.
1		0120	17	0.	1		1620	197	184.	2		0720	377	2796.	2		2220	557	204.
1		0125	18	0.	1		1625	198	209.	2		0725	378	2749.	2		2225	558	200.
1		0130	19	0.	1		1630	199	233.	2		0730	379	2702.	2		2230	559	196.
1		0135	20	0.	1		1635	200	267.	2		0735	380	2665.	2		2235	560	193.
1		0140	21	0.	1		1640	201	301.	2		0740	381	2628.	2		2240	561	191.
1		0145	22	0.	1		1645	202	335.	2		0745	382	2590.	2		2245	562	189.
1		0150	23	0.	1		1650	203	391.	2		0750	383	2552.	2		2250	563	186.
1		0155	24	0.	1		1655	204	448.	2		0755	384	2514.	2		2255	564	182.
1		0200	25	0.	1		1700	205	504.	2		0800	385	2475.	2		2300	565	179.
1		0205	26	0.	1		1705	206	573.	2		0805	386	2436.	2		2305	566	175.
1		0210	27	0.	1		1710	207	642.	2		0810	387	2397.	2		2310	567	171.
1		0215	28	0.	1		1715	208	711.	2		0815	388	2358.	2		2315	568	168.
1		0220	29	0.	1		1720	209	746.	2		0820	389	2325.	2		2320	569	165.
1		0225	30	0.	1		1725	210	781.	2		0825	390	2293.	2		2325	570	162.
1		0230	31	0.	1		1730	211	816.	2		0830	391	2261.	2		2330	571	159.
1		0235	32	0.	1		1735	212	847.	2		0835	392	2229.	2		2335	572	157.
1		0240	33	0.	1		1740	213	879.	2		0840	393	2197.	2		2340	573	155.
1		0245	34	0.	1		1745	214	910.	2		0845	394	2165.	2		2345	574	153.
1		0250	35	0.	1		1750	215	942.	2		0850	395	2135.	2		2350	575	151.
1		0255	36	0.	1		1755	216	973.	2		0855	396	2106.	2		2355	576	149.
1		0300	37	0.	1		1800	217	1005.	2		0900	397	2076.	3		0000	577	147.
1		0305	38	0.	1		1805	218	1040.	2		0905	398	2048.	3		0005	578	144.
1		0310	39	0.	1		1810	219	1076.	2		0910	399	2020.	3		0010	579	141.
1		0315	40	0.	1		1815	220	1111.	2		0915	400	1993.	3		0015	580	139.
1		0320	41	0.	1		1820	221	1142.	2		0920	401	1965.	3		0020	581	137.
1		0325	42	0.	1		1825	222	1174.	2		0925	402	1938.	3		0025	582	134.
1		0330	43	0.	1		1830	223	1205.	2		0930	403	1910.	3		0030	583	132.
1		0335	44	0.	1		1835	224	1230.	2		0935	404	1883.	3		0035	584	129.
1		0340	45	0.	1		1840	225	1254.	2		0940	405	1857.	3		0040	585	126.
1		0345	46	0.	1		1845	226	1279.	2		0945	406	1830.	3		0045	586	123.
1		0350	47	0.	1		1850	227	1316.	2		0950	407	1802.	3		0050	587	121.
1		0355	48	0.	1		1855	228	1353.	2		0955	408	1773.	3		0055	588	118.
1		0400	49	0.	1		1900	229	1390.	2		1000	409	1745.	3		0100	589	115.
1		0405	50	0.	1		1905	230	1433.	2		1005	410	1720.	3		0105	590	112.
1		0410	51	0.	1		1910	231	1477.	2		1010	411	1695.	3		0110	591	110.
1		0415	52	0.	1		1915	232	1520.	2		1015	412	1669.	3		0115	592	108.
1		0420	53	0.	1		1920	233	1548.	2		1020	413	1645.	3		0120	593	105.
1		0425	54	0.	1		1925	234	1576.	2		1025	414	1621.	3		0125	594	102.
1		0430	55	0.	1		1930	235	1604.	2		1030	415	1597.	3		0130	595	98.
1		0435	56	0.	1		1935	236	1638.	2		1035	416	1573.	3		0135	596	97.
1		0440	57	0.	1		1940	237	1672.	2		1040	417	1549.	3		0140	597	96.
1		0445	58	0.	1		1945	238	1707.	2		1045	418	1526.	3		0145	598	94.
1		0450	59	0.	1		1950	239	1790.	2		1050	419	1502.	3		0150	599	91.
1		0455	60	0.	1		1955	240	1872.	2		1055	420	1479.	3		0155	600	89.
1		0500	61	0.	1		2000	241	1955.	2		1100	421	1456.	3		0200	601	86.
1		0505	62	0.	1		2005	242	2852.	2		1105	422	1432.	3		0205	602	84.
1		0510	63	0.	1		2010	243	3748.	2		1110	423	1409.	3		0210	603	81.
1		0515	64	0.	1		2015	244	4644.	2		1115	424	1386.	3		0215	604	79.
1		0520	65	0.	1		2020	245	5795.	2		1120	425	1363.	3		0220	605	79.
1		0525	66	0.	1		2025	246	6946.	2		1125	426	1341.	3		0225	606	79.
1		0530	67	0.	1		2030	247	8097.	2		1130	427	1318.	3		0230	607	78.
1		0535	68	0.	1		2035	248	8552.	2		1135	428	1299.	3		0235	608	76.
1		0540	69	0.	1		2040	249	9007.	2		1140	429	1280.	3		0240	609	73.
1		0545	70	0.	1		2045	250	9462.	2		1145	430	1261.	3		0245	610	70.
1		0550	71	0.	1		2050	251	9895.	2		1150	431	1241.	3		0250	611	69.
1		0555	72	0.	1		2055	252	10328.	2		1155	432	1222.	3		0255	612	68.
1		0600	73	0.	1		2100	253	10761.	2		1200	433	1202.	3		0300	613	68.
1		0605	74	0.	1		2105	254	10808.	2		1205	434	1181.	3		0305	614	66.
1		0610	75	0.	1		2110	255	10690.	2		1210	435	1159.	3		0310	615	64.
1		0615	76	0.	1		2115	256	10573.	2		1215	436	1138.	3		0315	616	62.
1		0620	77	0.	1		2120	257	10396.	2		1220	437	1117.	3		0320	617	61.
1		0625	78	0.	1		2125	258	10220.	2		1225	438	1096.	3		0325	618	60.
1		0630	79	0.	1		2130	259	10044.	2		1230	439	1075.	3		0330	619	59.
1		0635	80	0.	1		2135	260	9876.	2		1235	440	1059.	3		0335	620	59.
1		0640	81	0.	1		2140	261	9708.	2		1240	441	1042.	3		0340	621	58.
1		0645	82	0.	1		2145	262	9540.	2		1245	442	1025.	3		0345	622	58.
1		0650	83	0.	1		2150	263	9369.	2		1250	443	1007.	3		0350	623	56.
1		0655	84	0.	1		2155	264	9198.	2		1255	444	989.	3		0355	624	54.
1		0700	85	0.	1		2200	265	9027.	2		1300	445	972.	3		0400	625	52.
1		0705	86	0.	1		2205	266	8864.	2		1305	446	957.	3		0405	626	52.

1	0710	87	0.	*	1	2210	267	8701.	*	2	1310	447	943.	*	3	0410	627	52.
1	0715	88	0.	*	1	2215	268	8539.	*	2	1315	448	929.	*	3	0415	628	52.
1	0720	89	0.	*	1	2220	269	8397.	*	2	1320	449	914.	*	3	0420	629	52.
1	0725	90	0.	*	1	2225	270	8255.	*	2	1325	450	899.	*	3	0425	630	52.
1	0730	91	0.	*	1	2230	271	8112.	*	2	1330	451	884.	*	3	0430	631	52.
1	0735	92	0.	*	1	2235	272	7997.	*	2	1335	452	869.	*	3	0435	632	52.
1	0740	93	0.	*	1	2240	273	7881.	*	2	1340	453	855.	*	3	0440	633	52.
1	0745	94	0.	*	1	2245	274	7765.	*	2	1345	454	840.	*	3	0445	634	52.
1	0750	95	0.	*	1	2250	275	7666.	*	2	1350	455	828.	*	3	0450	635	51.
1	0755	96	0.	*	1	2255	276	7566.	*	2	1355	456	817.	*	3	0455	636	50.
1	0800	97	0.	*	1	2300	277	7467.	*	2	1400	457	805.	*	3	0500	637	49.
1	0805	98	0.	*	1	2305	278	7382.	*	2	1405	458	793.	*	3	0505	638	47.
1	0810	99	0.	*	1	2310	279	7296.	*	2	1410	459	780.	*	3	0510	639	45.
1	0815	100	0.	*	1	2315	280	7211.	*	2	1415	460	768.	*	3	0515	640	43.
1	0820	101	0.	*	1	2320	281	7139.	*	2	1420	461	757.	*	3	0520	641	43.
1	0825	102	0.	*	1	2325	282	7068.	*	2	1425	462	747.	*	3	0525	642	42.
1	0830	103	0.	*	1	2330	283	6997.	*	2	1430	463	736.	*	3	0530	643	42.
1	0835	104	0.	*	1	2335	284	6933.	*	2	1435	464	727.	*	3	0535	644	41.
1	0840	105	0.	*	1	2340	285	6870.	*	2	1440	465	718.	*	3	0540	645	41.
1	0845	106	0.	*	1	2345	286	6806.	*	2	1445	466	709.	*	3	0545	646	41.
1	0850	107	0.	*	1	2350	287	6752.	*	2	1450	467	701.	*	3	0550	647	40.
1	0855	108	0.	*	1	2355	288	6698.	*	2	1455	468	694.	*	3	0555	648	39.
1	0900	109	0.	*	2	0000	289	6644.	*	2	1500	469	686.	*	3	0600	649	39.
1	0905	110	0.	*	2	0005	290	6591.	*	2	1505	470	674.	*	3	0605	650	38.
1	0910	111	0.	*	2	0010	291	6537.	*	2	1510	471	662.	*	3	0610	651	37.
1	0915	112	0.	*	2	0015	292	6484.	*	2	1515	472	650.	*	3	0615	652	36.
1	0920	113	0.	*	2	0020	293	6433.	*	2	1520	473	642.	*	3	0620	653	35.
1	0925	114	0.	*	2	0025	294	6382.	*	2	1525	474	634.	*	3	0625	654	34.
1	0930	115	0.	*	2	0030	295	6332.	*	2	1530	475	626.	*	3	0630	655	33.
1	0935	116	0.	*	2	0035	296	6289.	*	2	1535	476	617.	*	3	0635	656	33.
1	0940	117	0.	*	2	0040	297	6246.	*	2	1540	477	609.	*	3	0640	657	33.
1	0945	118	0.	*	2	0045	298	6204.	*	2	1545	478	600.	*	3	0645	658	32.
1	0950	119	0.	*	2	0050	299	6166.	*	2	1550	479	591.	*	3	0650	659	32.
1	0955	120	0.	*	2	0055	300	6129.	*	2	1555	480	582.	*	3	0655	660	31.
1	1000	121	0.	*	2	0100	301	6091.	*	2	1600	481	572.	*	3	0700	661	30.
1	1005	122	0.	*	2	0105	302	6056.	*	2	1605	482	565.	*	3	0705	662	26.
1	1010	123	0.	*	2	0110	303	6022.	*	2	1610	483	559.	*	3	0710	663	26.
1	1015	124	0.	*	2	0115	304	5987.	*	2	1615	484	552.	*	3	0715	664	25.
1	1020	125	0.	*	2	0120	305	5953.	*	2	1620	485	544.	*	3	0720	665	24.
1	1025	126	0.	*	2	0125	306	5919.	*	2	1625	486	537.	*	3	0725	666	24.
1	1030	127	0.	*	2	0130	307	5884.	*	2	1630	487	529.	*	3	0730	667	23.
1	1035	128	0.	*	2	0135	308	5856.	*	2	1635	488	523.	*	3	0735	668	23.
1	1040	129	0.	*	2	0140	309	5827.	*	2	1640	489	516.	*	3	0740	669	23.
1	1045	130	0.	*	2	0145	310	5799.	*	2	1645	490	510.	*	3	0745	670	23.
1	1050	131	0.	*	2	0150	311	5774.	*	2	1650	491	502.	*	3	0750	671	22.
1	1055	132	0.	*	2	0155	312	5749.	*	2	1655	492	494.	*	3	0755	672	22.
1	1100	133	0.	*	2	0200	313	5725.	*	2	1700	493	485.	*	3	0800	673	21.
1	1105	134	0.	*	2	0205	314	5704.	*	2	1705	494	478.	*	3	0805	674	20.
1	1110	135	0.	*	2	0210	315	5683.	*	2	1710	495	470.	*	3	0810	675	20.
1	1115	136	0.	*	2	0215	316	5662.	*	2	1715	496	463.	*	3	0815	676	19.
1	1120	137	0.	*	2	0220	317	5640.	*	2	1720	497	455.	*	3	0820	677	18.
1	1125	138	0.	*	2	0225	318	5618.	*	2	1725	498	447.	*	3	0825	678	17.
1	1130	139	0.	*	2	0230	319	5597.	*	2	1730	499	440.	*	3	0830	679	17.
1	1135	140	0.	*	2	0235	320	5573.	*	2	1735	500	433.	*	3	0835	680	17.
1	1140	141	0.	*	2	0240	321	5549.	*	2	1740	501	427.	*	3	0840	681	17.
1	1145	142	0.	*	2	0245	322	5525.	*	2	1745	502	421.	*	3	0845	682	17.
1	1150	143	0.	*	2	0250	323	5509.	*	2	1750	503	416.	*	3	0850	683	16.
1	1155	144	0.	*	2	0255	324	5494.	*	2	1755	504	411.	*	3	0855	684	16.
1	1200	145	0.	*	2	0300	325	5478.	*	2	1800	505	406.	*	3	0900	685	16.
1	1205	146	0.	*	2	0305	326	5454.	*	2	1805	506	401.	*	3	0905	686	16.
1	1210	147	0.	*	2	0310	327	5430.	*	2	1810	507	395.	*	3	0910	687	17.
1	1215	148	0.	*	2	0315	328	5406.	*	2	1815	508	390.	*	3	0915	688	17.
1	1220	149	0.	*	2	0320	329	5385.	*	2	1820	509	384.	*	3	0920	689	15.
1	1225	150	0.	*	2	0325	330	5363.	*	2	1825	510	378.	*	3	0925	690	12.
1	1230	151	0.	*	2	0330	331	5341.	*	2	1830	511	372.	*	3	0930	691	10.
1	1235	152	0.	*	2	0335	332	5318.	*	2	1835	512	367.	*	3	0935	692	10.
1	1240	153	0.	*	2	0340	333	5294.	*	2	1840	513	362.	*	3	0940	693	10.
1	1245	154	0.	*	2	0345	334	5271.	*	2	1845	514	357.	*	3	0945	694	10.
1	1250	155	0.	*	2	0350	335	5239.	*	2	1850	515	351.	*	3	0950	695	10.
1	1255	156	0.	*	2	0355	336	5207.	*	2	1855	516	345.	*	3	0955	696	9.
1	1300	157	0.	*	2	0400	337	5175.	*	2	1900	517	339.	*	3	1000	697	9.
1	1305	158	1.	*	2	0405	338	5132.	*	2	1905	518	334.	*	3	1005	698	9.
1	1310	159	2.	*	2	0410	339	5089.	*	2	1910	519	330.	*	3	1010	699	8.
1	1315	160	3.	*	2	0415	340	5045.	*	2	1915	520	325.	*	3	1015	700	8.
1	1320	161	4.	*	2	0420	341	4998.	*	2	1920	521	323.	*	3	1020	701	7.
1	1325	162	4.	*	2	0425	342	4950.	*	2	1925	522	321.	*	3	1025	702	6.
1	1330	163	5.	*	2	0430	343	4902.	*	2	1930	523	318.	*	3	1030	703	5.
1	1335	164	6.	*	2	0435	344	4846.	*	2	1935	524	313.	*	3	1035	704	4.
1	1340	165	6.	*	2	0440	345	4789.	*	2	1940	525	308.	*	3	1040	705	4.
1	1345	166	7.	*	2	0445	346	4733.	*	2	1945	526	302.	*	3	1045	706	3.
1	1350	167	9.	*	2	0450	347	4672.	*	2	1950	527	300.	*	3	1050	707	3.
1	1355	168	11.	*	2	0455	348	4610.	*	2	1955	528	297.	*	3	1055	708	2.
1	1400	169	13.	*	2	0500	349	4549.	*	2	2000	529	295.	*	3	1100	709	2.
1	1405	170	16.	*	2	0505	350	4481.	*	2	2005	530	292.	*	3	1105	710	2.
1	1410	171	19.	*	2	0510	351	4413.	*	2	2010	531	289.	*	3	1110	711	1.
1	1415	172	23.	*	2	0515	352	4345.	*	2	2015	532	286.	*	3	1115	712	1.
1	1420	173	23.	*	2	0520	353	4273.	*	2	2020	533	282.	*	3	1120	713	1.
1	1425	174	23.	*	2	0525	354	4202.	*	2	2025	534	279.	*	3	1125	714	1.
1	1430	175	22.	*	2	0530	355	4130.	*	2	2030	535	276.	*	3	1130	715	1.
1	1435	176	22.	*	2	0535	356	4060.	*	2	2035	536	273.	*	3	1135	716	1.
1	1440	177	24.	*	2	0540	357	3990.	*	2	2040	537	270.	*	3	1140	717	0.
1	1445	178	25.	*	2	0545	358	3920.	*	2	2045	538	267.	*	3	1145	718	0.
1	1450	179	26.	*	2	0550	359	3853.	*	2	2050	539	263.	*	3	1150	719	0.
1	1455	180	28.	*	2	0555	360	3786.	*	2	2055	540	259.	*	3	1155	720	0.
				*					*					*				

****
*

PEAK FLOW (CFS)	TIME (HR)	MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	59.92-HR
+ 10808.	21.08	(CFS) 7537.	3549.	1470.	1470.
		(INCHES) .000	.000	.000	.000
		(AC-FT) 3738.	7039.	7277.	7277.

CUMULATIVE AREA = .00 SQ MI

****

*

HYDROGRAPH AT STATION ONSIT
PLAN 1, RATIO = .98

****
*

DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1500	181	29.	2		0600	361	3720.	2		2100	541	255.
1		0005	2	0.	1		1505	182	30.	2		0605	362	3652.	2		2105	542	252.
1		0010	3	0.	1		1510	183	31.	2		0610	363	3584.	2		2110	543	249.
1		0015	4	0.	1		1515	184	31.	2		0615	364	3516.	2		2115	544	247.
1		0020	5	0.	1		1520	185	35.	2		0620	365	3452.	2		2120	545	244.
1		0025	6	0.	1		1525	186	39.	2		0625	366	3389.	2		2125	546	241.
1		0030	7	0.	1		1530	187	42.	2		0630	367	3325.	2		2130	547	238.
1		0035	8	0.	1		1535	188	46.	2		0635	368	3266.	2		2135	548	233.
1		0040	9	0.	1		1540	189	50.	2		0640	369	3206.	2		2140	549	229.
1		0045	10	0.	1		1545	190	54.	2		0645	370	3146.	2		2145	550	224.
1		0050	11	0.	1		1550	191	63.	2		0650	371	3093.	2		2150	551	220.
1		0055	12	0.	1		1555	192	73.	2		0655	372	3039.	2		2155	552	217.
1		0100	13	0.	1		1600	193	82.	2		0700	373	2985.	2		2200	553	213.
1		0105	14	0.	1		1605	194	108.	2		0705	374	2937.	2		2205	554	211.
1		0110	15	0.	1		1610	195	134.	2		0710	375	2890.	2		2210	555	210.
1		0115	16	0.	1		1615	196	160.	2		0715	376	2843.	2		2215	556	208.
1		0120	17	0.	1		1620	197	184.	2		0720	377	2796.	2		2220	557	204.
1		0125	18	0.	1		1625	198	209.	2		0725	378	2749.	2		2225	558	200.
1		0130	19	0.	1		1630	199	233.	2		0730	379	2702.	2		2230	559	196.
1		0135	20	0.	1		1635	200	267.	2		0735	380	2665.	2		2235	560	193.
1		0140	21	0.	1		1640	201	301.	2		0740	381	2628.	2		2240	561	191.
1		0145	22	0.	1		1645	202	335.	2		0745	382	2590.	2		2245	562	189.
1		0150	23	0.	1		1650	203	391.	2		0750	383	2552.	2		2250	563	186.
1		0155	24	0.	1		1655	204	448.	2		0755	384	2514.	2		2255	564	182.
1		0200	25	0.	1		1700	205	504.	2		0800	385	2475.	2		2300	565	179.
1		0205	26	0.	1		1705	206	573.	2		0805	386	2436.	2		2305	566	175.
1		0210	27	0.	1		1710	207	642.	2		0810	387	2397.	2		2310	567	171.
1		0215	28	0.	1		1715	208	711.	2		0815	388	2358.	2		2315	568	168.
1		0220	29	0.	1		1720	209	746.	2		0820	389	2325.	2		2320	569	165.
1		0225	30	0.	1		1725	210	781.	2		0825	390	2293.	2		2325	570	162.
1		0230	31	0.	1		1730	211	816.	2		0830	391	2261.	2		2330	571	159.
1		0235	32	0.	1		1735	212	847.	2		0835	392	2229.	2		2335	572	157.
1		0240	33	0.	1		1740	213	879.	2		0840	393	2197.	2		2340	573	155.
1		0245	34	0.	1		1745	214	910.	2		0845	394	2165.	2		2345	574	153.
1		0250	35	0.	1		1750	215	942.	2		0850	395	2135.	2		2350	575	151.
1		0255	36	0.	1		1755	216	973.	2		0855	396	2106.	2		2355	576	149.
1		0300	37	0.	1		1800	217	1005.	2		0900	397	2076.	3		0000	577	147.
1		0305	38	0.	1		1805	218	1040.	2		0905	398	2048.	3		0005	578	144.
1		0310	39	0.	1		1810	219	1076.	2		0910	399	2020.	3		0010	579	141.
1		0315	40	0.	1		1815	220	1111.	2		0915	400	1993.	3		0015	580	139.
1		0320	41	0.	1		1820	221	1142.	2		0920	401	1965.	3		0020	581	137.
1		0325	42	0.	1		1825	222	1174.	2		0925	402	1938.	3		0025	582	134.
1		0330	43	0.	1		1830	223	1205.	2		0930	403	1910.	3		0030	583	132.
1		0335	44	0.	1		1835	224	1230.	2		0935	404	1883.	3		0035	584	129.
1		0340	45	0.	1		1840	225	1254.	2		0940	405	1857.	3		0040	585	126.
1		0345	46	0.	1		1845	226	1279.	2		0945	406	1830.	3		0045	586	123.
1		0350	47	0.	1		1850	227	1316.	2		0950	407	1802.	3		0050	587	121.
1		0355	48	0.	1		1855	228	1353.	2		0955	408	1773.	3		0055	588	118.
1		0400	49	0.	1		1900	229	1390.	2		1000	409	1745.	3		0100	589	115.
1		0405	50	0.	1		1905	230	1433.	2		1005	410	1720.	3		0105	590	112.
1		0410	51	0.	1		1910	231	1477.	2		1010	411	1695.	3		0110	591	110.
1		0415	52	0.	1		1915	232	1520.	2		1015	412	1669.	3		0115	592	108.
1		0420	53	0.	1		1920	233	1548.	2		1020	413	1645.	3		0120	593	105.
1		0425	54	0.	1		1925	234	1576.	2		1025	414	1621.	3		0125	594	102.
1		0430	55	0.	1		1930	235	1604.	2		1030	415	1597.	3		0130	595	98.
1		0435	56	0.	1		1935	236	1638.	2		1035	416	1573.	3		0135	596	97.
1		0440	57	0.	1		1940	237	1672.	2		1040	417	1549.	3		0140	597	96.
1		0445	58	0.	1		1945	238	1707.	2		1045	418	1526.	3		0145	598	94.
1		0450	59	0.	1		1950	239	1790.	2		1050	419	1502.	3		0150	599	91.
1		0455	60	0.	1		1955	240	1872.	2		1055	420	1479.	3		0155	600	89.
1		0500	61	0.	1		2000	241	1955.	2		1100	421	1456.	3		0200	601	86.
1		0505	62	0.	1		2005	242	2852.	2		1105	422	1432.	3		0205	602	84.
1		0510	63	0.	1		2010	243	3748.	2		1110	423	1409.	3		0210	603	81.
1		0515	64	0.	1		2015	244	4644.	2		1115	424	1386.	3		0215	604	79.
1		0520	65	0.	1		2020	245	5795.	2		1120	425	1363.	3		0220	605	79.
1		0525	66	0.	1		2025	246	6946.	2		1125	426	1341.	3		0225	606	79.
1		0530	67	0.	1		2030	247	8097.	2		1130	427	1318.	3		0230	607	78.
1		0535	68	0.	1		2035	248	8552.	2		1135	428	1299.	3		0235	608	76.
1		0540	69	0.	1		2040	249	9007.	2		1140	429	1280.	3		0240	609	73.
1		0545	70	0.	1		2045	250	9462.	2		1145	430	1261.	3		0245	610	70.
1		0550	71	0.	1		2050	251	9895.	2		1150	431	1241.	3		0250	611	69.
1		0555	72	0.	1		2055	252	10328.	2		1155	432	1222.	3		0255	612	68.
1		0600	73	0.	1		2100	253	10761.	2		1200	433	1202.	3		0300	613	68.
1		0605	74	0.	1		2105	254	10808.	2		1205	434	1181.	3		0305	614	66.
1		0610	75	0.	1		2110	255	10690.	2		1210	435	1159.	3		0310	615	64.
1		0615	76	0.	1		2115	256	10573.	2		1215	436	1138.	3		0315	616	62.
1		0620	77	0.	1		2120	257	10396.	2		1220	437	1117.	3		0320	617	61.
1		0625	78	0.	1		2125	258	10220.	2		1225	438	1096.	3		0325	618	60.
1		0630	79	0.	1		2130	259	10044.	2		1230	439	1075.	3		0330	619	59.
1		0635	80	0.	1		2135	260	9876.	2		1235	440	1059.	3		0335	620	59.
1		0640	81	0.	1		2140	261	9708.	2		1240	441	1042.	3		0340	621	58.
1		0645	82	0.	1		2145	262	9540.	2		1245	442	1025.	3		0345	622	58.
1		0650	83	0.	1		2150	263	9369.	2		1250	443	1007.	3		0350	623	56.
1		0655	84	0.	1		2155	264	9198.	2		1255	444	989.	3		0355	624	54.
1		0700	85	0.	1		2200	265	9027.	2		1300	445	972.	3		0400	625	52.
1		0705	86	0.	1		2205	266	8864.	2		1305	446	957.	3		0405	626	52.
1		0710	87	0.	1		2210	267	8701.	2		1310	447	943.	3		0410	627	52.
1		0715	88	0.	1		2215	268	8539.	2		1315	448	929.	3		0415	628	52.
1		0720	89	0.	1		2220	269	8397.	2		1320	449	914.	3		0420	629	52.
1		0725	90	0.	1		2225	270	8255.	2		1325	450	899.	3		0425	630	52.
1		0730	91	0.	1		2230	271	8112.	2		1330	451	884.	3		0430	631	52.
1		0735	92	0.	1		2235	272	7997.	2		1335	452	869.	3		0435	632	52.
1		0740	93	0.	1		2240	273	7881.	2		1340	453	855.	3		0440	633	52.
1		0745	94	0.	1		2245	274	7765.	2		1345	454	840.	3		0445	634	52.
1		0750	95	0.	1		2250	275	7666.	2		1350	455	828.	3		0450	635	51.
1		0755	96	0.	1		2255	276	7566.	2		1355	456	817.	3		0455	636	50.
1		0800	97	0.	1		2300	277	7467.	2		1400	457	805.	3		0500	637	49.
1		0805	98	0.	1		2305	278	7382.	2		1405	458	793.	3		0505	638	47.
1		0810	99	0.	1		2310	279	7296.	2		1410	459	780.	3		0510	639	45.
1		0815	100	0.	1		2315	280	7211.	2		1415	460	768.	3		0515	640	43.
1		0820	101	0.	1		2320	281	7139.	2		1420	461	757.	3		0520	641	43.

1	0825	102	0.	*	1	2325	282	7068.	*	2	1425	462	747.	*	3	0525	642	42.
1	0830	103	0.	*	1	2330	283	6997.	*	2	1430	463	736.	*	3	0530	643	42.
1	0835	104	0.	*	1	2335	284	6933.	*	2	1435	464	727.	*	3	0535	644	41.
1	0840	105	0.	*	1	2340	285	6870.	*	2	1440	465	718.	*	3	0540	645	41.
1	0845	106	0.	*	1	2345	286	6806.	*	2	1445	466	709.	*	3	0545	646	41.
1	0850	107	0.	*	1	2350	287	6752.	*	2	1450	467	701.	*	3	0550	647	40.
1	0855	108	0.	*	1	2355	288	6698.	*	2	1455	468	694.	*	3	0555	648	39.
1	0900	109	0.	*	2	0000	289	6644.	*	2	1500	469	686.	*	3	0600	649	39.
1	0905	110	0.	*	2	0005	290	6591.	*	2	1505	470	674.	*	3	0605	650	38.
1	0910	111	0.	*	2	0010	291	6537.	*	2	1510	471	662.	*	3	0610	651	37.
1	0915	112	0.	*	2	0015	292	6484.	*	2	1515	472	650.	*	3	0615	652	36.
1	0920	113	0.	*	2	0020	293	6433.	*	2	1520	473	642.	*	3	0620	653	35.
1	0925	114	0.	*	2	0025	294	6382.	*	2	1525	474	634.	*	3	0625	654	34.
1	0930	115	0.	*	2	0030	295	6332.	*	2	1530	475	626.	*	3	0630	655	33.
1	0935	116	0.	*	2	0035	296	6289.	*	2	1535	476	617.	*	3	0635	656	33.
1	0940	117	0.	*	2	0040	297	6246.	*	2	1540	477	609.	*	3	0640	657	33.
1	0945	118	0.	*	2	0045	298	6204.	*	2	1545	478	600.	*	3	0645	658	32.
1	0950	119	0.	*	2	0050	299	6166.	*	2	1550	479	591.	*	3	0650	659	32.
1	0955	120	0.	*	2	0055	300	6129.	*	2	1555	480	582.	*	3	0655	660	31.
1	1000	121	0.	*	2	0100	301	6091.	*	2	1600	481	572.	*	3	0700	661	30.
1	1005	122	0.	*	2	0105	302	6056.	*	2	1605	482	565.	*	3	0705	662	26.
1	1010	123	0.	*	2	0110	303	6022.	*	2	1610	483	559.	*	3	0710	663	26.
1	1015	124	0.	*	2	0115	304	5987.	*	2	1615	484	552.	*	3	0715	664	25.
1	1020	125	0.	*	2	0120	305	5953.	*	2	1620	485	544.	*	3	0720	665	24.
1	1025	126	0.	*	2	0125	306	5919.	*	2	1625	486	537.	*	3	0725	666	24.
1	1030	127	0.	*	2	0130	307	5884.	*	2	1630	487	529.	*	3	0730	667	23.
1	1035	128	0.	*	2	0135	308	5856.	*	2	1635	488	523.	*	3	0735	668	23.
1	1040	129	0.	*	2	0140	309	5827.	*	2	1640	489	516.	*	3	0740	669	23.
1	1045	130	0.	*	2	0145	310	5799.	*	2	1645	490	510.	*	3	0745	670	23.
1	1050	131	0.	*	2	0150	311	5774.	*	2	1650	491	502.	*	3	0750	671	22.
1	1055	132	0.	*	2	0155	312	5749.	*	2	1655	492	494.	*	3	0755	672	22.
1	1100	133	0.	*	2	0200	313	5725.	*	2	1700	493	485.	*	3	0800	673	21.
1	1105	134	0.	*	2	0205	314	5704.	*	2	1705	494	478.	*	3	0805	674	20.
1	1110	135	0.	*	2	0210	315	5683.	*	2	1710	495	470.	*	3	0810	675	20.
1	1115	136	0.	*	2	0215	316	5662.	*	2	1715	496	463.	*	3	0815	676	19.
1	1120	137	0.	*	2	0220	317	5640.	*	2	1720	497	455.	*	3	0820	677	18.
1	1125	138	0.	*	2	0225	318	5618.	*	2	1725	498	447.	*	3	0825	678	17.
1	1130	139	0.	*	2	0230	319	5597.	*	2	1730	499	440.	*	3	0830	679	17.
1	1135	140	0.	*	2	0235	320	5573.	*	2	1735	500	433.	*	3	0835	680	17.
1	1140	141	0.	*	2	0240	321	5549.	*	2	1740	501	427.	*	3	0840	681	17.
1	1145	142	0.	*	2	0245	322	5525.	*	2	1745	502	421.	*	3	0845	682	17.
1	1150	143	0.	*	2	0250	323	5509.	*	2	1750	503	416.	*	3	0850	683	16.
1	1155	144	0.	*	2	0255	324	5494.	*	2	1755	504	411.	*	3	0855	684	16.
1	1200	145	0.	*	2	0300	325	5478.	*	2	1800	505	406.	*	3	0900	685	16.
1	1205	146	0.	*	2	0305	326	5454.	*	2	1805	506	401.	*	3	0905	686	16.
1	1210	147	0.	*	2	0310	327	5430.	*	2	1810	507	395.	*	3	0910	687	17.
1	1215	148	0.	*	2	0315	328	5406.	*	2	1815	508	390.	*	3	0915	688	17.
1	1220	149	0.	*	2	0320	329	5385.	*	2	1820	509	384.	*	3	0920	689	15.
1	1225	150	0.	*	2	0325	330	5363.	*	2	1825	510	378.	*	3	0925	690	12.
1	1230	151	0.	*	2	0330	331	5341.	*	2	1830	511	372.	*	3	0930	691	10.
1	1235	152	0.	*	2	0335	332	5318.	*	2	1835	512	367.	*	3	0935	692	10.
1	1240	153	0.	*	2	0340	333	5294.	*	2	1840	513	362.	*	3	0940	693	10.
1	1245	154	0.	*	2	0345	334	5271.	*	2	1845	514	357.	*	3	0945	694	10.
1	1250	155	0.	*	2	0350	335	5239.	*	2	1850	515	351.	*	3	0950	695	10.
1	1255	156	0.	*	2	0355	336	5207.	*	2	1855	516	345.	*	3	0955	696	9.
1	1300	157	0.	*	2	0400	337	5175.	*	2	1900	517	339.	*	3	1000	697	9.
1	1305	158	1.	*	2	0405	338	5132.	*	2	1905	518	334.	*	3	1005	698	9.
1	1310	159	2.	*	2	0410	339	5089.	*	2	1910	519	330.	*	3	1010	699	8.
1	1315	160	3.	*	2	0415	340	5045.	*	2	1915	520	325.	*	3	1015	700	8.
1	1320	161	4.	*	2	0420	341	4998.	*	2	1920	521	323.	*	3	1020	701	7.
1	1325	162	4.	*	2	0425	342	4950.	*	2	1925	522	321.	*	3	1025	702	6.
1	1330	163	5.	*	2	0430	343	4902.	*	2	1930	523	318.	*	3	1030	703	5.
1	1335	164	6.	*	2	0435	344	4846.	*	2	1935	524	313.	*	3	1035	704	4.
1	1340	165	6.	*	2	0440	345	4789.	*	2	1940	525	308.	*	3	1040	705	4.
1	1345	166	7.	*	2	0445	346	4733.	*	2	1945	526	302.	*	3	1045	706	3.
1	1350	167	9.	*	2	0450	347	4672.	*	2	1950	527	300.	*	3	1050	707	3.
1	1355	168	11.	*	2	0455	348	4610.	*	2	1955	528	297.	*	3	1055	708	2.
1	1400	169	13.	*	2	0500	349	4549.	*	2	2000	529	295.	*	3	1100	709	2.
1	1405	170	16.	*	2	0505	350	4481.	*	2	2005	530	292.	*	3	1105	710	2.
1	1410	171	19.	*	2	0510	351	4413.	*	2	2010	531	289.	*	3	1110	711	1.
1	1415	172	23.	*	2	0515	352	4345.	*	2	2015	532	286.	*	3	1115	712	1.
1	1420	173	23.	*	2	0520	353	4273.	*	2	2020	533	282.	*	3	1120	713	1.
1	1425	174	23.	*	2	0525	354	4202.	*	2	2025	534	279.	*	3	1125	714	1.
1	1430	175	22.	*	2	0530	355	4130.	*	2	2030	535	276.	*	3	1130	715	1.
1	1435	176	22.	*	2	0535	356	4060.	*	2	2035	536	273.	*	3	1135	716	1.
1	1440	177	24.	*	2	0540	357	3990.	*	2	2040	537	270.	*	3	1140	717	0.
1	1445	178	25.	*	2	0545	358	3920.	*	2	2045	538	267.	*	3	1145	718	0.
1	1450	179	26.	*	2	0550	359	3853.	*	2	2050	539	263.	*	3	1150	719	0.
1	1455	180	28.	*	2	0555	360	3786.	*	2	2055	540	259.	*	3	1155	720	0.
				*					*					*				

****
*

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	59.92-HR
+ (CFS)	(HR)				
		(CFS)			
+ 10808.	21.08	7537.	3549.	1470.	1470.
		(INCHES) .000	.000	.000	.000
		(AC-FT) 3738.	7039.	7277.	7277.

CUMULATIVE AREA = .00 SQ MI

****
*

HYDROGRAPH AT STATION ONSIT
PLAN 1, RATIO = .97

****
*

DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	*	1		1500	181	29.	*	2		0600	361	3720.	*	2		2100	541	255.
1		0005	2	0.	*	1		1505	182	30.	*	2		0605	362	3652.	*	2		2105	542	252.
1		0010	3	0.	*	1		1510	183	31.	*	2		0610	363	3584.	*	2		2110	543	249.
1		0015	4	0.	*	1		1515	184	31.	*	2		0615	364	3516.	*	2		2115	544	247.

1	0020	5	0.	*	1	1520	185	35.	*	2	0620	365	3452.	*	2	2120	545	244.
1	0025	6	0.	*	1	1525	186	39.	*	2	0625	366	3389.	*	2	2125	546	241.
1	0030	7	0.	*	1	1530	187	42.	*	2	0630	367	3325.	*	2	2130	547	238.
1	0035	8	0.	*	1	1535	188	46.	*	2	0635	368	3266.	*	2	2135	548	233.
1	0040	9	0.	*	1	1540	189	50.	*	2	0640	369	3206.	*	2	2140	549	229.
1	0045	10	0.	*	1	1545	190	54.	*	2	0645	370	3146.	*	2	2145	550	224.
1	0050	11	0.	*	1	1550	191	63.	*	2	0650	371	3093.	*	2	2150	551	220.
1	0055	12	0.	*	1	1555	192	73.	*	2	0655	372	3039.	*	2	2155	552	217.
1	0100	13	0.	*	1	1600	193	82.	*	2	0700	373	2985.	*	2	2200	553	213.
1	0105	14	0.	*	1	1605	194	108.	*	2	0705	374	2937.	*	2	2205	554	211.
1	0110	15	0.	*	1	1610	195	134.	*	2	0710	375	2890.	*	2	2210	555	210.
1	0115	16	0.	*	1	1615	196	160.	*	2	0715	376	2843.	*	2	2215	556	208.
1	0120	17	0.	*	1	1620	197	184.	*	2	0720	377	2796.	*	2	2220	557	204.
1	0125	18	0.	*	1	1625	198	209.	*	2	0725	378	2749.	*	2	2225	558	200.
1	0130	19	0.	*	1	1630	199	233.	*	2	0730	379	2702.	*	2	2230	559	196.
1	0135	20	0.	*	1	1635	200	267.	*	2	0735	380	2665.	*	2	2235	560	193.
1	0140	21	0.	*	1	1640	201	301.	*	2	0740	381	2628.	*	2	2240	561	191.
1	0145	22	0.	*	1	1645	202	335.	*	2	0745	382	2590.	*	2	2245	562	189.
1	0150	23	0.	*	1	1650	203	391.	*	2	0750	383	2552.	*	2	2250	563	186.
1	0155	24	0.	*	1	1655	204	448.	*	2	0755	384	2514.	*	2	2255	564	182.
1	0200	25	0.	*	1	1700	205	504.	*	2	0800	385	2475.	*	2	2300	565	179.
1	0205	26	0.	*	1	1705	206	573.	*	2	0805	386	2436.	*	2	2305	566	175.
1	0210	27	0.	*	1	1710	207	642.	*	2	0810	387	2397.	*	2	2310	567	171.
1	0215	28	0.	*	1	1715	208	711.	*	2	0815	388	2358.	*	2	2315	568	168.
1	0220	29	0.	*	1	1720	209	746.	*	2	0820	389	2325.	*	2	2320	569	165.
1	0225	30	0.	*	1	1725	210	781.	*	2	0825	390	2293.	*	2	2325	570	162.
1	0230	31	0.	*	1	1730	211	816.	*	2	0830	391	2261.	*	2	2330	571	159.
1	0235	32	0.	*	1	1735	212	847.	*	2	0835	392	2229.	*	2	2335	572	157.
1	0240	33	0.	*	1	1740	213	879.	*	2	0840	393	2197.	*	2	2340	573	155.
1	0245	34	0.	*	1	1745	214	910.	*	2	0845	394	2165.	*	2	2345	574	153.
1	0250	35	0.	*	1	1750	215	942.	*	2	0850	395	2135.	*	2	2350	575	151.
1	0255	36	0.	*	1	1755	216	973.	*	2	0855	396	2106.	*	2	2355	576	149.
1	0300	37	0.	*	1	1800	217	1005.	*	2	0900	397	2076.	*	3	0000	577	147.
1	0305	38	0.	*	1	1805	218	1040.	*	2	0905	398	2048.	*	3	0005	578	144.
1	0310	39	0.	*	1	1810	219	1076.	*	2	0910	399	2020.	*	3	0010	579	141.
1	0315	40	0.	*	1	1815	220	1111.	*	2	0915	400	1993.	*	3	0015	580	139.
1	0320	41	0.	*	1	1820	221	1142.	*	2	0920	401	1965.	*	3	0020	581	137.
1	0325	42	0.	*	1	1825	222	1174.	*	2	0925	402	1938.	*	3	0025	582	134.
1	0330	43	0.	*	1	1830	223	1205.	*	2	0930	403	1910.	*	3	0030	583	132.
1	0335	44	0.	*	1	1835	224	1230.	*	2	0935	404	1883.	*	3	0035	584	129.
1	0340	45	0.	*	1	1840	225	1254.	*	2	0940	405	1857.	*	3	0040	585	126.
1	0345	46	0.	*	1	1845	226	1279.	*	2	0945	406	1830.	*	3	0045	586	123.
1	0350	47	0.	*	1	1850	227	1316.	*	2	0950	407	1802.	*	3	0050	587	121.
1	0355	48	0.	*	1	1855	228	1353.	*	2	0955	408	1773.	*	3	0055	588	118.
1	0400	49	0.	*	1	1900	229	1390.	*	2	1000	409	1745.	*	3	0100	589	115.
1	0405	50	0.	*	1	1905	230	1433.	*	2	1005	410	1720.	*	3	0105	590	112.
1	0410	51	0.	*	1	1910	231	1477.	*	2	1010	411	1695.	*	3	0110	591	110.
1	0415	52	0.	*	1	1915	232	1520.	*	2	1015	412	1669.	*	3	0115	592	108.
1	0420	53	0.	*	1	1920	233	1548.	*	2	1020	413	1645.	*	3	0120	593	105.
1	0425	54	0.	*	1	1925	234	1576.	*	2	1025	414	1621.	*	3	0125	594	102.
1	0430	55	0.	*	1	1930	235	1604.	*	2	1030	415	1597.	*	3	0130	595	98.
1	0435	56	0.	*	1	1935	236	1638.	*	2	1035	416	1573.	*	3	0135	596	97.
1	0440	57	0.	*	1	1940	237	1672.	*	2	1040	417	1549.	*	3	0140	597	96.
1	0445	58	0.	*	1	1945	238	1707.	*	2	1045	418	1526.	*	3	0145	598	94.
1	0450	59	0.	*	1	1950	239	1790.	*	2	1050	419	1502.	*	3	0150	599	91.
1	0455	60	0.	*	1	1955	240	1872.	*	2	1055	420	1479.	*	3	0155	600	89.
1	0500	61	0.	*	1	2000	241	1955.	*	2	1100	421	1456.	*	3	0200	601	86.
1	0505	62	0.	*	1	2005	242	2852.	*	2	1105	422	1432.	*	3	0205	602	84.
1	0510	63	0.	*	1	2010	243	3748.	*	2	1110	423	1409.	*	3	0210	603	81.
1	0515	64	0.	*	1	2015	244	4644.	*	2	1115	424	1386.	*	3	0215	604	79.
1	0520	65	0.	*	1	2020	245	5795.	*	2	1120	425	1363.	*	3	0220	605	79.
1	0525	66	0.	*	1	2025	246	6946.	*	2	1125	426	1341.	*	3	0225	606	79.
1	0530	67	0.	*	1	2030	247	8097.	*	2	1130	427	1318.	*	3	0230	607	78.
1	0535	68	0.	*	1	2035	248	8552.	*	2	1135	428	1299.	*	3	0235	608	76.
1	0540	69	0.	*	1	2040	249	9007.	*	2	1140	429	1280.	*	3	0240	609	73.
1	0545	70	0.	*	1	2045	250	9462.	*	2	1145	430	1261.	*	3	0245	610	70.
1	0550	71	0.	*	1	2050	251	9895.	*	2	1150	431	1241.	*	3	0250	611	69.
1	0555	72	0.	*	1	2055	252	10328.	*	2	1155	432	1222.	*	3	0255	612	68.
1	0600	73	0.	*	1	2100	253	10761.	*	2	1200	433	1202.	*	3	0300	613	68.
1	0605	74	0.	*	1	2105	254	10808.	*	2	1205	434	1181.	*	3	0305	614	66.
1	0610	75	0.	*	1	2110	255	10690.	*	2	1210	435	1159.	*	3	0310	615	64.
1	0615	76	0.	*	1	2115	256	10573.	*	2	1215	436	1138.	*	3	0315	616	62.
1	0620	77	0.	*	1	2120	257	10396.	*	2	1220	437	1117.	*	3	0320	617	61.
1	0625	78	0.	*	1	2125	258	10220.	*	2	1225	438	1096.	*	3	0325	618	60.
1	0630	79	0.	*	1	2130	259	10044.	*	2	1230	439	1075.	*	3	0330	619	59.
1	0635	80	0.	*	1	2135	260	9876.	*	2	1235	440	1059.	*	3	0335	620	59.
1	0640	81	0.	*	1	2140	261	9708.	*	2	1240	441	1042.	*	3	0340	621	58.
1	0645	82	0.	*	1	2145	262	9540.	*	2	1245	442	1025.	*	3	0345	622	58.
1	0650	83	0.	*	1	2150	263	9369.	*	2	1250	443	1007.	*	3	0350	623	56.
1	0655	84	0.	*	1	2155	264	9198.	*	2	1255	444	989.	*	3	0355	624	54.
1	0700	85	0.	*	1	2200	265	9027.	*	2	1300	445	972.	*	3	0400	625	52.
1	0705	86	0.	*	1	2205	266	8864.	*	2	1305	446	957.	*	3	0405	626	52.
1	0710	87	0.	*	1	2210	267	8701.	*	2	1310	447	943.	*	3	0410	627	52.
1	0715	88	0.	*	1	2215	268	8539.	*	2	1315	448	929.	*	3	0415	628	52.
1	0720	89	0.	*	1	2220	269	8397.	*	2	1320	449	914.	*	3	0420	629	52.
1	0725	90	0.	*	1	2225	270	8255.	*	2	1325	450	899.	*	3	0425	630	52.
1	0730	91	0.	*	1	2230	271	8112.	*	2	1330	451	884.	*	3	0430	631	52.
1	0735	92	0.	*	1	2235	272	7997.	*	2	1335	452	869.	*	3	0435	632	52.
1	0740	93	0.	*	1	2240	273	7881.	*	2	1340	453	855.	*	3	0440	633	52.
1	0745	94	0.	*	1	2245	274	7765.	*	2	1345	454	840.	*	3	0445	634	52.
1	0750	95	0.	*	1	2250	275	7666.	*	2	1350	455	828.	*	3	0450	635	51.
1	0755	96	0.	*	1	2255	276	7566.	*	2	1355	456	817.	*	3	0455	636	50.
1	0800	97	0.	*	1	2300	277	7467.	*	2	1400	457	805.	*	3	0500	637	49.
1	0805	98	0.	*	1	2305	278	7382.	*	2	1405	458	793.	*	3	0505	638	47.
1	0810	99	0.	*	1	2310	279	7296.	*	2	1410	459	780.	*	3	0510	639	45.
1	0815	100	0.	*	1	2315	280	7211.	*	2	1415	460	768.	*	3	0515	640	43.
1	0820	101	0.	*	1	2320	281	7139.	*	2	1420	461	757.	*	3	0520	641	43.
1	0825	102	0.	*	1	2325	282	7068.	*	2	1425	462	747.	*	3	0525	642	42.
1	0830	103	0.	*	1	2330	283	6997.	*	2	1430	463	736.	*	3	0530	643	42.
1	0835	104	0.	*	1	2335	284	6933.	*	2	1435	464	727.	*	3	0535	644	41.
1	0840	105	0.	*	1	2340	285	6870.	*	2	1440	465	718.	*	3	0540	645	41.
1	0845	106	0.	*	1	2345	286	6806.	*	2	1445	466	709.	*	3	0545	646	41.
1	0850	107	0.	*	1	2350	287	6752.	*	2	1450	467	701.	*	3	0550	647	40.
1	0855	108	0.	*	1	2355	288	6698.	*	2	1455	468	694.	*	3	0555	648	39.
1	0900	109	0.	*	2	0000	289	6644.	*	2	1500	469	686.	*	3	0600	649	39.
1	0905	110	0.	*	2	0005	290	6591.	*	2	1505	470	674.	*	3	0605	650	38.
1	0910	111	0.	*	2	0010	291	6537.	*	2	1510	471	662.	*	3	0610	651	37.
1	0915	112	0.	*	2	0015	292	6484.	*	2	1515	472	650.	*	3	0615	652	36.
1	0920	113	0.	*	2	0020	293	6433.	*	2	1520	473	642.	*	3	0620	653	35.
1	0925	114	0.	*	2	0025	294	6382.	*	2	1525	474	634.	*	3	0625	654	34.
1	0930	115	0.	*	2	0030	295	6332.	*	2	1530	475	626.	*	3	0630	655	33.
1	0935	116	0.	*	2	0035	296	6289.	*	2	1535	476	617.	*	3	0635	656	33.

1	0940	117	0.	*	2	0040	297	6246.	*	2	1540	477	609.	*	3	0640	657	33.
1	0945	118	0.	*	2	0045	298	6204.	*	2	1545	478	600.	*	3	0645	658	32.
1	0950	119	0.	*	2	0050	299	6166.	*	2	1550	479	591.	*	3	0650	659	32.
1	0955	120	0.	*	2	0055	300	6129.	*	2	1555	480	582.	*	3	0655	660	31.
1	1000	121	0.	*	2	0100	301	6091.	*	2	1600	481	572.	*	3	0700	661	30.
1	1005	122	0.	*	2	0105	302	6056.	*	2	1605	482	565.	*	3	0705	662	26.
1	1010	123	0.	*	2	0110	303	6022.	*	2	1610	483	559.	*	3	0710	663	26.
1	1015	124	0.	*	2	0115	304	5987.	*	2	1615	484	552.	*	3	0715	664	25.
1	1020	125	0.	*	2	0120	305	5953.	*	2	1620	485	544.	*	3	0720	665	24.
1	1025	126	0.	*	2	0125	306	5919.	*	2	1625	486	537.	*	3	0725	666	24.
1	1030	127	0.	*	2	0130	307	5884.	*	2	1630	487	529.	*	3	0730	667	23.
1	1035	128	0.	*	2	0135	308	5856.	*	2	1635	488	523.	*	3	0735	668	23.
1	1040	129	0.	*	2	0140	309	5827.	*	2	1640	489	516.	*	3	0740	669	23.
1	1045	130	0.	*	2	0145	310	5799.	*	2	1645	490	510.	*	3	0745	670	23.
1	1050	131	0.	*	2	0150	311	5774.	*	2	1650	491	502.	*	3	0750	671	22.
1	1055	132	0.	*	2	0155	312	5749.	*	2	1655	492	494.	*	3	0755	672	22.
1	1100	133	0.	*	2	0200	313	5725.	*	2	1700	493	485.	*	3	0800	673	21.
1	1105	134	0.	*	2	0205	314	5704.	*	2	1705	494	478.	*	3	0805	674	20.
1	1110	135	0.	*	2	0210	315	5683.	*	2	1710	495	470.	*	3	0810	675	20.
1	1115	136	0.	*	2	0215	316	5662.	*	2	1715	496	463.	*	3	0815	676	19.
1	1120	137	0.	*	2	0220	317	5640.	*	2	1720	497	455.	*	3	0820	677	18.
1	1125	138	0.	*	2	0225	318	5618.	*	2	1725	498	447.	*	3	0825	678	17.
1	1130	139	0.	*	2	0230	319	5597.	*	2	1730	499	440.	*	3	0830	679	17.
1	1135	140	0.	*	2	0235	320	5573.	*	2	1735	500	433.	*	3	0835	680	17.
1	1140	141	0.	*	2	0240	321	5549.	*	2	1740	501	427.	*	3	0840	681	17.
1	1145	142	0.	*	2	0245	322	5525.	*	2	1745	502	421.	*	3	0845	682	17.
1	1150	143	0.	*	2	0250	323	5509.	*	2	1750	503	416.	*	3	0850	683	16.
1	1155	144	0.	*	2	0255	324	5494.	*	2	1755	504	411.	*	3	0855	684	16.
1	1200	145	0.	*	2	0300	325	5478.	*	2	1800	505	406.	*	3	0900	685	16.
1	1205	146	0.	*	2	0305	326	5454.	*	2	1805	506	401.	*	3	0905	686	16.
1	1210	147	0.	*	2	0310	327	5430.	*	2	1810	507	395.	*	3	0910	687	17.
1	1215	148	0.	*	2	0315	328	5406.	*	2	1815	508	390.	*	3	0915	688	17.
1	1220	149	0.	*	2	0320	329	5385.	*	2	1820	509	384.	*	3	0920	689	15.
1	1225	150	0.	*	2	0325	330	5363.	*	2	1825	510	378.	*	3	0925	690	12.
1	1230	151	0.	*	2	0330	331	5341.	*	2	1830	511	372.	*	3	0930	691	10.
1	1235	152	0.	*	2	0335	332	5318.	*	2	1835	512	367.	*	3	0935	692	10.
1	1240	153	0.	*	2	0340	333	5294.	*	2	1840	513	362.	*	3	0940	693	10.
1	1245	154	0.	*	2	0345	334	5271.	*	2	1845	514	357.	*	3	0945	694	10.
1	1250	155	0.	*	2	0350	335	5239.	*	2	1850	515	351.	*	3	0950	695	10.
1	1255	156	0.	*	2	0355	336	5207.	*	2	1855	516	345.	*	3	0955	696	9.
1	1300	157	0.	*	2	0400	337	5175.	*	2	1900	517	339.	*	3	1000	697	9.
1	1305	158	1.	*	2	0405	338	5132.	*	2	1905	518	334.	*	3	1005	698	9.
1	1310	159	2.	*	2	0410	339	5089.	*	2	1910	519	330.	*	3	1010	699	8.
1	1315	160	3.	*	2	0415	340	5045.	*	2	1915	520	325.	*	3	1015	700	8.
1	1320	161	4.	*	2	0420	341	4998.	*	2	1920	521	323.	*	3	1020	701	7.
1	1325	162	4.	*	2	0425	342	4950.	*	2	1925	522	321.	*	3	1025	702	6.
1	1330	163	5.	*	2	0430	343	4902.	*	2	1930	523	318.	*	3	1030	703	5.
1	1335	164	6.	*	2	0435	344	4846.	*	2	1935	524	313.	*	3	1035	704	4.
1	1340	165	6.	*	2	0440	345	4789.	*	2	1940	525	308.	*	3	1040	705	4.
1	1345	166	7.	*	2	0445	346	4733.	*	2	1945	526	302.	*	3	1045	706	3.
1	1350	167	9.	*	2	0450	347	4672.	*	2	1950	527	300.	*	3	1050	707	3.
1	1355	168	11.	*	2	0455	348	4610.	*	2	1955	528	297.	*	3	1055	708	2.
1	1400	169	13.	*	2	0500	349	4549.	*	2	2000	529	295.	*	3	1100	709	2.
1	1405	170	16.	*	2	0505	350	4481.	*	2	2005	530	292.	*	3	1105	710	2.
1	1410	171	19.	*	2	0510	351	4413.	*	2	2010	531	289.	*	3	1110	711	1.
1	1415	172	23.	*	2	0515	352	4345.	*	2	2015	532	286.	*	3	1115	712	1.
1	1420	173	23.	*	2	0520	353	4273.	*	2	2020	533	282.	*	3	1120	713	1.
1	1425	174	23.	*	2	0525	354	4202.	*	2	2025	534	279.	*	3	1125	714	1.
1	1430	175	22.	*	2	0530	355	4130.	*	2	2030	535	276.	*	3	1130	715	1.
1	1435	176	22.	*	2	0535	356	4060.	*	2	2035	536	273.	*	3	1135	716	1.
1	1440	177	24.	*	2	0540	357	3990.	*	2	2040	537	270.	*	3	1140	717	0.
1	1445	178	25.	*	2	0545	358	3920.	*	2	2045	538	267.	*	3	1145	718	0.
1	1450	179	26.	*	2	0550	359	3853.	*	2	2050	539	263.	*	3	1150	719	0.
1	1455	180	28.	*	2	0555	360	3786.	*	2	2055	540	259.	*	3	1155	720	0.

****
*

PEAK FLOW (CFS)	TIME (HR)	MAXIMUM AVERAGE FLOW (CFS) 6-HR	24-HR	72-HR	59.92-HR
+ 10808.	21.08	7537.	3549.	1470.	1470.
		(INCHES) .000	.000	.000	.000
		(AC-FT) 3738.	7039.	7277.	7277.

CUMULATIVE AREA = .00 SQ MI

****
*

HYDROGRAPH AT STATION ONSIT
PLAN 1, RATIO = .96

****
*

DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1500	181	29.	2		0600	361	3720.	2		2100	541	255.
1		0005	2	0.	1		1505	182	30.	2		0605	362	3652.	2		2105	542	252.
1		0010	3	0.	1		1510	183	31.	2		0610	363	3584.	2		2110	543	249.
1		0015	4	0.	1		1515	184	31.	2		0615	364	3516.	2		2115	544	247.
1		0020	5	0.	1		1520	185	35.	2		0620	365	3452.	2		2120	545	244.
1		0025	6	0.	1		1525	186	39.	2		0625	366	3389.	2		2125	546	241.
1		0030	7	0.	1		1530	187	42.	2		0630	367	3325.	2		2130	547	238.
1		0035	8	0.	1		1535	188	46.	2		0635	368	3266.	2		2135	548	233.
1		0040	9	0.	1		1540	189	50.	2		0640	369	3206.	2		2140	549	229.
1		0045	10	0.	1		1545	190	54.	2		0645	370	3146.	2		2145	550	224.
1		0050	11	0.	1		1550	191	63.	2		0650	371	3093.	2		2150	551	220.
1		0055	12	0.	1		1555	192	73.	2		0655	372	3039.	2		2155	552	217.
1		0100	13	0.	1		1600	193	82.	2		0700	373	2985.	2		2200	553	213.
1		0105	14	0.	1		1605	194	108.	2		0705	374	2937.	2		2205	554	211.
1		0110	15	0.	1		1610	195	134.	2		0710	375	2890.	2		2210	555	210.
1		0115	16	0.	1		1615	196	160.	2		0715	376	2843.	2		2215	556	208.
1		0120	17	0.	1		1620	197	184.	2		0720	377	2796.	2		2220	557	204.
1		0125	18	0.	1		1625	198	209.	2		0725	378	2749.	2		2225	558	200.
1		0130	19	0.	1		1630	199	233.	2		0730	379	2702.	2		2230	559	196.

1	0135	20	0.	*	1	1635	200	267.	*	2	0735	380	2665.	*	2	2235	560	193.
1	0140	21	0.	*	1	1640	201	301.	*	2	0740	381	2628.	*	2	2240	561	191.
1	0145	22	0.	*	1	1645	202	335.	*	2	0745	382	2590.	*	2	2245	562	189.
1	0150	23	0.	*	1	1650	203	391.	*	2	0750	383	2552.	*	2	2250	563	186.
1	0155	24	0.	*	1	1655	204	448.	*	2	0755	384	2514.	*	2	2255	564	182.
1	0200	25	0.	*	1	1700	205	504.	*	2	0800	385	2475.	*	2	2300	565	179.
1	0205	26	0.	*	1	1705	206	573.	*	2	0805	386	2436.	*	2	2305	566	175.
1	0210	27	0.	*	1	1710	207	642.	*	2	0810	387	2397.	*	2	2310	567	171.
1	0215	28	0.	*	1	1715	208	711.	*	2	0815	388	2358.	*	2	2315	568	168.
1	0220	29	0.	*	1	1720	209	746.	*	2	0820	389	2325.	*	2	2320	569	165.
1	0225	30	0.	*	1	1725	210	781.	*	2	0825	390	2293.	*	2	2325	570	162.
1	0230	31	0.	*	1	1730	211	816.	*	2	0830	391	2261.	*	2	2330	571	159.
1	0235	32	0.	*	1	1735	212	847.	*	2	0835	392	2229.	*	2	2335	572	157.
1	0240	33	0.	*	1	1740	213	879.	*	2	0840	393	2197.	*	2	2340	573	155.
1	0245	34	0.	*	1	1745	214	910.	*	2	0845	394	2165.	*	2	2345	574	153.
1	0250	35	0.	*	1	1750	215	942.	*	2	0850	395	2135.	*	2	2350	575	151.
1	0255	36	0.	*	1	1755	216	973.	*	2	0855	396	2106.	*	2	2355	576	149.
1	0300	37	0.	*	1	1800	217	1005.	*	2	0900	397	2076.	*	3	0000	577	147.
1	0305	38	0.	*	1	1805	218	1040.	*	2	0905	398	2048.	*	3	0005	578	144.
1	0310	39	0.	*	1	1810	219	1076.	*	2	0910	399	2020.	*	3	0010	579	141.
1	0315	40	0.	*	1	1815	220	1111.	*	2	0915	400	1993.	*	3	0015	580	139.
1	0320	41	0.	*	1	1820	221	1142.	*	2	0920	401	1965.	*	3	0020	581	137.
1	0325	42	0.	*	1	1825	222	1174.	*	2	0925	402	1938.	*	3	0025	582	134.
1	0330	43	0.	*	1	1830	223	1205.	*	2	0930	403	1910.	*	3	0030	583	132.
1	0335	44	0.	*	1	1835	224	1230.	*	2	0935	404	1883.	*	3	0035	584	129.
1	0340	45	0.	*	1	1840	225	1254.	*	2	0940	405	1857.	*	3	0040	585	126.
1	0345	46	0.	*	1	1845	226	1279.	*	2	0945	406	1830.	*	3	0045	586	123.
1	0350	47	0.	*	1	1850	227	1316.	*	2	0950	407	1802.	*	3	0050	587	121.
1	0355	48	0.	*	1	1855	228	1353.	*	2	0955	408	1773.	*	3	0055	588	118.
1	0400	49	0.	*	1	1900	229	1390.	*	2	1000	409	1745.	*	3	0100	589	115.
1	0405	50	0.	*	1	1905	230	1433.	*	2	1005	410	1720.	*	3	0105	590	112.
1	0410	51	0.	*	1	1910	231	1477.	*	2	1010	411	1695.	*	3	0110	591	110.
1	0415	52	0.	*	1	1915	232	1520.	*	2	1015	412	1669.	*	3	0115	592	108.
1	0420	53	0.	*	1	1920	233	1548.	*	2	1020	413	1645.	*	3	0120	593	105.
1	0425	54	0.	*	1	1925	234	1576.	*	2	1025	414	1621.	*	3	0125	594	102.
1	0430	55	0.	*	1	1930	235	1604.	*	2	1030	415	1597.	*	3	0130	595	98.
1	0435	56	0.	*	1	1935	236	1638.	*	2	1035	416	1573.	*	3	0135	596	97.
1	0440	57	0.	*	1	1940	237	1672.	*	2	1040	417	1549.	*	3	0140	597	96.
1	0445	58	0.	*	1	1945	238	1707.	*	2	1045	418	1526.	*	3	0145	598	94.
1	0450	59	0.	*	1	1950	239	1790.	*	2	1050	419	1502.	*	3	0150	599	91.
1	0455	60	0.	*	1	1955	240	1872.	*	2	1055	420	1479.	*	3	0155	600	89.
1	0500	61	0.	*	1	2000	241	1955.	*	2	1100	421	1456.	*	3	0200	601	86.
1	0505	62	0.	*	1	2005	242	2852.	*	2	1105	422	1432.	*	3	0205	602	84.
1	0510	63	0.	*	1	2010	243	3748.	*	2	1110	423	1409.	*	3	0210	603	81.
1	0515	64	0.	*	1	2015	244	4644.	*	2	1115	424	1386.	*	3	0215	604	79.
1	0520	65	0.	*	1	2020	245	5795.	*	2	1120	425	1363.	*	3	0220	605	79.
1	0525	66	0.	*	1	2025	246	6946.	*	2	1125	426	1341.	*	3	0225	606	79.
1	0530	67	0.	*	1	2030	247	8097.	*	2	1130	427	1318.	*	3	0230	607	78.
1	0535	68	0.	*	1	2035	248	8552.	*	2	1135	428	1299.	*	3	0235	608	76.
1	0540	69	0.	*	1	2040	249	9007.	*	2	1140	429	1280.	*	3	0240	609	73.
1	0545	70	0.	*	1	2045	250	9462.	*	2	1145	430	1261.	*	3	0245	610	70.
1	0550	71	0.	*	1	2050	251	9895.	*	2	1150	431	1241.	*	3	0250	611	69.
1	0555	72	0.	*	1	2055	252	10328.	*	2	1155	432	1222.	*	3	0255	612	68.
1	0600	73	0.	*	1	2100	253	10761.	*	2	1200	433	1202.	*	3	0300	613	68.
1	0605	74	0.	*	1	2105	254	10808.	*	2	1205	434	1181.	*	3	0305	614	66.
1	0610	75	0.	*	1	2110	255	10690.	*	2	1210	435	1159.	*	3	0310	615	64.
1	0615	76	0.	*	1	2115	256	10573.	*	2	1215	436	1138.	*	3	0315	616	62.
1	0620	77	0.	*	1	2120	257	10396.	*	2	1220	437	1117.	*	3	0320	617	61.
1	0625	78	0.	*	1	2125	258	10220.	*	2	1225	438	1096.	*	3	0325	618	60.
1	0630	79	0.	*	1	2130	259	10044.	*	2	1230	439	1075.	*	3	0330	619	59.
1	0635	80	0.	*	1	2135	260	9876.	*	2	1235	440	1059.	*	3	0335	620	59.
1	0640	81	0.	*	1	2140	261	9708.	*	2	1240	441	1042.	*	3	0340	621	58.
1	0645	82	0.	*	1	2145	262	9540.	*	2	1245	442	1025.	*	3	0345	622	58.
1	0650	83	0.	*	1	2150	263	9369.	*	2	1250	443	1007.	*	3	0350	623	56.
1	0655	84	0.	*	1	2155	264	9198.	*	2	1255	444	989.	*	3	0355	624	54.
1	0700	85	0.	*	1	2200	265	9027.	*	2	1300	445	972.	*	3	0400	625	52.
1	0705	86	0.	*	1	2205	266	8864.	*	2	1305	446	957.	*	3	0405	626	52.
1	0710	87	0.	*	1	2210	267	8701.	*	2	1310	447	943.	*	3	0410	627	52.
1	0715	88	0.	*	1	2215	268	8539.	*	2	1315	448	929.	*	3	0415	628	52.
1	0720	89	0.	*	1	2220	269	8397.	*	2	1320	449	914.	*	3	0420	629	52.
1	0725	90	0.	*	1	2225	270	8255.	*	2	1325	450	899.	*	3	0425	630	52.
1	0730	91	0.	*	1	2230	271	8112.	*	2	1330	451	884.	*	3	0430	631	52.
1	0735	92	0.	*	1	2235	272	7997.	*	2	1335	452	869.	*	3	0435	632	52.
1	0740	93	0.	*	1	2240	273	7881.	*	2	1340	453	855.	*	3	0440	633	52.
1	0745	94	0.	*	1	2245	274	7765.	*	2	1345	454	840.	*	3	0445	634	52.
1	0750	95	0.	*	1	2250	275	7666.	*	2	1350	455	828.	*	3	0450	635	51.
1	0755	96	0.	*	1	2255	276	7566.	*	2	1355	456	817.	*	3	0455	636	50.
1	0800	97	0.	*	1	2300	277	7467.	*	2	1400	457	805.	*	3	0500	637	49.
1	0805	98	0.	*	1	2305	278	7382.	*	2	1405	458	793.	*	3	0505	638	47.
1	0810	99	0.	*	1	2310	279	7296.	*	2	1410	459	780.	*	3	0510	639	45.
1	0815	100	0.	*	1	2315	280	7211.	*	2	1415	460	768.	*	3	0515	640	43.
1	0820	101	0.	*	1	2320	281	7139.	*	2	1420	461	757.	*	3	0520	641	43.
1	0825	102	0.	*	1	2325	282	7068.	*	2	1425	462	747.	*	3	0525	642	42.
1	0830	103	0.	*	1	2330	283	6997.	*	2	1430	463	736.	*	3	0530	643	42.
1	0835	104	0.	*	1	2335	284	6933.	*	2	1435	464	727.	*	3	0535	644	41.
1	0840	105	0.	*	1	2340	285	6870.	*	2	1440	465	718.	*	3	0540	645	41.
1	0845	106	0.	*	1	2345	286	6806.	*	2	1445	466	709.	*	3	0545	646	41.
1	0850	107	0.	*	1	2350	287	6752.	*	2	1450	467	701.	*	3	0550	647	40.
1	0855	108	0.	*	1	2355	288	6698.	*	2	1455	468	694.	*	3	0555	648	39.
1	0900	109	0.	*	2	0000	289	6644.	*	2	1500	469	686.	*	3	0600	649	39.
1	0905	110	0.	*	2	0005	290	6591.	*	2	1505	470	674.	*	3	0605	650	38.
1	0910	111	0.	*	2	0010	291	6537.	*	2	1510	471	662.	*	3	0610	651	37.
1	0915	112	0.	*	2	0015	292	6484.	*	2	1515	472	650.	*	3	0615	652	36.
1	0920	113	0.	*	2	0020	293	6433.	*	2	1520	473	642.	*	3	0620	653	35.
1	0925	114	0.	*	2	0025	294	6382.	*	2	1525	474	634.	*	3	0625	654	34.
1	0930	115	0.	*	2	0030	295	6332.	*	2	1530	475	626.	*	3	0630	655	33.
1	0935	116	0.	*	2	0035	296	6289.	*	2	1535	476	617.	*	3	0635	656	33.
1	0940	117	0.	*	2	0040	297	6246.	*	2	1540	477	609.	*	3	0640	657	33.
1	0945	118	0.	*	2	0045	298	6204.	*	2	1545	478	600.	*	3	0645	658	32.
1	0950	119	0.	*	2	0050	299	6166.	*	2	1550	479	591.	*	3	0650	659	32.
1	0955	120	0.	*	2	0055	300	6129.	*	2	1555	480	582.	*	3	0655	660	31.
1	1000	121	0.	*	2	0100	301	6091.	*	2	1600	481	572.	*	3	0700	661	30.
1	1005	122	0.	*	2	0105	302	6056.	*	2	1605	482	565.	*	3	0705	662	26.
1	1010	123	0.	*	2	0110	303	6022.	*	2	1610	483	559.	*	3	0710	663	26.
1	1015	124	0.	*	2	0115	304	5987.	*	2	1615	484	552.	*	3	0715	664	25.
1	1020	125	0.	*	2	0120	305	5953.	*	2	1620	485	544.	*	3	0720	665	24.
1	1025	126	0.	*	2	0125	306	5919.	*	2	1625	486	537.	*	3	0725	666	24.
1	1030	127	0.	*	2	0130	307	5884.	*	2	1630	487	529.	*	3	0730	667	23.
1	1035	128	0.	*	2	0135	308	5856.	*	2	1635	488	523.	*	3	0735	668	23.
1	1040	129	0.	*	2	0140	309	5827.	*	2	1640	489	516.	*	3	0740	669	23.
1	1045	130	0.	*	2	0145	310	5799.	*	2	1645	490	510.	*	3	0745	670	23.
1	1050	131	0.	*	2	0150	311	5774.	*	2	1650	491	502.	*	3	0750	671	22.

1	1055	132	0.	*	2	0155	312	5749.	*	2	1655	492	494.	*	3	0755	672	22.
1	1100	133	0.	*	2	0200	313	5725.	*	2	1700	493	485.	*	3	0800	673	21.
1	1105	134	0.	*	2	0205	314	5704.	*	2	1705	494	478.	*	3	0805	674	20.
1	1110	135	0.	*	2	0210	315	5683.	*	2	1710	495	470.	*	3	0810	675	20.
1	1115	136	0.	*	2	0215	316	5662.	*	2	1715	496	463.	*	3	0815	676	19.
1	1120	137	0.	*	2	0220	317	5640.	*	2	1720	497	455.	*	3	0820	677	18.
1	1125	138	0.	*	2	0225	318	5618.	*	2	1725	498	447.	*	3	0825	678	17.
1	1130	139	0.	*	2	0230	319	5597.	*	2	1730	499	440.	*	3	0830	679	17.
1	1135	140	0.	*	2	0235	320	5573.	*	2	1735	500	433.	*	3	0835	680	17.
1	1140	141	0.	*	2	0240	321	5549.	*	2	1740	501	427.	*	3	0840	681	17.
1	1145	142	0.	*	2	0245	322	5525.	*	2	1745	502	421.	*	3	0845	682	17.
1	1150	143	0.	*	2	0250	323	5509.	*	2	1750	503	416.	*	3	0850	683	16.
1	1155	144	0.	*	2	0255	324	5494.	*	2	1755	504	411.	*	3	0855	684	16.
1	1200	145	0.	*	2	0300	325	5478.	*	2	1800	505	406.	*	3	0900	685	16.
1	1205	146	0.	*	2	0305	326	5454.	*	2	1805	506	401.	*	3	0905	686	16.
1	1210	147	0.	*	2	0310	327	5430.	*	2	1810	507	395.	*	3	0910	687	17.
1	1215	148	0.	*	2	0315	328	5406.	*	2	1815	508	390.	*	3	0915	688	17.
1	1220	149	0.	*	2	0320	329	5385.	*	2	1820	509	384.	*	3	0920	689	15.
1	1225	150	0.	*	2	0325	330	5363.	*	2	1825	510	378.	*	3	0925	690	12.
1	1230	151	0.	*	2	0330	331	5341.	*	2	1830	511	372.	*	3	0930	691	10.
1	1235	152	0.	*	2	0335	332	5318.	*	2	1835	512	367.	*	3	0935	692	10.
1	1240	153	0.	*	2	0340	333	5294.	*	2	1840	513	362.	*	3	0940	693	10.
1	1245	154	0.	*	2	0345	334	5271.	*	2	1845	514	357.	*	3	0945	694	10.
1	1250	155	0.	*	2	0350	335	5239.	*	2	1850	515	351.	*	3	0950	695	10.
1	1255	156	0.	*	2	0355	336	5207.	*	2	1855	516	345.	*	3	0955	696	9.
1	1300	157	0.	*	2	0400	337	5175.	*	2	1900	517	339.	*	3	1000	697	9.
1	1305	158	1.	*	2	0405	338	5132.	*	2	1905	518	334.	*	3	1005	698	9.
1	1310	159	2.	*	2	0410	339	5089.	*	2	1910	519	330.	*	3	1010	699	8.
1	1315	160	3.	*	2	0415	340	5045.	*	2	1915	520	325.	*	3	1015	700	8.
1	1320	161	4.	*	2	0420	341	4998.	*	2	1920	521	323.	*	3	1020	701	7.
1	1325	162	4.	*	2	0425	342	4950.	*	2	1925	522	321.	*	3	1025	702	6.
1	1330	163	5.	*	2	0430	343	4902.	*	2	1930	523	318.	*	3	1030	703	5.
1	1335	164	6.	*	2	0435	344	4846.	*	2	1935	524	313.	*	3	1035	704	4.
1	1340	165	6.	*	2	0440	345	4789.	*	2	1940	525	308.	*	3	1040	705	4.
1	1345	166	7.	*	2	0445	346	4733.	*	2	1945	526	302.	*	3	1045	706	3.
1	1350	167	9.	*	2	0450	347	4672.	*	2	1950	527	300.	*	3	1050	707	3.
1	1355	168	11.	*	2	0455	348	4610.	*	2	1955	528	297.	*	3	1055	708	2.
1	1400	169	13.	*	2	0500	349	4549.	*	2	2000	529	295.	*	3	1100	709	2.
1	1405	170	16.	*	2	0505	350	4481.	*	2	2005	530	292.	*	3	1105	710	2.
1	1410	171	19.	*	2	0510	351	4413.	*	2	2010	531	289.	*	3	1110	711	1.
1	1415	172	23.	*	2	0515	352	4345.	*	2	2015	532	286.	*	3	1115	712	1.
1	1420	173	23.	*	2	0520	353	4273.	*	2	2020	533	282.	*	3	1120	713	1.
1	1425	174	23.	*	2	0525	354	4202.	*	2	2025	534	279.	*	3	1125	714	1.
1	1430	175	22.	*	2	0530	355	4130.	*	2	2030	535	276.	*	3	1130	715	1.
1	1435	176	22.	*	2	0535	356	4060.	*	2	2035	536	273.	*	3	1135	716	1.
1	1440	177	24.	*	2	0540	357	3990.	*	2	2040	537	270.	*	3	1140	717	0.
1	1445	178	25.	*	2	0545	358	3920.	*	2	2045	538	267.	*	3	1145	718	0.
1	1450	179	26.	*	2	0550	359	3853.	*	2	2050	539	263.	*	3	1150	719	0.
1	1455	180	28.	*	2	0555	360	3786.	*	2	2055	540	259.	*	3	1155	720	0.
				*					*					*				

****
*

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	59.92-HR
+ (CFS)	(HR)				
		(CFS)			
+ 10808.	21.08	7537.	3549.	1470.	1470.
		(INCHES) .000	.000	.000	.000
		(AC-FT) 3738.	7039.	7277.	7277.

