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Rio Mesa Solar
Final Post Construction Hydrologic & Hydraulic Analysis

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SUMMARY

A Post-Construction Hydrologic and Hydraulic Analysis has been prepared for the proposed ±9,794 acre Rio Mesa Solar (RMS) project. The purpose of this analysis is to provide a determination of the difference in runoff volume and peak flows between the *Existing Condition* and the Post-Construction analyses, based on the project construction information available at this time. The results of this report will be used to help prepare improvement plans for the solar field(s). Information obtained from BrightSource Energy and Bechtel for the solar field layout has been utilized in the preparation of the hydrologic analysis included within this report. In summary, the *Existing Condition* hydrologic analysis has been modified in the following manner to model the post-construction condition:

- Curve Numbers have been adjusted to account for proposed graded and asphalt roads, within the site and around the perimeter.
- Curve Numbers have been adjusted to account for proposed buildings/structures and power blocks within the site.
- Curve Numbers have been adjusted to account for proposed mirrors within the site.

I. PROJECT AND CONSTRUCTION DESCRIPTION

A. HELIOSTATS

Information obtained from BrightSource Energy indicates that the RMS site will accommodate approximately 85,000 heliostats per power block. Based on the provided site plan with 3 power blocks, VTN has accounted for approximately 255,000 heliostats for the site. VTN has assumed that each heliostat will have 2 mirrors attached with a mechanical/electrical mechanism which rotates and turns the mirrors during operation. The combined mirror dimensions are assumed to be 12-ft x 17.2-ft (height x width). All heliostats are placed in concentric circular fields around the tower units (refer to *Figure HYD500* in *Appendix* for a *BrightSource / Bechtel Preliminary Site Plan*).

B. ACCESS ROADS

The RMS project proposes to construct 3 main types of roads to provide vehicular access to the heliostats, power block towers, and onsite buildings/structures within the Common Area. The road classifications were referenced from *Figure HYD500* in the *Appendix*. The access roads are summarized below:

- 24-ft wide internal perimeter asphaltic paved access roads. These roads are located within the solar field and connect the power blocks/towers to each other. The asphaltic paved roads are also depicted along the western/southern boundaries of the Common Area and extended east to connect with existing 34th Avenue.
- 12-ft wide spike dirt access roads within the solar array fields. This type of road is also specified along the entire solar array boundary.

- 10-ft wide circular dirt heliostat maintenance roads located concentrically around the power blocks and towers.

C. COMMON AREA

According to *Figure HYD500*, the Common Area encompasses several buildings/structures, along with paved interior paths, parking lots, and graded staging areas. This analysis takes into consideration the proposed development within the Common Area. The developed area is incorporated into pertinent calculations for this analysis.

II. HYDROLOGIC ANALYSIS METHODOLOGY

A. EXISTING CONDITION CURVE NUMBER

In the previously submitted *Rio Mesa Solar Overall 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 and onsite runoff flows were determined with FLO-2D 2-dimensional flood routing model software. *The Riverside County Flood Control and Water Conservation District Hydrology Manual* (Riverside County Manual) was used as the reference source for establishing the *Existing Condition Hydrologic Analysis*.

In the *Existing Condition Hydrologic Analysis*, the onsite area was 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 a mixture of desert shrub (in poor condition due to the low density of vegetation in desert environment) and barren rock land. Based on previous field visits, the majority of the onsite area is classified as desert shrub while of the offsite (higher elevation) mountainous area contains barren land cover.

- Soil Type – denoted as soils' s1041 (Rositas-Orita-Carrizo-Aco) and s1140 (Rillito-Gunsight) according to the United States Department of Agriculture (USDA) National Resources Conservation Service (NRCS) General Soil Survey. The onsite area is located within portions of soils' s1041 and s1140 according to the soil survey boundaries (refer to *referenced Figure 7323HYD101* in the *Appendix*). These particular soils are 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 were referenced from the *USDA Technical Release 55* (TR-55) and the *Riverside County Manual*; based on interpreted land cover and the soil component hydrologic groups.

- Antecedent Moisture Condition (AMC) – AMC II was used for offsite and onsite areas as dictated by the Riverside County Manual. AMC II represents an average condition between dry and saturated for soils prior to the storm event.

Based on these findings, the available data, and the referenced material, the composite CN's previously determined for each soil type are listed on *Table 1* shown below:

Table 1: Existing Condition CN Values

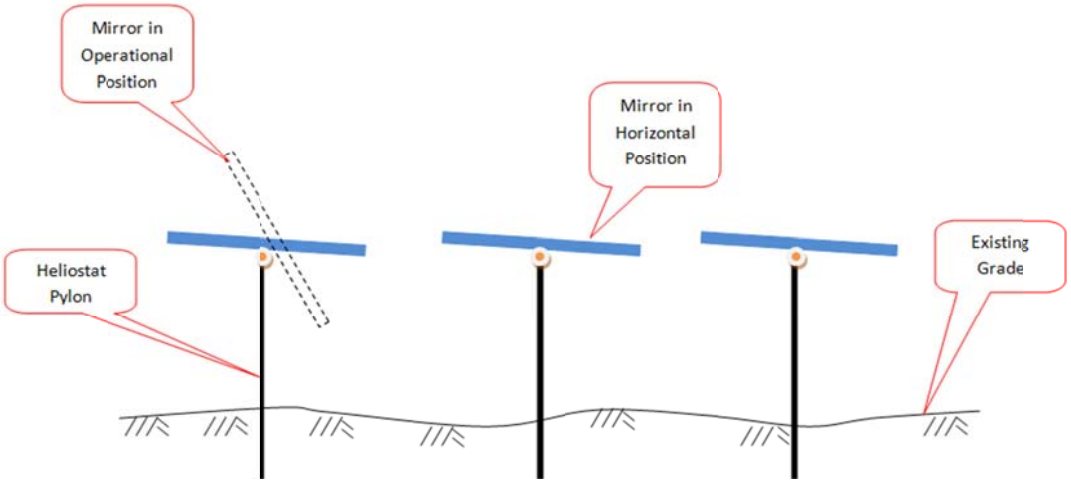
Soil Type	CN for Barren Areas	CN for Desert Shrub Areas
s1041	83.1	71.9
s1140	86.2	77.3

B. POST-CONSTRUCTION CURVE NUMBER ADJUSTMENT

Based on construction description included in Section I of this report, an adjustment was performed on the computed existing condition CN's in order to model precipitation runoff and volume in the post-construction condition. Several assumptions have been made in the process of adjusting the CN's based on information included on the preliminary site plan (*Figure HYD500*) provided by BrightSource and Bechtel. 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). Positioning all the mirrors horizontally, instead of at an angled pitch results in the greatest impervious mirror projected area as seen from an elevated view (refer to *Schematic 1* below). 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 has provided the anticipated number of heliostats, and typical mirror dimensions. The mirror area is assigned a CN of 98, which corresponds to impervious areas.

Schematic 1



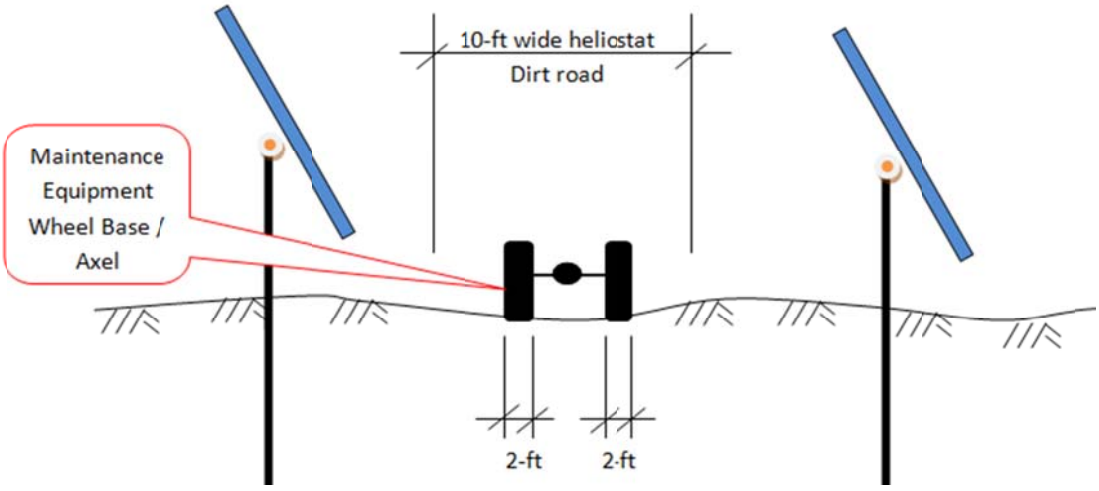
- All the areas denoted as asphalt access roads, paved interior paths, power blocks, and Common Area buildings/structures have been assigned a CN of 98.

- The area for all the 12-ft wide spike and perimeter dirt access roads was assumed to be classified as newly "graded" which corresponds to a higher CN value when compared to the existing condition, and a lower CN when compared to asphaltic pavement. It is assumed that these roads will be maintained to be permanently graded.

- Several large areas are to be cleared, grubbed, and graded to act as staging areas. These areas are located around the 3 power blocks. The ultimate condition of these areas will include some additional heliostat mirrors with the remaining area allowed to re-vegetate. Therefore, approximately 40 percent of these areas were assumed to contain newly "graded" condition CN values with the remaining area as existing CN values.

- 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 (Ivanpah SEGS), 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 to be 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, while the remaining 60% is represented as an existing condition CN. Refer to *Schematic 2* shown below.

Schematic 2



An overall area measurement of the improvements depicted on the BrightSource/Bechtel site plan (*Figure HYD500*) was performed. A summary of area measurements is displayed in *Table 2* shown below. *Figure HYD501* included in the *Appendix* depicts the VTN interpretation (classification) of the land disturbance with respect to impervious, graded, and undisturbed area as applied in the post-construction hydrologic analysis included herein. Refer to *Post-Construction Land Use Breakdown Calculations* in the *Appendix* for a detailed accounting of all measured areas and breakdowns.

Table 2 Post-Construction Land Use Break Down Summary

Area Description	Measured Area (ac)	% Impervious	% Graded	% Undisturbed/ Re-vegetated
Mirror Area (based on heliostat count)	1,208.3	100%	0%	0%
Power Blocks (3)	52.8	100%	0%	0%
Common Area	115	15%	4%	81%
Heliostat Roads	334.8	0%	40%	60%
Spike/Shared Roads Asphalt	12.0	100%	0%	0%
Interior Spike Roads Graded	16.7	0%	100%	0%
Exterior/Perimeter Roads Graded	39.0	0%	100%	0%
Circular Staging Area (3)	381.6	0%	40%	60%
		Impervious	Graded	--
Area Summary (ac) =		±1,290.5	±347.0	--

The total combined area of the 3 solar fields and Common Area was determined to be ±5,583.5-ac. Based on this total area, a percentage of impervious and graded area was determined by dividing into the values summarized in *Table 2 (refer below)*:

$$\%\ Impervious = \left(\frac{1290.5}{5{,}583.5}\right) \times 100\% = 23.1\%$$

&

$$\%\ Graded = \left(\frac{347.0}{5{,}583.5}\right) \times 100\% = 6.2\%$$

The remaining 70.7% (100% - 23.1% - 6.2%) of the 5,583-ac is left undisturbed (existing) or will be allowed to re-vegetate. Using these percentages, a composite post-construction developed CN was determined for both soils s1041 and s1140 (refer to *Soil Composite CN Calculations* in the *Appendix*). These revisions were only applied to the desert shrub areas of the site and not the barren soil areas. This is because only the desert shrub area has topographic relief acceptable for the solar fields and no improvement are proposed in the barren soil areas. Both soils composite developed CN's are summarized in *Table 3* shown below:

Table 3 Developed Soil Composite CN Summary

Soil s1041		
% Undisturbed (Existing)	70.7% x 71.9 =	50.8
% Graded	6.2% x 82.8 =	5.1
% Impervious	23.1% x 98.0 =	22.7
	Composite CN =	***78.6***
Soil s1140		
% Undisturbed (Existing)	70.7% x 77.3 =	54.6
% Graded	6.2% x 86.3 =	5.4
% Impervious	23.1% x 98.0 =	22.7
	Composite CN =	***82.6***

Since all of the impervious area proposed within the RMS project is non-contiguous, with pervious areas located in between, an unconnected impervious area correction was applied to the composite CN's reported in *Table 3*. 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 the *Appendix* of this report. Overall, the resulting CN values (after adjustment) for the onsite soils are reported as **75.7** and **80.3** for soils s1041 and s1140 respectively. This represents a decrease in value of 2.9 for soil s1041 and 2.3 for soil s1140 from the composite CN's reported in *Table 3*. These values are used as the final Composite CN values for the Post-Construction analysis.

III. POST-CONSTRUCTION HYDROLOGIC AND HYDRAULIC ANALYSIS

A. FLO-2D ANALYSIS

The post-construction hydrologic and hydraulic analysis utilizes the FLO-2D model with adjusted CN's (soil composite values listed in Section II-B) throughout the solar field and common area boundaries. The same precipitation distributions, rainfall depths, and inflow hydrographs utilized in the *Existing Condition* analysis were maintained within this model. This is due to the majority of the offsite area being in mountainous terrain that is generally

not considered developable. A bulking factor was not used in the FLO-2D simulations for any of the 24-hour storm events.

The FLO-2D analysis contained flood plain cross sections (CS2 through CS6 and CS8 through CS13) which were utilize to measure flow volumes leaving the site after a storm event. These sections were used as the basis of comparison between the existing conditions and post-construction condition analysis. Cross-Sections CS23 and CS25 represent the flows upstream of Power Blocks 1 and 2. These flows will be used by Bechtel for the design of the drainage facilities to protect the power blocks per design by Bechtel. Cross-sections CS16, CS28, and CS30 have also been included to determine flows for the common area and 34th Avenue access road respectively. Drainage facilities for those structures will also be designed by Bechtel. Revised FLO-2D output, along with the tabulated hydrographs for the flood plain cross sections, are included in the *Appendix* of this report for the 24-Hour, 100, 25, 10, 5, and 2-Year storm events.

A. ALLUVIAL FAN ANALYSIS

As determined in the Rio *Mesa Solar Overall Existing Condition Hydrologic and Hydraulic Analysis* by VTN Consulting, Power Block 3 is located in an area designated as subject to alluvial fan flooding. An alluvial fan probability analysis was used to determine the 100-year flow impacting Power Block 3. The methodology utilized was developed by Dr. Richard French *(Design of Flood Protection for Transportation Alignments on Alluvial Fans*, ASCE Journal of Irrigation and Drainage Engineering, Vol. 118, No. 2, 1992) for use within the FEMA National Flood Insurance Program. The analysis is based on the probability of the point of interest being flooded given that the peak flood discharge (100-year reoccurrence interval) has occurred. The analysis assumes that the flood events are described by a log-Pearson Type III distribution. The calculated width of the alluvial fan contour length and the power block segment length are shown on *Figure HYD601* included in the *Appendix*, as well as the calculations for the alluvial fan probability analysis.

IV. RESULTS

A. FLO-2D HYDRAULIC ANALYSIS RESULTS

The tables below summarize the post-construction analysis results (in terms of peak flow and volume). In addition, a comparison is made between the existing and post-construction conditions in terms of volume by calculating percent increase. *Table 4* shows the peak flow from the 13 cross sections for the existing and post-construction FLO-2D analysis. Cross sections CS2 through CS6 and CS8 through CS13 are reporting the onsite and offsite runoff that travels across the site and exits along the eastern boundary. The volume results reported in *Table 5* were obtained from cross sections CS 2 through CS6 and CS8 through CS 13 from the HYCROSS.OUT files for both the existing and post-construction models.