CUMULATIVE AREA = .00 SQ MI

****
*

HYDROGRAPH AT STATION ONSIT
PLAN 1, RATIO = .95

****
*

DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	*	1		1500	181	29.	*	2		0600	361	3720.	*	2		2100	541	255.
1		0005	2	0.	*	1		1505	182	30.	*	2		0605	362	3652.	*	2		2105	542	252.
1		0010	3	0.	*	1		1510	183	31.	*	2		0610	363	3584.	*	2		2110	543	249.
1		0015	4	0.	*	1		1515	184	31.	*	2		0615	364	3516.	*	2		2115	544	247.
1		0020	5	0.	*	1		1520	185	35.	*	2		0620	365	3452.	*	2		2120	545	244.
1		0025	6	0.	*	1		1525	186	39.	*	2		0625	366	3389.	*	2		2125	546	241.
1		0030	7	0.	*	1		1530	187	42.	*	2		0630	367	3325.	*	2		2130	547	238.
1		0035	8	0.	*	1		1535	188	46.	*	2		0635	368	3266.	*	2		2135	548	233.
1		0040	9	0.	*	1		1540	189	50.	*	2		0640	369	3206.	*	2		2140	549	229.
1		0045	10	0.	*	1		1545	190	54.	*	2		0645	370	3146.	*	2		2145	550	224.
1		0050	11	0.	*	1		1550	191	63.	*	2		0650	371	3093.	*	2		2150	551	220.
1		0055	12	0.	*	1		1555	192	73.	*	2		0655	372	3039.	*	2		2155	552	217.
1		0100	13	0.	*	1		1600	193	82.	*	2		0700	373	2985.	*	2		2200	553	213.
1		0105	14	0.	*	1		1605	194	108.	*	2		0705	374	2937.	*	2		2205	554	211.
1		0110	15	0.	*	1		1610	195	134.	*	2		0710	375	2890.	*	2		2210	555	210.
1		0115	16	0.	*	1		1615	196	160.	*	2		0715	376	2843.	*	2		2215	556	208.
1		0120	17	0.	*	1		1620	197	184.	*	2		0720	377	2796.	*	2		2220	557	204.
1		0125	18	0.	*	1		1625	198	209.	*	2		0725	378	2749.	*	2		2225	558	200.
1		0130	19	0.	*	1		1630	199	233.	*	2		0730	379	2702.	*	2		2230	559	196.
1		0135	20	0.	*	1		1635	200	267.	*	2		0735	380	2665.	*	2		2235	560	193.
1		0140	21	0.	*	1		1640	201	301.	*	2		0740	381	2628.	*	2		2240	561	191.
1		0145	22	0.	*	1		1645	202	335.	*	2		0745	382	2590.	*	2		2245	562	189.
1		0150	23	0.	*	1		1650	203	391.	*	2		0750	383	2552.	*	2		2250	563	186.
1		0155	24	0.	*	1		1655	204	448.	*	2		0755	384	2514.	*	2		2255	564	182.
1		0200	25	0.	*	1		1700	205	504.	*	2		0800	385	2475.	*	2		2300	565	179.
1		0205	26	0.	*	1		1705	206	573.	*	2		0805	386	2436.	*	2		2305	566	175.
1		0210	27	0.	*	1		1710	207	642.	*	2		0810	387	2397.	*	2		2310	567	171.
1		0215	28	0.	*	1		1715	208	711.	*	2		0815	388	2358.	*	2		2315	568	168.
1		0220	29	0.	*	1		1720	209	746.	*	2		0820	389	2325.	*	2		2320	569	165.
1		0225	30	0.	*	1		1725	210	781.	*	2		0825	390	2293.	*	2		2325	570	162.
1		0230	31	0.	*	1		1730	211	816.	*	2		0830	391	2261.	*	2		2330	571	159.
1		0235	32	0.	*	1		1735	212	847.	*	2		0835	392	2229.	*	2		2335	572	157.
1		0240	33	0.	*	1		1740	213	879.	*	2		0840	393	2197.	*	2		2340	573	155.
1		0245	34	0.	*	1		1745	214	910.	*	2		0845	394	2165.	*	2		2345	574	153.

1	0250	35	0.	*	1	1750	215	942.	*	2	0850	395	2135.	*	2	2350	575	151.
1	0255	36	0.	*	1	1755	216	973.	*	2	0855	396	2106.	*	2	2355	576	149.
1	0300	37	0.	*	1	1800	217	1005.	*	2	0900	397	2076.	*	3	0000	577	147.
1	0305	38	0.	*	1	1805	218	1040.	*	2	0905	398	2048.	*	3	0005	578	144.
1	0310	39	0.	*	1	1810	219	1076.	*	2	0910	399	2020.	*	3	0010	579	141.
1	0315	40	0.	*	1	1815	220	1111.	*	2	0915	400	1993.	*	3	0015	580	139.
1	0320	41	0.	*	1	1820	221	1142.	*	2	0920	401	1965.	*	3	0020	581	137.
1	0325	42	0.	*	1	1825	222	1174.	*	2	0925	402	1938.	*	3	0025	582	134.
1	0330	43	0.	*	1	1830	223	1205.	*	2	0930	403	1910.	*	3	0030	583	132.
1	0335	44	0.	*	1	1835	224	1230.	*	2	0935	404	1883.	*	3	0035	584	129.
1	0340	45	0.	*	1	1840	225	1254.	*	2	0940	405	1857.	*	3	0040	585	126.
1	0345	46	0.	*	1	1845	226	1279.	*	2	0945	406	1830.	*	3	0045	586	123.
1	0350	47	0.	*	1	1850	227	1316.	*	2	0950	407	1802.	*	3	0050	587	121.
1	0355	48	0.	*	1	1855	228	1353.	*	2	0955	408	1773.	*	3	0055	588	118.
1	0400	49	0.	*	1	1900	229	1390.	*	2	1000	409	1745.	*	3	0100	589	115.
1	0405	50	0.	*	1	1905	230	1433.	*	2	1005	410	1720.	*	3	0105	590	112.
1	0410	51	0.	*	1	1910	231	1477.	*	2	1010	411	1695.	*	3	0110	591	110.
1	0415	52	0.	*	1	1915	232	1520.	*	2	1015	412	1669.	*	3	0115	592	108.
1	0420	53	0.	*	1	1920	233	1548.	*	2	1020	413	1645.	*	3	0120	593	105.
1	0425	54	0.	*	1	1925	234	1576.	*	2	1025	414	1621.	*	3	0125	594	102.
1	0430	55	0.	*	1	1930	235	1604.	*	2	1030	415	1597.	*	3	0130	595	98.
1	0435	56	0.	*	1	1935	236	1638.	*	2	1035	416	1573.	*	3	0135	596	97.
1	0440	57	0.	*	1	1940	237	1672.	*	2	1040	417	1549.	*	3	0140	597	96.
1	0445	58	0.	*	1	1945	238	1707.	*	2	1045	418	1526.	*	3	0145	598	94.
1	0450	59	0.	*	1	1950	239	1790.	*	2	1050	419	1502.	*	3	0150	599	91.
1	0455	60	0.	*	1	1955	240	1872.	*	2	1055	420	1479.	*	3	0155	600	89.
1	0500	61	0.	*	1	2000	241	1955.	*	2	1100	421	1456.	*	3	0200	601	86.
1	0505	62	0.	*	1	2005	242	2852.	*	2	1105	422	1432.	*	3	0205	602	84.
1	0510	63	0.	*	1	2010	243	3748.	*	2	1110	423	1409.	*	3	0210	603	81.
1	0515	64	0.	*	1	2015	244	4644.	*	2	1115	424	1386.	*	3	0215	604	79.
1	0520	65	0.	*	1	2020	245	5795.	*	2	1120	425	1363.	*	3	0220	605	79.
1	0525	66	0.	*	1	2025	246	6946.	*	2	1125	426	1341.	*	3	0225	606	79.
1	0530	67	0.	*	1	2030	247	8097.	*	2	1130	427	1318.	*	3	0230	607	78.
1	0535	68	0.	*	1	2035	248	8552.	*	2	1135	428	1299.	*	3	0235	608	76.
1	0540	69	0.	*	1	2040	249	9007.	*	2	1140	429	1280.	*	3	0240	609	73.
1	0545	70	0.	*	1	2045	250	9462.	*	2	1145	430	1261.	*	3	0245	610	70.
1	0550	71	0.	*	1	2050	251	9895.	*	2	1150	431	1241.	*	3	0250	611	69.
1	0555	72	0.	*	1	2055	252	10328.	*	2	1155	432	1222.	*	3	0255	612	68.
1	0600	73	0.	*	1	2100	253	10761.	*	2	1200	433	1202.	*	3	0300	613	68.
1	0605	74	0.	*	1	2105	254	10808.	*	2	1205	434	1181.	*	3	0305	614	66.
1	0610	75	0.	*	1	2110	255	10690.	*	2	1210	435	1159.	*	3	0310	615	64.
1	0615	76	0.	*	1	2115	256	10573.	*	2	1215	436	1138.	*	3	0315	616	62.
1	0620	77	0.	*	1	2120	257	10396.	*	2	1220	437	1117.	*	3	0320	617	61.
1	0625	78	0.	*	1	2125	258	10220.	*	2	1225	438	1096.	*	3	0325	618	60.
1	0630	79	0.	*	1	2130	259	10044.	*	2	1230	439	1075.	*	3	0330	619	59.
1	0635	80	0.	*	1	2135	260	9876.	*	2	1235	440	1059.	*	3	0335	620	59.
1	0640	81	0.	*	1	2140	261	9708.	*	2	1240	441	1042.	*	3	0340	621	58.
1	0645	82	0.	*	1	2145	262	9540.	*	2	1245	442	1025.	*	3	0345	622	58.
1	0650	83	0.	*	1	2150	263	9369.	*	2	1250	443	1007.	*	3	0350	623	56.
1	0655	84	0.	*	1	2155	264	9198.	*	2	1255	444	989.	*	3	0355	624	54.
1	0700	85	0.	*	1	2200	265	9027.	*	2	1300	445	972.	*	3	0400	625	52.
1	0705	86	0.	*	1	2205	266	8864.	*	2	1305	446	957.	*	3	0405	626	52.
1	0710	87	0.	*	1	2210	267	8701.	*	2	1310	447	943.	*	3	0410	627	52.
1	0715	88	0.	*	1	2215	268	8539.	*	2	1315	448	929.	*	3	0415	628	52.
1	0720	89	0.	*	1	2220	269	8397.	*	2	1320	449	914.	*	3	0420	629	52.
1	0725	90	0.	*	1	2225	270	8255.	*	2	1325	450	899.	*	3	0425	630	52.
1	0730	91	0.	*	1	2230	271	8112.	*	2	1330	451	884.	*	3	0430	631	52.
1	0735	92	0.	*	1	2235	272	7997.	*	2	1335	452	869.	*	3	0435	632	52.
1	0740	93	0.	*	1	2240	273	7881.	*	2	1340	453	855.	*	3	0440	633	52.
1	0745	94	0.	*	1	2245	274	7765.	*	2	1345	454	840.	*	3	0445	634	52.
1	0750	95	0.	*	1	2250	275	7666.	*	2	1350	455	828.	*	3	0450	635	51.
1	0755	96	0.	*	1	2255	276	7566.	*	2	1355	456	817.	*	3	0455	636	50.
1	0800	97	0.	*	1	2300	277	7467.	*	2	1400	457	805.	*	3	0500	637	49.
1	0805	98	0.	*	1	2305	278	7382.	*	2	1405	458	793.	*	3	0505	638	47.
1	0810	99	0.	*	1	2310	279	7296.	*	2	1410	459	780.	*	3	0510	639	45.
1	0815	100	0.	*	1	2315	280	7211.	*	2	1415	460	768.	*	3	0515	640	43.
1	0820	101	0.	*	1	2320	281	7139.	*	2	1420	461	757.	*	3	0520	641	43.
1	0825	102	0.	*	1	2325	282	7068.	*	2	1425	462	747.	*	3	0525	642	42.
1	0830	103	0.	*	1	2330	283	6997.	*	2	1430	463	736.	*	3	0530	643	42.
1	0835	104	0.	*	1	2335	284	6933.	*	2	1435	464	727.	*	3	0535	644	41.
1	0840	105	0.	*	1	2340	285	6870.	*	2	1440	465	718.	*	3	0540	645	41.
1	0845	106	0.	*	1	2345	286	6806.	*	2	1445	466	709.	*	3	0545	646	41.
1	0850	107	0.	*	1	2350	287	6752.	*	2	1450	467	701.	*	3	0550	647	40.
1	0855	108	0.	*	1	2355	288	6698.	*	2	1455	468	694.	*	3	0555	648	39.
1	0900	109	0.	*	2	0000	289	6644.	*	2	1500	469	686.	*	3	0600	649	39.
1	0905	110	0.	*	2	0005	290	6591.	*	2	1505	470	674.	*	3	0605	650	38.
1	0910	111	0.	*	2	0010	291	6537.	*	2	1510	471	662.	*	3	0610	651	37.
1	0915	112	0.	*	2	0015	292	6484.	*	2	1515	472	650.	*	3	0615	652	36.
1	0920	113	0.	*	2	0020	293	6433.	*	2	1520	473	642.	*	3	0620	653	35.
1	0925	114	0.	*	2	0025	294	6382.	*	2	1525	474	634.	*	3	0625	654	34.
1	0930	115	0.	*	2	0030	295	6332.	*	2	1530	475	626.	*	3	0630	655	33.
1	0935	116	0.	*	2	0035	296	6289.	*	2	1535	476	617.	*	3	0635	656	33.
1	0940	117	0.	*	2	0040	297	6246.	*	2	1540	477	609.	*	3	0640	657	33.
1	0945	118	0.	*	2	0045	298	6204.	*	2	1545	478	600.	*	3	0645	658	32.
1	0950	119	0.	*	2	0050	299	6166.	*	2	1550	479	591.	*	3	0650	659	32.
1	0955	120	0.	*	2	0055	300	6129.	*	2	1555	480	582.	*	3	0655	660	31.
1	1000	121	0.	*	2	0100	301	6091.	*	2	1600	481	572.	*	3	0700	661	30.
1	1005	122	0.	*	2	0105	302	6056.	*	2	1605	482	565.	*	3	0705	662	26.
1	1010	123	0.	*	2	0110	303	6022.	*	2	1610	483	559.	*	3	0710	663	26.
1	1015	124	0.	*	2	0115	304	5987.	*	2	1615	484	552.	*	3	0715	664	25.
1	1020	125	0.	*	2	0120	305	5953.	*	2	1620	485	544.	*	3	0720	665	24.
1	1025	126	0.	*	2	0125	306	5919.	*	2	1625	486	537.	*	3	0725	666	24.
1	1030	127	0.	*	2	0130	307	5884.	*	2	1630	487	529.	*	3	0730	667	23.
1	1035	128	0.	*	2	0135	308	5856.	*	2	1635	488	523.	*	3	0735	668	23.
1	1040	129	0.	*	2	0140	309	5827.	*	2	1640	489	516.	*	3	0740	669	23.
1	1045	130	0.	*	2	0145	310	5799.	*	2	1645	490	510.	*	3	0745	670	23.
1	1050	131	0.	*	2	0150	311	5774.	*	2	1650	491	502.	*	3	0750	671	22.
1	1055	132	0.	*	2	0155	312	5749.	*	2	1655	492	494.	*	3	0755	672	22.
1	1100	133	0.	*	2	0200	313	5725.	*	2	1700	493	485.	*	3	0800	673	21.
1	1105	134	0.	*	2	0205	314	5704.	*	2	1705	494	478.	*	3	0805	674	20.
1	1110	135	0.	*	2	0210	315	5683.	*	2	1710	495	470.	*	3	0810	675	20.
1	1115	136	0.	*	2	0215	316	5662.	*	2	1715	496	463.	*	3	0815	676	19.
1	1120	137	0.	*	2	0220	317	5640.	*	2	1720	497	455.	*	3	0820	677	18.
1	1125	138	0.	*	2	0225	318	5618.	*	2	1725	498	447.	*	3	0825	678	17.
1	1130	139	0.	*	2	0230	319	5597.	*	2	1730	499	440.	*	3	0830	679	17.
1	1135	140	0.	*	2	0235	320	5573.	*	2	1735	500	433.	*	3	0835	680	17.
1	1140	141	0.	*	2	0240	321	5549.	*	2	1740	501	427.	*	3	0840	681	17.
1	1145	142	0.	*	2	0245	322	5525.	*	2	1745	502	421.	*	3	0845	682	17.
1	1150	143	0.	*	2	0250	323	5509.	*	2	1750	503	416.	*	3	0850	683	16.
1	1155	144	0.	*	2	0255	324	5494.	*	2	1755	504	411.	*	3	0855	684	16.
1	1200	145	0.	*	2	0300	325	5478.	*	2	1800	505	406.	*	3	0900	685	16.
1	1205	146	0.	*	2	0305	326	5454.	*	2	1805	506	401.	*	3	0905	686	16.

1	1210	147	0.	*	2	0310	327	5430.	*	2	1810	507	395.	*	3	0910	687	17.
1	1215	148	0.	*	2	0315	328	5406.	*	2	1815	508	390.	*	3	0915	688	17.
1	1220	149	0.	*	2	0320	329	5385.	*	2	1820	509	384.	*	3	0920	689	15.
1	1225	150	0.	*	2	0325	330	5363.	*	2	1825	510	378.	*	3	0925	690	12.
1	1230	151	0.	*	2	0330	331	5341.	*	2	1830	511	372.	*	3	0930	691	10.
1	1235	152	0.	*	2	0335	332	5318.	*	2	1835	512	367.	*	3	0935	692	10.
1	1240	153	0.	*	2	0340	333	5294.	*	2	1840	513	362.	*	3	0940	693	10.
1	1245	154	0.	*	2	0345	334	5271.	*	2	1845	514	357.	*	3	0945	694	10.
1	1250	155	0.	*	2	0350	335	5239.	*	2	1850	515	351.	*	3	0950	695	10.
1	1255	156	0.	*	2	0355	336	5207.	*	2	1855	516	345.	*	3	0955	696	9.
1	1300	157	0.	*	2	0400	337	5175.	*	2	1900	517	339.	*	3	1000	697	9.
1	1305	158	1.	*	2	0405	338	5132.	*	2	1905	518	334.	*	3	1005	698	9.
1	1310	159	2.	*	2	0410	339	5089.	*	2	1910	519	330.	*	3	1010	699	8.
1	1315	160	3.	*	2	0415	340	5045.	*	2	1915	520	325.	*	3	1015	700	8.
1	1320	161	4.	*	2	0420	341	4998.	*	2	1920	521	323.	*	3	1020	701	7.
1	1325	162	4.	*	2	0425	342	4950.	*	2	1925	522	321.	*	3	1025	702	6.
1	1330	163	5.	*	2	0430	343	4902.	*	2	1930	523	318.	*	3	1030	703	5.
1	1335	164	6.	*	2	0435	344	4846.	*	2	1935	524	313.	*	3	1035	704	4.
1	1340	165	6.	*	2	0440	345	4789.	*	2	1940	525	308.	*	3	1040	705	4.
1	1345	166	7.	*	2	0445	346	4733.	*	2	1945	526	302.	*	3	1045	706	3.
1	1350	167	9.	*	2	0450	347	4672.	*	2	1950	527	300.	*	3	1050	707	3.
1	1355	168	11.	*	2	0455	348	4610.	*	2	1955	528	297.	*	3	1055	708	2.
1	1400	169	13.	*	2	0500	349	4549.	*	2	2000	529	295.	*	3	1100	709	2.
1	1405	170	16.	*	2	0505	350	4481.	*	2	2005	530	292.	*	3	1105	710	2.
1	1410	171	19.	*	2	0510	351	4413.	*	2	2010	531	289.	*	3	1110	711	1.
1	1415	172	23.	*	2	0515	352	4345.	*	2	2015	532	286.	*	3	1115	712	1.
1	1420	173	23.	*	2	0520	353	4273.	*	2	2020	533	282.	*	3	1120	713	1.
1	1425	174	23.	*	2	0525	354	4202.	*	2	2025	534	279.	*	3	1125	714	1.
1	1430	175	22.	*	2	0530	355	4130.	*	2	2030	535	276.	*	3	1130	715	1.
1	1435	176	22.	*	2	0535	356	4060.	*	2	2035	536	273.	*	3	1135	716	1.
1	1440	177	24.	*	2	0540	357	3990.	*	2	2040	537	270.	*	3	1140	717	0.
1	1445	178	25.	*	2	0545	358	3920.	*	2	2045	538	267.	*	3	1145	718	0.
1	1450	179	26.	*	2	0550	359	3853.	*	2	2050	539	263.	*	3	1150	719	0.
1	1455	180	28.	*	2	0555	360	3786.	*	2	2055	540	259.	*	3	1155	720	0.
				*					*					*				

****
*

PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	59.92-HR
+ (CFS)	(HR)					
		(CFS)				
+ 10808.	21.08		7537.	3549.	1470.	1470.
		(INCHES)	.000	.000	.000	.000
		(AC-FT)	3738.	7039.	7277.	7277.

CUMULATIVE AREA = .00 SQ MI

****
*

HYDROGRAPH AT STATION ONSIT
PLAN 1, RATIO = .94

****
*

DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	*	1		1500	181	29.	*	2		0600	361	3720.	*	2		2100	541	255.
1		0005	2	0.	*	1		1505	182	30.	*	2		0605	362	3652.	*	2		2105	542	252.
1		0010	3	0.	*	1		1510	183	31.	*	2		0610	363	3584.	*	2		2110	543	249.
1		0015	4	0.	*	1		1515	184	31.	*	2		0615	364	3516.	*	2		2115	544	247.
1		0020	5	0.	*	1		1520	185	35.	*	2		0620	365	3452.	*	2		2120	545	244.
1		0025	6	0.	*	1		1525	186	39.	*	2		0625	366	3389.	*	2		2125	546	241.
1		0030	7	0.	*	1		1530	187	42.	*	2		0630	367	3325.	*	2		2130	547	238.
1		0035	8	0.	*	1		1535	188	46.	*	2		0635	368	3266.	*	2		2135	548	233.
1		0040	9	0.	*	1		1540	189	50.	*	2		0640	369	3206.	*	2		2140	549	229.
1		0045	10	0.	*	1		1545	190	54.	*	2		0645	370	3146.	*	2		2145	550	224.
1		0050	11	0.	*	1		1550	191	63.	*	2		0650	371	3093.	*	2		2150	551	220.
1		0055	12	0.	*	1		1555	192	73.	*	2		0655	372	3039.	*	2		2155	552	217.
1		0100	13	0.	*	1		1600	193	82.	*	2		0700	373	2985.	*	2		2200	553	213.
1		0105	14	0.	*	1		1605	194	108.	*	2		0705	374	2937.	*	2		2205	554	211.
1		0110	15	0.	*	1		1610	195	134.	*	2		0710	375	2890.	*	2		2210	555	210.
1		0115	16	0.	*	1		1615	196	160.	*	2		0715	376	2843.	*	2		2215	556	208.
1		0120	17	0.	*	1		1620	197	184.	*	2		0720	377	2796.	*	2		2220	557	204.
1		0125	18	0.	*	1		1625	198	209.	*	2		0725	378	2749.	*	2		2225	558	200.
1		0130	19	0.	*	1		1630	199	233.	*	2		0730	379	2702.	*	2		2230	559	196.
1		0135	20	0.	*	1		1635	200	267.	*	2		0735	380	2665.	*	2		2235	560	193.
1		0140	21	0.	*	1		1640	201	301.	*	2		0740	381	2628.	*	2		2240	561	191.
1		0145	22	0.	*	1		1645	202	335.	*	2		0745	382	2590.	*	2		2245	562	189.
1		0150	23	0.	*	1		1650	203	391.	*	2		0750	383	2552.	*	2		2250	563	186.
1		0155	24	0.	*	1		1655	204	448.	*	2		0755	384	2514.	*	2		2255	564	182.
1		0200	25	0.	*	1		1700	205	504.	*	2		0800	385	2475.	*	2		2300	565	179.
1		0205	26	0.	*	1		1705	206	573.	*	2		0805	386	2436.	*	2		2305	566	175.
1		0210	27	0.	*	1		1710	207	642.	*	2		0810	387	2397.	*	2		2310	567	171.
1		0215	28	0.	*	1		1715	208	711.	*	2		0815	388	2358.	*	2		2315	568	168.
1		0220	29	0.	*	1		1720	209	746.	*	2		0820	389	2325.	*	2		2320	569	165.
1		0225	30	0.	*	1		1725	210	781.	*	2		0825	390	2293.	*	2		2325	570	162.
1		0230	31	0.	*	1		1730	211	816.	*	2		0830	391	2261.	*	2		2330	571	159.
1		0235	32	0.	*	1		1735	212	847.	*	2		0835	392	2229.	*	2		2335	572	157.
1		0240	33	0.	*	1		1740	213	879.	*	2		0840	393	2197.	*	2		2340	573	155.
1		0245	34	0.	*	1		1745	214	910.	*	2		0845	394	2165.	*	2		2345	574	153.
1		0250	35	0.	*	1		1750	215	942.	*	2		0850	395	2135.	*	2		2350	575	151.
1		0255	36	0.	*	1		1755	216	973.	*	2		0855	396	2106.	*	2		2355	576	149.
1		0300	37	0.	*	1		1800	217	1005.	*	2		0900	397	2076.	*	3		0000	577	147.
1		0305	38	0.	*	1		1805	218	1040.	*	2		0905	398	2048.	*	3		0005	578	144.
1		0310	39	0.	*	1		1810	219	1076.	*	2		0910	399	2020.	*	3		0010	579	141.
1		0315	40	0.	*	1		1815	220	1111.	*	2		0915	400	1993.	*	3		0015	580	139.
1		0320	41	0.	*	1		1820	221	1142.	*	2		0920	401	1965.	*	3		0020	581	137.
1		0325	42	0.	*	1		1825	222	1174.	*	2		0925	402	1938.	*	3		0025	582	134.
1		0330	43	0.	*	1		1830	223	1205.	*	2		0930	403	1910.	*	3		0030	583	132.
1		0335	44	0.	*	1		1835	224	1230.	*	2		0935	404	1883.	*	3		0035	584	129.
1		0340	45	0.	*	1		1840	225	1254.	*	2		0940	405	1857.	*	3		0040	585	126.
1		0345	46	0.	*	1		1845	226	1279.	*	2		0945	406	1830.	*	3		0045	586	123.
1		0350	47	0.	*	1		1850	227	1316.	*	2		0950	407	1802.	*	3		0050	587	121.
1		0355	48	0.	*	1		1855	228	1353.	*	2		0955	408	1773.	*	3		0055	588	118.
1		0400	49	0.	*	1		1900	229	1390.	*	2		1000	409	1745.	*	3		0100	589	115.

1	0405	50	0.	*	1	1905	230	1433.	*	2	1005	410	1720.	*	3	0105	590	112.
1	0410	51	0.	*	1	1910	231	1477.	*	2	1010	411	1695.	*	3	0110	591	110.
1	0415	52	0.	*	1	1915	232	1520.	*	2	1015	412	1669.	*	3	0115	592	108.
1	0420	53	0.	*	1	1920	233	1548.	*	2	1020	413	1645.	*	3	0120	593	105.
1	0425	54	0.	*	1	1925	234	1576.	*	2	1025	414	1621.	*	3	0125	594	102.
1	0430	55	0.	*	1	1930	235	1604.	*	2	1030	415	1597.	*	3	0130	595	98.
1	0435	56	0.	*	1	1935	236	1638.	*	2	1035	416	1573.	*	3	0135	596	97.
1	0440	57	0.	*	1	1940	237	1672.	*	2	1040	417	1549.	*	3	0140	597	96.
1	0445	58	0.	*	1	1945	238	1707.	*	2	1045	418	1526.	*	3	0145	598	94.
1	0450	59	0.	*	1	1950	239	1790.	*	2	1050	419	1502.	*	3	0150	599	91.
1	0455	60	0.	*	1	1955	240	1872.	*	2	1055	420	1479.	*	3	0155	600	89.
1	0500	61	0.	*	1	2000	241	1955.	*	2	1100	421	1456.	*	3	0200	601	86.
1	0505	62	0.	*	1	2005	242	2852.	*	2	1105	422	1432.	*	3	0205	602	84.
1	0510	63	0.	*	1	2010	243	3748.	*	2	1110	423	1409.	*	3	0210	603	81.
1	0515	64	0.	*	1	2015	244	4644.	*	2	1115	424	1386.	*	3	0215	604	79.
1	0520	65	0.	*	1	2020	245	5795.	*	2	1120	425	1363.	*	3	0220	605	79.
1	0525	66	0.	*	1	2025	246	6946.	*	2	1125	426	1341.	*	3	0225	606	79.
1	0530	67	0.	*	1	2030	247	8097.	*	2	1130	427	1318.	*	3	0230	607	78.
1	0535	68	0.	*	1	2035	248	8552.	*	2	1135	428	1299.	*	3	0235	608	76.
1	0540	69	0.	*	1	2040	249	9007.	*	2	1140	429	1280.	*	3	0240	609	73.
1	0545	70	0.	*	1	2045	250	9462.	*	2	1145	430	1261.	*	3	0245	610	70.
1	0550	71	0.	*	1	2050	251	9895.	*	2	1150	431	1241.	*	3	0250	611	69.
1	0555	72	0.	*	1	2055	252	10328.	*	2	1155	432	1222.	*	3	0255	612	68.
1	0600	73	0.	*	1	2100	253	10761.	*	2	1200	433	1202.	*	3	0300	613	68.
1	0605	74	0.	*	1	2105	254	10808.	*	2	1205	434	1181.	*	3	0305	614	66.
1	0610	75	0.	*	1	2110	255	10690.	*	2	1210	435	1159.	*	3	0310	615	64.
1	0615	76	0.	*	1	2115	256	10573.	*	2	1215	436	1138.	*	3	0315	616	62.
1	0620	77	0.	*	1	2120	257	10396.	*	2	1220	437	1117.	*	3	0320	617	61.
1	0625	78	0.	*	1	2125	258	10220.	*	2	1225	438	1096.	*	3	0325	618	60.
1	0630	79	0.	*	1	2130	259	10044.	*	2	1230	439	1075.	*	3	0330	619	59.
1	0635	80	0.	*	1	2135	260	9876.	*	2	1235	440	1059.	*	3	0335	620	59.
1	0640	81	0.	*	1	2140	261	9708.	*	2	1240	441	1042.	*	3	0340	621	58.
1	0645	82	0.	*	1	2145	262	9540.	*	2	1245	442	1025.	*	3	0345	622	58.
1	0650	83	0.	*	1	2150	263	9369.	*	2	1250	443	1007.	*	3	0350	623	56.
1	0655	84	0.	*	1	2155	264	9198.	*	2	1255	444	989.	*	3	0355	624	54.
1	0700	85	0.	*	1	2200	265	9027.	*	2	1300	445	972.	*	3	0400	625	52.
1	0705	86	0.	*	1	2205	266	8864.	*	2	1305	446	957.	*	3	0405	626	52.
1	0710	87	0.	*	1	2210	267	8701.	*	2	1310	447	943.	*	3	0410	627	52.
1	0715	88	0.	*	1	2215	268	8539.	*	2	1315	448	929.	*	3	0415	628	52.
1	0720	89	0.	*	1	2220	269	8397.	*	2	1320	449	914.	*	3	0420	629	52.
1	0725	90	0.	*	1	2225	270	8255.	*	2	1325	450	899.	*	3	0425	630	52.
1	0730	91	0.	*	1	2230	271	8112.	*	2	1330	451	884.	*	3	0430	631	52.
1	0735	92	0.	*	1	2235	272	7997.	*	2	1335	452	869.	*	3	0435	632	52.
1	0740	93	0.	*	1	2240	273	7881.	*	2	1340	453	855.	*	3	0440	633	52.
1	0745	94	0.	*	1	2245	274	7765.	*	2	1345	454	840.	*	3	0445	634	52.
1	0750	95	0.	*	1	2250	275	7666.	*	2	1350	455	828.	*	3	0450	635	51.
1	0755	96	0.	*	1	2255	276	7566.	*	2	1355	456	817.	*	3	0455	636	50.
1	0800	97	0.	*	1	2300	277	7467.	*	2	1400	457	805.	*	3	0500	637	49.
1	0805	98	0.	*	1	2305	278	7382.	*	2	1405	458	793.	*	3	0505	638	47.
1	0810	99	0.	*	1	2310	279	7296.	*	2	1410	459	780.	*	3	0510	639	45.
1	0815	100	0.	*	1	2315	280	7211.	*	2	1415	460	768.	*	3	0515	640	43.
1	0820	101	0.	*	1	2320	281	7139.	*	2	1420	461	757.	*	3	0520	641	43.
1	0825	102	0.	*	1	2325	282	7068.	*	2	1425	462	747.	*	3	0525	642	42.
1	0830	103	0.	*	1	2330	283	6997.	*	2	1430	463	736.	*	3	0530	643	42.
1	0835	104	0.	*	1	2335	284	6933.	*	2	1435	464	727.	*	3	0535	644	41.
1	0840	105	0.	*	1	2340	285	6870.	*	2	1440	465	718.	*	3	0540	645	41.
1	0845	106	0.	*	1	2345	286	6806.	*	2	1445	466	709.	*	3	0545	646	41.
1	0850	107	0.	*	1	2350	287	6752.	*	2	1450	467	701.	*	3	0550	647	40.
1	0855	108	0.	*	1	2355	288	6698.	*	2	1455	468	694.	*	3	0555	648	39.
1	0900	109	0.	*	2	0000	289	6644.	*	2	1500	469	686.	*	3	0600	649	39.
1	0905	110	0.	*	2	0005	290	6591.	*	2	1505	470	674.	*	3	0605	650	38.
1	0910	111	0.	*	2	0010	291	6537.	*	2	1510	471	662.	*	3	0610	651	37.
1	0915	112	0.	*	2	0015	292	6484.	*	2	1515	472	650.	*	3	0615	652	36.
1	0920	113	0.	*	2	0020	293	6433.	*	2	1520	473	642.	*	3	0620	653	35.
1	0925	114	0.	*	2	0025	294	6382.	*	2	1525	474	634.	*	3	0625	654	34.
1	0930	115	0.	*	2	0030	295	6332.	*	2	1530	475	626.	*	3	0630	655	33.
1	0935	116	0.	*	2	0035	296	6289.	*	2	1535	476	617.	*	3	0635	656	33.
1	0940	117	0.	*	2	0040	297	6246.	*	2	1540	477	609.	*	3	0640	657	33.
1	0945	118	0.	*	2	0045	298	6204.	*	2	1545	478	600.	*	3	0645	658	32.
1	0950	119	0.	*	2	0050	299	6166.	*	2	1550	479	591.	*	3	0650	659	32.
1	0955	120	0.	*	2	0055	300	6129.	*	2	1555	480	582.	*	3	0655	660	31.
1	1000	121	0.	*	2	0100	301	6091.	*	2	1600	481	572.	*	3	0700	661	30.
1	1005	122	0.	*	2	0105	302	6056.	*	2	1605	482	565.	*	3	0705	662	26.
1	1010	123	0.	*	2	0110	303	6022.	*	2	1610	483	559.	*	3	0710	663	26.
1	1015	124	0.	*	2	0115	304	5987.	*	2	1615	484	552.	*	3	0715	664	25.
1	1020	125	0.	*	2	0120	305	5953.	*	2	1620	485	544.	*	3	0720	665	24.
1	1025	126	0.	*	2	0125	306	5919.	*	2	1625	486	537.	*	3	0725	666	24.
1	1030	127	0.	*	2	0130	307	5884.	*	2	1630	487	529.	*	3	0730	667	23.
1	1035	128	0.	*	2	0135	308	5856.	*	2	1635	488	523.	*	3	0735	668	23.
1	1040	129	0.	*	2	0140	309	5827.	*	2	1640	489	516.	*	3	0740	669	23.
1	1045	130	0.	*	2	0145	310	5799.	*	2	1645	490	510.	*	3	0745	670	23.
1	1050	131	0.	*	2	0150	311	5774.	*	2	1650	491	502.	*	3	0750	671	22.
1	1055	132	0.	*	2	0155	312	5749.	*	2	1655	492	494.	*	3	0755	672	22.
1	1100	133	0.	*	2	0200	313	5725.	*	2	1700	493	485.	*	3	0800	673	21.
1	1105	134	0.	*	2	0205	314	5704.	*	2	1705	494	478.	*	3	0805	674	20.
1	1110	135	0.	*	2	0210	315	5683.	*	2	1710	495	470.	*	3	0810	675	20.
1	1115	136	0.	*	2	0215	316	5662.	*	2	1715	496	463.	*	3	0815	676	19.
1	1120	137	0.	*	2	0220	317	5640.	*	2	1720	497	455.	*	3	0820	677	18.
1	1125	138	0.	*	2	0225	318	5618.	*	2	1725	498	447.	*	3	0825	678	17.
1	1130	139	0.	*	2	0230	319	5597.	*	2	1730	499	440.	*	3	0830	679	17.
1	1135	140	0.	*	2	0235	320	5573.	*	2	1735	500	433.	*	3	0835	680	17.
1	1140	141	0.	*	2	0240	321	5549.	*	2	1740	501	427.	*	3	0840	681	17.
1	1145	142	0.	*	2	0245	322	5525.	*	2	1745	502	421.	*	3	0845	682	17.
1	1150	143	0.	*	2	0250	323	5509.	*	2	1750	503	416.	*	3	0850	683	16.
1	1155	144	0.	*	2	0255	324	5494.	*	2	1755	504	411.	*	3	0855	684	16.
1	1200	145	0.	*	2	0300	325	5478.	*	2	1800	505	406.	*	3	0900	685	16.
1	1205	146	0.	*	2	0305	326	5454.	*	2	1805	506	401.	*	3	0905	686	16.
1	1210	147	0.	*	2	0310	327	5430.	*	2	1810	507	395.	*	3	0910	687	17.
1	1215	148	0.	*	2	0315	328	5406.	*	2	1815	508	390.	*	3	0915	688	17.
1	1220	149	0.	*	2	0320	329	5385.	*	2	1820	509	384.	*	3	0920	689	15.
1	1225	150	0.	*	2	0325	330	5363.	*	2	1825	510	378.	*	3	0925	690	12.
1	1230	151	0.	*	2	0330	331	5341.	*	2	1830	511	372.	*	3	0930	691	10.
1	1235	152	0.	*	2	0335	332	5318.	*	2	1835	512	367.	*	3	0935	692	10.
1	1240	153	0.	*	2	0340	333	5294.	*	2	1840	513	362.	*	3	0940	693	10.
1	1245	154	0.	*	2	0345	334	5271.	*	2	1845	514	357.	*	3	0945	694	10.
1	1250	155	0.	*	2	0350	335	5239.	*	2	1850	515	351.	*	3	0950	695	10.
1	1255	156	0.	*	2	0355	336	5207.	*	2	1855	516	345.	*	3	0955	696	9.
1	1300	157	0.	*	2	0400	337	5175.	*	2	1900	517	339.	*	3	1000	697	9.
1	1305	158	1.	*	2	0405	338	5132.	*	2	1905	518	334.	*	3	1005	698	9.
1	1310	159	2.	*	2	0410	339	5089.	*	2	1910	519	330.	*	3	1010	699	8.
1	1315	160	3.	*	2	0415	340	5045.	*	2	1915	520	325.	*	3	1015	700	8.
1	1320	161	4.	*	2	0420	341	4998.	*	2	1920	521	323.	*	3	1020	701	7.

1	1325	162	4.	*	2	0425	342	4950.	*	2	1925	522	321.	*	3	1025	702	6.
1	1330	163	5.	*	2	0430	343	4902.	*	2	1930	523	318.	*	3	1030	703	5.
1	1335	164	6.	*	2	0435	344	4846.	*	2	1935	524	313.	*	3	1035	704	4.
1	1340	165	6.	*	2	0440	345	4789.	*	2	1940	525	308.	*	3	1040	705	4.
1	1345	166	7.	*	2	0445	346	4733.	*	2	1945	526	302.	*	3	1045	706	3.
1	1350	167	9.	*	2	0450	347	4672.	*	2	1950	527	300.	*	3	1050	707	3.
1	1355	168	11.	*	2	0455	348	4610.	*	2	1955	528	297.	*	3	1055	708	2.
1	1400	169	13.	*	2	0500	349	4549.	*	2	2000	529	295.	*	3	1100	709	2.
1	1405	170	16.	*	2	0505	350	4481.	*	2	2005	530	292.	*	3	1105	710	2.
1	1410	171	19.	*	2	0510	351	4413.	*	2	2010	531	289.	*	3	1110	711	1.
1	1415	172	23.	*	2	0515	352	4345.	*	2	2015	532	286.	*	3	1115	712	1.
1	1420	173	23.	*	2	0520	353	4273.	*	2	2020	533	282.	*	3	1120	713	1.
1	1425	174	23.	*	2	0525	354	4202.	*	2	2025	534	279.	*	3	1125	714	1.
1	1430	175	22.	*	2	0530	355	4130.	*	2	2030	535	276.	*	3	1130	715	1.
1	1435	176	22.	*	2	0535	356	4060.	*	2	2035	536	273.	*	3	1135	716	1.
1	1440	177	24.	*	2	0540	357	3990.	*	2	2040	537	270.	*	3	1140	717	0.
1	1445	178	25.	*	2	0545	358	3920.	*	2	2045	538	267.	*	3	1145	718	0.
1	1450	179	26.	*	2	0550	359	3853.	*	2	2050	539	263.	*	3	1150	719	0.
1	1455	180	28.	*	2	0555	360	3786.	*	2	2055	540	259.	*	3	1155	720	0.
				*					*					*				

****
*

PEAK FLOW (CFS)	TIME (HR)	MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	59.92-HR
+		(CFS)			
+ 10808.	21.08	7537.	3549.	1470.	1470.
		(INCHES) .000	.000	.000	.000
		(AC-FT) 3738.	7039.	7277.	7277.

CUMULATIVE AREA = .00 SQ MI

****
*

HYDROGRAPH AT STATION ONSIT
PLAN 1, RATIO = .93

****
*

DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1500	181	29.	2		0600	361	3720.	2		2100	541	255.
1		0005	2	0.	1		1505	182	30.	2		0605	362	3652.	2		2105	542	252.
1		0010	3	0.	1		1510	183	31.	2		0610	363	3584.	2		2110	543	249.
1		0015	4	0.	1		1515	184	31.	2		0615	364	3516.	2		2115	544	247.
1		0020	5	0.	1		1520	185	35.	2		0620	365	3452.	2		2120	545	244.
1		0025	6	0.	1		1525	186	39.	2		0625	366	3389.	2		2125	546	241.
1		0030	7	0.	1		1530	187	42.	2		0630	367	3325.	2		2130	547	238.
1		0035	8	0.	1		1535	188	46.	2		0635	368	3266.	2		2135	548	233.
1		0040	9	0.	1		1540	189	50.	2		0640	369	3206.	2		2140	549	229.
1		0045	10	0.	1		1545	190	54.	2		0645	370	3146.	2		2145	550	224.
1		0050	11	0.	1		1550	191	63.	2		0650	371	3093.	2		2150	551	220.
1		0055	12	0.	1		1555	192	73.	2		0655	372	3039.	2		2155	552	217.
1		0100	13	0.	1		1600	193	82.	2		0700	373	2985.	2		2200	553	213.
1		0105	14	0.	1		1605	194	108.	2		0705	374	2937.	2		2205	554	211.
1		0110	15	0.	1		1610	195	134.	2		0710	375	2890.	2		2210	555	210.
1		0115	16	0.	1		1615	196	160.	2		0715	376	2843.	2		2215	556	208.
1		0120	17	0.	1		1620	197	184.	2		0720	377	2796.	2		2220	557	204.
1		0125	18	0.	1		1625	198	209.	2		0725	378	2749.	2		2225	558	200.
1		0130	19	0.	1		1630	199	233.	2		0730	379	2702.	2		2230	559	196.
1		0135	20	0.	1		1635	200	267.	2		0735	380	2665.	2		2235	560	193.
1		0140	21	0.	1		1640	201	301.	2		0740	381	2628.	2		2240	561	191.
1		0145	22	0.	1		1645	202	335.	2		0745	382	2590.	2		2245	562	189.
1		0150	23	0.	1		1650	203	391.	2		0750	383	2552.	2		2250	563	186.
1		0155	24	0.	1		1655	204	448.	2		0755	384	2514.	2		2255	564	182.
1		0200	25	0.	1		1700	205	504.	2		0800	385	2475.	2		2300	565	179.
1		0205	26	0.	1		1705	206	573.	2		0805	386	2436.	2		2305	566	175.
1		0210	27	0.	1		1710	207	642.	2		0810	387	2397.	2		2310	567	171.
1		0215	28	0.	1		1715	208	711.	2		0815	388	2358.	2		2315	568	168.
1		0220	29	0.	1		1720	209	746.	2		0820	389	2325.	2		2320	569	165.
1		0225	30	0.	1		1725	210	781.	2		0825	390	2293.	2		2325	570	162.
1		0230	31	0.	1		1730	211	816.	2		0830	391	2261.	2		2330	571	159.
1		0235	32	0.	1		1735	212	847.	2		0835	392	2229.	2		2335	572	157.
1		0240	33	0.	1		1740	213	879.	2		0840	393	2197.	2		2340	573	155.
1		0245	34	0.	1		1745	214	910.	2		0845	394	2165.	2		2345	574	153.
1		0250	35	0.	1		1750	215	942.	2		0850	395	2135.	2		2350	575	151.
1		0255	36	0.	1		1755	216	973.	2		0855	396	2106.	2		2355	576	149.
1		0300	37	0.	1		1800	217	1005.	2		0900	397	2076.	3		0000	577	147.
1		0305	38	0.	1		1805	218	1040.	2		0905	398	2048.	3		0005	578	144.
1		0310	39	0.	1		1810	219	1076.	2		0910	399	2020.	3		0010	579	141.
1		0315	40	0.	1		1815	220	1111.	2		0915	400	1993.	3		0015	580	139.
1		0320	41	0.	1		1820	221	1142.	2		0920	401	1965.	3		0020	581	137.
1		0325	42	0.	1		1825	222	1174.	2		0925	402	1938.	3		0025	582	134.
1		0330	43	0.	1		1830	223	1205.	2		0930	403	1910.	3		0030	583	132.
1		0335	44	0.	1		1835	224	1230.	2		0935	404	1883.	3		0035	584	129.
1		0340	45	0.	1		1840	225	1254.	2		0940	405	1857.	3		0040	585	126.
1		0345	46	0.	1		1845	226	1279.	2		0945	406	1830.	3		0045	586	123.
1		0350	47	0.	1		1850	227	1316.	2		0950	407	1802.	3		0050	587	121.
1		0355	48	0.	1		1855	228	1353.	2		0955	408	1773.	3		0055	588	118.
1		0400	49	0.	1		1900	229	1390.	2		1000	409	1745.	3		0100	589	115.
1		0405	50	0.	1		1905	230	1433.	2		1005	410	1720.	3		0105	590	112.
1		0410	51	0.	1		1910	231	1477.	2		1010	411	1695.	3		0110	591	110.
1		0415	52	0.	1		1915	232	1520.	2		1015	412	1669.	3		0115	592	108.
1		0420	53	0.	1		1920	233	1548.	2		1020	413	1645.	3		0120	593	105.
1		0425	54	0.	1		1925	234	1576.	2		1025	414	1621.	3		0125	594	102.
1		0430	55	0.	1		1930	235	1604.	2		1030	415	1597.	3		0130	595	98.
1		0435	56	0.	1		1935	236	1638.	2		1035	416	1573.	3		0135	596	97.
1		0440	57	0.	1		1940	237	1672.	2		1040	417	1549.	3		0140	597	96.
1		0445	58	0.	1		1945	238	1707.	2		1045	418	1526.	3		0145	598	94.
1		0450	59	0.	1		1950	239	1790.	2		1050	419	1502.	3		0150	599	91.
1		0455	60	0.	1		1955	240	1872.	2		1055	420	1479.	3		0155	600	89.
1		0500	61	0.	1		2000	241	1955.	2		1100	421	1456.	3		0200	601	86.
1		0505	62	0.	1		2005	242	2852.	2		1105	422	1432.	3		0205	602	84.
1		0510	63	0.	1		2010	243	3748.	2		1110	423	1409.	3		0210	603	81.
1		0515	64	0.	1		2015	244	4644.	2		1115	424	1386.	3		0215	604	79.

1	0520	65	0.	*	1	2020	245	5795.	*	2	1120	425	1363.	*	3	0220	605	79.
1	0525	66	0.	*	1	2025	246	6946.	*	2	1125	426	1341.	*	3	0225	606	79.
1	0530	67	0.	*	1	2030	247	8097.	*	2	1130	427	1318.	*	3	0230	607	78.
1	0535	68	0.	*	1	2035	248	8552.	*	2	1135	428	1299.	*	3	0235	608	76.
1	0540	69	0.	*	1	2040	249	9007.	*	2	1140	429	1280.	*	3	0240	609	73.
1	0545	70	0.	*	1	2045	250	9462.	*	2	1145	430	1261.	*	3	0245	610	70.
1	0550	71	0.	*	1	2050	251	9895.	*	2	1150	431	1241.	*	3	0250	611	69.
1	0555	72	0.	*	1	2055	252	10328.	*	2	1155	432	1222.	*	3	0255	612	68.
1	0600	73	0.	*	1	2100	253	10761.	*	2	1200	433	1202.	*	3	0300	613	68.
1	0605	74	0.	*	1	2105	254	10808.	*	2	1205	434	1181.	*	3	0305	614	66.
1	0610	75	0.	*	1	2110	255	10690.	*	2	1210	435	1159.	*	3	0310	615	64.
1	0615	76	0.	*	1	2115	256	10573.	*	2	1215	436	1138.	*	3	0315	616	62.
1	0620	77	0.	*	1	2120	257	10396.	*	2	1220	437	1117.	*	3	0320	617	61.
1	0625	78	0.	*	1	2125	258	10220.	*	2	1225	438	1096.	*	3	0325	618	60.
1	0630	79	0.	*	1	2130	259	10044.	*	2	1230	439	1075.	*	3	0330	619	59.
1	0635	80	0.	*	1	2135	260	9876.	*	2	1235	440	1059.	*	3	0335	620	59.
1	0640	81	0.	*	1	2140	261	9708.	*	2	1240	441	1042.	*	3	0340	621	58.
1	0645	82	0.	*	1	2145	262	9540.	*	2	1245	442	1025.	*	3	0345	622	58.
1	0650	83	0.	*	1	2150	263	9369.	*	2	1250	443	1007.	*	3	0350	623	56.
1	0655	84	0.	*	1	2155	264	9198.	*	2	1255	444	989.	*	3	0355	624	54.
1	0700	85	0.	*	1	2200	265	9027.	*	2	1300	445	972.	*	3	0400	625	52.
1	0705	86	0.	*	1	2205	266	8864.	*	2	1305	446	957.	*	3	0405	626	52.
1	0710	87	0.	*	1	2210	267	8701.	*	2	1310	447	943.	*	3	0410	627	52.
1	0715	88	0.	*	1	2215	268	8539.	*	2	1315	448	929.	*	3	0415	628	52.
1	0720	89	0.	*	1	2220	269	8397.	*	2	1320	449	914.	*	3	0420	629	52.
1	0725	90	0.	*	1	2225	270	8255.	*	2	1325	450	899.	*	3	0425	630	52.
1	0730	91	0.	*	1	2230	271	8112.	*	2	1330	451	884.	*	3	0430	631	52.
1	0735	92	0.	*	1	2235	272	7997.	*	2	1335	452	869.	*	3	0435	632	52.
1	0740	93	0.	*	1	2240	273	7881.	*	2	1340	453	855.	*	3	0440	633	52.
1	0745	94	0.	*	1	2245	274	7765.	*	2	1345	454	840.	*	3	0445	634	52.
1	0750	95	0.	*	1	2250	275	7666.	*	2	1350	455	828.	*	3	0450	635	51.
1	0755	96	0.	*	1	2255	276	7566.	*	2	1355	456	817.	*	3	0455	636	50.
1	0800	97	0.	*	1	2300	277	7467.	*	2	1400	457	805.	*	3	0500	637	49.
1	0805	98	0.	*	1	2305	278	7382.	*	2	1405	458	793.	*	3	0505	638	47.
1	0810	99	0.	*	1	2310	279	7296.	*	2	1410	459	780.	*	3	0510	639	45.
1	0815	100	0.	*	1	2315	280	7211.	*	2	1415	460	768.	*	3	0515	640	43.
1	0820	101	0.	*	1	2320	281	7139.	*	2	1420	461	757.	*	3	0520	641	43.
1	0825	102	0.	*	1	2325	282	7068.	*	2	1425	462	747.	*	3	0525	642	42.
1	0830	103	0.	*	1	2330	283	6997.	*	2	1430	463	736.	*	3	0530	643	42.
1	0835	104	0.	*	1	2335	284	6933.	*	2	1435	464	727.	*	3	0535	644	41.
1	0840	105	0.	*	1	2340	285	6870.	*	2	1440	465	718.	*	3	0540	645	41.
1	0845	106	0.	*	1	2345	286	6806.	*	2	1445	466	709.	*	3	0545	646	41.
1	0850	107	0.	*	1	2350	287	6752.	*	2	1450	467	701.	*	3	0550	647	40.
1	0855	108	0.	*	1	2355	288	6698.	*	2	1455	468	694.	*	3	0555	648	39.
1	0900	109	0.	*	2	0000	289	6644.	*	2	1500	469	686.	*	3	0600	649	39.
1	0905	110	0.	*	2	0005	290	6591.	*	2	1505	470	674.	*	3	0605	650	38.
1	0910	111	0.	*	2	0010	291	6537.	*	2	1510	471	662.	*	3	0610	651	37.
1	0915	112	0.	*	2	0015	292	6484.	*	2	1515	472	650.	*	3	0615	652	36.
1	0920	113	0.	*	2	0020	293	6433.	*	2	1520	473	642.	*	3	0620	653	35.
1	0925	114	0.	*	2	0025	294	6382.	*	2	1525	474	634.	*	3	0625	654	34.
1	0930	115	0.	*	2	0030	295	6332.	*	2	1530	475	626.	*	3	0630	655	33.
1	0935	116	0.	*	2	0035	296	6289.	*	2	1535	476	617.	*	3	0635	656	33.
1	0940	117	0.	*	2	0040	297	6246.	*	2	1540	477	609.	*	3	0640	657	33.
1	0945	118	0.	*	2	0045	298	6204.	*	2	1545	478	600.	*	3	0645	658	32.
1	0950	119	0.	*	2	0050	299	6166.	*	2	1550	479	591.	*	3	0650	659	32.
1	0955	120	0.	*	2	0055	300	6129.	*	2	1555	480	582.	*	3	0655	660	31.
1	1000	121	0.	*	2	0100	301	6091.	*	2	1600	481	572.	*	3	0700	661	30.
1	1005	122	0.	*	2	0105	302	6056.	*	2	1605	482	565.	*	3	0705	662	26.
1	1010	123	0.	*	2	0110	303	6022.	*	2	1610	483	559.	*	3	0710	663	26.
1	1015	124	0.	*	2	0115	304	5987.	*	2	1615	484	552.	*	3	0715	664	25.
1	1020	125	0.	*	2	0120	305	5953.	*	2	1620	485	544.	*	3	0720	665	24.
1	1025	126	0.	*	2	0125	306	5919.	*	2	1625	486	537.	*	3	0725	666	24.
1	1030	127	0.	*	2	0130	307	5884.	*	2	1630	487	529.	*	3	0730	667	23.
1	1035	128	0.	*	2	0135	308	5856.	*	2	1635	488	523.	*	3	0735	668	23.
1	1040	129	0.	*	2	0140	309	5827.	*	2	1640	489	516.	*	3	0740	669	23.
1	1045	130	0.	*	2	0145	310	5799.	*	2	1645	490	510.	*	3	0745	670	23.
1	1050	131	0.	*	2	0150	311	5774.	*	2	1650	491	502.	*	3	0750	671	22.
1	1055	132	0.	*	2	0155	312	5749.	*	2	1655	492	494.	*	3	0755	672	22.
1	1100	133	0.	*	2	0200	313	5725.	*	2	1700	493	485.	*	3	0800	673	21.
1	1105	134	0.	*	2	0205	314	5704.	*	2	1705	494	478.	*	3	0805	674	20.
1	1110	135	0.	*	2	0210	315	5683.	*	2	1710	495	470.	*	3	0810	675	20.
1	1115	136	0.	*	2	0215	316	5662.	*	2	1715	496	463.	*	3	0815	676	19.
1	1120	137	0.	*	2	0220	317	5640.	*	2	1720	497	455.	*	3	0820	677	18.
1	1125	138	0.	*	2	0225	318	5618.	*	2	1725	498	447.	*	3	0825	678	17.
1	1130	139	0.	*	2	0230	319	5597.	*	2	1730	499	440.	*	3	0830	679	17.
1	1135	140	0.	*	2	0235	320	5573.	*	2	1735	500	433.	*	3	0835	680	17.
1	1140	141	0.	*	2	0240	321	5549.	*	2	1740	501	427.	*	3	0840	681	17.
1	1145	142	0.	*	2	0245	322	5525.	*	2	1745	502	421.	*	3	0845	682	17.
1	1150	143	0.	*	2	0250	323	5509.	*	2	1750	503	416.	*	3	0850	683	16.
1	1155	144	0.	*	2	0255	324	5494.	*	2	1755	504	411.	*	3	0855	684	16.
1	1200	145	0.	*	2	0300	325	5478.	*	2	1800	505	406.	*	3	0900	685	16.
1	1205	146	0.	*	2	0305	326	5454.	*	2	1805	506	401.	*	3	0905	686	16.
1	1210	147	0.	*	2	0310	327	5430.	*	2	1810	507	395.	*	3	0910	687	17.
1	1215	148	0.	*	2	0315	328	5406.	*	2	1815	508	390.	*	3	0915	688	17.
1	1220	149	0.	*	2	0320	329	5385.	*	2	1820	509	384.	*	3	0920	689	15.
1	1225	150	0.	*	2	0325	330	5363.	*	2	1825	510	378.	*	3	0925	690	12.
1	1230	151	0.	*	2	0330	331	5341.	*	2	1830	511	372.	*	3	0930	691	10.
1	1235	152	0.	*	2	0335	332	5318.	*	2	1835	512	367.	*	3	0935	692	10.
1	1240	153	0.	*	2	0340	333	5294.	*	2	1840	513	362.	*	3	0940	693	10.
1	1245	154	0.	*	2	0345	334	5271.	*	2	1845	514	357.	*	3	0945	694	10.
1	1250	155	0.	*	2	0350	335	5239.	*	2	1850	515	351.	*	3	0950	695	10.
1	1255	156	0.	*	2	0355	336	5207.	*	2	1855	516	345.	*	3	0955	696	9.
1	1300	157	0.	*	2	0400	337	5175.	*	2	1900	517	339.	*	3	1000	697	9.
1	1305	158	1.	*	2	0405	338	5132.	*	2	1905	518	334.	*	3	1005	698	9.
1	1310	159	2.	*	2	0410	339	5089.	*	2	1910	519	330.	*	3	1010	699	8.
1	1315	160	3.	*	2	0415	340	5045.	*	2	1915	520	325.	*	3	1015	700	8.
1	1320	161	4.	*	2	0420	341	4998.	*	2	1920	521	323.	*	3	1020	701	7.
1	1325	162	4.	*	2	0425	342	4950.	*	2	1925	522	321.	*	3	1025	702	6.
1	1330	163	5.	*	2	0430	343	4902.	*	2	1930	523	318.	*	3	1030	703	5.
1	1335	164	6.	*	2	0435	344	4846.	*	2	1935	524	313.	*	3	1035	704	4.
1	1340	165	6.	*	2	0440	345	4789.	*	2	1940	525	308.	*	3	1040	705	4.
1	1345	166	7.	*	2	0445	346	4733.	*	2	1945	526	302.	*	3	1045	706	3.
1	1350	167	9.	*	2	0450	347	4672.	*	2	1950	527	300.	*	3	1050	707	3.
1	1355	168	11.	*	2	0455	348	4610.	*	2	1955	528	297.	*	3	1055	708	2.
1	1400	169	13.	*	2	0500	349	4549.	*	2	2000	529	295.	*	3	1100	709	2.
1	1405	170	16.	*	2	0505	350	4481.	*	2	2005	530	292.	*	3	1105	710	2.
1	1410	171	19.	*	2	0510	351	4413.	*	2	2010	531	289.	*	3	1110	711	1.
1	1415	172	23.	*	2	0515	352	4345.	*	2	2015	532	286.	*	3	1115	712	1.
1	1420	173	23.	*	2	0520	353	4273.	*	2	2020	533	282.	*	3	1120	713	1.
1	1425	174	23.	*	2	0525	354	4202.	*	2	2025	534	279.	*	3	1125	714	1.
1	1430	175	22.	*	2	0530	355	4130.	*	2	2030	535	276.	*	3	1130	715	1.
1	1435	176	22.	*	2	0535	356	4060.	*	2	2035	536	273.	*	3	1135	716	1.

```
     1     1440  177       24.   *    2     0540  357     3990.   *    2     2040  537      270.   *    3     1140  717        0.
     1     1445  178       25.   *    2     0545  358     3920.   *    2     2045  538      267.   *    3     1145  718        0.
     1     1450  179       26.   *    2     0550  359     3853.   *    2     2050  539      263.   *    3     1150  719        0.
     1     1455  180       28.   *    2     0555  360     3786.   *    2     2055  540      259.   *    3     1155  720        0.
                                  *                                 *                                 *

*****************************************************************************************************************************
*

  PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                    6-HR       24-HR       72-HR     59.92-HR
+   (CFS)       (HR)
                            (CFS)
+   10808.     21.08              7537.       3549.       1470.        1470.
                         (INCHES)    .000        .000        .000         .000
                          (AC-FT)   3738.       7039.       7277.        7277.

                          CUMULATIVE AREA =     .00 SQ MI


 *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** ***
***


             **************
             *            *
  109 KK     *       PKB  *
             *            *
             **************

  110 KO          OUTPUT CONTROL VARIABLES
                        IPRNT           1  PRINT CONTROL
                        IPLOT           0  PLOT CONTROL
                        QSCAL          0.  HYDROGRAPH PLOT SCALE
                            PEAKING BASIN

               HYDROGRAPH ROUTING DATA

  112 RS          STORAGE ROUTING
                        NSTPS           1  NUMBER OF SUBREACHES
                         ITYP        STOR  TYPE OF INITIAL CONDITION
                       RSVRIC         .00  INITIAL CONDITION
                            X         .00 WORKING R AND D COEFFICIENT

  113 SV            STORAGE          .0        .7      17.9      61.6      68.6     144.4     168.4     194.0     280.6

  114 SE          ELEVATION     2585.00   2586.00   2587.00   2588.00   2588.80   2589.00   2589.20   2589.40   2590.00

  115 SQ          DISCHARGE          0.        0.        0.        0.        0.     1984.     5681.    10519.    29949.
                                                                                  ***

*****************************************************************************************************************************
*

                                                   HYDROGRAPH AT STATION      PKB
                                                       PLAN 1,   RATIO =  1.00

*****************************************************************************************************************************
*
                                                 *                                                 *
  DA MON HRMN ORD  OUTFLOW  STORAGE   STAGE * DA MON HRMN ORD  OUTFLOW  STORAGE   STAGE * DA MON HRMN ORD  OUTFLOW  STORAGE
STAGE
                                                 *                                                 *
   1     0000   1       0.       .0  2585.0 *  1     2000 241    1650.    131.6  2589.0 *  2     1600 481     623.     92.4
2588.9
   1     0005   2       0.       .0  2585.0 *  1     2005 242    1774.    136.4  2589.0 *  2     1605 482     614.     92.1
2588.9
   1     0010   3       0.       .0  2585.0 *  1     2010 243    2162.    145.6  2589.0 *  2     1610 483     606.     91.7
2588.9
   1     0015   4       0.       .0  2585.0 *  1     2015 244    3572.    154.7  2589.1 *  2     1615 484     597.     91.4
2588.9
   1     0020   5       0.       .0  2585.0 *  1     2020 245    4714.    162.1  2589.1 *  2     1620 485     589.     91.1
2588.9
   1     0025   6       0.       .0  2585.0 *  1     2025 246    5887.    169.5  2589.2 *  2     1625 486     581.     90.8
2588.9
   1     0030   7       0.       .0  2585.0 *  1     2030 247    7176.    176.3  2589.3 *  2     1630 487     573.     90.5
2588.9
   1     0035   8       0.       .0  2585.0 *  1     2035 248    8081.    181.1  2589.3 *  2     1635 488     565.     90.2
2588.9
   1     0040   9       0.       .0  2585.0 *  1     2040 249    8632.    184.0  2589.3 *  2     1640 489     558.     89.9
2588.9
   1     0045  10       0.       .0  2585.0 *  1     2045 250    9107.    186.5  2589.3 *  2     1645 490     550.     89.6
2588.9
   1     0050  11       0.       .0  2585.0 *  1     2050 251    9558.    188.9  2589.4 *  2     1650 491     543.     89.3
2588.9
   1     0055  12       0.       .0  2585.0 *  1     2055 252    9994.    191.2  2589.4 *  2     1655 492     535.     89.1
2588.9
   1     0100  13       0.       .0  2585.0 *  1     2100 253   10428.    193.5  2589.4 *  2     1700 493     528.     88.8
2588.9
   1     0105  14       0.       .0  2585.0 *  1     2105 254   10729.    194.9  2589.4 *  2     1705 494     520.     88.5
2588.9
   1     0110  15       0.       .0  2585.0 *  1     2110 255   10747.    195.0  2589.4 *  2     1710 495     513.     88.2
2588.9
   1     0115  16       0.       .0  2585.0 *  1     2115 256   10646.    194.6  2589.4 *  2     1715 496     505.     87.9
2588.9
   1     0120  17       0.       .0  2585.0 *  1     2120 257   10506.    193.9  2589.4 *  2     1720 497     497.     87.6
2588.9
   1     0125  18       0.       .0  2585.0 *  1     2125 258   10350.    193.1  2589.4 *  2     1725 498     490.     87.3
2588.8
   1     0130  19       0.       .0  2585.0 *  1     2130 259   10178.    192.2  2589.4 *  2     1730 499     482.     87.0
2588.8
   1     0135  20       0.       .0  2585.0 *  1     2135 260   10006.    191.3  2589.4 *  2     1735 500     474.     86.7
2588.8
   1     0140  21       0.       .0  2585.0 *  1     2140 261    9837.    190.4  2589.4 *  2     1740 501     467.     86.4
2588.8
   1     0145  22       0.       .0  2585.0 *  1     2145 262    9669.    189.5  2589.4 *  2     1745 502     460.     86.2
2588.8
```

1	0150	23	0.	.0	2585.0	*	1	2150	263	9500.	188.6	2589.4	*	2	1750	503	453.	85.9
2588.8																		
1	0155	24	0.	.0	2585.0	*	1	2155	264	9329.	187.7	2589.4	*	2	1755	504	446.	85.7
2588.8																		
1	0200	25	0.	.0	2585.0	*	1	2200	265	9158.	186.8	2589.3	*	2	1800	505	440.	85.4
2588.8																		
1	0205	26	0.	.0	2585.0	*	1	2205	266	8991.	185.9	2589.3	*	2	1805	506	434.	85.2
2588.8																		
1	0210	27	0.	.0	2585.0	*	1	2210	267	8827.	185.0	2589.3	*	2	1810	507	428.	85.0
2588.8																		
1	0215	28	0.	.0	2585.0	*	1	2215	268	8664.	184.2	2589.3	*	2	1815	508	422.	84.7
2588.8																		
1	0220	29	0.	.0	2585.0	*	1	2220	269	8509.	183.4	2589.3	*	2	1820	509	416.	84.5
2588.8																		
1	0225	30	0.	.0	2585.0	*	1	2225	270	8364.	182.6	2589.3	*	2	1825	510	410.	84.3
2588.8																		
1	0230	31	0.	.0	2585.0	*	1	2230	271	8222.	181.8	2589.3	*	2	1830	511	405.	84.1
2588.8																		
1	0235	32	0.	.0	2585.0	*	1	2235	272	8090.	181.1	2589.3	*	2	1835	512	399.	83.8
2588.8																		
1	0240	33	0.	.0	2585.0	*	1	2240	273	7971.	180.5	2589.3	*	2	1840	513	393.	83.6
2588.8																		
1	0245	34	0.	.0	2585.0	*	1	2245	274	7854.	179.9	2589.3	*	2	1845	514	387.	83.4
2588.8																		
1	0250	35	0.	.0	2585.0	*	1	2250	275	7744.	179.3	2589.3	*	2	1850	515	382.	83.2
2588.8																		
1	0255	36	0.	.0	2585.0	*	1	2255	276	7643.	178.8	2589.3	*	2	1855	516	376.	83.0
2588.8																		
1	0300	37	0.	.0	2585.0	*	1	2300	277	7543.	178.3	2589.3	*	2	1900	517	371.	82.8
2588.8																		
1	0305	38	0.	.0	2585.0	*	1	2305	278	7450.	177.8	2589.3	*	2	1905	518	365.	82.5
2588.8																		
1	0310	39	0.	.0	2585.0	*	1	2310	279	7362.	177.3	2589.3	*	2	1910	519	360.	82.3
2588.8																		
1	0315	40	0.	.0	2585.0	*	1	2315	280	7276.	176.8	2589.3	*	2	1915	520	354.	82.1
2588.8																		
1	0320	41	0.	.0	2585.0	*	1	2320	281	7196.	176.4	2589.3	*	2	1920	521	349.	81.9
2588.8																		
1	0325	42	0.	.0	2585.0	*	1	2325	282	7123.	176.0	2589.3	*	2	1925	522	345.	81.8
2588.8																		
1	0330	43	0.	.0	2585.0	*	1	2330	283	7051.	175.7	2589.3	*	2	1930	523	341.	81.6
2588.8																		
1	0335	44	0.	.0	2585.0	*	1	2335	284	6983.	175.3	2589.3	*	2	1935	524	336.	81.5
2588.8																		
1	0340	45	0.	.0	2585.0	*	1	2340	285	6919.	174.9	2589.3	*	2	1940	525	332.	81.3
2588.8																		
1	0345	46	0.	.0	2585.0	*	1	2345	286	6855.	174.6	2589.2	*	2	1945	526	328.	81.1
2588.8																		
1	0350	47	0.	.0	2585.0	*	1	2350	287	6795.	174.3	2589.2	*	2	1950	527	323.	81.0
2588.8																		
1	0355	48	0.	.0	2585.0	*	1	2355	288	6740.	174.0	2589.2	*	2	1955	528	319.	80.8
2588.8																		
1	0400	49	0.	.0	2585.0	*	2	0000	289	6686.	173.7	2589.2	*	2	2000	529	315.	80.6
2588.8																		
1	0405	50	0.	.0	2585.0	*	2	0005	290	6632.	173.4	2589.2	*	2	2005	530	312.	80.5
2588.8																		
1	0410	51	0.	.0	2585.0	*	2	0010	291	6578.	173.1	2589.2	*	2	2010	531	308.	80.4
2588.8																		
1	0415	52	0.	.0	2585.0	*	2	0015	292	6525.	172.9	2589.2	*	2	2015	532	305.	80.2
2588.8																		
1	0420	53	0.	.0	2585.0	*	2	0020	293	6472.	172.6	2589.2	*	2	2020	533	301.	80.1
2588.8																		
1	0425	54	0.	.0	2585.0	*	2	0025	294	6421.	172.3	2589.2	*	2	2025	534	298.	80.0
2588.8																		
1	0430	55	0.	.0	2585.0	*	2	0030	295	6371.	172.0	2589.2	*	2	2030	535	295.	79.9
2588.8																		
1	0435	56	0.	.0	2585.0	*	2	0035	296	6323.	171.8	2589.2	*	2	2035	536	291.	79.7
2588.8																		
1	0440	57	0.	.0	2585.0	*	2	0040	297	6279.	171.6	2589.2	*	2	2040	537	288.	79.6
2588.8																		
1	0445	58	0.	.0	2585.0	*	2	0045	298	6237.	171.3	2589.2	*	2	2045	538	285.	79.5
2588.8																		
1	0450	59	0.	.0	2585.0	*	2	0050	299	6196.	171.1	2589.2	*	2	2050	539	281.	79.4
2588.8																		
1	0455	60	0.	.0	2585.0	*	2	0055	300	6158.	170.9	2589.2	*	2	2055	540	278.	79.2
2588.8																		
1	0500	61	0.	.0	2585.0	*	2	0100	301	6120.	170.7	2589.2	*	2	2100	541	274.	79.1
2588.8																		
1	0505	62	0.	.0	2585.0	*	2	0105	302	6083.	170.5	2589.2	*	2	2105	542	271.	79.0
2588.8																		
1	0510	63	0.	.0	2585.0	*	2	0110	303	6048.	170.3	2589.2	*	2	2110	543	268.	78.8
2588.8																		
1	0515	64	0.	.0	2585.0	*	2	0115	304	6014.	170.2	2589.2	*	2	2115	544	264.	78.7
2588.8																		
1	0520	65	0.	.0	2585.0	*	2	0120	305	5979.	170.0	2589.2	*	2	2120	545	261.	78.6
2588.8																		
1	0525	66	0.	.0	2585.0	*	2	0125	306	5945.	169.8	2589.2	*	2	2125	546	258.	78.5
2588.8																		
1	0530	67	0.	.0	2585.0	*	2	0130	307	5911.	169.6	2589.2	*	2	2130	547	255.	78.3
2588.8																		
1	0535	68	0.	.0	2585.0	*	2	0135	308	5879.	169.4	2589.2	*	2	2135	548	252.	78.2
2588.8																		
1	0540	69	0.	.0	2585.0	*	2	0140	309	5849.	169.3	2589.2	*	2	2140	549	248.	78.1
2588.8																		
1	0545	70	0.	.0	2585.0	*	2	0145	310	5821.	169.1	2589.2	*	2	2145	550	245.	77.9
2588.8																		
1	0550	71	0.	.0	2585.0	*	2	0150	311	5794.	169.0	2589.2	*	2	2150	551	241.	77.8
2588.8																		
1	0555	72	0.	.0	2585.0	*	2	0155	312	5768.	168.9	2589.2	*	2	2155	552	237.	77.7
2588.8																		
1	0600	73	0.	.0	2585.0	*	2	0200	313	5744.	168.7	2589.2	*	2	2200	553	234.	77.5
2588.8																		
1	0605	74	0.	.0	2585.0	*	2	0205	314	5720.	168.6	2589.2	*	2	2205	554	230.	77.4
2588.8																		
1	0610	75	0.	.0	2585.0	*	2	0210	315	5699.	168.5	2589.2	*	2	2210	555	227.	77.3
2588.8																		
1	0615	76	0.	.0	2585.0	*	2	0215	316	5678.	168.4	2589.2	*	2	2215	556	224.	77.1
2588.8																		
1	0620	77	0.	.0	2585.0	*	2	0220	317	5659.	168.3	2589.2	*	2	2220	557	221.	77.0
2588.8																		
1	0625	78	0.	.0	2585.0	*	2	0225	318	5638.	168.1	2589.2	*	2	2225	558	218.	76.9
2588.8																		

```
   1    0630  79       0.       .0  2585.0 *  2     0230 319    5617.    168.0  2589.2 *  2     2230 559     214.     76.8
2588.8
   1    0635  80       0.       .0  2585.0 *  2     0235 320    5595.    167.8  2589.2 *  2     2235 560     211.     76.7
2588.8
   1    0640  81       0.       .0  2585.0 *  2     0240 321    5571.    167.7  2589.2 *  2     2240 561     208.     76.5
2588.8
   1    0645  82       0.       .0  2585.0 *  2     0245 322    5547.    167.5  2589.2 *  2     2245 562     205.     76.4
2588.8
   1    0650  83       0.       .0  2585.0 *  2     0250 323    5526.    167.4  2589.2 *  2     2250 563     202.     76.3
2588.8
   1    0655  84       0.       .0  2585.0 *  2     0255 324    5509.    167.3  2589.2 *  2     2255 564     199.     76.2
2588.8
   1    0700  85       0.       .0  2585.0 *  2     0300 325    5493.    167.2  2589.2 *  2     2300 565     196.     76.1
2588.8
   1    0705  86       0.       .0  2585.0 *  2     0305 326    5474.    167.1  2589.2 *  2     2305 566     193.     76.0
2588.8
   1    0710  87       0.       .0  2585.0 *  2     0310 327    5452.    166.9  2589.2 *  2     2310 567     190.     75.8
2588.8
   1    0715  88       0.       .0  2585.0 *  2     0315 328    5429.    166.8  2589.2 *  2     2315 568     186.     75.7
2588.8
   1    0720  89       0.       .0  2585.0 *  2     0320 329    5406.    166.6  2589.2 *  2     2320 569     183.     75.6
2588.8
   1    0725  90       0.       .0  2585.0 *  2     0325 330    5384.    166.5  2589.2 *  2     2325 570     180.     75.5
2588.8
   1    0730  91       0.       .0  2585.0 *  2     0330 331    5362.    166.3  2589.2 *  2     2330 571     177.     75.3
2588.8
   1    0735  92       0.       .0  2585.0 *  2     0335 332    5339.    166.2  2589.2 *  2     2335 572     174.     75.2
2588.8
   1    0740  93       0.       .0  2585.0 *  2     0340 333    5316.    166.0  2589.2 *  2     2340 573     171.     75.1
2588.8
   1    0745  94       0.       .0  2585.0 *  2     0345 334    5293.    165.9  2589.2 *  2     2345 574     168.     75.0
2588.8
   1    0750  95       0.       .0  2585.0 *  2     0350 335    5266.    165.7  2589.2 *  2     2350 575     165.     74.9
2588.8
   1    0755  96       0.       .0  2585.0 *  2     0355 336    5236.    165.5  2589.2 *  2     2355 576     163.     74.8
2588.8
   1    0800  97       0.       .0  2585.0 *  2     0400 337    5205.    165.3  2589.2 *  3     0000 577     160.     74.7
2588.8
   1    0805  98       0.       .0  2585.0 *  2     0405 338    5169.    165.1  2589.2 *  3     0005 578     158.     74.6
2588.8
   1    0810  99       0.       .0  2585.0 *  2     0410 339    5128.    164.8  2589.2 *  3     0010 579     155.     74.5
2588.8
   1    0815 100       0.       .0  2585.0 *  2     0415 340    5086.    164.5  2589.2 *  3     0015 580     153.     74.4
2588.8
   1    0820 101       0.       .0  2585.0 *  2     0420 341    5041.    164.2  2589.2 *  3     0020 581     150.     74.3
2588.8
   1    0825 102       0.       .0  2585.0 *  2     0425 342    4994.    163.9  2589.2 *  3     0025 582     148.     74.2
2588.8
   1    0830 103       0.       .0  2585.0 *  2     0430 343    4947.    163.6  2589.2 *  3     0030 583     145.     74.2
2588.8
   1    0835 104       0.       .0  2585.0 *  2     0435 344    4896.    163.3  2589.2 *  3     0035 584     143.     74.1
2588.8
   1    0840 105       0.       .0  2585.0 *  2     0440 345    4841.    163.0  2589.2 *  3     0040 585     140.     74.0
2588.8
   1    0845 106       0.       .0  2585.0 *  2     0445 346    4786.    162.6  2589.2 *  3     0045 586     138.     73.9
2588.8
   1    0850 107       0.       .0  2585.0 *  2     0450 347    4728.    162.2  2589.1 *  3     0050 587     135.     73.8
2588.8
   1    0855 108       0.       .0  2585.0 *  2     0455 348    4668.    161.8  2589.1 *  3     0055 588     133.     73.7
2588.8
   1    0900 109       0.       .0  2585.0 *  2     0500 349    4607.    161.4  2589.1 *  3     0100 589     130.     73.6
2588.8
   1    0905 110       0.       .0  2585.0 *  2     0505 350    4543.    161.0  2589.1 *  3     0105 590     127.     73.5
2588.8
   1    0910 111       0.       .0  2585.0 *  2     0510 351    4477.    160.6  2589.1 *  3     0110 591     125.     73.4
2588.8
   1    0915 112       0.       .0  2585.0 *  2     0515 352    4409.    160.1  2589.1 *  3     0115 592     122.     73.3
2588.8
   1    0920 113       0.       .0  2585.0 *  2     0520 353    4340.    159.7  2589.1 *  3     0120 593     119.     73.2
2588.8
   1    0925 114       0.       .0  2585.0 *  2     0525 354    4269.    159.2  2589.1 *  3     0125 594     117.     73.1
2588.8
   1    0930 115       0.       .0  2585.0 *  2     0530 355    4197.    158.8  2589.1 *  3     0130 595     114.     72.9
2588.8
   1    0935 116       0.       .0  2585.0 *  2     0535 356    4126.    158.3  2589.1 *  3     0135 596     111.     72.8
2588.8
   1    0940 117       0.       .0  2585.0 *  2     0540 357    4056.    157.9  2589.1 *  3     0140 597     109.     72.8
2588.8
   1    0945 118       0.       .0  2585.0 *  2     0545 358    3986.    157.4  2589.1 *  3     0145 598     106.     72.7
2588.8
   1    0950 119       0.       .0  2585.0 *  2     0550 359    3917.    156.9  2589.1 *  3     0150 599     104.     72.6
2588.8
   1    0955 120       0.       .0  2585.0 *  2     0555 360    3850.    156.5  2589.1 *  3     0155 600     102.     72.5
2588.8
   1    1000 121       0.       .0  2585.0 *  2     0600 361    3783.    156.1  2589.1 *  3     0200 601      99.     72.4
2588.8
   1    1005 122       0.       .0  2585.0 *  2     0605 362    3715.    155.6  2589.1 *  3     0205 602      97.     72.3
2588.8
   1    1010 123       0.       .0  2585.0 *  2     0610 363    3648.    155.2  2589.1 *  3     0210 603      95.     72.2
2588.8
   1    1015 124       0.       .0  2585.0 *  2     0615 364    3580.    154.8  2589.1 *  3     0215 604      92.     72.1
2588.8
   1    1020 125       0.       .0  2585.0 *  2     0620 365    3513.    154.3  2589.1 *  3     0220 605      90.     72.0
2588.8
   1    1025 126       0.       .0  2585.0 *  2     0625 366    3449.    153.9  2589.1 *  3     0225 606      88.     72.0
2588.8
   1    1030 127       0.       .0  2585.0 *  2     0630 367    3385.    153.5  2589.1 *  3     0230 607      86.     71.9
2588.8
   1    1035 128       0.       .0  2585.0 *  2     0635 368    3323.    153.1  2589.1 *  3     0235 608      85.     71.8
2588.8
   1    1040 129       0.       .0  2585.0 *  2     0640 369    3263.    152.7  2589.1 *  3     0240 609      83.     71.8
2588.8
   1    1045 130       0.       .0  2585.0 *  2     0645 370    3203.    152.3  2589.1 *  3     0245 610      81.     71.7
2588.8
   1    1050 131       0.       .0  2585.0 *  2     0650 371    3145.    151.9  2589.1 *  3     0250 611      79.     71.6
2588.8
   1    1055 132       0.       .0  2585.0 *  2     0655 372    3090.    151.6  2589.1 *  3     0255 612      78.     71.6
2588.8
   1    1100 133       0.       .0  2585.0 *  2     0700 373    3036.    151.2  2589.1 *  3     0300 613      76.     71.5
2588.8
   1    1105 134       0.       .0  2585.0 *  2     0705 374    2984.    150.9  2589.1 *  3     0305 614      74.     71.4
2588.8
```