Table 4: Peak Flow Rate Summary

24-Hour, 100-Year			
Cross Section	Existing Condition Max Discharge (cfs)	Post-Construction Max Discharge (cfs)	Flow Increase (cfs)
CS 1	672.15	675.13	2.98
CS 2	0	10.68	10.68
CS 3	1335.99	1369.19	33.20
CS 4	0	6.68	6.68
CS 5	298.96	343.94	44.98
CS 6	6142.51	6142.49	-0.02
CS 7	64.11	62.82	-1.29
CS 8	787.90	801.69	13.79
CS 9	45.35	67.96	22.61
CS 10	42.52	48.80	6.28
CS 11	443.09	509.06	65.97
CS 12	490.93	520.87	29.94
CS 13	33.71	38.32	4.61
24-Hour, 25-Year			
CS 1	437.57	441.87	4.30
CS 2	0	0	0
CS 3	671.94	690.74	18.8
CS 4	0	0	0
CS 5	67.09	85.08	17.99
CS 6	3940.49	3940.09	-0.40
CS 7	38.27	37.53	-0.74
CS 8	519.67	526.93	7.26
CS 9	0	0	0
CS 10	0	0	0
CS 11	216.65	222.87	6.22
CS 12	282.61	287.69	5.08
CS 13	6.86	6.71	-0.15
24-Hour, 10-Year			
CS 1	370.11	367.58	-2.53
CS 2	0	0	0
CS 3	350.25	367.54	17.29
CS 4	0	0	0
CS 5	0	2.95	2.95
CS 6	2680.20	2680.31	0.11
CS 7	22.08	22.39	0.31
CS 8	359.31	363.65	4.34
CS 9	0	0	0
CS 10	0	0	0
CS 11	99.18	100.76	1.58
CS 12	117.19	124.86	7.67
CS 13	0	0	0

24-Hour, 5-Year			
CS 1	257.17	249.63	-7.54
CS 2	0	0	0
CS 3	144.76	151.82	7.06
CS 4	0	0	0
CS 5	0	0	0
CS 6	1822.64	1823.11	0.47
CS 7	13.06	13.41	0.35
CS 8	232.76	235.14	2.38
CS 9	0	0	0
CS 10	0	0	0
CS 11	53.08	54.40	1.32
CS 12	61.28	65.00	3.72
CS 13	0	0	0
24-Hour, 2-Year			
CS 1	256.93	263.52	6.59
CS 2	0	0	0
CS 3	8.47	9.63	1.16
CS 4	0	0	0
CS 5	0	0	0
CS 6	757.55	757.53	-0.02
CS 7	3.36	3.49	0.13
CS 8	67.00	68.23	1.23
CS 9	0	0	0
CS 10	0	0	0
CS 11	0	0	0
CS 12	7.76	7.68	-0.08
CS 13	0	0	0

Table 5: Total Runoff Volume Summary

24-Hour, 100-Year Event	
Existing Condition Total Runoff Volume =	5,269.25 ac-ft
Post-Construction Total Runoff Volume =	5,367.21 ac-ft
Runoff Volume Increase =	97.90 ac-ft
Runoff Volume Percent Increase =	1.86%
24-Hour, 25-Year Event	
Existing Condition Total Runoff Volume =	2,991.38 ac-ft
Post-Construction Total Runoff Volume =	3,026.41 ac-ft
Runoff Volume Increase =	35.03 ac-ft
Runoff Volume Percent Increase =	1.17%
24-Hour, 10-Year Event	
Existing Condition Total Runoff Volume =	1,866.90 ac-ft
Post-Construction Total Runoff Volume =	1,879.54 ac-ft
Runoff Volume Increase =	12.64 ac-ft
Runoff Volume Percent Increase =	0.68%
24-Hour, 5-Year Event	
Existing Condition Total Runoff Volume =	1,147.5 ac-ft
Post-Construction Total Runoff Volume =	1,153.26 ac-ft
Runoff Volume Increase =	5.76 ac-ft
Runoff Volume Percent Increase =	0.50%

24-Hour, 2-Year Event	
Existing Condition Total Runoff Volume =	456.15 ac-ft
Post-Construction Total Runoff Volume =	457.08 ac-ft
Runoff Volume Increase =	0.93 ac-ft
Runoff Volume Percent Increase =	0.20%

Peak flow values for some cross-sections do not increase in the Post-Construction condition as expected due to the increase in onsite curve numbers. This is generally caused by the decreased time to peaks for the onsite areas due to the higher curve number values. With the faster time to peak, some onsite area hydrographs may be shifting away from the time to peaks for the offsite hydrographs which cause slight decreases in peak flows. As shown on Table 5, the overall flow volumes leaving the site are higher during the developed condition than during the existing condition. The results support the expectation that the developed curve numbers will produce more runoff than in the existing condition.

B. POWER BLOCK HYDRAULIC ANALYSIS

The Post-Construction FLO-2D analysis has been revised to incorporate a berm/ditch drainage facility to protect the power blocks from upstream flows. The preliminary berm/ditch schematic received by VTN from Bechtel (see *Figure HYD600* in the *Appendix*) was used with the levee option within FLO-2D to depict the construction of these facilities around each power block. The levee was placed as close as possible to the location shown on the berm/ditch schematic but its actual position is subject to the limitation of the grid system. The levee was set to a generic height of 5-feet which is an arbitrary height used to make sure that the levee was not overtopped. With the levee in place, cross-sections were placed upstream of the power blocks to compute the entire flow that is impacting the power blocks. Maximum flow depths and velocities were based on the depth and velocity output for each grid cell adjacent to the levee used in the FLO-2D model. Additional Cross-sections 16, 28, and 30 are included in the Post-Construction analysis to determine flow values upstream of the common area, at the 34th Avenue access road crossing of Wash 25B, and at the intersection of 34th Avenue access road and the irrigation channel known as Hodge's drain. The locations of these cross-sections are shown on *Figure HYD601* included in the *Appendix*. The depths and velocities for these cross-sections were based on the depth and velocity output for the grid elements within the cross-sections themselves. *Table 6* below shows the results of the Post-Construction FLO-2D analysis for the flows adjacent to the power blocks, common area and the 34th Avenue access road.

Table 6: Berm/Ditch Flow Summary

Cross-Section	Description	100-Yr Q (cfs)	Max Depth (ft)	Max Velocity (fps)
23	Power Block 1	183.14	2.04	1.08
25	Power Block 2	59.23	0.86	0.82
16	Common Area	38.70	0.13	0.23
28	34th/Wash 25B	1297.43	1.57	2.65
30	34th/Hodge Ditch	294.67	0.98	1.63

Power Block 3 is in a location determined to be impacted by alluvial fan processes. An alluvial fan probability analysis was completed to determine the 100-year flow impacting Power Block 3. Table 7 shows the results of the alluvial analysis.

Table 7: Alluvial Fan Analysis Results Summary

Power Block	100-Yr Q (cfs)	Max Depth (ft)	Max Velocity (fps)
3	700	1.1	5.3

C. OVERALL POST-CONSTRUCTION IMPACT

Based upon the runoff volume calculated in the post-construction condition (100-yr storm event), the difference in post-construction runoff volume (5367.21 ac-ft) and existing condition runoff volume (5269.25 ac-ft) is 97.96 ac-ft. This computes to a 1.86 percent difference in runoff between the post-construction and the existing condition. All other storm events have smaller percent increases. Based on the minor increase in runoff, the development of this site should not have a negative impact on any downstream properties.