1	1110	135	0.	.0	2585.0	*	2	0710	375	2935.	150.6	2589.1	*	3	0310	615	73.	71.4
2588.8																		
1	1115	136	0.	.0	2585.0	*	2	0715	376	2888.	150.3	2589.0	*	3	0315	616	71.	71.3
2588.8																		
1	1120	137	0.	.0	2585.0	*	2	0720	377	2841.	150.0	2589.0	*	3	0320	617	70.	71.3
2588.8																		
1	1125	138	0.	.0	2585.0	*	2	0725	378	2794.	149.7	2589.0	*	3	0325	618	68.	71.2
2588.8																		
1	1130	139	0.	.0	2585.0	*	2	0730	379	2747.	149.4	2589.0	*	3	0330	619	67.	71.2
2588.8																		
1	1135	140	0.	.0	2585.0	*	2	0735	380	2703.	149.1	2589.0	*	3	0335	620	65.	71.1
2588.8																		
1	1140	141	0.	.0	2585.0	*	2	0740	381	2664.	148.8	2589.0	*	3	0340	621	64.	71.1
2588.8																		
1	1145	142	0.	.0	2585.0	*	2	0745	382	2626.	148.6	2589.0	*	3	0345	622	63.	71.0
2588.8																		
1	1150	143	0.	.0	2585.0	*	2	0750	383	2588.	148.3	2589.0	*	3	0350	623	62.	71.0
2588.8																		
1	1155	144	0.	.0	2585.0	*	2	0755	384	2550.	148.1	2589.0	*	3	0355	624	61.	70.9
2588.8																		
1	1200	145	0.	.0	2585.0	*	2	0800	385	2511.	147.8	2589.0	*	3	0400	625	60.	70.9
2588.8																		
1	1205	146	0.	.0	2585.0	*	2	0805	386	2473.	147.6	2589.0	*	3	0405	626	58.	70.8
2588.8																		
1	1210	147	0.	.0	2585.0	*	2	0810	387	2434.	147.3	2589.0	*	3	0410	627	57.	70.8
2588.8																		
1	1215	148	0.	.0	2585.0	*	2	0815	388	2395.	147.1	2589.0	*	3	0415	628	57.	70.8
2588.8																		
1	1220	149	0.	.0	2585.0	*	2	0820	389	2358.	146.8	2589.0	*	3	0420	629	56.	70.7
2588.8																		
1	1225	150	0.	.0	2585.0	*	2	0825	390	2324.	146.6	2589.0	*	3	0425	630	55.	70.7
2588.8																		
1	1230	151	0.	.0	2585.0	*	2	0830	391	2291.	146.4	2589.0	*	3	0430	631	55.	70.7
2588.8																		
1	1235	152	0.	.0	2585.0	*	2	0835	392	2259.	146.2	2589.0	*	3	0435	632	54.	70.7
2588.8																		
1	1240	153	0.	.0	2585.0	*	2	0840	393	2227.	146.0	2589.0	*	3	0440	633	54.	70.6
2588.8																		
1	1245	154	0.	.0	2585.0	*	2	0845	394	2195.	145.8	2589.0	*	3	0445	634	53.	70.6
2588.8																		
1	1250	155	0.	.0	2585.0	*	2	0850	395	2164.	145.6	2589.0	*	3	0450	635	53.	70.6
2588.8																		
1	1255	156	0.	.0	2585.0	*	2	0855	396	2134.	145.4	2589.0	*	3	0455	636	53.	70.6
2588.8																		
1	1300	157	0.	.0	2585.0	*	2	0900	397	2104.	145.2	2589.0	*	3	0500	637	52.	70.6
2588.8																		
1	1305	158	0.	.0	2585.0	*	2	0905	398	2075.	145.0	2589.0	*	3	0505	638	51.	70.6
2588.8																		
1	1310	159	0.	.0	2585.0	*	2	0910	399	2047.	144.8	2589.0	*	3	0510	639	50.	70.5
2588.8																		
1	1315	160	0.	.0	2585.0	*	2	0915	400	2019.	144.6	2589.0	*	3	0515	640	49.	70.5
2588.8																		
1	1320	161	0.	.1	2585.1	*	2	0920	401	1991.	144.4	2589.0	*	3	0520	641	48.	70.4
2588.8																		
1	1325	162	0.	.1	2585.1	*	2	0925	402	1979.	144.2	2589.0	*	3	0525	642	47.	70.4
2588.8																		
1	1330	163	0.	.1	2585.2	*	2	0930	403	1970.	143.9	2589.0	*	3	0530	643	46.	70.4
2588.8																		
1	1335	164	0.	.1	2585.2	*	2	0935	404	1958.	143.4	2589.0	*	3	0535	644	46.	70.3
2588.8																		
1	1340	165	0.	.2	2585.3	*	2	0940	405	1943.	142.8	2589.0	*	3	0540	645	45.	70.3
2588.8																		
1	1345	166	0.	.2	2585.3	*	2	0945	406	1927.	142.2	2589.0	*	3	0545	646	44.	70.3
2588.8																		
1	1350	167	0.	.3	2585.4	*	2	0950	407	1908.	141.5	2589.0	*	3	0550	647	44.	70.3
2588.8																		
1	1355	168	0.	.4	2585.5	*	2	0955	408	1888.	140.7	2589.0	*	3	0555	648	43.	70.2
2588.8																		
1	1400	169	0.	.4	2585.6	*	2	1000	409	1867.	139.9	2589.0	*	3	0600	649	42.	70.2
2588.8																		
1	1405	170	0.	.5	2585.8	*	2	1005	410	1845.	139.1	2589.0	*	3	0605	650	42.	70.2
2588.8																		
1	1410	171	0.	.7	2585.9	*	2	1010	411	1822.	138.2	2589.0	*	3	0610	651	41.	70.2
2588.8																		
1	1415	172	0.	.8	2586.0	*	2	1015	412	1799.	137.3	2589.0	*	3	0615	652	40.	70.1
2588.8																		
1	1420	173	0.	1.0	2586.0	*	2	1020	413	1775.	136.4	2589.0	*	3	0620	653	39.	70.1
2588.8																		
1	1425	174	0.	1.1	2586.0	*	2	1025	414	1752.	135.5	2589.0	*	3	0625	654	38.	70.1
2588.8																		
1	1430	175	0.	1.3	2586.0	*	2	1030	415	1728.	134.6	2589.0	*	3	0630	655	38.	70.0
2588.8																		
1	1435	176	0.	1.4	2586.0	*	2	1035	416	1704.	133.7	2589.0	*	3	0635	656	37.	70.0
2588.8																		
1	1440	177	0.	1.6	2586.1	*	2	1040	417	1681.	132.8	2589.0	*	3	0640	657	36.	70.0
2588.8																		
1	1445	178	0.	1.7	2586.1	*	2	1045	418	1657.	131.9	2589.0	*	3	0645	658	36.	70.0
2588.8																		
1	1450	179	0.	1.9	2586.1	*	2	1050	419	1633.	131.0	2589.0	*	3	0650	659	35.	69.9
2588.8																		
1	1455	180	0.	2.1	2586.1	*	2	1055	420	1610.	130.1	2589.0	*	3	0655	660	34.	69.9
2588.8																		
1	1500	181	0.	2.3	2586.1	*	2	1100	421	1586.	129.2	2589.0	*	3	0700	661	34.	69.9
2588.8																		
1	1505	182	0.	2.5	2586.1	*	2	1105	422	1563.	128.3	2589.0	*	3	0705	662	33.	69.9
2588.8																		
1	1510	183	0.	2.7	2586.1	*	2	1110	423	1539.	127.4	2589.0	*	3	0710	663	32.	69.8
2588.8																		
1	1515	184	0.	2.9	2586.1	*	2	1115	424	1516.	126.5	2589.0	*	3	0715	664	31.	69.8
2588.8																		
1	1520	185	0.	3.2	2586.1	*	2	1120	425	1492.	125.6	2589.0	*	3	0720	665	30.	69.7
2588.8																		
1	1525	186	0.	3.4	2586.2	*	2	1125	426	1469.	124.7	2588.9	*	3	0725	666	29.	69.7
2588.8																		
1	1530	187	0.	3.7	2586.2	*	2	1130	427	1446.	123.8	2588.9	*	3	0730	667	28.	69.7
2588.8																		
1	1535	188	0.	4.0	2586.2	*	2	1135	428	1423.	123.0	2588.9	*	3	0735	668	27.	69.6
2588.8																		
1	1540	189	0.	4.3	2586.2	*	2	1140	429	1401.	122.1	2588.9	*	3	0740	669	26.	69.6
2588.8																		
1	1545	190	0.	4.7	2586.2	*	2	1145	430	1379.	121.3	2588.9	*	3	0745	670	26.	69.6
2588.8																		

```
   1     1550 191       0.      5.1  2586.3 *  2     1150 431    1358.    120.5  2588.9 *  3     0750 671      25.     69.6
2588.8
   1     1555 192       0.      5.5  2586.3 *  2     1155 432    1337.    119.7  2588.9 *  3     0755 672      25.     69.5
2588.8
   1     1600 193       0.      6.1  2586.3 *  2     1200 433    1316.    118.9  2588.9 *  3     0800 673      24.     69.5
2588.8
   1     1605 194       0.      6.7  2586.4 *  2     1205 434    1296.    118.1  2588.9 *  3     0805 674      24.     69.5
2588.8
   1     1610 195       0.      7.6  2586.4 *  2     1210 435    1275.    117.3  2588.9 *  3     0810 675      23.     69.5
2588.8
   1     1615 196       0.      8.6  2586.5 *  2     1215 436    1254.    116.5  2588.9 *  3     0815 676      22.     69.5
2588.8
   1     1620 197       0.      9.8  2586.5 *  2     1220 437    1233.    115.7  2588.9 *  3     0820 677      22.     69.4
2588.8
   1     1625 198       0.     11.1  2586.6 *  2     1225 438    1212.    114.9  2588.9 *  3     0825 678      21.     69.4
2588.8
   1     1630 199       0.     12.6  2586.7 *  2     1230 439    1191.    114.1  2588.9 *  3     0830 679      20.     69.4
2588.8
   1     1635 200       0.     14.4  2586.8 *  2     1235 440    1171.    113.3  2588.9 *  3     0835 680      20.     69.4
2588.8
   1     1640 201       0.     16.3  2586.9 *  2     1240 441    1151.    112.6  2588.9 *  3     0840 681      19.     69.3
2588.8
   1     1645 202       0.     18.5  2587.0 *  2     1245 442    1131.    111.8  2588.9 *  3     0845 682      19.     69.3
2588.8
   1     1650 203       0.     21.0  2587.1 *  2     1250 443    1112.    111.1  2588.9 *  3     0850 683      18.     69.3
2588.8
   1     1655 204       0.     23.9  2587.1 *  2     1255 444    1093.    110.4  2588.9 *  3     0855 684      18.     69.3
2588.8
   1     1700 205       0.     27.2  2587.2 *  2     1300 445    1075.    109.7  2588.9 *  3     0900 685      18.     69.3
2588.8
   1     1705 206       0.     30.9  2587.3 *  2     1305 446    1056.    109.0  2588.9 *  3     0905 686      17.     69.3
2588.8
   1     1710 207       0.     35.1  2587.4 *  2     1310 447    1039.    108.3  2588.9 *  3     0910 687      17.     69.3
2588.8
   1     1715 208       0.     39.7  2587.5 *  2     1315 448    1022.    107.6  2588.9 *  3     0915 688      17.     69.3
2588.8
   1     1720 209       0.     44.7  2587.6 *  2     1320 449    1005.    107.0  2588.9 *  3     0920 689      17.     69.2
2588.8
   1     1725 210       0.     50.0  2587.7 *  2     1325 450     989.    106.4  2588.9 *  3     0925 690      16.     69.2
2588.8
   1     1730 211       0.     55.5  2587.9 *  2     1330 451     973.    105.8  2588.9 *  3     0930 691      16.     69.2
2588.8
   1     1735 212       0.     61.2  2588.0 *  2     1335 452     957.    105.2  2588.9 *  3     0935 692      15.     69.2
2588.8
   1     1740 213       0.     67.2  2588.6 *  2     1340 453     941.    104.6  2588.9 *  3     0940 693      14.     69.1
2588.8
   1     1745 214     113.     72.9  2588.8 *  2     1345 454     926.    104.0  2588.9 *  3     0945 694      13.     69.1
2588.8
   1     1750 215     248.     78.1  2588.8 *  2     1350 455     911.    103.4  2588.9 *  3     0950 695      13.     69.1
2588.8
   1     1755 216     365.     82.5  2588.8 *  2     1355 456     896.    102.8  2588.9 *  3     0955 696      12.     69.1
2588.8
   1     1800 217     468.     86.5  2588.8 *  2     1400 457     882.    102.3  2588.9 *  3     1000 697      12.     69.0
2588.8
   1     1805 218     560.     90.0  2588.9 *  2     1405 458     868.    101.8  2588.9 *  3     1005 698      11.     69.0
2588.8
   1     1810 219     642.     93.1  2588.9 *  2     1410 459     855.    101.3  2588.9 *  3     1010 699      11.     69.0
2588.8
   1     1815 220     717.     96.0  2588.9 *  2     1415 460     841.    100.7  2588.9 *  3     1015 700      10.     69.0
2588.8
   1     1820 221     785.     98.6  2588.9 *  2     1420 461     828.    100.2  2588.9 *  3     1020 701      10.     69.0
2588.8
   1     1825 222     846.    100.9  2588.9 *  2     1425 462     816.     99.8  2588.9 *  3     1025 702       9.     69.0
2588.8
   1     1830 223     903.    103.1  2588.9 *  2     1430 463     803.     99.3  2588.9 *  3     1030 703       9.     68.9
2588.8
   1     1835 224     955.    105.1  2588.9 *  2     1435 464     792.     98.8  2588.9 *  3     1035 704       8.     68.9
2588.8
   1     1840 225    1002.    106.9  2588.9 *  2     1440 465     780.     98.4  2588.9 *  3     1040 705       7.     68.9
2588.8
   1     1845 226    1046.    108.6  2588.9 *  2     1445 466     769.     98.0  2588.9 *  3     1045 706       7.     68.9
2588.8
   1     1850 227    1088.    110.2  2588.9 *  2     1450 467     759.     97.6  2588.9 *  3     1050 707       6.     68.8
2588.8
   1     1855 228    1128.    111.7  2588.9 *  2     1455 468     749.     97.2  2588.9 *  3     1055 708       6.     68.8
2588.8
   1     1900 229    1168.    113.2  2588.9 *  2     1500 469     739.     96.8  2588.9 *  3     1100 709       5.     68.8
2588.8
   1     1905 230    1209.    114.8  2588.9 *  2     1505 470     729.     96.5  2588.9 *  3     1105 710       4.     68.8
2588.8
   1     1910 231    1249.    116.3  2588.9 *  2     1510 471     719.     96.1  2588.9 *  3     1110 711       4.     68.7
2588.8
   1     1915 232    1291.    117.9  2588.9 *  2     1515 472     708.     95.7  2588.9 *  3     1115 712       3.     68.7
2588.8
   1     1920 233    1331.    119.4  2588.9 *  2     1520 473     698.     95.3  2588.9 *  3     1120 713       3.     68.7
2588.8
   1     1925 234    1369.    120.9  2588.9 *  2     1525 474     688.     94.9  2588.9 *  3     1125 714       3.     68.7
2588.8
   1     1930 235    1406.    122.3  2588.9 *  2     1530 475     678.     94.5  2588.9 *  3     1130 715       2.     68.7
2588.8
   1     1935 236    1441.    123.7  2588.9 *  2     1535 476     669.     94.2  2588.9 *  3     1135 716       2.     68.7
2588.8
   1     1940 237    1477.    125.0  2588.9 *  2     1540 477     660.     93.8  2588.9 *  3     1140 717       2.     68.7
2588.8
   1     1945 238    1512.    126.4  2589.0 *  2     1545 478     650.     93.5  2588.9 *  3     1145 718       2.     68.7
2588.8
   1     1950 239    1551.    127.9  2589.0 *  2     1550 479     641.     93.1  2588.9 *  3     1150 719       1.     68.7
2588.8
   1     1955 240    1597.    129.6  2589.0 *  2     1555 480     632.     92.8  2588.9 *  3     1155 720       1.     68.6
2588.8                                          *                                                *

*****************************************************************************************************************************
*

  PEAK FLOW      TIME                                MAXIMUM AVERAGE FLOW
                                          6-HR        24-HR        72-HR      59.92-HR
+   (CFS)        (HR)
                                  (CFS)
+   10747.      21.17                   7530.        3535.        1456.         1456.
                                (INCHES)   .000         .000         .000          .000
                                 (AC-FT)   3734.        7011.        7209.         7209.
```

PEAK STORAGE (AC-FT)	TIME (HR)	MAXIMUM AVERAGE STORAGE 6-HR	24-HR	72-HR	59.92-HR
+ 195.	21.17	178.	141.	80.	80.

PEAK STAGE (FEET)	TIME (HR)	MAXIMUM AVERAGE STAGE 6-HR	24-HR	72-HR	59.92-HR
+ 2589.41	21.17	2589.28	2589.06	2587.88	2587.88

CUMULATIVE AREA = .00 SQ MI

****
*

HYDROGRAPH AT STATION PKB
PLAN 1, RATIO = .98

****
*

DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE
1		0000	1	0.	.0	2585.0	1		2000	241	1650.	131.6	2589.0	2		1600	481	623.	92.4	2588.9
1		0005	2	0.	.0	2585.0	1		2005	242	1774.	136.4	2589.0	2		1605	482	614.	92.1	2588.9
1		0010	3	0.	.0	2585.0	1		2010	243	2162.	145.6	2589.0	2		1610	483	606.	91.7	2588.9
1		0015	4	0.	.0	2585.0	1		2015	244	3572.	154.7	2589.1	2		1615	484	597.	91.4	2588.9
1		0020	5	0.	.0	2585.0	1		2020	245	4714.	162.1	2589.1	2		1620	485	589.	91.1	2588.9
1		0025	6	0.	.0	2585.0	1		2025	246	5887.	169.5	2589.2	2		1625	486	581.	90.8	2588.9
1		0030	7	0.	.0	2585.0	1		2030	247	7176.	176.3	2589.3	2		1630	487	573.	90.5	2588.9
1		0035	8	0.	.0	2585.0	1		2035	248	8081.	181.1	2589.3	2		1635	488	565.	90.2	2588.9
1		0040	9	0.	.0	2585.0	1		2040	249	8632.	184.0	2589.3	2		1640	489	558.	89.9	2588.9
1		0045	10	0.	.0	2585.0	1		2045	250	9107.	186.5	2589.3	2		1645	490	550.	89.6	2588.9
1		0050	11	0.	.0	2585.0	1		2050	251	9558.	188.9	2589.4	2		1650	491	543.	89.3	2588.9
1		0055	12	0.	.0	2585.0	1		2055	252	9994.	191.2	2589.4	2		1655	492	535.	89.1	2588.9
1		0100	13	0.	.0	2585.0	1		2100	253	10428.	193.5	2589.4	2		1700	493	528.	88.8	2588.9
1		0105	14	0.	.0	2585.0	1		2105	254	10729.	194.9	2589.4	2		1705	494	520.	88.5	2588.9
1		0110	15	0.	.0	2585.0	1		2110	255	10747.	195.0	2589.4	2		1710	495	513.	88.2	2588.9
1		0115	16	0.	.0	2585.0	1		2115	256	10646.	194.6	2589.4	2		1715	496	505.	87.9	2588.9
1		0120	17	0.	.0	2585.0	1		2120	257	10506.	193.9	2589.4	2		1720	497	497.	87.6	2588.9
1		0125	18	0.	.0	2585.0	1		2125	258	10350.	193.1	2589.4	2		1725	498	490.	87.3	2588.8
1		0130	19	0.	.0	2585.0	1		2130	259	10178.	192.2	2589.4	2		1730	499	482.	87.0	2588.8
1		0135	20	0.	.0	2585.0	1		2135	260	10006.	191.3	2589.4	2		1735	500	474.	86.7	2588.8
1		0140	21	0.	.0	2585.0	1		2140	261	9837.	190.4	2589.4	2		1740	501	467.	86.4	2588.8
1		0145	22	0.	.0	2585.0	1		2145	262	9669.	189.5	2589.4	2		1745	502	460.	86.2	2588.8
1		0150	23	0.	.0	2585.0	1		2150	263	9500.	188.6	2589.4	2		1750	503	453.	85.9	2588.8
1		0155	24	0.	.0	2585.0	1		2155	264	9329.	187.7	2589.4	2		1755	504	446.	85.7	2588.8
1		0200	25	0.	.0	2585.0	1		2200	265	9158.	186.8	2589.3	2		1800	505	440.	85.4	2588.8
1		0205	26	0.	.0	2585.0	1		2205	266	8991.	185.9	2589.3	2		1805	506	434.	85.2	2588.8
1		0210	27	0.	.0	2585.0	1		2210	267	8827.	185.0	2589.3	2		1810	507	428.	85.0	2588.8
1		0215	28	0.	.0	2585.0	1		2215	268	8664.	184.2	2589.3	2		1815	508	422.	84.7	2588.8
1		0220	29	0.	.0	2585.0	1		2220	269	8509.	183.4	2589.3	2		1820	509	416.	84.5	2588.8
1		0225	30	0.	.0	2585.0	1		2225	270	8364.	182.6	2589.3	2		1825	510	410.	84.3	2588.8
1		0230	31	0.	.0	2585.0	1		2230	271	8222.	181.8	2589.3	2		1830	511	405.	84.1	2588.8
1		0235	32	0.	.0	2585.0	1		2235	272	8090.	181.1	2589.3	2		1835	512	399.	83.8	2588.8
1		0240	33	0.	.0	2585.0	1		2240	273	7971.	180.5	2589.3	2		1840	513	393.	83.6	2588.8
1		0245	34	0.	.0	2585.0	1		2245	274	7854.	179.9	2589.3	2		1845	514	387.	83.4	2588.8
1		0250	35	0.	.0	2585.0	1		2250	275	7744.	179.3	2589.3	2		1850	515	382.	83.2	2588.8
1		0255	36	0.	.0	2585.0	1		2255	276	7643.	178.8	2589.3	2		1855	516	376.	83.0	2588.8
1		0300	37	0.	.0	2585.0	1		2300	277	7543.	178.3	2589.3	2		1900	517	371.	82.8	2588.8
1		0305	38	0.	.0	2585.0	1		2305	278	7450.	177.8	2589.3	2		1905	518	365.	82.5	2588.8
1		0310	39	0.	.0	2585.0	1		2310	279	7362.	177.3	2589.3	2		1910	519	360.	82.3	2588.8
1		0315	40	0.	.0	2585.0	1		2315	280	7276.	176.8	2589.3	2		1915	520	354.	82.1	2588.8
1		0320	41	0.	.0	2585.0	1		2320	281	7196.	176.4	2589.3	2		1920	521	349.	81.9	2588.8
1		0325	42	0.	.0	2585.0	1		2325	282	7123.	176.0	2589.3	2		1925	522	345.	81.8	2588.8

1	0330	43	0.	.0	2585.0	*	1	2330	283	7051.	175.7	2589.3	*	2	1930	523	341.	81.6
2588.8																		
1	0335	44	0.	.0	2585.0	*	1	2335	284	6983.	175.3	2589.3	*	2	1935	524	336.	81.5
2588.8																		
1	0340	45	0.	.0	2585.0	*	1	2340	285	6919.	174.9	2589.3	*	2	1940	525	332.	81.3
2588.8																		
1	0345	46	0.	.0	2585.0	*	1	2345	286	6855.	174.6	2589.2	*	2	1945	526	328.	81.1
2588.8																		
1	0350	47	0.	.0	2585.0	*	1	2350	287	6795.	174.3	2589.2	*	2	1950	527	323.	81.0
2588.8																		
1	0355	48	0.	.0	2585.0	*	1	2355	288	6740.	174.0	2589.2	*	2	1955	528	319.	80.8
2588.8																		
1	0400	49	0.	.0	2585.0	*	2	0000	289	6686.	173.7	2589.2	*	2	2000	529	315.	80.6
2588.8																		
1	0405	50	0.	.0	2585.0	*	2	0005	290	6632.	173.4	2589.2	*	2	2005	530	312.	80.5
2588.8																		
1	0410	51	0.	.0	2585.0	*	2	0010	291	6578.	173.1	2589.2	*	2	2010	531	308.	80.4
2588.8																		
1	0415	52	0.	.0	2585.0	*	2	0015	292	6525.	172.9	2589.2	*	2	2015	532	305.	80.2
2588.8																		
1	0420	53	0.	.0	2585.0	*	2	0020	293	6472.	172.6	2589.2	*	2	2020	533	301.	80.1
2588.8																		
1	0425	54	0.	.0	2585.0	*	2	0025	294	6421.	172.3	2589.2	*	2	2025	534	298.	80.0
2588.8																		
1	0430	55	0.	.0	2585.0	*	2	0030	295	6371.	172.0	2589.2	*	2	2030	535	295.	79.9
2588.8																		
1	0435	56	0.	.0	2585.0	*	2	0035	296	6323.	171.8	2589.2	*	2	2035	536	291.	79.7
2588.8																		
1	0440	57	0.	.0	2585.0	*	2	0040	297	6279.	171.6	2589.2	*	2	2040	537	288.	79.6
2588.8																		
1	0445	58	0.	.0	2585.0	*	2	0045	298	6237.	171.3	2589.2	*	2	2045	538	285.	79.5
2588.8																		
1	0450	59	0.	.0	2585.0	*	2	0050	299	6196.	171.1	2589.2	*	2	2050	539	281.	79.4
2588.8																		
1	0455	60	0.	.0	2585.0	*	2	0055	300	6158.	170.9	2589.2	*	2	2055	540	278.	79.2
2588.8																		
1	0500	61	0.	.0	2585.0	*	2	0100	301	6120.	170.7	2589.2	*	2	2100	541	274.	79.1
2588.8																		
1	0505	62	0.	.0	2585.0	*	2	0105	302	6083.	170.5	2589.2	*	2	2105	542	271.	79.0
2588.8																		
1	0510	63	0.	.0	2585.0	*	2	0110	303	6048.	170.3	2589.2	*	2	2110	543	268.	78.8
2588.8																		
1	0515	64	0.	.0	2585.0	*	2	0115	304	6014.	170.2	2589.2	*	2	2115	544	264.	78.7
2588.8																		
1	0520	65	0.	.0	2585.0	*	2	0120	305	5979.	170.0	2589.2	*	2	2120	545	261.	78.6
2588.8																		
1	0525	66	0.	.0	2585.0	*	2	0125	306	5945.	169.8	2589.2	*	2	2125	546	258.	78.5
2588.8																		
1	0530	67	0.	.0	2585.0	*	2	0130	307	5911.	169.6	2589.2	*	2	2130	547	255.	78.3
2588.8																		
1	0535	68	0.	.0	2585.0	*	2	0135	308	5879.	169.4	2589.2	*	2	2135	548	252.	78.2
2588.8																		
1	0540	69	0.	.0	2585.0	*	2	0140	309	5849.	169.3	2589.2	*	2	2140	549	248.	78.1
2588.8																		
1	0545	70	0.	.0	2585.0	*	2	0145	310	5821.	169.1	2589.2	*	2	2145	550	245.	77.9
2588.8																		
1	0550	71	0.	.0	2585.0	*	2	0150	311	5794.	169.0	2589.2	*	2	2150	551	241.	77.8
2588.8																		
1	0555	72	0.	.0	2585.0	*	2	0155	312	5768.	168.9	2589.2	*	2	2155	552	237.	77.7
2588.8																		
1	0600	73	0.	.0	2585.0	*	2	0200	313	5744.	168.7	2589.2	*	2	2200	553	234.	77.5
2588.8																		
1	0605	74	0.	.0	2585.0	*	2	0205	314	5720.	168.6	2589.2	*	2	2205	554	230.	77.4
2588.8																		
1	0610	75	0.	.0	2585.0	*	2	0210	315	5699.	168.5	2589.2	*	2	2210	555	227.	77.3
2588.8																		
1	0615	76	0.	.0	2585.0	*	2	0215	316	5678.	168.4	2589.2	*	2	2215	556	224.	77.1
2588.8																		
1	0620	77	0.	.0	2585.0	*	2	0220	317	5659.	168.3	2589.2	*	2	2220	557	221.	77.0
2588.8																		
1	0625	78	0.	.0	2585.0	*	2	0225	318	5638.	168.1	2589.2	*	2	2225	558	218.	76.9
2588.8																		
1	0630	79	0.	.0	2585.0	*	2	0230	319	5617.	168.0	2589.2	*	2	2230	559	214.	76.8
2588.8																		
1	0635	80	0.	.0	2585.0	*	2	0235	320	5595.	167.8	2589.2	*	2	2235	560	211.	76.7
2588.8																		
1	0640	81	0.	.0	2585.0	*	2	0240	321	5571.	167.7	2589.2	*	2	2240	561	208.	76.5
2588.8																		
1	0645	82	0.	.0	2585.0	*	2	0245	322	5547.	167.5	2589.2	*	2	2245	562	205.	76.4
2588.8																		
1	0650	83	0.	.0	2585.0	*	2	0250	323	5526.	167.4	2589.2	*	2	2250	563	202.	76.3
2588.8																		
1	0655	84	0.	.0	2585.0	*	2	0255	324	5509.	167.3	2589.2	*	2	2255	564	199.	76.2
2588.8																		
1	0700	85	0.	.0	2585.0	*	2	0300	325	5493.	167.2	2589.2	*	2	2300	565	196.	76.1
2588.8																		
1	0705	86	0.	.0	2585.0	*	2	0305	326	5474.	167.1	2589.2	*	2	2305	566	193.	76.0
2588.8																		
1	0710	87	0.	.0	2585.0	*	2	0310	327	5452.	166.9	2589.2	*	2	2310	567	190.	75.8
2588.8																		
1	0715	88	0.	.0	2585.0	*	2	0315	328	5429.	166.8	2589.2	*	2	2315	568	186.	75.7
2588.8																		
1	0720	89	0.	.0	2585.0	*	2	0320	329	5406.	166.6	2589.2	*	2	2320	569	183.	75.6
2588.8																		
1	0725	90	0.	.0	2585.0	*	2	0325	330	5384.	166.5	2589.2	*	2	2325	570	180.	75.5
2588.8																		
1	0730	91	0.	.0	2585.0	*	2	0330	331	5362.	166.3	2589.2	*	2	2330	571	177.	75.3
2588.8																		
1	0735	92	0.	.0	2585.0	*	2	0335	332	5339.	166.2	2589.2	*	2	2335	572	174.	75.2
2588.8																		
1	0740	93	0.	.0	2585.0	*	2	0340	333	5316.	166.0	2589.2	*	2	2340	573	171.	75.1
2588.8																		
1	0745	94	0.	.0	2585.0	*	2	0345	334	5293.	165.9	2589.2	*	2	2345	574	168.	75.0
2588.8																		
1	0750	95	0.	.0	2585.0	*	2	0350	335	5266.	165.7	2589.2	*	2	2350	575	165.	74.9
2588.8																		
1	0755	96	0.	.0	2585.0	*	2	0355	336	5236.	165.5	2589.2	*	2	2355	576	163.	74.8
2588.8																		
1	0800	97	0.	.0	2585.0	*	2	0400	337	5205.	165.3	2589.2	*	3	0000	577	160.	74.7
2588.8																		
1	0805	98	0.	.0	2585.0	*	2	0405	338	5169.	165.1	2589.2	*	3	0005	578	158.	74.6
2588.8																		

1	0810	99	0.	.0	2585.0	*	2	0410	339	5128.	164.8	2589.2	*	3	0010	579	155.	74.5
2588.8																		
1	0815	100	0.	.0	2585.0	*	2	0415	340	5086.	164.5	2589.2	*	3	0015	580	153.	74.4
2588.8																		
1	0820	101	0.	.0	2585.0	*	2	0420	341	5041.	164.2	2589.2	*	3	0020	581	150.	74.3
2588.8																		
1	0825	102	0.	.0	2585.0	*	2	0425	342	4994.	163.9	2589.2	*	3	0025	582	148.	74.2
2588.8																		
1	0830	103	0.	.0	2585.0	*	2	0430	343	4947.	163.6	2589.2	*	3	0030	583	145.	74.2
2588.8																		
1	0835	104	0.	.0	2585.0	*	2	0435	344	4896.	163.3	2589.2	*	3	0035	584	143.	74.1
2588.8																		
1	0840	105	0.	.0	2585.0	*	2	0440	345	4841.	163.0	2589.2	*	3	0040	585	140.	74.0
2588.8																		
1	0845	106	0.	.0	2585.0	*	2	0445	346	4786.	162.6	2589.2	*	3	0045	586	138.	73.9
2588.8																		
1	0850	107	0.	.0	2585.0	*	2	0450	347	4728.	162.2	2589.1	*	3	0050	587	135.	73.8
2588.8																		
1	0855	108	0.	.0	2585.0	*	2	0455	348	4668.	161.8	2589.1	*	3	0055	588	133.	73.7
2588.8																		
1	0900	109	0.	.0	2585.0	*	2	0500	349	4607.	161.4	2589.1	*	3	0100	589	130.	73.6
2588.8																		
1	0905	110	0.	.0	2585.0	*	2	0505	350	4543.	161.0	2589.1	*	3	0105	590	127.	73.5
2588.8																		
1	0910	111	0.	.0	2585.0	*	2	0510	351	4477.	160.6	2589.1	*	3	0110	591	125.	73.4
2588.8																		
1	0915	112	0.	.0	2585.0	*	2	0515	352	4409.	160.1	2589.1	*	3	0115	592	122.	73.3
2588.8																		
1	0920	113	0.	.0	2585.0	*	2	0520	353	4340.	159.7	2589.1	*	3	0120	593	119.	73.2
2588.8																		
1	0925	114	0.	.0	2585.0	*	2	0525	354	4269.	159.2	2589.1	*	3	0125	594	117.	73.1
2588.8																		
1	0930	115	0.	.0	2585.0	*	2	0530	355	4197.	158.8	2589.1	*	3	0130	595	114.	72.9
2588.8																		
1	0935	116	0.	.0	2585.0	*	2	0535	356	4126.	158.3	2589.1	*	3	0135	596	111.	72.8
2588.8																		
1	0940	117	0.	.0	2585.0	*	2	0540	357	4056.	157.9	2589.1	*	3	0140	597	109.	72.8
2588.8																		
1	0945	118	0.	.0	2585.0	*	2	0545	358	3986.	157.4	2589.1	*	3	0145	598	106.	72.7
2588.8																		
1	0950	119	0.	.0	2585.0	*	2	0550	359	3917.	156.9	2589.1	*	3	0150	599	104.	72.6
2588.8																		
1	0955	120	0.	.0	2585.0	*	2	0555	360	3850.	156.5	2589.1	*	3	0155	600	102.	72.5
2588.8																		
1	1000	121	0.	.0	2585.0	*	2	0600	361	3783.	156.1	2589.1	*	3	0200	601	99.	72.4
2588.8																		
1	1005	122	0.	.0	2585.0	*	2	0605	362	3715.	155.6	2589.1	*	3	0205	602	97.	72.3
2588.8																		
1	1010	123	0.	.0	2585.0	*	2	0610	363	3648.	155.2	2589.1	*	3	0210	603	95.	72.2
2588.8																		
1	1015	124	0.	.0	2585.0	*	2	0615	364	3580.	154.8	2589.1	*	3	0215	604	92.	72.1
2588.8																		
1	1020	125	0.	.0	2585.0	*	2	0620	365	3513.	154.3	2589.1	*	3	0220	605	90.	72.0
2588.8																		
1	1025	126	0.	.0	2585.0	*	2	0625	366	3449.	153.9	2589.1	*	3	0225	606	88.	72.0
2588.8																		
1	1030	127	0.	.0	2585.0	*	2	0630	367	3385.	153.5	2589.1	*	3	0230	607	86.	71.9
2588.8																		
1	1035	128	0.	.0	2585.0	*	2	0635	368	3323.	153.1	2589.1	*	3	0235	608	85.	71.8
2588.8																		
1	1040	129	0.	.0	2585.0	*	2	0640	369	3263.	152.7	2589.1	*	3	0240	609	83.	71.8
2588.8																		
1	1045	130	0.	.0	2585.0	*	2	0645	370	3203.	152.3	2589.1	*	3	0245	610	81.	71.7
2588.8																		
1	1050	131	0.	.0	2585.0	*	2	0650	371	3145.	151.9	2589.1	*	3	0250	611	79.	71.6
2588.8																		
1	1055	132	0.	.0	2585.0	*	2	0655	372	3090.	151.6	2589.1	*	3	0255	612	78.	71.6
2588.8																		
1	1100	133	0.	.0	2585.0	*	2	0700	373	3036.	151.2	2589.1	*	3	0300	613	76.	71.5
2588.8																		
1	1105	134	0.	.0	2585.0	*	2	0705	374	2984.	150.9	2589.1	*	3	0305	614	74.	71.4
2588.8																		
1	1110	135	0.	.0	2585.0	*	2	0710	375	2935.	150.6	2589.1	*	3	0310	615	73.	71.4
2588.8																		
1	1115	136	0.	.0	2585.0	*	2	0715	376	2888.	150.3	2589.0	*	3	0315	616	71.	71.3
2588.8																		
1	1120	137	0.	.0	2585.0	*	2	0720	377	2841.	150.0	2589.0	*	3	0320	617	70.	71.3
2588.8																		
1	1125	138	0.	.0	2585.0	*	2	0725	378	2794.	149.7	2589.0	*	3	0325	618	68.	71.2
2588.8																		
1	1130	139	0.	.0	2585.0	*	2	0730	379	2747.	149.4	2589.0	*	3	0330	619	67.	71.2
2588.8																		
1	1135	140	0.	.0	2585.0	*	2	0735	380	2703.	149.1	2589.0	*	3	0335	620	65.	71.1
2588.8																		
1	1140	141	0.	.0	2585.0	*	2	0740	381	2664.	148.8	2589.0	*	3	0340	621	64.	71.1
2588.8																		
1	1145	142	0.	.0	2585.0	*	2	0745	382	2626.	148.6	2589.0	*	3	0345	622	63.	71.0
2588.8																		
1	1150	143	0.	.0	2585.0	*	2	0750	383	2588.	148.3	2589.0	*	3	0350	623	62.	71.0
2588.8																		
1	1155	144	0.	.0	2585.0	*	2	0755	384	2550.	148.1	2589.0	*	3	0355	624	61.	70.9
2588.8																		
1	1200	145	0.	.0	2585.0	*	2	0800	385	2511.	147.8	2589.0	*	3	0400	625	60.	70.9
2588.8																		
1	1205	146	0.	.0	2585.0	*	2	0805	386	2473.	147.6	2589.0	*	3	0405	626	58.	70.8
2588.8																		
1	1210	147	0.	.0	2585.0	*	2	0810	387	2434.	147.3	2589.0	*	3	0410	627	57.	70.8
2588.8																		
1	1215	148	0.	.0	2585.0	*	2	0815	388	2395.	147.1	2589.0	*	3	0415	628	57.	70.8
2588.8																		
1	1220	149	0.	.0	2585.0	*	2	0820	389	2358.	146.8	2589.0	*	3	0420	629	56.	70.7
2588.8																		
1	1225	150	0.	.0	2585.0	*	2	0825	390	2324.	146.6	2589.0	*	3	0425	630	55.	70.7
2588.8																		
1	1230	151	0.	.0	2585.0	*	2	0830	391	2291.	146.4	2589.0	*	3	0430	631	55.	70.7
2588.8																		
1	1235	152	0.	.0	2585.0	*	2	0835	392	2259.	146.2	2589.0	*	3	0435	632	54.	70.7
2588.8																		
1	1240	153	0.	.0	2585.0	*	2	0840	393	2227.	146.0	2589.0	*	3	0440	633	54.	70.6
2588.8																		
1	1245	154	0.	.0	2585.0	*	2	0845	394	2195.	145.8	2589.0	*	3	0445	634	53.	70.6
2588.8																		

```
   1     1250 155       0.       .0  2585.0 *  2     0850 395    2164.    145.6  2589.0 *  3     0450 635      53.     70.6
2588.8
   1     1255 156       0.       .0  2585.0 *  2     0855 396    2134.    145.4  2589.0 *  3     0455 636      53.     70.6
2588.8
   1     1300 157       0.       .0  2585.0 *  2     0900 397    2104.    145.2  2589.0 *  3     0500 637      52.     70.6
2588.8
   1     1305 158       0.       .0  2585.0 *  2     0905 398    2075.    145.0  2589.0 *  3     0505 638      51.     70.6
2588.8
   1     1310 159       0.       .0  2585.0 *  2     0910 399    2047.    144.8  2589.0 *  3     0510 639      50.     70.5
2588.8
   1     1315 160       0.       .0  2585.0 *  2     0915 400    2019.    144.6  2589.0 *  3     0515 640      49.     70.5
2588.8
   1     1320 161       0.       .1  2585.1 *  2     0920 401    1991.    144.4  2589.0 *  3     0520 641      48.     70.4
2588.8
   1     1325 162       0.       .1  2585.1 *  2     0925 402    1979.    144.2  2589.0 *  3     0525 642      47.     70.4
2588.8
   1     1330 163       0.       .1  2585.2 *  2     0930 403    1970.    143.9  2589.0 *  3     0530 643      46.     70.4
2588.8
   1     1335 164       0.       .1  2585.2 *  2     0935 404    1958.    143.4  2589.0 *  3     0535 644      46.     70.3
2588.8
   1     1340 165       0.       .2  2585.3 *  2     0940 405    1943.    142.8  2589.0 *  3     0540 645      45.     70.3
2588.8
   1     1345 166       0.       .2  2585.3 *  2     0945 406    1927.    142.2  2589.0 *  3     0545 646      44.     70.3
2588.8
   1     1350 167       0.       .3  2585.4 *  2     0950 407    1908.    141.5  2589.0 *  3     0550 647      44.     70.3
2588.8
   1     1355 168       0.       .4  2585.5 *  2     0955 408    1888.    140.7  2589.0 *  3     0555 648      43.     70.2
2588.8
   1     1400 169       0.       .4  2585.6 *  2     1000 409    1867.    139.9  2589.0 *  3     0600 649      42.     70.2
2588.8
   1     1405 170       0.       .5  2585.8 *  2     1005 410    1845.    139.1  2589.0 *  3     0605 650      42.     70.2
2588.8
   1     1410 171       0.       .7  2585.9 *  2     1010 411    1822.    138.2  2589.0 *  3     0610 651      41.     70.2
2588.8
   1     1415 172       0.       .8  2586.0 *  2     1015 412    1799.    137.3  2589.0 *  3     0615 652      40.     70.1
2588.8
   1     1420 173       0.      1.0  2586.0 *  2     1020 413    1775.    136.4  2589.0 *  3     0620 653      39.     70.1
2588.8
   1     1425 174       0.      1.1  2586.0 *  2     1025 414    1752.    135.5  2589.0 *  3     0625 654      38.     70.1
2588.8
   1     1430 175       0.      1.3  2586.0 *  2     1030 415    1728.    134.6  2589.0 *  3     0630 655      38.     70.0
2588.8
   1     1435 176       0.      1.4  2586.0 *  2     1035 416    1704.    133.7  2589.0 *  3     0635 656      37.     70.0
2588.8
   1     1440 177       0.      1.6  2586.1 *  2     1040 417    1681.    132.8  2589.0 *  3     0640 657      36.     70.0
2588.8
   1     1445 178       0.      1.7  2586.1 *  2     1045 418    1657.    131.9  2589.0 *  3     0645 658      36.     70.0
2588.8
   1     1450 179       0.      1.9  2586.1 *  2     1050 419    1633.    131.0  2589.0 *  3     0650 659      35.     69.9
2588.8
   1     1455 180       0.      2.1  2586.1 *  2     1055 420    1610.    130.1  2589.0 *  3     0655 660      34.     69.9
2588.8
   1     1500 181       0.      2.3  2586.1 *  2     1100 421    1586.    129.2  2589.0 *  3     0700 661      34.     69.9
2588.8
   1     1505 182       0.      2.5  2586.1 *  2     1105 422    1563.    128.3  2589.0 *  3     0705 662      33.     69.9
2588.8
   1     1510 183       0.      2.7  2586.1 *  2     1110 423    1539.    127.4  2589.0 *  3     0710 663      32.     69.8
2588.8
   1     1515 184       0.      2.9  2586.1 *  2     1115 424    1516.    126.5  2589.0 *  3     0715 664      31.     69.8
2588.8
   1     1520 185       0.      3.2  2586.1 *  2     1120 425    1492.    125.6  2589.0 *  3     0720 665      30.     69.7
2588.8
   1     1525 186       0.      3.4  2586.2 *  2     1125 426    1469.    124.7  2588.9 *  3     0725 666      29.     69.7
2588.8
   1     1530 187       0.      3.7  2586.2 *  2     1130 427    1446.    123.8  2588.9 *  3     0730 667      28.     69.7
2588.8
   1     1535 188       0.      4.0  2586.2 *  2     1135 428    1423.    123.0  2588.9 *  3     0735 668      27.     69.6
2588.8
   1     1540 189       0.      4.3  2586.2 *  2     1140 429    1401.    122.1  2588.9 *  3     0740 669      26.     69.6
2588.8
   1     1545 190       0.      4.7  2586.2 *  2     1145 430    1379.    121.3  2588.9 *  3     0745 670      26.     69.6
2588.8
   1     1550 191       0.      5.1  2586.3 *  2     1150 431    1358.    120.5  2588.9 *  3     0750 671      25.     69.6
2588.8
   1     1555 192       0.      5.5  2586.3 *  2     1155 432    1337.    119.7  2588.9 *  3     0755 672      25.     69.5
2588.8
   1     1600 193       0.      6.1  2586.3 *  2     1200 433    1316.    118.9  2588.9 *  3     0800 673      24.     69.5
2588.8
   1     1605 194       0.      6.7  2586.4 *  2     1205 434    1296.    118.1  2588.9 *  3     0805 674      24.     69.5
2588.8
   1     1610 195       0.      7.6  2586.4 *  2     1210 435    1275.    117.3  2588.9 *  3     0810 675      23.     69.5
2588.8
   1     1615 196       0.      8.6  2586.5 *  2     1215 436    1254.    116.5  2588.9 *  3     0815 676      22.     69.5
2588.8
   1     1620 197       0.      9.8  2586.5 *  2     1220 437    1233.    115.7  2588.9 *  3     0820 677      22.     69.4
2588.8
   1     1625 198       0.     11.1  2586.6 *  2     1225 438    1212.    114.9  2588.9 *  3     0825 678      21.     69.4
2588.8
   1     1630 199       0.     12.6  2586.7 *  2     1230 439    1191.    114.1  2588.9 *  3     0830 679      20.     69.4
2588.8
   1     1635 200       0.     14.4  2586.8 *  2     1235 440    1171.    113.3  2588.9 *  3     0835 680      20.     69.4
2588.8
   1     1640 201       0.     16.3  2586.9 *  2     1240 441    1151.    112.6  2588.9 *  3     0840 681      19.     69.3
2588.8
   1     1645 202       0.     18.5  2587.0 *  2     1245 442    1131.    111.8  2588.9 *  3     0845 682      19.     69.3
2588.8
   1     1650 203       0.     21.0  2587.1 *  2     1250 443    1112.    111.1  2588.9 *  3     0850 683      18.     69.3
2588.8
   1     1655 204       0.     23.9  2587.1 *  2     1255 444    1093.    110.4  2588.9 *  3     0855 684      18.     69.3
2588.8
   1     1700 205       0.     27.2  2587.2 *  2     1300 445    1075.    109.7  2588.9 *  3     0900 685      18.     69.3
2588.8
   1     1705 206       0.     30.9  2587.3 *  2     1305 446    1056.    109.0  2588.9 *  3     0905 686      17.     69.3
2588.8
   1     1710 207       0.     35.1  2587.4 *  2     1310 447    1039.    108.3  2588.9 *  3     0910 687      17.     69.3
2588.8
   1     1715 208       0.     39.7  2587.5 *  2     1315 448    1022.    107.6  2588.9 *  3     0915 688      17.     69.3
2588.8
   1     1720 209       0.     44.7  2587.6 *  2     1320 449    1005.    107.0  2588.9 *  3     0920 689      17.     69.2
2588.8
   1     1725 210       0.     50.0  2587.7 *  2     1325 450     989.    106.4  2588.9 *  3     0925 690      16.     69.2
2588.8
```

```
   1     1730 211       0.     55.5  2587.9 *  2     1330 451     973.    105.8  2588.9 *  3     0930 691      16.     69.2
2588.8
   1     1735 212       0.     61.2  2588.0 *  2     1335 452     957.    105.2  2588.9 *  3     0935 692      15.     69.2
2588.8
   1     1740 213       0.     67.2  2588.6 *  2     1340 453     941.    104.6  2588.9 *  3     0940 693      14.     69.1
2588.8
   1     1745 214     113.     72.9  2588.8 *  2     1345 454     926.    104.0  2588.9 *  3     0945 694      13.     69.1
2588.8
   1     1750 215     248.     78.1  2588.8 *  2     1350 455     911.    103.4  2588.9 *  3     0950 695      13.     69.1
2588.8
   1     1755 216     365.     82.5  2588.8 *  2     1355 456     896.    102.8  2588.9 *  3     0955 696      12.     69.1
2588.8
   1     1800 217     468.     86.5  2588.8 *  2     1400 457     882.    102.3  2588.9 *  3     1000 697      12.     69.0
2588.8
   1     1805 218     560.     90.0  2588.9 *  2     1405 458     868.    101.8  2588.9 *  3     1005 698      11.     69.0
2588.8
   1     1810 219     642.     93.1  2588.9 *  2     1410 459     855.    101.3  2588.9 *  3     1010 699      11.     69.0
2588.8
   1     1815 220     717.     96.0  2588.9 *  2     1415 460     841.    100.7  2588.9 *  3     1015 700      10.     69.0
2588.8
   1     1820 221     785.     98.6  2588.9 *  2     1420 461     828.    100.2  2588.9 *  3     1020 701      10.     69.0
2588.8
   1     1825 222     846.    100.9  2588.9 *  2     1425 462     816.     99.8  2588.9 *  3     1025 702       9.     69.0
2588.8
   1     1830 223     903.    103.1  2588.9 *  2     1430 463     803.     99.3  2588.9 *  3     1030 703       9.     68.9
2588.8
   1     1835 224     955.    105.1  2588.9 *  2     1435 464     792.     98.8  2588.9 *  3     1035 704       8.     68.9
2588.8
   1     1840 225    1002.    106.9  2588.9 *  2     1440 465     780.     98.4  2588.9 *  3     1040 705       7.     68.9
2588.8
   1     1845 226    1046.    108.6  2588.9 *  2     1445 466     769.     98.0  2588.9 *  3     1045 706       7.     68.9
2588.8
   1     1850 227    1088.    110.2  2588.9 *  2     1450 467     759.     97.6  2588.9 *  3     1050 707       6.     68.8
2588.8
   1     1855 228    1128.    111.7  2588.9 *  2     1455 468     749.     97.2  2588.9 *  3     1055 708       6.     68.8
2588.8
   1     1900 229    1168.    113.2  2588.9 *  2     1500 469     739.     96.8  2588.9 *  3     1100 709       5.     68.8
2588.8
   1     1905 230    1209.    114.8  2588.9 *  2     1505 470     729.     96.5  2588.9 *  3     1105 710       4.     68.8
2588.8
   1     1910 231    1249.    116.3  2588.9 *  2     1510 471     719.     96.1  2588.9 *  3     1110 711       4.     68.7
2588.8
   1     1915 232    1291.    117.9  2588.9 *  2     1515 472     708.     95.7  2588.9 *  3     1115 712       3.     68.7
2588.8
   1     1920 233    1331.    119.4  2588.9 *  2     1520 473     698.     95.3  2588.9 *  3     1120 713       3.     68.7
2588.8
   1     1925 234    1369.    120.9  2588.9 *  2     1525 474     688.     94.9  2588.9 *  3     1125 714       3.     68.7
2588.8
   1     1930 235    1406.    122.3  2588.9 *  2     1530 475     678.     94.5  2588.9 *  3     1130 715       2.     68.7
2588.8
   1     1935 236    1441.    123.7  2588.9 *  2     1535 476     669.     94.2  2588.9 *  3     1135 716       2.     68.7
2588.8
   1     1940 237    1477.    125.0  2588.9 *  2     1540 477     660.     93.8  2588.9 *  3     1140 717       2.     68.7
2588.8
   1     1945 238    1512.    126.4  2589.0 *  2     1545 478     650.     93.5  2588.9 *  3     1145 718       2.     68.7
2588.8
   1     1950 239    1551.    127.9  2589.0 *  2     1550 479     641.     93.1  2588.9 *  3     1150 719       1.     68.7
2588.8
   1     1955 240    1597.    129.6  2589.0 *  2     1555 480     632.     92.8  2588.9 *  3     1155 720       1.     68.6
2588.8
                                                 *                                                *

*************************************************************************************************************************
*

  PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                     6-HR       24-HR       72-HR     59.92-HR
+   (CFS)       (HR)
                              (CFS)
+   10747.     21.17          7530.       3535.       1456.        1456.
                        (INCHES)      .000        .000        .000        .000
                         (AC-FT)     3734.       7011.       7209.        7209.

 PEAK STORAGE   TIME                         MAXIMUM AVERAGE STORAGE
                                     6-HR       24-HR       72-HR     59.92-HR
+  (AC-FT)      (HR)
      195.     21.17                178.        141.         80.          80.

  PEAK STAGE    TIME                          MAXIMUM AVERAGE STAGE
                                     6-HR       24-HR       72-HR     59.92-HR
+   (FEET)      (HR)
   2589.41     21.17             2589.28     2589.06     2587.88      2587.88

                         CUMULATIVE AREA =     .00 SQ MI


*************************************************************************************************************************
*

                                                  HYDROGRAPH AT STATION      PKB
                                                      PLAN 1,   RATIO =   .97


*************************************************************************************************************************
*
                                                 *                                                *
  DA MON HRMN ORD  OUTFLOW  STORAGE   STAGE * DA MON HRMN ORD  OUTFLOW  STORAGE   STAGE * DA MON HRMN ORD  OUTFLOW  STORAGE
STAGE
                                                 *                                                *
   1     0000   1       0.       .0  2585.0 *  1     2000 241    1650.    131.6  2589.0 *  2     1600 481     623.     92.4
2588.9
   1     0005   2       0.       .0  2585.0 *  1     2005 242    1774.    136.4  2589.0 *  2     1605 482     614.     92.1
2588.9
   1     0010   3       0.       .0  2585.0 *  1     2010 243    2162.    145.6  2589.0 *  2     1610 483     606.     91.7
2588.9
   1     0015   4       0.       .0  2585.0 *  1     2015 244    3572.    154.7  2589.1 *  2     1615 484     597.     91.4
2588.9
   1     0020   5       0.       .0  2585.0 *  1     2020 245    4714.    162.1  2589.1 *  2     1620 485     589.     91.1
2588.9
   1     0025   6       0.       .0  2585.0 *  1     2025 246    5887.    169.5  2589.2 *  2     1625 486     581.     90.8
2588.9
```

1	0030	7	0.	.0	2585.0	*	1	2030	247	7176.	176.3	2589.3	*	2	1630	487	573.	90.5
2588.9																		
1	0035	8	0.	.0	2585.0	*	1	2035	248	8081.	181.1	2589.3	*	2	1635	488	565.	90.2
2588.9																		
1	0040	9	0.	.0	2585.0	*	1	2040	249	8632.	184.0	2589.3	*	2	1640	489	558.	89.9
2588.9																		
1	0045	10	0.	.0	2585.0	*	1	2045	250	9107.	186.5	2589.3	*	2	1645	490	550.	89.6
2588.9																		
1	0050	11	0.	.0	2585.0	*	1	2050	251	9558.	188.9	2589.4	*	2	1650	491	543.	89.3
2588.9																		
1	0055	12	0.	.0	2585.0	*	1	2055	252	9994.	191.2	2589.4	*	2	1655	492	535.	89.1
2588.9																		
1	0100	13	0.	.0	2585.0	*	1	2100	253	10428.	193.5	2589.4	*	2	1700	493	528.	88.8
2588.9																		
1	0105	14	0.	.0	2585.0	*	1	2105	254	10729.	194.9	2589.4	*	2	1705	494	520.	88.5
2588.9																		
1	0110	15	0.	.0	2585.0	*	1	2110	255	10747.	195.0	2589.4	*	2	1710	495	513.	88.2
2588.9																		
1	0115	16	0.	.0	2585.0	*	1	2115	256	10646.	194.6	2589.4	*	2	1715	496	505.	87.9
2588.9																		
1	0120	17	0.	.0	2585.0	*	1	2120	257	10506.	193.9	2589.4	*	2	1720	497	497.	87.6
2588.9																		
1	0125	18	0.	.0	2585.0	*	1	2125	258	10350.	193.1	2589.4	*	2	1725	498	490.	87.3
2588.8																		
1	0130	19	0.	.0	2585.0	*	1	2130	259	10178.	192.2	2589.4	*	2	1730	499	482.	87.0
2588.8																		
1	0135	20	0.	.0	2585.0	*	1	2135	260	10006.	191.3	2589.4	*	2	1735	500	474.	86.7
2588.8																		
1	0140	21	0.	.0	2585.0	*	1	2140	261	9837.	190.4	2589.4	*	2	1740	501	467.	86.4
2588.8																		
1	0145	22	0.	.0	2585.0	*	1	2145	262	9669.	189.5	2589.4	*	2	1745	502	460.	86.2
2588.8																		
1	0150	23	0.	.0	2585.0	*	1	2150	263	9500.	188.6	2589.4	*	2	1750	503	453.	85.9
2588.8																		
1	0155	24	0.	.0	2585.0	*	1	2155	264	9329.	187.7	2589.4	*	2	1755	504	446.	85.7
2588.8																		
1	0200	25	0.	.0	2585.0	*	1	2200	265	9158.	186.8	2589.3	*	2	1800	505	440.	85.4
2588.8																		
1	0205	26	0.	.0	2585.0	*	1	2205	266	8991.	185.9	2589.3	*	2	1805	506	434.	85.2
2588.8																		
1	0210	27	0.	.0	2585.0	*	1	2210	267	8827.	185.0	2589.3	*	2	1810	507	428.	85.0
2588.8																		
1	0215	28	0.	.0	2585.0	*	1	2215	268	8664.	184.2	2589.3	*	2	1815	508	422.	84.7
2588.8																		
1	0220	29	0.	.0	2585.0	*	1	2220	269	8509.	183.4	2589.3	*	2	1820	509	416.	84.5
2588.8																		
1	0225	30	0.	.0	2585.0	*	1	2225	270	8364.	182.6	2589.3	*	2	1825	510	410.	84.3
2588.8																		
1	0230	31	0.	.0	2585.0	*	1	2230	271	8222.	181.8	2589.3	*	2	1830	511	405.	84.1
2588.8																		
1	0235	32	0.	.0	2585.0	*	1	2235	272	8090.	181.1	2589.3	*	2	1835	512	399.	83.8
2588.8																		
1	0240	33	0.	.0	2585.0	*	1	2240	273	7971.	180.5	2589.3	*	2	1840	513	393.	83.6
2588.8																		
1	0245	34	0.	.0	2585.0	*	1	2245	274	7854.	179.9	2589.3	*	2	1845	514	387.	83.4
2588.8																		
1	0250	35	0.	.0	2585.0	*	1	2250	275	7744.	179.3	2589.3	*	2	1850	515	382.	83.2
2588.8																		
1	0255	36	0.	.0	2585.0	*	1	2255	276	7643.	178.8	2589.3	*	2	1855	516	376.	83.0
2588.8																		
1	0300	37	0.	.0	2585.0	*	1	2300	277	7543.	178.3	2589.3	*	2	1900	517	371.	82.8
2588.8																		
1	0305	38	0.	.0	2585.0	*	1	2305	278	7450.	177.8	2589.3	*	2	1905	518	365.	82.5
2588.8																		
1	0310	39	0.	.0	2585.0	*	1	2310	279	7362.	177.3	2589.3	*	2	1910	519	360.	82.3
2588.8																		
1	0315	40	0.	.0	2585.0	*	1	2315	280	7276.	176.8	2589.3	*	2	1915	520	354.	82.1
2588.8																		
1	0320	41	0.	.0	2585.0	*	1	2320	281	7196.	176.4	2589.3	*	2	1920	521	349.	81.9
2588.8																		
1	0325	42	0.	.0	2585.0	*	1	2325	282	7123.	176.0	2589.3	*	2	1925	522	345.	81.8
2588.8																		
1	0330	43	0.	.0	2585.0	*	1	2330	283	7051.	175.7	2589.3	*	2	1930	523	341.	81.6
2588.8																		
1	0335	44	0.	.0	2585.0	*	1	2335	284	6983.	175.3	2589.3	*	2	1935	524	336.	81.5
2588.8																		
1	0340	45	0.	.0	2585.0	*	1	2340	285	6919.	174.9	2589.3	*	2	1940	525	332.	81.3
2588.8																		
1	0345	46	0.	.0	2585.0	*	1	2345	286	6855.	174.6	2589.2	*	2	1945	526	328.	81.1
2588.8																		
1	0350	47	0.	.0	2585.0	*	1	2350	287	6795.	174.3	2589.2	*	2	1950	527	323.	81.0
2588.8																		
1	0355	48	0.	.0	2585.0	*	1	2355	288	6740.	174.0	2589.2	*	2	1955	528	319.	80.8
2588.8																		
1	0400	49	0.	.0	2585.0	*	2	0000	289	6686.	173.7	2589.2	*	2	2000	529	315.	80.6
2588.8																		
1	0405	50	0.	.0	2585.0	*	2	0005	290	6632.	173.4	2589.2	*	2	2005	530	312.	80.5
2588.8																		
1	0410	51	0.	.0	2585.0	*	2	0010	291	6578.	173.1	2589.2	*	2	2010	531	308.	80.4
2588.8																		
1	0415	52	0.	.0	2585.0	*	2	0015	292	6525.	172.9	2589.2	*	2	2015	532	305.	80.2
2588.8																		
1	0420	53	0.	.0	2585.0	*	2	0020	293	6472.	172.6	2589.2	*	2	2020	533	301.	80.1
2588.8																		
1	0425	54	0.	.0	2585.0	*	2	0025	294	6421.	172.3	2589.2	*	2	2025	534	298.	80.0
2588.8																		
1	0430	55	0.	.0	2585.0	*	2	0030	295	6371.	172.0	2589.2	*	2	2030	535	295.	79.9
2588.8																		
1	0435	56	0.	.0	2585.0	*	2	0035	296	6323.	171.8	2589.2	*	2	2035	536	291.	79.7
2588.8																		
1	0440	57	0.	.0	2585.0	*	2	0040	297	6279.	171.6	2589.2	*	2	2040	537	288.	79.6
2588.8																		
1	0445	58	0.	.0	2585.0	*	2	0045	298	6237.	171.3	2589.2	*	2	2045	538	285.	79.5
2588.8																		
1	0450	59	0.	.0	2585.0	*	2	0050	299	6196.	171.1	2589.2	*	2	2050	539	281.	79.4
2588.8																		
1	0455	60	0.	.0	2585.0	*	2	0055	300	6158.	170.9	2589.2	*	2	2055	540	278.	79.2
2588.8																		
1	0500	61	0.	.0	2585.0	*	2	0100	301	6120.	170.7	2589.2	*	2	2100	541	274.	79.1
2588.8																		
1	0505	62	0.	.0	2585.0	*	2	0105	302	6083.	170.5	2589.2	*	2	2105	542	271.	79.0
2588.8																		

```
   1     0510  63        0.        .0  2585.0 *  2     0110 303     6048.    170.3  2589.2 *  2     2110 543     268.     78.8
2588.8
   1     0515  64        0.        .0  2585.0 *  2     0115 304     6014.    170.2  2589.2 *  2     2115 544     264.     78.7
2588.8
   1     0520  65        0.        .0  2585.0 *  2     0120 305     5979.    170.0  2589.2 *  2     2120 545     261.     78.6
2588.8
   1     0525  66        0.        .0  2585.0 *  2     0125 306     5945.    169.8  2589.2 *  2     2125 546     258.     78.5
2588.8
   1     0530  67        0.        .0  2585.0 *  2     0130 307     5911.    169.6  2589.2 *  2     2130 547     255.     78.3
2588.8
   1     0535  68        0.        .0  2585.0 *  2     0135 308     5879.    169.4  2589.2 *  2     2135 548     252.     78.2
2588.8
   1     0540  69        0.        .0  2585.0 *  2     0140 309     5849.    169.3  2589.2 *  2     2140 549     248.     78.1
2588.8
   1     0545  70        0.        .0  2585.0 *  2     0145 310     5821.    169.1  2589.2 *  2     2145 550     245.     77.9
2588.8
   1     0550  71        0.        .0  2585.0 *  2     0150 311     5794.    169.0  2589.2 *  2     2150 551     241.     77.8
2588.8
   1     0555  72        0.        .0  2585.0 *  2     0155 312     5768.    168.9  2589.2 *  2     2155 552     237.     77.7
2588.8
   1     0600  73        0.        .0  2585.0 *  2     0200 313     5744.    168.7  2589.2 *  2     2200 553     234.     77.5
2588.8
   1     0605  74        0.        .0  2585.0 *  2     0205 314     5720.    168.6  2589.2 *  2     2205 554     230.     77.4
2588.8
   1     0610  75        0.        .0  2585.0 *  2     0210 315     5699.    168.5  2589.2 *  2     2210 555     227.     77.3
2588.8
   1     0615  76        0.        .0  2585.0 *  2     0215 316     5678.    168.4  2589.2 *  2     2215 556     224.     77.1
2588.8
   1     0620  77        0.        .0  2585.0 *  2     0220 317     5659.    168.3  2589.2 *  2     2220 557     221.     77.0
2588.8
   1     0625  78        0.        .0  2585.0 *  2     0225 318     5638.    168.1  2589.2 *  2     2225 558     218.     76.9
2588.8
   1     0630  79        0.        .0  2585.0 *  2     0230 319     5617.    168.0  2589.2 *  2     2230 559     214.     76.8
2588.8
   1     0635  80        0.        .0  2585.0 *  2     0235 320     5595.    167.8  2589.2 *  2     2235 560     211.     76.7
2588.8
   1     0640  81        0.        .0  2585.0 *  2     0240 321     5571.    167.7  2589.2 *  2     2240 561     208.     76.5
2588.8
   1     0645  82        0.        .0  2585.0 *  2     0245 322     5547.    167.5  2589.2 *  2     2245 562     205.     76.4
2588.8
   1     0650  83        0.        .0  2585.0 *  2     0250 323     5526.    167.4  2589.2 *  2     2250 563     202.     76.3
2588.8
   1     0655  84        0.        .0  2585.0 *  2     0255 324     5509.    167.3  2589.2 *  2     2255 564     199.     76.2
2588.8
   1     0700  85        0.        .0  2585.0 *  2     0300 325     5493.    167.2  2589.2 *  2     2300 565     196.     76.1
2588.8
   1     0705  86        0.        .0  2585.0 *  2     0305 326     5474.    167.1  2589.2 *  2     2305 566     193.     76.0
2588.8
   1     0710  87        0.        .0  2585.0 *  2     0310 327     5452.    166.9  2589.2 *  2     2310 567     190.     75.8
2588.8
   1     0715  88        0.        .0  2585.0 *  2     0315 328     5429.    166.8  2589.2 *  2     2315 568     186.     75.7
2588.8
   1     0720  89        0.        .0  2585.0 *  2     0320 329     5406.    166.6  2589.2 *  2     2320 569     183.     75.6
2588.8
   1     0725  90        0.        .0  2585.0 *  2     0325 330     5384.    166.5  2589.2 *  2     2325 570     180.     75.5
2588.8
   1     0730  91        0.        .0  2585.0 *  2     0330 331     5362.    166.3  2589.2 *  2     2330 571     177.     75.3
2588.8
   1     0735  92        0.        .0  2585.0 *  2     0335 332     5339.    166.2  2589.2 *  2     2335 572     174.     75.2
2588.8
   1     0740  93        0.        .0  2585.0 *  2     0340 333     5316.    166.0  2589.2 *  2     2340 573     171.     75.1
2588.8
   1     0745  94        0.        .0  2585.0 *  2     0345 334     5293.    165.9  2589.2 *  2     2345 574     168.     75.0
2588.8
   1     0750  95        0.        .0  2585.0 *  2     0350 335     5266.    165.7  2589.2 *  2     2350 575     165.     74.9
2588.8
   1     0755  96        0.        .0  2585.0 *  2     0355 336     5236.    165.5  2589.2 *  2     2355 576     163.     74.8
2588.8
   1     0800  97        0.        .0  2585.0 *  2     0400 337     5205.    165.3  2589.2 *  3     0000 577     160.     74.7
2588.8
   1     0805  98        0.        .0  2585.0 *  2     0405 338     5169.    165.1  2589.2 *  3     0005 578     158.     74.6
2588.8
   1     0810  99        0.        .0  2585.0 *  2     0410 339     5128.    164.8  2589.2 *  3     0010 579     155.     74.5
2588.8
   1     0815 100        0.        .0  2585.0 *  2     0415 340     5086.    164.5  2589.2 *  3     0015 580     153.     74.4
2588.8
   1     0820 101        0.        .0  2585.0 *  2     0420 341     5041.    164.2  2589.2 *  3     0020 581     150.     74.3
2588.8
   1     0825 102        0.        .0  2585.0 *  2     0425 342     4994.    163.9  2589.2 *  3     0025 582     148.     74.2
2588.8
   1     0830 103        0.        .0  2585.0 *  2     0430 343     4947.    163.6  2589.2 *  3     0030 583     145.     74.2
2588.8
   1     0835 104        0.        .0  2585.0 *  2     0435 344     4896.    163.3  2589.2 *  3     0035 584     143.     74.1
2588.8
   1     0840 105        0.        .0  2585.0 *  2     0440 345     4841.    163.0  2589.2 *  3     0040 585     140.     74.0
2588.8
   1     0845 106        0.        .0  2585.0 *  2     0445 346     4786.    162.6  2589.2 *  3     0045 586     138.     73.9
2588.8
   1     0850 107        0.        .0  2585.0 *  2     0450 347     4728.    162.2  2589.1 *  3     0050 587     135.     73.8
2588.8
   1     0855 108        0.        .0  2585.0 *  2     0455 348     4668.    161.8  2589.1 *  3     0055 588     133.     73.7
2588.8
   1     0900 109        0.        .0  2585.0 *  2     0500 349     4607.    161.4  2589.1 *  3     0100 589     130.     73.6
2588.8
   1     0905 110        0.        .0  2585.0 *  2     0505 350     4543.    161.0  2589.1 *  3     0105 590     127.     73.5
2588.8
   1     0910 111        0.        .0  2585.0 *  2     0510 351     4477.    160.6  2589.1 *  3     0110 591     125.     73.4
2588.8
   1     0915 112        0.        .0  2585.0 *  2     0515 352     4409.    160.1  2589.1 *  3     0115 592     122.     73.3
2588.8
   1     0920 113        0.        .0  2585.0 *  2     0520 353     4340.    159.7  2589.1 *  3     0120 593     119.     73.2
2588.8
   1     0925 114        0.        .0  2585.0 *  2     0525 354     4269.    159.2  2589.1 *  3     0125 594     117.     73.1
2588.8
   1     0930 115        0.        .0  2585.0 *  2     0530 355     4197.    158.8  2589.1 *  3     0130 595     114.     72.9
2588.8
   1     0935 116        0.        .0  2585.0 *  2     0535 356     4126.    158.3  2589.1 *  3     0135 596     111.     72.8
2588.8
   1     0940 117        0.        .0  2585.0 *  2     0540 357     4056.    157.9  2589.1 *  3     0140 597     109.     72.8
2588.8
   1     0945 118        0.        .0  2585.0 *  2     0545 358     3986.    157.4  2589.1 *  3     0145 598     106.     72.7
2588.8
```