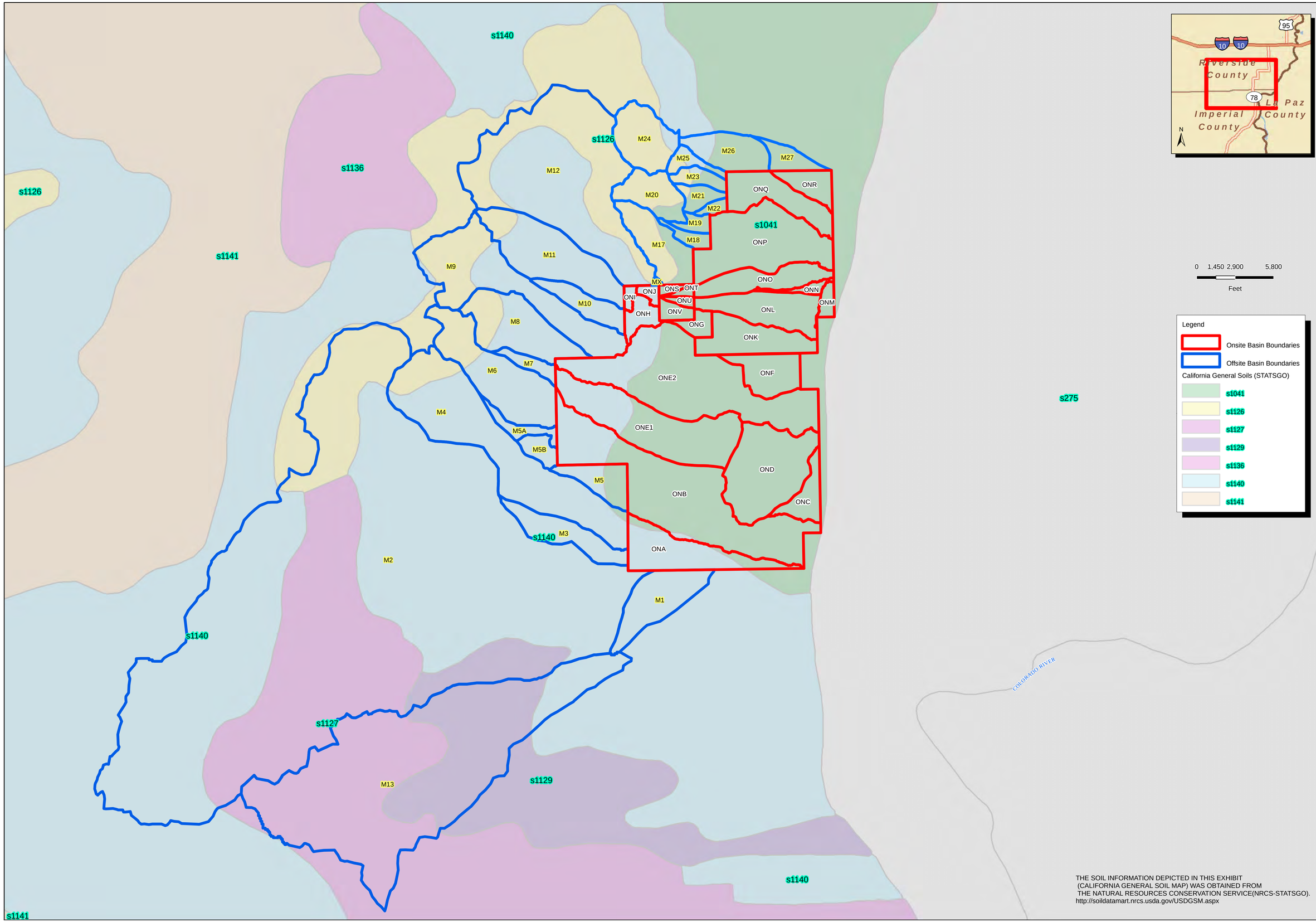
V. REFERENCES

1. Riverside County Flood Control and Water Conservation District Hydrology Manual; April 1978.
2. U.S. Department of Agriculture (USDA) Technical Release 55, 1983
3. VTN Consulting: Rio Mesa Solar Overall Existing Condition Hydrologic & Hydraulic Analysis; July 2011.
4. McCuen, R. 2005; Hydrologic Analysis and Design 3rd Edition; Section 3.7 Runoff Curve Numbers; Prentice Hall; New Jersey.
5. French, R. 1992; Design of Flood Protection for Transportation Alignments on Alluvial Fans, ASCE Journal of Irrigation and Drainage Engineering, Vol. 118, No. 2

APPENDICES:

Appendix A:

Referenced Material /Figures



REV.	DATE	BY	REVISION
2	6/30/11	RV	Show soil symbol (color) legend per Bechtel.
1	6/11/11	RV	Updated fig. to depict aug. area onsite/offsite basins

RIVERSIDE COUNTY, CA

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OVERALL SOILS EXHIBIT

RIO MESA VERDE SEGS

PROJECT NO. 7323

DRAWN BY: RV

DATE: 6/30/11

SCALE: 1 " = 3,000 '

REFERENCE MATERIAL

SHEET 7323HYD101

THE SOIL INFORMATION DEPICTED IN THIS EXHIBIT (CALIFORNIA GENERAL SOIL MAP) WAS OBTAINED FROM THE NATURAL RESOURCES CONSERVATION SERVICE(NRCS-STATSGO). http://soildatamart.nrcs.usda.gov/USDGSM.aspx

DATE: 6/30/2011 File: \\vtnv.com\dfs\hydrology\7323-BrightRefPreliminary Site Investigation\GIS\MXD\7323-Soils-Overall.mxd By: rairiv

BSE Document Control Number: 7323HYD300-FINAL

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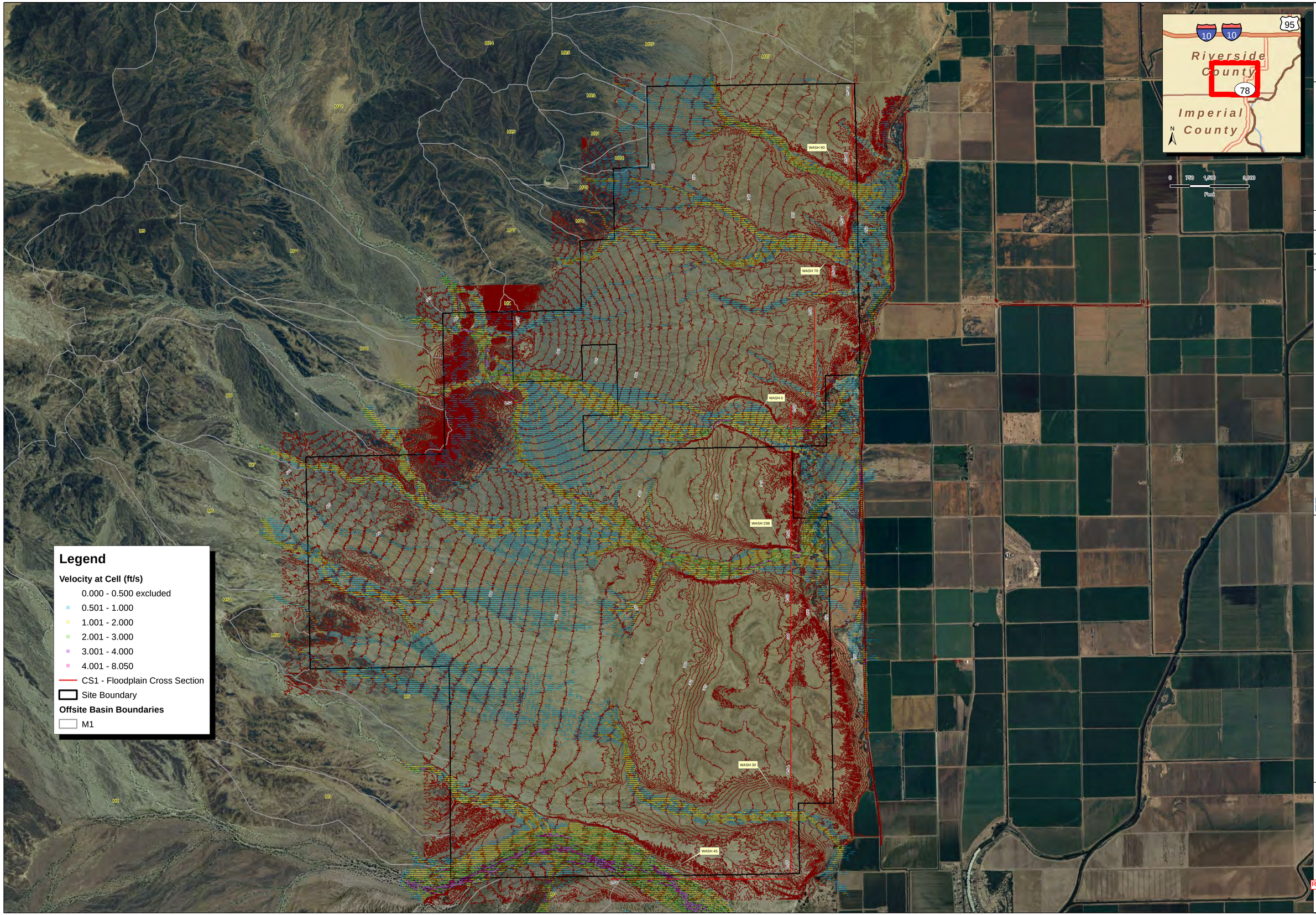
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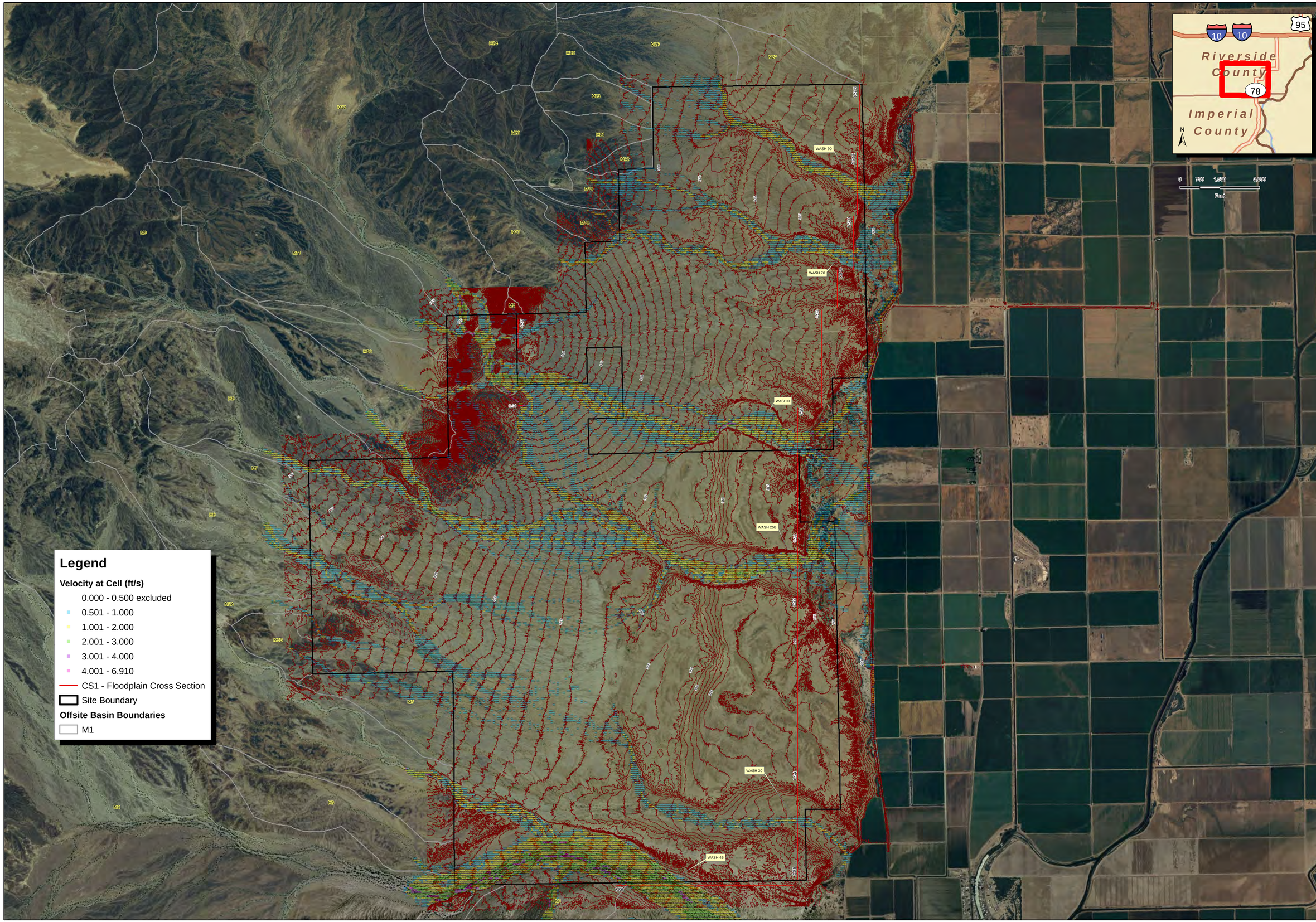