1	0950	119	0.	.0	2585.0	*	2	0550	359	3917.	156.9	2589.1	*	3	0150	599	104.	72.6
2588.8																		
1	0955	120	0.	.0	2585.0	*	2	0555	360	3850.	156.5	2589.1	*	3	0155	600	102.	72.5
2588.8																		
1	1000	121	0.	.0	2585.0	*	2	0600	361	3783.	156.1	2589.1	*	3	0200	601	99.	72.4
2588.8																		
1	1005	122	0.	.0	2585.0	*	2	0605	362	3715.	155.6	2589.1	*	3	0205	602	97.	72.3
2588.8																		
1	1010	123	0.	.0	2585.0	*	2	0610	363	3648.	155.2	2589.1	*	3	0210	603	95.	72.2
2588.8																		
1	1015	124	0.	.0	2585.0	*	2	0615	364	3580.	154.8	2589.1	*	3	0215	604	92.	72.1
2588.8																		
1	1020	125	0.	.0	2585.0	*	2	0620	365	3513.	154.3	2589.1	*	3	0220	605	90.	72.0
2588.8																		
1	1025	126	0.	.0	2585.0	*	2	0625	366	3449.	153.9	2589.1	*	3	0225	606	88.	72.0
2588.8																		
1	1030	127	0.	.0	2585.0	*	2	0630	367	3385.	153.5	2589.1	*	3	0230	607	86.	71.9
2588.8																		
1	1035	128	0.	.0	2585.0	*	2	0635	368	3323.	153.1	2589.1	*	3	0235	608	85.	71.8
2588.8																		
1	1040	129	0.	.0	2585.0	*	2	0640	369	3263.	152.7	2589.1	*	3	0240	609	83.	71.8
2588.8																		
1	1045	130	0.	.0	2585.0	*	2	0645	370	3203.	152.3	2589.1	*	3	0245	610	81.	71.7
2588.8																		
1	1050	131	0.	.0	2585.0	*	2	0650	371	3145.	151.9	2589.1	*	3	0250	611	79.	71.6
2588.8																		
1	1055	132	0.	.0	2585.0	*	2	0655	372	3090.	151.6	2589.1	*	3	0255	612	78.	71.6
2588.8																		
1	1100	133	0.	.0	2585.0	*	2	0700	373	3036.	151.2	2589.1	*	3	0300	613	76.	71.5
2588.8																		
1	1105	134	0.	.0	2585.0	*	2	0705	374	2984.	150.9	2589.1	*	3	0305	614	74.	71.4
2588.8																		
1	1110	135	0.	.0	2585.0	*	2	0710	375	2935.	150.6	2589.1	*	3	0310	615	73.	71.4
2588.8																		
1	1115	136	0.	.0	2585.0	*	2	0715	376	2888.	150.3	2589.0	*	3	0315	616	71.	71.3
2588.8																		
1	1120	137	0.	.0	2585.0	*	2	0720	377	2841.	150.0	2589.0	*	3	0320	617	70.	71.3
2588.8																		
1	1125	138	0.	.0	2585.0	*	2	0725	378	2794.	149.7	2589.0	*	3	0325	618	68.	71.2
2588.8																		
1	1130	139	0.	.0	2585.0	*	2	0730	379	2747.	149.4	2589.0	*	3	0330	619	67.	71.2
2588.8																		
1	1135	140	0.	.0	2585.0	*	2	0735	380	2703.	149.1	2589.0	*	3	0335	620	65.	71.1
2588.8																		
1	1140	141	0.	.0	2585.0	*	2	0740	381	2664.	148.8	2589.0	*	3	0340	621	64.	71.1
2588.8																		
1	1145	142	0.	.0	2585.0	*	2	0745	382	2626.	148.6	2589.0	*	3	0345	622	63.	71.0
2588.8																		
1	1150	143	0.	.0	2585.0	*	2	0750	383	2588.	148.3	2589.0	*	3	0350	623	62.	71.0
2588.8																		
1	1155	144	0.	.0	2585.0	*	2	0755	384	2550.	148.1	2589.0	*	3	0355	624	61.	70.9
2588.8																		
1	1200	145	0.	.0	2585.0	*	2	0800	385	2511.	147.8	2589.0	*	3	0400	625	60.	70.9
2588.8																		
1	1205	146	0.	.0	2585.0	*	2	0805	386	2473.	147.6	2589.0	*	3	0405	626	58.	70.8
2588.8																		
1	1210	147	0.	.0	2585.0	*	2	0810	387	2434.	147.3	2589.0	*	3	0410	627	57.	70.8
2588.8																		
1	1215	148	0.	.0	2585.0	*	2	0815	388	2395.	147.1	2589.0	*	3	0415	628	57.	70.8
2588.8																		
1	1220	149	0.	.0	2585.0	*	2	0820	389	2358.	146.8	2589.0	*	3	0420	629	56.	70.7
2588.8																		
1	1225	150	0.	.0	2585.0	*	2	0825	390	2324.	146.6	2589.0	*	3	0425	630	55.	70.7
2588.8																		
1	1230	151	0.	.0	2585.0	*	2	0830	391	2291.	146.4	2589.0	*	3	0430	631	55.	70.7
2588.8																		
1	1235	152	0.	.0	2585.0	*	2	0835	392	2259.	146.2	2589.0	*	3	0435	632	54.	70.7
2588.8																		
1	1240	153	0.	.0	2585.0	*	2	0840	393	2227.	146.0	2589.0	*	3	0440	633	54.	70.6
2588.8																		
1	1245	154	0.	.0	2585.0	*	2	0845	394	2195.	145.8	2589.0	*	3	0445	634	53.	70.6
2588.8																		
1	1250	155	0.	.0	2585.0	*	2	0850	395	2164.	145.6	2589.0	*	3	0450	635	53.	70.6
2588.8																		
1	1255	156	0.	.0	2585.0	*	2	0855	396	2134.	145.4	2589.0	*	3	0455	636	53.	70.6
2588.8																		
1	1300	157	0.	.0	2585.0	*	2	0900	397	2104.	145.2	2589.0	*	3	0500	637	52.	70.6
2588.8																		
1	1305	158	0.	.0	2585.0	*	2	0905	398	2075.	145.0	2589.0	*	3	0505	638	51.	70.6
2588.8																		
1	1310	159	0.	.0	2585.0	*	2	0910	399	2047.	144.8	2589.0	*	3	0510	639	50.	70.5
2588.8																		
1	1315	160	0.	.0	2585.0	*	2	0915	400	2019.	144.6	2589.0	*	3	0515	640	49.	70.5
2588.8																		
1	1320	161	0.	.1	2585.1	*	2	0920	401	1991.	144.4	2589.0	*	3	0520	641	48.	70.4
2588.8																		
1	1325	162	0.	.1	2585.1	*	2	0925	402	1979.	144.2	2589.0	*	3	0525	642	47.	70.4
2588.8																		
1	1330	163	0.	.1	2585.2	*	2	0930	403	1970.	143.9	2589.0	*	3	0530	643	46.	70.4
2588.8																		
1	1335	164	0.	.1	2585.2	*	2	0935	404	1958.	143.4	2589.0	*	3	0535	644	46.	70.3
2588.8																		
1	1340	165	0.	.2	2585.3	*	2	0940	405	1943.	142.8	2589.0	*	3	0540	645	45.	70.3
2588.8																		
1	1345	166	0.	.2	2585.3	*	2	0945	406	1927.	142.2	2589.0	*	3	0545	646	44.	70.3
2588.8																		
1	1350	167	0.	.3	2585.4	*	2	0950	407	1908.	141.5	2589.0	*	3	0550	647	44.	70.3
2588.8																		
1	1355	168	0.	.4	2585.5	*	2	0955	408	1888.	140.7	2589.0	*	3	0555	648	43.	70.2
2588.8																		
1	1400	169	0.	.4	2585.6	*	2	1000	409	1867.	139.9	2589.0	*	3	0600	649	42.	70.2
2588.8																		
1	1405	170	0.	.5	2585.8	*	2	1005	410	1845.	139.1	2589.0	*	3	0605	650	42.	70.2
2588.8																		
1	1410	171	0.	.7	2585.9	*	2	1010	411	1822.	138.2	2589.0	*	3	0610	651	41.	70.2
2588.8																		
1	1415	172	0.	.8	2586.0	*	2	1015	412	1799.	137.3	2589.0	*	3	0615	652	40.	70.1
2588.8																		
1	1420	173	0.	1.0	2586.0	*	2	1020	413	1775.	136.4	2589.0	*	3	0620	653	39.	70.1
2588.8																		
1	1425	174	0.	1.1	2586.0	*	2	1025	414	1752.	135.5	2589.0	*	3	0625	654	38.	70.1
2588.8																		

1	1430	175	0.	1.3	2586.0	*	2	1030	415	1728.	134.6	2589.0	*	3	0630	655	38.	70.0
2588.8																		
1	1435	176	0.	1.4	2586.0	*	2	1035	416	1704.	133.7	2589.0	*	3	0635	656	37.	70.0
2588.8																		
1	1440	177	0.	1.6	2586.1	*	2	1040	417	1681.	132.8	2589.0	*	3	0640	657	36.	70.0
2588.8																		
1	1445	178	0.	1.7	2586.1	*	2	1045	418	1657.	131.9	2589.0	*	3	0645	658	36.	70.0
2588.8																		
1	1450	179	0.	1.9	2586.1	*	2	1050	419	1633.	131.0	2589.0	*	3	0650	659	35.	69.9
2588.8																		
1	1455	180	0.	2.1	2586.1	*	2	1055	420	1610.	130.1	2589.0	*	3	0655	660	34.	69.9
2588.8																		
1	1500	181	0.	2.3	2586.1	*	2	1100	421	1586.	129.2	2589.0	*	3	0700	661	34.	69.9
2588.8																		
1	1505	182	0.	2.5	2586.1	*	2	1105	422	1563.	128.3	2589.0	*	3	0705	662	33.	69.9
2588.8																		
1	1510	183	0.	2.7	2586.1	*	2	1110	423	1539.	127.4	2589.0	*	3	0710	663	32.	69.8
2588.8																		
1	1515	184	0.	2.9	2586.1	*	2	1115	424	1516.	126.5	2589.0	*	3	0715	664	31.	69.8
2588.8																		
1	1520	185	0.	3.2	2586.1	*	2	1120	425	1492.	125.6	2589.0	*	3	0720	665	30.	69.7
2588.8																		
1	1525	186	0.	3.4	2586.2	*	2	1125	426	1469.	124.7	2588.9	*	3	0725	666	29.	69.7
2588.8																		
1	1530	187	0.	3.7	2586.2	*	2	1130	427	1446.	123.8	2588.9	*	3	0730	667	28.	69.7
2588.8																		
1	1535	188	0.	4.0	2586.2	*	2	1135	428	1423.	123.0	2588.9	*	3	0735	668	27.	69.6
2588.8																		
1	1540	189	0.	4.3	2586.2	*	2	1140	429	1401.	122.1	2588.9	*	3	0740	669	26.	69.6
2588.8																		
1	1545	190	0.	4.7	2586.2	*	2	1145	430	1379.	121.3	2588.9	*	3	0745	670	26.	69.6
2588.8																		
1	1550	191	0.	5.1	2586.3	*	2	1150	431	1358.	120.5	2588.9	*	3	0750	671	25.	69.6
2588.8																		
1	1555	192	0.	5.5	2586.3	*	2	1155	432	1337.	119.7	2588.9	*	3	0755	672	25.	69.5
2588.8																		
1	1600	193	0.	6.1	2586.3	*	2	1200	433	1316.	118.9	2588.9	*	3	0800	673	24.	69.5
2588.8																		
1	1605	194	0.	6.7	2586.4	*	2	1205	434	1296.	118.1	2588.9	*	3	0805	674	24.	69.5
2588.8																		
1	1610	195	0.	7.6	2586.4	*	2	1210	435	1275.	117.3	2588.9	*	3	0810	675	23.	69.5
2588.8																		
1	1615	196	0.	8.6	2586.5	*	2	1215	436	1254.	116.5	2588.9	*	3	0815	676	22.	69.5
2588.8																		
1	1620	197	0.	9.8	2586.5	*	2	1220	437	1233.	115.7	2588.9	*	3	0820	677	22.	69.4
2588.8																		
1	1625	198	0.	11.1	2586.6	*	2	1225	438	1212.	114.9	2588.9	*	3	0825	678	21.	69.4
2588.8																		
1	1630	199	0.	12.6	2586.7	*	2	1230	439	1191.	114.1	2588.9	*	3	0830	679	20.	69.4
2588.8																		
1	1635	200	0.	14.4	2586.8	*	2	1235	440	1171.	113.3	2588.9	*	3	0835	680	20.	69.4
2588.8																		
1	1640	201	0.	16.3	2586.9	*	2	1240	441	1151.	112.6	2588.9	*	3	0840	681	19.	69.3
2588.8																		
1	1645	202	0.	18.5	2587.0	*	2	1245	442	1131.	111.8	2588.9	*	3	0845	682	19.	69.3
2588.8																		
1	1650	203	0.	21.0	2587.1	*	2	1250	443	1112.	111.1	2588.9	*	3	0850	683	18.	69.3
2588.8																		
1	1655	204	0.	23.9	2587.1	*	2	1255	444	1093.	110.4	2588.9	*	3	0855	684	18.	69.3
2588.8																		
1	1700	205	0.	27.2	2587.2	*	2	1300	445	1075.	109.7	2588.9	*	3	0900	685	18.	69.3
2588.8																		
1	1705	206	0.	30.9	2587.3	*	2	1305	446	1056.	109.0	2588.9	*	3	0905	686	17.	69.3
2588.8																		
1	1710	207	0.	35.1	2587.4	*	2	1310	447	1039.	108.3	2588.9	*	3	0910	687	17.	69.3
2588.8																		
1	1715	208	0.	39.7	2587.5	*	2	1315	448	1022.	107.6	2588.9	*	3	0915	688	17.	69.3
2588.8																		
1	1720	209	0.	44.7	2587.6	*	2	1320	449	1005.	107.0	2588.9	*	3	0920	689	17.	69.2
2588.8																		
1	1725	210	0.	50.0	2587.7	*	2	1325	450	989.	106.4	2588.9	*	3	0925	690	16.	69.2
2588.8																		
1	1730	211	0.	55.5	2587.9	*	2	1330	451	973.	105.8	2588.9	*	3	0930	691	16.	69.2
2588.8																		
1	1735	212	0.	61.2	2588.0	*	2	1335	452	957.	105.2	2588.9	*	3	0935	692	15.	69.2
2588.8																		
1	1740	213	0.	67.2	2588.6	*	2	1340	453	941.	104.6	2588.9	*	3	0940	693	14.	69.1
2588.8																		
1	1745	214	113.	72.9	2588.8	*	2	1345	454	926.	104.0	2588.9	*	3	0945	694	13.	69.1
2588.8																		
1	1750	215	248.	78.1	2588.8	*	2	1350	455	911.	103.4	2588.9	*	3	0950	695	13.	69.1
2588.8																		
1	1755	216	365.	82.5	2588.8	*	2	1355	456	896.	102.8	2588.9	*	3	0955	696	12.	69.1
2588.8																		
1	1800	217	468.	86.5	2588.8	*	2	1400	457	882.	102.3	2588.9	*	3	1000	697	12.	69.0
2588.8																		
1	1805	218	560.	90.0	2588.9	*	2	1405	458	868.	101.8	2588.9	*	3	1005	698	11.	69.0
2588.8																		
1	1810	219	642.	93.1	2588.9	*	2	1410	459	855.	101.3	2588.9	*	3	1010	699	11.	69.0
2588.8																		
1	1815	220	717.	96.0	2588.9	*	2	1415	460	841.	100.7	2588.9	*	3	1015	700	10.	69.0
2588.8																		
1	1820	221	785.	98.6	2588.9	*	2	1420	461	828.	100.2	2588.9	*	3	1020	701	10.	69.0
2588.8																		
1	1825	222	846.	100.9	2588.9	*	2	1425	462	816.	99.8	2588.9	*	3	1025	702	9.	69.0
2588.8																		
1	1830	223	903.	103.1	2588.9	*	2	1430	463	803.	99.3	2588.9	*	3	1030	703	9.	68.9
2588.8																		
1	1835	224	955.	105.1	2588.9	*	2	1435	464	792.	98.8	2588.9	*	3	1035	704	8.	68.9
2588.8																		
1	1840	225	1002.	106.9	2588.9	*	2	1440	465	780.	98.4	2588.9	*	3	1040	705	7.	68.9
2588.8																		
1	1845	226	1046.	108.6	2588.9	*	2	1445	466	769.	98.0	2588.9	*	3	1045	706	7.	68.9
2588.8																		
1	1850	227	1088.	110.2	2588.9	*	2	1450	467	759.	97.6	2588.9	*	3	1050	707	6.	68.8
2588.8																		
1	1855	228	1128.	111.7	2588.9	*	2	1455	468	749.	97.2	2588.9	*	3	1055	708	6.	68.8
2588.8																		
1	1900	229	1168.	113.2	2588.9	*	2	1500	469	739.	96.8	2588.9	*	3	1100	709	5.	68.8
2588.8																		
1	1905	230	1209.	114.8	2588.9	*	2	1505	470	729.	96.5	2588.9	*	3	1105	710	4.	68.8
2588.8																		

```
   1     1910 231    1249.    116.3  2588.9 *  2     1510 471     719.     96.1  2588.9 *  3     1110 711       4.     68.7
2588.8
   1     1915 232    1291.    117.9  2588.9 *  2     1515 472     708.     95.7  2588.9 *  3     1115 712       3.     68.7
2588.8
   1     1920 233    1331.    119.4  2588.9 *  2     1520 473     698.     95.3  2588.9 *  3     1120 713       3.     68.7
2588.8
   1     1925 234    1369.    120.9  2588.9 *  2     1525 474     688.     94.9  2588.9 *  3     1125 714       3.     68.7
2588.8
   1     1930 235    1406.    122.3  2588.9 *  2     1530 475     678.     94.5  2588.9 *  3     1130 715       2.     68.7
2588.8
   1     1935 236    1441.    123.7  2588.9 *  2     1535 476     669.     94.2  2588.9 *  3     1135 716       2.     68.7
2588.8
   1     1940 237    1477.    125.0  2588.9 *  2     1540 477     660.     93.8  2588.9 *  3     1140 717       2.     68.7
2588.8
   1     1945 238    1512.    126.4  2589.0 *  2     1545 478     650.     93.5  2588.9 *  3     1145 718       2.     68.7
2588.8
   1     1950 239    1551.    127.9  2589.0 *  2     1550 479     641.     93.1  2588.9 *  3     1150 719       1.     68.7
2588.8
   1     1955 240    1597.    129.6  2589.0 *  2     1555 480     632.     92.8  2588.9 *  3     1155 720       1.     68.6
2588.8
                                                 *                                            *

*************************************************************************************************************************
*

  PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                     6-HR       24-HR       72-HR     59.92-HR
+   (CFS)       (HR)
                          (CFS)
+   10747.     21.17      7530.       3535.       1456.        1456.
                      (INCHES)       .000        .000        .000         .000
                       (AC-FT)      3734.       7011.       7209.        7209.

 PEAK STORAGE   TIME                         MAXIMUM AVERAGE STORAGE
                                     6-HR       24-HR       72-HR     59.92-HR
+  (AC-FT)      (HR)
      195.     21.17                178.        141.         80.          80.

  PEAK STAGE    TIME                          MAXIMUM AVERAGE STAGE
                                     6-HR       24-HR       72-HR     59.92-HR
+   (FEET)      (HR)
   2589.41     21.17             2589.28     2589.06     2587.88      2587.88

                        CUMULATIVE AREA =     .00 SQ MI


*************************************************************************************************************************
*

                                                HYDROGRAPH AT STATION      PKB
                                                    PLAN 1,   RATIO =   .96

*************************************************************************************************************************
*
                                                 *                                            *
  DA MON HRMN ORD  OUTFLOW  STORAGE   STAGE * DA MON HRMN ORD  OUTFLOW  STORAGE   STAGE * DA MON HRMN ORD  OUTFLOW  STORAGE
STAGE
                                                 *                                            *
   1     0000   1       0.       .0  2585.0 *  1     2000 241    1650.    131.6  2589.0 *  2     1600 481     623.     92.4
2588.9
   1     0005   2       0.       .0  2585.0 *  1     2005 242    1774.    136.4  2589.0 *  2     1605 482     614.     92.1
2588.9
   1     0010   3       0.       .0  2585.0 *  1     2010 243    2162.    145.6  2589.0 *  2     1610 483     606.     91.7
2588.9
   1     0015   4       0.       .0  2585.0 *  1     2015 244    3572.    154.7  2589.1 *  2     1615 484     597.     91.4
2588.9
   1     0020   5       0.       .0  2585.0 *  1     2020 245    4714.    162.1  2589.1 *  2     1620 485     589.     91.1
2588.9
   1     0025   6       0.       .0  2585.0 *  1     2025 246    5887.    169.5  2589.2 *  2     1625 486     581.     90.8
2588.9
   1     0030   7       0.       .0  2585.0 *  1     2030 247    7176.    176.3  2589.3 *  2     1630 487     573.     90.5
2588.9
   1     0035   8       0.       .0  2585.0 *  1     2035 248    8081.    181.1  2589.3 *  2     1635 488     565.     90.2
2588.9
   1     0040   9       0.       .0  2585.0 *  1     2040 249    8632.    184.0  2589.3 *  2     1640 489     558.     89.9
2588.9
   1     0045  10       0.       .0  2585.0 *  1     2045 250    9107.    186.5  2589.3 *  2     1645 490     550.     89.6
2588.9
   1     0050  11       0.       .0  2585.0 *  1     2050 251    9558.    188.9  2589.4 *  2     1650 491     543.     89.3
2588.9
   1     0055  12       0.       .0  2585.0 *  1     2055 252    9994.    191.2  2589.4 *  2     1655 492     535.     89.1
2588.9
   1     0100  13       0.       .0  2585.0 *  1     2100 253   10428.    193.5  2589.4 *  2     1700 493     528.     88.8
2588.9
   1     0105  14       0.       .0  2585.0 *  1     2105 254   10729.    194.9  2589.4 *  2     1705 494     520.     88.5
2588.9
   1     0110  15       0.       .0  2585.0 *  1     2110 255   10747.    195.0  2589.4 *  2     1710 495     513.     88.2
2588.9
   1     0115  16       0.       .0  2585.0 *  1     2115 256   10646.    194.6  2589.4 *  2     1715 496     505.     87.9
2588.9
   1     0120  17       0.       .0  2585.0 *  1     2120 257   10506.    193.9  2589.4 *  2     1720 497     497.     87.6
2588.9
   1     0125  18       0.       .0  2585.0 *  1     2125 258   10350.    193.1  2589.4 *  2     1725 498     490.     87.3
2588.8
   1     0130  19       0.       .0  2585.0 *  1     2130 259   10178.    192.2  2589.4 *  2     1730 499     482.     87.0
2588.8
   1     0135  20       0.       .0  2585.0 *  1     2135 260   10006.    191.3  2589.4 *  2     1735 500     474.     86.7
2588.8
   1     0140  21       0.       .0  2585.0 *  1     2140 261    9837.    190.4  2589.4 *  2     1740 501     467.     86.4
2588.8
   1     0145  22       0.       .0  2585.0 *  1     2145 262    9669.    189.5  2589.4 *  2     1745 502     460.     86.2
2588.8
   1     0150  23       0.       .0  2585.0 *  1     2150 263    9500.    188.6  2589.4 *  2     1750 503     453.     85.9
2588.8
   1     0155  24       0.       .0  2585.0 *  1     2155 264    9329.    187.7  2589.4 *  2     1755 504     446.     85.7
2588.8
   1     0200  25       0.       .0  2585.0 *  1     2200 265    9158.    186.8  2589.3 *  2     1800 505     440.     85.4
2588.8
   1     0205  26       0.       .0  2585.0 *  1     2205 266    8991.    185.9  2589.3 *  2     1805 506     434.     85.2
2588.8
```

```
   1     0210  27        0.        .0  2585.0 *  1     2210 267    8827.    185.0  2589.3 *  2     1810 507     428.     85.0
2588.8
   1     0215  28        0.        .0  2585.0 *  1     2215 268    8664.    184.2  2589.3 *  2     1815 508     422.     84.7
2588.8
   1     0220  29        0.        .0  2585.0 *  1     2220 269    8509.    183.4  2589.3 *  2     1820 509     416.     84.5
2588.8
   1     0225  30        0.        .0  2585.0 *  1     2225 270    8364.    182.6  2589.3 *  2     1825 510     410.     84.3
2588.8
   1     0230  31        0.        .0  2585.0 *  1     2230 271    8222.    181.8  2589.3 *  2     1830 511     405.     84.1
2588.8
   1     0235  32        0.        .0  2585.0 *  1     2235 272    8090.    181.1  2589.3 *  2     1835 512     399.     83.8
2588.8
   1     0240  33        0.        .0  2585.0 *  1     2240 273    7971.    180.5  2589.3 *  2     1840 513     393.     83.6
2588.8
   1     0245  34        0.        .0  2585.0 *  1     2245 274    7854.    179.9  2589.3 *  2     1845 514     387.     83.4
2588.8
   1     0250  35        0.        .0  2585.0 *  1     2250 275    7744.    179.3  2589.3 *  2     1850 515     382.     83.2
2588.8
   1     0255  36        0.        .0  2585.0 *  1     2255 276    7643.    178.8  2589.3 *  2     1855 516     376.     83.0
2588.8
   1     0300  37        0.        .0  2585.0 *  1     2300 277    7543.    178.3  2589.3 *  2     1900 517     371.     82.8
2588.8
   1     0305  38        0.        .0  2585.0 *  1     2305 278    7450.    177.8  2589.3 *  2     1905 518     365.     82.5
2588.8
   1     0310  39        0.        .0  2585.0 *  1     2310 279    7362.    177.3  2589.3 *  2     1910 519     360.     82.3
2588.8
   1     0315  40        0.        .0  2585.0 *  1     2315 280    7276.    176.8  2589.3 *  2     1915 520     354.     82.1
2588.8
   1     0320  41        0.        .0  2585.0 *  1     2320 281    7196.    176.4  2589.3 *  2     1920 521     349.     81.9
2588.8
   1     0325  42        0.        .0  2585.0 *  1     2325 282    7123.    176.0  2589.3 *  2     1925 522     345.     81.8
2588.8
   1     0330  43        0.        .0  2585.0 *  1     2330 283    7051.    175.7  2589.3 *  2     1930 523     341.     81.6
2588.8
   1     0335  44        0.        .0  2585.0 *  1     2335 284    6983.    175.3  2589.3 *  2     1935 524     336.     81.5
2588.8
   1     0340  45        0.        .0  2585.0 *  1     2340 285    6919.    174.9  2589.3 *  2     1940 525     332.     81.3
2588.8
   1     0345  46        0.        .0  2585.0 *  1     2345 286    6855.    174.6  2589.2 *  2     1945 526     328.     81.1
2588.8
   1     0350  47        0.        .0  2585.0 *  1     2350 287    6795.    174.3  2589.2 *  2     1950 527     323.     81.0
2588.8
   1     0355  48        0.        .0  2585.0 *  1     2355 288    6740.    174.0  2589.2 *  2     1955 528     319.     80.8
2588.8
   1     0400  49        0.        .0  2585.0 *  2     0000 289    6686.    173.7  2589.2 *  2     2000 529     315.     80.6
2588.8
   1     0405  50        0.        .0  2585.0 *  2     0005 290    6632.    173.4  2589.2 *  2     2005 530     312.     80.5
2588.8
   1     0410  51        0.        .0  2585.0 *  2     0010 291    6578.    173.1  2589.2 *  2     2010 531     308.     80.4
2588.8
   1     0415  52        0.        .0  2585.0 *  2     0015 292    6525.    172.9  2589.2 *  2     2015 532     305.     80.2
2588.8
   1     0420  53        0.        .0  2585.0 *  2     0020 293    6472.    172.6  2589.2 *  2     2020 533     301.     80.1
2588.8
   1     0425  54        0.        .0  2585.0 *  2     0025 294    6421.    172.3  2589.2 *  2     2025 534     298.     80.0
2588.8
   1     0430  55        0.        .0  2585.0 *  2     0030 295    6371.    172.0  2589.2 *  2     2030 535     295.     79.9
2588.8
   1     0435  56        0.        .0  2585.0 *  2     0035 296    6323.    171.8  2589.2 *  2     2035 536     291.     79.7
2588.8
   1     0440  57        0.        .0  2585.0 *  2     0040 297    6279.    171.6  2589.2 *  2     2040 537     288.     79.6
2588.8
   1     0445  58        0.        .0  2585.0 *  2     0045 298    6237.    171.3  2589.2 *  2     2045 538     285.     79.5
2588.8
   1     0450  59        0.        .0  2585.0 *  2     0050 299    6196.    171.1  2589.2 *  2     2050 539     281.     79.4
2588.8
   1     0455  60        0.        .0  2585.0 *  2     0055 300    6158.    170.9  2589.2 *  2     2055 540     278.     79.2
2588.8
   1     0500  61        0.        .0  2585.0 *  2     0100 301    6120.    170.7  2589.2 *  2     2100 541     274.     79.1
2588.8
   1     0505  62        0.        .0  2585.0 *  2     0105 302    6083.    170.5  2589.2 *  2     2105 542     271.     79.0
2588.8
   1     0510  63        0.        .0  2585.0 *  2     0110 303    6048.    170.3  2589.2 *  2     2110 543     268.     78.8
2588.8
   1     0515  64        0.        .0  2585.0 *  2     0115 304    6014.    170.2  2589.2 *  2     2115 544     264.     78.7
2588.8
   1     0520  65        0.        .0  2585.0 *  2     0120 305    5979.    170.0  2589.2 *  2     2120 545     261.     78.6
2588.8
   1     0525  66        0.        .0  2585.0 *  2     0125 306    5945.    169.8  2589.2 *  2     2125 546     258.     78.5
2588.8
   1     0530  67        0.        .0  2585.0 *  2     0130 307    5911.    169.6  2589.2 *  2     2130 547     255.     78.3
2588.8
   1     0535  68        0.        .0  2585.0 *  2     0135 308    5879.    169.4  2589.2 *  2     2135 548     252.     78.2
2588.8
   1     0540  69        0.        .0  2585.0 *  2     0140 309    5849.    169.3  2589.2 *  2     2140 549     248.     78.1
2588.8
   1     0545  70        0.        .0  2585.0 *  2     0145 310    5821.    169.1  2589.2 *  2     2145 550     245.     77.9
2588.8
   1     0550  71        0.        .0  2585.0 *  2     0150 311    5794.    169.0  2589.2 *  2     2150 551     241.     77.8
2588.8
   1     0555  72        0.        .0  2585.0 *  2     0155 312    5768.    168.9  2589.2 *  2     2155 552     237.     77.7
2588.8
   1     0600  73        0.        .0  2585.0 *  2     0200 313    5744.    168.7  2589.2 *  2     2200 553     234.     77.5
2588.8
   1     0605  74        0.        .0  2585.0 *  2     0205 314    5720.    168.6  2589.2 *  2     2205 554     230.     77.4
2588.8
   1     0610  75        0.        .0  2585.0 *  2     0210 315    5699.    168.5  2589.2 *  2     2210 555     227.     77.3
2588.8
   1     0615  76        0.        .0  2585.0 *  2     0215 316    5678.    168.4  2589.2 *  2     2215 556     224.     77.1
2588.8
   1     0620  77        0.        .0  2585.0 *  2     0220 317    5659.    168.3  2589.2 *  2     2220 557     221.     77.0
2588.8
   1     0625  78        0.        .0  2585.0 *  2     0225 318    5638.    168.1  2589.2 *  2     2225 558     218.     76.9
2588.8
   1     0630  79        0.        .0  2585.0 *  2     0230 319    5617.    168.0  2589.2 *  2     2230 559     214.     76.8
2588.8
   1     0635  80        0.        .0  2585.0 *  2     0235 320    5595.    167.8  2589.2 *  2     2235 560     211.     76.7
2588.8
   1     0640  81        0.        .0  2585.0 *  2     0240 321    5571.    167.7  2589.2 *  2     2240 561     208.     76.5
2588.8
   1     0645  82        0.        .0  2585.0 *  2     0245 322    5547.    167.5  2589.2 *  2     2245 562     205.     76.4
2588.8
```

```
   1     0650  83        0.        .0  2585.0 *  2     0250 323    5526.    167.4  2589.2 *  2     2250 563     202.     76.3
2588.8
   1     0655  84        0.        .0  2585.0 *  2     0255 324    5509.    167.3  2589.2 *  2     2255 564     199.     76.2
2588.8
   1     0700  85        0.        .0  2585.0 *  2     0300 325    5493.    167.2  2589.2 *  2     2300 565     196.     76.1
2588.8
   1     0705  86        0.        .0  2585.0 *  2     0305 326    5474.    167.1  2589.2 *  2     2305 566     193.     76.0
2588.8
   1     0710  87        0.        .0  2585.0 *  2     0310 327    5452.    166.9  2589.2 *  2     2310 567     190.     75.8
2588.8
   1     0715  88        0.        .0  2585.0 *  2     0315 328    5429.    166.8  2589.2 *  2     2315 568     186.     75.7
2588.8
   1     0720  89        0.        .0  2585.0 *  2     0320 329    5406.    166.6  2589.2 *  2     2320 569     183.     75.6
2588.8
   1     0725  90        0.        .0  2585.0 *  2     0325 330    5384.    166.5  2589.2 *  2     2325 570     180.     75.5
2588.8
   1     0730  91        0.        .0  2585.0 *  2     0330 331    5362.    166.3  2589.2 *  2     2330 571     177.     75.3
2588.8
   1     0735  92        0.        .0  2585.0 *  2     0335 332    5339.    166.2  2589.2 *  2     2335 572     174.     75.2
2588.8
   1     0740  93        0.        .0  2585.0 *  2     0340 333    5316.    166.0  2589.2 *  2     2340 573     171.     75.1
2588.8
   1     0745  94        0.        .0  2585.0 *  2     0345 334    5293.    165.9  2589.2 *  2     2345 574     168.     75.0
2588.8
   1     0750  95        0.        .0  2585.0 *  2     0350 335    5266.    165.7  2589.2 *  2     2350 575     165.     74.9
2588.8
   1     0755  96        0.        .0  2585.0 *  2     0355 336    5236.    165.5  2589.2 *  2     2355 576     163.     74.8
2588.8
   1     0800  97        0.        .0  2585.0 *  2     0400 337    5205.    165.3  2589.2 *  3     0000 577     160.     74.7
2588.8
   1     0805  98        0.        .0  2585.0 *  2     0405 338    5169.    165.1  2589.2 *  3     0005 578     158.     74.6
2588.8
   1     0810  99        0.        .0  2585.0 *  2     0410 339    5128.    164.8  2589.2 *  3     0010 579     155.     74.5
2588.8
   1     0815 100        0.        .0  2585.0 *  2     0415 340    5086.    164.5  2589.2 *  3     0015 580     153.     74.4
2588.8
   1     0820 101        0.        .0  2585.0 *  2     0420 341    5041.    164.2  2589.2 *  3     0020 581     150.     74.3
2588.8
   1     0825 102        0.        .0  2585.0 *  2     0425 342    4994.    163.9  2589.2 *  3     0025 582     148.     74.2
2588.8
   1     0830 103        0.        .0  2585.0 *  2     0430 343    4947.    163.6  2589.2 *  3     0030 583     145.     74.2
2588.8
   1     0835 104        0.        .0  2585.0 *  2     0435 344    4896.    163.3  2589.2 *  3     0035 584     143.     74.1
2588.8
   1     0840 105        0.        .0  2585.0 *  2     0440 345    4841.    163.0  2589.2 *  3     0040 585     140.     74.0
2588.8
   1     0845 106        0.        .0  2585.0 *  2     0445 346    4786.    162.6  2589.2 *  3     0045 586     138.     73.9
2588.8
   1     0850 107        0.        .0  2585.0 *  2     0450 347    4728.    162.2  2589.1 *  3     0050 587     135.     73.8
2588.8
   1     0855 108        0.        .0  2585.0 *  2     0455 348    4668.    161.8  2589.1 *  3     0055 588     133.     73.7
2588.8
   1     0900 109        0.        .0  2585.0 *  2     0500 349    4607.    161.4  2589.1 *  3     0100 589     130.     73.6
2588.8
   1     0905 110        0.        .0  2585.0 *  2     0505 350    4543.    161.0  2589.1 *  3     0105 590     127.     73.5
2588.8
   1     0910 111        0.        .0  2585.0 *  2     0510 351    4477.    160.6  2589.1 *  3     0110 591     125.     73.4
2588.8
   1     0915 112        0.        .0  2585.0 *  2     0515 352    4409.    160.1  2589.1 *  3     0115 592     122.     73.3
2588.8
   1     0920 113        0.        .0  2585.0 *  2     0520 353    4340.    159.7  2589.1 *  3     0120 593     119.     73.2
2588.8
   1     0925 114        0.        .0  2585.0 *  2     0525 354    4269.    159.2  2589.1 *  3     0125 594     117.     73.1
2588.8
   1     0930 115        0.        .0  2585.0 *  2     0530 355    4197.    158.8  2589.1 *  3     0130 595     114.     72.9
2588.8
   1     0935 116        0.        .0  2585.0 *  2     0535 356    4126.    158.3  2589.1 *  3     0135 596     111.     72.8
2588.8
   1     0940 117        0.        .0  2585.0 *  2     0540 357    4056.    157.9  2589.1 *  3     0140 597     109.     72.8
2588.8
   1     0945 118        0.        .0  2585.0 *  2     0545 358    3986.    157.4  2589.1 *  3     0145 598     106.     72.7
2588.8
   1     0950 119        0.        .0  2585.0 *  2     0550 359    3917.    156.9  2589.1 *  3     0150 599     104.     72.6
2588.8
   1     0955 120        0.        .0  2585.0 *  2     0555 360    3850.    156.5  2589.1 *  3     0155 600     102.     72.5
2588.8
   1     1000 121        0.        .0  2585.0 *  2     0600 361    3783.    156.1  2589.1 *  3     0200 601      99.     72.4
2588.8
   1     1005 122        0.        .0  2585.0 *  2     0605 362    3715.    155.6  2589.1 *  3     0205 602      97.     72.3
2588.8
   1     1010 123        0.        .0  2585.0 *  2     0610 363    3648.    155.2  2589.1 *  3     0210 603      95.     72.2
2588.8
   1     1015 124        0.        .0  2585.0 *  2     0615 364    3580.    154.8  2589.1 *  3     0215 604      92.     72.1
2588.8
   1     1020 125        0.        .0  2585.0 *  2     0620 365    3513.    154.3  2589.1 *  3     0220 605      90.     72.0
2588.8
   1     1025 126        0.        .0  2585.0 *  2     0625 366    3449.    153.9  2589.1 *  3     0225 606      88.     72.0
2588.8
   1     1030 127        0.        .0  2585.0 *  2     0630 367    3385.    153.5  2589.1 *  3     0230 607      86.     71.9
2588.8
   1     1035 128        0.        .0  2585.0 *  2     0635 368    3323.    153.1  2589.1 *  3     0235 608      85.     71.8
2588.8
   1     1040 129        0.        .0  2585.0 *  2     0640 369    3263.    152.7  2589.1 *  3     0240 609      83.     71.8
2588.8
   1     1045 130        0.        .0  2585.0 *  2     0645 370    3203.    152.3  2589.1 *  3     0245 610      81.     71.7
2588.8
   1     1050 131        0.        .0  2585.0 *  2     0650 371    3145.    151.9  2589.1 *  3     0250 611      79.     71.6
2588.8
   1     1055 132        0.        .0  2585.0 *  2     0655 372    3090.    151.6  2589.1 *  3     0255 612      78.     71.6
2588.8
   1     1100 133        0.        .0  2585.0 *  2     0700 373    3036.    151.2  2589.1 *  3     0300 613      76.     71.5
2588.8
   1     1105 134        0.        .0  2585.0 *  2     0705 374    2984.    150.9  2589.1 *  3     0305 614      74.     71.4
2588.8
   1     1110 135        0.        .0  2585.0 *  2     0710 375    2935.    150.6  2589.1 *  3     0310 615      73.     71.4
2588.8
   1     1115 136        0.        .0  2585.0 *  2     0715 376    2888.    150.3  2589.0 *  3     0315 616      71.     71.3
2588.8
   1     1120 137        0.        .0  2585.0 *  2     0720 377    2841.    150.0  2589.0 *  3     0320 617      70.     71.3
2588.8
   1     1125 138        0.        .0  2585.0 *  2     0725 378    2794.    149.7  2589.0 *  3     0325 618      68.     71.2
2588.8
```

```
   1     1130 139       0.       .0  2585.0 *  2     0730 379    2747.    149.4  2589.0 *  3     0330 619      67.     71.2
2588.8
   1     1135 140       0.       .0  2585.0 *  2     0735 380    2703.    149.1  2589.0 *  3     0335 620      65.     71.1
2588.8
   1     1140 141       0.       .0  2585.0 *  2     0740 381    2664.    148.8  2589.0 *  3     0340 621      64.     71.1
2588.8
   1     1145 142       0.       .0  2585.0 *  2     0745 382    2626.    148.6  2589.0 *  3     0345 622      63.     71.0
2588.8
   1     1150 143       0.       .0  2585.0 *  2     0750 383    2588.    148.3  2589.0 *  3     0350 623      62.     71.0
2588.8
   1     1155 144       0.       .0  2585.0 *  2     0755 384    2550.    148.1  2589.0 *  3     0355 624      61.     70.9
2588.8
   1     1200 145       0.       .0  2585.0 *  2     0800 385    2511.    147.8  2589.0 *  3     0400 625      60.     70.9
2588.8
   1     1205 146       0.       .0  2585.0 *  2     0805 386    2473.    147.6  2589.0 *  3     0405 626      58.     70.8
2588.8
   1     1210 147       0.       .0  2585.0 *  2     0810 387    2434.    147.3  2589.0 *  3     0410 627      57.     70.8
2588.8
   1     1215 148       0.       .0  2585.0 *  2     0815 388    2395.    147.1  2589.0 *  3     0415 628      57.     70.8
2588.8
   1     1220 149       0.       .0  2585.0 *  2     0820 389    2358.    146.8  2589.0 *  3     0420 629      56.     70.7
2588.8
   1     1225 150       0.       .0  2585.0 *  2     0825 390    2324.    146.6  2589.0 *  3     0425 630      55.     70.7
2588.8
   1     1230 151       0.       .0  2585.0 *  2     0830 391    2291.    146.4  2589.0 *  3     0430 631      55.     70.7
2588.8
   1     1235 152       0.       .0  2585.0 *  2     0835 392    2259.    146.2  2589.0 *  3     0435 632      54.     70.7
2588.8
   1     1240 153       0.       .0  2585.0 *  2     0840 393    2227.    146.0  2589.0 *  3     0440 633      54.     70.6
2588.8
   1     1245 154       0.       .0  2585.0 *  2     0845 394    2195.    145.8  2589.0 *  3     0445 634      53.     70.6
2588.8
   1     1250 155       0.       .0  2585.0 *  2     0850 395    2164.    145.6  2589.0 *  3     0450 635      53.     70.6
2588.8
   1     1255 156       0.       .0  2585.0 *  2     0855 396    2134.    145.4  2589.0 *  3     0455 636      53.     70.6
2588.8
   1     1300 157       0.       .0  2585.0 *  2     0900 397    2104.    145.2  2589.0 *  3     0500 637      52.     70.6
2588.8
   1     1305 158       0.       .0  2585.0 *  2     0905 398    2075.    145.0  2589.0 *  3     0505 638      51.     70.6
2588.8
   1     1310 159       0.       .0  2585.0 *  2     0910 399    2047.    144.8  2589.0 *  3     0510 639      50.     70.5
2588.8
   1     1315 160       0.       .0  2585.0 *  2     0915 400    2019.    144.6  2589.0 *  3     0515 640      49.     70.5
2588.8
   1     1320 161       0.       .1  2585.1 *  2     0920 401    1991.    144.4  2589.0 *  3     0520 641      48.     70.4
2588.8
   1     1325 162       0.       .1  2585.1 *  2     0925 402    1979.    144.2  2589.0 *  3     0525 642      47.     70.4
2588.8
   1     1330 163       0.       .1  2585.2 *  2     0930 403    1970.    143.9  2589.0 *  3     0530 643      46.     70.4
2588.8
   1     1335 164       0.       .1  2585.2 *  2     0935 404    1958.    143.4  2589.0 *  3     0535 644      46.     70.3
2588.8
   1     1340 165       0.       .2  2585.3 *  2     0940 405    1943.    142.8  2589.0 *  3     0540 645      45.     70.3
2588.8
   1     1345 166       0.       .2  2585.3 *  2     0945 406    1927.    142.2  2589.0 *  3     0545 646      44.     70.3
2588.8
   1     1350 167       0.       .3  2585.4 *  2     0950 407    1908.    141.5  2589.0 *  3     0550 647      44.     70.3
2588.8
   1     1355 168       0.       .4  2585.5 *  2     0955 408    1888.    140.7  2589.0 *  3     0555 648      43.     70.2
2588.8
   1     1400 169       0.       .4  2585.6 *  2     1000 409    1867.    139.9  2589.0 *  3     0600 649      42.     70.2
2588.8
   1     1405 170       0.       .5  2585.8 *  2     1005 410    1845.    139.1  2589.0 *  3     0605 650      42.     70.2
2588.8
   1     1410 171       0.       .7  2585.9 *  2     1010 411    1822.    138.2  2589.0 *  3     0610 651      41.     70.2
2588.8
   1     1415 172       0.       .8  2586.0 *  2     1015 412    1799.    137.3  2589.0 *  3     0615 652      40.     70.1
2588.8
   1     1420 173       0.      1.0  2586.0 *  2     1020 413    1775.    136.4  2589.0 *  3     0620 653      39.     70.1
2588.8
   1     1425 174       0.      1.1  2586.0 *  2     1025 414    1752.    135.5  2589.0 *  3     0625 654      38.     70.1
2588.8
   1     1430 175       0.      1.3  2586.0 *  2     1030 415    1728.    134.6  2589.0 *  3     0630 655      38.     70.0
2588.8
   1     1435 176       0.      1.4  2586.0 *  2     1035 416    1704.    133.7  2589.0 *  3     0635 656      37.     70.0
2588.8
   1     1440 177       0.      1.6  2586.1 *  2     1040 417    1681.    132.8  2589.0 *  3     0640 657      36.     70.0
2588.8
   1     1445 178       0.      1.7  2586.1 *  2     1045 418    1657.    131.9  2589.0 *  3     0645 658      36.     70.0
2588.8
   1     1450 179       0.      1.9  2586.1 *  2     1050 419    1633.    131.0  2589.0 *  3     0650 659      35.     69.9
2588.8
   1     1455 180       0.      2.1  2586.1 *  2     1055 420    1610.    130.1  2589.0 *  3     0655 660      34.     69.9
2588.8
   1     1500 181       0.      2.3  2586.1 *  2     1100 421    1586.    129.2  2589.0 *  3     0700 661      34.     69.9
2588.8
   1     1505 182       0.      2.5  2586.1 *  2     1105 422    1563.    128.3  2589.0 *  3     0705 662      33.     69.9
2588.8
   1     1510 183       0.      2.7  2586.1 *  2     1110 423    1539.    127.4  2589.0 *  3     0710 663      32.     69.8
2588.8
   1     1515 184       0.      2.9  2586.1 *  2     1115 424    1516.    126.5  2589.0 *  3     0715 664      31.     69.8
2588.8
   1     1520 185       0.      3.2  2586.1 *  2     1120 425    1492.    125.6  2589.0 *  3     0720 665      30.     69.7
2588.8
   1     1525 186       0.      3.4  2586.2 *  2     1125 426    1469.    124.7  2588.9 *  3     0725 666      29.     69.7
2588.8
   1     1530 187       0.      3.7  2586.2 *  2     1130 427    1446.    123.8  2588.9 *  3     0730 667      28.     69.7
2588.8
   1     1535 188       0.      4.0  2586.2 *  2     1135 428    1423.    123.0  2588.9 *  3     0735 668      27.     69.6
2588.8
   1     1540 189       0.      4.3  2586.2 *  2     1140 429    1401.    122.1  2588.9 *  3     0740 669      26.     69.6
2588.8
   1     1545 190       0.      4.7  2586.2 *  2     1145 430    1379.    121.3  2588.9 *  3     0745 670      26.     69.6
2588.8
   1     1550 191       0.      5.1  2586.3 *  2     1150 431    1358.    120.5  2588.9 *  3     0750 671      25.     69.6
2588.8
   1     1555 192       0.      5.5  2586.3 *  2     1155 432    1337.    119.7  2588.9 *  3     0755 672      25.     69.5
2588.8
   1     1600 193       0.      6.1  2586.3 *  2     1200 433    1316.    118.9  2588.9 *  3     0800 673      24.     69.5
2588.8
   1     1605 194       0.      6.7  2586.4 *  2     1205 434    1296.    118.1  2588.9 *  3     0805 674      24.     69.5
2588.8
```

```
   1     1610 195       0.      7.6  2586.4 *  2     1210 435    1275.    117.3  2588.9 *  3     0810 675      23.     69.5
2588.8
   1     1615 196       0.      8.6  2586.5 *  2     1215 436    1254.    116.5  2588.9 *  3     0815 676      22.     69.5
2588.8
   1     1620 197       0.      9.8  2586.5 *  2     1220 437    1233.    115.7  2588.9 *  3     0820 677      22.     69.4
2588.8
   1     1625 198       0.     11.1  2586.6 *  2     1225 438    1212.    114.9  2588.9 *  3     0825 678      21.     69.4
2588.8
   1     1630 199       0.     12.6  2586.7 *  2     1230 439    1191.    114.1  2588.9 *  3     0830 679      20.     69.4
2588.8
   1     1635 200       0.     14.4  2586.8 *  2     1235 440    1171.    113.3  2588.9 *  3     0835 680      20.     69.4
2588.8
   1     1640 201       0.     16.3  2586.9 *  2     1240 441    1151.    112.6  2588.9 *  3     0840 681      19.     69.3
2588.8
   1     1645 202       0.     18.5  2587.0 *  2     1245 442    1131.    111.8  2588.9 *  3     0845 682      19.     69.3
2588.8
   1     1650 203       0.     21.0  2587.1 *  2     1250 443    1112.    111.1  2588.9 *  3     0850 683      18.     69.3
2588.8
   1     1655 204       0.     23.9  2587.1 *  2     1255 444    1093.    110.4  2588.9 *  3     0855 684      18.     69.3
2588.8
   1     1700 205       0.     27.2  2587.2 *  2     1300 445    1075.    109.7  2588.9 *  3     0900 685      18.     69.3
2588.8
   1     1705 206       0.     30.9  2587.3 *  2     1305 446    1056.    109.0  2588.9 *  3     0905 686      17.     69.3
2588.8
   1     1710 207       0.     35.1  2587.4 *  2     1310 447    1039.    108.3  2588.9 *  3     0910 687      17.     69.3
2588.8
   1     1715 208       0.     39.7  2587.5 *  2     1315 448    1022.    107.6  2588.9 *  3     0915 688      17.     69.3
2588.8
   1     1720 209       0.     44.7  2587.6 *  2     1320 449    1005.    107.0  2588.9 *  3     0920 689      17.     69.2
2588.8
   1     1725 210       0.     50.0  2587.7 *  2     1325 450     989.    106.4  2588.9 *  3     0925 690      16.     69.2
2588.8
   1     1730 211       0.     55.5  2587.9 *  2     1330 451     973.    105.8  2588.9 *  3     0930 691      16.     69.2
2588.8
   1     1735 212       0.     61.2  2588.0 *  2     1335 452     957.    105.2  2588.9 *  3     0935 692      15.     69.2
2588.8
   1     1740 213       0.     67.2  2588.6 *  2     1340 453     941.    104.6  2588.9 *  3     0940 693      14.     69.1
2588.8
   1     1745 214     113.     72.9  2588.8 *  2     1345 454     926.    104.0  2588.9 *  3     0945 694      13.     69.1
2588.8
   1     1750 215     248.     78.1  2588.8 *  2     1350 455     911.    103.4  2588.9 *  3     0950 695      13.     69.1
2588.8
   1     1755 216     365.     82.5  2588.8 *  2     1355 456     896.    102.8  2588.9 *  3     0955 696      12.     69.1
2588.8
   1     1800 217     468.     86.5  2588.8 *  2     1400 457     882.    102.3  2588.9 *  3     1000 697      12.     69.0
2588.8
   1     1805 218     560.     90.0  2588.9 *  2     1405 458     868.    101.8  2588.9 *  3     1005 698      11.     69.0
2588.8
   1     1810 219     642.     93.1  2588.9 *  2     1410 459     855.    101.3  2588.9 *  3     1010 699      11.     69.0
2588.8
   1     1815 220     717.     96.0  2588.9 *  2     1415 460     841.    100.7  2588.9 *  3     1015 700      10.     69.0
2588.8
   1     1820 221     785.     98.6  2588.9 *  2     1420 461     828.    100.2  2588.9 *  3     1020 701      10.     69.0
2588.8
   1     1825 222     846.    100.9  2588.9 *  2     1425 462     816.     99.8  2588.9 *  3     1025 702       9.     69.0
2588.8
   1     1830 223     903.    103.1  2588.9 *  2     1430 463     803.     99.3  2588.9 *  3     1030 703       9.     68.9
2588.8
   1     1835 224     955.    105.1  2588.9 *  2     1435 464     792.     98.8  2588.9 *  3     1035 704       8.     68.9
2588.8
   1     1840 225    1002.    106.9  2588.9 *  2     1440 465     780.     98.4  2588.9 *  3     1040 705       7.     68.9
2588.8
   1     1845 226    1046.    108.6  2588.9 *  2     1445 466     769.     98.0  2588.9 *  3     1045 706       7.     68.9
2588.8
   1     1850 227    1088.    110.2  2588.9 *  2     1450 467     759.     97.6  2588.9 *  3     1050 707       6.     68.8
2588.8
   1     1855 228    1128.    111.7  2588.9 *  2     1455 468     749.     97.2  2588.9 *  3     1055 708       6.     68.8
2588.8
   1     1900 229    1168.    113.2  2588.9 *  2     1500 469     739.     96.8  2588.9 *  3     1100 709       5.     68.8
2588.8
   1     1905 230    1209.    114.8  2588.9 *  2     1505 470     729.     96.5  2588.9 *  3     1105 710       4.     68.8
2588.8
   1     1910 231    1249.    116.3  2588.9 *  2     1510 471     719.     96.1  2588.9 *  3     1110 711       4.     68.7
2588.8
   1     1915 232    1291.    117.9  2588.9 *  2     1515 472     708.     95.7  2588.9 *  3     1115 712       3.     68.7
2588.8
   1     1920 233    1331.    119.4  2588.9 *  2     1520 473     698.     95.3  2588.9 *  3     1120 713       3.     68.7
2588.8
   1     1925 234    1369.    120.9  2588.9 *  2     1525 474     688.     94.9  2588.9 *  3     1125 714       3.     68.7
2588.8
   1     1930 235    1406.    122.3  2588.9 *  2     1530 475     678.     94.5  2588.9 *  3     1130 715       2.     68.7
2588.8
   1     1935 236    1441.    123.7  2588.9 *  2     1535 476     669.     94.2  2588.9 *  3     1135 716       2.     68.7
2588.8
   1     1940 237    1477.    125.0  2588.9 *  2     1540 477     660.     93.8  2588.9 *  3     1140 717       2.     68.7
2588.8
   1     1945 238    1512.    126.4  2589.0 *  2     1545 478     650.     93.5  2588.9 *  3     1145 718       2.     68.7
2588.8
   1     1950 239    1551.    127.9  2589.0 *  2     1550 479     641.     93.1  2588.9 *  3     1150 719       1.     68.7
2588.8
   1     1955 240    1597.    129.6  2589.0 *  2     1555 480     632.     92.8  2588.9 *  3     1155 720       1.     68.6
2588.8
                                                *                                                 *

*****************************************************************************************************************************
*

  PEAK FLOW     TIME                                MAXIMUM AVERAGE FLOW
                                          6-HR        24-HR        72-HR      59.92-HR
+   (CFS)       (HR)
                                  (CFS)
+   10747.     21.17                  7530.        3535.        1456.         1456.
                                (INCHES)     .000         .000         .000          .000
                                 (AC-FT)    3734.        7011.        7209.         7209.

 PEAK STORAGE   TIME                               MAXIMUM AVERAGE STORAGE
                                          6-HR        24-HR        72-HR      59.92-HR
+  (AC-FT)      (HR)
      195.     21.17                   178.         141.          80.           80.

  PEAK STAGE    TIME                               MAXIMUM AVERAGE STAGE
                                          6-HR        24-HR        72-HR      59.92-HR
```

```
+   (FEET)      (HR)
   2589.41     21.17               2589.28     2589.06     2587.88      2587.88

                         CUMULATIVE AREA =     .00 SQ MI


*****************************************************************************************************************************
*
                                                  HYDROGRAPH AT STATION      PKB
                                                      PLAN 1,   RATIO =   .95

*****************************************************************************************************************************
*
                                                 *                                                 *
  DA MON HRMN ORD  OUTFLOW  STORAGE   STAGE * DA MON HRMN ORD  OUTFLOW  STORAGE   STAGE * DA MON HRMN ORD  OUTFLOW  STORAGE
STAGE
                                                 *                                                 *
   1     0000   1       0.       .0  2585.0 *  1     2000 241    1650.    131.6  2589.0 *  2     1600 481     623.     92.4
2588.9
   1     0005   2       0.       .0  2585.0 *  1     2005 242    1774.    136.4  2589.0 *  2     1605 482     614.     92.1
2588.9
   1     0010   3       0.       .0  2585.0 *  1     2010 243    2162.    145.6  2589.0 *  2     1610 483     606.     91.7
2588.9
   1     0015   4       0.       .0  2585.0 *  1     2015 244    3572.    154.7  2589.1 *  2     1615 484     597.     91.4
2588.9
   1     0020   5       0.       .0  2585.0 *  1     2020 245    4714.    162.1  2589.1 *  2     1620 485     589.     91.1
2588.9
   1     0025   6       0.       .0  2585.0 *  1     2025 246    5887.    169.5  2589.2 *  2     1625 486     581.     90.8
2588.9
   1     0030   7       0.       .0  2585.0 *  1     2030 247    7176.    176.3  2589.3 *  2     1630 487     573.     90.5
2588.9
   1     0035   8       0.       .0  2585.0 *  1     2035 248    8081.    181.1  2589.3 *  2     1635 488     565.     90.2
2588.9
   1     0040   9       0.       .0  2585.0 *  1     2040 249    8632.    184.0  2589.3 *  2     1640 489     558.     89.9
2588.9
   1     0045  10       0.       .0  2585.0 *  1     2045 250    9107.    186.5  2589.3 *  2     1645 490     550.     89.6
2588.9
   1     0050  11       0.       .0  2585.0 *  1     2050 251    9558.    188.9  2589.4 *  2     1650 491     543.     89.3
2588.9
   1     0055  12       0.       .0  2585.0 *  1     2055 252    9994.    191.2  2589.4 *  2     1655 492     535.     89.1
2588.9
   1     0100  13       0.       .0  2585.0 *  1     2100 253   10428.    193.5  2589.4 *  2     1700 493     528.     88.8
2588.9
   1     0105  14       0.       .0  2585.0 *  1     2105 254   10729.    194.9  2589.4 *  2     1705 494     520.     88.5
2588.9
   1     0110  15       0.       .0  2585.0 *  1     2110 255   10747.    195.0  2589.4 *  2     1710 495     513.     88.2
2588.9
   1     0115  16       0.       .0  2585.0 *  1     2115 256   10646.    194.6  2589.4 *  2     1715 496     505.     87.9
2588.9
   1     0120  17       0.       .0  2585.0 *  1     2120 257   10506.    193.9  2589.4 *  2     1720 497     497.     87.6
2588.9
   1     0125  18       0.       .0  2585.0 *  1     2125 258   10350.    193.1  2589.4 *  2     1725 498     490.     87.3
2588.8
   1     0130  19       0.       .0  2585.0 *  1     2130 259   10178.    192.2  2589.4 *  2     1730 499     482.     87.0
2588.8
   1     0135  20       0.       .0  2585.0 *  1     2135 260   10006.    191.3  2589.4 *  2     1735 500     474.     86.7
2588.8
   1     0140  21       0.       .0  2585.0 *  1     2140 261    9837.    190.4  2589.4 *  2     1740 501     467.     86.4
2588.8
   1     0145  22       0.       .0  2585.0 *  1     2145 262    9669.    189.5  2589.4 *  2     1745 502     460.     86.2
2588.8
   1     0150  23       0.       .0  2585.0 *  1     2150 263    9500.    188.6  2589.4 *  2     1750 503     453.     85.9
2588.8
   1     0155  24       0.       .0  2585.0 *  1     2155 264    9329.    187.7  2589.4 *  2     1755 504     446.     85.7
2588.8
   1     0200  25       0.       .0  2585.0 *  1     2200 265    9158.    186.8  2589.3 *  2     1800 505     440.     85.4
2588.8
   1     0205  26       0.       .0  2585.0 *  1     2205 266    8991.    185.9  2589.3 *  2     1805 506     434.     85.2
2588.8
   1     0210  27       0.       .0  2585.0 *  1     2210 267    8827.    185.0  2589.3 *  2     1810 507     428.     85.0
2588.8
   1     0215  28       0.       .0  2585.0 *  1     2215 268    8664.    184.2  2589.3 *  2     1815 508     422.     84.7
2588.8
   1     0220  29       0.       .0  2585.0 *  1     2220 269    8509.    183.4  2589.3 *  2     1820 509     416.     84.5
2588.8
   1     0225  30       0.       .0  2585.0 *  1     2225 270    8364.    182.6  2589.3 *  2     1825 510     410.     84.3
2588.8
   1     0230  31       0.       .0  2585.0 *  1     2230 271    8222.    181.8  2589.3 *  2     1830 511     405.     84.1
2588.8
   1     0235  32       0.       .0  2585.0 *  1     2235 272    8090.    181.1  2589.3 *  2     1835 512     399.     83.8
2588.8
   1     0240  33       0.       .0  2585.0 *  1     2240 273    7971.    180.5  2589.3 *  2     1840 513     393.     83.6
2588.8
   1     0245  34       0.       .0  2585.0 *  1     2245 274    7854.    179.9  2589.3 *  2     1845 514     387.     83.4
2588.8
   1     0250  35       0.       .0  2585.0 *  1     2250 275    7744.    179.3  2589.3 *  2     1850 515     382.     83.2
2588.8
   1     0255  36       0.       .0  2585.0 *  1     2255 276    7643.    178.8  2589.3 *  2     1855 516     376.     83.0
2588.8
   1     0300  37       0.       .0  2585.0 *  1     2300 277    7543.    178.3  2589.3 *  2     1900 517     371.     82.8
2588.8
   1     0305  38       0.       .0  2585.0 *  1     2305 278    7450.    177.8  2589.3 *  2     1905 518     365.     82.5
2588.8
   1     0310  39       0.       .0  2585.0 *  1     2310 279    7362.    177.3  2589.3 *  2     1910 519     360.     82.3
2588.8
   1     0315  40       0.       .0  2585.0 *  1     2315 280    7276.    176.8  2589.3 *  2     1915 520     354.     82.1
2588.8
   1     0320  41       0.       .0  2585.0 *  1     2320 281    7196.    176.4  2589.3 *  2     1920 521     349.     81.9
2588.8
   1     0325  42       0.       .0  2585.0 *  1     2325 282    7123.    176.0  2589.3 *  2     1925 522     345.     81.8
2588.8
   1     0330  43       0.       .0  2585.0 *  1     2330 283    7051.    175.7  2589.3 *  2     1930 523     341.     81.6
2588.8
   1     0335  44       0.       .0  2585.0 *  1     2335 284    6983.    175.3  2589.3 *  2     1935 524     336.     81.5
2588.8
   1     0340  45       0.       .0  2585.0 *  1     2340 285    6919.    174.9  2589.3 *  2     1940 525     332.     81.3
2588.8
   1     0345  46       0.       .0  2585.0 *  1     2345 286    6855.    174.6  2589.2 *  2     1945 526     328.     81.1
2588.8
```

```
   1     0350  47       0.       .0  2585.0 *  1     2350 287    6795.    174.3  2589.2 *  2     1950 527     323.     81.0
2588.8
   1     0355  48       0.       .0  2585.0 *  1     2355 288    6740.    174.0  2589.2 *  2     1955 528     319.     80.8
2588.8
   1     0400  49       0.       .0  2585.0 *  2     0000 289    6686.    173.7  2589.2 *  2     2000 529     315.     80.6
2588.8
   1     0405  50       0.       .0  2585.0 *  2     0005 290    6632.    173.4  2589.2 *  2     2005 530     312.     80.5
2588.8
   1     0410  51       0.       .0  2585.0 *  2     0010 291    6578.    173.1  2589.2 *  2     2010 531     308.     80.4
2588.8
   1     0415  52       0.       .0  2585.0 *  2     0015 292    6525.    172.9  2589.2 *  2     2015 532     305.     80.2
2588.8
   1     0420  53       0.       .0  2585.0 *  2     0020 293    6472.    172.6  2589.2 *  2     2020 533     301.     80.1
2588.8
   1     0425  54       0.       .0  2585.0 *  2     0025 294    6421.    172.3  2589.2 *  2     2025 534     298.     80.0
2588.8
   1     0430  55       0.       .0  2585.0 *  2     0030 295    6371.    172.0  2589.2 *  2     2030 535     295.     79.9
2588.8
   1     0435  56       0.       .0  2585.0 *  2     0035 296    6323.    171.8  2589.2 *  2     2035 536     291.     79.7
2588.8
   1     0440  57       0.       .0  2585.0 *  2     0040 297    6279.    171.6  2589.2 *  2     2040 537     288.     79.6
2588.8
   1     0445  58       0.       .0  2585.0 *  2     0045 298    6237.    171.3  2589.2 *  2     2045 538     285.     79.5
2588.8
   1     0450  59       0.       .0  2585.0 *  2     0050 299    6196.    171.1  2589.2 *  2     2050 539     281.     79.4
2588.8
   1     0455  60       0.       .0  2585.0 *  2     0055 300    6158.    170.9  2589.2 *  2     2055 540     278.     79.2
2588.8
   1     0500  61       0.       .0  2585.0 *  2     0100 301    6120.    170.7  2589.2 *  2     2100 541     274.     79.1
2588.8
   1     0505  62       0.       .0  2585.0 *  2     0105 302    6083.    170.5  2589.2 *  2     2105 542     271.     79.0
2588.8
   1     0510  63       0.       .0  2585.0 *  2     0110 303    6048.    170.3  2589.2 *  2     2110 543     268.     78.8
2588.8
   1     0515  64       0.       .0  2585.0 *  2     0115 304    6014.    170.2  2589.2 *  2     2115 544     264.     78.7
2588.8
   1     0520  65       0.       .0  2585.0 *  2     0120 305    5979.    170.0  2589.2 *  2     2120 545     261.     78.6
2588.8
   1     0525  66       0.       .0  2585.0 *  2     0125 306    5945.    169.8  2589.2 *  2     2125 546     258.     78.5
2588.8
   1     0530  67       0.       .0  2585.0 *  2     0130 307    5911.    169.6  2589.2 *  2     2130 547     255.     78.3
2588.8
   1     0535  68       0.       .0  2585.0 *  2     0135 308    5879.    169.4  2589.2 *  2     2135 548     252.     78.2
2588.8
   1     0540  69       0.       .0  2585.0 *  2     0140 309    5849.    169.3  2589.2 *  2     2140 549     248.     78.1
2588.8
   1     0545  70       0.       .0  2585.0 *  2     0145 310    5821.    169.1  2589.2 *  2     2145 550     245.     77.9
2588.8
   1     0550  71       0.       .0  2585.0 *  2     0150 311    5794.    169.0  2589.2 *  2     2150 551     241.     77.8
2588.8
   1     0555  72       0.       .0  2585.0 *  2     0155 312    5768.    168.9  2589.2 *  2     2155 552     237.     77.7
2588.8
   1     0600  73       0.       .0  2585.0 *  2     0200 313    5744.    168.7  2589.2 *  2     2200 553     234.     77.5
2588.8
   1     0605  74       0.       .0  2585.0 *  2     0205 314    5720.    168.6  2589.2 *  2     2205 554     230.     77.4
2588.8
   1     0610  75       0.       .0  2585.0 *  2     0210 315    5699.    168.5  2589.2 *  2     2210 555     227.     77.3
2588.8
   1     0615  76       0.       .0  2585.0 *  2     0215 316    5678.    168.4  2589.2 *  2     2215 556     224.     77.1
2588.8
   1     0620  77       0.       .0  2585.0 *  2     0220 317    5659.    168.3  2589.2 *  2     2220 557     221.     77.0
2588.8
   1     0625  78       0.       .0  2585.0 *  2     0225 318    5638.    168.1  2589.2 *  2     2225 558     218.     76.9
2588.8
   1     0630  79       0.       .0  2585.0 *  2     0230 319    5617.    168.0  2589.2 *  2     2230 559     214.     76.8
2588.8
   1     0635  80       0.       .0  2585.0 *  2     0235 320    5595.    167.8  2589.2 *  2     2235 560     211.     76.7
2588.8
   1     0640  81       0.       .0  2585.0 *  2     0240 321    5571.    167.7  2589.2 *  2     2240 561     208.     76.5
2588.8
   1     0645  82       0.       .0  2585.0 *  2     0245 322    5547.    167.5  2589.2 *  2     2245 562     205.     76.4
2588.8
   1     0650  83       0.       .0  2585.0 *  2     0250 323    5526.    167.4  2589.2 *  2     2250 563     202.     76.3
2588.8
   1     0655  84       0.       .0  2585.0 *  2     0255 324    5509.    167.3  2589.2 *  2     2255 564     199.     76.2
2588.8
   1     0700  85       0.       .0  2585.0 *  2     0300 325    5493.    167.2  2589.2 *  2     2300 565     196.     76.1
2588.8
   1     0705  86       0.       .0  2585.0 *  2     0305 326    5474.    167.1  2589.2 *  2     2305 566     193.     76.0
2588.8
   1     0710  87       0.       .0  2585.0 *  2     0310 327    5452.    166.9  2589.2 *  2     2310 567     190.     75.8
2588.8
   1     0715  88       0.       .0  2585.0 *  2     0315 328    5429.    166.8  2589.2 *  2     2315 568     186.     75.7
2588.8
   1     0720  89       0.       .0  2585.0 *  2     0320 329    5406.    166.6  2589.2 *  2     2320 569     183.     75.6
2588.8
   1     0725  90       0.       .0  2585.0 *  2     0325 330    5384.    166.5  2589.2 *  2     2325 570     180.     75.5
2588.8
   1     0730  91       0.       .0  2585.0 *  2     0330 331    5362.    166.3  2589.2 *  2     2330 571     177.     75.3
2588.8
   1     0735  92       0.       .0  2585.0 *  2     0335 332    5339.    166.2  2589.2 *  2     2335 572     174.     75.2
2588.8
   1     0740  93       0.       .0  2585.0 *  2     0340 333    5316.    166.0  2589.2 *  2     2340 573     171.     75.1
2588.8
   1     0745  94       0.       .0  2585.0 *  2     0345 334    5293.    165.9  2589.2 *  2     2345 574     168.     75.0
2588.8
   1     0750  95       0.       .0  2585.0 *  2     0350 335    5266.    165.7  2589.2 *  2     2350 575     165.     74.9
2588.8
   1     0755  96       0.       .0  2585.0 *  2     0355 336    5236.    165.5  2589.2 *  2     2355 576     163.     74.8
2588.8
   1     0800  97       0.       .0  2585.0 *  2     0400 337    5205.    165.3  2589.2 *  3     0000 577     160.     74.7
2588.8
   1     0805  98       0.       .0  2585.0 *  2     0405 338    5169.    165.1  2589.2 *  3     0005 578     158.     74.6
2588.8
   1     0810  99       0.       .0  2585.0 *  2     0410 339    5128.    164.8  2589.2 *  3     0010 579     155.     74.5
2588.8
   1     0815 100       0.       .0  2585.0 *  2     0415 340    5086.    164.5  2589.2 *  3     0015 580     153.     74.4
2588.8
   1     0820 101       0.       .0  2585.0 *  2     0420 341    5041.    164.2  2589.2 *  3     0020 581     150.     74.3
2588.8
   1     0825 102       0.       .0  2585.0 *  2     0425 342    4994.    163.9  2589.2 *  3     0025 582     148.     74.2
2588.8
```

```
   1     0830 103       0.       .0  2585.0 *  2     0430 343    4947.    163.6  2589.2 *  3     0030 583     145.     74.2
2588.8
   1     0835 104       0.       .0  2585.0 *  2     0435 344    4896.    163.3  2589.2 *  3     0035 584     143.     74.1
2588.8
   1     0840 105       0.       .0  2585.0 *  2     0440 345    4841.    163.0  2589.2 *  3     0040 585     140.     74.0
2588.8
   1     0845 106       0.       .0  2585.0 *  2     0445 346    4786.    162.6  2589.2 *  3     0045 586     138.     73.9
2588.8
   1     0850 107       0.       .0  2585.0 *  2     0450 347    4728.    162.2  2589.1 *  3     0050 587     135.     73.8
2588.8
   1     0855 108       0.       .0  2585.0 *  2     0455 348    4668.    161.8  2589.1 *  3     0055 588     133.     73.7
2588.8
   1     0900 109       0.       .0  2585.0 *  2     0500 349    4607.    161.4  2589.1 *  3     0100 589     130.     73.6
2588.8
   1     0905 110       0.       .0  2585.0 *  2     0505 350    4543.    161.0  2589.1 *  3     0105 590     127.     73.5
2588.8
   1     0910 111       0.       .0  2585.0 *  2     0510 351    4477.    160.6  2589.1 *  3     0110 591     125.     73.4
2588.8
   1     0915 112       0.       .0  2585.0 *  2     0515 352    4409.    160.1  2589.1 *  3     0115 592     122.     73.3
2588.8
   1     0920 113       0.       .0  2585.0 *  2     0520 353    4340.    159.7  2589.1 *  3     0120 593     119.     73.2
2588.8
   1     0925 114       0.       .0  2585.0 *  2     0525 354    4269.    159.2  2589.1 *  3     0125 594     117.     73.1
2588.8
   1     0930 115       0.       .0  2585.0 *  2     0530 355    4197.    158.8  2589.1 *  3     0130 595     114.     72.9
2588.8
   1     0935 116       0.       .0  2585.0 *  2     0535 356    4126.    158.3  2589.1 *  3     0135 596     111.     72.8
2588.8
   1     0940 117       0.       .0  2585.0 *  2     0540 357    4056.    157.9  2589.1 *  3     0140 597     109.     72.8
2588.8
   1     0945 118       0.       .0  2585.0 *  2     0545 358    3986.    157.4  2589.1 *  3     0145 598     106.     72.7
2588.8
   1     0950 119       0.       .0  2585.0 *  2     0550 359    3917.    156.9  2589.1 *  3     0150 599     104.     72.6
2588.8
   1     0955 120       0.       .0  2585.0 *  2     0555 360    3850.    156.5  2589.1 *  3     0155 600     102.     72.5
2588.8
   1     1000 121       0.       .0  2585.0 *  2     0600 361    3783.    156.1  2589.1 *  3     0200 601      99.     72.4
2588.8
   1     1005 122       0.       .0  2585.0 *  2     0605 362    3715.    155.6  2589.1 *  3     0205 602      97.     72.3
2588.8
   1     1010 123       0.       .0  2585.0 *  2     0610 363    3648.    155.2  2589.1 *  3     0210 603      95.     72.2
2588.8
   1     1015 124       0.       .0  2585.0 *  2     0615 364    3580.    154.8  2589.1 *  3     0215 604      92.     72.1
2588.8
   1     1020 125       0.       .0  2585.0 *  2     0620 365    3513.    154.3  2589.1 *  3     0220 605      90.     72.0
2588.8
   1     1025 126       0.       .0  2585.0 *  2     0625 366    3449.    153.9  2589.1 *  3     0225 606      88.     72.0
2588.8
   1     1030 127       0.       .0  2585.0 *  2     0630 367    3385.    153.5  2589.1 *  3     0230 607      86.     71.9
2588.8
   1     1035 128       0.       .0  2585.0 *  2     0635 368    3323.    153.1  2589.1 *  3     0235 608      85.     71.8
2588.8
   1     1040 129       0.       .0  2585.0 *  2     0640 369    3263.    152.7  2589.1 *  3     0240 609      83.     71.8
2588.8
   1     1045 130       0.       .0  2585.0 *  2     0645 370    3203.    152.3  2589.1 *  3     0245 610      81.     71.7
2588.8
   1     1050 131       0.       .0  2585.0 *  2     0650 371    3145.    151.9  2589.1 *  3     0250 611      79.     71.6
2588.8
   1     1055 132       0.       .0  2585.0 *  2     0655 372    3090.    151.6  2589.1 *  3     0255 612      78.     71.6
2588.8
   1     1100 133       0.       .0  2585.0 *  2     0700 373    3036.    151.2  2589.1 *  3     0300 613      76.     71.5
2588.8
   1     1105 134       0.       .0  2585.0 *  2     0705 374    2984.    150.9  2589.1 *  3     0305 614      74.     71.4
2588.8
   1     1110 135       0.       .0  2585.0 *  2     0710 375    2935.    150.6  2589.1 *  3     0310 615      73.     71.4
2588.8
   1     1115 136       0.       .0  2585.0 *  2     0715 376    2888.    150.3  2589.0 *  3     0315 616      71.     71.3
2588.8
   1     1120 137       0.       .0  2585.0 *  2     0720 377    2841.    150.0  2589.0 *  3     0320 617      70.     71.3
2588.8
   1     1125 138       0.       .0  2585.0 *  2     0725 378    2794.    149.7  2589.0 *  3     0325 618      68.     71.2
2588.8
   1     1130 139       0.       .0  2585.0 *  2     0730 379    2747.    149.4  2589.0 *  3     0330 619      67.     71.2
2588.8
   1     1135 140       0.       .0  2585.0 *  2     0735 380    2703.    149.1  2589.0 *  3     0335 620      65.     71.1
2588.8
   1     1140 141       0.       .0  2585.0 *  2     0740 381    2664.    148.8  2589.0 *  3     0340 621      64.     71.1
2588.8
   1     1145 142       0.       .0  2585.0 *  2     0745 382    2626.    148.6  2589.0 *  3     0345 622      63.     71.0
2588.8
   1     1150 143       0.       .0  2585.0 *  2     0750 383    2588.    148.3  2589.0 *  3     0350 623      62.     71.0
2588.8
   1     1155 144       0.       .0  2585.0 *  2     0755 384    2550.    148.1  2589.0 *  3     0355 624      61.     70.9
2588.8
   1     1200 145       0.       .0  2585.0 *  2     0800 385    2511.    147.8  2589.0 *  3     0400 625      60.     70.9
2588.8
   1     1205 146       0.       .0  2585.0 *  2     0805 386    2473.    147.6  2589.0 *  3     0405 626      58.     70.8
2588.8
   1     1210 147       0.       .0  2585.0 *  2     0810 387    2434.    147.3  2589.0 *  3     0410 627      57.     70.8
2588.8
   1     1215 148       0.       .0  2585.0 *  2     0815 388    2395.    147.1  2589.0 *  3     0415 628      57.     70.8
2588.8
   1     1220 149       0.       .0  2585.0 *  2     0820 389    2358.    146.8  2589.0 *  3     0420 629      56.     70.7
2588.8
   1     1225 150       0.       .0  2585.0 *  2     0825 390    2324.    146.6  2589.0 *  3     0425 630      55.     70.7
2588.8
   1     1230 151       0.       .0  2585.0 *  2     0830 391    2291.    146.4  2589.0 *  3     0430 631      55.     70.7
2588.8
   1     1235 152       0.       .0  2585.0 *  2     0835 392    2259.    146.2  2589.0 *  3     0435 632      54.     70.7
2588.8
   1     1240 153       0.       .0  2585.0 *  2     0840 393    2227.    146.0  2589.0 *  3     0440 633      54.     70.6
2588.8
   1     1245 154       0.       .0  2585.0 *  2     0845 394    2195.    145.8  2589.0 *  3     0445 634      53.     70.6
2588.8
   1     1250 155       0.       .0  2585.0 *  2     0850 395    2164.    145.6  2589.0 *  3     0450 635      53.     70.6
2588.8
   1     1255 156       0.       .0  2585.0 *  2     0855 396    2134.    145.4  2589.0 *  3     0455 636      53.     70.6
2588.8
   1     1300 157       0.       .0  2585.0 *  2     0900 397    2104.    145.2  2589.0 *  3     0500 637      52.     70.6
2588.8
   1     1305 158       0.       .0  2585.0 *  2     0905 398    2075.    145.0  2589.0 *  3     0505 638      51.     70.6
2588.8
```