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REV.	DATE	BY	REVISION
	6/16/11	SB	Added augmentation area, replaced CS 7 & 8 and added CS 9-13

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FLO-2D VELOCITY MAP
24HR-25YR
EXISTING CONDITION

RIO MESA SOLAR

PROJECT NO: 7323
DRAWN BY: SB
DATE: 6/16/2011
SCALE: 1 " = 1,500 '

REFERENCE MATERIAL

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7323HYD203

DATE: 11/18/2010;File: \\vtnnv.com\dfs\gisdata\VTN\mxd-templates\36x24_revision_block.mxd;By: teresav

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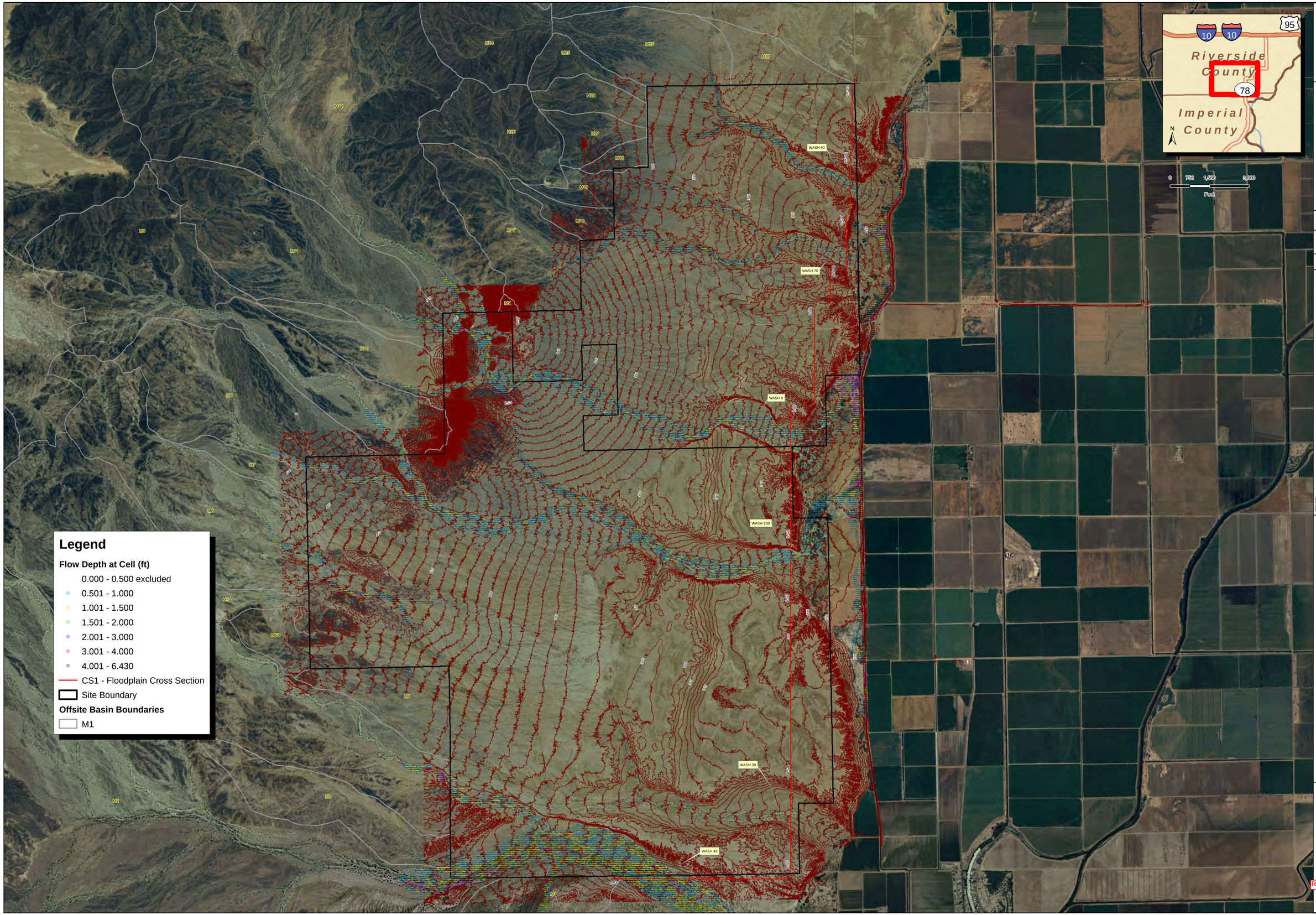
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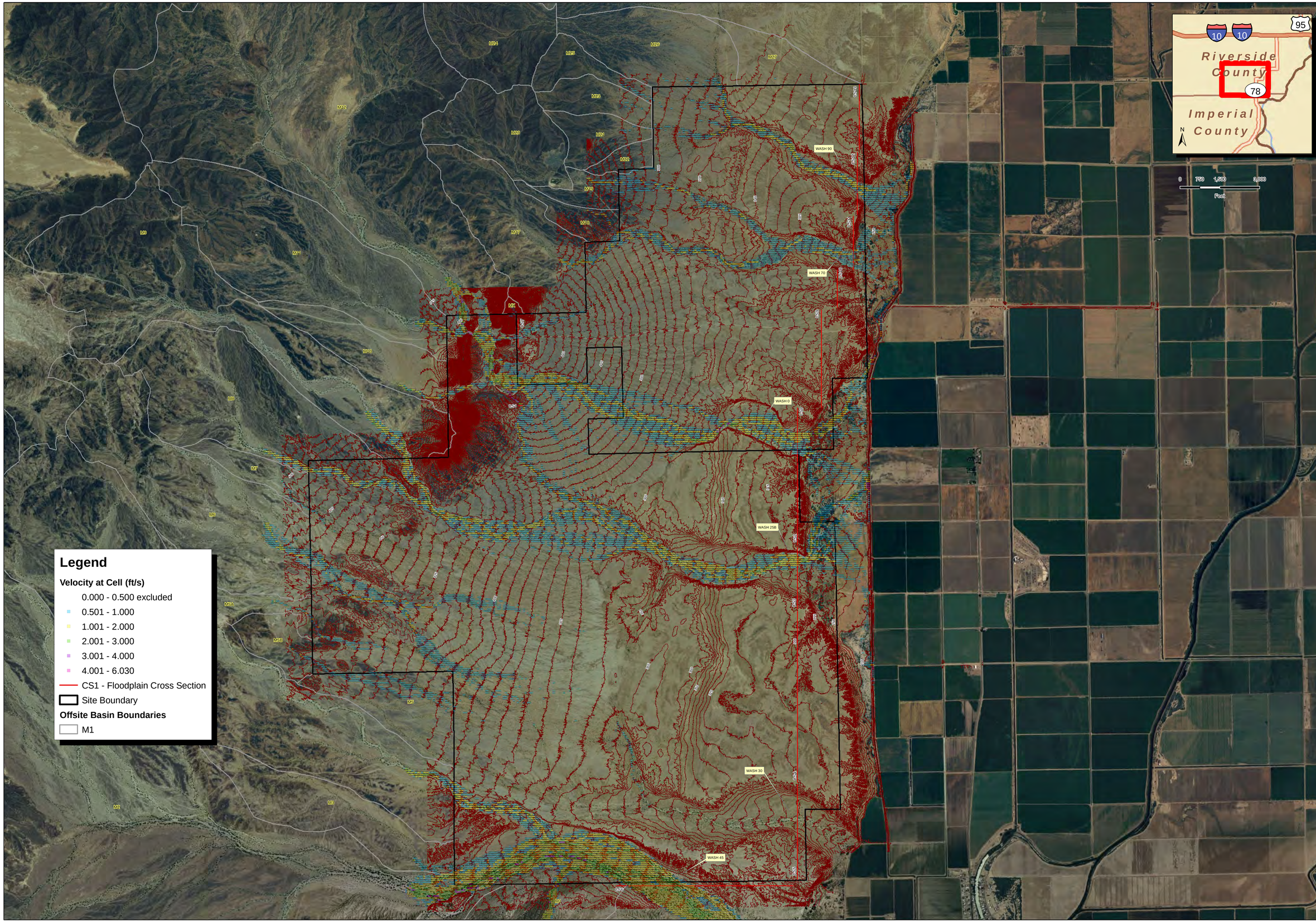