1	1310	159	0.	.0	2585.0	*	2	0910	399	2047.	144.8	2589.0	*	3	0510	639	50.	70.5
2588.8																		
1	1315	160	0.	.0	2585.0	*	2	0915	400	2019.	144.6	2589.0	*	3	0515	640	49.	70.5
2588.8																		
1	1320	161	0.	.1	2585.1	*	2	0920	401	1991.	144.4	2589.0	*	3	0520	641	48.	70.4
2588.8																		
1	1325	162	0.	.1	2585.1	*	2	0925	402	1979.	144.2	2589.0	*	3	0525	642	47.	70.4
2588.8																		
1	1330	163	0.	.1	2585.2	*	2	0930	403	1970.	143.9	2589.0	*	3	0530	643	46.	70.4
2588.8																		
1	1335	164	0.	.1	2585.2	*	2	0935	404	1958.	143.4	2589.0	*	3	0535	644	46.	70.3
2588.8																		
1	1340	165	0.	.2	2585.3	*	2	0940	405	1943.	142.8	2589.0	*	3	0540	645	45.	70.3
2588.8																		
1	1345	166	0.	.2	2585.3	*	2	0945	406	1927.	142.2	2589.0	*	3	0545	646	44.	70.3
2588.8																		
1	1350	167	0.	.3	2585.4	*	2	0950	407	1908.	141.5	2589.0	*	3	0550	647	44.	70.3
2588.8																		
1	1355	168	0.	.4	2585.5	*	2	0955	408	1888.	140.7	2589.0	*	3	0555	648	43.	70.2
2588.8																		
1	1400	169	0.	.4	2585.6	*	2	1000	409	1867.	139.9	2589.0	*	3	0600	649	42.	70.2
2588.8																		
1	1405	170	0.	.5	2585.8	*	2	1005	410	1845.	139.1	2589.0	*	3	0605	650	42.	70.2
2588.8																		
1	1410	171	0.	.7	2585.9	*	2	1010	411	1822.	138.2	2589.0	*	3	0610	651	41.	70.2
2588.8																		
1	1415	172	0.	.8	2586.0	*	2	1015	412	1799.	137.3	2589.0	*	3	0615	652	40.	70.1
2588.8																		
1	1420	173	0.	1.0	2586.0	*	2	1020	413	1775.	136.4	2589.0	*	3	0620	653	39.	70.1
2588.8																		
1	1425	174	0.	1.1	2586.0	*	2	1025	414	1752.	135.5	2589.0	*	3	0625	654	38.	70.1
2588.8																		
1	1430	175	0.	1.3	2586.0	*	2	1030	415	1728.	134.6	2589.0	*	3	0630	655	38.	70.0
2588.8																		
1	1435	176	0.	1.4	2586.0	*	2	1035	416	1704.	133.7	2589.0	*	3	0635	656	37.	70.0
2588.8																		
1	1440	177	0.	1.6	2586.1	*	2	1040	417	1681.	132.8	2589.0	*	3	0640	657	36.	70.0
2588.8																		
1	1445	178	0.	1.7	2586.1	*	2	1045	418	1657.	131.9	2589.0	*	3	0645	658	36.	70.0
2588.8																		
1	1450	179	0.	1.9	2586.1	*	2	1050	419	1633.	131.0	2589.0	*	3	0650	659	35.	69.9
2588.8																		
1	1455	180	0.	2.1	2586.1	*	2	1055	420	1610.	130.1	2589.0	*	3	0655	660	34.	69.9
2588.8																		
1	1500	181	0.	2.3	2586.1	*	2	1100	421	1586.	129.2	2589.0	*	3	0700	661	34.	69.9
2588.8																		
1	1505	182	0.	2.5	2586.1	*	2	1105	422	1563.	128.3	2589.0	*	3	0705	662	33.	69.9
2588.8																		
1	1510	183	0.	2.7	2586.1	*	2	1110	423	1539.	127.4	2589.0	*	3	0710	663	32.	69.8
2588.8																		
1	1515	184	0.	2.9	2586.1	*	2	1115	424	1516.	126.5	2589.0	*	3	0715	664	31.	69.8
2588.8																		
1	1520	185	0.	3.2	2586.1	*	2	1120	425	1492.	125.6	2589.0	*	3	0720	665	30.	69.7
2588.8																		
1	1525	186	0.	3.4	2586.2	*	2	1125	426	1469.	124.7	2588.9	*	3	0725	666	29.	69.7
2588.8																		
1	1530	187	0.	3.7	2586.2	*	2	1130	427	1446.	123.8	2588.9	*	3	0730	667	28.	69.7
2588.8																		
1	1535	188	0.	4.0	2586.2	*	2	1135	428	1423.	123.0	2588.9	*	3	0735	668	27.	69.6
2588.8																		
1	1540	189	0.	4.3	2586.2	*	2	1140	429	1401.	122.1	2588.9	*	3	0740	669	26.	69.6
2588.8																		
1	1545	190	0.	4.7	2586.2	*	2	1145	430	1379.	121.3	2588.9	*	3	0745	670	26.	69.6
2588.8																		
1	1550	191	0.	5.1	2586.3	*	2	1150	431	1358.	120.5	2588.9	*	3	0750	671	25.	69.6
2588.8																		
1	1555	192	0.	5.5	2586.3	*	2	1155	432	1337.	119.7	2588.9	*	3	0755	672	25.	69.5
2588.8																		
1	1600	193	0.	6.1	2586.3	*	2	1200	433	1316.	118.9	2588.9	*	3	0800	673	24.	69.5
2588.8																		
1	1605	194	0.	6.7	2586.4	*	2	1205	434	1296.	118.1	2588.9	*	3	0805	674	24.	69.5
2588.8																		
1	1610	195	0.	7.6	2586.4	*	2	1210	435	1275.	117.3	2588.9	*	3	0810	675	23.	69.5
2588.8																		
1	1615	196	0.	8.6	2586.5	*	2	1215	436	1254.	116.5	2588.9	*	3	0815	676	22.	69.5
2588.8																		
1	1620	197	0.	9.8	2586.5	*	2	1220	437	1233.	115.7	2588.9	*	3	0820	677	22.	69.4
2588.8																		
1	1625	198	0.	11.1	2586.6	*	2	1225	438	1212.	114.9	2588.9	*	3	0825	678	21.	69.4
2588.8																		
1	1630	199	0.	12.6	2586.7	*	2	1230	439	1191.	114.1	2588.9	*	3	0830	679	20.	69.4
2588.8																		
1	1635	200	0.	14.4	2586.8	*	2	1235	440	1171.	113.3	2588.9	*	3	0835	680	20.	69.4
2588.8																		
1	1640	201	0.	16.3	2586.9	*	2	1240	441	1151.	112.6	2588.9	*	3	0840	681	19.	69.3
2588.8																		
1	1645	202	0.	18.5	2587.0	*	2	1245	442	1131.	111.8	2588.9	*	3	0845	682	19.	69.3
2588.8																		
1	1650	203	0.	21.0	2587.1	*	2	1250	443	1112.	111.1	2588.9	*	3	0850	683	18.	69.3
2588.8																		
1	1655	204	0.	23.9	2587.1	*	2	1255	444	1093.	110.4	2588.9	*	3	0855	684	18.	69.3
2588.8																		
1	1700	205	0.	27.2	2587.2	*	2	1300	445	1075.	109.7	2588.9	*	3	0900	685	18.	69.3
2588.8																		
1	1705	206	0.	30.9	2587.3	*	2	1305	446	1056.	109.0	2588.9	*	3	0905	686	17.	69.3
2588.8																		
1	1710	207	0.	35.1	2587.4	*	2	1310	447	1039.	108.3	2588.9	*	3	0910	687	17.	69.3
2588.8																		
1	1715	208	0.	39.7	2587.5	*	2	1315	448	1022.	107.6	2588.9	*	3	0915	688	17.	69.3
2588.8																		
1	1720	209	0.	44.7	2587.6	*	2	1320	449	1005.	107.0	2588.9	*	3	0920	689	17.	69.2
2588.8																		
1	1725	210	0.	50.0	2587.7	*	2	1325	450	989.	106.4	2588.9	*	3	0925	690	16.	69.2
2588.8																		
1	1730	211	0.	55.5	2587.9	*	2	1330	451	973.	105.8	2588.9	*	3	0930	691	16.	69.2
2588.8																		
1	1735	212	0.	61.2	2588.0	*	2	1335	452	957.	105.2	2588.9	*	3	0935	692	15.	69.2
2588.8																		
1	1740	213	0.	67.2	2588.6	*	2	1340	453	941.	104.6	2588.9	*	3	0940	693	14.	69.1
2588.8																		
1	1745	214	113.	72.9	2588.8	*	2	1345	454	926.	104.0	2588.9	*	3	0945	694	13.	69.1
2588.8																		

```
   1     1750 215     248.     78.1  2588.8 *  2     1350 455     911.    103.4  2588.9 *  3     0950 695      13.     69.1
2588.8
   1     1755 216     365.     82.5  2588.8 *  2     1355 456     896.    102.8  2588.9 *  3     0955 696      12.     69.1
2588.8
   1     1800 217     468.     86.5  2588.8 *  2     1400 457     882.    102.3  2588.9 *  3     1000 697      12.     69.0
2588.8
   1     1805 218     560.     90.0  2588.9 *  2     1405 458     868.    101.8  2588.9 *  3     1005 698      11.     69.0
2588.8
   1     1810 219     642.     93.1  2588.9 *  2     1410 459     855.    101.3  2588.9 *  3     1010 699      11.     69.0
2588.8
   1     1815 220     717.     96.0  2588.9 *  2     1415 460     841.    100.7  2588.9 *  3     1015 700      10.     69.0
2588.8
   1     1820 221     785.     98.6  2588.9 *  2     1420 461     828.    100.2  2588.9 *  3     1020 701      10.     69.0
2588.8
   1     1825 222     846.    100.9  2588.9 *  2     1425 462     816.     99.8  2588.9 *  3     1025 702       9.     69.0
2588.8
   1     1830 223     903.    103.1  2588.9 *  2     1430 463     803.     99.3  2588.9 *  3     1030 703       9.     68.9
2588.8
   1     1835 224     955.    105.1  2588.9 *  2     1435 464     792.     98.8  2588.9 *  3     1035 704       8.     68.9
2588.8
   1     1840 225    1002.    106.9  2588.9 *  2     1440 465     780.     98.4  2588.9 *  3     1040 705       7.     68.9
2588.8
   1     1845 226    1046.    108.6  2588.9 *  2     1445 466     769.     98.0  2588.9 *  3     1045 706       7.     68.9
2588.8
   1     1850 227    1088.    110.2  2588.9 *  2     1450 467     759.     97.6  2588.9 *  3     1050 707       6.     68.8
2588.8
   1     1855 228    1128.    111.7  2588.9 *  2     1455 468     749.     97.2  2588.9 *  3     1055 708       6.     68.8
2588.8
   1     1900 229    1168.    113.2  2588.9 *  2     1500 469     739.     96.8  2588.9 *  3     1100 709       5.     68.8
2588.8
   1     1905 230    1209.    114.8  2588.9 *  2     1505 470     729.     96.5  2588.9 *  3     1105 710       4.     68.8
2588.8
   1     1910 231    1249.    116.3  2588.9 *  2     1510 471     719.     96.1  2588.9 *  3     1110 711       4.     68.7
2588.8
   1     1915 232    1291.    117.9  2588.9 *  2     1515 472     708.     95.7  2588.9 *  3     1115 712       3.     68.7
2588.8
   1     1920 233    1331.    119.4  2588.9 *  2     1520 473     698.     95.3  2588.9 *  3     1120 713       3.     68.7
2588.8
   1     1925 234    1369.    120.9  2588.9 *  2     1525 474     688.     94.9  2588.9 *  3     1125 714       3.     68.7
2588.8
   1     1930 235    1406.    122.3  2588.9 *  2     1530 475     678.     94.5  2588.9 *  3     1130 715       2.     68.7
2588.8
   1     1935 236    1441.    123.7  2588.9 *  2     1535 476     669.     94.2  2588.9 *  3     1135 716       2.     68.7
2588.8
   1     1940 237    1477.    125.0  2588.9 *  2     1540 477     660.     93.8  2588.9 *  3     1140 717       2.     68.7
2588.8
   1     1945 238    1512.    126.4  2589.0 *  2     1545 478     650.     93.5  2588.9 *  3     1145 718       2.     68.7
2588.8
   1     1950 239    1551.    127.9  2589.0 *  2     1550 479     641.     93.1  2588.9 *  3     1150 719       1.     68.7
2588.8
   1     1955 240    1597.    129.6  2589.0 *  2     1555 480     632.     92.8  2588.9 *  3     1155 720       1.     68.6
2588.8
                                               *                                             *

*************************************************************************************************************************
*

  PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                     6-HR       24-HR       72-HR     59.92-HR
+   (CFS)       (HR)
                          (CFS)
+   10747.     21.17                7530.       3535.       1456.        1456.
                        (INCHES)     .000        .000        .000         .000
                         (AC-FT)    3734.       7011.       7209.        7209.

 PEAK STORAGE   TIME                          MAXIMUM AVERAGE STORAGE
                                     6-HR       24-HR       72-HR     59.92-HR
+  (AC-FT)      (HR)
      195.     21.17                 178.        141.         80.          80.

  PEAK STAGE    TIME                          MAXIMUM AVERAGE STAGE
                                     6-HR       24-HR       72-HR     59.92-HR
+   (FEET)      (HR)
   2589.41     21.17              2589.28     2589.06     2587.88      2587.88

                         CUMULATIVE AREA =     .00 SQ MI


*************************************************************************************************************************
*

                                                   HYDROGRAPH AT STATION      PKB
                                                       PLAN 1,   RATIO =   .94


*************************************************************************************************************************
*
                                               *                                             *
  DA MON HRMN ORD  OUTFLOW  STORAGE   STAGE * DA MON HRMN ORD  OUTFLOW  STORAGE   STAGE * DA MON HRMN ORD  OUTFLOW  STORAGE
STAGE
                                               *                                             *
   1     0000   1       0.       .0  2585.0 *  1     2000 241    1650.    131.6  2589.0 *  2     1600 481     623.     92.4
2588.9
   1     0005   2       0.       .0  2585.0 *  1     2005 242    1774.    136.4  2589.0 *  2     1605 482     614.     92.1
2588.9
   1     0010   3       0.       .0  2585.0 *  1     2010 243    2162.    145.6  2589.0 *  2     1610 483     606.     91.7
2588.9
   1     0015   4       0.       .0  2585.0 *  1     2015 244    3572.    154.7  2589.1 *  2     1615 484     597.     91.4
2588.9
   1     0020   5       0.       .0  2585.0 *  1     2020 245    4714.    162.1  2589.1 *  2     1620 485     589.     91.1
2588.9
   1     0025   6       0.       .0  2585.0 *  1     2025 246    5887.    169.5  2589.2 *  2     1625 486     581.     90.8
2588.9
   1     0030   7       0.       .0  2585.0 *  1     2030 247    7176.    176.3  2589.3 *  2     1630 487     573.     90.5
2588.9
   1     0035   8       0.       .0  2585.0 *  1     2035 248    8081.    181.1  2589.3 *  2     1635 488     565.     90.2
2588.9
   1     0040   9       0.       .0  2585.0 *  1     2040 249    8632.    184.0  2589.3 *  2     1640 489     558.     89.9
2588.9
   1     0045  10       0.       .0  2585.0 *  1     2045 250    9107.    186.5  2589.3 *  2     1645 490     550.     89.6
2588.9
```

1	0050	11	0.	.0	2585.0	*	1	2050	251	9558.	188.9	2589.4	*	2	1650	491	543.	89.3
2588.9																		
1	0055	12	0.	.0	2585.0	*	1	2055	252	9994.	191.2	2589.4	*	2	1655	492	535.	89.1
2588.9																		
1	0100	13	0.	.0	2585.0	*	1	2100	253	10428.	193.5	2589.4	*	2	1700	493	528.	88.8
2588.9																		
1	0105	14	0.	.0	2585.0	*	1	2105	254	10729.	194.9	2589.4	*	2	1705	494	520.	88.5
2588.9																		
1	0110	15	0.	.0	2585.0	*	1	2110	255	10747.	195.0	2589.4	*	2	1710	495	513.	88.2
2588.9																		
1	0115	16	0.	.0	2585.0	*	1	2115	256	10646.	194.6	2589.4	*	2	1715	496	505.	87.9
2588.9																		
1	0120	17	0.	.0	2585.0	*	1	2120	257	10506.	193.9	2589.4	*	2	1720	497	497.	87.6
2588.9																		
1	0125	18	0.	.0	2585.0	*	1	2125	258	10350.	193.1	2589.4	*	2	1725	498	490.	87.3
2588.8																		
1	0130	19	0.	.0	2585.0	*	1	2130	259	10178.	192.2	2589.4	*	2	1730	499	482.	87.0
2588.8																		
1	0135	20	0.	.0	2585.0	*	1	2135	260	10006.	191.3	2589.4	*	2	1735	500	474.	86.7
2588.8																		
1	0140	21	0.	.0	2585.0	*	1	2140	261	9837.	190.4	2589.4	*	2	1740	501	467.	86.4
2588.8																		
1	0145	22	0.	.0	2585.0	*	1	2145	262	9669.	189.5	2589.4	*	2	1745	502	460.	86.2
2588.8																		
1	0150	23	0.	.0	2585.0	*	1	2150	263	9500.	188.6	2589.4	*	2	1750	503	453.	85.9
2588.8																		
1	0155	24	0.	.0	2585.0	*	1	2155	264	9329.	187.7	2589.4	*	2	1755	504	446.	85.7
2588.8																		
1	0200	25	0.	.0	2585.0	*	1	2200	265	9158.	186.8	2589.3	*	2	1800	505	440.	85.4
2588.8																		
1	0205	26	0.	.0	2585.0	*	1	2205	266	8991.	185.9	2589.3	*	2	1805	506	434.	85.2
2588.8																		
1	0210	27	0.	.0	2585.0	*	1	2210	267	8827.	185.0	2589.3	*	2	1810	507	428.	85.0
2588.8																		
1	0215	28	0.	.0	2585.0	*	1	2215	268	8664.	184.2	2589.3	*	2	1815	508	422.	84.7
2588.8																		
1	0220	29	0.	.0	2585.0	*	1	2220	269	8509.	183.4	2589.3	*	2	1820	509	416.	84.5
2588.8																		
1	0225	30	0.	.0	2585.0	*	1	2225	270	8364.	182.6	2589.3	*	2	1825	510	410.	84.3
2588.8																		
1	0230	31	0.	.0	2585.0	*	1	2230	271	8222.	181.8	2589.3	*	2	1830	511	405.	84.1
2588.8																		
1	0235	32	0.	.0	2585.0	*	1	2235	272	8090.	181.1	2589.3	*	2	1835	512	399.	83.8
2588.8																		
1	0240	33	0.	.0	2585.0	*	1	2240	273	7971.	180.5	2589.3	*	2	1840	513	393.	83.6
2588.8																		
1	0245	34	0.	.0	2585.0	*	1	2245	274	7854.	179.9	2589.3	*	2	1845	514	387.	83.4
2588.8																		
1	0250	35	0.	.0	2585.0	*	1	2250	275	7744.	179.3	2589.3	*	2	1850	515	382.	83.2
2588.8																		
1	0255	36	0.	.0	2585.0	*	1	2255	276	7643.	178.8	2589.3	*	2	1855	516	376.	83.0
2588.8																		
1	0300	37	0.	.0	2585.0	*	1	2300	277	7543.	178.3	2589.3	*	2	1900	517	371.	82.8
2588.8																		
1	0305	38	0.	.0	2585.0	*	1	2305	278	7450.	177.8	2589.3	*	2	1905	518	365.	82.5
2588.8																		
1	0310	39	0.	.0	2585.0	*	1	2310	279	7362.	177.3	2589.3	*	2	1910	519	360.	82.3
2588.8																		
1	0315	40	0.	.0	2585.0	*	1	2315	280	7276.	176.8	2589.3	*	2	1915	520	354.	82.1
2588.8																		
1	0320	41	0.	.0	2585.0	*	1	2320	281	7196.	176.4	2589.3	*	2	1920	521	349.	81.9
2588.8																		
1	0325	42	0.	.0	2585.0	*	1	2325	282	7123.	176.0	2589.3	*	2	1925	522	345.	81.8
2588.8																		
1	0330	43	0.	.0	2585.0	*	1	2330	283	7051.	175.7	2589.3	*	2	1930	523	341.	81.6
2588.8																		
1	0335	44	0.	.0	2585.0	*	1	2335	284	6983.	175.3	2589.3	*	2	1935	524	336.	81.5
2588.8																		
1	0340	45	0.	.0	2585.0	*	1	2340	285	6919.	174.9	2589.3	*	2	1940	525	332.	81.3
2588.8																		
1	0345	46	0.	.0	2585.0	*	1	2345	286	6855.	174.6	2589.2	*	2	1945	526	328.	81.1
2588.8																		
1	0350	47	0.	.0	2585.0	*	1	2350	287	6795.	174.3	2589.2	*	2	1950	527	323.	81.0
2588.8																		
1	0355	48	0.	.0	2585.0	*	1	2355	288	6740.	174.0	2589.2	*	2	1955	528	319.	80.8
2588.8																		
1	0400	49	0.	.0	2585.0	*	2	0000	289	6686.	173.7	2589.2	*	2	2000	529	315.	80.6
2588.8																		
1	0405	50	0.	.0	2585.0	*	2	0005	290	6632.	173.4	2589.2	*	2	2005	530	312.	80.5
2588.8																		
1	0410	51	0.	.0	2585.0	*	2	0010	291	6578.	173.1	2589.2	*	2	2010	531	308.	80.4
2588.8																		
1	0415	52	0.	.0	2585.0	*	2	0015	292	6525.	172.9	2589.2	*	2	2015	532	305.	80.2
2588.8																		
1	0420	53	0.	.0	2585.0	*	2	0020	293	6472.	172.6	2589.2	*	2	2020	533	301.	80.1
2588.8																		
1	0425	54	0.	.0	2585.0	*	2	0025	294	6421.	172.3	2589.2	*	2	2025	534	298.	80.0
2588.8																		
1	0430	55	0.	.0	2585.0	*	2	0030	295	6371.	172.0	2589.2	*	2	2030	535	295.	79.9
2588.8																		
1	0435	56	0.	.0	2585.0	*	2	0035	296	6323.	171.8	2589.2	*	2	2035	536	291.	79.7
2588.8																		
1	0440	57	0.	.0	2585.0	*	2	0040	297	6279.	171.6	2589.2	*	2	2040	537	288.	79.6
2588.8																		
1	0445	58	0.	.0	2585.0	*	2	0045	298	6237.	171.3	2589.2	*	2	2045	538	285.	79.5
2588.8																		
1	0450	59	0.	.0	2585.0	*	2	0050	299	6196.	171.1	2589.2	*	2	2050	539	281.	79.4
2588.8																		
1	0455	60	0.	.0	2585.0	*	2	0055	300	6158.	170.9	2589.2	*	2	2055	540	278.	79.2
2588.8																		
1	0500	61	0.	.0	2585.0	*	2	0100	301	6120.	170.7	2589.2	*	2	2100	541	274.	79.1
2588.8																		
1	0505	62	0.	.0	2585.0	*	2	0105	302	6083.	170.5	2589.2	*	2	2105	542	271.	79.0
2588.8																		
1	0510	63	0.	.0	2585.0	*	2	0110	303	6048.	170.3	2589.2	*	2	2110	543	268.	78.8
2588.8																		
1	0515	64	0.	.0	2585.0	*	2	0115	304	6014.	170.2	2589.2	*	2	2115	544	264.	78.7
2588.8																		
1	0520	65	0.	.0	2585.0	*	2	0120	305	5979.	170.0	2589.2	*	2	2120	545	261.	78.6
2588.8																		
1	0525	66	0.	.0	2585.0	*	2	0125	306	5945.	169.8	2589.2	*	2	2125	546	258.	78.5
2588.8																		

```
   1    0530  67       0.       .0  2585.0 *  2     0130 307    5911.    169.6  2589.2 *  2     2130 547     255.     78.3
2588.8
   1    0535  68       0.       .0  2585.0 *  2     0135 308    5879.    169.4  2589.2 *  2     2135 548     252.     78.2
2588.8
   1    0540  69       0.       .0  2585.0 *  2     0140 309    5849.    169.3  2589.2 *  2     2140 549     248.     78.1
2588.8
   1    0545  70       0.       .0  2585.0 *  2     0145 310    5821.    169.1  2589.2 *  2     2145 550     245.     77.9
2588.8
   1    0550  71       0.       .0  2585.0 *  2     0150 311    5794.    169.0  2589.2 *  2     2150 551     241.     77.8
2588.8
   1    0555  72       0.       .0  2585.0 *  2     0155 312    5768.    168.9  2589.2 *  2     2155 552     237.     77.7
2588.8
   1    0600  73       0.       .0  2585.0 *  2     0200 313    5744.    168.7  2589.2 *  2     2200 553     234.     77.5
2588.8
   1    0605  74       0.       .0  2585.0 *  2     0205 314    5720.    168.6  2589.2 *  2     2205 554     230.     77.4
2588.8
   1    0610  75       0.       .0  2585.0 *  2     0210 315    5699.    168.5  2589.2 *  2     2210 555     227.     77.3
2588.8
   1    0615  76       0.       .0  2585.0 *  2     0215 316    5678.    168.4  2589.2 *  2     2215 556     224.     77.1
2588.8
   1    0620  77       0.       .0  2585.0 *  2     0220 317    5659.    168.3  2589.2 *  2     2220 557     221.     77.0
2588.8
   1    0625  78       0.       .0  2585.0 *  2     0225 318    5638.    168.1  2589.2 *  2     2225 558     218.     76.9
2588.8
   1    0630  79       0.       .0  2585.0 *  2     0230 319    5617.    168.0  2589.2 *  2     2230 559     214.     76.8
2588.8
   1    0635  80       0.       .0  2585.0 *  2     0235 320    5595.    167.8  2589.2 *  2     2235 560     211.     76.7
2588.8
   1    0640  81       0.       .0  2585.0 *  2     0240 321    5571.    167.7  2589.2 *  2     2240 561     208.     76.5
2588.8
   1    0645  82       0.       .0  2585.0 *  2     0245 322    5547.    167.5  2589.2 *  2     2245 562     205.     76.4
2588.8
   1    0650  83       0.       .0  2585.0 *  2     0250 323    5526.    167.4  2589.2 *  2     2250 563     202.     76.3
2588.8
   1    0655  84       0.       .0  2585.0 *  2     0255 324    5509.    167.3  2589.2 *  2     2255 564     199.     76.2
2588.8
   1    0700  85       0.       .0  2585.0 *  2     0300 325    5493.    167.2  2589.2 *  2     2300 565     196.     76.1
2588.8
   1    0705  86       0.       .0  2585.0 *  2     0305 326    5474.    167.1  2589.2 *  2     2305 566     193.     76.0
2588.8
   1    0710  87       0.       .0  2585.0 *  2     0310 327    5452.    166.9  2589.2 *  2     2310 567     190.     75.8
2588.8
   1    0715  88       0.       .0  2585.0 *  2     0315 328    5429.    166.8  2589.2 *  2     2315 568     186.     75.7
2588.8
   1    0720  89       0.       .0  2585.0 *  2     0320 329    5406.    166.6  2589.2 *  2     2320 569     183.     75.6
2588.8
   1    0725  90       0.       .0  2585.0 *  2     0325 330    5384.    166.5  2589.2 *  2     2325 570     180.     75.5
2588.8
   1    0730  91       0.       .0  2585.0 *  2     0330 331    5362.    166.3  2589.2 *  2     2330 571     177.     75.3
2588.8
   1    0735  92       0.       .0  2585.0 *  2     0335 332    5339.    166.2  2589.2 *  2     2335 572     174.     75.2
2588.8
   1    0740  93       0.       .0  2585.0 *  2     0340 333    5316.    166.0  2589.2 *  2     2340 573     171.     75.1
2588.8
   1    0745  94       0.       .0  2585.0 *  2     0345 334    5293.    165.9  2589.2 *  2     2345 574     168.     75.0
2588.8
   1    0750  95       0.       .0  2585.0 *  2     0350 335    5266.    165.7  2589.2 *  2     2350 575     165.     74.9
2588.8
   1    0755  96       0.       .0  2585.0 *  2     0355 336    5236.    165.5  2589.2 *  2     2355 576     163.     74.8
2588.8
   1    0800  97       0.       .0  2585.0 *  2     0400 337    5205.    165.3  2589.2 *  3     0000 577     160.     74.7
2588.8
   1    0805  98       0.       .0  2585.0 *  2     0405 338    5169.    165.1  2589.2 *  3     0005 578     158.     74.6
2588.8
   1    0810  99       0.       .0  2585.0 *  2     0410 339    5128.    164.8  2589.2 *  3     0010 579     155.     74.5
2588.8
   1    0815 100       0.       .0  2585.0 *  2     0415 340    5086.    164.5  2589.2 *  3     0015 580     153.     74.4
2588.8
   1    0820 101       0.       .0  2585.0 *  2     0420 341    5041.    164.2  2589.2 *  3     0020 581     150.     74.3
2588.8
   1    0825 102       0.       .0  2585.0 *  2     0425 342    4994.    163.9  2589.2 *  3     0025 582     148.     74.2
2588.8
   1    0830 103       0.       .0  2585.0 *  2     0430 343    4947.    163.6  2589.2 *  3     0030 583     145.     74.2
2588.8
   1    0835 104       0.       .0  2585.0 *  2     0435 344    4896.    163.3  2589.2 *  3     0035 584     143.     74.1
2588.8
   1    0840 105       0.       .0  2585.0 *  2     0440 345    4841.    163.0  2589.2 *  3     0040 585     140.     74.0
2588.8
   1    0845 106       0.       .0  2585.0 *  2     0445 346    4786.    162.6  2589.2 *  3     0045 586     138.     73.9
2588.8
   1    0850 107       0.       .0  2585.0 *  2     0450 347    4728.    162.2  2589.1 *  3     0050 587     135.     73.8
2588.8
   1    0855 108       0.       .0  2585.0 *  2     0455 348    4668.    161.8  2589.1 *  3     0055 588     133.     73.7
2588.8
   1    0900 109       0.       .0  2585.0 *  2     0500 349    4607.    161.4  2589.1 *  3     0100 589     130.     73.6
2588.8
   1    0905 110       0.       .0  2585.0 *  2     0505 350    4543.    161.0  2589.1 *  3     0105 590     127.     73.5
2588.8
   1    0910 111       0.       .0  2585.0 *  2     0510 351    4477.    160.6  2589.1 *  3     0110 591     125.     73.4
2588.8
   1    0915 112       0.       .0  2585.0 *  2     0515 352    4409.    160.1  2589.1 *  3     0115 592     122.     73.3
2588.8
   1    0920 113       0.       .0  2585.0 *  2     0520 353    4340.    159.7  2589.1 *  3     0120 593     119.     73.2
2588.8
   1    0925 114       0.       .0  2585.0 *  2     0525 354    4269.    159.2  2589.1 *  3     0125 594     117.     73.1
2588.8
   1    0930 115       0.       .0  2585.0 *  2     0530 355    4197.    158.8  2589.1 *  3     0130 595     114.     72.9
2588.8
   1    0935 116       0.       .0  2585.0 *  2     0535 356    4126.    158.3  2589.1 *  3     0135 596     111.     72.8
2588.8
   1    0940 117       0.       .0  2585.0 *  2     0540 357    4056.    157.9  2589.1 *  3     0140 597     109.     72.8
2588.8
   1    0945 118       0.       .0  2585.0 *  2     0545 358    3986.    157.4  2589.1 *  3     0145 598     106.     72.7
2588.8
   1    0950 119       0.       .0  2585.0 *  2     0550 359    3917.    156.9  2589.1 *  3     0150 599     104.     72.6
2588.8
   1    0955 120       0.       .0  2585.0 *  2     0555 360    3850.    156.5  2589.1 *  3     0155 600     102.     72.5
2588.8
   1    1000 121       0.       .0  2585.0 *  2     0600 361    3783.    156.1  2589.1 *  3     0200 601      99.     72.4
2588.8
   1    1005 122       0.       .0  2585.0 *  2     0605 362    3715.    155.6  2589.1 *  3     0205 602      97.     72.3
2588.8
```

```
   1     1010 123       0.       .0  2585.0 *  2     0610 363    3648.    155.2  2589.1 *  3     0210 603      95.     72.2
2588.8
   1     1015 124       0.       .0  2585.0 *  2     0615 364    3580.    154.8  2589.1 *  3     0215 604      92.     72.1
2588.8
   1     1020 125       0.       .0  2585.0 *  2     0620 365    3513.    154.3  2589.1 *  3     0220 605      90.     72.0
2588.8
   1     1025 126       0.       .0  2585.0 *  2     0625 366    3449.    153.9  2589.1 *  3     0225 606      88.     72.0
2588.8
   1     1030 127       0.       .0  2585.0 *  2     0630 367    3385.    153.5  2589.1 *  3     0230 607      86.     71.9
2588.8
   1     1035 128       0.       .0  2585.0 *  2     0635 368    3323.    153.1  2589.1 *  3     0235 608      85.     71.8
2588.8
   1     1040 129       0.       .0  2585.0 *  2     0640 369    3263.    152.7  2589.1 *  3     0240 609      83.     71.8
2588.8
   1     1045 130       0.       .0  2585.0 *  2     0645 370    3203.    152.3  2589.1 *  3     0245 610      81.     71.7
2588.8
   1     1050 131       0.       .0  2585.0 *  2     0650 371    3145.    151.9  2589.1 *  3     0250 611      79.     71.6
2588.8
   1     1055 132       0.       .0  2585.0 *  2     0655 372    3090.    151.6  2589.1 *  3     0255 612      78.     71.6
2588.8
   1     1100 133       0.       .0  2585.0 *  2     0700 373    3036.    151.2  2589.1 *  3     0300 613      76.     71.5
2588.8
   1     1105 134       0.       .0  2585.0 *  2     0705 374    2984.    150.9  2589.1 *  3     0305 614      74.     71.4
2588.8
   1     1110 135       0.       .0  2585.0 *  2     0710 375    2935.    150.6  2589.1 *  3     0310 615      73.     71.4
2588.8
   1     1115 136       0.       .0  2585.0 *  2     0715 376    2888.    150.3  2589.0 *  3     0315 616      71.     71.3
2588.8
   1     1120 137       0.       .0  2585.0 *  2     0720 377    2841.    150.0  2589.0 *  3     0320 617      70.     71.3
2588.8
   1     1125 138       0.       .0  2585.0 *  2     0725 378    2794.    149.7  2589.0 *  3     0325 618      68.     71.2
2588.8
   1     1130 139       0.       .0  2585.0 *  2     0730 379    2747.    149.4  2589.0 *  3     0330 619      67.     71.2
2588.8
   1     1135 140       0.       .0  2585.0 *  2     0735 380    2703.    149.1  2589.0 *  3     0335 620      65.     71.1
2588.8
   1     1140 141       0.       .0  2585.0 *  2     0740 381    2664.    148.8  2589.0 *  3     0340 621      64.     71.1
2588.8
   1     1145 142       0.       .0  2585.0 *  2     0745 382    2626.    148.6  2589.0 *  3     0345 622      63.     71.0
2588.8
   1     1150 143       0.       .0  2585.0 *  2     0750 383    2588.    148.3  2589.0 *  3     0350 623      62.     71.0
2588.8
   1     1155 144       0.       .0  2585.0 *  2     0755 384    2550.    148.1  2589.0 *  3     0355 624      61.     70.9
2588.8
   1     1200 145       0.       .0  2585.0 *  2     0800 385    2511.    147.8  2589.0 *  3     0400 625      60.     70.9
2588.8
   1     1205 146       0.       .0  2585.0 *  2     0805 386    2473.    147.6  2589.0 *  3     0405 626      58.     70.8
2588.8
   1     1210 147       0.       .0  2585.0 *  2     0810 387    2434.    147.3  2589.0 *  3     0410 627      57.     70.8
2588.8
   1     1215 148       0.       .0  2585.0 *  2     0815 388    2395.    147.1  2589.0 *  3     0415 628      57.     70.8
2588.8
   1     1220 149       0.       .0  2585.0 *  2     0820 389    2358.    146.8  2589.0 *  3     0420 629      56.     70.7
2588.8
   1     1225 150       0.       .0  2585.0 *  2     0825 390    2324.    146.6  2589.0 *  3     0425 630      55.     70.7
2588.8
   1     1230 151       0.       .0  2585.0 *  2     0830 391    2291.    146.4  2589.0 *  3     0430 631      55.     70.7
2588.8
   1     1235 152       0.       .0  2585.0 *  2     0835 392    2259.    146.2  2589.0 *  3     0435 632      54.     70.7
2588.8
   1     1240 153       0.       .0  2585.0 *  2     0840 393    2227.    146.0  2589.0 *  3     0440 633      54.     70.6
2588.8
   1     1245 154       0.       .0  2585.0 *  2     0845 394    2195.    145.8  2589.0 *  3     0445 634      53.     70.6
2588.8
   1     1250 155       0.       .0  2585.0 *  2     0850 395    2164.    145.6  2589.0 *  3     0450 635      53.     70.6
2588.8
   1     1255 156       0.       .0  2585.0 *  2     0855 396    2134.    145.4  2589.0 *  3     0455 636      53.     70.6
2588.8
   1     1300 157       0.       .0  2585.0 *  2     0900 397    2104.    145.2  2589.0 *  3     0500 637      52.     70.6
2588.8
   1     1305 158       0.       .0  2585.0 *  2     0905 398    2075.    145.0  2589.0 *  3     0505 638      51.     70.6
2588.8
   1     1310 159       0.       .0  2585.0 *  2     0910 399    2047.    144.8  2589.0 *  3     0510 639      50.     70.5
2588.8
   1     1315 160       0.       .0  2585.0 *  2     0915 400    2019.    144.6  2589.0 *  3     0515 640      49.     70.5
2588.8
   1     1320 161       0.       .1  2585.1 *  2     0920 401    1991.    144.4  2589.0 *  3     0520 641      48.     70.4
2588.8
   1     1325 162       0.       .1  2585.1 *  2     0925 402    1979.    144.2  2589.0 *  3     0525 642      47.     70.4
2588.8
   1     1330 163       0.       .1  2585.2 *  2     0930 403    1970.    143.9  2589.0 *  3     0530 643      46.     70.4
2588.8
   1     1335 164       0.       .1  2585.2 *  2     0935 404    1958.    143.4  2589.0 *  3     0535 644      46.     70.3
2588.8
   1     1340 165       0.       .2  2585.3 *  2     0940 405    1943.    142.8  2589.0 *  3     0540 645      45.     70.3
2588.8
   1     1345 166       0.       .2  2585.3 *  2     0945 406    1927.    142.2  2589.0 *  3     0545 646      44.     70.3
2588.8
   1     1350 167       0.       .3  2585.4 *  2     0950 407    1908.    141.5  2589.0 *  3     0550 647      44.     70.3
2588.8
   1     1355 168       0.       .4  2585.5 *  2     0955 408    1888.    140.7  2589.0 *  3     0555 648      43.     70.2
2588.8
   1     1400 169       0.       .4  2585.6 *  2     1000 409    1867.    139.9  2589.0 *  3     0600 649      42.     70.2
2588.8
   1     1405 170       0.       .5  2585.8 *  2     1005 410    1845.    139.1  2589.0 *  3     0605 650      42.     70.2
2588.8
   1     1410 171       0.       .7  2585.9 *  2     1010 411    1822.    138.2  2589.0 *  3     0610 651      41.     70.2
2588.8
   1     1415 172       0.       .8  2586.0 *  2     1015 412    1799.    137.3  2589.0 *  3     0615 652      40.     70.1
2588.8
   1     1420 173       0.      1.0  2586.0 *  2     1020 413    1775.    136.4  2589.0 *  3     0620 653      39.     70.1
2588.8
   1     1425 174       0.      1.1  2586.0 *  2     1025 414    1752.    135.5  2589.0 *  3     0625 654      38.     70.1
2588.8
   1     1430 175       0.      1.3  2586.0 *  2     1030 415    1728.    134.6  2589.0 *  3     0630 655      38.     70.0
2588.8
   1     1435 176       0.      1.4  2586.0 *  2     1035 416    1704.    133.7  2589.0 *  3     0635 656      37.     70.0
2588.8
   1     1440 177       0.      1.6  2586.1 *  2     1040 417    1681.    132.8  2589.0 *  3     0640 657      36.     70.0
2588.8
   1     1445 178       0.      1.7  2586.1 *  2     1045 418    1657.    131.9  2589.0 *  3     0645 658      36.     70.0
2588.8
```

```
   1     1450 179       0.      1.9  2586.1 *  2     1050 419    1633.    131.0  2589.0 *  3     0650 659      35.     69.9
2588.8
   1     1455 180       0.      2.1  2586.1 *  2     1055 420    1610.    130.1  2589.0 *  3     0655 660      34.     69.9
2588.8
   1     1500 181       0.      2.3  2586.1 *  2     1100 421    1586.    129.2  2589.0 *  3     0700 661      34.     69.9
2588.8
   1     1505 182       0.      2.5  2586.1 *  2     1105 422    1563.    128.3  2589.0 *  3     0705 662      33.     69.9
2588.8
   1     1510 183       0.      2.7  2586.1 *  2     1110 423    1539.    127.4  2589.0 *  3     0710 663      32.     69.8
2588.8
   1     1515 184       0.      2.9  2586.1 *  2     1115 424    1516.    126.5  2589.0 *  3     0715 664      31.     69.8
2588.8
   1     1520 185       0.      3.2  2586.1 *  2     1120 425    1492.    125.6  2589.0 *  3     0720 665      30.     69.7
2588.8
   1     1525 186       0.      3.4  2586.2 *  2     1125 426    1469.    124.7  2588.9 *  3     0725 666      29.     69.7
2588.8
   1     1530 187       0.      3.7  2586.2 *  2     1130 427    1446.    123.8  2588.9 *  3     0730 667      28.     69.7
2588.8
   1     1535 188       0.      4.0  2586.2 *  2     1135 428    1423.    123.0  2588.9 *  3     0735 668      27.     69.6
2588.8
   1     1540 189       0.      4.3  2586.2 *  2     1140 429    1401.    122.1  2588.9 *  3     0740 669      26.     69.6
2588.8
   1     1545 190       0.      4.7  2586.2 *  2     1145 430    1379.    121.3  2588.9 *  3     0745 670      26.     69.6
2588.8
   1     1550 191       0.      5.1  2586.3 *  2     1150 431    1358.    120.5  2588.9 *  3     0750 671      25.     69.6
2588.8
   1     1555 192       0.      5.5  2586.3 *  2     1155 432    1337.    119.7  2588.9 *  3     0755 672      25.     69.5
2588.8
   1     1600 193       0.      6.1  2586.3 *  2     1200 433    1316.    118.9  2588.9 *  3     0800 673      24.     69.5
2588.8
   1     1605 194       0.      6.7  2586.4 *  2     1205 434    1296.    118.1  2588.9 *  3     0805 674      24.     69.5
2588.8
   1     1610 195       0.      7.6  2586.4 *  2     1210 435    1275.    117.3  2588.9 *  3     0810 675      23.     69.5
2588.8
   1     1615 196       0.      8.6  2586.5 *  2     1215 436    1254.    116.5  2588.9 *  3     0815 676      22.     69.5
2588.8
   1     1620 197       0.      9.8  2586.5 *  2     1220 437    1233.    115.7  2588.9 *  3     0820 677      22.     69.4
2588.8
   1     1625 198       0.     11.1  2586.6 *  2     1225 438    1212.    114.9  2588.9 *  3     0825 678      21.     69.4
2588.8
   1     1630 199       0.     12.6  2586.7 *  2     1230 439    1191.    114.1  2588.9 *  3     0830 679      20.     69.4
2588.8
   1     1635 200       0.     14.4  2586.8 *  2     1235 440    1171.    113.3  2588.9 *  3     0835 680      20.     69.4
2588.8
   1     1640 201       0.     16.3  2586.9 *  2     1240 441    1151.    112.6  2588.9 *  3     0840 681      19.     69.3
2588.8
   1     1645 202       0.     18.5  2587.0 *  2     1245 442    1131.    111.8  2588.9 *  3     0845 682      19.     69.3
2588.8
   1     1650 203       0.     21.0  2587.1 *  2     1250 443    1112.    111.1  2588.9 *  3     0850 683      18.     69.3
2588.8
   1     1655 204       0.     23.9  2587.1 *  2     1255 444    1093.    110.4  2588.9 *  3     0855 684      18.     69.3
2588.8
   1     1700 205       0.     27.2  2587.2 *  2     1300 445    1075.    109.7  2588.9 *  3     0900 685      18.     69.3
2588.8
   1     1705 206       0.     30.9  2587.3 *  2     1305 446    1056.    109.0  2588.9 *  3     0905 686      17.     69.3
2588.8
   1     1710 207       0.     35.1  2587.4 *  2     1310 447    1039.    108.3  2588.9 *  3     0910 687      17.     69.3
2588.8
   1     1715 208       0.     39.7  2587.5 *  2     1315 448    1022.    107.6  2588.9 *  3     0915 688      17.     69.3
2588.8
   1     1720 209       0.     44.7  2587.6 *  2     1320 449    1005.    107.0  2588.9 *  3     0920 689      17.     69.2
2588.8
   1     1725 210       0.     50.0  2587.7 *  2     1325 450     989.    106.4  2588.9 *  3     0925 690      16.     69.2
2588.8
   1     1730 211       0.     55.5  2587.9 *  2     1330 451     973.    105.8  2588.9 *  3     0930 691      16.     69.2
2588.8
   1     1735 212       0.     61.2  2588.0 *  2     1335 452     957.    105.2  2588.9 *  3     0935 692      15.     69.2
2588.8
   1     1740 213       0.     67.2  2588.6 *  2     1340 453     941.    104.6  2588.9 *  3     0940 693      14.     69.1
2588.8
   1     1745 214     113.     72.9  2588.8 *  2     1345 454     926.    104.0  2588.9 *  3     0945 694      13.     69.1
2588.8
   1     1750 215     248.     78.1  2588.8 *  2     1350 455     911.    103.4  2588.9 *  3     0950 695      13.     69.1
2588.8
   1     1755 216     365.     82.5  2588.8 *  2     1355 456     896.    102.8  2588.9 *  3     0955 696      12.     69.1
2588.8
   1     1800 217     468.     86.5  2588.8 *  2     1400 457     882.    102.3  2588.9 *  3     1000 697      12.     69.0
2588.8
   1     1805 218     560.     90.0  2588.9 *  2     1405 458     868.    101.8  2588.9 *  3     1005 698      11.     69.0
2588.8
   1     1810 219     642.     93.1  2588.9 *  2     1410 459     855.    101.3  2588.9 *  3     1010 699      11.     69.0
2588.8
   1     1815 220     717.     96.0  2588.9 *  2     1415 460     841.    100.7  2588.9 *  3     1015 700      10.     69.0
2588.8
   1     1820 221     785.     98.6  2588.9 *  2     1420 461     828.    100.2  2588.9 *  3     1020 701      10.     69.0
2588.8
   1     1825 222     846.    100.9  2588.9 *  2     1425 462     816.     99.8  2588.9 *  3     1025 702       9.     69.0
2588.8
   1     1830 223     903.    103.1  2588.9 *  2     1430 463     803.     99.3  2588.9 *  3     1030 703       9.     68.9
2588.8
   1     1835 224     955.    105.1  2588.9 *  2     1435 464     792.     98.8  2588.9 *  3     1035 704       8.     68.9
2588.8
   1     1840 225    1002.    106.9  2588.9 *  2     1440 465     780.     98.4  2588.9 *  3     1040 705       7.     68.9
2588.8
   1     1845 226    1046.    108.6  2588.9 *  2     1445 466     769.     98.0  2588.9 *  3     1045 706       7.     68.9
2588.8
   1     1850 227    1088.    110.2  2588.9 *  2     1450 467     759.     97.6  2588.9 *  3     1050 707       6.     68.8
2588.8
   1     1855 228    1128.    111.7  2588.9 *  2     1455 468     749.     97.2  2588.9 *  3     1055 708       6.     68.8
2588.8
   1     1900 229    1168.    113.2  2588.9 *  2     1500 469     739.     96.8  2588.9 *  3     1100 709       5.     68.8
2588.8
   1     1905 230    1209.    114.8  2588.9 *  2     1505 470     729.     96.5  2588.9 *  3     1105 710       4.     68.8
2588.8
   1     1910 231    1249.    116.3  2588.9 *  2     1510 471     719.     96.1  2588.9 *  3     1110 711       4.     68.7
2588.8
   1     1915 232    1291.    117.9  2588.9 *  2     1515 472     708.     95.7  2588.9 *  3     1115 712       3.     68.7
2588.8
   1     1920 233    1331.    119.4  2588.9 *  2     1520 473     698.     95.3  2588.9 *  3     1120 713       3.     68.7
2588.8
   1     1925 234    1369.    120.9  2588.9 *  2     1525 474     688.     94.9  2588.9 *  3     1125 714       3.     68.7
2588.8
```

```
   1     1930 235    1406.    122.3  2588.9 *  2     1530 475     678.     94.5  2588.9 *  3     1130 715       2.     68.7
2588.8
   1     1935 236    1441.    123.7  2588.9 *  2     1535 476     669.     94.2  2588.9 *  3     1135 716       2.     68.7
2588.8
   1     1940 237    1477.    125.0  2588.9 *  2     1540 477     660.     93.8  2588.9 *  3     1140 717       2.     68.7
2588.8
   1     1945 238    1512.    126.4  2589.0 *  2     1545 478     650.     93.5  2588.9 *  3     1145 718       2.     68.7
2588.8
   1     1950 239    1551.    127.9  2589.0 *  2     1550 479     641.     93.1  2588.9 *  3     1150 719       1.     68.7
2588.8
   1     1955 240    1597.    129.6  2589.0 *  2     1555 480     632.     92.8  2588.9 *  3     1155 720       1.     68.6
2588.8
                                                *                                                *

*****************************************************************************************************************************
*
  PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                     6-HR       24-HR       72-HR     59.92-HR
+   (CFS)       (HR)
                          (CFS)
+   10747.     21.17                7530.       3535.       1456.        1456.
                        (INCHES)     .000        .000        .000         .000
                         (AC-FT)    3734.       7011.       7209.        7209.

 PEAK STORAGE   TIME                         MAXIMUM AVERAGE STORAGE
                                     6-HR       24-HR       72-HR     59.92-HR
+  (AC-FT)      (HR)
      195.     21.17                 178.        141.         80.          80.

  PEAK STAGE    TIME                          MAXIMUM AVERAGE STAGE
                                     6-HR       24-HR       72-HR     59.92-HR
+   (FEET)      (HR)
   2589.41     21.17              2589.28     2589.06     2587.88      2587.88

                        CUMULATIVE AREA =     .00 SQ MI


*****************************************************************************************************************************
*
                                                HYDROGRAPH AT STATION      PKB
                                                    PLAN 1,   RATIO =   .93

*****************************************************************************************************************************
*
                                                *                                                *
  DA MON HRMN ORD  OUTFLOW  STORAGE   STAGE * DA MON HRMN ORD  OUTFLOW  STORAGE   STAGE * DA MON HRMN ORD  OUTFLOW  STORAGE
STAGE
                                                *                                                *
   1     0000   1       0.       .0  2585.0 *  1     2000 241    1650.    131.6  2589.0 *  2     1600 481     623.     92.4
2588.9
   1     0005   2       0.       .0  2585.0 *  1     2005 242    1774.    136.4  2589.0 *  2     1605 482     614.     92.1
2588.9
   1     0010   3       0.       .0  2585.0 *  1     2010 243    2162.    145.6  2589.0 *  2     1610 483     606.     91.7
2588.9
   1     0015   4       0.       .0  2585.0 *  1     2015 244    3572.    154.7  2589.1 *  2     1615 484     597.     91.4
2588.9
   1     0020   5       0.       .0  2585.0 *  1     2020 245    4714.    162.1  2589.1 *  2     1620 485     589.     91.1
2588.9
   1     0025   6       0.       .0  2585.0 *  1     2025 246    5887.    169.5  2589.2 *  2     1625 486     581.     90.8
2588.9
   1     0030   7       0.       .0  2585.0 *  1     2030 247    7176.    176.3  2589.3 *  2     1630 487     573.     90.5
2588.9
   1     0035   8       0.       .0  2585.0 *  1     2035 248    8081.    181.1  2589.3 *  2     1635 488     565.     90.2
2588.9
   1     0040   9       0.       .0  2585.0 *  1     2040 249    8632.    184.0  2589.3 *  2     1640 489     558.     89.9
2588.9
   1     0045  10       0.       .0  2585.0 *  1     2045 250    9107.    186.5  2589.3 *  2     1645 490     550.     89.6
2588.9
   1     0050  11       0.       .0  2585.0 *  1     2050 251    9558.    188.9  2589.4 *  2     1650 491     543.     89.3
2588.9
   1     0055  12       0.       .0  2585.0 *  1     2055 252    9994.    191.2  2589.4 *  2     1655 492     535.     89.1
2588.9
   1     0100  13       0.       .0  2585.0 *  1     2100 253   10428.    193.5  2589.4 *  2     1700 493     528.     88.8
2588.9
   1     0105  14       0.       .0  2585.0 *  1     2105 254   10729.    194.9  2589.4 *  2     1705 494     520.     88.5
2588.9
   1     0110  15       0.       .0  2585.0 *  1     2110 255   10747.    195.0  2589.4 *  2     1710 495     513.     88.2
2588.9
   1     0115  16       0.       .0  2585.0 *  1     2115 256   10646.    194.6  2589.4 *  2     1715 496     505.     87.9
2588.9
   1     0120  17       0.       .0  2585.0 *  1     2120 257   10506.    193.9  2589.4 *  2     1720 497     497.     87.6
2588.9
   1     0125  18       0.       .0  2585.0 *  1     2125 258   10350.    193.1  2589.4 *  2     1725 498     490.     87.3
2588.8
   1     0130  19       0.       .0  2585.0 *  1     2130 259   10178.    192.2  2589.4 *  2     1730 499     482.     87.0
2588.8
   1     0135  20       0.       .0  2585.0 *  1     2135 260   10006.    191.3  2589.4 *  2     1735 500     474.     86.7
2588.8
   1     0140  21       0.       .0  2585.0 *  1     2140 261    9837.    190.4  2589.4 *  2     1740 501     467.     86.4
2588.8
   1     0145  22       0.       .0  2585.0 *  1     2145 262    9669.    189.5  2589.4 *  2     1745 502     460.     86.2
2588.8
   1     0150  23       0.       .0  2585.0 *  1     2150 263    9500.    188.6  2589.4 *  2     1750 503     453.     85.9
2588.8
   1     0155  24       0.       .0  2585.0 *  1     2155 264    9329.    187.7  2589.4 *  2     1755 504     446.     85.7
2588.8
   1     0200  25       0.       .0  2585.0 *  1     2200 265    9158.    186.8  2589.3 *  2     1800 505     440.     85.4
2588.8
   1     0205  26       0.       .0  2585.0 *  1     2205 266    8991.    185.9  2589.3 *  2     1805 506     434.     85.2
2588.8
   1     0210  27       0.       .0  2585.0 *  1     2210 267    8827.    185.0  2589.3 *  2     1810 507     428.     85.0
2588.8
   1     0215  28       0.       .0  2585.0 *  1     2215 268    8664.    184.2  2589.3 *  2     1815 508     422.     84.7
2588.8
   1     0220  29       0.       .0  2585.0 *  1     2220 269    8509.    183.4  2589.3 *  2     1820 509     416.     84.5
2588.8
   1     0225  30       0.       .0  2585.0 *  1     2225 270    8364.    182.6  2589.3 *  2     1825 510     410.     84.3
2588.8
```

1	0230	31	0.	.0	2585.0	*	1	2230	271	8222.	181.8	2589.3	*	2	1830	511	405.	84.1
2588.8																		
1	0235	32	0.	.0	2585.0	*	1	2235	272	8090.	181.1	2589.3	*	2	1835	512	399.	83.8
2588.8																		
1	0240	33	0.	.0	2585.0	*	1	2240	273	7971.	180.5	2589.3	*	2	1840	513	393.	83.6
2588.8																		
1	0245	34	0.	.0	2585.0	*	1	2245	274	7854.	179.9	2589.3	*	2	1845	514	387.	83.4
2588.8																		
1	0250	35	0.	.0	2585.0	*	1	2250	275	7744.	179.3	2589.3	*	2	1850	515	382.	83.2
2588.8																		
1	0255	36	0.	.0	2585.0	*	1	2255	276	7643.	178.8	2589.3	*	2	1855	516	376.	83.0
2588.8																		
1	0300	37	0.	.0	2585.0	*	1	2300	277	7543.	178.3	2589.3	*	2	1900	517	371.	82.8
2588.8																		
1	0305	38	0.	.0	2585.0	*	1	2305	278	7450.	177.8	2589.3	*	2	1905	518	365.	82.5
2588.8																		
1	0310	39	0.	.0	2585.0	*	1	2310	279	7362.	177.3	2589.3	*	2	1910	519	360.	82.3
2588.8																		
1	0315	40	0.	.0	2585.0	*	1	2315	280	7276.	176.8	2589.3	*	2	1915	520	354.	82.1
2588.8																		
1	0320	41	0.	.0	2585.0	*	1	2320	281	7196.	176.4	2589.3	*	2	1920	521	349.	81.9
2588.8																		
1	0325	42	0.	.0	2585.0	*	1	2325	282	7123.	176.0	2589.3	*	2	1925	522	345.	81.8
2588.8																		
1	0330	43	0.	.0	2585.0	*	1	2330	283	7051.	175.7	2589.3	*	2	1930	523	341.	81.6
2588.8																		
1	0335	44	0.	.0	2585.0	*	1	2335	284	6983.	175.3	2589.3	*	2	1935	524	336.	81.5
2588.8																		
1	0340	45	0.	.0	2585.0	*	1	2340	285	6919.	174.9	2589.3	*	2	1940	525	332.	81.3
2588.8																		
1	0345	46	0.	.0	2585.0	*	1	2345	286	6855.	174.6	2589.2	*	2	1945	526	328.	81.1
2588.8																		
1	0350	47	0.	.0	2585.0	*	1	2350	287	6795.	174.3	2589.2	*	2	1950	527	323.	81.0
2588.8																		
1	0355	48	0.	.0	2585.0	*	1	2355	288	6740.	174.0	2589.2	*	2	1955	528	319.	80.8
2588.8																		
1	0400	49	0.	.0	2585.0	*	2	0000	289	6686.	173.7	2589.2	*	2	2000	529	315.	80.6
2588.8																		
1	0405	50	0.	.0	2585.0	*	2	0005	290	6632.	173.4	2589.2	*	2	2005	530	312.	80.5
2588.8																		
1	0410	51	0.	.0	2585.0	*	2	0010	291	6578.	173.1	2589.2	*	2	2010	531	308.	80.4
2588.8																		
1	0415	52	0.	.0	2585.0	*	2	0015	292	6525.	172.9	2589.2	*	2	2015	532	305.	80.2
2588.8																		
1	0420	53	0.	.0	2585.0	*	2	0020	293	6472.	172.6	2589.2	*	2	2020	533	301.	80.1
2588.8																		
1	0425	54	0.	.0	2585.0	*	2	0025	294	6421.	172.3	2589.2	*	2	2025	534	298.	80.0
2588.8																		
1	0430	55	0.	.0	2585.0	*	2	0030	295	6371.	172.0	2589.2	*	2	2030	535	295.	79.9
2588.8																		
1	0435	56	0.	.0	2585.0	*	2	0035	296	6323.	171.8	2589.2	*	2	2035	536	291.	79.7
2588.8																		
1	0440	57	0.	.0	2585.0	*	2	0040	297	6279.	171.6	2589.2	*	2	2040	537	288.	79.6
2588.8																		
1	0445	58	0.	.0	2585.0	*	2	0045	298	6237.	171.3	2589.2	*	2	2045	538	285.	79.5
2588.8																		
1	0450	59	0.	.0	2585.0	*	2	0050	299	6196.	171.1	2589.2	*	2	2050	539	281.	79.4
2588.8																		
1	0455	60	0.	.0	2585.0	*	2	0055	300	6158.	170.9	2589.2	*	2	2055	540	278.	79.2
2588.8																		
1	0500	61	0.	.0	2585.0	*	2	0100	301	6120.	170.7	2589.2	*	2	2100	541	274.	79.1
2588.8																		
1	0505	62	0.	.0	2585.0	*	2	0105	302	6083.	170.5	2589.2	*	2	2105	542	271.	79.0
2588.8																		
1	0510	63	0.	.0	2585.0	*	2	0110	303	6048.	170.3	2589.2	*	2	2110	543	268.	78.8
2588.8																		
1	0515	64	0.	.0	2585.0	*	2	0115	304	6014.	170.2	2589.2	*	2	2115	544	264.	78.7
2588.8																		
1	0520	65	0.	.0	2585.0	*	2	0120	305	5979.	170.0	2589.2	*	2	2120	545	261.	78.6
2588.8																		
1	0525	66	0.	.0	2585.0	*	2	0125	306	5945.	169.8	2589.2	*	2	2125	546	258.	78.5
2588.8																		
1	0530	67	0.	.0	2585.0	*	2	0130	307	5911.	169.6	2589.2	*	2	2130	547	255.	78.3
2588.8																		
1	0535	68	0.	.0	2585.0	*	2	0135	308	5879.	169.4	2589.2	*	2	2135	548	252.	78.2
2588.8																		
1	0540	69	0.	.0	2585.0	*	2	0140	309	5849.	169.3	2589.2	*	2	2140	549	248.	78.1
2588.8																		
1	0545	70	0.	.0	2585.0	*	2	0145	310	5821.	169.1	2589.2	*	2	2145	550	245.	77.9
2588.8																		
1	0550	71	0.	.0	2585.0	*	2	0150	311	5794.	169.0	2589.2	*	2	2150	551	241.	77.8
2588.8																		
1	0555	72	0.	.0	2585.0	*	2	0155	312	5768.	168.9	2589.2	*	2	2155	552	237.	77.7
2588.8																		
1	0600	73	0.	.0	2585.0	*	2	0200	313	5744.	168.7	2589.2	*	2	2200	553	234.	77.5
2588.8																		
1	0605	74	0.	.0	2585.0	*	2	0205	314	5720.	168.6	2589.2	*	2	2205	554	230.	77.4
2588.8																		
1	0610	75	0.	.0	2585.0	*	2	0210	315	5699.	168.5	2589.2	*	2	2210	555	227.	77.3
2588.8																		
1	0615	76	0.	.0	2585.0	*	2	0215	316	5678.	168.4	2589.2	*	2	2215	556	224.	77.1
2588.8																		
1	0620	77	0.	.0	2585.0	*	2	0220	317	5659.	168.3	2589.2	*	2	2220	557	221.	77.0
2588.8																		
1	0625	78	0.	.0	2585.0	*	2	0225	318	5638.	168.1	2589.2	*	2	2225	558	218.	76.9
2588.8																		
1	0630	79	0.	.0	2585.0	*	2	0230	319	5617.	168.0	2589.2	*	2	2230	559	214.	76.8
2588.8																		
1	0635	80	0.	.0	2585.0	*	2	0235	320	5595.	167.8	2589.2	*	2	2235	560	211.	76.7
2588.8																		
1	0640	81	0.	.0	2585.0	*	2	0240	321	5571.	167.7	2589.2	*	2	2240	561	208.	76.5
2588.8																		
1	0645	82	0.	.0	2585.0	*	2	0245	322	5547.	167.5	2589.2	*	2	2245	562	205.	76.4
2588.8																		
1	0650	83	0.	.0	2585.0	*	2	0250	323	5526.	167.4	2589.2	*	2	2250	563	202.	76.3
2588.8																		
1	0655	84	0.	.0	2585.0	*	2	0255	324	5509.	167.3	2589.2	*	2	2255	564	199.	76.2
2588.8																		
1	0700	85	0.	.0	2585.0	*	2	0300	325	5493.	167.2	2589.2	*	2	2300	565	196.	76.1
2588.8																		
1	0705	86	0.	.0	2585.0	*	2	0305	326	5474.	167.1	2589.2	*	2	2305	566	193.	76.0
2588.8																		

```
   1    0710  87       0.       .0  2585.0 *  2     0310 327    5452.    166.9  2589.2 *  2     2310 567     190.     75.8
2588.8
   1    0715  88       0.       .0  2585.0 *  2     0315 328    5429.    166.8  2589.2 *  2     2315 568     186.     75.7
2588.8
   1    0720  89       0.       .0  2585.0 *  2     0320 329    5406.    166.6  2589.2 *  2     2320 569     183.     75.6
2588.8
   1    0725  90       0.       .0  2585.0 *  2     0325 330    5384.    166.5  2589.2 *  2     2325 570     180.     75.5
2588.8
   1    0730  91       0.       .0  2585.0 *  2     0330 331    5362.    166.3  2589.2 *  2     2330 571     177.     75.3
2588.8
   1    0735  92       0.       .0  2585.0 *  2     0335 332    5339.    166.2  2589.2 *  2     2335 572     174.     75.2
2588.8
   1    0740  93       0.       .0  2585.0 *  2     0340 333    5316.    166.0  2589.2 *  2     2340 573     171.     75.1
2588.8
   1    0745  94       0.       .0  2585.0 *  2     0345 334    5293.    165.9  2589.2 *  2     2345 574     168.     75.0
2588.8
   1    0750  95       0.       .0  2585.0 *  2     0350 335    5266.    165.7  2589.2 *  2     2350 575     165.     74.9
2588.8
   1    0755  96       0.       .0  2585.0 *  2     0355 336    5236.    165.5  2589.2 *  2     2355 576     163.     74.8
2588.8
   1    0800  97       0.       .0  2585.0 *  2     0400 337    5205.    165.3  2589.2 *  3     0000 577     160.     74.7
2588.8
   1    0805  98       0.       .0  2585.0 *  2     0405 338    5169.    165.1  2589.2 *  3     0005 578     158.     74.6
2588.8
   1    0810  99       0.       .0  2585.0 *  2     0410 339    5128.    164.8  2589.2 *  3     0010 579     155.     74.5
2588.8
   1    0815 100       0.       .0  2585.0 *  2     0415 340    5086.    164.5  2589.2 *  3     0015 580     153.     74.4
2588.8
   1    0820 101       0.       .0  2585.0 *  2     0420 341    5041.    164.2  2589.2 *  3     0020 581     150.     74.3
2588.8
   1    0825 102       0.       .0  2585.0 *  2     0425 342    4994.    163.9  2589.2 *  3     0025 582     148.     74.2
2588.8
   1    0830 103       0.       .0  2585.0 *  2     0430 343    4947.    163.6  2589.2 *  3     0030 583     145.     74.2
2588.8
   1    0835 104       0.       .0  2585.0 *  2     0435 344    4896.    163.3  2589.2 *  3     0035 584     143.     74.1
2588.8
   1    0840 105       0.       .0  2585.0 *  2     0440 345    4841.    163.0  2589.2 *  3     0040 585     140.     74.0
2588.8
   1    0845 106       0.       .0  2585.0 *  2     0445 346    4786.    162.6  2589.2 *  3     0045 586     138.     73.9
2588.8
   1    0850 107       0.       .0  2585.0 *  2     0450 347    4728.    162.2  2589.1 *  3     0050 587     135.     73.8
2588.8
   1    0855 108       0.       .0  2585.0 *  2     0455 348    4668.    161.8  2589.1 *  3     0055 588     133.     73.7
2588.8
   1    0900 109       0.       .0  2585.0 *  2     0500 349    4607.    161.4  2589.1 *  3     0100 589     130.     73.6
2588.8
   1    0905 110       0.       .0  2585.0 *  2     0505 350    4543.    161.0  2589.1 *  3     0105 590     127.     73.5
2588.8
   1    0910 111       0.       .0  2585.0 *  2     0510 351    4477.    160.6  2589.1 *  3     0110 591     125.     73.4
2588.8
   1    0915 112       0.       .0  2585.0 *  2     0515 352    4409.    160.1  2589.1 *  3     0115 592     122.     73.3
2588.8
   1    0920 113       0.       .0  2585.0 *  2     0520 353    4340.    159.7  2589.1 *  3     0120 593     119.     73.2
2588.8
   1    0925 114       0.       .0  2585.0 *  2     0525 354    4269.    159.2  2589.1 *  3     0125 594     117.     73.1
2588.8
   1    0930 115       0.       .0  2585.0 *  2     0530 355    4197.    158.8  2589.1 *  3     0130 595     114.     72.9
2588.8
   1    0935 116       0.       .0  2585.0 *  2     0535 356    4126.    158.3  2589.1 *  3     0135 596     111.     72.8
2588.8
   1    0940 117       0.       .0  2585.0 *  2     0540 357    4056.    157.9  2589.1 *  3     0140 597     109.     72.8
2588.8
   1    0945 118       0.       .0  2585.0 *  2     0545 358    3986.    157.4  2589.1 *  3     0145 598     106.     72.7
2588.8
   1    0950 119       0.       .0  2585.0 *  2     0550 359    3917.    156.9  2589.1 *  3     0150 599     104.     72.6
2588.8
   1    0955 120       0.       .0  2585.0 *  2     0555 360    3850.    156.5  2589.1 *  3     0155 600     102.     72.5
2588.8
   1    1000 121       0.       .0  2585.0 *  2     0600 361    3783.    156.1  2589.1 *  3     0200 601      99.     72.4
2588.8
   1    1005 122       0.       .0  2585.0 *  2     0605 362    3715.    155.6  2589.1 *  3     0205 602      97.     72.3
2588.8
   1    1010 123       0.       .0  2585.0 *  2     0610 363    3648.    155.2  2589.1 *  3     0210 603      95.     72.2
2588.8
   1    1015 124       0.       .0  2585.0 *  2     0615 364    3580.    154.8  2589.1 *  3     0215 604      92.     72.1
2588.8
   1    1020 125       0.       .0  2585.0 *  2     0620 365    3513.    154.3  2589.1 *  3     0220 605      90.     72.0
2588.8
   1    1025 126       0.       .0  2585.0 *  2     0625 366    3449.    153.9  2589.1 *  3     0225 606      88.     72.0
2588.8
   1    1030 127       0.       .0  2585.0 *  2     0630 367    3385.    153.5  2589.1 *  3     0230 607      86.     71.9
2588.8
   1    1035 128       0.       .0  2585.0 *  2     0635 368    3323.    153.1  2589.1 *  3     0235 608      85.     71.8
2588.8
   1    1040 129       0.       .0  2585.0 *  2     0640 369    3263.    152.7  2589.1 *  3     0240 609      83.     71.8
2588.8
   1    1045 130       0.       .0  2585.0 *  2     0645 370    3203.    152.3  2589.1 *  3     0245 610      81.     71.7
2588.8
   1    1050 131       0.       .0  2585.0 *  2     0650 371    3145.    151.9  2589.1 *  3     0250 611      79.     71.6
2588.8
   1    1055 132       0.       .0  2585.0 *  2     0655 372    3090.    151.6  2589.1 *  3     0255 612      78.     71.6
2588.8
   1    1100 133       0.       .0  2585.0 *  2     0700 373    3036.    151.2  2589.1 *  3     0300 613      76.     71.5
2588.8
   1    1105 134       0.       .0  2585.0 *  2     0705 374    2984.    150.9  2589.1 *  3     0305 614      74.     71.4
2588.8
   1    1110 135       0.       .0  2585.0 *  2     0710 375    2935.    150.6  2589.1 *  3     0310 615      73.     71.4
2588.8
   1    1115 136       0.       .0  2585.0 *  2     0715 376    2888.    150.3  2589.0 *  3     0315 616      71.     71.3
2588.8
   1    1120 137       0.       .0  2585.0 *  2     0720 377    2841.    150.0  2589.0 *  3     0320 617      70.     71.3
2588.8
   1    1125 138       0.       .0  2585.0 *  2     0725 378    2794.    149.7  2589.0 *  3     0325 618      68.     71.2
2588.8
   1    1130 139       0.       .0  2585.0 *  2     0730 379    2747.    149.4  2589.0 *  3     0330 619      67.     71.2
2588.8
   1    1135 140       0.       .0  2585.0 *  2     0735 380    2703.    149.1  2589.0 *  3     0335 620      65.     71.1
2588.8
   1    1140 141       0.       .0  2585.0 *  2     0740 381    2664.    148.8  2589.0 *  3     0340 621      64.     71.1
2588.8
   1    1145 142       0.       .0  2585.0 *  2     0745 382    2626.    148.6  2589.0 *  3     0345 622      63.     71.0
2588.8
```