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REV.	DATE	BY	REVISION
	6/16/11	SB	Added augmentation area, replaced CS 7 & 8 and added CS 9-13

RIVERSIDE COUNTY, CA

BrightSource

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FLO-2D VELOCITY MAP
24HR-10YR
EXISTING CONDITION

RIO MESA SOLAR

PROJECT NO: 7323
DRAWN BY: SB
DATE: 6/16/2011
SCALE: 1 " = 1,500 '

REFERENCE MATERIAL

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7323HYD205

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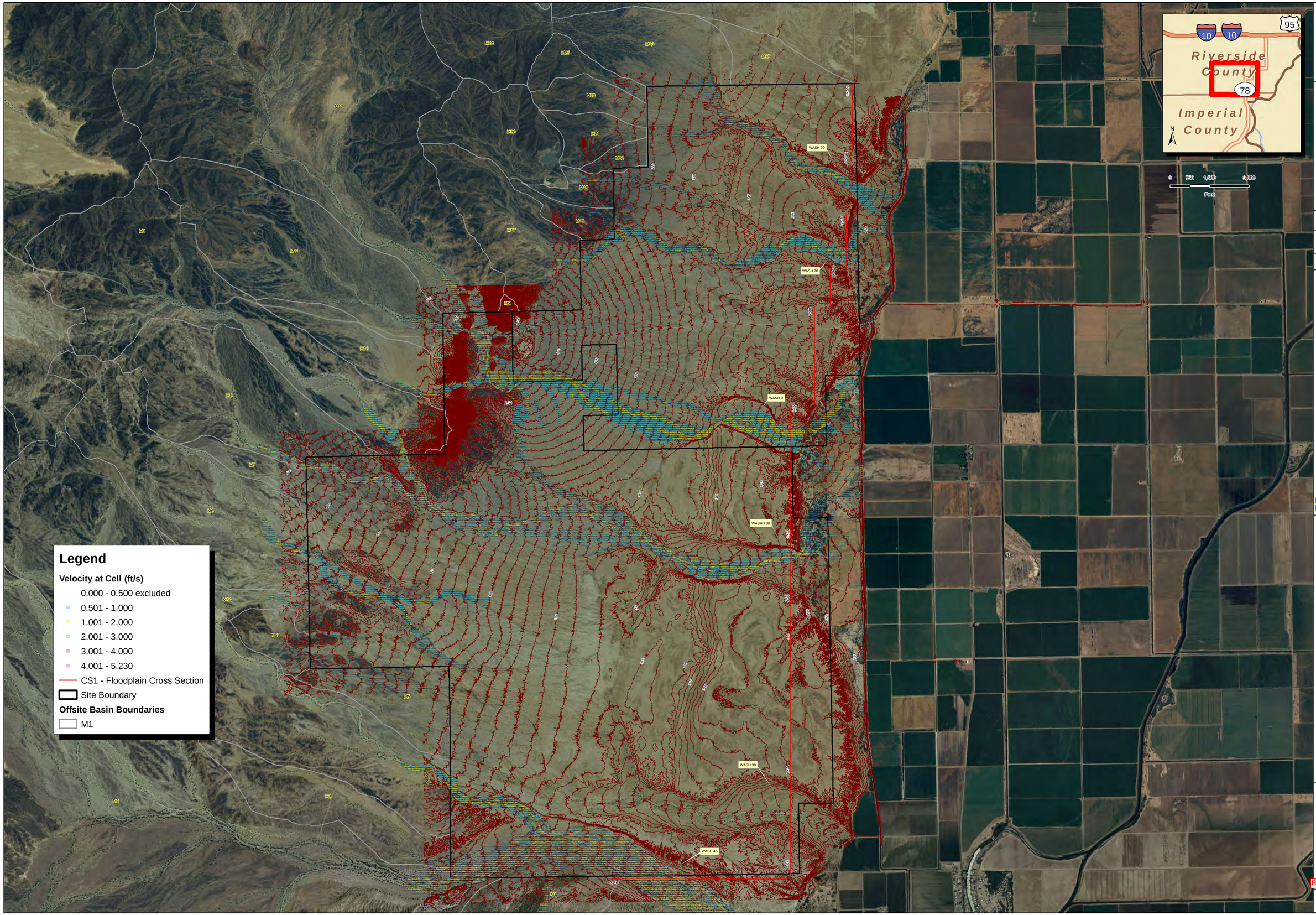
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Appendix B:

Post-Construction Analysis Figures

NA_FORMATS.CEL AC=ESTD_NA 07/17/08

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N 90,0000 E 20,0000 N 90,727.37 E 32,771.26 E 30,0000 E 40,0000 N 90,839.37 E 40,645.93 N 90,0000

N 87,658.36 E 32,814.67

N 87,626.77 E 31,496.46

CROSSING AREA FOR HIGH VOLTAGE TRANSMISSION LINE AND NATURAL GAS LINE

N 84,542.03 E 31,551.26

N 84,904.70 E 30,241.93

EX. HIGH VOLTAGE TRANSMISSION LINE

EX. BRADSHAW TRAIL

N 82,245.97 E 30,265.38

N 82,202.98 E 27,655.05

N 82,140.70 E 25,030.81

UNIT 3

12' DIRT ROAD

EX. HIGH VOLTAGE TRANSMISSION LINE AND NATURAL GAS LINE

PROJECT BOUNDARY

EX. BRADSHAW TRAIL

ALTERNATE EMERGENCY ENTRANCE

N 80,0000

N 79,467.03 E 25,072.66

N 79,803.39 E 40,859.23

N 79,779.47 E 39,541.75

N 76,732.62 E 22,482.35

N 76,793.48 E 25,114.40

N 77,077.35 E 38,273.91

N 77,099.36 E 39,589.93

N 76,671.69 E 19,850.17

SEE INSET A FOR SHEET

COMMON AREA

N 74,368.37 E 38,321.43

N 74,383.82 E 39,637.73

N 73,999.80 E 19,906.49

PROJECT BOUNDARY

UNIT 2

12' DIRT ROAD

20' PAVED ROAD

24' PAVED SHARED ROAD

24' PLANT ENTRANCE ROAD

CONNECTS TO EXISTING 34TH AVE.

N 71,667.51 E 39,686.61

N 71,327.86 E 19,963.04

N 70,0000

N 68,950.45 E 39,738.28

N 68,655.81 E 20,015.86

N 68,704.15 E 22,642.52

N 68,752.81 E 25,268.57

UNIT 1

12' DIRT ROAD

N 66,233.34 E 39,790.14

N 63,573.99 E 39,840.08

N 63,391.63 E 25,325.11

12' PERIMETER DIRT ROAD OFFSET 5' FROM FENCE (TYP)

N 63,567.52 E 38,519.93

N 60,747.18 E 27,981.05

N 60,710.91 E 25,334.66

RIVERSIDE COUNTY IMPERIAL COUNTY

N 60,784.61 E 30,627.36

PROJECT BOUNDARY

N 60,858.29 E 35,920.21

N 60,0000

N 60,820.91 E 33,274.09

N 60,895.70 E 38,566.67

E 20,0000 E 30,0000 E 40,0000

INSET A
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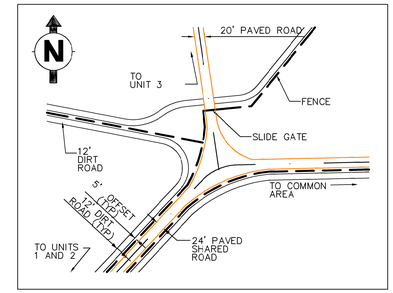

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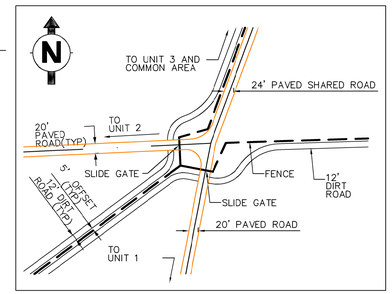
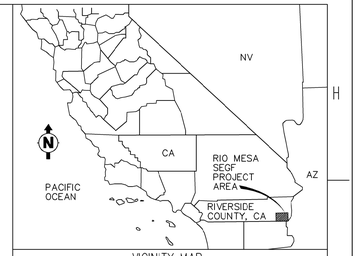
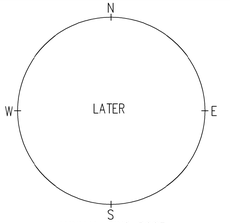




VICINITY MAP



ANNUAL WIND ROSE

PROJECT GRID COORDINATES			
UNIT	EASTING	NORTHING	COMMENTS
1	29,824.27	67,289.63	
2	25,924.66	72,612.47	
3	32,873.15	82,063.26	

COORDINATES GIVEN TO CENTERLINE POWER TOWER.

VTN FIGURE HYD500 -BrightSource Energy / Bechtel Site Plan

LEGEND:

PROJECT BOUNDARY

0 1000 2000 3000
1" = 1000'

B	6/1/11	ROTATED UNITS 1,2, AND 3, ADJUSTED UNIT ACCESS ROADS AND ISSUED FOR AFC	LAP	DWF	--	DWF	TWA		
A	3/31/11	ISSUED FOR REVIEW	LAP	DWF	--	DWF	TWA		
NO.	DATE	REVISIONS	BY	CHK	DES SUPV.	ENGR	PROJ ENGR	APPR	

SCALE 1"=1000' DATE 7/13/11 DESIGNED LAP DRAWN 7/13/11 CHIEF ENGR.

BrightSource

BECHTEL POWER CORP.
DEDICATED TO SAFETY EXCELLENCE - ZERO ACCIDENTS
FREDERICK, MARYLAND

RIO MESA
SOLAR ELECTRIC GENERATING FACILITY

SITE PLAN

PRELIMINARY

BSII (Ltd.)	OWNER DRAWING NO.	
	TBD	
	JOB NO.	DRAWING NO.	REV.
	25670	000-C2-0000-00001	B

8 7 6 5 4 3 2 1

REF DN=( ) DRN=( ) 34"X44" E SIZE
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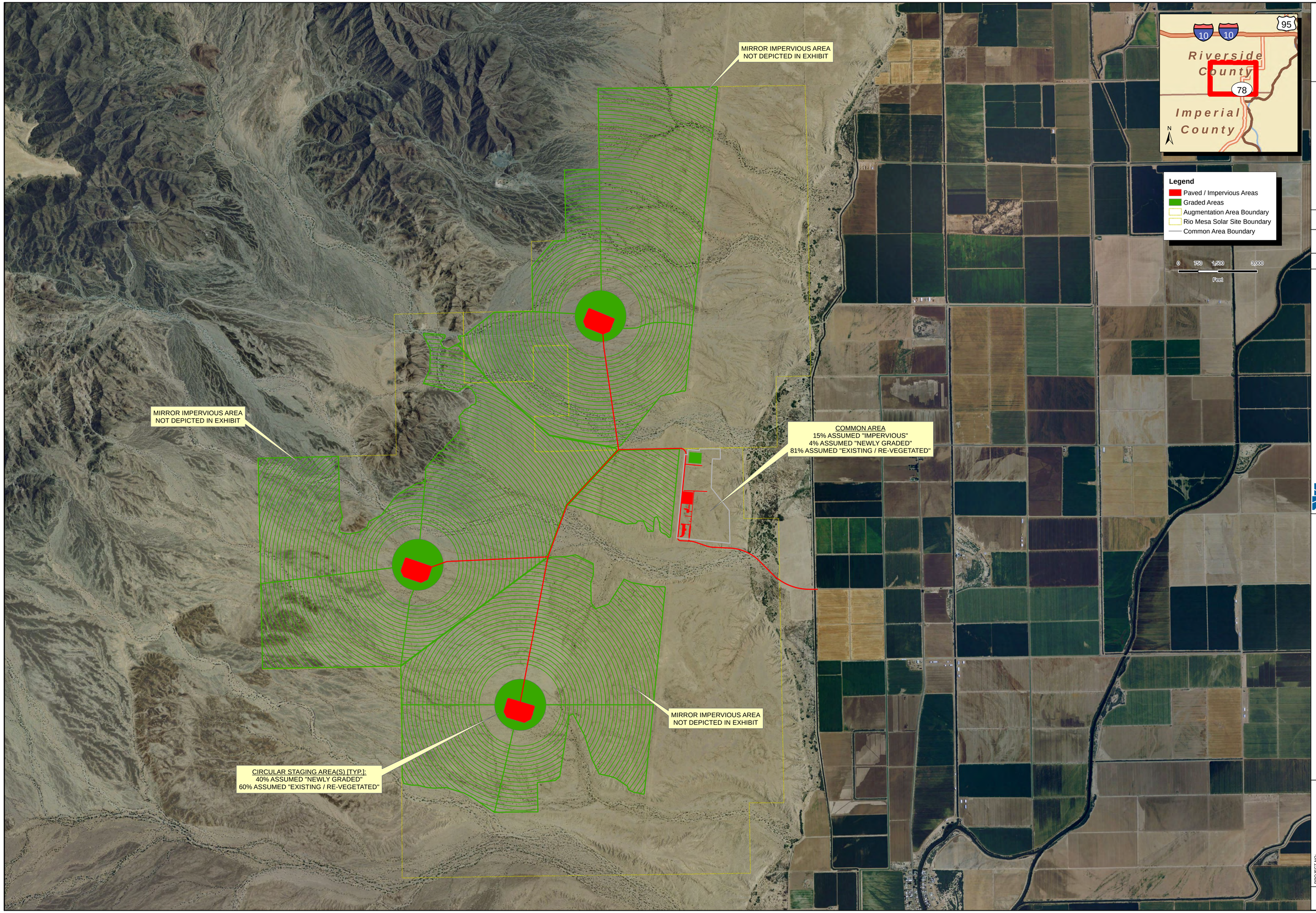
BSE Document Control Number: 7323HYD300-FINAL