1	1150	143	0.	.0	2585.0	*	2	0750	383	2588.	148.3	2589.0	*	3	0350	623	62.	71.0
2588.8																		
1	1155	144	0.	.0	2585.0	*	2	0755	384	2550.	148.1	2589.0	*	3	0355	624	61.	70.9
2588.8																		
1	1200	145	0.	.0	2585.0	*	2	0800	385	2511.	147.8	2589.0	*	3	0400	625	60.	70.9
2588.8																		
1	1205	146	0.	.0	2585.0	*	2	0805	386	2473.	147.6	2589.0	*	3	0405	626	58.	70.8
2588.8																		
1	1210	147	0.	.0	2585.0	*	2	0810	387	2434.	147.3	2589.0	*	3	0410	627	57.	70.8
2588.8																		
1	1215	148	0.	.0	2585.0	*	2	0815	388	2395.	147.1	2589.0	*	3	0415	628	57.	70.8
2588.8																		
1	1220	149	0.	.0	2585.0	*	2	0820	389	2358.	146.8	2589.0	*	3	0420	629	56.	70.7
2588.8																		
1	1225	150	0.	.0	2585.0	*	2	0825	390	2324.	146.6	2589.0	*	3	0425	630	55.	70.7
2588.8																		
1	1230	151	0.	.0	2585.0	*	2	0830	391	2291.	146.4	2589.0	*	3	0430	631	55.	70.7
2588.8																		
1	1235	152	0.	.0	2585.0	*	2	0835	392	2259.	146.2	2589.0	*	3	0435	632	54.	70.7
2588.8																		
1	1240	153	0.	.0	2585.0	*	2	0840	393	2227.	146.0	2589.0	*	3	0440	633	54.	70.6
2588.8																		
1	1245	154	0.	.0	2585.0	*	2	0845	394	2195.	145.8	2589.0	*	3	0445	634	53.	70.6
2588.8																		
1	1250	155	0.	.0	2585.0	*	2	0850	395	2164.	145.6	2589.0	*	3	0450	635	53.	70.6
2588.8																		
1	1255	156	0.	.0	2585.0	*	2	0855	396	2134.	145.4	2589.0	*	3	0455	636	53.	70.6
2588.8																		
1	1300	157	0.	.0	2585.0	*	2	0900	397	2104.	145.2	2589.0	*	3	0500	637	52.	70.6
2588.8																		
1	1305	158	0.	.0	2585.0	*	2	0905	398	2075.	145.0	2589.0	*	3	0505	638	51.	70.6
2588.8																		
1	1310	159	0.	.0	2585.0	*	2	0910	399	2047.	144.8	2589.0	*	3	0510	639	50.	70.5
2588.8																		
1	1315	160	0.	.0	2585.0	*	2	0915	400	2019.	144.6	2589.0	*	3	0515	640	49.	70.5
2588.8																		
1	1320	161	0.	.1	2585.1	*	2	0920	401	1991.	144.4	2589.0	*	3	0520	641	48.	70.4
2588.8																		
1	1325	162	0.	.1	2585.1	*	2	0925	402	1979.	144.2	2589.0	*	3	0525	642	47.	70.4
2588.8																		
1	1330	163	0.	.1	2585.2	*	2	0930	403	1970.	143.9	2589.0	*	3	0530	643	46.	70.4
2588.8																		
1	1335	164	0.	.1	2585.2	*	2	0935	404	1958.	143.4	2589.0	*	3	0535	644	46.	70.3
2588.8																		
1	1340	165	0.	.2	2585.3	*	2	0940	405	1943.	142.8	2589.0	*	3	0540	645	45.	70.3
2588.8																		
1	1345	166	0.	.2	2585.3	*	2	0945	406	1927.	142.2	2589.0	*	3	0545	646	44.	70.3
2588.8																		
1	1350	167	0.	.3	2585.4	*	2	0950	407	1908.	141.5	2589.0	*	3	0550	647	44.	70.3
2588.8																		
1	1355	168	0.	.4	2585.5	*	2	0955	408	1888.	140.7	2589.0	*	3	0555	648	43.	70.2
2588.8																		
1	1400	169	0.	.4	2585.6	*	2	1000	409	1867.	139.9	2589.0	*	3	0600	649	42.	70.2
2588.8																		
1	1405	170	0.	.5	2585.8	*	2	1005	410	1845.	139.1	2589.0	*	3	0605	650	42.	70.2
2588.8																		
1	1410	171	0.	.7	2585.9	*	2	1010	411	1822.	138.2	2589.0	*	3	0610	651	41.	70.2
2588.8																		
1	1415	172	0.	.8	2586.0	*	2	1015	412	1799.	137.3	2589.0	*	3	0615	652	40.	70.1
2588.8																		
1	1420	173	0.	1.0	2586.0	*	2	1020	413	1775.	136.4	2589.0	*	3	0620	653	39.	70.1
2588.8																		
1	1425	174	0.	1.1	2586.0	*	2	1025	414	1752.	135.5	2589.0	*	3	0625	654	38.	70.1
2588.8																		
1	1430	175	0.	1.3	2586.0	*	2	1030	415	1728.	134.6	2589.0	*	3	0630	655	38.	70.0
2588.8																		
1	1435	176	0.	1.4	2586.0	*	2	1035	416	1704.	133.7	2589.0	*	3	0635	656	37.	70.0
2588.8																		
1	1440	177	0.	1.6	2586.1	*	2	1040	417	1681.	132.8	2589.0	*	3	0640	657	36.	70.0
2588.8																		
1	1445	178	0.	1.7	2586.1	*	2	1045	418	1657.	131.9	2589.0	*	3	0645	658	36.	70.0
2588.8																		
1	1450	179	0.	1.9	2586.1	*	2	1050	419	1633.	131.0	2589.0	*	3	0650	659	35.	69.9
2588.8																		
1	1455	180	0.	2.1	2586.1	*	2	1055	420	1610.	130.1	2589.0	*	3	0655	660	34.	69.9
2588.8																		
1	1500	181	0.	2.3	2586.1	*	2	1100	421	1586.	129.2	2589.0	*	3	0700	661	34.	69.9
2588.8																		
1	1505	182	0.	2.5	2586.1	*	2	1105	422	1563.	128.3	2589.0	*	3	0705	662	33.	69.9
2588.8																		
1	1510	183	0.	2.7	2586.1	*	2	1110	423	1539.	127.4	2589.0	*	3	0710	663	32.	69.8
2588.8																		
1	1515	184	0.	2.9	2586.1	*	2	1115	424	1516.	126.5	2589.0	*	3	0715	664	31.	69.8
2588.8																		
1	1520	185	0.	3.2	2586.1	*	2	1120	425	1492.	125.6	2589.0	*	3	0720	665	30.	69.7
2588.8																		
1	1525	186	0.	3.4	2586.2	*	2	1125	426	1469.	124.7	2588.9	*	3	0725	666	29.	69.7
2588.8																		
1	1530	187	0.	3.7	2586.2	*	2	1130	427	1446.	123.8	2588.9	*	3	0730	667	28.	69.7
2588.8																		
1	1535	188	0.	4.0	2586.2	*	2	1135	428	1423.	123.0	2588.9	*	3	0735	668	27.	69.6
2588.8																		
1	1540	189	0.	4.3	2586.2	*	2	1140	429	1401.	122.1	2588.9	*	3	0740	669	26.	69.6
2588.8																		
1	1545	190	0.	4.7	2586.2	*	2	1145	430	1379.	121.3	2588.9	*	3	0745	670	26.	69.6
2588.8																		
1	1550	191	0.	5.1	2586.3	*	2	1150	431	1358.	120.5	2588.9	*	3	0750	671	25.	69.6
2588.8																		
1	1555	192	0.	5.5	2586.3	*	2	1155	432	1337.	119.7	2588.9	*	3	0755	672	25.	69.5
2588.8																		
1	1600	193	0.	6.1	2586.3	*	2	1200	433	1316.	118.9	2588.9	*	3	0800	673	24.	69.5
2588.8																		
1	1605	194	0.	6.7	2586.4	*	2	1205	434	1296.	118.1	2588.9	*	3	0805	674	24.	69.5
2588.8																		
1	1610	195	0.	7.6	2586.4	*	2	1210	435	1275.	117.3	2588.9	*	3	0810	675	23.	69.5
2588.8																		
1	1615	196	0.	8.6	2586.5	*	2	1215	436	1254.	116.5	2588.9	*	3	0815	676	22.	69.5
2588.8																		
1	1620	197	0.	9.8	2586.5	*	2	1220	437	1233.	115.7	2588.9	*	3	0820	677	22.	69.4
2588.8																		
1	1625	198	0.	11.1	2586.6	*	2	1225	438	1212.	114.9	2588.9	*	3	0825	678	21.	69.4
2588.8																		

```
   1     1630 199       0.     12.6  2586.7 *  2     1230 439    1191.    114.1  2588.9 *  3     0830 679      20.     69.4
2588.8
   1     1635 200       0.     14.4  2586.8 *  2     1235 440    1171.    113.3  2588.9 *  3     0835 680      20.     69.4
2588.8
   1     1640 201       0.     16.3  2586.9 *  2     1240 441    1151.    112.6  2588.9 *  3     0840 681      19.     69.3
2588.8
   1     1645 202       0.     18.5  2587.0 *  2     1245 442    1131.    111.8  2588.9 *  3     0845 682      19.     69.3
2588.8
   1     1650 203       0.     21.0  2587.1 *  2     1250 443    1112.    111.1  2588.9 *  3     0850 683      18.     69.3
2588.8
   1     1655 204       0.     23.9  2587.1 *  2     1255 444    1093.    110.4  2588.9 *  3     0855 684      18.     69.3
2588.8
   1     1700 205       0.     27.2  2587.2 *  2     1300 445    1075.    109.7  2588.9 *  3     0900 685      18.     69.3
2588.8
   1     1705 206       0.     30.9  2587.3 *  2     1305 446    1056.    109.0  2588.9 *  3     0905 686      17.     69.3
2588.8
   1     1710 207       0.     35.1  2587.4 *  2     1310 447    1039.    108.3  2588.9 *  3     0910 687      17.     69.3
2588.8
   1     1715 208       0.     39.7  2587.5 *  2     1315 448    1022.    107.6  2588.9 *  3     0915 688      17.     69.3
2588.8
   1     1720 209       0.     44.7  2587.6 *  2     1320 449    1005.    107.0  2588.9 *  3     0920 689      17.     69.2
2588.8
   1     1725 210       0.     50.0  2587.7 *  2     1325 450     989.    106.4  2588.9 *  3     0925 690      16.     69.2
2588.8
   1     1730 211       0.     55.5  2587.9 *  2     1330 451     973.    105.8  2588.9 *  3     0930 691      16.     69.2
2588.8
   1     1735 212       0.     61.2  2588.0 *  2     1335 452     957.    105.2  2588.9 *  3     0935 692      15.     69.2
2588.8
   1     1740 213       0.     67.2  2588.6 *  2     1340 453     941.    104.6  2588.9 *  3     0940 693      14.     69.1
2588.8
   1     1745 214     113.     72.9  2588.8 *  2     1345 454     926.    104.0  2588.9 *  3     0945 694      13.     69.1
2588.8
   1     1750 215     248.     78.1  2588.8 *  2     1350 455     911.    103.4  2588.9 *  3     0950 695      13.     69.1
2588.8
   1     1755 216     365.     82.5  2588.8 *  2     1355 456     896.    102.8  2588.9 *  3     0955 696      12.     69.1
2588.8
   1     1800 217     468.     86.5  2588.8 *  2     1400 457     882.    102.3  2588.9 *  3     1000 697      12.     69.0
2588.8
   1     1805 218     560.     90.0  2588.9 *  2     1405 458     868.    101.8  2588.9 *  3     1005 698      11.     69.0
2588.8
   1     1810 219     642.     93.1  2588.9 *  2     1410 459     855.    101.3  2588.9 *  3     1010 699      11.     69.0
2588.8
   1     1815 220     717.     96.0  2588.9 *  2     1415 460     841.    100.7  2588.9 *  3     1015 700      10.     69.0
2588.8
   1     1820 221     785.     98.6  2588.9 *  2     1420 461     828.    100.2  2588.9 *  3     1020 701      10.     69.0
2588.8
   1     1825 222     846.    100.9  2588.9 *  2     1425 462     816.     99.8  2588.9 *  3     1025 702       9.     69.0
2588.8
   1     1830 223     903.    103.1  2588.9 *  2     1430 463     803.     99.3  2588.9 *  3     1030 703       9.     68.9
2588.8
   1     1835 224     955.    105.1  2588.9 *  2     1435 464     792.     98.8  2588.9 *  3     1035 704       8.     68.9
2588.8
   1     1840 225    1002.    106.9  2588.9 *  2     1440 465     780.     98.4  2588.9 *  3     1040 705       7.     68.9
2588.8
   1     1845 226    1046.    108.6  2588.9 *  2     1445 466     769.     98.0  2588.9 *  3     1045 706       7.     68.9
2588.8
   1     1850 227    1088.    110.2  2588.9 *  2     1450 467     759.     97.6  2588.9 *  3     1050 707       6.     68.8
2588.8
   1     1855 228    1128.    111.7  2588.9 *  2     1455 468     749.     97.2  2588.9 *  3     1055 708       6.     68.8
2588.8
   1     1900 229    1168.    113.2  2588.9 *  2     1500 469     739.     96.8  2588.9 *  3     1100 709       5.     68.8
2588.8
   1     1905 230    1209.    114.8  2588.9 *  2     1505 470     729.     96.5  2588.9 *  3     1105 710       4.     68.8
2588.8
   1     1910 231    1249.    116.3  2588.9 *  2     1510 471     719.     96.1  2588.9 *  3     1110 711       4.     68.7
2588.8
   1     1915 232    1291.    117.9  2588.9 *  2     1515 472     708.     95.7  2588.9 *  3     1115 712       3.     68.7
2588.8
   1     1920 233    1331.    119.4  2588.9 *  2     1520 473     698.     95.3  2588.9 *  3     1120 713       3.     68.7
2588.8
   1     1925 234    1369.    120.9  2588.9 *  2     1525 474     688.     94.9  2588.9 *  3     1125 714       3.     68.7
2588.8
   1     1930 235    1406.    122.3  2588.9 *  2     1530 475     678.     94.5  2588.9 *  3     1130 715       2.     68.7
2588.8
   1     1935 236    1441.    123.7  2588.9 *  2     1535 476     669.     94.2  2588.9 *  3     1135 716       2.     68.7
2588.8
   1     1940 237    1477.    125.0  2588.9 *  2     1540 477     660.     93.8  2588.9 *  3     1140 717       2.     68.7
2588.8
   1     1945 238    1512.    126.4  2589.0 *  2     1545 478     650.     93.5  2588.9 *  3     1145 718       2.     68.7
2588.8
   1     1950 239    1551.    127.9  2589.0 *  2     1550 479     641.     93.1  2588.9 *  3     1150 719       1.     68.7
2588.8
   1     1955 240    1597.    129.6  2589.0 *  2     1555 480     632.     92.8  2588.9 *  3     1155 720       1.     68.6
2588.8                                         *                                          *

*****************************************************************************************************************************
*

  PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                     6-HR       24-HR       72-HR     59.92-HR
+   (CFS)       (HR)
                          (CFS)
+   10747.     21.17                7530.       3535.       1456.        1456.
                         (INCHES)     .000        .000        .000         .000
                          (AC-FT)    3734.       7011.       7209.        7209.

 PEAK STORAGE   TIME                          MAXIMUM AVERAGE STORAGE
                                     6-HR       24-HR       72-HR     59.92-HR
+  (AC-FT)      (HR)
      195.     21.17                 178.        141.         80.          80.

  PEAK STAGE    TIME                          MAXIMUM AVERAGE STAGE
                                     6-HR       24-HR       72-HR     59.92-HR
+   (FEET)      (HR)
   2589.41     21.17              2589.28     2589.06     2587.88      2587.88

                         CUMULATIVE AREA =     .00 SQ MI
```

*** ***

```
            **************
            *            *
 157 KK     *     CPD    *
            *            *
            **************

 159 KO          OUTPUT CONTROL VARIABLES
                        IPRNT           1  PRINT CONTROL
                        IPLOT           0  PLOT CONTROL
                        QSCAL          0.  HYDROGRAPH PLOT SCALE

 160 HC          HYDROGRAPH COMBINATION
                        ICOMP           2  NUMBER OF HYDROGRAPHS TO COMBINE
```

***

****

HYDROGRAPH AT STATION CPD
SUM OF 2 HYDROGRAPHS
PLAN 1, RATIO = 1.00

****

DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	*	1		1500	181	55.	*	2		0600	361	3783.	*	2		2100	541	274.
1		0005	2	0.	*	1		1505	182	56.	*	2		0605	362	3715.	*	2		2105	542	271.
1		0010	3	0.	*	1		1510	183	57.	*	2		0610	363	3648.	*	2		2110	543	268.
1		0015	4	0.	*	1		1515	184	58.	*	2		0615	364	3580.	*	2		2115	544	264.
1		0020	5	0.	*	1		1520	185	58.	*	2		0620	365	3513.	*	2		2120	545	261.
1		0025	6	0.	*	1		1525	186	55.	*	2		0625	366	3449.	*	2		2125	546	258.
1		0030	7	0.	*	1		1530	187	50.	*	2		0630	367	3385.	*	2		2130	547	255.
1		0035	8	0.	*	1		1535	188	47.	*	2		0635	368	3323.	*	2		2135	548	252.
1		0040	9	0.	*	1		1540	189	48.	*	2		0640	369	3263.	*	2		2140	549	248.
1		0045	10	0.	*	1		1545	190	57.	*	2		0645	370	3203.	*	2		2145	550	245.
1		0050	11	0.	*	1		1550	191	74.	*	2		0650	371	3145.	*	2		2150	551	241.
1		0055	12	0.	*	1		1555	192	86.	*	2		0655	372	3090.	*	2		2155	552	237.
1		0100	13	0.	*	1		1600	193	100.	*	2		0700	373	3036.	*	2		2200	553	234.
1		0105	14	0.	*	1		1605	194	128.	*	2		0705	374	2984.	*	2		2205	554	230.
1		0110	15	0.	*	1		1610	195	148.	*	2		0710	375	2935.	*	2		2210	555	227.
1		0115	16	0.	*	1		1615	196	126.	*	2		0715	376	2888.	*	2		2215	556	224.
1		0120	17	0.	*	1		1620	197	93.	*	2		0720	377	2841.	*	2		2220	557	221.
1		0125	18	0.	*	1		1625	198	79.	*	2		0725	378	2794.	*	2		2225	558	218.
1		0130	19	0.	*	1		1630	199	77.	*	2		0730	379	2747.	*	2		2230	559	214.
1		0135	20	0.	*	1		1635	200	76.	*	2		0735	380	2703.	*	2		2235	560	211.
1		0140	21	0.	*	1		1640	201	75.	*	2		0740	381	2664.	*	2		2240	561	208.
1		0145	22	0.	*	1		1645	202	74.	*	2		0745	382	2626.	*	2		2245	562	205.
1		0150	23	0.	*	1		1650	203	73.	*	2		0750	383	2588.	*	2		2250	563	202.
1		0155	24	0.	*	1		1655	204	73.	*	2		0755	384	2550.	*	2		2255	564	199.
1		0200	25	0.	*	1		1700	205	70.	*	2		0800	385	2511.	*	2		2300	565	196.
1		0205	26	0.	*	1		1705	206	61.	*	2		0805	386	2473.	*	2		2305	566	193.
1		0210	27	0.	*	1		1710	207	45.	*	2		0810	387	2434.	*	2		2310	567	190.
1		0215	28	0.	*	1		1715	208	33.	*	2		0815	388	2395.	*	2		2315	568	186.
1		0220	29	0.	*	1		1720	209	27.	*	2		0820	389	2358.	*	2		2320	569	183.
1		0225	30	0.	*	1		1725	210	23.	*	2		0825	390	2324.	*	2		2325	570	180.
1		0230	31	0.	*	1		1730	211	20.	*	2		0830	391	2291.	*	2		2330	571	177.
1		0235	32	0.	*	1		1735	212	19.	*	2		0835	392	2259.	*	2		2335	572	174.
1		0240	33	0.	*	1		1740	213	17.	*	2		0840	393	2227.	*	2		2340	573	171.
1		0245	34	0.	*	1		1745	214	129.	*	2		0845	394	2195.	*	2		2345	574	168.
1		0250	35	0.	*	1		1750	215	262.	*	2		0850	395	2164.	*	2		2350	575	165.
1		0255	36	0.	*	1		1755	216	379.	*	2		0855	396	2134.	*	2		2355	576	163.
1		0300	37	0.	*	1		1800	217	481.	*	2		0900	397	2104.	*	3		0000	577	160.
1		0305	38	0.	*	1		1805	218	572.	*	2		0905	398	2075.	*	3		0005	578	158.
1		0310	39	0.	*	1		1810	219	654.	*	2		0910	399	2047.	*	3		0010	579	155.
1		0315	40	0.	*	1		1815	220	729.	*	2		0915	400	2019.	*	3		0015	580	153.
1		0320	41	0.	*	1		1820	221	797.	*	2		0920	401	1991.	*	3		0020	581	150.
1		0325	42	0.	*	1		1825	222	858.	*	2		0925	402	1979.	*	3		0025	582	148.
1		0330	43	0.	*	1		1830	223	915.	*	2		0930	403	1970.	*	3		0030	583	145.
1		0335	44	0.	*	1		1835	224	967.	*	2		0935	404	1958.	*	3		0035	584	143.
1		0340	45	0.	*	1		1840	225	1014.	*	2		0940	405	1943.	*	3		0040	585	140.
1		0345	46	1.	*	1		1845	226	1058.	*	2		0945	406	1927.	*	3		0045	586	138.
1		0350	47	1.	*	1		1850	227	1099.	*	2		0950	407	1908.	*	3		0050	587	135.
1		0355	48	1.	*	1		1855	228	1140.	*	2		0955	408	1888.	*	3		0055	588	133.
1		0400	49	1.	*	1		1900	229	1180.	*	2		1000	409	1867.	*	3		0100	589	130.
1		0405	50	1.	*	1		1905	230	1220.	*	2		1005	410	1845.	*	3		0105	590	127.
1		0410	51	1.	*	1		1910	231	1261.	*	2		1010	411	1822.	*	3		0110	591	125.
1		0415	52	1.	*	1		1915	232	1302.	*	2		1015	412	1799.	*	3		0115	592	122.
1		0420	53	1.	*	1		1920	233	1342.	*	2		1020	413	1775.	*	3		0120	593	119.
1		0425	54	1.	*	1		1925	234	1380.	*	2		1025	414	1752.	*	3		0125	594	117.
1		0430	55	2.	*	1		1930	235	1417.	*	2		1030	415	1728.	*	3		0130	595	114.
1		0435	56	2.	*	1		1935	236	1453.	*	2		1035	416	1704.	*	3		0135	596	111.
1		0440	57	2.	*	1		1940	237	1488.	*	2		1040	417	1681.	*	3		0140	597	109.
1		0445	58	2.	*	1		1945	238	1523.	*	2		1045	418	1657.	*	3		0145	598	106.
1		0450	59	2.	*	1		1950	239	1562.	*	2		1050	419	1633.	*	3		0150	599	104.
1		0455	60	2.	*	1		1955	240	1609.	*	2		1055	420	1610.	*	3		0155	600	102.
1		0500	61	2.	*	1		2000	241	1661.	*	2		1100	421	1586.	*	3		0200	601	99.
1		0505	62	2.	*	1		2005	242	1786.	*	2		1105	422	1563.	*	3		0205	602	97.
1		0510	63	2.	*	1		2010	243	2173.	*	2		1110	423	1539.	*	3		0210	603	95.
1		0515	64	2.	*	1		2015	244	3584.	*	2		1115	424	1516.	*	3		0215	604	92.
1		0520	65	3.	*	1		2020	245	4726.	*	2		1120	425	1492.	*	3		0220	605	90.
1		0525	66	3.	*	1		2025	246	5899.	*	2		1125	426	1469.	*	3		0225	606	88.
1		0530	67	3.	*	1		2030	247	7187.	*	2		1130	427	1446.	*	3		0230	607	86.
1		0535	68	3.	*	1		2035	248	8093.	*	2		1135	428	1423.	*	3		0235	608	85.
1		0540	69	3.	*	1		2040	249	8643.	*	2		1140	429	1401.	*	3		0240	609	83.
1		0545	70	3.	*	1		2045	250	9118.	*	2		1145	430	1379.	*	3		0245	610	81.
1		0550	71	3.	*	1		2050	251	9569.	*	2		1150	431	1358.	*	3		0250	611	79.
1		0555	72	3.	*	1		2055	252	10006.	*	2		1155	432	1337.	*	3		0255	612	78.
1		0600	73	3.	*	1		2100	253	10440.	*	2		1200	433	1316.	*	3		0300	613	76.
1		0605	74	3.	*	1		2105	254	10741.	*	2		1205	434	1296.	*	3		0305	614	74.
1		0610	75	3.	*	1		2110	255	10758.	*	2		1210	435	1275.	*	3		0310	615	73.
1		0615	76	4.	*	1		2115	256	10658.	*	2		1215	436	1254.	*	3		0315	616	71.
1		0620	77	4.	*	1		2120	257	10518.	*	2		1220	437	1233.	*	3		0320	617	70.
1		0625	78	4.	*	1		2125	258	10362.	*	2		1225	438	1212.	*	3		0325	618	68.

1	0630	79	4.	*	1	2130	259	10190.	*	2	1230	439	1191.	*	3	0330	619	67.
1	0635	80	4.	*	1	2135	260	10018.	*	2	1235	440	1171.	*	3	0335	620	65.
1	0640	81	4.	*	1	2140	261	9849.	*	2	1240	441	1151.	*	3	0340	621	64.
1	0645	82	4.	*	1	2145	262	9680.	*	2	1245	442	1131.	*	3	0345	622	63.
1	0650	83	4.	*	1	2150	263	9511.	*	2	1250	443	1112.	*	3	0350	623	62.
1	0655	84	4.	*	1	2155	264	9341.	*	2	1255	444	1093.	*	3	0355	624	61.
1	0700	85	4.	*	1	2200	265	9170.	*	2	1300	445	1075.	*	3	0400	625	60.
1	0705	86	4.	*	1	2205	266	9002.	*	2	1305	446	1056.	*	3	0405	626	58.
1	0710	87	4.	*	1	2210	267	8838.	*	2	1310	447	1039.	*	3	0410	627	57.
1	0715	88	4.	*	1	2215	268	8675.	*	2	1315	448	1022.	*	3	0415	628	57.
1	0720	89	5.	*	1	2220	269	8521.	*	2	1320	449	1005.	*	3	0420	629	56.
1	0725	90	5.	*	1	2225	270	8376.	*	2	1325	450	989.	*	3	0425	630	55.
1	0730	91	5.	*	1	2230	271	8233.	*	2	1330	451	973.	*	3	0430	631	55.
1	0735	92	5.	*	1	2235	272	8101.	*	2	1335	452	957.	*	3	0435	632	54.
1	0740	93	5.	*	1	2240	273	7982.	*	2	1340	453	941.	*	3	0440	633	54.
1	0745	94	5.	*	1	2245	274	7865.	*	2	1345	454	926.	*	3	0445	634	53.
1	0750	95	5.	*	1	2250	275	7756.	*	2	1350	455	911.	*	3	0450	635	53.
1	0755	96	5.	*	1	2255	276	7655.	*	2	1355	456	896.	*	3	0455	636	53.
1	0800	97	5.	*	1	2300	277	7555.	*	2	1400	457	882.	*	3	0500	637	52.
1	0805	98	5.	*	1	2305	278	7461.	*	2	1405	458	868.	*	3	0505	638	51.
1	0810	99	5.	*	1	2310	279	7374.	*	2	1410	459	855.	*	3	0510	639	50.
1	0815	100	5.	*	1	2315	280	7288.	*	2	1415	460	841.	*	3	0515	640	49.
1	0820	101	5.	*	1	2320	281	7208.	*	2	1420	461	828.	*	3	0520	641	48.
1	0825	102	5.	*	1	2325	282	7135.	*	2	1425	462	816.	*	3	0525	642	47.
1	0830	103	5.	*	1	2330	283	7063.	*	2	1430	463	803.	*	3	0530	643	46.
1	0835	104	6.	*	1	2335	284	6995.	*	2	1435	464	792.	*	3	0535	644	46.
1	0840	105	6.	*	1	2340	285	6930.	*	2	1440	465	780.	*	3	0540	645	45.
1	0845	106	6.	*	1	2345	286	6866.	*	2	1445	466	769.	*	3	0545	646	44.
1	0850	107	6.	*	1	2350	287	6807.	*	2	1450	467	759.	*	3	0550	647	44.
1	0855	108	6.	*	1	2355	288	6752.	*	2	1455	468	749.	*	3	0555	648	43.
1	0900	109	6.	*	2	0000	289	6697.	*	2	1500	469	739.	*	3	0600	649	42.
1	0905	110	6.	*	2	0005	290	6643.	*	2	1505	470	729.	*	3	0605	650	42.
1	0910	111	6.	*	2	0010	291	6588.	*	2	1510	471	719.	*	3	0610	651	41.
1	0915	112	6.	*	2	0015	292	6531.	*	2	1515	472	708.	*	3	0615	652	40.
1	0920	113	6.	*	2	0020	293	6477.	*	2	1520	473	698.	*	3	0620	653	39.
1	0925	114	6.	*	2	0025	294	6424.	*	2	1525	474	688.	*	3	0625	654	38.
1	0930	115	6.	*	2	0030	295	6373.	*	2	1530	475	678.	*	3	0630	655	38.
1	0935	116	6.	*	2	0035	296	6325.	*	2	1535	476	669.	*	3	0635	656	37.
1	0940	117	6.	*	2	0040	297	6281.	*	2	1540	477	660.	*	3	0640	657	36.
1	0945	118	6.	*	2	0045	298	6238.	*	2	1545	478	650.	*	3	0645	658	36.
1	0950	119	6.	*	2	0050	299	6197.	*	2	1550	479	641.	*	3	0650	659	35.
1	0955	120	6.	*	2	0055	300	6159.	*	2	1555	480	632.	*	3	0655	660	34.
1	1000	121	6.	*	2	0100	301	6121.	*	2	1600	481	623.	*	3	0700	661	34.
1	1005	122	6.	*	2	0105	302	6084.	*	2	1605	482	614.	*	3	0705	662	33.
1	1010	123	6.	*	2	0110	303	6049.	*	2	1610	483	606.	*	3	0710	663	32.
1	1015	124	7.	*	2	0115	304	6014.	*	2	1615	484	597.	*	3	0715	664	31.
1	1020	125	7.	*	2	0120	305	5980.	*	2	1620	485	589.	*	3	0720	665	30.
1	1025	126	7.	*	2	0125	306	5945.	*	2	1625	486	581.	*	3	0725	666	29.
1	1030	127	7.	*	2	0130	307	5911.	*	2	1630	487	573.	*	3	0730	667	28.
1	1035	128	7.	*	2	0135	308	5879.	*	2	1635	488	565.	*	3	0735	668	27.
1	1040	129	7.	*	2	0140	309	5849.	*	2	1640	489	558.	*	3	0740	669	26.
1	1045	130	7.	*	2	0145	310	5821.	*	2	1645	490	550.	*	3	0745	670	26.
1	1050	131	7.	*	2	0150	311	5794.	*	2	1650	491	543.	*	3	0750	671	25.
1	1055	132	7.	*	2	0155	312	5768.	*	2	1655	492	535.	*	3	0755	672	25.
1	1100	133	7.	*	2	0200	313	5744.	*	2	1700	493	528.	*	3	0800	673	24.
1	1105	134	7.	*	2	0205	314	5720.	*	2	1705	494	520.	*	3	0805	674	24.
1	1110	135	7.	*	2	0210	315	5699.	*	2	1710	495	513.	*	3	0810	675	23.
1	1115	136	7.	*	2	0215	316	5678.	*	2	1715	496	505.	*	3	0815	676	22.
1	1120	137	7.	*	2	0220	317	5659.	*	2	1720	497	497.	*	3	0820	677	22.
1	1125	138	7.	*	2	0225	318	5638.	*	2	1725	498	490.	*	3	0825	678	21.
1	1130	139	7.	*	2	0230	319	5617.	*	2	1730	499	482.	*	3	0830	679	20.
1	1135	140	7.	*	2	0235	320	5595.	*	2	1735	500	474.	*	3	0835	680	20.
1	1140	141	7.	*	2	0240	321	5571.	*	2	1740	501	467.	*	3	0840	681	19.
1	1145	142	7.	*	2	0245	322	5547.	*	2	1745	502	460.	*	3	0845	682	19.
1	1150	143	7.	*	2	0250	323	5526.	*	2	1750	503	453.	*	3	0850	683	18.
1	1155	144	7.	*	2	0255	324	5509.	*	2	1755	504	446.	*	3	0855	684	18.
1	1200	145	7.	*	2	0300	325	5493.	*	2	1800	505	440.	*	3	0900	685	18.
1	1205	146	7.	*	2	0305	326	5474.	*	2	1805	506	434.	*	3	0905	686	17.
1	1210	147	7.	*	2	0310	327	5452.	*	2	1810	507	428.	*	3	0910	687	17.
1	1215	148	7.	*	2	0315	328	5429.	*	2	1815	508	422.	*	3	0915	688	17.
1	1220	149	7.	*	2	0320	329	5406.	*	2	1820	509	416.	*	3	0920	689	17.
1	1225	150	7.	*	2	0325	330	5384.	*	2	1825	510	410.	*	3	0925	690	16.
1	1230	151	6.	*	2	0330	331	5362.	*	2	1830	511	405.	*	3	0930	691	16.
1	1235	152	6.	*	2	0335	332	5339.	*	2	1835	512	399.	*	3	0935	692	15.
1	1240	153	6.	*	2	0340	333	5316.	*	2	1840	513	393.	*	3	0940	693	14.
1	1245	154	6.	*	2	0345	334	5293.	*	2	1845	514	387.	*	3	0945	694	13.
1	1250	155	6.	*	2	0350	335	5266.	*	2	1850	515	382.	*	3	0950	695	13.
1	1255	156	6.	*	2	0355	336	5236.	*	2	1855	516	376.	*	3	0955	696	12.
1	1300	157	6.	*	2	0400	337	5205.	*	2	1900	517	371.	*	3	1000	697	12.
1	1305	158	6.	*	2	0405	338	5169.	*	2	1905	518	365.	*	3	1005	698	11.
1	1310	159	6.	*	2	0410	339	5128.	*	2	1910	519	360.	*	3	1010	699	11.
1	1315	160	6.	*	2	0415	340	5086.	*	2	1915	520	354.	*	3	1015	700	10.
1	1320	161	6.	*	2	0420	341	5041.	*	2	1920	521	349.	*	3	1020	701	10.
1	1325	162	6.	*	2	0425	342	4994.	*	2	1925	522	345.	*	3	1025	702	9.
1	1330	163	6.	*	2	0430	343	4947.	*	2	1930	523	341.	*	3	1030	703	9.
1	1335	164	7.	*	2	0435	344	4896.	*	2	1935	524	336.	*	3	1035	704	8.
1	1340	165	7.	*	2	0440	345	4841.	*	2	1940	525	332.	*	3	1040	705	7.
1	1345	166	7.	*	2	0445	346	4786.	*	2	1945	526	328.	*	3	1045	706	7.
1	1350	167	7.	*	2	0450	347	4728.	*	2	1950	527	323.	*	3	1050	707	6.
1	1355	168	7.	*	2	0455	348	4668.	*	2	1955	528	319.	*	3	1055	708	6.
1	1400	169	8.	*	2	0500	349	4607.	*	2	2000	529	315.	*	3	1100	709	5.
1	1405	170	15.	*	2	0505	350	4543.	*	2	2005	530	312.	*	3	1105	710	4.
1	1410	171	26.	*	2	0510	351	4477.	*	2	2010	531	308.	*	3	1110	711	4.
1	1415	172	35.	*	2	0515	352	4409.	*	2	2015	532	305.	*	3	1115	712	3.
1	1420	173	40.	*	2	0520	353	4340.	*	2	2020	533	301.	*	3	1120	713	3.
1	1425	174	43.	*	2	0525	354	4269.	*	2	2025	534	298.	*	3	1125	714	3.
1	1430	175	46.	*	2	0530	355	4197.	*	2	2030	535	295.	*	3	1130	715	2.
1	1435	176	48.	*	2	0535	356	4126.	*	2	2035	536	291.	*	3	1135	716	2.
1	1440	177	50.	*	2	0540	357	4056.	*	2	2040	537	288.	*	3	1140	717	2.
1	1445	178	51.	*	2	0545	358	3986.	*	2	2045	538	285.	*	3	1145	718	2.
1	1450	179	53.	*	2	0550	359	3917.	*	2	2050	539	281.	*	3	1150	719	1.
1	1455	180	54.	*	2	0555	360	3850.	*	2	2055	540	278.	*	3	1155	720	1.
				*					*					*				

****
*

PEAK FLOW (CFS)	TIME (HR)	MAXIMUM AVERAGE FLOW (CFS) 6-HR	24-HR	72-HR	59.92-HR
+ 10758.	21.17	7538.	3538.	1462.	1462.

(INCHES)	250.287	469.874	484.641	484.641
(AC-FT)	3738.	7017.	7237.	7237.

CUMULATIVE AREA = .28 SQ MI

****
*

HYDROGRAPH AT STATION CPD
SUM OF 2 HYDROGRAPHS
PLAN 1, RATIO = .98

****
*

DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1500	181	54.	2		0600	361	3783.	2		2100	541	274.
1		0005	2	0.	1		1505	182	55.	2		0605	362	3715.	2		2105	542	271.
1		0010	3	0.	1		1510	183	56.	2		0610	363	3648.	2		2110	543	268.
1		0015	4	0.	1		1515	184	57.	2		0615	364	3580.	2		2115	544	264.
1		0020	5	0.	1		1520	185	57.	2		0620	365	3513.	2		2120	545	261.
1		0025	6	0.	1		1525	186	54.	2		0625	366	3449.	2		2125	546	258.
1		0030	7	0.	1		1530	187	49.	2		0630	367	3385.	2		2130	547	255.
1		0035	8	0.	1		1535	188	45.	2		0635	368	3323.	2		2135	548	252.
1		0040	9	0.	1		1540	189	46.	2		0640	369	3263.	2		2140	549	248.
1		0045	10	0.	1		1545	190	56.	2		0645	370	3203.	2		2145	550	245.
1		0050	11	0.	1		1550	191	72.	2		0650	371	3145.	2		2150	551	241.
1		0055	12	0.	1		1555	192	84.	2		0655	372	3090.	2		2155	552	237.
1		0100	13	0.	1		1600	193	98.	2		0700	373	3036.	2		2200	553	234.
1		0105	14	0.	1		1605	194	124.	2		0705	374	2984.	2		2205	554	230.
1		0110	15	0.	1		1610	195	144.	2		0710	375	2935.	2		2210	555	227.
1		0115	16	0.	1		1615	196	123.	2		0715	376	2888.	2		2215	556	224.
1		0120	17	0.	1		1620	197	91.	2		0720	377	2841.	2		2220	557	221.
1		0125	18	0.	1		1625	198	77.	2		0725	378	2794.	2		2225	558	218.
1		0130	19	0.	1		1630	199	75.	2		0730	379	2747.	2		2230	559	214.
1		0135	20	0.	1		1635	200	74.	2		0735	380	2703.	2		2235	560	211.
1		0140	21	0.	1		1640	201	73.	2		0740	381	2664.	2		2240	561	208.
1		0145	22	0.	1		1645	202	72.	2		0745	382	2626.	2		2245	562	205.
1		0150	23	0.	1		1650	203	72.	2		0750	383	2588.	2		2250	563	202.
1		0155	24	0.	1		1655	204	71.	2		0755	384	2550.	2		2255	564	199.
1		0200	25	0.	1		1700	205	69.	2		0800	385	2511.	2		2300	565	196.
1		0205	26	0.	1		1705	206	60.	2		0805	386	2473.	2		2305	566	193.
1		0210	27	0.	1		1710	207	44.	2		0810	387	2434.	2		2310	567	190.
1		0215	28	0.	1		1715	208	33.	2		0815	388	2395.	2		2315	568	186.
1		0220	29	0.	1		1720	209	27.	2		0820	389	2358.	2		2320	569	183.
1		0225	30	0.	1		1725	210	22.	2		0825	390	2324.	2		2325	570	180.
1		0230	31	0.	1		1730	211	20.	2		0830	391	2291.	2		2330	571	177.
1		0235	32	0.	1		1735	212	18.	2		0835	392	2259.	2		2335	572	174.
1		0240	33	0.	1		1740	213	17.	2		0840	393	2227.	2		2340	573	171.
1		0245	34	0.	1		1745	214	129.	2		0845	394	2195.	2		2345	574	168.
1		0250	35	0.	1		1750	215	262.	2		0850	395	2164.	2		2350	575	165.
1		0255	36	0.	1		1755	216	378.	2		0855	396	2134.	2		2355	576	163.
1		0300	37	0.	1		1800	217	480.	2		0900	397	2104.	3		0000	577	160.
1		0305	38	0.	1		1805	218	572.	2		0905	398	2075.	3		0005	578	158.
1		0310	39	0.	1		1810	219	654.	2		0910	399	2047.	3		0010	579	155.
1		0315	40	0.	1		1815	220	729.	2		0915	400	2019.	3		0015	580	153.
1		0320	41	0.	1		1820	221	796.	2		0920	401	1991.	3		0020	581	150.
1		0325	42	0.	1		1825	222	858.	2		0925	402	1979.	3		0025	582	148.
1		0330	43	0.	1		1830	223	915.	2		0930	403	1970.	3		0030	583	145.
1		0335	44	0.	1		1835	224	966.	2		0935	404	1958.	3		0035	584	143.
1		0340	45	0.	1		1840	225	1014.	2		0940	405	1943.	3		0040	585	140.
1		0345	46	0.	1		1845	226	1057.	2		0945	406	1927.	3		0045	586	138.
1		0350	47	1.	1		1850	227	1099.	2		0950	407	1908.	3		0050	587	135.
1		0355	48	1.	1		1855	228	1139.	2		0955	408	1888.	3		0055	588	133.
1		0400	49	1.	1		1900	229	1179.	2		1000	409	1867.	3		0100	589	130.
1		0405	50	1.	1		1905	230	1220.	2		1005	410	1845.	3		0105	590	127.
1		0410	51	1.	1		1910	231	1260.	2		1010	411	1822.	3		0110	591	125.
1		0415	52	1.	1		1915	232	1302.	2		1015	412	1799.	3		0115	592	122.
1		0420	53	1.	1		1920	233	1342.	2		1020	413	1775.	3		0120	593	119.
1		0425	54	1.	1		1925	234	1380.	2		1025	414	1752.	3		0125	594	117.
1		0430	55	1.	1		1930	235	1417.	2		1030	415	1728.	3		0130	595	114.
1		0435	56	2.	1		1935	236	1452.	2		1035	416	1704.	3		0135	596	111.
1		0440	57	2.	1		1940	237	1488.	2		1040	417	1681.	3		0140	597	109.
1		0445	58	2.	1		1945	238	1523.	2		1045	418	1657.	3		0145	598	106.
1		0450	59	2.	1		1950	239	1562.	2		1050	419	1633.	3		0150	599	104.
1		0455	60	2.	1		1955	240	1608.	2		1055	420	1610.	3		0155	600	102.
1		0500	61	2.	1		2000	241	1661.	2		1100	421	1586.	3		0200	601	99.
1		0505	62	2.	1		2005	242	1785.	2		1105	422	1563.	3		0205	602	97.
1		0510	63	2.	1		2010	243	2173.	2		1110	423	1539.	3		0210	603	95.
1		0515	64	2.	1		2015	244	3583.	2		1115	424	1516.	3		0215	604	92.
1		0520	65	2.	1		2020	245	4725.	2		1120	425	1492.	3		0220	605	90.
1		0525	66	3.	1		2025	246	5898.	2		1125	426	1469.	3		0225	606	88.
1		0530	67	3.	1		2030	247	7187.	2		1130	427	1446.	3		0230	607	86.
1		0535	68	3.	1		2035	248	8092.	2		1135	428	1423.	3		0235	608	85.
1		0540	69	3.	1		2040	249	8643.	2		1140	429	1401.	3		0240	609	83.
1		0545	70	3.	1		2045	250	9118.	2		1145	430	1379.	3		0245	610	81.
1		0550	71	3.	1		2050	251	9569.	2		1150	431	1358.	3		0250	611	79.
1		0555	72	3.	1		2055	252	10006.	2		1155	432	1337.	3		0255	612	78.
1		0600	73	3.	1		2100	253	10439.	2		1200	433	1316.	3		0300	613	76.
1		0605	74	3.	1		2105	254	10741.	2		1205	434	1296.	3		0305	614	74.
1		0610	75	3.	1		2110	255	10758.	2		1210	435	1275.	3		0310	615	73.
1		0615	76	3.	1		2115	256	10657.	2		1215	436	1254.	3		0315	616	71.
1		0620	77	3.	1		2120	257	10518.	2		1220	437	1233.	3		0320	617	70.
1		0625	78	4.	1		2125	258	10361.	2		1225	438	1212.	3		0325	618	68.
1		0630	79	4.	1		2130	259	10189.	2		1230	439	1191.	3		0330	619	67.
1		0635	80	4.	1		2135	260	10017.	2		1235	440	1171.	3		0335	620	65.
1		0640	81	4.	1		2140	261	9848.	2		1240	441	1151.	3		0340	621	64.
1		0645	82	4.	1		2145	262	9680.	2		1245	442	1131.	3		0345	622	63.
1		0650	83	4.	1		2150	263	9511.	2		1250	443	1112.	3		0350	623	62.
1		0655	84	4.	1		2155	264	9340.	2		1255	444	1093.	3		0355	624	61.
1		0700	85	4.	1		2200	265	9170.	2		1300	445	1075.	3		0400	625	60.
1		0705	86	4.	1		2205	266	9002.	2		1305	446	1056.	3		0405	626	58.
1		0710	87	4.	1		2210	267	8838.	2		1310	447	1039.	3		0410	627	57.
1		0715	88	4.	1		2215	268	8675.	2		1315	448	1022.	3		0415	628	57.
1		0720	89	4.	1		2220	269	8520.	2		1320	449	1005.	3		0420	629	56.
1		0725	90	4.	1		2225	270	8376.	2		1325	450	989.	3		0425	630	55.
1		0730	91	4.	1		2230	271	8233.	2		1330	451	973.	3		0430	631	55.
1		0735	92	5.	1		2235	272	8101.	2		1335	452	957.	3		0435	632	54.

1	0740	93	5.	*	1	2240	273	7982.	*	2	1340	453	941.	*	3	0440	633	54.
1	0745	94	5.	*	1	2245	274	7865.	*	2	1345	454	926.	*	3	0445	634	53.
1	0750	95	5.	*	1	2250	275	7756.	*	2	1350	455	911.	*	3	0450	635	53.
1	0755	96	5.	*	1	2255	276	7654.	*	2	1355	456	896.	*	3	0455	636	53.
1	0800	97	5.	*	1	2300	277	7555.	*	2	1400	457	882.	*	3	0500	637	52.
1	0805	98	5.	*	1	2305	278	7461.	*	2	1405	458	868.	*	3	0505	638	51.
1	0810	99	5.	*	1	2310	279	7373.	*	2	1410	459	855.	*	3	0510	639	50.
1	0815	100	5.	*	1	2315	280	7288.	*	2	1415	460	841.	*	3	0515	640	49.
1	0820	101	5.	*	1	2320	281	7208.	*	2	1420	461	828.	*	3	0520	641	48.
1	0825	102	5.	*	1	2325	282	7134.	*	2	1425	462	816.	*	3	0525	642	47.
1	0830	103	5.	*	1	2330	283	7063.	*	2	1430	463	803.	*	3	0530	643	46.
1	0835	104	5.	*	1	2335	284	6994.	*	2	1435	464	792.	*	3	0535	644	46.
1	0840	105	5.	*	1	2340	285	6930.	*	2	1440	465	780.	*	3	0540	645	45.
1	0845	106	5.	*	1	2345	286	6866.	*	2	1445	466	769.	*	3	0545	646	44.
1	0850	107	5.	*	1	2350	287	6806.	*	2	1450	467	759.	*	3	0550	647	44.
1	0855	108	6.	*	1	2355	288	6751.	*	2	1455	468	749.	*	3	0555	648	43.
1	0900	109	6.	*	2	0000	289	6697.	*	2	1500	469	739.	*	3	0600	649	42.
1	0905	110	6.	*	2	0005	290	6643.	*	2	1505	470	729.	*	3	0605	650	42.
1	0910	111	6.	*	2	0010	291	6588.	*	2	1510	471	719.	*	3	0610	651	41.
1	0915	112	6.	*	2	0015	292	6531.	*	2	1515	472	708.	*	3	0615	652	40.
1	0920	113	6.	*	2	0020	293	6476.	*	2	1520	473	698.	*	3	0620	653	39.
1	0925	114	6.	*	2	0025	294	6424.	*	2	1525	474	688.	*	3	0625	654	38.
1	0930	115	6.	*	2	0030	295	6373.	*	2	1530	475	678.	*	3	0630	655	38.
1	0935	116	6.	*	2	0035	296	6325.	*	2	1535	476	669.	*	3	0635	656	37.
1	0940	117	6.	*	2	0040	297	6281.	*	2	1540	477	660.	*	3	0640	657	36.
1	0945	118	6.	*	2	0045	298	6238.	*	2	1545	478	650.	*	3	0645	658	36.
1	0950	119	6.	*	2	0050	299	6197.	*	2	1550	479	641.	*	3	0650	659	35.
1	0955	120	6.	*	2	0055	300	6159.	*	2	1555	480	632.	*	3	0655	660	34.
1	1000	121	6.	*	2	0100	301	6121.	*	2	1600	481	623.	*	3	0700	661	34.
1	1005	122	6.	*	2	0105	302	6084.	*	2	1605	482	614.	*	3	0705	662	33.
1	1010	123	6.	*	2	0110	303	6049.	*	2	1610	483	606.	*	3	0710	663	32.
1	1015	124	6.	*	2	0115	304	6014.	*	2	1615	484	597.	*	3	0715	664	31.
1	1020	125	6.	*	2	0120	305	5980.	*	2	1620	485	589.	*	3	0720	665	30.
1	1025	126	6.	*	2	0125	306	5945.	*	2	1625	486	581.	*	3	0725	666	29.
1	1030	127	6.	*	2	0130	307	5911.	*	2	1630	487	573.	*	3	0730	667	28.
1	1035	128	6.	*	2	0135	308	5879.	*	2	1635	488	565.	*	3	0735	668	27.
1	1040	129	7.	*	2	0140	309	5849.	*	2	1640	489	558.	*	3	0740	669	26.
1	1045	130	7.	*	2	0145	310	5821.	*	2	1645	490	550.	*	3	0745	670	26.
1	1050	131	7.	*	2	0150	311	5794.	*	2	1650	491	543.	*	3	0750	671	25.
1	1055	132	7.	*	2	0155	312	5768.	*	2	1655	492	535.	*	3	0755	672	25.
1	1100	133	7.	*	2	0200	313	5744.	*	2	1700	493	528.	*	3	0800	673	24.
1	1105	134	7.	*	2	0205	314	5720.	*	2	1705	494	520.	*	3	0805	674	24.
1	1110	135	7.	*	2	0210	315	5699.	*	2	1710	495	513.	*	3	0810	675	23.
1	1115	136	7.	*	2	0215	316	5678.	*	2	1715	496	505.	*	3	0815	676	22.
1	1120	137	7.	*	2	0220	317	5659.	*	2	1720	497	497.	*	3	0820	677	22.
1	1125	138	7.	*	2	0225	318	5638.	*	2	1725	498	490.	*	3	0825	678	21.
1	1130	139	7.	*	2	0230	319	5617.	*	2	1730	499	482.	*	3	0830	679	20.
1	1135	140	7.	*	2	0235	320	5595.	*	2	1735	500	474.	*	3	0835	680	20.
1	1140	141	7.	*	2	0240	321	5571.	*	2	1740	501	467.	*	3	0840	681	19.
1	1145	142	7.	*	2	0245	322	5547.	*	2	1745	502	460.	*	3	0845	682	19.
1	1150	143	7.	*	2	0250	323	5526.	*	2	1750	503	453.	*	3	0850	683	18.
1	1155	144	7.	*	2	0255	324	5509.	*	2	1755	504	446.	*	3	0855	684	18.
1	1200	145	7.	*	2	0300	325	5493.	*	2	1800	505	440.	*	3	0900	685	18.
1	1205	146	7.	*	2	0305	326	5474.	*	2	1805	506	434.	*	3	0905	686	17.
1	1210	147	7.	*	2	0310	327	5452.	*	2	1810	507	428.	*	3	0910	687	17.
1	1215	148	7.	*	2	0315	328	5429.	*	2	1815	508	422.	*	3	0915	688	17.
1	1220	149	6.	*	2	0320	329	5406.	*	2	1820	509	416.	*	3	0920	689	17.
1	1225	150	6.	*	2	0325	330	5384.	*	2	1825	510	410.	*	3	0925	690	16.
1	1230	151	6.	*	2	0330	331	5362.	*	2	1830	511	405.	*	3	0930	691	16.
1	1235	152	6.	*	2	0335	332	5339.	*	2	1835	512	399.	*	3	0935	692	15.
1	1240	153	6.	*	2	0340	333	5316.	*	2	1840	513	393.	*	3	0940	693	14.
1	1245	154	6.	*	2	0345	334	5293.	*	2	1845	514	387.	*	3	0945	694	13.
1	1250	155	6.	*	2	0350	335	5266.	*	2	1850	515	382.	*	3	0950	695	13.
1	1255	156	6.	*	2	0355	336	5236.	*	2	1855	516	376.	*	3	0955	696	12.
1	1300	157	6.	*	2	0400	337	5205.	*	2	1900	517	371.	*	3	1000	697	12.
1	1305	158	6.	*	2	0405	338	5169.	*	2	1905	518	365.	*	3	1005	698	11.
1	1310	159	6.	*	2	0410	339	5128.	*	2	1910	519	360.	*	3	1010	699	11.
1	1315	160	6.	*	2	0415	340	5086.	*	2	1915	520	354.	*	3	1015	700	10.
1	1320	161	6.	*	2	0420	341	5041.	*	2	1920	521	349.	*	3	1020	701	10.
1	1325	162	6.	*	2	0425	342	4994.	*	2	1925	522	345.	*	3	1025	702	9.
1	1330	163	6.	*	2	0430	343	4947.	*	2	1930	523	341.	*	3	1030	703	9.
1	1335	164	6.	*	2	0435	344	4896.	*	2	1935	524	336.	*	3	1035	704	8.
1	1340	165	6.	*	2	0440	345	4841.	*	2	1940	525	332.	*	3	1040	705	7.
1	1345	166	6.	*	2	0445	346	4786.	*	2	1945	526	328.	*	3	1045	706	7.
1	1350	167	6.	*	2	0450	347	4728.	*	2	1950	527	323.	*	3	1050	707	6.
1	1355	168	6.	*	2	0455	348	4668.	*	2	1955	528	319.	*	3	1055	708	6.
1	1400	169	8.	*	2	0500	349	4607.	*	2	2000	529	315.	*	3	1100	709	5.
1	1405	170	14.	*	2	0505	350	4543.	*	2	2005	530	312.	*	3	1105	710	4.
1	1410	171	25.	*	2	0510	351	4477.	*	2	2010	531	308.	*	3	1110	711	4.
1	1415	172	34.	*	2	0515	352	4409.	*	2	2015	532	305.	*	3	1115	712	3.
1	1420	173	39.	*	2	0520	353	4340.	*	2	2020	533	301.	*	3	1120	713	3.
1	1425	174	42.	*	2	0525	354	4269.	*	2	2025	534	298.	*	3	1125	714	3.
1	1430	175	44.	*	2	0530	355	4197.	*	2	2030	535	295.	*	3	1130	715	2.
1	1435	176	47.	*	2	0535	356	4126.	*	2	2035	536	291.	*	3	1135	716	2.
1	1440	177	48.	*	2	0540	357	4056.	*	2	2040	537	288.	*	3	1140	717	2.
1	1445	178	50.	*	2	0545	358	3986.	*	2	2045	538	285.	*	3	1145	718	2.
1	1450	179	51.	*	2	0550	359	3917.	*	2	2050	539	281.	*	3	1150	719	1.
1	1455	180	53.	*	2	0555	360	3850.	*	2	2055	540	278.	*	3	1155	720	1.
				*					*					*				

****
*

PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	59.92-HR
+ (CFS)	(HR)					
		(CFS)				
+ 10758.	21.17		7537.	3538.	1461.	1461.
		(INCHES)	250.281	469.865	484.588	484.588
		(AC-FT)	3738.	7017.	7237.	7237.

CUMULATIVE AREA = .28 SQ MI

****
*

HYDROGRAPH AT STATION CPD
SUM OF 2 HYDROGRAPHS
PLAN 1, RATIO = .97

DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1500	181	53.	2		0600	361	3783.	2		2100	541	274.
1		0005	2	0.	1		1505	182	54.	2		0605	362	3715.	2		2105	542	271.
1		0010	3	0.	1		1510	183	55.	2		0610	363	3648.	2		2110	543	268.
1		0015	4	0.	1		1515	184	56.	2		0615	364	3580.	2		2115	544	264.
1		0020	5	0.	1		1520	185	56.	2		0620	365	3513.	2		2120	545	261.
1		0025	6	0.	1		1525	186	53.	2		0625	366	3449.	2		2125	546	258.
1		0030	7	0.	1		1530	187	48.	2		0630	367	3385.	2		2130	547	255.
1		0035	8	0.	1		1535	188	45.	2		0635	368	3323.	2		2135	548	252.
1		0040	9	0.	1		1540	189	46.	2		0640	369	3263.	2		2140	549	248.
1		0045	10	0.	1		1545	190	55.	2		0645	370	3203.	2		2145	550	245.
1		0050	11	0.	1		1550	191	71.	2		0650	371	3145.	2		2150	551	241.
1		0055	12	0.	1		1555	192	83.	2		0655	372	3090.	2		2155	552	237.
1		0100	13	0.	1		1600	193	97.	2		0700	373	3036.	2		2200	553	234.
1		0105	14	0.	1		1605	194	123.	2		0705	374	2984.	2		2205	554	230.
1		0110	15	0.	1		1610	195	143.	2		0710	375	2935.	2		2210	555	227.
1		0115	16	0.	1		1615	196	121.	2		0715	376	2888.	2		2215	556	224.
1		0120	17	0.	1		1620	197	90.	2		0720	377	2841.	2		2220	557	221.
1		0125	18	0.	1		1625	198	76.	2		0725	378	2794.	2		2225	558	218.
1		0130	19	0.	1		1630	199	74.	2		0730	379	2747.	2		2230	559	214.
1		0135	20	0.	1		1635	200	73.	2		0735	380	2703.	2		2235	560	211.
1		0140	21	0.	1		1640	201	72.	2		0740	381	2664.	2		2240	561	208.
1		0145	22	0.	1		1645	202	71.	2		0745	382	2626.	2		2245	562	205.
1		0150	23	0.	1		1650	203	71.	2		0750	383	2588.	2		2250	563	202.
1		0155	24	0.	1		1655	204	70.	2		0755	384	2550.	2		2255	564	199.
1		0200	25	0.	1		1700	205	68.	2		0800	385	2511.	2		2300	565	196.
1		0205	26	0.	1		1705	206	59.	2		0805	386	2473.	2		2305	566	193.
1		0210	27	0.	1		1710	207	44.	2		0810	387	2434.	2		2310	567	190.
1		0215	28	0.	1		1715	208	32.	2		0815	388	2395.	2		2315	568	186.
1		0220	29	0.	1		1720	209	26.	2		0820	389	2358.	2		2320	569	183.
1		0225	30	0.	1		1725	210	22.	2		0825	390	2324.	2		2325	570	180.
1		0230	31	0.	1		1730	211	20.	2		0830	391	2291.	2		2330	571	177.
1		0235	32	0.	1		1735	212	18.	2		0835	392	2259.	2		2335	572	174.
1		0240	33	0.	1		1740	213	16.	2		0840	393	2227.	2		2340	573	171.
1		0245	34	0.	1		1745	214	128.	2		0845	394	2195.	2		2345	574	168.
1		0250	35	0.	1		1750	215	262.	2		0850	395	2164.	2		2350	575	165.
1		0255	36	0.	1		1755	216	378.	2		0855	396	2134.	2		2355	576	163.
1		0300	37	0.	1		1800	217	480.	2		0900	397	2104.	3		0000	577	160.
1		0305	38	0.	1		1805	218	571.	2		0905	398	2075.	3		0005	578	158.
1		0310	39	0.	1		1810	219	654.	2		0910	399	2047.	3		0010	579	155.
1		0315	40	0.	1		1815	220	729.	2		0915	400	2019.	3		0015	580	153.
1		0320	41	0.	1		1820	221	796.	2		0920	401	1991.	3		0020	581	150.
1		0325	42	0.	1		1825	222	858.	2		0925	402	1979.	3		0025	582	148.
1		0330	43	0.	1		1830	223	914.	2		0930	403	1970.	3		0030	583	145.
1		0335	44	0.	1		1835	224	966.	2		0935	404	1958.	3		0035	584	143.
1		0340	45	0.	1		1840	225	1014.	2		0940	405	1943.	3		0040	585	140.
1		0345	46	0.	1		1845	226	1057.	2		0945	406	1927.	3		0045	586	138.
1		0350	47	0.	1		1850	227	1099.	2		0950	407	1908.	3		0050	587	135.
1		0355	48	1.	1		1855	228	1139.	2		0955	408	1888.	3		0055	588	133.
1		0400	49	1.	1		1900	229	1179.	2		1000	409	1867.	3		0100	589	130.
1		0405	50	1.	1		1905	230	1220.	2		1005	410	1845.	3		0105	590	127.
1		0410	51	1.	1		1910	231	1260.	2		1010	411	1822.	3		0110	591	125.
1		0415	52	1.	1		1915	232	1301.	2		1015	412	1799.	3		0115	592	122.
1		0420	53	1.	1		1920	233	1342.	2		1020	413	1775.	3		0120	593	119.
1		0425	54	1.	1		1925	234	1380.	2		1025	414	1752.	3		0125	594	117.
1		0430	55	1.	1		1930	235	1417.	2		1030	415	1728.	3		0130	595	114.
1		0435	56	1.	1		1935	236	1452.	2		1035	416	1704.	3		0135	596	111.
1		0440	57	2.	1		1940	237	1488.	2		1040	417	1681.	3		0140	597	109.
1		0445	58	2.	1		1945	238	1523.	2		1045	418	1657.	3		0145	598	106.
1		0450	59	2.	1		1950	239	1562.	2		1050	419	1633.	3		0150	599	104.
1		0455	60	2.	1		1955	240	1608.	2		1055	420	1610.	3		0155	600	102.
1		0500	61	2.	1		2000	241	1661.	2		1100	421	1586.	3		0200	601	99.
1		0505	62	2.	1		2005	242	1785.	2		1105	422	1563.	3		0205	602	97.
1		0510	63	2.	1		2010	243	2173.	2		1110	423	1539.	3		0210	603	95.
1		0515	64	2.	1		2015	244	3583.	2		1115	424	1516.	3		0215	604	92.
1		0520	65	2.	1		2020	245	4725.	2		1120	425	1492.	3		0220	605	90.
1		0525	66	2.	1		2025	246	5898.	2		1125	426	1469.	3		0225	606	88.
1		0530	67	3.	1		2030	247	7187.	2		1130	427	1446.	3		0230	607	86.
1		0535	68	3.	1		2035	248	8092.	2		1135	428	1423.	3		0235	608	85.
1		0540	69	3.	1		2040	249	8643.	2		1140	429	1401.	3		0240	609	83.
1		0545	70	3.	1		2045	250	9118.	2		1145	430	1379.	3		0245	610	81.
1		0550	71	3.	1		2050	251	9569.	2		1150	431	1358.	3		0250	611	79.
1		0555	72	3.	1		2055	252	10005.	2		1155	432	1337.	3		0255	612	78.
1		0600	73	3.	1		2100	253	10439.	2		1200	433	1316.	3		0300	613	76.
1		0605	74	3.	1		2105	254	10740.	2		1205	434	1296.	3		0305	614	74.
1		0610	75	3.	1		2110	255	10758.	2		1210	435	1275.	3		0310	615	73.
1		0615	76	3.	1		2115	256	10657.	2		1215	436	1254.	3		0315	616	71.
1		0620	77	3.	1		2120	257	10518.	2		1220	437	1233.	3		0320	617	70.
1		0625	78	3.	1		2125	258	10361.	2		1225	438	1212.	3		0325	618	68.
1		0630	79	4.	1		2130	259	10189.	2		1230	439	1191.	3		0330	619	67.
1		0635	80	4.	1		2135	260	10017.	2		1235	440	1171.	3		0335	620	65.
1		0640	81	4.	1		2140	261	9848.	2		1240	441	1151.	3		0340	621	64.
1		0645	82	4.	1		2145	262	9680.	2		1245	442	1131.	3		0345	622	63.
1		0650	83	4.	1		2150	263	9511.	2		1250	443	1112.	3		0350	623	62.
1		0655	84	4.	1		2155	264	9340.	2		1255	444	1093.	3		0355	624	61.
1		0700	85	4.	1		2200	265	9169.	2		1300	445	1075.	3		0400	625	60.
1		0705	86	4.	1		2205	266	9002.	2		1305	446	1056.	3		0405	626	58.
1		0710	87	4.	1		2210	267	8838.	2		1310	447	1039.	3		0410	627	57.
1		0715	88	4.	1		2215	268	8675.	2		1315	448	1022.	3		0415	628	57.
1		0720	89	4.	1		2220	269	8520.	2		1320	449	1005.	3		0420	629	56.
1		0725	90	4.	1		2225	270	8375.	2		1325	450	989.	3		0425	630	55.
1		0730	91	4.	1		2230	271	8233.	2		1330	451	973.	3		0430	631	55.
1		0735	92	4.	1		2235	272	8101.	2		1335	452	957.	3		0435	632	54.
1		0740	93	5.	1		2240	273	7982.	2		1340	453	941.	3		0440	633	54.
1		0745	94	5.	1		2245	274	7865.	2		1345	454	926.	3		0445	634	53.
1		0750	95	5.	1		2250	275	7756.	2		1350	455	911.	3		0450	635	53.
1		0755	96	5.	1		2255	276	7654.	2		1355	456	896.	3		0455	636	53.
1		0800	97	5.	1		2300	277	7555.	2		1400	457	882.	3		0500	637	52.
1		0805	98	5.	1		2305	278	7461.	2		1405	458	868.	3		0505	638	51.
1		0810	99	5.	1		2310	279	7373.	2		1410	459	855.	3		0510	639	50.
1		0815	100	5.	1		2315	280	7287.	2		1415	460	841.	3		0515	640	49.
1		0820	101	5.	1		2320	281	7207.	2		1420	461	828.	3		0520	641	48.
1		0825	102	5.	1		2325	282	7134.	2		1425	462	816.	3		0525	642	47.
1		0830	103	5.	1		2330	283	7063.	2		1430	463	803.	3		0530	643	46.
1		0835	104	5.	1		2335	284	6994.	2		1435	464	792.	3		0535	644	46.
1		0840	105	5.	1		2340	285	6930.	2		1440	465	780.	3		0540	645	45.
1		0845	106	5.	1		2345	286	6866.	2		1445	466	769.	3		0545	646	44.

1	0850	107	5.	1	2350	287	6806.	2	1450	467	759.	3	0550	647	44.
1	0855	108	5.	1	2355	288	6751.	2	1455	468	749.	3	0555	648	43.
1	0900	109	5.	2	0000	289	6697.	2	1500	469	739.	3	0600	649	42.
1	0905	110	5.	2	0005	290	6643.	2	1505	470	729.	3	0605	650	42.
1	0910	111	6.	2	0010	291	6588.	2	1510	471	719.	3	0610	651	41.
1	0915	112	6.	2	0015	292	6531.	2	1515	472	708.	3	0615	652	40.
1	0920	113	6.	2	0020	293	6476.	2	1520	473	698.	3	0620	653	39.
1	0925	114	6.	2	0025	294	6424.	2	1525	474	688.	3	0625	654	38.
1	0930	115	6.	2	0030	295	6373.	2	1530	475	678.	3	0630	655	38.
1	0935	116	6.	2	0035	296	6325.	2	1535	476	669.	3	0635	656	37.
1	0940	117	6.	2	0040	297	6281.	2	1540	477	660.	3	0640	657	36.
1	0945	118	6.	2	0045	298	6238.	2	1545	478	650.	3	0645	658	36.
1	0950	119	6.	2	0050	299	6197.	2	1550	479	641.	3	0650	659	35.
1	0955	120	6.	2	0055	300	6158.	2	1555	480	632.	3	0655	660	34.
1	1000	121	6.	2	0100	301	6121.	2	1600	481	623.	3	0700	661	34.
1	1005	122	6.	2	0105	302	6084.	2	1605	482	614.	3	0705	662	33.
1	1010	123	6.	2	0110	303	6049.	2	1610	483	606.	3	0710	663	32.
1	1015	124	6.	2	0115	304	6014.	2	1615	484	597.	3	0715	664	31.
1	1020	125	6.	2	0120	305	5980.	2	1620	485	589.	3	0720	665	30.
1	1025	126	6.	2	0125	306	5945.	2	1625	486	581.	3	0725	666	29.
1	1030	127	6.	2	0130	307	5911.	2	1630	487	573.	3	0730	667	28.
1	1035	128	6.	2	0135	308	5879.	2	1635	488	565.	3	0735	668	27.
1	1040	129	6.	2	0140	309	5849.	2	1640	489	558.	3	0740	669	26.
1	1045	130	6.	2	0145	310	5821.	2	1645	490	550.	3	0745	670	26.
1	1050	131	6.	2	0150	311	5794.	2	1650	491	543.	3	0750	671	25.
1	1055	132	7.	2	0155	312	5768.	2	1655	492	535.	3	0755	672	25.
1	1100	133	7.	2	0200	313	5744.	2	1700	493	528.	3	0800	673	24.
1	1105	134	7.	2	0205	314	5720.	2	1705	494	520.	3	0805	674	24.
1	1110	135	7.	2	0210	315	5699.	2	1710	495	513.	3	0810	675	23.
1	1115	136	7.	2	0215	316	5678.	2	1715	496	505.	3	0815	676	22.
1	1120	137	7.	2	0220	317	5659.	2	1720	497	497.	3	0820	677	22.
1	1125	138	7.	2	0225	318	5638.	2	1725	498	490.	3	0825	678	21.
1	1130	139	7.	2	0230	319	5617.	2	1730	499	482.	3	0830	679	20.
1	1135	140	7.	2	0235	320	5595.	2	1735	500	474.	3	0835	680	20.
1	1140	141	7.	2	0240	321	5571.	2	1740	501	467.	3	0840	681	19.
1	1145	142	7.	2	0245	322	5547.	2	1745	502	460.	3	0845	682	19.
1	1150	143	7.	2	0250	323	5526.	2	1750	503	453.	3	0850	683	18.
1	1155	144	7.	2	0255	324	5509.	2	1755	504	446.	3	0855	684	18.
1	1200	145	7.	2	0300	325	5493.	2	1800	505	440.	3	0900	685	18.
1	1205	146	7.	2	0305	326	5474.	2	1805	506	434.	3	0905	686	17.
1	1210	147	7.	2	0310	327	5452.	2	1810	507	428.	3	0910	687	17.
1	1215	148	6.	2	0315	328	5429.	2	1815	508	422.	3	0915	688	17.
1	1220	149	6.	2	0320	329	5406.	2	1820	509	416.	3	0920	689	17.
1	1225	150	6.	2	0325	330	5384.	2	1825	510	410.	3	0925	690	16.
1	1230	151	6.	2	0330	331	5362.	2	1830	511	405.	3	0930	691	16.
1	1235	152	6.	2	0335	332	5339.	2	1835	512	399.	3	0935	692	15.
1	1240	153	6.	2	0340	333	5316.	2	1840	513	393.	3	0940	693	14.
1	1245	154	6.	2	0345	334	5293.	2	1845	514	387.	3	0945	694	13.
1	1250	155	6.	2	0350	335	5266.	2	1850	515	382.	3	0950	695	13.
1	1255	156	6.	2	0355	336	5236.	2	1855	516	376.	3	0955	696	12.
1	1300	157	6.	2	0400	337	5205.	2	1900	517	371.	3	1000	697	12.
1	1305	158	6.	2	0405	338	5169.	2	1905	518	365.	3	1005	698	11.
1	1310	159	6.	2	0410	339	5128.	2	1910	519	360.	3	1010	699	11.
1	1315	160	6.	2	0415	340	5086.	2	1915	520	354.	3	1015	700	10.
1	1320	161	6.	2	0420	341	5041.	2	1920	521	349.	3	1020	701	10.
1	1325	162	6.	2	0425	342	4994.	2	1925	522	345.	3	1025	702	9.
1	1330	163	6.	2	0430	343	4947.	2	1930	523	341.	3	1030	703	9.
1	1335	164	6.	2	0435	344	4896.	2	1935	524	336.	3	1035	704	8.
1	1340	165	6.	2	0440	345	4841.	2	1940	525	332.	3	1040	705	7.
1	1345	166	6.	2	0445	346	4786.	2	1945	526	328.	3	1045	706	7.
1	1350	167	6.	2	0450	347	4728.	2	1950	527	323.	3	1050	707	6.
1	1355	168	6.	2	0455	348	4668.	2	1955	528	319.	3	1055	708	6.
1	1400	169	8.	2	0500	349	4607.	2	2000	529	315.	3	1100	709	5.
1	1405	170	14.	2	0505	350	4543.	2	2005	530	312.	3	1105	710	4.
1	1410	171	25.	2	0510	351	4477.	2	2010	531	308.	3	1110	711	4.
1	1415	172	33.	2	0515	352	4409.	2	2015	532	305.	3	1115	712	3.
1	1420	173	38.	2	0520	353	4340.	2	2020	533	301.	3	1120	713	3.
1	1425	174	41.	2	0525	354	4269.	2	2025	534	298.	3	1125	714	3.
1	1430	175	44.	2	0530	355	4197.	2	2030	535	295.	3	1130	715	2.
1	1435	176	46.	2	0535	356	4126.	2	2035	536	291.	3	1135	716	2.
1	1440	177	48.	2	0540	357	4056.	2	2040	537	288.	3	1140	717	2.
1	1445	178	49.	2	0545	358	3986.	2	2045	538	285.	3	1145	718	2.
1	1450	179	51.	2	0550	359	3917.	2	2050	539	281.	3	1150	719	1.
1	1455	180	52.	2	0555	360	3850.	2	2055	540	278.	3	1155	720	1.

```
***************************************************************************************************************************
*

  PEAK FLOW     TIME                              MAXIMUM AVERAGE FLOW
                                         6-HR         24-HR        72-HR       59.92-HR
+   (CFS)        (HR)
                             (CFS)
+   10758.      21.17                    7537.        3538.        1461.         1461.
                           (INCHES)    250.279      469.860      484.562       484.562
                            (AC-FT)      3737.        7017.        7236.         7236.

                            CUMULATIVE AREA =      .28 SQ MI


***************************************************************************************************************************
*

                                         HYDROGRAPH AT STATION       CPD
                                              SUM OF  2 HYDROGRAPHS
                                            PLAN 1,    RATIO =    .96


***************************************************************************************************************************
*
```

DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1500	181	52.	2		0600	361	3783.	2		2100	541	274.
1		0005	2	0.	1		1505	182	53.	2		0605	362	3715.	2		2105	542	271.
1		0010	3	0.	1		1510	183	54.	2		0610	363	3648.	2		2110	543	268.
1		0015	4	0.	1		1515	184	55.	2		0615	364	3580.	2		2115	544	264.
1		0020	5	0.	1		1520	185	55.	2		0620	365	3513.	2		2120	545	261.
1		0025	6	0.	1		1525	186	52.	2		0625	366	3449.	2		2125	546	258.
1		0030	7	0.	1		1530	187	47.	2		0630	367	3385.	2		2130	547	255.
1		0035	8	0.	1		1535	188	44.	2		0635	368	3323.	2		2135	548	252.

1	0040	9	0.	*	1	1540	189	45.	*	2	0640	369	3263.	*	2	2140	549	248.
1	0045	10	0.	*	1	1545	190	54.	*	2	0645	370	3203.	*	2	2145	550	245.
1	0050	11	0.	*	1	1550	191	70.	*	2	0650	371	3145.	*	2	2150	551	241.
1	0055	12	0.	*	1	1555	192	82.	*	2	0655	372	3090.	*	2	2155	552	237.
1	0100	13	0.	*	1	1600	193	95.	*	2	0700	373	3036.	*	2	2200	553	234.
1	0105	14	0.	*	1	1605	194	121.	*	2	0705	374	2984.	*	2	2205	554	230.
1	0110	15	0.	*	1	1610	195	141.	*	2	0710	375	2935.	*	2	2210	555	227.
1	0115	16	0.	*	1	1615	196	120.	*	2	0715	376	2888.	*	2	2215	556	224.
1	0120	17	0.	*	1	1620	197	89.	*	2	0720	377	2841.	*	2	2220	557	221.
1	0125	18	0.	*	1	1625	198	75.	*	2	0725	378	2794.	*	2	2225	558	218.
1	0130	19	0.	*	1	1630	199	73.	*	2	0730	379	2747.	*	2	2230	559	214.
1	0135	20	0.	*	1	1635	200	72.	*	2	0735	380	2703.	*	2	2235	560	211.
1	0140	21	0.	*	1	1640	201	71.	*	2	0740	381	2664.	*	2	2240	561	208.
1	0145	22	0.	*	1	1645	202	70.	*	2	0745	382	2626.	*	2	2245	562	205.
1	0150	23	0.	*	1	1650	203	70.	*	2	0750	383	2588.	*	2	2250	563	202.
1	0155	24	0.	*	1	1655	204	69.	*	2	0755	384	2550.	*	2	2255	564	199.
1	0200	25	0.	*	1	1700	205	67.	*	2	0800	385	2511.	*	2	2300	565	196.
1	0205	26	0.	*	1	1705	206	58.	*	2	0805	386	2473.	*	2	2305	566	193.
1	0210	27	0.	*	1	1710	207	43.	*	2	0810	387	2434.	*	2	2310	567	190.
1	0215	28	0.	*	1	1715	208	32.	*	2	0815	388	2395.	*	2	2315	568	186.
1	0220	29	0.	*	1	1720	209	26.	*	2	0820	389	2358.	*	2	2320	569	183.
1	0225	30	0.	*	1	1725	210	22.	*	2	0825	390	2324.	*	2	2325	570	180.
1	0230	31	0.	*	1	1730	211	19.	*	2	0830	391	2291.	*	2	2330	571	177.
1	0235	32	0.	*	1	1735	212	18.	*	2	0835	392	2259.	*	2	2335	572	174.
1	0240	33	0.	*	1	1740	213	16.	*	2	0840	393	2227.	*	2	2340	573	171.
1	0245	34	0.	*	1	1745	214	128.	*	2	0845	394	2195.	*	2	2345	574	168.
1	0250	35	0.	*	1	1750	215	262.	*	2	0850	395	2164.	*	2	2350	575	165.
1	0255	36	0.	*	1	1755	216	378.	*	2	0855	396	2134.	*	2	2355	576	163.
1	0300	37	0.	*	1	1800	217	480.	*	2	0900	397	2104.	*	3	0000	577	160.
1	0305	38	0.	*	1	1805	218	571.	*	2	0905	398	2075.	*	3	0005	578	158.
1	0310	39	0.	*	1	1810	219	654.	*	2	0910	399	2047.	*	3	0010	579	155.
1	0315	40	0.	*	1	1815	220	728.	*	2	0915	400	2019.	*	3	0015	580	153.
1	0320	41	0.	*	1	1820	221	796.	*	2	0920	401	1991.	*	3	0020	581	150.
1	0325	42	0.	*	1	1825	222	858.	*	2	0925	402	1979.	*	3	0025	582	148.
1	0330	43	0.	*	1	1830	223	914.	*	2	0930	403	1970.	*	3	0030	583	145.
1	0335	44	0.	*	1	1835	224	966.	*	2	0935	404	1958.	*	3	0035	584	143.
1	0340	45	0.	*	1	1840	225	1014.	*	2	0940	405	1943.	*	3	0040	585	140.
1	0345	46	0.	*	1	1845	226	1057.	*	2	0945	406	1927.	*	3	0045	586	138.
1	0350	47	0.	*	1	1850	227	1098.	*	2	0950	407	1908.	*	3	0050	587	135.
1	0355	48	1.	*	1	1855	228	1139.	*	2	0955	408	1888.	*	3	0055	588	133.
1	0400	49	1.	*	1	1900	229	1179.	*	2	1000	409	1867.	*	3	0100	589	130.
1	0405	50	1.	*	1	1905	230	1219.	*	2	1005	410	1845.	*	3	0105	590	127.
1	0410	51	1.	*	1	1910	231	1260.	*	2	1010	411	1822.	*	3	0110	591	125.
1	0415	52	1.	*	1	1915	232	1301.	*	2	1015	412	1799.	*	3	0115	592	122.
1	0420	53	1.	*	1	1920	233	1342.	*	2	1020	413	1775.	*	3	0120	593	119.
1	0425	54	1.	*	1	1925	234	1380.	*	2	1025	414	1752.	*	3	0125	594	117.
1	0430	55	1.	*	1	1930	235	1416.	*	2	1030	415	1728.	*	3	0130	595	114.
1	0435	56	1.	*	1	1935	236	1452.	*	2	1035	416	1704.	*	3	0135	596	111.
1	0440	57	1.	*	1	1940	237	1488.	*	2	1040	417	1681.	*	3	0140	597	109.
1	0445	58	2.	*	1	1945	238	1523.	*	2	1045	418	1657.	*	3	0145	598	106.
1	0450	59	2.	*	1	1950	239	1562.	*	2	1050	419	1633.	*	3	0150	599	104.
1	0455	60	2.	*	1	1955	240	1608.	*	2	1055	420	1610.	*	3	0155	600	102.
1	0500	61	2.	*	1	2000	241	1660.	*	2	1100	421	1586.	*	3	0200	601	99.
1	0505	62	2.	*	1	2005	242	1785.	*	2	1105	422	1563.	*	3	0205	602	97.
1	0510	63	2.	*	1	2010	243	2173.	*	2	1110	423	1539.	*	3	0210	603	95.
1	0515	64	2.	*	1	2015	244	3583.	*	2	1115	424	1516.	*	3	0215	604	92.
1	0520	65	2.	*	1	2020	245	4725.	*	2	1120	425	1492.	*	3	0220	605	90.
1	0525	66	2.	*	1	2025	246	5898.	*	2	1125	426	1469.	*	3	0225	606	88.
1	0530	67	2.	*	1	2030	247	7186.	*	2	1130	427	1446.	*	3	0230	607	86.
1	0535	68	3.	*	1	2035	248	8092.	*	2	1135	428	1423.	*	3	0235	608	85.
1	0540	69	3.	*	1	2040	249	8643.	*	2	1140	429	1401.	*	3	0240	609	83.
1	0545	70	3.	*	1	2045	250	9118.	*	2	1145	430	1379.	*	3	0245	610	81.
1	0550	71	3.	*	1	2050	251	9569.	*	2	1150	431	1358.	*	3	0250	611	79.
1	0555	72	3.	*	1	2055	252	10005.	*	2	1155	432	1337.	*	3	0255	612	78.
1	0600	73	3.	*	1	2100	253	10439.	*	2	1200	433	1316.	*	3	0300	613	76.
1	0605	74	3.	*	1	2105	254	10740.	*	2	1205	434	1296.	*	3	0305	614	74.
1	0610	75	3.	*	1	2110	255	10757.	*	2	1210	435	1275.	*	3	0310	615	73.
1	0615	76	3.	*	1	2115	256	10657.	*	2	1215	436	1254.	*	3	0315	616	71.
1	0620	77	3.	*	1	2120	257	10517.	*	2	1220	437	1233.	*	3	0320	617	70.
1	0625	78	3.	*	1	2125	258	10361.	*	2	1225	438	1212.	*	3	0325	618	68.
1	0630	79	3.	*	1	2130	259	10189.	*	2	1230	439	1191.	*	3	0330	619	67.
1	0635	80	4.	*	1	2135	260	10017.	*	2	1235	440	1171.	*	3	0335	620	65.
1	0640	81	4.	*	1	2140	261	9848.	*	2	1240	441	1151.	*	3	0340	621	64.
1	0645	82	4.	*	1	2145	262	9680.	*	2	1245	442	1131.	*	3	0345	622	63.
1	0650	83	4.	*	1	2150	263	9511.	*	2	1250	443	1112.	*	3	0350	623	62.
1	0655	84	4.	*	1	2155	264	9340.	*	2	1255	444	1093.	*	3	0355	624	61.
1	0700	85	4.	*	1	2200	265	9169.	*	2	1300	445	1075.	*	3	0400	625	60.
1	0705	86	4.	*	1	2205	266	9002.	*	2	1305	446	1056.	*	3	0405	626	58.
1	0710	87	4.	*	1	2210	267	8838.	*	2	1310	447	1039.	*	3	0410	627	57.
1	0715	88	4.	*	1	2215	268	8675.	*	2	1315	448	1022.	*	3	0415	628	57.
1	0720	89	4.	*	1	2220	269	8520.	*	2	1320	449	1005.	*	3	0420	629	56.
1	0725	90	4.	*	1	2225	270	8375.	*	2	1325	450	989.	*	3	0425	630	55.
1	0730	91	4.	*	1	2230	271	8233.	*	2	1330	451	973.	*	3	0430	631	55.
1	0735	92	4.	*	1	2235	272	8101.	*	2	1335	452	957.	*	3	0435	632	54.
1	0740	93	4.	*	1	2240	273	7982.	*	2	1340	453	941.	*	3	0440	633	54.
1	0745	94	4.	*	1	2245	274	7865.	*	2	1345	454	926.	*	3	0445	634	53.
1	0750	95	5.	*	1	2250	275	7755.	*	2	1350	455	911.	*	3	0450	635	53.
1	0755	96	5.	*	1	2255	276	7654.	*	2	1355	456	896.	*	3	0455	636	53.
1	0800	97	5.	*	1	2300	277	7554.	*	2	1400	457	882.	*	3	0500	637	52.
1	0805	98	5.	*	1	2305	278	7460.	*	2	1405	458	868.	*	3	0505	638	51.
1	0810	99	5.	*	1	2310	279	7373.	*	2	1410	459	855.	*	3	0510	639	50.
1	0815	100	5.	*	1	2315	280	7287.	*	2	1415	460	841.	*	3	0515	640	49.
1	0820	101	5.	*	1	2320	281	7207.	*	2	1420	461	828.	*	3	0520	641	48.
1	0825	102	5.	*	1	2325	282	7134.	*	2	1425	462	816.	*	3	0525	642	47.
1	0830	103	5.	*	1	2330	283	7062.	*	2	1430	463	803.	*	3	0530	643	46.
1	0835	104	5.	*	1	2335	284	6994.	*	2	1435	464	792.	*	3	0535	644	46.
1	0840	105	5.	*	1	2340	285	6930.	*	2	1440	465	780.	*	3	0540	645	45.
1	0845	106	5.	*	1	2345	286	6866.	*	2	1445	466	769.	*	3	0545	646	44.
1	0850	107	5.	*	1	2350	287	6806.	*	2	1450	467	759.	*	3	0550	647	44.
1	0855	108	5.	*	1	2355	288	6751.	*	2	1455	468	749.	*	3	0555	648	43.
1	0900	109	5.	*	2	0000	289	6697.	*	2	1500	469	739.	*	3	0600	649	42.
1	0905	110	5.	*	2	0005	290	6643.	*	2	1505	470	729.	*	3	0605	650	42.
1	0910	111	5.	*	2	0010	291	6588.	*	2	1510	471	719.	*	3	0610	651	41.
1	0915	112	5.	*	2	0015	292	6531.	*	2	1515	472	708.	*	3	0615	652	40.
1	0920	113	6.	*	2	0020	293	6476.	*	2	1520	473	698.	*	3	0620	653	39.
1	0925	114	6.	*	2	0025	294	6424.	*	2	1525	474	688.	*	3	0625	654	38.
1	0930	115	6.	*	2	0030	295	6373.	*	2	1530	475	678.	*	3	0630	655	38.
1	0935	116	6.	*	2	0035	296	6325.	*	2	1535	476	669.	*	3	0635	656	37.
1	0940	117	6.	*	2	0040	297	6281.	*	2	1540	477	660.	*	3	0640	657	36.
1	0945	118	6.	*	2	0045	298	6238.	*	2	1545	478	650.	*	3	0645	658	36.
1	0950	119	6.	*	2	0050	299	6197.	*	2	1550	479	641.	*	3	0650	659	35.
1	0955	120	6.	*	2	0055	300	6158.	*	2	1555	480	632.	*	3	0655	660	34.

1	1000	121	6.	*	2	0100	301	6121.	*	2	1600	481	623.	*	3	0700	661	34.
1	1005	122	6.	*	2	0105	302	6084.	*	2	1605	482	614.	*	3	0705	662	33.
1	1010	123	6.	*	2	0110	303	6049.	*	2	1610	483	606.	*	3	0710	663	32.
1	1015	124	6.	*	2	0115	304	6014.	*	2	1615	484	597.	*	3	0715	664	31.
1	1020	125	6.	*	2	0120	305	5980.	*	2	1620	485	589.	*	3	0720	665	30.
1	1025	126	6.	*	2	0125	306	5945.	*	2	1625	486	581.	*	3	0725	666	29.
1	1030	127	6.	*	2	0130	307	5911.	*	2	1630	487	573.	*	3	0730	667	28.
1	1035	128	6.	*	2	0135	308	5879.	*	2	1635	488	565.	*	3	0735	668	27.
1	1040	129	6.	*	2	0140	309	5849.	*	2	1640	489	558.	*	3	0740	669	26.
1	1045	130	6.	*	2	0145	310	5821.	*	2	1645	490	550.	*	3	0745	670	26.
1	1050	131	6.	*	2	0150	311	5794.	*	2	1650	491	543.	*	3	0750	671	25.
1	1055	132	6.	*	2	0155	312	5768.	*	2	1655	492	535.	*	3	0755	672	25.
1	1100	133	6.	*	2	0200	313	5744.	*	2	1700	493	528.	*	3	0800	673	24.
1	1105	134	6.	*	2	0205	314	5720.	*	2	1705	494	520.	*	3	0805	674	24.
1	1110	135	7.	*	2	0210	315	5699.	*	2	1710	495	513.	*	3	0810	675	23.
1	1115	136	7.	*	2	0215	316	5678.	*	2	1715	496	505.	*	3	0815	676	22.
1	1120	137	7.	*	2	0220	317	5659.	*	2	1720	497	497.	*	3	0820	677	22.
1	1125	138	7.	*	2	0225	318	5638.	*	2	1725	498	490.	*	3	0825	678	21.
1	1130	139	7.	*	2	0230	319	5617.	*	2	1730	499	482.	*	3	0830	679	20.
1	1135	140	7.	*	2	0235	320	5595.	*	2	1735	500	474.	*	3	0835	680	20.
1	1140	141	7.	*	2	0240	321	5571.	*	2	1740	501	467.	*	3	0840	681	19.
1	1145	142	7.	*	2	0245	322	5547.	*	2	1745	502	460.	*	3	0845	682	19.
1	1150	143	7.	*	2	0250	323	5526.	*	2	1750	503	453.	*	3	0850	683	18.
1	1155	144	7.	*	2	0255	324	5509.	*	2	1755	504	446.	*	3	0855	684	18.
1	1200	145	7.	*	2	0300	325	5493.	*	2	1800	505	440.	*	3	0900	685	18.
1	1205	146	7.	*	2	0305	326	5474.	*	2	1805	506	434.	*	3	0905	686	17.
1	1210	147	7.	*	2	0310	327	5452.	*	2	1810	507	428.	*	3	0910	687	17.
1	1215	148	6.	*	2	0315	328	5429.	*	2	1815	508	422.	*	3	0915	688	17.
1	1220	149	6.	*	2	0320	329	5406.	*	2	1820	509	416.	*	3	0920	689	17.
1	1225	150	6.	*	2	0325	330	5384.	*	2	1825	510	410.	*	3	0925	690	16.
1	1230	151	6.	*	2	0330	331	5362.	*	2	1830	511	405.	*	3	0930	691	16.
1	1235	152	6.	*	2	0335	332	5339.	*	2	1835	512	399.	*	3	0935	692	15.
1	1240	153	6.	*	2	0340	333	5316.	*	2	1840	513	393.	*	3	0940	693	14.
1	1245	154	6.	*	2	0345	334	5293.	*	2	1845	514	387.	*	3	0945	694	13.
1	1250	155	6.	*	2	0350	335	5266.	*	2	1850	515	382.	*	3	0950	695	13.
1	1255	156	6.	*	2	0355	336	5236.	*	2	1855	516	376.	*	3	0955	696	12.
1	1300	157	6.	*	2	0400	337	5205.	*	2	1900	517	371.	*	3	1000	697	12.
1	1305	158	6.	*	2	0405	338	5169.	*	2	1905	518	365.	*	3	1005	698	11.
1	1310	159	6.	*	2	0410	339	5128.	*	2	1910	519	360.	*	3	1010	699	11.
1	1315	160	6.	*	2	0415	340	5086.	*	2	1915	520	354.	*	3	1015	700	10.
1	1320	161	6.	*	2	0420	341	5041.	*	2	1920	521	349.	*	3	1020	701	10.
1	1325	162	6.	*	2	0425	342	4994.	*	2	1925	522	345.	*	3	1025	702	9.
1	1330	163	6.	*	2	0430	343	4947.	*	2	1930	523	341.	*	3	1030	703	9.
1	1335	164	6.	*	2	0435	344	4896.	*	2	1935	524	336.	*	3	1035	704	8.
1	1340	165	6.	*	2	0440	345	4841.	*	2	1940	525	332.	*	3	1040	705	7.
1	1345	166	6.	*	2	0445	346	4786.	*	2	1945	526	328.	*	3	1045	706	7.
1	1350	167	6.	*	2	0450	347	4728.	*	2	1950	527	323.	*	3	1050	707	6.
1	1355	168	6.	*	2	0455	348	4668.	*	2	1955	528	319.	*	3	1055	708	6.
1	1400	169	8.	*	2	0500	349	4607.	*	2	2000	529	315.	*	3	1100	709	5.
1	1405	170	14.	*	2	0505	350	4543.	*	2	2005	530	312.	*	3	1105	710	4.
1	1410	171	24.	*	2	0510	351	4477.	*	2	2010	531	308.	*	3	1110	711	4.
1	1415	172	33.	*	2	0515	352	4409.	*	2	2015	532	305.	*	3	1115	712	3.
1	1420	173	37.	*	2	0520	353	4340.	*	2	2020	533	301.	*	3	1120	713	3.
1	1425	174	41.	*	2	0525	354	4269.	*	2	2025	534	298.	*	3	1125	714	3.
1	1430	175	43.	*	2	0530	355	4197.	*	2	2030	535	295.	*	3	1130	715	2.
1	1435	176	45.	*	2	0535	356	4126.	*	2	2035	536	291.	*	3	1135	716	2.
1	1440	177	47.	*	2	0540	357	4056.	*	2	2040	537	288.	*	3	1140	717	2.
1	1445	178	48.	*	2	0545	358	3986.	*	2	2045	538	285.	*	3	1145	718	2.
1	1450	179	50.	*	2	0550	359	3917.	*	2	2050	539	281.	*	3	1150	719	1.
1	1455	180	51.	*	2	0555	360	3850.	*	2	2055	540	278.	*	3	1155	720	1.
				*					*					*				

****
*

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	59.92-HR
+ (CFS)	(HR)				
		(CFS)			
+ 10757.	21.17	7537.	3537.	1461.	1461.
		(INCHES) 250.276	469.855	484.535	484.535
		(AC-FT) 3737.	7017.	7236.	7236.

CUMULATIVE AREA = .28 SQ MI

****
*

HYDROGRAPH AT STATION CPD
SUM OF 2 HYDROGRAPHS
PLAN 1, RATIO = .95

****
*

DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	*	1		1500	181	51.	*	2		0600	361	3783.	*	2		2100	541	274.
1		0005	2	0.	*	1		1505	182	52.	*	2		0605	362	3715.	*	2		2105	542	271.
1		0010	3	0.	*	1		1510	183	53.	*	2		0610	363	3648.	*	2		2110	543	268.
1		0015	4	0.	*	1		1515	184	54.	*	2		0615	364	3580.	*	2		2115	544	264.
1		0020	5	0.	*	1		1520	185	54.	*	2		0620	365	3513.	*	2		2120	545	261.
1		0025	6	0.	*	1		1525	186	51.	*	2		0625	366	3449.	*	2		2125	546	258.
1		0030	7	0.	*	1		1530	187	47.	*	2		0630	367	3385.	*	2		2130	547	255.
1		0035	8	0.	*	1		1535	188	43.	*	2		0635	368	3323.	*	2		2135	548	252.
1		0040	9	0.	*	1		1540	189	44.	*	2		0640	369	3263.	*	2		2140	549	248.
1		0045	10	0.	*	1		1545	190	53.	*	2		0645	370	3203.	*	2		2145	550	245.
1		0050	11	0.	*	1		1550	191	69.	*	2		0650	371	3145.	*	2		2150	551	241.
1		0055	12	0.	*	1		1555	192	81.	*	2		0655	372	3090.	*	2		2155	552	237.
1		0100	13	0.	*	1		1600	193	94.	*	2		0700	373	3036.	*	2		2200	553	234.
1		0105	14	0.	*	1		1605	194	119.	*	2		0705	374	2984.	*	2		2205	554	230.
1		0110	15	0.	*	1		1610	195	139.	*	2		0710	375	2935.	*	2		2210	555	227.
1		0115	16	0.	*	1		1615	196	118.	*	2		0715	376	2888.	*	2		2215	556	224.
1		0120	17	0.	*	1		1620	197	87.	*	2		0720	377	2841.	*	2		2220	557	221.
1		0125	18	0.	*	1		1625	198	74.	*	2		0725	378	2794.	*	2		2225	558	218.
1		0130	19	0.	*	1		1630	199	72.	*	2		0730	379	2747.	*	2		2230	559	214.
1		0135	20	0.	*	1		1635	200	71.	*	2		0735	380	2703.	*	2		2235	560	211.
1		0140	21	0.	*	1		1640	201	70.	*	2		0740	381	2664.	*	2		2240	561	208.
1		0145	22	0.	*	1		1645	202	70.	*	2		0745	382	2626.	*	2		2245	562	205.

1	0150	23	0.	*	1	1650	203	69.	*	2	0750	383	2588.	*	2	2250	563	202.
1	0155	24	0.	*	1	1655	204	68.	*	2	0755	384	2550.	*	2	2255	564	199.
1	0200	25	0.	*	1	1700	205	66.	*	2	0800	385	2511.	*	2	2300	565	196.
1	0205	26	0.	*	1	1705	206	57.	*	2	0805	386	2473.	*	2	2305	566	193.
1	0210	27	0.	*	1	1710	207	42.	*	2	0810	387	2434.	*	2	2310	567	190.
1	0215	28	0.	*	1	1715	208	31.	*	2	0815	388	2395.	*	2	2315	568	186.
1	0220	29	0.	*	1	1720	209	26.	*	2	0820	389	2358.	*	2	2320	569	183.
1	0225	30	0.	*	1	1725	210	22.	*	2	0825	390	2324.	*	2	2325	570	180.
1	0230	31	0.	*	1	1730	211	19.	*	2	0830	391	2291.	*	2	2330	571	177.
1	0235	32	0.	*	1	1735	212	17.	*	2	0835	392	2259.	*	2	2335	572	174.
1	0240	33	0.	*	1	1740	213	16.	*	2	0840	393	2227.	*	2	2340	573	171.
1	0245	34	0.	*	1	1745	214	128.	*	2	0845	394	2195.	*	2	2345	574	168.
1	0250	35	0.	*	1	1750	215	261.	*	2	0850	395	2164.	*	2	2350	575	165.
1	0255	36	0.	*	1	1755	216	378.	*	2	0855	396	2134.	*	2	2355	576	163.
1	0300	37	0.	*	1	1800	217	480.	*	2	0900	397	2104.	*	3	0000	577	160.
1	0305	38	0.	*	1	1805	218	571.	*	2	0905	398	2075.	*	3	0005	578	158.
1	0310	39	0.	*	1	1810	219	654.	*	2	0910	399	2047.	*	3	0010	579	155.
1	0315	40	0.	*	1	1815	220	728.	*	2	0915	400	2019.	*	3	0015	580	153.
1	0320	41	0.	*	1	1820	221	796.	*	2	0920	401	1991.	*	3	0020	581	150.
1	0325	42	0.	*	1	1825	222	858.	*	2	0925	402	1979.	*	3	0025	582	148.
1	0330	43	0.	*	1	1830	223	914.	*	2	0930	403	1970.	*	3	0030	583	145.
1	0335	44	0.	*	1	1835	224	966.	*	2	0935	404	1958.	*	3	0035	584	143.
1	0340	45	0.	*	1	1840	225	1013.	*	2	0940	405	1943.	*	3	0040	585	140.
1	0345	46	0.	*	1	1845	226	1057.	*	2	0945	406	1927.	*	3	0045	586	138.
1	0350	47	0.	*	1	1850	227	1098.	*	2	0950	407	1908.	*	3	0050	587	135.
1	0355	48	0.	*	1	1855	228	1139.	*	2	0955	408	1888.	*	3	0055	588	133.
1	0400	49	1.	*	1	1900	229	1179.	*	2	1000	409	1867.	*	3	0100	589	130.
1	0405	50	1.	*	1	1905	230	1219.	*	2	1005	410	1845.	*	3	0105	590	127.
1	0410	51	1.	*	1	1910	231	1260.	*	2	1010	411	1822.	*	3	0110	591	125.
1	0415	52	1.	*	1	1915	232	1301.	*	2	1015	412	1799.	*	3	0115	592	122.
1	0420	53	1.	*	1	1920	233	1341.	*	2	1020	413	1775.	*	3	0120	593	119.
1	0425	54	1.	*	1	1925	234	1380.	*	2	1025	414	1752.	*	3	0125	594	117.
1	0430	55	1.	*	1	1930	235	1416.	*	2	1030	415	1728.	*	3	0130	595	114.
1	0435	56	1.	*	1	1935	236	1452.	*	2	1035	416	1704.	*	3	0135	596	111.
1	0440	57	1.	*	1	1940	237	1487.	*	2	1040	417	1681.	*	3	0140	597	109.
1	0445	58	2.	*	1	1945	238	1523.	*	2	1045	418	1657.	*	3	0145	598	106.
1	0450	59	2.	*	1	1950	239	1562.	*	2	1050	419	1633.	*	3	0150	599	104.
1	0455	60	2.	*	1	1955	240	1608.	*	2	1055	420	1610.	*	3	0155	600	102.
1	0500	61	2.	*	1	2000	241	1660.	*	2	1100	421	1586.	*	3	0200	601	99.
1	0505	62	2.	*	1	2005	242	1785.	*	2	1105	422	1563.	*	3	0205	602	97.
1	0510	63	2.	*	1	2010	243	2173.	*	2	1110	423	1539.	*	3	0210	603	95.
1	0515	64	2.	*	1	2015	244	3583.	*	2	1115	424	1516.	*	3	0215	604	92.
1	0520	65	2.	*	1	2020	245	4725.	*	2	1120	425	1492.	*	3	0220	605	90.
1	0525	66	2.	*	1	2025	246	5898.	*	2	1125	426	1469.	*	3	0225	606	88.
1	0530	67	2.	*	1	2030	247	7186.	*	2	1130	427	1446.	*	3	0230	607	86.
1	0535	68	2.	*	1	2035	248	8092.	*	2	1135	428	1423.	*	3	0235	608	85.
1	0540	69	3.	*	1	2040	249	8642.	*	2	1140	429	1401.	*	3	0240	609	83.
1	0545	70	3.	*	1	2045	250	9118.	*	2	1145	430	1379.	*	3	0245	610	81.
1	0550	71	3.	*	1	2050	251	9568.	*	2	1150	431	1358.	*	3	0250	611	79.
1	0555	72	3.	*	1	2055	252	10005.	*	2	1155	432	1337.	*	3	0255	612	78.
1	0600	73	3.	*	1	2100	253	10439.	*	2	1200	433	1316.	*	3	0300	613	76.
1	0605	74	3.	*	1	2105	254	10740.	*	2	1205	434	1296.	*	3	0305	614	74.
1	0610	75	3.	*	1	2110	255	10757.	*	2	1210	435	1275.	*	3	0310	615	73.
1	0615	76	3.	*	1	2115	256	10657.	*	2	1215	436	1254.	*	3	0315	616	71.
1	0620	77	3.	*	1	2120	257	10517.	*	2	1220	437	1233.	*	3	0320	617	70.
1	0625	78	3.	*	1	2125	258	10361.	*	2	1225	438	1212.	*	3	0325	618	68.
1	0630	79	3.	*	1	2130	259	10189.	*	2	1230	439	1191.	*	3	0330	619	67.
1	0635	80	3.	*	1	2135	260	10017.	*	2	1235	440	1171.	*	3	0335	620	65.
1	0640	81	3.	*	1	2140	261	9848.	*	2	1240	441	1151.	*	3	0340	621	64.
1	0645	82	4.	*	1	2145	262	9680.	*	2	1245	442	1131.	*	3	0345	622	63.
1	0650	83	4.	*	1	2150	263	9510.	*	2	1250	443	1112.	*	3	0350	623	62.
1	0655	84	4.	*	1	2155	264	9340.	*	2	1255	444	1093.	*	3	0355	624	61.
1	0700	85	4.	*	1	2200	265	9169.	*	2	1300	445	1075.	*	3	0400	625	60.
1	0705	86	4.	*	1	2205	266	9001.	*	2	1305	446	1056.	*	3	0405	626	58.
1	0710	87	4.	*	1	2210	267	8838.	*	2	1310	447	1039.	*	3	0410	627	57.
1	0715	88	4.	*	1	2215	268	8675.	*	2	1315	448	1022.	*	3	0415	628	57.
1	0720	89	4.	*	1	2220	269	8520.	*	2	1320	449	1005.	*	3	0420	629	56.
1	0725	90	4.	*	1	2225	270	8375.	*	2	1325	450	989.	*	3	0425	630	55.
1	0730	91	4.	*	1	2230	271	8233.	*	2	1330	451	973.	*	3	0430	631	55.
1	0735	92	4.	*	1	2235	272	8101.	*	2	1335	452	957.	*	3	0435	632	54.
1	0740	93	4.	*	1	2240	273	7981.	*	2	1340	453	941.	*	3	0440	633	54.
1	0745	94	4.	*	1	2245	274	7865.	*	2	1345	454	926.	*	3	0445	634	53.
1	0750	95	4.	*	1	2250	275	7755.	*	2	1350	455	911.	*	3	0450	635	53.
1	0755	96	4.	*	1	2255	276	7654.	*	2	1355	456	896.	*	3	0455	636	53.
1	0800	97	5.	*	1	2300	277	7554.	*	2	1400	457	882.	*	3	0500	637	52.
1	0805	98	5.	*	1	2305	278	7460.	*	2	1405	458	868.	*	3	0505	638	51.
1	0810	99	5.	*	1	2310	279	7373.	*	2	1410	459	855.	*	3	0510	639	50.
1	0815	100	5.	*	1	2315	280	7287.	*	2	1415	460	841.	*	3	0515	640	49.
1	0820	101	5.	*	1	2320	281	7207.	*	2	1420	461	828.	*	3	0520	641	48.
1	0825	102	5.	*	1	2325	282	7134.	*	2	1425	462	816.	*	3	0525	642	47.
1	0830	103	5.	*	1	2330	283	7062.	*	2	1430	463	803.	*	3	0530	643	46.
1	0835	104	5.	*	1	2335	284	6994.	*	2	1435	464	792.	*	3	0535	644	46.
1	0840	105	5.	*	1	2340	285	6929.	*	2	1440	465	780.	*	3	0540	645	45.
1	0845	106	5.	*	1	2345	286	6866.	*	2	1445	466	769.	*	3	0545	646	44.
1	0850	107	5.	*	1	2350	287	6806.	*	2	1450	467	759.	*	3	0550	647	44.
1	0855	108	5.	*	1	2355	288	6751.	*	2	1455	468	749.	*	3	0555	648	43.
1	0900	109	5.	*	2	0000	289	6697.	*	2	1500	469	739.	*	3	0600	649	42.
1	0905	110	5.	*	2	0005	290	6643.	*	2	1505	470	729.	*	3	0605	650	42.
1	0910	111	5.	*	2	0010	291	6587.	*	2	1510	471	719.	*	3	0610	651	41.
1	0915	112	5.	*	2	0015	292	6531.	*	2	1515	472	708.	*	3	0615	652	40.
1	0920	113	5.	*	2	0020	293	6476.	*	2	1520	473	698.	*	3	0620	653	39.
1	0925	114	5.	*	2	0025	294	6424.	*	2	1525	474	688.	*	3	0625	654	38.
1	0930	115	6.	*	2	0030	295	6373.	*	2	1530	475	678.	*	3	0630	655	38.
1	0935	116	6.	*	2	0035	296	6325.	*	2	1535	476	669.	*	3	0635	656	37.
1	0940	117	6.	*	2	0040	297	6281.	*	2	1540	477	660.	*	3	0640	657	36.
1	0945	118	6.	*	2	0045	298	6238.	*	2	1545	478	650.	*	3	0645	658	36.
1	0950	119	6.	*	2	0050	299	6197.	*	2	1550	479	641.	*	3	0650	659	35.
1	0955	120	6.	*	2	0055	300	6158.	*	2	1555	480	632.	*	3	0655	660	34.
1	1000	121	6.	*	2	0100	301	6120.	*	2	1600	481	623.	*	3	0700	661	34.
1	1005	122	6.	*	2	0105	302	6084.	*	2	1605	482	614.	*	3	0705	662	33.
1	1010	123	6.	*	2	0110	303	6049.	*	2	1610	483	606.	*	3	0710	663	32.
1	1015	124	6.	*	2	0115	304	6014.	*	2	1615	484	597.	*	3	0715	664	31.
1	1020	125	6.	*	2	0120	305	5980.	*	2	1620	485	589.	*	3	0720	665	30.
1	1025	126	6.	*	2	0125	306	5945.	*	2	1625	486	581.	*	3	0725	666	29.
1	1030	127	6.	*	2	0130	307	5911.	*	2	1630	487	573.	*	3	0730	667	28.
1	1035	128	6.	*	2	0135	308	5879.	*	2	1635	488	565.	*	3	0735	668	27.
1	1040	129	6.	*	2	0140	309	5849.	*	2	1640	489	558.	*	3	0740	669	26.
1	1045	130	6.	*	2	0145	310	5821.	*	2	1645	490	550.	*	3	0745	670	26.
1	1050	131	6.	*	2	0150	311	5794.	*	2	1650	491	543.	*	3	0750	671	25.
1	1055	132	6.	*	2	0155	312	5768.	*	2	1655	492	535.	*	3	0755	672	25.
1	1100	133	6.	*	2	0200	313	5744.	*	2	1700	493	528.	*	3	0800	673	24.
1	1105	134	6.	*	2	0205	314	5720.	*	2	1705	494	520.	*	3	0805	674	24.

1	1110	135	6.	*	2	0210	315	5699.	*	2	1710	495	513.	*	3	0810	675	23.
1	1115	136	6.	*	2	0215	316	5678.	*	2	1715	496	505.	*	3	0815	676	22.
1	1120	137	6.	*	2	0220	317	5659.	*	2	1720	497	497.	*	3	0820	677	22.
1	1125	138	7.	*	2	0225	318	5638.	*	2	1725	498	490.	*	3	0825	678	21.
1	1130	139	7.	*	2	0230	319	5617.	*	2	1730	499	482.	*	3	0830	679	20.
1	1135	140	7.	*	2	0235	320	5595.	*	2	1735	500	474.	*	3	0835	680	20.
1	1140	141	7.	*	2	0240	321	5571.	*	2	1740	501	467.	*	3	0840	681	19.
1	1145	142	7.	*	2	0245	322	5547.	*	2	1745	502	460.	*	3	0845	682	19.
1	1150	143	7.	*	2	0250	323	5526.	*	2	1750	503	453.	*	3	0850	683	18.
1	1155	144	7.	*	2	0255	324	5509.	*	2	1755	504	446.	*	3	0855	684	18.
1	1200	145	7.	*	2	0300	325	5493.	*	2	1800	505	440.	*	3	0900	685	18.
1	1205	146	7.	*	2	0305	326	5474.	*	2	1805	506	434.	*	3	0905	686	17.
1	1210	147	6.	*	2	0310	327	5452.	*	2	1810	507	428.	*	3	0910	687	17.
1	1215	148	6.	*	2	0315	328	5429.	*	2	1815	508	422.	*	3	0915	688	17.
1	1220	149	6.	*	2	0320	329	5406.	*	2	1820	509	416.	*	3	0920	689	17.
1	1225	150	6.	*	2	0325	330	5384.	*	2	1825	510	410.	*	3	0925	690	16.
1	1230	151	6.	*	2	0330	331	5362.	*	2	1830	511	405.	*	3	0930	691	16.
1	1235	152	6.	*	2	0335	332	5339.	*	2	1835	512	399.	*	3	0935	692	15.
1	1240	153	6.	*	2	0340	333	5316.	*	2	1840	513	393.	*	3	0940	693	14.
1	1245	154	6.	*	2	0345	334	5293.	*	2	1845	514	387.	*	3	0945	694	13.
1	1250	155	6.	*	2	0350	335	5266.	*	2	1850	515	382.	*	3	0950	695	13.
1	1255	156	6.	*	2	0355	336	5236.	*	2	1855	516	376.	*	3	0955	696	12.
1	1300	157	6.	*	2	0400	337	5205.	*	2	1900	517	371.	*	3	1000	697	12.
1	1305	158	6.	*	2	0405	338	5169.	*	2	1905	518	365.	*	3	1005	698	11.
1	1310	159	6.	*	2	0410	339	5128.	*	2	1910	519	360.	*	3	1010	699	11.
1	1315	160	6.	*	2	0415	340	5086.	*	2	1915	520	354.	*	3	1015	700	10.
1	1320	161	6.	*	2	0420	341	5041.	*	2	1920	521	349.	*	3	1020	701	10.
1	1325	162	6.	*	2	0425	342	4994.	*	2	1925	522	345.	*	3	1025	702	9.
1	1330	163	6.	*	2	0430	343	4947.	*	2	1930	523	341.	*	3	1030	703	9.
1	1335	164	6.	*	2	0435	344	4896.	*	2	1935	524	336.	*	3	1035	704	8.
1	1340	165	6.	*	2	0440	345	4841.	*	2	1940	525	332.	*	3	1040	705	7.
1	1345	166	6.	*	2	0445	346	4786.	*	2	1945	526	328.	*	3	1045	706	7.
1	1350	167	6.	*	2	0450	347	4728.	*	2	1950	527	323.	*	3	1050	707	6.
1	1355	168	6.	*	2	0455	348	4668.	*	2	1955	528	319.	*	3	1055	708	6.
1	1400	169	8.	*	2	0500	349	4607.	*	2	2000	529	315.	*	3	1100	709	5.
1	1405	170	14.	*	2	0505	350	4543.	*	2	2005	530	312.	*	3	1105	710	4.
1	1410	171	24.	*	2	0510	351	4477.	*	2	2010	531	308.	*	3	1110	711	4.
1	1415	172	32.	*	2	0515	352	4409.	*	2	2015	532	305.	*	3	1115	712	3.
1	1420	173	37.	*	2	0520	353	4340.	*	2	2020	533	301.	*	3	1120	713	3.
1	1425	174	40.	*	2	0525	354	4269.	*	2	2025	534	298.	*	3	1125	714	3.
1	1430	175	42.	*	2	0530	355	4197.	*	2	2030	535	295.	*	3	1130	715	2.
1	1435	176	44.	*	2	0535	356	4126.	*	2	2035	536	291.	*	3	1135	716	2.
1	1440	177	46.	*	2	0540	357	4056.	*	2	2040	537	288.	*	3	1140	717	2.
1	1445	178	48.	*	2	0545	358	3986.	*	2	2045	538	285.	*	3	1145	718	2.
1	1450	179	49.	*	2	0550	359	3917.	*	2	2050	539	281.	*	3	1150	719	1.
1	1455	180	50.	*	2	0555	360	3850.	*	2	2055	540	278.	*	3	1155	720	1.
				*					*					*				

****
*

PEAK FLOW (CFS)	TIME (HR)	MAXIMUM AVERAGE FLOW (CFS) 6-HR	24-HR	72-HR	59.92-HR
+ 10757.	21.17	7537.	3537.	1461.	1461.
		(INCHES) 250.273	469.851	484.509	484.509
		(AC-FT) 3737.	7016.	7235.	7235.

CUMULATIVE AREA = .28 SQ MI

****
*

HYDROGRAPH AT STATION CPD
SUM OF 2 HYDROGRAPHS
PLAN 1, RATIO = .94

****
*

DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1500	181	51.	2		0600	361	3783.	2		2100	541	274.
1		0005	2	0.	1		1505	182	52.	2		0605	362	3715.	2		2105	542	271.
1		0010	3	0.	1		1510	183	53.	2		0610	363	3648.	2		2110	543	268.
1		0015	4	0.	1		1515	184	53.	2		0615	364	3580.	2		2115	544	264.
1		0020	5	0.	1		1520	185	53.	2		0620	365	3513.	2		2120	545	261.
1		0025	6	0.	1		1525	186	51.	2		0625	366	3449.	2		2125	546	258.
1		0030	7	0.	1		1530	187	46.	2		0630	367	3385.	2		2130	547	255.
1		0035	8	0.	1		1535	188	43.	2		0635	368	3323.	2		2135	548	252.
1		0040	9	0.	1		1540	189	44.	2		0640	369	3263.	2		2140	549	248.
1		0045	10	0.	1		1545	190	53.	2		0645	370	3203.	2		2145	550	245.
1		0050	11	0.	1		1550	191	68.	2		0650	371	3145.	2		2150	551	241.
1		0055	12	0.	1		1555	192	80.	2		0655	372	3090.	2		2155	552	237.
1		0100	13	0.	1		1600	193	93.	2		0700	373	3036.	2		2200	553	234.
1		0105	14	0.	1		1605	194	118.	2		0705	374	2984.	2		2205	554	230.
1		0110	15	0.	1		1610	195	137.	2		0710	375	2935.	2		2210	555	227.
1		0115	16	0.	1		1615	196	116.	2		0715	376	2888.	2		2215	556	224.
1		0120	17	0.	1		1620	197	86.	2		0720	377	2841.	2		2220	557	221.
1		0125	18	0.	1		1625	198	73.	2		0725	378	2794.	2		2225	558	218.
1		0130	19	0.	1		1630	199	71.	2		0730	379	2747.	2		2230	559	214.
1		0135	20	0.	1		1635	200	70.	2		0735	380	2703.	2		2235	560	211.
1		0140	21	0.	1		1640	201	69.	2		0740	381	2664.	2		2240	561	208.
1		0145	22	0.	1		1645	202	69.	2		0745	382	2626.	2		2245	562	205.
1		0150	23	0.	1		1650	203	68.	2		0750	383	2588.	2		2250	563	202.
1		0155	24	0.	1		1655	204	68.	2		0755	384	2550.	2		2255	564	199.
1		0200	25	0.	1		1700	205	65.	2		0800	385	2511.	2		2300	565	196.
1		0205	26	0.	1		1705	206	57.	2		0805	386	2473.	2		2305	566	193.
1		0210	27	0.	1		1710	207	42.	2		0810	387	2434.	2		2310	567	190.
1		0215	28	0.	1		1715	208	31.	2		0815	388	2395.	2		2315	568	186.
1		0220	29	0.	1		1720	209	25.	2		0820	389	2358.	2		2320	569	183.
1		0225	30	0.	1		1725	210	21.	2		0825	390	2324.	2		2325	570	180.
1		0230	31	0.	1		1730	211	19.	2		0830	391	2291.	2		2330	571	177.
1		0235	32	0.	1		1735	212	17.	2		0835	392	2259.	2		2335	572	174.
1		0240	33	0.	1		1740	213	16.	2		0840	393	2227.	2		2340	573	171.
1		0245	34	0.	1		1745	214	128.	2		0845	394	2195.	2		2345	574	168.
1		0250	35	0.	1		1750	215	261.	2		0850	395	2164.	2		2350	575	165.
1		0255	36	0.	1		1755	216	378.	2		0855	396	2134.	2		2355	576	163.

1	0300	37	0.	*	1	1800	217	480.	*	2	0900	397	2104.	*	3	0000	577	160.
1	0305	38	0.	*	1	1805	218	571.	*	2	0905	398	2075.	*	3	0005	578	158.
1	0310	39	0.	*	1	1810	219	653.	*	2	0910	399	2047.	*	3	0010	579	155.
1	0315	40	0.	*	1	1815	220	728.	*	2	0915	400	2019.	*	3	0015	580	153.
1	0320	41	0.	*	1	1820	221	796.	*	2	0920	401	1991.	*	3	0020	581	150.
1	0325	42	0.	*	1	1825	222	857.	*	2	0925	402	1979.	*	3	0025	582	148.
1	0330	43	0.	*	1	1830	223	914.	*	2	0930	403	1970.	*	3	0030	583	145.
1	0335	44	0.	*	1	1835	224	966.	*	2	0935	404	1958.	*	3	0035	584	143.
1	0340	45	0.	*	1	1840	225	1013.	*	2	0940	405	1943.	*	3	0040	585	140.
1	0345	46	0.	*	1	1845	226	1057.	*	2	0945	406	1927.	*	3	0045	586	138.
1	0350	47	0.	*	1	1850	227	1098.	*	2	0950	407	1908.	*	3	0050	587	135.
1	0355	48	0.	*	1	1855	228	1139.	*	2	0955	408	1888.	*	3	0055	588	133.
1	0400	49	1.	*	1	1900	229	1179.	*	2	1000	409	1867.	*	3	0100	589	130.
1	0405	50	1.	*	1	1905	230	1219.	*	2	1005	410	1845.	*	3	0105	590	127.
1	0410	51	1.	*	1	1910	231	1260.	*	2	1010	411	1822.	*	3	0110	591	125.
1	0415	52	1.	*	1	1915	232	1301.	*	2	1015	412	1799.	*	3	0115	592	122.
1	0420	53	1.	*	1	1920	233	1341.	*	2	1020	413	1775.	*	3	0120	593	119.
1	0425	54	1.	*	1	1925	234	1380.	*	2	1025	414	1752.	*	3	0125	594	117.
1	0430	55	1.	*	1	1930	235	1416.	*	2	1030	415	1728.	*	3	0130	595	114.
1	0435	56	1.	*	1	1935	236	1452.	*	2	1035	416	1704.	*	3	0135	596	111.
1	0440	57	1.	*	1	1940	237	1487.	*	2	1040	417	1681.	*	3	0140	597	109.
1	0445	58	1.	*	1	1945	238	1522.	*	2	1045	418	1657.	*	3	0145	598	106.
1	0450	59	2.	*	1	1950	239	1562.	*	2	1050	419	1633.	*	3	0150	599	104.
1	0455	60	2.	*	1	1955	240	1608.	*	2	1055	420	1610.	*	3	0155	600	102.
1	0500	61	2.	*	1	2000	241	1660.	*	2	1100	421	1586.	*	3	0200	601	99.
1	0505	62	2.	*	1	2005	242	1785.	*	2	1105	422	1563.	*	3	0205	602	97.
1	0510	63	2.	*	1	2010	243	2173.	*	2	1110	423	1539.	*	3	0210	603	95.
1	0515	64	2.	*	1	2015	244	3583.	*	2	1115	424	1516.	*	3	0215	604	92.
1	0520	65	2.	*	1	2020	245	4725.	*	2	1120	425	1492.	*	3	0220	605	90.
1	0525	66	2.	*	1	2025	246	5898.	*	2	1125	426	1469.	*	3	0225	606	88.
1	0530	67	2.	*	1	2030	247	7186.	*	2	1130	427	1446.	*	3	0230	607	86.
1	0535	68	2.	*	1	2035	248	8092.	*	2	1135	428	1423.	*	3	0235	608	85.
1	0540	69	2.	*	1	2040	249	8642.	*	2	1140	429	1401.	*	3	0240	609	83.
1	0545	70	3.	*	1	2045	250	9118.	*	2	1145	430	1379.	*	3	0245	610	81.
1	0550	71	3.	*	1	2050	251	9568.	*	2	1150	431	1358.	*	3	0250	611	79.
1	0555	72	3.	*	1	2055	252	10005.	*	2	1155	432	1337.	*	3	0255	612	78.
1	0600	73	3.	*	1	2100	253	10439.	*	2	1200	433	1316.	*	3	0300	613	76.
1	0605	74	3.	*	1	2105	254	10740.	*	2	1205	434	1296.	*	3	0305	614	74.
1	0610	75	3.	*	1	2110	255	10757.	*	2	1210	435	1275.	*	3	0310	615	73.
1	0615	76	3.	*	1	2115	256	10657.	*	2	1215	436	1254.	*	3	0315	616	71.
1	0620	77	3.	*	1	2120	257	10517.	*	2	1220	437	1233.	*	3	0320	617	70.
1	0625	78	3.	*	1	2125	258	10361.	*	2	1225	438	1212.	*	3	0325	618	68.
1	0630	79	3.	*	1	2130	259	10189.	*	2	1230	439	1191.	*	3	0330	619	67.
1	0635	80	3.	*	1	2135	260	10017.	*	2	1235	440	1171.	*	3	0335	620	65.
1	0640	81	3.	*	1	2140	261	9848.	*	2	1240	441	1151.	*	3	0340	621	64.
1	0645	82	3.	*	1	2145	262	9679.	*	2	1245	442	1131.	*	3	0345	622	63.
1	0650	83	4.	*	1	2150	263	9510.	*	2	1250	443	1112.	*	3	0350	623	62.
1	0655	84	4.	*	1	2155	264	9340.	*	2	1255	444	1093.	*	3	0355	624	61.
1	0700	85	4.	*	1	2200	265	9169.	*	2	1300	445	1075.	*	3	0400	625	60.
1	0705	86	4.	*	1	2205	266	9001.	*	2	1305	446	1056.	*	3	0405	626	58.
1	0710	87	4.	*	1	2210	267	8837.	*	2	1310	447	1039.	*	3	0410	627	57.
1	0715	88	4.	*	1	2215	268	8674.	*	2	1315	448	1022.	*	3	0415	628	57.
1	0720	89	4.	*	1	2220	269	8520.	*	2	1320	449	1005.	*	3	0420	629	56.
1	0725	90	4.	*	1	2225	270	8375.	*	2	1325	450	989.	*	3	0425	630	55.
1	0730	91	4.	*	1	2230	271	8232.	*	2	1330	451	973.	*	3	0430	631	55.
1	0735	92	4.	*	1	2235	272	8101.	*	2	1335	452	957.	*	3	0435	632	54.
1	0740	93	4.	*	1	2240	273	7981.	*	2	1340	453	941.	*	3	0440	633	54.
1	0745	94	4.	*	1	2245	274	7865.	*	2	1345	454	926.	*	3	0445	634	53.
1	0750	95	4.	*	1	2250	275	7755.	*	2	1350	455	911.	*	3	0450	635	53.
1	0755	96	4.	*	1	2255	276	7654.	*	2	1355	456	896.	*	3	0455	636	53.
1	0800	97	4.	*	1	2300	277	7554.	*	2	1400	457	882.	*	3	0500	637	52.
1	0805	98	5.	*	1	2305	278	7460.	*	2	1405	458	868.	*	3	0505	638	51.
1	0810	99	5.	*	1	2310	279	7373.	*	2	1410	459	855.	*	3	0510	639	50.
1	0815	100	5.	*	1	2315	280	7287.	*	2	1415	460	841.	*	3	0515	640	49.
1	0820	101	5.	*	1	2320	281	7207.	*	2	1420	461	828.	*	3	0520	641	48.
1	0825	102	5.	*	1	2325	282	7134.	*	2	1425	462	816.	*	3	0525	642	47.
1	0830	103	5.	*	1	2330	283	7062.	*	2	1430	463	803.	*	3	0530	643	46.
1	0835	104	5.	*	1	2335	284	6994.	*	2	1435	464	792.	*	3	0535	644	46.
1	0840	105	5.	*	1	2340	285	6929.	*	2	1440	465	780.	*	3	0540	645	45.
1	0845	106	5.	*	1	2345	286	6866.	*	2	1445	466	769.	*	3	0545	646	44.
1	0850	107	5.	*	1	2350	287	6806.	*	2	1450	467	759.	*	3	0550	647	44.
1	0855	108	5.	*	1	2355	288	6751.	*	2	1455	468	749.	*	3	0555	648	43.
1	0900	109	5.	*	2	0000	289	6697.	*	2	1500	469	739.	*	3	0600	649	42.
1	0905	110	5.	*	2	0005	290	6643.	*	2	1505	470	729.	*	3	0605	650	42.
1	0910	111	5.	*	2	0010	291	6587.	*	2	1510	471	719.	*	3	0610	651	41.
1	0915	112	5.	*	2	0015	292	6531.	*	2	1515	472	708.	*	3	0615	652	40.
1	0920	113	5.	*	2	0020	293	6476.	*	2	1520	473	698.	*	3	0620	653	39.
1	0925	114	5.	*	2	0025	294	6424.	*	2	1525	474	688.	*	3	0625	654	38.
1	0930	115	5.	*	2	0030	295	6373.	*	2	1530	475	678.	*	3	0630	655	38.
1	0935	116	5.	*	2	0035	296	6325.	*	2	1535	476	669.	*	3	0635	656	37.
1	0940	117	6.	*	2	0040	297	6281.	*	2	1540	477	660.	*	3	0640	657	36.
1	0945	118	6.	*	2	0045	298	6238.	*	2	1545	478	650.	*	3	0645	658	36.
1	0950	119	6.	*	2	0050	299	6197.	*	2	1550	479	641.	*	3	0650	659	35.
1	0955	120	6.	*	2	0055	300	6158.	*	2	1555	480	632.	*	3	0655	660	34.
1	1000	121	6.	*	2	0100	301	6120.	*	2	1600	481	623.	*	3	0700	661	34.
1	1005	122	6.	*	2	0105	302	6084.	*	2	1605	482	614.	*	3	0705	662	33.
1	1010	123	6.	*	2	0110	303	6049.	*	2	1610	483	606.	*	3	0710	663	32.
1	1015	124	6.	*	2	0115	304	6014.	*	2	1615	484	597.	*	3	0715	664	31.
1	1020	125	6.	*	2	0120	305	5980.	*	2	1620	485	589.	*	3	0720	665	30.
1	1025	126	6.	*	2	0125	306	5945.	*	2	1625	486	581.	*	3	0725	666	29.
1	1030	127	6.	*	2	0130	307	5911.	*	2	1630	487	573.	*	3	0730	667	28.
1	1035	128	6.	*	2	0135	308	5879.	*	2	1635	488	565.	*	3	0735	668	27.
1	1040	129	6.	*	2	0140	309	5849.	*	2	1640	489	558.	*	3	0740	669	26.
1	1045	130	6.	*	2	0145	310	5821.	*	2	1645	490	550.	*	3	0745	670	26.
1	1050	131	6.	*	2	0150	311	5794.	*	2	1650	491	543.	*	3	0750	671	25.
1	1055	132	6.	*	2	0155	312	5768.	*	2	1655	492	535.	*	3	0755	672	25.
1	1100	133	6.	*	2	0200	313	5744.	*	2	1700	493	528.	*	3	0800	673	24.
1	1105	134	6.	*	2	0205	314	5720.	*	2	1705	494	520.	*	3	0805	674	24.
1	1110	135	6.	*	2	0210	315	5699.	*	2	1710	495	513.	*	3	0810	675	23.
1	1115	136	6.	*	2	0215	316	5678.	*	2	1715	496	505.	*	3	0815	676	22.
1	1120	137	6.	*	2	0220	317	5659.	*	2	1720	497	497.	*	3	0820	677	22.
1	1125	138	6.	*	2	0225	318	5638.	*	2	1725	498	490.	*	3	0825	678	21.
1	1130	139	6.	*	2	0230	319	5617.	*	2	1730	499	482.	*	3	0830	679	20.
1	1135	140	6.	*	2	0235	320	5595.	*	2	1735	500	474.	*	3	0835	680	20.
1	1140	141	7.	*	2	0240	321	5571.	*	2	1740	501	467.	*	3	0840	681	19.
1	1145	142	7.	*	2	0245	322	5547.	*	2	1745	502	460.	*	3	0845	682	19.
1	1150	143	7.	*	2	0250	323	5526.	*	2	1750	503	453.	*	3	0850	683	18.
1	1155	144	7.	*	2	0255	324	5509.	*	2	1755	504	446.	*	3	0855	684	18.
1	1200	145	7.	*	2	0300	325	5493.	*	2	1800	505	440.	*	3	0900	685	18.
1	1205	146	7.	*	2	0305	326	5474.	*	2	1805	506	434.	*	3	0905	686	17.
1	1210	147	6.	*	2	0310	327	5452.	*	2	1810	507	428.	*	3	0910	687	17.
1	1215	148	6.	*	2	0315	328	5429.	*	2	1815	508	422.	*	3	0915	688	17.

1	1220	149	6.	*	2	0320	329	5406.	*	2	1820	509	416.	*	3	0920	689	17.
1	1225	150	6.	*	2	0325	330	5384.	*	2	1825	510	410.	*	3	0925	690	16.
1	1230	151	6.	*	2	0330	331	5362.	*	2	1830	511	405.	*	3	0930	691	16.
1	1235	152	6.	*	2	0335	332	5339.	*	2	1835	512	399.	*	3	0935	692	15.
1	1240	153	6.	*	2	0340	333	5316.	*	2	1840	513	393.	*	3	0940	693	14.
1	1245	154	6.	*	2	0345	334	5293.	*	2	1845	514	387.	*	3	0945	694	13.
1	1250	155	6.	*	2	0350	335	5266.	*	2	1850	515	382.	*	3	0950	695	13.
1	1255	156	6.	*	2	0355	336	5236.	*	2	1855	516	376.	*	3	0955	696	12.
1	1300	157	6.	*	2	0400	337	5205.	*	2	1900	517	371.	*	3	1000	697	12.
1	1305	158	6.	*	2	0405	338	5169.	*	2	1905	518	365.	*	3	1005	698	11.
1	1310	159	6.	*	2	0410	339	5128.	*	2	1910	519	360.	*	3	1010	699	11.
1	1315	160	6.	*	2	0415	340	5086.	*	2	1915	520	354.	*	3	1015	700	10.
1	1320	161	6.	*	2	0420	341	5041.	*	2	1920	521	349.	*	3	1020	701	10.
1	1325	162	6.	*	2	0425	342	4994.	*	2	1925	522	345.	*	3	1025	702	9.
1	1330	163	6.	*	2	0430	343	4947.	*	2	1930	523	341.	*	3	1030	703	9.
1	1335	164	6.	*	2	0435	344	4896.	*	2	1935	524	336.	*	3	1035	704	8.
1	1340	165	6.	*	2	0440	345	4841.	*	2	1940	525	332.	*	3	1040	705	7.
1	1345	166	6.	*	2	0445	346	4786.	*	2	1945	526	328.	*	3	1045	706	7.
1	1350	167	6.	*	2	0450	347	4728.	*	2	1950	527	323.	*	3	1050	707	6.
1	1355	168	6.	*	2	0455	348	4668.	*	2	1955	528	319.	*	3	1055	708	6.
1	1400	169	7.	*	2	0500	349	4607.	*	2	2000	529	315.	*	3	1100	709	5.
1	1405	170	13.	*	2	0505	350	4543.	*	2	2005	530	312.	*	3	1105	710	4.
1	1410	171	23.	*	2	0510	351	4477.	*	2	2010	531	308.	*	3	1110	711	4.
1	1415	172	32.	*	2	0515	352	4409.	*	2	2015	532	305.	*	3	1115	712	3.
1	1420	173	36.	*	2	0520	353	4340.	*	2	2020	533	301.	*	3	1120	713	3.
1	1425	174	39.	*	2	0525	354	4269.	*	2	2025	534	298.	*	3	1125	714	3.
1	1430	175	42.	*	2	0530	355	4197.	*	2	2030	535	295.	*	3	1130	715	2.
1	1435	176	44.	*	2	0535	356	4126.	*	2	2035	536	291.	*	3	1135	716	2.
1	1440	177	45.	*	2	0540	357	4056.	*	2	2040	537	288.	*	3	1140	717	2.
1	1445	178	47.	*	2	0545	358	3986.	*	2	2045	538	285.	*	3	1145	718	2.
1	1450	179	48.	*	2	0550	359	3917.	*	2	2050	539	281.	*	3	1150	719	1.
1	1455	180	50.	*	2	0555	360	3850.	*	2	2055	540	278.	*	3	1155	720	1.
				*					*					*				

****
*

PEAK FLOW (CFS)	TIME (HR)	MAXIMUM AVERAGE FLOW (CFS) 6-HR	24-HR	72-HR	59.92-HR
+ 10757.	21.17	7537.	3537.	1461.	1461.
		(INCHES) 250.270	469.846	484.482	484.482
		(AC-FT) 3737.	7016.	7235.	7235.

CUMULATIVE AREA = .28 SQ MI

****
*

HYDROGRAPH AT STATION CPD
SUM OF 2 HYDROGRAPHS
PLAN 1, RATIO = .93

****
*

DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	*	1		1500	181	50.	*	2		0600	361	3783.	*	2		2100	541	274.
1		0005	2	0.	*	1		1505	182	51.	*	2		0605	362	3715.	*	2		2105	542	271.
1		0010	3	0.	*	1		1510	183	52.	*	2		0610	363	3648.	*	2		2110	543	268.
1		0015	4	0.	*	1		1515	184	53.	*	2		0615	364	3580.	*	2		2115	544	264.
1		0020	5	0.	*	1		1520	185	53.	*	2		0620	365	3513.	*	2		2120	545	261.
1		0025	6	0.	*	1		1525	186	50.	*	2		0625	366	3449.	*	2		2125	546	258.
1		0030	7	0.	*	1		1530	187	45.	*	2		0630	367	3385.	*	2		2130	547	255.
1		0035	8	0.	*	1		1535	188	42.	*	2		0635	368	3323.	*	2		2135	548	252.
1		0040	9	0.	*	1		1540	189	43.	*	2		0640	369	3263.	*	2		2140	549	248.
1		0045	10	0.	*	1		1545	190	52.	*	2		0645	370	3203.	*	2		2145	550	245.
1		0050	11	0.	*	1		1550	191	67.	*	2		0650	371	3145.	*	2		2150	551	241.
1		0055	12	0.	*	1		1555	192	78.	*	2		0655	372	3090.	*	2		2155	552	237.
1		0100	13	0.	*	1		1600	193	91.	*	2		0700	373	3036.	*	2		2200	553	234.
1		0105	14	0.	*	1		1605	194	116.	*	2		0705	374	2984.	*	2		2205	554	230.
1		0110	15	0.	*	1		1610	195	135.	*	2		0710	375	2935.	*	2		2210	555	227.
1		0115	16	0.	*	1		1615	196	115.	*	2		0715	376	2888.	*	2		2215	556	224.
1		0120	17	0.	*	1		1620	197	85.	*	2		0720	377	2841.	*	2		2220	557	221.
1		0125	18	0.	*	1		1625	198	72.	*	2		0725	378	2794.	*	2		2225	558	218.
1		0130	19	0.	*	1		1630	199	70.	*	2		0730	379	2747.	*	2		2230	559	214.
1		0135	20	0.	*	1		1635	200	70.	*	2		0735	380	2703.	*	2		2235	560	211.
1		0140	21	0.	*	1		1640	201	68.	*	2		0740	381	2664.	*	2		2240	561	208.
1		0145	22	0.	*	1		1645	202	68.	*	2		0745	382	2626.	*	2		2245	562	205.
1		0150	23	0.	*	1		1650	203	67.	*	2		0750	383	2588.	*	2		2250	563	202.
1		0155	24	0.	*	1		1655	204	67.	*	2		0755	384	2550.	*	2		2255	564	199.
1		0200	25	0.	*	1		1700	205	64.	*	2		0800	385	2511.	*	2		2300	565	196.
1		0205	26	0.	*	1		1705	206	56.	*	2		0805	386	2473.	*	2		2305	566	193.
1		0210	27	0.	*	1		1710	207	41.	*	2		0810	387	2434.	*	2		2310	567	190.
1		0215	28	0.	*	1		1715	208	31.	*	2		0815	388	2395.	*	2		2315	568	186.
1		0220	29	0.	*	1		1720	209	25.	*	2		0820	389	2358.	*	2		2320	569	183.
1		0225	30	0.	*	1		1725	210	21.	*	2		0825	390	2324.	*	2		2325	570	180.
1		0230	31	0.	*	1		1730	211	19.	*	2		0830	391	2291.	*	2		2330	571	177.
1		0235	32	0.	*	1		1735	212	17.	*	2		0835	392	2259.	*	2		2335	572	174.
1		0240	33	0.	*	1		1740	213	16.	*	2		0840	393	2227.	*	2		2340	573	171.
1		0245	34	0.	*	1		1745	214	128.	*	2		0845	394	2195.	*	2		2345	574	168.
1		0250	35	0.	*	1		1750	215	261.	*	2		0850	395	2164.	*	2		2350	575	165.
1		0255	36	0.	*	1		1755	216	378.	*	2		0855	396	2134.	*	2		2355	576	163.
1		0300	37	0.	*	1		1800	217	480.	*	2		0900	397	2104.	*	3		0000	577	160.
1		0305	38	0.	*	1		1805	218	571.	*	2		0905	398	2075.	*	3		0005	578	158.
1		0310	39	0.	*	1		1810	219	653.	*	2		0910	399	2047.	*	3		0010	579	155.
1		0315	40	0.	*	1		1815	220	728.	*	2		0915	400	2019.	*	3		0015	580	153.
1		0320	41	0.	*	1		1820	221	796.	*	2		0920	401	1991.	*	3		0020	581	150.
1		0325	42	0.	*	1		1825	222	857.	*	2		0925	402	1979.	*	3		0025	582	148.
1		0330	43	0.	*	1		1830	223	914.	*	2		0930	403	1970.	*	3		0030	583	145.
1		0335	44	0.	*	1		1835	224	966.	*	2		0935	404	1958.	*	3		0035	584	143.
1		0340	45	0.	*	1		1840	225	1013.	*	2		0940	405	1943.	*	3		0040	585	140.
1		0345	46	0.	*	1		1845	226	1057.	*	2		0945	406	1927.	*	3		0045	586	138.
1		0350	47	0.	*	1		1850	227	1098.	*	2		0950	407	1908.	*	3		0050	587	135.
1		0355	48	0.	*	1		1855	228	1139.	*	2		0955	408	1888.	*	3		0055	588	133.
1		0400	49	0.	*	1		1900	229	1179.	*	2		1000	409	1867.	*	3		0100	589	130.
1		0405	50	1.	*	1		1905	230	1219.	*	2		1005	410	1845.	*	3		0105	590	127.

1	0410	51	1.	*	1	1910	231	1260.	*	2	1010	411	1822.	*	3	0110	591	125.
1	0415	52	1.	*	1	1915	232	1301.	*	2	1015	412	1799.	*	3	0115	592	122.
1	0420	53	1.	*	1	1920	233	1341.	*	2	1020	413	1775.	*	3	0120	593	119.
1	0425	54	1.	*	1	1925	234	1379.	*	2	1025	414	1752.	*	3	0125	594	117.
1	0430	55	1.	*	1	1930	235	1416.	*	2	1030	415	1728.	*	3	0130	595	114.
1	0435	56	1.	*	1	1935	236	1452.	*	2	1035	416	1704.	*	3	0135	596	111.
1	0440	57	1.	*	1	1940	237	1487.	*	2	1040	417	1681.	*	3	0140	597	109.
1	0445	58	1.	*	1	1945	238	1522.	*	2	1045	418	1657.	*	3	0145	598	106.
1	0450	59	1.	*	1	1950	239	1561.	*	2	1050	419	1633.	*	3	0150	599	104.
1	0455	60	2.	*	1	1955	240	1608.	*	2	1055	420	1610.	*	3	0155	600	102.
1	0500	61	2.	*	1	2000	241	1660.	*	2	1100	421	1586.	*	3	0200	601	99.
1	0505	62	2.	*	1	2005	242	1785.	*	2	1105	422	1563.	*	3	0205	602	97.
1	0510	63	2.	*	1	2010	243	2173.	*	2	1110	423	1539.	*	3	0210	603	95.
1	0515	64	2.	*	1	2015	244	3583.	*	2	1115	424	1516.	*	3	0215	604	92.
1	0520	65	2.	*	1	2020	245	4725.	*	2	1120	425	1492.	*	3	0220	605	90.
1	0525	66	2.	*	1	2025	246	5898.	*	2	1125	426	1469.	*	3	0225	606	88.
1	0530	67	2.	*	1	2030	247	7186.	*	2	1130	427	1446.	*	3	0230	607	86.
1	0535	68	2.	*	1	2035	248	8092.	*	2	1135	428	1423.	*	3	0235	608	85.
1	0540	69	2.	*	1	2040	249	8642.	*	2	1140	429	1401.	*	3	0240	609	83.
1	0545	70	2.	*	1	2045	250	9117.	*	2	1145	430	1379.	*	3	0245	610	81.
1	0550	71	3.	*	1	2050	251	9568.	*	2	1150	431	1358.	*	3	0250	611	79.
1	0555	72	3.	*	1	2055	252	10005.	*	2	1155	432	1337.	*	3	0255	612	78.
1	0600	73	3.	*	1	2100	253	10439.	*	2	1200	433	1316.	*	3	0300	613	76.
1	0605	74	3.	*	1	2105	254	10740.	*	2	1205	434	1296.	*	3	0305	614	74.
1	0610	75	3.	*	1	2110	255	10757.	*	2	1210	435	1275.	*	3	0310	615	73.
1	0615	76	3.	*	1	2115	256	10657.	*	2	1215	436	1254.	*	3	0315	616	71.
1	0620	77	3.	*	1	2120	257	10517.	*	2	1220	437	1233.	*	3	0320	617	70.
1	0625	78	3.	*	1	2125	258	10361.	*	2	1225	438	1212.	*	3	0325	618	68.
1	0630	79	3.	*	1	2130	259	10189.	*	2	1230	439	1191.	*	3	0330	619	67.
1	0635	80	3.	*	1	2135	260	10017.	*	2	1235	440	1171.	*	3	0335	620	65.
1	0640	81	3.	*	1	2140	261	9848.	*	2	1240	441	1151.	*	3	0340	621	64.
1	0645	82	3.	*	1	2145	262	9679.	*	2	1245	442	1131.	*	3	0345	622	63.
1	0650	83	3.	*	1	2150	263	9510.	*	2	1250	443	1112.	*	3	0350	623	62.
1	0655	84	4.	*	1	2155	264	9340.	*	2	1255	444	1093.	*	3	0355	624	61.
1	0700	85	4.	*	1	2200	265	9169.	*	2	1300	445	1075.	*	3	0400	625	60.
1	0705	86	4.	*	1	2205	266	9001.	*	2	1305	446	1056.	*	3	0405	626	58.
1	0710	87	4.	*	1	2210	267	8837.	*	2	1310	447	1039.	*	3	0410	627	57.
1	0715	88	4.	*	1	2215	268	8674.	*	2	1315	448	1022.	*	3	0415	628	57.
1	0720	89	4.	*	1	2220	269	8520.	*	2	1320	449	1005.	*	3	0420	629	56.
1	0725	90	4.	*	1	2225	270	8375.	*	2	1325	450	989.	*	3	0425	630	55.
1	0730	91	4.	*	1	2230	271	8232.	*	2	1330	451	973.	*	3	0430	631	55.
1	0735	92	4.	*	1	2235	272	8100.	*	2	1335	452	957.	*	3	0435	632	54.
1	0740	93	4.	*	1	2240	273	7981.	*	2	1340	453	941.	*	3	0440	633	54.
1	0745	94	4.	*	1	2245	274	7865.	*	2	1345	454	926.	*	3	0445	634	53.
1	0750	95	4.	*	1	2250	275	7755.	*	2	1350	455	911.	*	3	0450	635	53.
1	0755	96	4.	*	1	2255	276	7654.	*	2	1355	456	896.	*	3	0455	636	53.
1	0800	97	4.	*	1	2300	277	7554.	*	2	1400	457	882.	*	3	0500	637	52.
1	0805	98	4.	*	1	2305	278	7460.	*	2	1405	458	868.	*	3	0505	638	51.
1	0810	99	4.	*	1	2310	279	7373.	*	2	1410	459	855.	*	3	0510	639	50.
1	0815	100	5.	*	1	2315	280	7287.	*	2	1415	460	841.	*	3	0515	640	49.
1	0820	101	5.	*	1	2320	281	7207.	*	2	1420	461	828.	*	3	0520	641	48.
1	0825	102	5.	*	1	2325	282	7134.	*	2	1425	462	816.	*	3	0525	642	47.
1	0830	103	5.	*	1	2330	283	7062.	*	2	1430	463	803.	*	3	0530	643	46.
1	0835	104	5.	*	1	2335	284	6994.	*	2	1435	464	792.	*	3	0535	644	46.
1	0840	105	5.	*	1	2340	285	6929.	*	2	1440	465	780.	*	3	0540	645	45.
1	0845	106	5.	*	1	2345	286	6866.	*	2	1445	466	769.	*	3	0545	646	44.
1	0850	107	5.	*	1	2350	287	6806.	*	2	1450	467	759.	*	3	0550	647	44.
1	0855	108	5.	*	1	2355	288	6751.	*	2	1455	468	749.	*	3	0555	648	43.
1	0900	109	5.	*	2	0000	289	6697.	*	2	1500	469	739.	*	3	0600	649	42.
1	0905	110	5.	*	2	0005	290	6642.	*	2	1505	470	729.	*	3	0605	650	42.
1	0910	111	5.	*	2	0010	291	6587.	*	2	1510	471	719.	*	3	0610	651	41.
1	0915	112	5.	*	2	0015	292	6531.	*	2	1515	472	708.	*	3	0615	652	40.
1	0920	113	5.	*	2	0020	293	6476.	*	2	1520	473	698.	*	3	0620	653	39.
1	0925	114	5.	*	2	0025	294	6424.	*	2	1525	474	688.	*	3	0625	654	38.
1	0930	115	5.	*	2	0030	295	6373.	*	2	1530	475	678.	*	3	0630	655	38.
1	0935	116	5.	*	2	0035	296	6325.	*	2	1535	476	669.	*	3	0635	656	37.
1	0940	117	5.	*	2	0040	297	6281.	*	2	1540	477	660.	*	3	0640	657	36.
1	0945	118	5.	*	2	0045	298	6238.	*	2	1545	478	650.	*	3	0645	658	36.
1	0950	119	5.	*	2	0050	299	6197.	*	2	1550	479	641.	*	3	0650	659	35.
1	0955	120	6.	*	2	0055	300	6158.	*	2	1555	480	632.	*	3	0655	660	34.
1	1000	121	6.	*	2	0100	301	6120.	*	2	1600	481	623.	*	3	0700	661	34.
1	1005	122	6.	*	2	0105	302	6084.	*	2	1605	482	614.	*	3	0705	662	33.
1	1010	123	6.	*	2	0110	303	6049.	*	2	1610	483	606.	*	3	0710	663	32.
1	1015	124	6.	*	2	0115	304	6014.	*	2	1615	484	597.	*	3	0715	664	31.
1	1020	125	6.	*	2	0120	305	5980.	*	2	1620	485	589.	*	3	0720	665	30.
1	1025	126	6.	*	2	0125	306	5945.	*	2	1625	486	581.	*	3	0725	666	29.
1	1030	127	6.	*	2	0130	307	5911.	*	2	1630	487	573.	*	3	0730	667	28.
1	1035	128	6.	*	2	0135	308	5879.	*	2	1635	488	565.	*	3	0735	668	27.
1	1040	129	6.	*	2	0140	309	5849.	*	2	1640	489	558.	*	3	0740	669	26.
1	1045	130	6.	*	2	0145	310	5821.	*	2	1645	490	550.	*	3	0745	670	26.
1	1050	131	6.	*	2	0150	311	5794.	*	2	1650	491	543.	*	3	0750	671	25.
1	1055	132	6.	*	2	0155	312	5768.	*	2	1655	492	535.	*	3	0755	672	25.
1	1100	133	6.	*	2	0200	313	5744.	*	2	1700	493	528.	*	3	0800	673	24.
1	1105	134	6.	*	2	0205	314	5720.	*	2	1705	494	520.	*	3	0805	674	24.
1	1110	135	6.	*	2	0210	315	5699.	*	2	1710	495	513.	*	3	0810	675	23.
1	1115	136	6.	*	2	0215	316	5678.	*	2	1715	496	505.	*	3	0815	676	22.
1	1120	137	6.	*	2	0220	317	5659.	*	2	1720	497	497.	*	3	0820	677	22.
1	1125	138	6.	*	2	0225	318	5638.	*	2	1725	498	490.	*	3	0825	678	21.
1	1130	139	6.	*	2	0230	319	5617.	*	2	1730	499	482.	*	3	0830	679	20.
1	1135	140	6.	*	2	0235	320	5595.	*	2	1735	500	474.	*	3	0835	680	20.
1	1140	141	6.	*	2	0240	321	5571.	*	2	1740	501	467.	*	3	0840	681	19.
1	1145	142	6.	*	2	0245	322	5547.	*	2	1745	502	460.	*	3	0845	682	19.
1	1150	143	6.	*	2	0250	323	5526.	*	2	1750	503	453.	*	3	0850	683	18.
1	1155	144	6.	*	2	0255	324	5509.	*	2	1755	504	446.	*	3	0855	684	18.
1	1200	145	6.	*	2	0300	325	5493.	*	2	1800	505	440.	*	3	0900	685	18.
1	1205	146	6.	*	2	0305	326	5474.	*	2	1805	506	434.	*	3	0905	686	17.
1	1210	147	6.	*	2	0310	327	5452.	*	2	1810	507	428.	*	3	0910	687	17.
1	1215	148	6.	*	2	0315	328	5429.	*	2	1815	508	422.	*	3	0915	688	17.
1	1220	149	6.	*	2	0320	329	5406.	*	2	1820	509	416.	*	3	0920	689	17.
1	1225	150	6.	*	2	0325	330	5384.	*	2	1825	510	410.	*	3	0925	690	16.
1	1230	151	6.	*	2	0330	331	5362.	*	2	1830	511	405.	*	3	0930	691	16.
1	1235	152	6.	*	2	0335	332	5339.	*	2	1835	512	399.	*	3	0935	692	15.
1	1240	153	6.	*	2	0340	333	5316.	*	2	1840	513	393.	*	3	0940	693	14.
1	1245	154	6.	*	2	0345	334	5293.	*	2	1845	514	387.	*	3	0945	694	13.
1	1250	155	6.	*	2	0350	335	5266.	*	2	1850	515	382.	*	3	0950	695	13.
1	1255	156	6.	*	2	0355	336	5236.	*	2	1855	516	376.	*	3	0955	696	12.
1	1300	157	6.	*	2	0400	337	5205.	*	2	1900	517	371.	*	3	1000	697	12.
1	1305	158	6.	*	2	0405	338	5169.	*	2	1905	518	365.	*	3	1005	698	11.
1	1310	159	6.	*	2	0410	339	5128.	*	2	1910	519	360.	*	3	1010	699	11.
1	1315	160	6.	*	2	0415	340	5086.	*	2	1915	520	354.	*	3	1015	700	10.
1	1320	161	6.	*	2	0420	341	5041.	*	2	1920	521	349.	*	3	1020	701	10.
1	1325	162	6.	*	2	0425	342	4994.	*	2	1925	522	345.	*	3	1025	702	9.

1	1330	163	6.	*	2	0430	343	4947.	*	2	1930	523	341.	*	3	1030	703	9.
1	1335	164	6.	*	2	0435	344	4896.	*	2	1935	524	336.	*	3	1035	704	8.
1	1340	165	6.	*	2	0440	345	4841.	*	2	1940	525	332.	*	3	1040	705	7.
1	1345	166	6.	*	2	0445	346	4786.	*	2	1945	526	328.	*	3	1045	706	7.
1	1350	167	6.	*	2	0450	347	4728.	*	2	1950	527	323.	*	3	1050	707	6.
1	1355	168	6.	*	2	0455	348	4668.	*	2	1955	528	319.	*	3	1055	708	6.
1	1400	169	7.	*	2	0500	349	4607.	*	2	2000	529	315.	*	3	1100	709	5.
1	1405	170	13.	*	2	0505	350	4543.	*	2	2005	530	312.	*	3	1105	710	4.
1	1410	171	23.	*	2	0510	351	4477.	*	2	2010	531	308.	*	3	1110	711	4.
1	1415	172	31.	*	2	0515	352	4409.	*	2	2015	532	305.	*	3	1115	712	3.
1	1420	173	36.	*	2	0520	353	4340.	*	2	2020	533	301.	*	3	1120	713	3.
1	1425	174	39.	*	2	0525	354	4269.	*	2	2025	534	298.	*	3	1125	714	3.
1	1430	175	41.	*	2	0530	355	4197.	*	2	2030	535	295.	*	3	1130	715	2.
1	1435	176	43.	*	2	0535	356	4126.	*	2	2035	536	291.	*	3	1135	716	2.
1	1440	177	45.	*	2	0540	357	4056.	*	2	2040	537	288.	*	3	1140	717	2.
1	1445	178	46.	*	2	0545	358	3986.	*	2	2045	538	285.	*	3	1145	718	2.
1	1450	179	48.	*	2	0550	359	3917.	*	2	2050	539	281.	*	3	1150	719	1.
1	1455	180	49.	*	2	0555	360	3850.	*	2	2055	540	278.	*	3	1155	720	1.
				*					*					*				

****
*

PEAK FLOW (CFS)	TIME (HR)	MAXIMUM AVERAGE FLOW (CFS)	6-HR	24-HR	72-HR	59.92-HR
+ 10757.	21.17		7537.	3537.	1461.	1461.
		(INCHES)	250.267	469.841	484.456	484.456
		(AC-FT)	3737.	7016.	7235.	7235.

CUMULATIVE AREA = .28 SQ MI

1

PEAK FLOW AND STAGE (END-OF-PERIOD) SUMMARY FOR MULTIPLE PLAN-RATIO ECONOMIC COMPUTATIONS
FLOWS IN CUBIC FEET PER SECOND, AREA IN SQUARE MILES
TIME TO PEAK IN HOURS

OPERATION	STATION	AREA	PLAN		RATIOS APPLIED TO PRECIPITATION RATIO 1 1.00	RATIO 2 .98	RATIO 3 .97	RATIO 4 .96	RATIO 5 .95	RATIO 6 .94	RATIO 7 .93
HYDROGRAPH AT											
+	ONSIT	.00	1	FLOW	10808.	10808.	10808.	10808.	10808.	10808.	10808.
				TIME	21.08	21.08	21.08	21.08	21.08	21.08	21.08
ROUTED TO											
+	PKB	.00	1	FLOW	10747.	10747.	10747.	10747.	10747.	10747.	10747.
				TIME	21.17	21.17	21.17	21.17	21.17	21.17	21.17
			** PEAK STAGES IN FEET **								
			1	STAGE	2589.41	2589.41	2589.41	2589.41	2589.41	2589.41	2589.41
				TIME	21.17	21.17	21.17	21.17	21.17	21.17	21.17
HYDROGRAPH AT											
+	STA1	.28	1	FLOW	148.	144.	143.	141.	139.	137.	135.
				TIME	16.17	16.17	16.17	16.17	16.17	16.17	16.17
2 COMBINED AT											
+	CPD	.28	1	FLOW	10758.	10758.	10758.	10757.	10757.	10757.	10757.
				TIME	21.17	21.17	21.17	21.17	21.17	21.17	21.17

*** NORMAL END OF HEC-1 ***

APPENDIX E:

POST CONSTRUCTION FLO-2D

ANALYSIS OUTPUT

APPENDIX E:

i. 24-Hour, 100-Year SUMMARY.OUT File

SUMMARY.OUT FILE
CREATED WITH VERSION: 2009.06 BUILD NO. 2009.18.03

NEGATIVE VOLUME CONSERVATION (ACRE FEET)
INDICATES EXCESS VOLUME (OUTFLOW + STORAGE > INFLOW)

SIMULATION TIME (HOURS)	AVERAGE TIMESTEP (SECONDS)	VOLUME CONSERVATION (ACRE FEET)	PERCENT OF INFLOW
0.251	16.446	0.000000	0.000003
0.502	19.608	0.000000	0.000003
0.751	17.572	0.000000	0.000003
1.000	16.327	0.000000	0.000002
1.250	14.062	0.000000	0.000001
1.502	13.947	-0.000001	0.000002
1.751	14.019	0.000000	0.000001
2.000	14.007	0.000000	0.000000
2.254	14.260	0.000001	0.000003
2.503	14.240	-0.000001	0.000002
2.753	14.047	-0.000001	0.000001
3.002	13.400	0.000000	0.000001
3.251	12.787	0.000002	0.000003
3.503	12.428	-0.000002	0.000003
3.752	11.955	0.000003	0.000004
4.002	11.687	0.000003	0.000004
4.251	11.369	-0.000004	0.000005
4.502	11.005	0.000002	0.000002
4.751	10.806	-0.000004	0.000004
5.003	10.545	-0.000001	0.000001
5.251	10.377	0.000000	0.000000
5.502	10.403	-0.000002	0.000002
5.750	10.150	0.000002	0.000002
6.001	10.029	-0.000003	0.000003
6.250	9.858	0.000003	0.000002
6.501	9.319	0.000001	0.000000
6.751	8.983	0.000003	0.000002
7.001	9.396	0.000006	0.000004
7.251	8.970	-0.000005	0.000003
7.500	8.088	-0.000008	0.000006
7.752	7.619	-0.000009	0.000006
8.002	6.868	-0.000001	0.000000
8.251	6.542	-0.000001	0.000001
8.500	6.191	0.000000	0.000000
8.751	5.903	0.000002	0.000001
9.000	5.606	0.000005	0.000003
9.250	5.388	0.000004	0.000002
9.501	5.385	-0.000009	0.000004
9.751	5.382	-0.000005	0.000002
10.001	5.388	0.000001	0.000000
10.251	5.382	-0.000003	0.000001
10.500	5.388	-0.000007	0.000003
10.750	5.382	-0.000011	0.000005
11.000	5.388	0.000002	0.000001
11.251	5.385	-0.000007	0.000003
11.501	5.382	-0.000009	0.000004
11.751	5.388	-0.000002	0.000001
12.000	5.217	-0.000005	0.000002
12.251	5.074	-0.000003	0.000001
12.500	5.010	-0.000001	0.000000
12.751	5.008	-0.000007	0.000002
13.001	4.935	-0.000004	0.000001
13.251	4.988	-0.000007	0.000002
13.501	5.234	-0.000004	0.000001
13.751	4.948	-0.000005	0.000002
14.000	5.188	-0.000001	0.000000
14.250	4.836	-0.000009	0.000002
14.500	4.710	-0.000014	0.000003
14.751	4.554	-0.000009	0.000002
15.001	4.253	0.000008	0.000002
15.250	4.003	-0.000008	0.000001
15.501	3.957	0.000011	0.000002
15.751	3.736	-0.000011	0.000002
16.000	3.545	0.000000	0.000000
16.251	3.525	0.000010	0.000001
16.500	3.379	0.000007	0.000001
16.750	3.293	0.000011	0.000001
17.000	3.266	0.000006	0.000001
17.250	3.169	-0.000019	0.000002
17.500	3.120	0.000030	0.000002
17.750	3.108	0.000020	0.000001
18.001	3.150	-0.000028	0.000002
18.250	2.410	-0.000013	0.000001
18.500	1.198	0.000006	0.000000
18.750	1.070	0.000024	0.000001
19.000	1.070	0.000012	0.000001
19.250	1.070	-0.000019	0.000001
19.500	1.070	0.000052	0.000002
19.750	1.070	0.000027	0.000001
20.000	1.070	0.000001	0.000000
20.250	1.171	0.000074	0.000003
20.500	1.288	-0.000111	0.000004
20.750	1.363	-0.000037	0.000001
21.000	1.378	0.000003	0.000000
21.250	1.403	0.000033	0.000001
21.500	1.478	0.000078	0.000002
21.750	1.575	-0.000013	0.000000
22.000	1.575	-0.000050	0.000001
22.250	1.575	0.000210	0.000005
22.500	1.575	0.000290	0.000006
22.750	1.575	0.000122	0.000003
23.000	1.575	-0.000165	0.000003
23.251	3.044	-0.000206	0.000004
23.501	3.588	0.000343	0.000007
23.751	3.640	0.000291	0.000005
24.001	3.680	-0.000313	0.000006
24.250	3.708	-0.000225	0.000004

24.501	3.724	-0.000289	0.000005
24.751	3.766	0.000100	0.000002
25.001	3.797	0.000055	0.000001
25.251	3.830	-0.000123	0.000002
25.500	3.887	-0.000080	0.000001
25.751	3.922	-0.000391	0.000006
26.001	3.966	0.000117	0.000002
26.250	3.992	0.000081	0.000001
26.501	3.991	-0.000134	0.000002
26.750	3.992	-0.000389	0.000006
27.001	3.990	-0.000192	0.000003
27.250	3.992	-0.000328	0.000005
27.501	3.994	0.000166	0.000002
27.750	3.992	0.000074	0.000001
28.001	3.991	0.000077	0.000001
28.250	3.992	0.000395	0.000005
28.501	3.990	-0.000037	0.000000
28.750	3.992	-0.000296	0.000004
29.001	3.994	-0.000048	0.000001
29.251	3.992	0.000207	0.000003
29.500	3.992	0.000555	0.000007
29.751	3.991	-0.000200	0.000003
30.000	3.992	0.000118	0.000002
30.251	3.990	-0.000127	0.000002
30.500	3.992	-0.000143	0.000002
30.751	3.994	0.000001	0.000000
31.000	3.992	0.000121	0.000002
31.251	4.031	-0.000164	0.000002
31.500	4.093	0.000452	0.000006
31.750	4.113	0.000119	0.000001
32.001	4.140	0.000157	0.000002
32.250	4.172	-0.000488	0.000006
32.501	4.180	0.000246	0.000003
32.750	4.209	-0.000043	0.000001
33.001	4.214	-0.000401	0.000005
33.251	4.246	0.000184	0.000002
33.501	4.265	0.000462	0.000005
33.750	4.278	0.000079	0.000001
34.001	4.276	0.000298	0.000004
34.251	4.274	0.000146	0.000002
34.501	4.285	-0.000285	0.000003
34.751	4.304	-0.000679	0.000008
35.000	4.316	0.000133	0.000002
35.250	4.341	-0.000297	0.000003
35.501	4.364	0.000168	0.000002
35.750	4.403	0.000008	0.000000
36.000	4.426	-0.000067	0.000001
36.250	4.455	0.000422	0.000005
36.500	4.458	-0.000114	0.000001
36.751	4.462	-0.000177	0.000002
37.001	4.465	-0.000259	0.000003
37.250	4.459	-0.000133	0.000002
37.500	4.462	-0.000267	0.000003
37.751	4.465	-0.000252	0.000003
38.001	4.461	-0.000270	0.000003
38.250	4.460	-0.000133	0.000002
38.501	4.465	-0.000433	0.000005
38.751	4.461	-0.000461	0.000005
39.000	4.460	0.000062	0.000001
39.251	4.465	-0.000464	0.000005
39.501	4.461	0.000018	0.000000
39.751	4.464	-0.000194	0.000002
40.000	4.461	-0.000221	0.000003
40.251	4.461	0.000142	0.000002
40.501	4.464	0.000291	0.000003
40.750	4.461	0.000069	0.000001
41.001	4.461	-0.000459	0.000005
41.251	4.464	0.000190	0.000002
41.500	4.461	0.000098	0.000001
41.751	4.461	-0.000247	0.000003
42.001	4.464	-0.000264	0.000003
42.250	4.461	-0.000124	0.000001
42.500	4.461	-0.000134	0.000002
42.751	4.464	-0.000678	0.000008
43.001	4.458	-0.000696	0.000008
43.250	4.464	-0.000896	0.000010
43.501	4.464	-0.000294	0.000003
43.751	4.458	-0.000383	0.000004
44.000	4.464	-0.000683	0.000008
44.251	4.464	-0.000317	0.000004
44.501	4.458	-0.000373	0.000004
44.750	4.472	-0.000364	0.000004
45.000	4.478	-0.000566	0.000006
45.250	4.502	-0.000291	0.000003
45.500	4.518	-0.000526	0.000006
45.750	4.518	0.000148	0.000002
46.000	4.531	-0.000001	0.000000
46.251	4.528	0.000015	0.000000
46.500	4.535	-0.000263	0.000003
46.751	4.537	-0.000757	0.000008
47.000	4.535	-0.000448	0.000005
47.251	4.533	-0.000723	0.000008
47.500	4.535	-0.000547	0.000006
47.751	4.538	-0.000725	0.000008
48.001	4.535	-0.000344	0.000004
48.250	4.535	-0.000606	0.000007
48.501	4.534	0.000227	0.000003
48.750	4.535	-0.000807	0.000009
49.001	4.532	-0.000432	0.000005
49.250	4.535	0.000152	0.000002
49.501	4.537	-0.000377	0.000004
49.750	4.535	-0.000261	0.000003
50.001	4.533	-0.000602	0.000007
50.250	4.535	-0.000518	0.000006
50.501	4.538	-0.000526	0.000006
50.751	4.535	-0.000273	0.000003

51.001	4.534	-0.000374	0.000004
51.251	4.535	-0.000629	0.000007
51.500	4.535	-0.000645	0.000007
51.751	4.539	-0.000550	0.000006
52.000	4.535	-0.000500	0.000006
52.251	4.535	-0.000512	0.000006
52.500	4.535	-0.000712	0.000008
52.751	4.532	-0.000337	0.000004
53.000	4.535	-0.000399	0.000004
53.251	4.537	-0.000677	0.000008
53.501	4.535	-0.000478	0.000005
53.750	4.535	-0.000565	0.000006
54.001	4.533	-0.000271	0.000003
54.250	4.535	-0.000701	0.000008
54.501	4.538	-0.000282	0.000003
54.750	4.535	-0.000443	0.000005
55.001	4.534	-0.000413	0.000005
55.250	4.535	-0.000517	0.000006
55.501	4.532	-0.000655	0.000007
55.750	4.535	-0.000658	0.000007
56.001	4.537	-0.000718	0.000008
56.251	4.535	-0.000478	0.000005
56.501	4.533	-0.000572	0.000006
56.751	4.535	-0.000483	0.000005
57.001	4.538	-0.000682	0.000008
57.251	4.535	-0.000541	0.000006
57.500	4.535	-0.000631	0.000007
57.751	4.534	-0.000278	0.000003
58.000	4.535	-0.000674	0.000008
58.251	4.532	-0.000627	0.000007
58.500	4.535	-0.000708	0.000008
58.751	4.537	-0.000491	0.000006
59.000	4.535	-0.000735	0.000008
59.251	4.533	-0.000326	0.000004
59.500	4.535	-0.000433	0.000005
59.751	4.538	-0.000399	0.000004
60.001	4.535	-0.000589	0.000007
60.250	4.535	-0.000373	0.000004
60.501	4.534	-0.000427	0.000005
60.750	4.535	-0.000543	0.000006
61.001	4.532	-0.000367	0.000004
61.250	4.535	-0.000557	0.000006
61.501	4.537	-0.000657	0.000007
61.750	4.535	-0.000657	0.000007
62.001	4.533	-0.000657	0.000007
62.250	4.535	-0.000657	0.000007
62.501	4.538	-0.000657	0.000007
62.751	4.535	-0.000658	0.000007
63.000	4.535	-0.000658	0.000007
63.251	4.534	-0.000658	0.000007
63.500	4.535	-0.000658	0.000007
63.751	4.539	-0.000658	0.000007
64.000	4.535	-0.000659	0.000007
64.251	4.535	-0.000659	0.000007
64.500	4.535	-0.000659	0.000007
64.751	4.532	-0.000659	0.000007
65.000	4.535	-0.000659	0.000007
65.251	4.537	-0.000660	0.000007
65.501	4.535	-0.000660	0.000007
65.750	4.535	-0.000660	0.000007
66.001	4.533	-0.000660	0.000007
66.250	4.535	-0.000661	0.000007
66.501	4.538	-0.000661	0.000007
66.750	4.535	-0.000661	0.000007
67.001	4.534	-0.000661	0.000007
67.250	4.535	-0.000661	0.000007
67.501	4.532	-0.000662	0.000007
67.750	4.535	-0.000662	0.000007
68.001	4.537	-0.000662	0.000007
68.251	4.535	-0.000662	0.000007
68.500	4.535	-0.000662	0.000007
68.751	4.533	-0.000661	0.000007
69.000	4.535	-0.000661	0.000007
69.251	4.538	-0.000660	0.000007
69.500	4.535	-0.000660	0.000007
69.751	4.534	-0.000659	0.000007
70.000	4.535	-0.000659	0.000007
70.251	4.532	-0.000658	0.000007
70.500	4.535	-0.000658	0.000007
70.751	4.537	-0.000657	0.000007
71.000	4.535	-0.000657	0.000007
71.251	4.533	-0.000656	0.000007
71.500	4.535	-0.000656	0.000007
71.751	4.538	-0.000655	0.000007
72.001	4.535	-0.000655	0.000007

MASS BALANCE INFLOW - OUTFLOW VOLUME

*** INFLOW (ACRE-FEET) ***

TOTAL POINT RAINFALL: 2.9000 INCHES

	WATER
RAINFALL VOLUME	789.04
INFLOW HYDROGRAPH	8125.78
INFLOW HYDROGRAPHS + RAINFALL	8914.83

*** OUTFLOW (ACRE-FT) ***

OVERLAND INFILTRATED AND INTERCEPTED WATER 1.14 INCHES

OVERLAND FLOW	WATER
WATER LOST TO INFILTRATION & INTERCEPTION	385.81
FLOODPLAIN STORAGE	514.23
FLOODPLAIN OUTFLOW HYDROGRAPH	8014.51
FLOODPLAIN OUTFLOW, INFILTRATION & STORAGE	8914.54

CHANNEL FLOW	
CHANNEL STORAGE	0.28
CHANNEL OUTFLOW	0.00
CHANNEL OUTFLOW AND STORAGE	0.28

*** TOTALS ***

TOTAL OUTFLOW FROM GRID SYSTEM	8014.51
TOTAL VOLUME OF OUTFLOW AND STORAGE	8914.83

SURFACE AREA OF INUNDATION REGARDLESS OF THE TIME OF OCCURRENCE:
(FOR FLOW DEPTHS GREATER THAN THE "TOL" VALUE TYPICALLY 0.1 FT OR 0.03 M)

THE MAXIMUM INUNDATED AREA IS:	3701.49 ACRES
THE MAXIMUM WETTED FLOODPLAIN AREA IS:	3700.91 ACRES
THE MAXIMUM WETTED CHANNEL AREA IS:	0.57 ACRES

COMPUTER RUN TIME IS : 0.60999 HRS

THIS OUTPUT FILE WAS TERMINATED ON: 5/23/2011 AT: 16:50:16

APPENDIX E:

ii. 24-Hour, 25-Year SUMMARY.OUT File

NEGATIVE VOLUME CONSERVATION (ACRE FEET)
INDICATES EXCESS VOLUME (OUTFLOW + STORAGE > INFLOW)

SUMMARY.OUT FILE
CREATED WITH VERSION: 2009.06 BUILD NO. 2009.18.03

SIMULATION TIME (HOURS)	AVERAGE TIMESTEP (SECONDS)	VOLUME CONSERVATION (ACRE FEET)	PERCENT OF INFLOW
0.254	17.227	0.000000	0.000000
0.502	19.452	0.000000	0.000003
0.752	20.016	0.000000	0.000000
1.003	17.698	0.000000	0.000001
1.250	16.482	0.000001	0.000005
1.503	14.667	0.000000	0.000001
1.752	13.775	-0.000001	0.000003
2.000	15.165	-0.000001	0.000002
2.251	15.027	-0.000001	0.000002
2.502	15.325	0.000002	0.000005
2.753	15.079	-0.000002	0.000004
3.004	15.042	-0.000001	0.000002
3.251	14.819	-0.000001	0.000001
3.504	14.214	-0.000001	0.000002
3.753	13.795	0.000001	0.000002
4.000	13.316	0.000001	0.000001
4.252	12.771	0.000000	0.000000
4.503	12.553	0.000001	0.000001
4.753	12.131	-0.000001	0.000001
5.001	11.921	0.000003	0.000005
5.251	11.691	0.000001	0.000001
5.502	11.417	-0.000003	0.000004
5.752	11.265	-0.000003	0.000004
6.001	11.080	-0.000003	0.000004
6.250	10.934	0.000000	0.000000
6.501	10.604	-0.000003	0.000003
6.752	10.384	0.000002	0.000002
7.000	10.397	0.000001	0.000001
7.251	10.405	-0.000001	0.000001
7.500	10.292	-0.000001	0.000001
7.752	10.061	-0.000002	0.000001
8.000	10.048	0.000001	0.000001
8.251	9.921	0.000004	0.000003
8.502	8.758	0.000000	0.000000
8.752	9.710	0.000002	0.000002
9.002	9.447	-0.000002	0.000001
9.252	9.091	0.000005	0.000004
9.502	8.333	0.000010	0.000007
9.750	7.926	-0.000002	0.000002
10.000	7.379	-0.000002	0.000002
10.252	6.953	0.000009	0.000006
10.501	6.699	-0.000002	0.000002
10.750	6.505	-0.000003	0.000002
11.000	6.244	0.000000	0.000000
11.250	6.045	0.000008	0.000005
11.501	5.900	-0.000002	0.000001
11.751	5.737	0.000001	0.000001
12.001	5.427	0.000000	0.000000
12.251	5.382	-0.000002	0.000001
12.501	5.388	-0.000001	0.000000
12.751	5.382	0.000001	0.000000
13.001	5.388	-0.000002	0.000001
13.250	5.382	0.000003	0.000001
13.500	5.388	0.000001	0.000001
13.751	5.385	0.000003	0.000001
14.000	5.269	0.000005	0.000002
14.250	4.970	0.000002	0.000001
14.501	4.797	0.000007	0.000002
14.750	4.701	-0.000010	0.000003
15.000	4.523	0.000001	0.000000
15.251	4.336	-0.000002	0.000001
15.501	4.118	0.000003	0.000001
15.751	3.992	0.000008	0.000002
16.000	3.992	0.000004	0.000001
16.251	3.853	0.000002	0.000000
16.500	3.681	-0.000005	0.000001
16.750	3.533	-0.000020	0.000003
17.000	3.526	0.000017	0.000002
17.251	3.525	0.000021	0.000003
17.501	3.475	0.000018	0.000002
17.750	3.464	-0.000005	0.000001
18.000	3.501	-0.000015	0.000002
18.251	3.525	0.000022	0.000002
18.500	3.522	0.000013	0.000001
18.751	3.525	0.000000	0.000000
19.000	3.620	-0.000007	0.000001
19.251	3.665	0.000022	0.000002
19.501	3.706	-0.000004	0.000000
19.750	3.820	0.000037	0.000003
20.001	3.954	-0.000015	0.000001
20.250	3.992	-0.000058	0.000004
20.501	3.994	0.000017	0.000001
20.750	3.992	0.000011	0.000001
21.001	3.991	0.000045	0.000003
21.250	3.992	-0.000059	0.000003
21.501	3.990	-0.000075	0.000004
21.751	4.014	-0.000022	0.000001
22.001	3.954	0.000034	0.000002
22.251	3.978	0.000079	0.000004
22.501	4.020	-0.000024	0.000001
22.750	4.014	0.000039	0.000002
23.001	3.991	0.000030	0.000001
23.251	3.992	-0.000050	0.000002
23.500	3.992	-0.000111	0.000004
23.750	3.990	-0.000164	0.000006
24.001	3.994	0.000092	0.000003
24.251	3.992	-0.000046	0.000002

24.500	3.992	0.000079	0.000003
24.751	3.991	-0.000141	0.000005
25.000	3.992	-0.000079	0.000003
25.251	3.990	-0.000013	0.000000
25.500	3.992	-0.000020	0.000001
25.751	3.994	0.000105	0.000003
26.000	3.992	0.000038	0.000001
26.251	3.991	0.000094	0.000003
26.500	3.992	0.000026	0.000001
26.751	3.990	-0.000144	0.000004
27.000	3.992	-0.000146	0.000004
27.251	3.994	0.000205	0.000005
27.501	3.992	0.000094	0.000002
27.750	3.992	0.000063	0.000002
28.001	3.991	-0.000054	0.000001
28.250	3.992	-0.000045	0.000001
28.501	3.990	-0.000073	0.000002
28.750	4.011	-0.000108	0.000003
29.001	4.031	0.000194	0.000005
29.250	4.042	0.000075	0.000002
29.501	4.064	0.000057	0.000001
29.750	4.062	0.000172	0.000004
30.000	4.111	-0.000070	0.000002
30.251	4.117	0.000002	0.000000
30.501	4.144	-0.000044	0.000001
30.751	4.151	-0.000132	0.000003
31.000	4.175	-0.000093	0.000002
31.250	4.189	0.000217	0.000005
31.501	4.210	0.000107	0.000002
31.750	4.240	-0.000017	0.000000
32.001	4.257	-0.000104	0.000002
32.250	4.272	-0.000031	0.000001
32.501	4.280	0.000224	0.000005
32.750	4.273	-0.000142	0.000003
33.001	4.274	0.000330	0.000007
33.251	4.282	0.000370	0.000008
33.501	4.327	0.000018	0.000000
33.751	4.333	-0.000137	0.000003
34.001	4.363	0.000261	0.000005
34.251	4.370	0.000194	0.000004
34.501	4.392	0.000116	0.000002
34.751	4.435	0.000053	0.000001
35.001	4.451	-0.000366	0.000008
35.251	4.465	-0.000050	0.000001
35.500	4.459	0.000031	0.000001
35.750	4.462	0.000053	0.000001
36.001	4.465	-0.000377	0.000008
36.251	4.461	-0.000028	0.000001
36.500	4.460	0.000127	0.000003
36.751	4.465	-0.000107	0.000002
37.001	4.461	-0.000203	0.000004
37.250	4.460	0.000280	0.000006
37.501	4.465	0.000196	0.000004
37.751	4.461	0.000149	0.000003
38.000	4.460	-0.000020	0.000000
38.251	4.465	0.000052	0.000001
38.501	4.461	-0.000062	0.000001
38.751	4.464	-0.000338	0.000007
39.000	4.461	-0.000212	0.000004
39.251	4.461	-0.000035	0.000001
39.501	4.464	-0.000187	0.000004
39.750	4.461	-0.000246	0.000005
40.001	4.461	0.000179	0.000004
40.251	4.464	0.000179	0.000004
40.500	4.461	0.000293	0.000006
40.750	4.461	0.000167	0.000003
41.001	4.464	0.000274	0.000005
41.250	4.461	0.000275	0.000005
41.500	4.461	0.000257	0.000005
41.751	4.464	-0.000076	0.000001
42.001	4.458	-0.000328	0.000006
42.250	4.464	0.000229	0.000005
42.501	4.464	0.000049	0.000001
42.751	4.458	0.000007	0.000000
43.000	4.464	0.000020	0.000000
43.250	4.464	0.000295	0.000006
43.501	4.458	0.000394	0.000008
43.751	4.462	-0.000368	0.000007
44.001	4.479	0.000157	0.000003
44.251	4.500	-0.000037	0.000001
44.501	4.512	-0.000391	0.000008
44.750	4.519	-0.000371	0.000007
45.000	4.525	-0.000152	0.000003
45.251	4.525	-0.000527	0.000010
45.501	4.538	0.000171	0.000003
45.751	4.532	0.000025	0.000000
46.000	4.535	-0.000137	0.000003
46.251	4.535	-0.000167	0.000003
46.500	4.535	0.000172	0.000003
46.751	4.532	0.000095	0.000002
47.000	4.535	-0.000132	0.000003
47.251	4.537	0.000252	0.000005
47.500	4.535	0.000092	0.000002
47.751	4.533	0.000196	0.000004
48.000	4.535	-0.000305	0.000006
48.251	4.538	-0.000504	0.000010
48.501	4.535	0.000260	0.000005
48.750	4.535	0.000494	0.000010
49.001	4.534	-0.000418	0.000008
49.250	4.535	-0.000243	0.000005
49.501	4.532	0.000264	0.000005
49.750	4.535	0.000086	0.000002
50.001	4.537	0.000203	0.000004
50.250	4.535	0.000142	0.000003
50.501	4.533	-0.000279	0.000005
50.750	4.535	-0.000083	0.000002

51.001	4.538	0.000171	0.000003
51.251	4.535	0.000154	0.000003
51.500	4.535	0.000219	0.000004
51.751	4.534	-0.000106	0.000002
52.000	4.535	0.000049	0.000001
52.251	4.532	0.000114	0.000002
52.500	4.535	0.000011	0.000000
52.751	4.537	0.000061	0.000001
53.000	4.535	0.000311	0.000006
53.251	4.533	0.000258	0.000005
53.500	4.535	0.000022	0.000000
53.751	4.538	-0.000084	0.000002
54.000	4.535	-0.000009	0.000000
54.251	4.534	0.000135	0.000003
54.501	4.535	0.000068	0.000001
54.751	4.532	0.000229	0.000004
55.000	4.535	0.000189	0.000004
55.251	4.537	0.000113	0.000002
55.501	4.535	0.000150	0.000003
55.750	4.535	0.000123	0.000002
56.001	4.533	-0.000049	0.000001
56.250	4.535	0.000347	0.000007
56.501	4.538	0.000040	0.000001
56.750	4.535	0.000329	0.000006
57.001	4.534	0.000052	0.000001
57.250	4.535	0.000240	0.000005
57.501	4.539	0.000322	0.000006
57.751	4.535	-0.000066	0.000001
58.000	4.535	0.000102	0.000002
58.251	4.535	0.000051	0.000001
58.500	4.535	0.000002	0.000000
58.751	4.532	0.000179	0.000003
59.000	4.535	-0.000078	0.000002
59.251	4.537	-0.000056	0.000001
59.500	4.535	0.000093	0.000002
59.751	4.533	0.000051	0.000001
60.000	4.535	0.000100	0.000002
60.251	4.538	0.000163	0.000003
60.501	4.535	0.000330	0.000006
60.750	4.535	-0.000098	0.000002
61.001	4.534	-0.000078	0.000002
61.250	4.535	-0.000078	0.000002
61.501	4.532	-0.000078	0.000002
61.750	4.535	-0.000078	0.000002
62.001	4.537	-0.000079	0.000002
62.250	4.535	-0.000079	0.000002
62.501	4.533	-0.000079	0.000002
62.750	4.535	-0.000079	0.000002
63.001	4.538	-0.000079	0.000002
63.251	4.535	-0.000080	0.000002
63.500	4.535	-0.000080	0.000002
63.751	4.534	-0.000080	0.000002
64.000	4.535	-0.000080	0.000002
64.251	4.532	-0.000081	0.000002
64.500	4.535	-0.000081	0.000002
64.751	4.537	-0.000081	0.000002
65.000	4.535	-0.000081	0.000002
65.251	4.533	-0.000081	0.000002
65.500	4.535	-0.000082	0.000002
65.751	4.538	-0.000082	0.000002
66.001	4.535	-0.000082	0.000002
66.251	4.534	-0.000082	0.000002
66.501	4.535	-0.000082	0.000002
66.750	4.535	-0.000083	0.000002
67.000	4.532	-0.000083	0.000002
67.251	4.537	-0.000083	0.000002
67.501	4.535	-0.000083	0.000002
67.750	4.535	-0.000083	0.000002
68.001	4.533	-0.000082	0.000002
68.250	4.535	-0.000081	0.000002
68.501	4.538	-0.000081	0.000002
68.750	4.535	-0.000080	0.000002
69.001	4.534	-0.000080	0.000002
69.250	4.535	-0.000079	0.000002
69.501	4.539	-0.000079	0.000002
69.751	4.535	-0.000078	0.000002
70.000	4.535	-0.000078	0.000002
70.251	4.535	-0.000077	0.000002
70.500	4.535	-0.000077	0.000002
70.751	4.532	-0.000076	0.000001
71.000	4.535	-0.000076	0.000001
71.251	4.537	-0.000075	0.000001
71.500	4.535	-0.000075	0.000001
71.751	4.533	-0.000074	0.000001
72.000	4.535	-0.000074	0.000001

MASS BALANCE INFLOW - OUTFLOW VOLUME

*** INFLOW (ACRE-FEET) ***

TOTAL POINT RAINFALL: 2.1900 INCHES

	WATER
RAINFALL VOLUME	596.37
INFLOW HYDROGRAPH	4530.77
INFLOW HYDROGRAPHS + RAINFALL	5127.14

*** OUTFLOW (ACRE-FT) ***

OVERLAND INFILTRATED AND INTERCEPTED WATER 1.02 INCHES

```
          OVERLAND FLOW                          WATER

WATER LOST TO INFILTRATION & INTERCEPTION         346.05
FLOODPLAIN STORAGE                                503.45
FLOODPLAIN OUTFLOW HYDROGRAPH                    4277.36
                                               ---------
FLOODPLAIN OUTFLOW, INFILTRATION & STORAGE       5126.86

          CHANNEL FLOW

CHANNEL STORAGE                                      0.28
CHANNEL OUTFLOW                                      0.00
                                               ---------
CHANNEL OUTFLOW AND STORAGE                          0.28

==================================================================================================================
                                  *** TOTALS ***

TOTAL OUTFLOW FROM GRID SYSTEM                   4277.36

TOTAL VOLUME OF OUTFLOW AND STORAGE              5127.14

  SURFACE AREA OF INUNDATION REGARDLESS OF THE TIME OF OCCURRENCE:
  (FOR FLOW DEPTHS GREATER THAN THE "TOL" VALUE TYPICALLY 0.1 FT OR 0.03 M)
THE MAXIMUM INUNDATED AREA IS:                      3274.74 ACRES
THE MAXIMUM WETTED FLOODPLAIN AREA IS:              3274.14 ACRES
THE MAXIMUM WETTED CHANNEL AREA IS:                    0.60 ACRES
==================================================================================================================


     COMPUTER RUN TIME IS :  0.40356 HRS
     THIS OUTPUT FILE WAS TERMINATED ON:   5/23/2011  AT:  16:41: 1
```

APPENDIX E:

iii. 24-Hour, 10-Year SUMMARY.OUT File

SUMMARY.OUT FILE
CREATED WITH VERSION: 2009.06 BUILD NO. 2009.18.03

NEGATIVE VOLUME CONSERVATION (ACRE FEET)
INDICATES EXCESS VOLUME (OUTFLOW + STORAGE > INFLOW)

SIMULATION TIME (HOURS)	AVERAGE TIMESTEP (SECONDS)	VOLUME CONSERVATION (ACRE FEET)	VOLUME CONSERVATION PERCENT OF INFLOW
0.256	17.705	0.000000	0.000000
0.501	20.533	0.000000	0.000004
0.755	19.886	0.000000	0.000003
1.003	18.556	0.000000	0.000000
1.253	18.389	0.000000	0.000003
1.502	15.763	0.000001	0.000005
1.750	13.950	0.000001	0.000003
2.003	13.987	0.000001	0.000002
2.251	15.685	0.000000	0.000001
2.501	15.483	-0.000001	0.000003
2.751	15.825	0.000001	0.000002
3.003	15.639	-0.000002	0.000005
3.251	15.398	-0.000001	0.000002
3.502	15.270	-0.000001	0.000003
3.753	14.825	0.000002	0.000004
4.003	14.312	0.000000	0.000001
4.253	13.859	0.000000	0.000000
4.500	13.456	0.000000	0.000000
4.752	12.975	0.000001	0.000002
5.002	12.657	0.000001	0.000001
5.252	12.508	0.000002	0.000003
5.503	12.180	0.000001	0.000001
5.752	11.835	-0.000003	0.000004
6.002	11.674	0.000003	0.000005
6.251	11.483	-0.000001	0.000001
6.500	11.364	0.000004	0.000005
6.753	11.087	-0.000003	0.000004
7.003	10.963	-0.000003	0.000003
7.251	10.765	0.000003	0.000004
7.502	10.653	0.000002	0.000002
7.750	10.380	-0.000001	0.000001
8.002	10.403	0.000002	0.000002
8.250	10.399	0.000003	0.000003
8.503	10.338	0.000004	0.000004
8.751	10.260	0.000001	0.000001
9.001	10.135	0.000003	0.000003
9.250	9.849	0.000003	0.000003
9.502	9.833	0.000003	0.000002
9.752	8.597	0.000004	0.000004
10.001	9.716	0.000002	0.000002
10.251	9.584	0.000001	0.000001
10.501	9.099	0.000004	0.000003
10.751	8.648	0.000005	0.000004
11.002	8.000	0.000010	0.000008
11.250	7.706	0.000000	0.000000
11.502	7.307	0.000000	0.000000
11.751	6.950	0.000010	0.000007
12.000	6.698	0.000005	0.000003
12.250	6.566	-0.000001	0.000001
12.501	6.301	0.000000	0.000000
12.751	6.079	0.000010	0.000006
13.001	5.861	0.000007	0.000004
13.250	5.569	-0.000003	0.000002
13.502	5.385	0.000001	0.000001
13.751	5.382	0.000000	0.000000
14.001	5.388	0.000013	0.000006
14.251	5.382	0.000010	0.000005
14.501	5.388	0.000011	0.000005
14.751	5.363	-0.000003	0.000001
15.001	4.971	0.000000	0.000000
15.250	4.749	0.000013	0.000004
15.501	4.645	0.000007	0.000002
15.750	4.423	0.000005	0.000001
16.000	4.232	0.000014	0.000004
16.250	4.018	0.000010	0.000002
16.501	3.990	-0.000014	0.000003
16.750	3.985	0.000013	0.000003
17.000	3.802	-0.000003	0.000000
17.250	3.704	0.000021	0.000004
17.501	3.621	0.000002	0.000000
17.751	3.543	-0.000007	0.000001
18.001	3.574	0.000012	0.000002
18.251	3.668	0.000011	0.000001
18.501	3.720	0.000005	0.000001
18.751	3.812	-0.000023	0.000003
19.001	3.970	0.000007	0.000001
19.250	3.992	0.000015	0.000002
19.501	3.991	-0.000001	0.000000
19.750	3.992	-0.000023	0.000003
20.001	3.990	0.000001	0.000000
20.250	3.992	0.000031	0.000003
20.500	4.051	0.000012	0.000001
20.751	4.185	-0.000029	0.000003
21.001	4.213	-0.000004	0.000000
21.251	4.226	-0.000033	0.000003
21.500	4.276	0.000018	0.000002
21.751	4.274	0.000020	0.000002
22.001	4.359	0.000027	0.000002
22.251	4.390	-0.000015	0.000001
22.500	4.352	-0.000027	0.000002
22.751	4.418	-0.000016	0.000001
23.001	4.692	-0.000006	0.000000
23.250	4.513	0.000017	0.000001
23.501	4.494	0.000070	0.000005
23.751	4.556	0.000040	0.000003
24.001	4.743	-0.000054	0.000004
24.251	4.568	0.000023	0.000002

24.501	4.456	0.000039	0.000003
24.751	4.371	-0.000001	0.000000
25.000	4.443	-0.000025	0.000002
25.250	4.453	-0.000022	0.000001
25.501	4.376	-0.000012	0.000001
25.750	4.298	0.000019	0.000001
26.001	4.274	-0.000074	0.000004
26.251	4.272	-0.000012	0.000001
26.501	4.262	-0.000026	0.000001
26.751	4.244	0.000094	0.000005
27.001	4.242	0.000018	0.000001
27.251	4.236	-0.000119	0.000006
27.500	4.227	0.000105	0.000005
27.750	4.252	-0.000034	0.000002
28.001	4.232	0.000040	0.000002
28.251	4.229	0.000018	0.000001
28.501	4.243	-0.000053	0.000002
28.751	4.266	-0.000079	0.000003
29.001	4.240	0.000052	0.000002
29.250	4.257	-0.000100	0.000004
29.500	4.265	-0.000100	0.000004
29.751	4.259	0.000126	0.000005
30.001	4.278	0.000116	0.000005
30.251	4.272	-0.000010	0.000000
30.501	4.272	0.000019	0.000001
30.751	4.273	-0.000003	0.000000
31.000	4.277	0.000101	0.000004
31.251	4.273	-0.000139	0.000005
31.500	4.282	-0.000013	0.000000
31.751	4.292	-0.000092	0.000003
32.001	4.309	-0.000220	0.000008
32.251	4.324	0.000076	0.000003
32.500	4.338	-0.000122	0.000005
32.750	4.374	0.000037	0.000001
33.001	4.396	-0.000055	0.000002
33.251	4.411	-0.000054	0.000002
33.501	4.460	-0.000095	0.000003
33.751	4.451	-0.000073	0.000003
34.000	4.465	0.000040	0.000001
34.250	4.458	0.000136	0.000005
34.501	4.462	-0.000015	0.000001
34.751	4.465	0.000017	0.000001
35.000	4.459	-0.000107	0.000004
35.250	4.462	0.000001	0.000000
35.501	4.465	0.000201	0.000007
35.751	4.461	-0.000059	0.000002
36.000	4.460	-0.000107	0.000004
36.251	4.465	-0.000062	0.000002
36.501	4.461	-0.000097	0.000003
36.750	4.460	0.000094	0.000003
37.001	4.465	0.000025	0.000001
37.251	4.461	-0.000047	0.000002
37.500	4.460	0.000037	0.000001
37.751	4.465	-0.000197	0.000007
38.001	4.461	-0.000055	0.000002
38.251	4.464	0.000177	0.000006
38.500	4.461	0.000108	0.000004
38.751	4.461	-0.000045	0.000001
39.001	4.464	-0.000115	0.000004
39.250	4.461	-0.000448	0.000015
39.501	4.461	-0.000609	0.000020
39.751	4.464	-0.000560	0.000019
40.000	4.461	-0.000678	0.000023
40.250	4.461	-0.000591	0.000020
40.501	4.464	-0.000424	0.000014
40.751	4.458	-0.000532	0.000018
41.000	4.464	-0.000636	0.000021
41.251	4.464	-0.000568	0.000019
41.501	4.458	-0.000604	0.000020
41.750	4.464	-0.000642	0.000021
42.001	4.464	-0.000508	0.000017
42.251	4.458	-0.000499	0.000016
42.501	4.462	-0.000686	0.000023
42.751	4.471	-0.000630	0.000021
43.001	4.486	-0.000743	0.000024
43.250	4.500	-0.000692	0.000023
43.501	4.514	-0.000681	0.000022
43.750	4.517	-0.000519	0.000017
44.000	4.520	-0.000733	0.000024
44.251	4.531	-0.000858	0.000028
44.501	4.527	-0.000632	0.000021
44.750	4.535	-0.000510	0.000017
45.001	4.537	-0.000666	0.000022
45.251	4.535	-0.000588	0.000019
45.500	4.535	-0.000564	0.000018
45.751	4.534	-0.000612	0.000020
46.000	4.535	-0.000391	0.000013
46.251	4.532	-0.000676	0.000022
46.500	4.535	-0.000616	0.000020
46.751	4.537	-0.003012	0.000098
47.000	4.535	-0.005231	0.000170
47.251	4.533	-0.005378	0.000175
47.500	4.535	-0.005164	0.000168
47.751	4.538	-0.005428	0.000176
48.001	4.535	-0.005479	0.000178
48.251	4.534	-0.005207	0.000169
48.501	4.535	-0.005234	0.000170
48.750	4.535	-0.005533	0.000180
49.000	4.532	-0.005295	0.000172
49.251	4.537	-0.005565	0.000181
49.501	4.535	-0.005402	0.000175
49.750	4.535	-0.005266	0.000171
50.001	4.533	-0.005626	0.000183
50.250	4.535	-0.005361	0.000174
50.501	4.538	-0.005258	0.000171
50.750	4.535	-0.005345	0.000173

51.001	4.534	-0.005223	0.000169
51.250	4.535	-0.005289	0.000172
51.501	4.532	-0.005284	0.000171
51.750	4.535	-0.005184	0.000168
52.001	4.537	-0.005232	0.000170
52.251	4.535	-0.005246	0.000170
52.501	4.533	-0.005302	0.000172
52.751	4.535	-0.005407	0.000175
53.001	4.538	-0.005208	0.000169
53.251	4.535	-0.005239	0.000170
53.500	4.535	-0.005225	0.000170
53.751	4.534	-0.005280	0.000171
54.000	4.535	-0.005213	0.000169
54.251	4.539	-0.005220	0.000169
54.501	4.535	-0.005252	0.000170
54.750	4.535	-0.005371	0.000174
55.001	4.535	-0.005212	0.000169
55.250	4.535	-0.005312	0.000172
55.501	4.532	-0.005300	0.000172
55.750	4.535	-0.005338	0.000173
56.001	4.537	-0.005280	0.000171
56.250	4.535	-0.005301	0.000172
56.501	4.533	-0.005402	0.000175
56.750	4.535	-0.005339	0.000173
57.001	4.538	-0.005332	0.000173
57.251	4.535	-0.005275	0.000171
57.500	4.535	-0.005362	0.000174
57.751	4.534	-0.005360	0.000174
58.000	4.535	-0.005286	0.000172
58.251	4.532	-0.005406	0.000175
58.500	4.535	-0.005211	0.000169
58.751	4.537	-0.005341	0.000173
59.000	4.535	-0.005294	0.000172
59.251	4.533	-0.005373	0.000174
59.500	4.535	-0.005363	0.000174
59.751	4.538	-0.005370	0.000174
60.001	4.535	-0.005387	0.000175
60.251	4.534	-0.005299	0.000172
60.501	4.535	-0.005198	0.000169
60.750	4.535	-0.005404	0.000175
61.001	4.532	-0.005246	0.000170
61.251	4.537	-0.005375	0.000174
61.501	4.535	-0.005375	0.000174
61.750	4.535	-0.005375	0.000174
62.001	4.533	-0.005375	0.000174
62.250	4.535	-0.005375	0.000174
62.501	4.538	-0.005376	0.000174
62.750	4.535	-0.005376	0.000174
63.001	4.534	-0.005376	0.000174
63.250	4.535	-0.005376	0.000174
63.501	4.532	-0.005376	0.000174
63.750	4.535	-0.005377	0.000174
64.001	4.537	-0.005377	0.000174
64.251	4.535	-0.005377	0.000174
64.500	4.535	-0.005377	0.000174
64.751	4.533	-0.005377	0.000174
65.000	4.535	-0.005378	0.000174
65.251	4.538	-0.005378	0.000174
65.500	4.535	-0.005378	0.000175
65.751	4.534	-0.005378	0.000175
66.000	4.535	-0.005379	0.000175
66.251	4.539	-0.005379	0.000175
66.501	4.535	-0.005379	0.000175
66.750	4.535	-0.005379	0.000175
67.001	4.535	-0.005379	0.000175
67.250	4.535	-0.005378	0.000175
67.501	4.532	-0.005378	0.000174
67.750	4.535	-0.005377	0.000174
68.001	4.537	-0.005377	0.000174
68.250	4.535	-0.005376	0.000174
68.501	4.533	-0.005376	0.000174
68.750	4.535	-0.005375	0.000174
69.001	4.538	-0.005375	0.000174
69.251	4.535	-0.005374	0.000174
69.500	4.535	-0.005374	0.000174
69.751	4.534	-0.005373	0.000174
70.000	4.535	-0.005373	0.000174
70.251	4.532	-0.005372	0.000174
70.500	4.535	-0.005372	0.000174
70.751	4.537	-0.005371	0.000174
71.000	4.535	-0.005371	0.000174
71.251	4.533	-0.005370	0.000174
71.500	4.535	-0.005370	0.000174
71.751	4.538	-0.005369	0.000174
72.001	4.535	-0.005369	0.000174

MASS BALANCE INFLOW - OUTFLOW VOLUME

*** INFLOW (ACRE-FEET) ***

TOTAL POINT RAINFALL: 1.7900 INCHES

	WATER
RAINFALL VOLUME	487.57
INFLOW HYDROGRAPH	2594.43
INFLOW HYDROGRAPHS + RAINFALL	3082.01

*** OUTFLOW (ACRE-FT) ***

OVERLAND INFILTRATED AND INTERCEPTED WATER 0.93 INCHES

OVERLAND FLOW	WATER
WATER LOST TO INFILTRATION & INTERCEPTION	315.81
FLOODPLAIN STORAGE	485.21
FLOODPLAIN OUTFLOW HYDROGRAPH	2280.70
FLOODPLAIN OUTFLOW, INFILTRATION & STORAGE	3081.72

CHANNEL FLOW	
CHANNEL STORAGE	0.29
CHANNEL OUTFLOW	0.00
CHANNEL OUTFLOW AND STORAGE	0.29

*** TOTALS ***

TOTAL OUTFLOW FROM GRID SYSTEM	2280.70
TOTAL VOLUME OF OUTFLOW AND STORAGE	3082.01

SURFACE AREA OF INUNDATION REGARDLESS OF THE TIME OF OCCURRENCE:
(FOR FLOW DEPTHS GREATER THAN THE "TOL" VALUE TYPICALLY 0.1 FT OR 0.03 M)

THE MAXIMUM INUNDATED AREA IS:	3092.67 ACRES
THE MAXIMUM WETTED FLOODPLAIN AREA IS:	3092.06 ACRES
THE MAXIMUM WETTED CHANNEL AREA IS:	0.61 ACRES

COMPUTER RUN TIME IS : 0.33460 HRS

THIS OUTPUT FILE WAS TERMINATED ON: 5/24/2011 AT: 9:16:34

APPENDIX E:

iv. 24-Hour, 5-Year SUMMARY.OUT File

NEGATIVE VOLUME CONSERVATION (ACRE FEET)
INDICATES EXCESS VOLUME (OUTFLOW + STORAGE > INFLOW)

SUMMARY.OUT FILE
CREATED WITH VERSION: 2009.06 BUILD NO. 2009.18.03

SIMULATION TIME (HOURS)	AVERAGE TIMESTEP (SECONDS)	VOLUME CONSERVATION (ACRE FEET)	PERCENT OF INFLOW
0.254	17.952	0.000000	0.000005
0.502	21.239	0.000000	0.000002
0.753	20.048	0.000000	0.000000
1.002	19.093	0.000000	0.000002
1.254	18.872	0.000000	0.000002
1.504	17.655	0.000000	0.000000
1.752	15.948	0.000000	0.000002
2.002	14.048	-0.000001	0.000003
2.254	14.200	0.000000	0.000001
2.502	16.258	0.000000	0.000001
2.753	16.381	0.000000	0.000002
3.001	15.937	0.000001	0.000002
3.252	16.175	0.000000	0.000000
3.500	15.933	0.000002	0.000005
3.750	15.799	0.000000	0.000001
4.001	15.569	0.000001	0.000004
4.253	14.862	0.000001	0.000003
4.502	14.264	-0.000001	0.000002
4.753	13.883	-0.000001	0.000001
5.003	13.623	0.000002	0.000003
5.250	13.302	0.000000	0.000000
5.501	12.871	0.000001	0.000002
5.752	12.587	0.000001	0.000002
6.001	12.436	-0.000001	0.000002
6.253	12.240	0.000002	0.000004
6.500	12.046	-0.000001	0.000001
6.753	11.818	-0.000003	0.000004
7.001	11.590	-0.000002	0.000002
7.252	11.434	-0.000001	0.000001
7.503	11.275	-0.000003	0.000003
7.750	11.151	0.000002	0.000002
8.002	11.027	0.000002	0.000003
8.252	10.881	-0.000004	0.000004
8.503	10.743	0.000003	0.000003
8.752	10.528	0.000002	0.000003
9.000	10.398	-0.000003	0.000003
9.252	10.414	0.000002	0.000002
9.502	10.358	-0.000002	0.000002
9.751	10.318	0.000000	0.000000
10.001	10.082	0.000002	0.000002
10.251	10.256	0.000002	0.000002
10.501	10.091	-0.000001	0.000001
10.751	9.992	0.000003	0.000003
11.002	9.823	0.000001	0.000001
11.252	8.749	-0.000001	0.000001
11.501	9.732	-0.000003	0.000002
11.753	9.553	-0.000003	0.000002
12.000	9.184	0.000002	0.000002
12.252	8.702	-0.000001	0.000001
12.501	8.089	-0.000003	0.000002
12.750	7.806	-0.000009	0.000006
13.002	7.361	-0.000001	0.000001
13.250	6.875	0.000005	0.000003
13.502	6.618	-0.000007	0.000005
13.750	6.298	0.000002	0.000001
14.001	6.050	-0.000008	0.000005
14.252	5.749	0.000008	0.000004
14.501	5.383	-0.000004	0.000002
14.751	5.388	-0.000006	0.000003
15.001	5.382	-0.000002	0.000001
15.251	5.388	0.000008	0.000003
15.500	5.195	0.000008	0.000003
15.751	4.830	0.000002	0.000001
16.001	4.685	0.000014	0.000004
16.251	4.445	0.000008	0.000002
16.501	4.229	-0.000006	0.000002
16.750	4.064	0.000008	0.000002
17.001	3.990	0.000002	0.000001
17.250	3.992	-0.000010	0.000002
17.501	3.994	0.000006	0.000001
17.750	3.992	0.000002	0.000000
18.001	3.991	-0.000004	0.000001
18.251	3.992	-0.000010	0.000002
18.500	3.992	-0.000016	0.000003
18.750	3.990	-0.000015	0.000003
19.001	3.994	0.000018	0.000003
19.251	4.071	-0.000008	0.000001
19.500	4.214	-0.000024	0.000004
19.751	4.276	0.000023	0.000004
20.000	4.402	-0.000005	0.000001
20.251	4.458	-0.000012	0.000002
20.501	4.461	-0.000012	0.000002
20.751	4.464	0.000014	0.000002
21.000	4.461	-0.000021	0.000003
21.250	4.523	0.000010	0.000001
21.501	4.572	-0.000016	0.000002
21.751	4.596	-0.000035	0.000005
22.001	4.713	-0.000006	0.000001
22.250	4.934	-0.000017	0.000002
22.500	4.639	0.000030	0.000004
22.751	4.740	0.000026	0.000003
23.001	4.878	-0.000009	0.000001
23.251	4.726	-0.000006	0.000001
23.501	4.714	-0.000014	0.000002
23.751	4.916	0.000008	0.000001
24.001	5.140	-0.000004	0.000000
24.251	4.799	0.000031	0.000003

24.501	4.704	0.000041	0.000004
24.750	4.699	0.000035	0.000004
25.000	4.692	-0.000027	0.000003
25.251	4.718	0.000010	0.000001
25.501	4.742	-0.000010	0.000001
25.751	4.896	-0.000020	0.000002
26.000	5.042	0.000015	0.000001
26.250	5.322	0.000018	0.000002
26.502	5.385	0.000047	0.000004
26.751	5.382	0.000005	0.000000
27.001	5.388	-0.000026	0.000002
27.251	5.382	0.000054	0.000005
27.501	5.388	-0.000007	0.000001
27.750	5.382	-0.000021	0.000002
28.001	5.162	-0.000012	0.000001
28.251	4.948	-0.000026	0.000002
28.501	4.808	-0.000024	0.000002
28.751	4.703	-0.000014	0.000001
29.001	4.603	-0.000045	0.000004
29.250	4.501	0.000039	0.000003
29.500	4.462	-0.000032	0.000003
29.751	4.465	0.000012	0.000001
30.001	4.461	-0.000040	0.000003
30.250	4.460	-0.000067	0.000005
30.501	4.465	-0.000031	0.000002
30.751	4.461	0.000012	0.000001
31.000	4.460	0.000043	0.000003
31.251	4.465	0.000021	0.000002
31.501	4.461	-0.000016	0.000001
31.750	4.460	0.000037	0.000003
32.001	4.465	-0.000069	0.000005
32.251	4.461	-0.000048	0.000003
32.501	4.464	0.000077	0.000005
32.750	4.461	-0.000073	0.000005
33.001	4.461	0.000020	0.000001
33.251	4.464	-0.000048	0.000003
33.500	4.461	-0.000043	0.000003
33.751	4.461	0.000071	0.000005
34.001	4.464	0.000064	0.000004
34.250	4.461	0.000030	0.000002
34.500	4.461	-0.000039	0.000002
34.751	4.464	0.000019	0.000001
35.001	4.458	0.000025	0.000002
35.250	4.464	-0.000085	0.000005
35.501	4.464	-0.000023	0.000001
35.751	4.458	0.000058	0.000004
36.000	4.464	0.000062	0.000004
36.251	4.464	-0.000004	0.000000
36.501	4.458	-0.000031	0.000002
36.751	4.462	0.000041	0.000002
37.000	4.465	-0.000022	0.000001
37.251	4.458	0.000029	0.000002
37.501	4.462	0.000034	0.000002
37.750	4.465	0.000009	0.000001
38.000	4.458	-0.000031	0.000002
38.251	4.462	-0.000071	0.000004
38.500	4.465	-0.000024	0.000001
38.750	4.458	-0.000006	0.000000
39.001	4.462	0.000062	0.000004
39.250	4.465	-0.000060	0.000004
39.500	4.458	0.000091	0.000005
39.751	4.462	0.000048	0.000003
40.001	4.465	-0.000001	0.000000
40.250	4.459	-0.000058	0.000003
40.500	4.462	-0.000007	0.000000
40.751	4.465	-0.000030	0.000002
41.001	4.461	0.000006	0.000000
41.250	4.460	0.000037	0.000002
41.501	4.470	0.000004	0.000000
41.750	4.504	-0.000800	0.000046
42.001	4.511	-0.003578	0.000207
42.250	4.518	-0.003520	0.000204
42.500	4.518	-0.003578	0.000206
42.750	4.524	-0.003528	0.000203
43.001	4.534	-0.003901	0.000224
43.251	4.529	-0.004170	0.000240
43.501	4.535	-0.004158	0.000239
43.750	4.535	-0.004175	0.000239
44.001	4.533	-0.004209	0.000241
44.250	4.535	-0.004173	0.000239
44.501	4.538	-0.004215	0.000241
44.750	4.535	-0.004163	0.000237
45.001	4.534	-0.004233	0.000241
45.250	4.535	-0.004193	0.000239
45.501	4.539	-0.004132	0.000235
45.751	4.535	-0.004144	0.000236
46.000	4.535	-0.004229	0.000240
46.251	4.535	-0.004284	0.000243
46.500	4.535	-0.004115	0.000234
46.751	4.532	-0.004112	0.000233
47.000	4.535	-0.004129	0.000234
47.251	4.537	-0.004158	0.000236
47.500	4.535	-0.004228	0.000240
47.751	4.533	-0.004255	0.000241
48.000	4.535	-0.004187	0.000237
48.251	4.538	-0.004241	0.000240
48.501	4.535	-0.004195	0.000238
48.750	4.535	-0.004129	0.000234
49.001	4.534	-0.004173	0.000236
49.250	4.535	-0.004142	0.000235
49.501	4.532	-0.004169	0.000236
49.750	4.535	-0.004243	0.000240
50.001	4.537	-0.004205	0.000238
50.250	4.535	-0.004201	0.000238
50.501	4.533	-0.004213	0.000239
50.750	4.535	-0.004205	0.000238

51.001	4.538	-0.004243	0.000240
51.251	4.535	-0.004192	0.000238
51.500	4.535	-0.004194	0.000238
51.751	4.534	-0.004209	0.000239
52.000	4.535	-0.004221	0.000239
52.251	4.532	-0.004217	0.000239
52.500	4.535	-0.004197	0.000238
52.751	4.537	-0.004209	0.000239
53.000	4.535	-0.004200	0.000238
53.251	4.533	-0.004217	0.000239
53.500	4.535	-0.004193	0.000238
53.751	4.538	-0.004235	0.000240
54.001	4.535	-0.004230	0.000240
54.251	4.534	-0.004213	0.000239
54.501	4.535	-0.004218	0.000239
54.751	4.532	-0.004185	0.000237
55.000	4.535	-0.004229	0.000240
55.251	4.537	-0.004204	0.000238
55.501	4.535	-0.004199	0.000238
55.750	4.535	-0.004193	0.000238
56.001	4.533	-0.004212	0.000239
56.250	4.535	-0.004239	0.000240
56.501	4.538	-0.004194	0.000238
56.750	4.535	-0.004187	0.000237
57.001	4.534	-0.004183	0.000237
57.250	4.535	-0.004228	0.000240
57.501	4.539	-0.004224	0.000239
57.751	4.535	-0.004206	0.000238
58.000	4.535	-0.004192	0.000238
58.251	4.535	-0.004231	0.000240
58.500	4.535	-0.004218	0.000239
58.751	4.532	-0.004185	0.000237
59.000	4.535	-0.004189	0.000237
59.251	4.537	-0.004230	0.000240
59.500	4.535	-0.004244	0.000241
59.751	4.533	-0.004195	0.000238
60.000	4.535	-0.004201	0.000238
60.251	4.538	-0.004225	0.000239
60.501	4.535	-0.004225	0.000239
60.750	4.535	-0.004226	0.000239
61.001	4.534	-0.004226	0.000239
61.250	4.535	-0.004226	0.000240
61.501	4.532	-0.004226	0.000240
61.750	4.535	-0.004226	0.000240
62.001	4.537	-0.004227	0.000240
62.250	4.535	-0.004227	0.000240
62.501	4.533	-0.004227	0.000240
62.750	4.535	-0.004227	0.000240
63.001	4.538	-0.004228	0.000240
63.251	4.535	-0.004228	0.000240
63.500	4.535	-0.004228	0.000240
63.751	4.534	-0.004228	0.000240
64.000	4.535	-0.004228	0.000240
64.251	4.532	-0.004229	0.000240
64.500	4.535	-0.004229	0.000240
64.751	4.537	-0.004229	0.000240
65.000	4.535	-0.004229	0.000240
65.251	4.533	-0.004229	0.000240
65.500	4.535	-0.004230	0.000240
65.751	4.538	-0.004230	0.000240
66.001	4.535	-0.004230	0.000240
66.251	4.534	-0.004230	0.000240
66.501	4.535	-0.004230	0.000240
66.750	4.535	-0.004229	0.000240
67.001	4.532	-0.004229	0.000240
67.251	4.537	-0.004228	0.000240
67.501	4.535	-0.004227	0.000240
67.750	4.535	-0.004227	0.000240
68.001	4.533	-0.004226	0.000240
68.250	4.535	-0.004226	0.000239
68.501	4.538	-0.004225	0.000239
68.750	4.535	-0.004225	0.000239
69.001	4.534	-0.004224	0.000239
69.250	4.535	-0.004224	0.000239
69.501	4.539	-0.004223	0.000239
69.751	4.535	-0.004223	0.000239
70.000	4.535	-0.004222	0.000239
70.251	4.535	-0.004222	0.000239
70.500	4.535	-0.004221	0.000239
70.751	4.532	-0.004221	0.000239
71.000	4.535	-0.004220	0.000239
71.251	4.537	-0.004220	0.000239
71.500	4.535	-0.004219	0.000239
71.751	4.533	-0.004219	0.000239
72.001	4.535	-0.004218	0.000239

MASS BALANCE INFLOW - OUTFLOW VOLUME

*** INFLOW (ACRE-FEET) ***

TOTAL POINT RAINFALL: 1.5000 INCHES

	WATER
RAINFALL VOLUME	408.23
INFLOW HYDROGRAPH	1356.27
INFLOW HYDROGRAPHS + RAINFALL	1764.50

*** OUTFLOW (ACRE-FT) ***

OVERLAND INFILTRATED AND INTERCEPTED WATER 0.85 INCHES

```
          OVERLAND FLOW                          WATER

WATER LOST TO INFILTRATION & INTERCEPTION         288.44
FLOODPLAIN STORAGE                                461.13
FLOODPLAIN OUTFLOW HYDROGRAPH                    1014.65
                                               ---------
FLOODPLAIN OUTFLOW, INFILTRATION & STORAGE       1764.22

          CHANNEL FLOW

CHANNEL STORAGE                                     0.28
CHANNEL OUTFLOW                                     0.00
                                               ---------
CHANNEL OUTFLOW AND STORAGE                         0.28

==================================================================================================================
                                  *** TOTALS ***

TOTAL OUTFLOW FROM GRID SYSTEM                   1014.65

TOTAL VOLUME OF OUTFLOW AND STORAGE              1764.50

  SURFACE AREA OF INUNDATION REGARDLESS OF THE TIME OF OCCURRENCE:
  (FOR FLOW DEPTHS GREATER THAN THE "TOL" VALUE TYPICALLY 0.1 FT OR 0.03 M)
THE MAXIMUM INUNDATED AREA IS:                      2845.16 ACRES
THE MAXIMUM WETTED FLOODPLAIN AREA IS:              2844.59 ACRES
THE MAXIMUM WETTED CHANNEL AREA IS:                    0.57 ACRES
==================================================================================================================


     COMPUTER RUN TIME IS :  0.35059 HRS
     THIS OUTPUT FILE WAS TERMINATED ON:   5/24/2011  AT:   9:19: 7
```

APPENDIX E:

v. 24-Hour, 2-Year SUMMARY.OUT File

SUMMARY.OUT FILE
CREATED WITH VERSION: 2009.06 BUILD NO. 2009.18.03

NEGATIVE VOLUME CONSERVATION (ACRE FEET)
INDICATES EXCESS VOLUME (OUTFLOW + STORAGE > INFLOW)

SIMULATION TIME (HOURS)	AVERAGE TIMESTEP (SECONDS)	VOLUME CONSERVATION (ACRE FEET)	VOLUME CONSERVATION PERCENT OF INFLOW
0.250	18.028	0.000000	0.000003
0.501	25.726	0.000000	0.000003
0.751	20.969	0.000000	0.000001
1.005	19.857	0.000000	0.000002
1.254	20.364	0.000000	0.000001
1.504	19.157	0.000000	0.000001
1.754	18.800	0.000000	0.000002
2.001	18.133	0.000000	0.000003
2.254	16.864	0.000000	0.000000
2.500	15.265	0.000000	0.000001
2.751	13.669	0.000000	0.000001
3.002	14.123	-0.000001	0.000003
3.253	16.459	-0.000001	0.000003
3.503	17.643	-0.000001	0.000003
3.750	17.100	0.000001	0.000003
4.003	17.489	0.000000	0.000001
4.252	16.907	-0.000001	0.000003
4.504	17.149	-0.000002	0.000006
4.753	16.603	0.000001	0.000004
5.002	16.305	-0.000001	0.000002
5.254	15.893	0.000000	0.000000
5.504	15.532	-0.000002	0.000004
5.751	15.073	0.000002	0.000004
6.002	14.796	0.000000	0.000001
6.253	14.586	0.000002	0.000003
6.501	14.158	0.000000	0.000001
6.752	13.932	-0.000001	0.000002
7.001	13.755	-0.000001	0.000001
7.254	13.392	0.000000	0.000001
7.502	13.166	-0.000002	0.000004
7.753	12.906	-0.000001	0.000001
8.001	12.727	0.000001	0.000002
8.254	12.633	0.000000	0.000001
8.503	12.322	0.000001	0.000002
8.750	12.183	-0.000002	0.000002
9.001	12.173	-0.000003	0.000004
9.253	11.944	-0.000001	0.000001
9.502	11.790	-0.000002	0.000003
9.752	11.683	0.000002	0.000002
10.002	11.549	-0.000003	0.000005
10.250	11.461	-0.000001	0.000001
10.501	11.451	0.000001	0.000001
10.751	11.225	0.000000	0.000000
11.002	11.175	0.000002	0.000003
11.250	11.010	-0.000002	0.000002
11.501	10.904	-0.000001	0.000001
11.751	10.838	0.000001	0.000001
12.003	10.771	-0.000002	0.000002
12.251	10.530	-0.000001	0.000001
12.502	10.393	0.000002	0.000002
12.751	10.419	-0.000004	0.000004
13.002	10.383	0.000003	0.000003
13.252	10.210	0.000002	0.000002
13.500	10.271	0.000002	0.000001
13.751	10.137	-0.000002	0.000002
14.002	9.947	0.000001	0.000001
14.251	9.438	0.000005	0.000004
14.501	9.004	-0.000001	0.000001
14.751	9.180	-0.000003	0.000002
15.001	8.109	-0.000002	0.000001
15.251	7.198	0.000009	0.000006
15.501	6.392	0.000003	0.000002
15.752	5.701	0.000011	0.000006
16.001	5.382	0.000010	0.000005
16.251	5.388	-0.000001	0.000000
16.500	5.309	0.000011	0.000005
16.751	4.902	0.000010	0.000004
17.000	4.703	0.000001	0.000000
17.251	4.554	0.000004	0.000001
17.501	4.461	-0.000003	0.000001
17.751	4.403	0.000001	0.000000
18.001	4.411	-0.000003	0.000001
18.251	4.461	0.000000	0.000000
18.501	4.468	-0.000001	0.000000
18.751	4.595	0.000000	0.000000
19.001	4.688	0.000008	0.000002
19.251	4.725	-0.000003	0.000001
19.501	4.755	-0.000002	0.000000
19.750	4.874	0.000011	0.000003
20.001	4.925	0.000006	0.000001
20.250	4.995	-0.000001	0.000000
20.500	5.083	0.000008	0.000002
20.750	5.114	0.000014	0.000003
21.001	5.104	-0.000005	0.000001
21.252	5.179	0.000012	0.000003
21.501	5.382	-0.000001	0.000000
21.751	5.388	0.000017	0.000004
22.001	5.629	0.000013	0.000003
22.252	5.429	0.000015	0.000003
22.500	5.420	0.000006	0.000001
22.751	5.483	-0.000001	0.000000
23.000	5.862	0.000014	0.000003
23.251	5.926	0.000019	0.000004
23.501	5.388	0.000008	0.000002
23.750	5.382	0.000003	0.000001
24.000	5.390	0.000001	0.000000
24.252	5.385	0.000011	0.000002

24.501	5.382	0.000004	0.000001
24.751	5.388	0.000002	0.000000
25.001	5.382	0.000016	0.000003
25.251	5.388	-0.000009	0.000002
25.500	5.382	0.000003	0.000001
25.750	5.388	0.000000	0.000000
26.000	5.382	0.000008	0.000001
26.251	5.385	0.000008	0.000002
26.501	5.388	0.000016	0.000003
26.751	5.695	0.000019	0.000004
27.000	5.865	-0.000003	0.000000
27.251	6.003	0.000005	0.000001
27.500	6.162	0.000003	0.000001
27.751	6.275	0.000002	0.000000
28.000	6.402	0.000007	0.000001
28.250	6.668	0.000003	0.000001
28.501	6.842	0.000013	0.000003
28.751	6.863	-0.000005	0.000001
29.001	6.908	-0.000002	0.000000
29.251	7.202	0.000012	0.000002
29.501	7.829	0.000013	0.000003
29.752	7.602	0.000000	0.000000
30.000	7.977	-0.000001	0.000000
30.251	7.926	-0.000001	0.000000
30.501	7.741	0.000011	0.000002
30.752	7.661	0.000010	0.000002
31.001	7.545	0.000011	0.000002
31.251	7.426	0.000024	0.000005
31.501	7.374	0.000003	0.000001
31.752	7.286	0.000018	0.000003
32.001	7.255	0.000005	0.000001
32.251	7.122	-0.000007	0.000001
32.500	7.131	0.000001	0.000000
32.751	7.106	0.000008	0.000001
33.001	7.028	0.000012	0.000002
33.250	7.013	0.000002	0.000000
33.502	6.959	0.000001	0.000000
33.751	6.950	0.000002	0.000000
34.000	6.919	0.000001	0.000000
34.251	6.892	0.000008	0.000001
34.500	6.842	-0.000005	0.000001
34.750	6.822	0.000012	0.000002
35.000	6.763	0.000012	0.000002
35.251	6.698	0.000004	0.000001
35.501	6.695	0.000012	0.000002
35.750	6.702	0.000009	0.000002
36.001	6.698	0.000011	0.000002
36.250	6.691	0.000014	0.000003
36.501	6.698	0.000006	0.000001
36.751	6.697	0.000012	0.000002
37.000	6.705	-0.000011	0.000002
37.252	6.698	0.000016	0.000003
37.501	6.695	0.000025	0.000005
37.750	6.702	-0.000001	0.000000
38.001	6.698	-0.000017	0.000003
38.250	6.691	0.000019	0.000004
38.502	6.698	0.000003	0.000001
38.751	6.697	0.000023	0.000004
39.000	6.705	0.000006	0.000001
39.252	6.698	0.000017	0.000003
39.501	6.695	-0.000002	0.000000
39.750	6.702	0.000003	0.000000
40.001	6.698	0.000002	0.000000
40.251	6.606	0.000003	0.000001
40.502	6.585	0.000015	0.000003
40.752	6.524	0.000022	0.000004
41.001	6.509	0.000021	0.000004
41.250	6.495	0.000013	0.000002
41.501	6.446	0.000012	0.000002
41.751	6.438	-0.000006	0.000001
42.001	6.436	0.000020	0.000004
42.250	6.438	0.000006	0.000001
42.501	6.408	-0.000008	0.000001
42.751	6.383	0.000015	0.000003
43.000	6.362	0.000000	0.000000
43.251	6.315	-0.000011	0.000002
43.502	6.270	0.000015	0.000003
43.751	6.262	-0.000002	0.000000
44.001	6.270	-0.000005	0.000001
44.250	6.262	-0.000005	0.000001
44.501	6.270	-0.000005	0.000001
44.751	6.264	-0.000005	0.000001
45.000	6.267	-0.000021	0.000004
45.251	6.264	0.000003	0.000001
45.502	6.265	0.000003	0.000001
45.750	6.267	0.000003	0.000001
46.001	6.265	0.000003	0.000001
46.251	6.238	0.000003	0.000001
46.502	6.192	0.000003	0.000001
46.751	6.146	0.000003	0.000001
47.002	6.144	0.000003	0.000000
47.251	6.132	0.000003	0.000000
47.501	6.088	0.000003	0.000000
47.752	6.058	0.000003	0.000000
48.000	6.047	0.000002	0.000000
48.251	6.051	0.000002	0.000000
48.501	6.049	0.000002	0.000000
48.752	6.053	0.000002	0.000000
49.000	6.045	0.000002	0.000000
49.251	6.053	0.000002	0.000000
49.500	6.033	0.000002	0.000000
49.751	6.013	0.000002	0.000000
50.001	5.965	0.000002	0.000000
50.250	5.947	0.000002	0.000000
50.500	5.919	0.000002	0.000000
50.750	5.916	0.000003	0.000000

51.001	5.912	0.000003	0.000000
51.251	5.923	0.000003	0.000000
51.501	5.922	0.000003	0.000001
51.751	5.903	0.000003	0.000001
52.001	5.861	0.000003	0.000001
52.251	5.833	0.000003	0.000001
52.500	5.831	0.000003	0.000001
52.751	5.827	0.000003	0.000001
53.001	5.826	0.000003	0.000001
53.251	5.808	0.000003	0.000001
53.501	5.771	0.000003	0.000001
53.750	5.761	0.000003	0.000001
54.001	5.782	0.000003	0.000001
54.251	5.727	0.000003	0.000001
54.500	5.725	0.000003	0.000001
54.752	5.729	0.000003	0.000001
55.001	5.682	0.000003	0.000001
55.251	5.686	0.000003	0.000001
55.501	5.658	0.000003	0.000001
55.750	5.650	0.000004	0.000001
56.000	5.625	0.000004	0.000001
56.252	5.623	0.000004	0.000001
56.501	5.587	0.000004	0.000001
56.751	5.541	0.000004	0.000001
57.001	5.527	0.000004	0.000001
57.251	5.416	0.000004	0.000001
57.501	5.388	0.000004	0.000001
57.750	5.382	0.000004	0.000001
58.000	5.388	0.000005	0.000001
58.252	5.385	0.000005	0.000001
58.501	5.382	0.000005	0.000001
58.751	5.388	0.000005	0.000001
59.001	5.382	0.000005	0.000001
59.251	5.388	0.000005	0.000001
59.500	5.382	0.000005	0.000001
59.750	5.388	0.000006	0.000001
60.000	5.382	0.000006	0.000001
60.251	5.385	0.000006	0.000001
60.501	5.388	0.000006	0.000001
60.751	5.382	0.000006	0.000001
61.001	5.388	0.000006	0.000001
61.250	5.382	0.000006	0.000001
61.500	5.388	0.000007	0.000001
61.750	5.382	0.000007	0.000001
62.000	5.388	0.000007	0.000001
62.251	5.385	0.000007	0.000001
62.501	5.382	0.000007	0.000001
62.751	5.388	0.000007	0.000001
63.001	5.382	0.000007	0.000001
63.250	5.388	0.000008	0.000001
63.500	5.382	0.000008	0.000001
63.750	5.388	0.000008	0.000001
64.001	5.385	0.000008	0.000002
64.251	5.382	0.000009	0.000002
64.501	5.388	0.000009	0.000002
64.751	5.382	0.000009	0.000002
65.001	5.388	0.000010	0.000002
65.250	5.382	0.000010	0.000002
65.500	5.388	0.000010	0.000002
65.751	5.385	0.000011	0.000002
66.001	5.382	0.000011	0.000002
66.251	5.388	0.000011	0.000002
66.501	5.382	0.000011	0.000002
66.751	5.388	0.000012	0.000002
67.000	5.382	0.000012	0.000002
67.250	5.388	0.000012	0.000002
67.502	5.385	0.000013	0.000002
67.751	5.382	0.000013	0.000002
68.001	5.388	0.000013	0.000002
68.251	5.382	0.000014	0.000002
68.501	5.388	0.000014	0.000002
68.750	5.382	0.000014	0.000003
69.000	5.388	0.000014	0.000003
69.252	5.385	0.000015	0.000003
69.501	5.382	0.000015	0.000003
69.751	5.388	0.000015	0.000003
70.001	5.382	0.000016	0.000003
70.251	5.388	0.000016	0.000003
70.500	5.382	0.000016	0.000003
70.750	5.388	0.000016	0.000003
71.000	5.382	0.000017	0.000003
71.251	5.385	0.000017	0.000003
71.501	5.388	0.000017	0.000003
71.751	5.382	0.000018	0.000003
72.001	5.388	0.000018	0.000003

MASS BALANCE INFLOW - OUTFLOW VOLUME

*** INFLOW (ACRE-FEET) ***

TOTAL POINT RAINFALL: 1.0899 INCHES

	WATER
RAINFALL VOLUME	296.59
INFLOW HYDROGRAPH	265.14
INFLOW HYDROGRAPHS + RAINFALL	561.73

*** OUTFLOW (ACRE-FT) ***

OVERLAND INFILTRATED AND INTERCEPTED WATER 0.70 INCHES

OVERLAND FLOW	WATER
WATER LOST TO INFILTRATION & INTERCEPTION	239.53
FLOODPLAIN STORAGE	260.86
FLOODPLAIN OUTFLOW HYDROGRAPH	61.06
FLOODPLAIN OUTFLOW, INFILTRATION & STORAGE	561.44

CHANNEL FLOW	
CHANNEL STORAGE	0.28
CHANNEL OUTFLOW	0.00
CHANNEL OUTFLOW AND STORAGE	0.28

*** TOTALS ***

TOTAL OUTFLOW FROM GRID SYSTEM	61.06
TOTAL VOLUME OF OUTFLOW AND STORAGE	561.73

SURFACE AREA OF INUNDATION REGARDLESS OF THE TIME OF OCCURRENCE:
(FOR FLOW DEPTHS GREATER THAN THE "TOL" VALUE TYPICALLY 0.1 FT OR 0.03 M)

THE MAXIMUM INUNDATED AREA IS:	1846.66 ACRES
THE MAXIMUM WETTED FLOODPLAIN AREA IS:	1846.08 ACRES
THE MAXIMUM WETTED CHANNEL AREA IS:	0.57 ACRES

COMPUTER RUN TIME IS : 0.21805 HRS

THIS OUTPUT FILE WAS TERMINATED ON: 5/24/2011 AT: 9:56:12