REV.	DATE	BY	REVISION

RIVERSIDE COUNTY, CA

BrightSource

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POST CONSTRUCTION DISTURBED AREA CLASSIFICATION EXHIBIT

RIO MESA SOLAR

PROJECT NO:	DRAWN BY:	DATE	SCALE:
7323	RV	8/25/2011	1 " = 1,500 '

SHEET
HYD501

DATE: 8/25/2011 File: \\vtnnv.com\dfs\hydrology\7323-BlythePreliminary Site Investigation\GIS\MXD\7323-PostConstruction-Area-Class5v1.mxd By: rav

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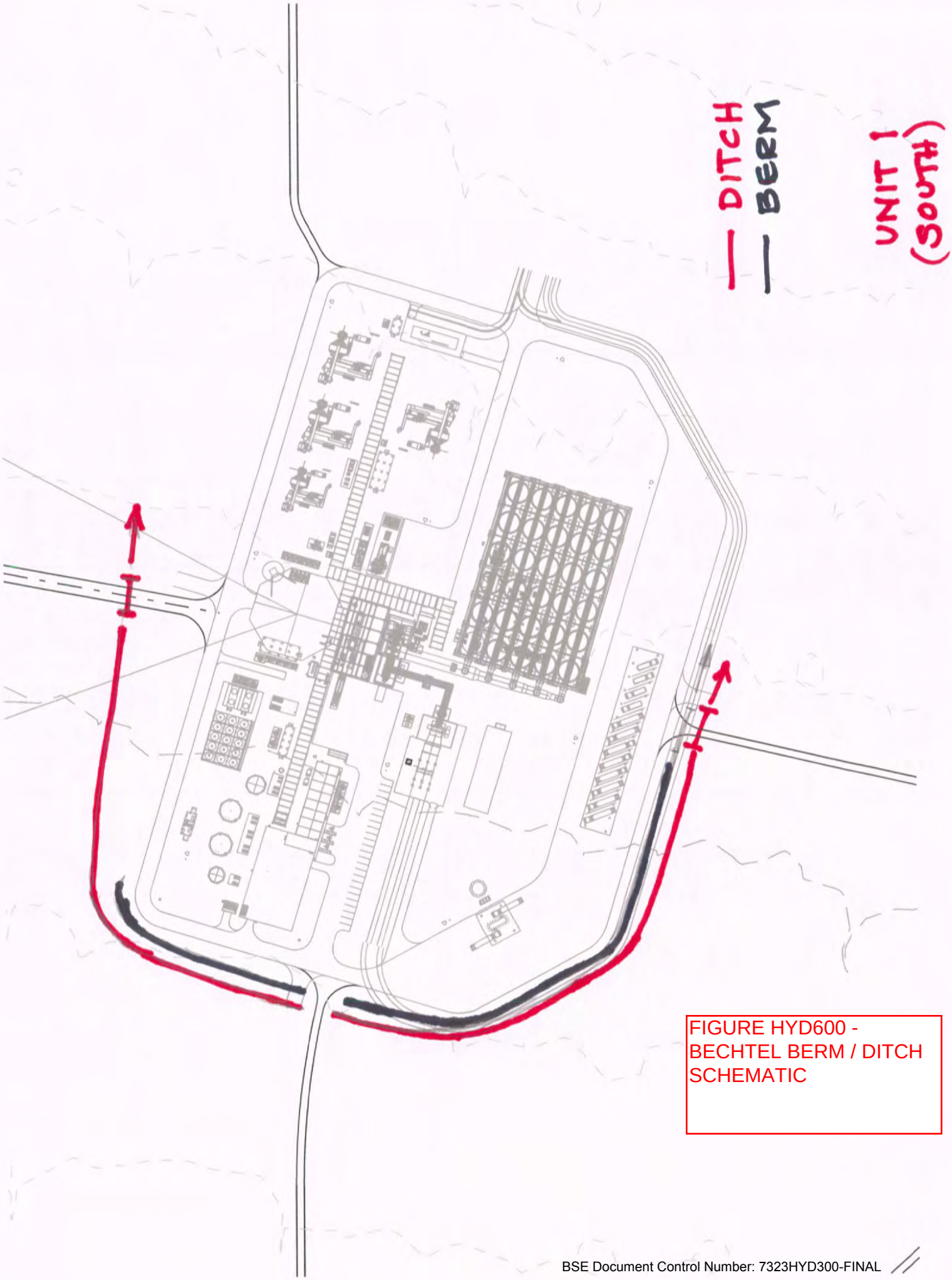


FIGURE HYD600 - BECHTEL BERM / DITCH SCHEMATIC

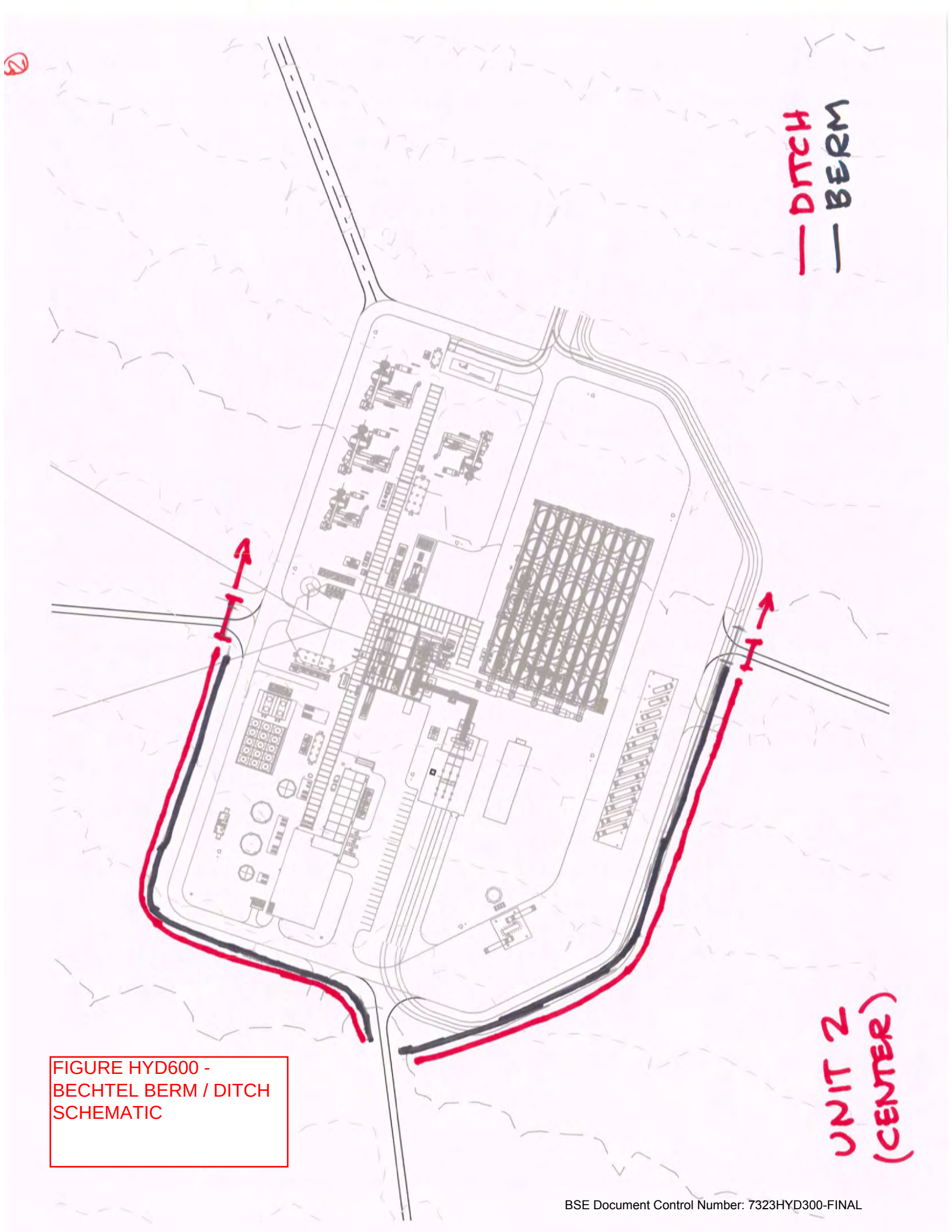


FIGURE HYD600 - BECHTEL BERM / DITCH SCHEMATIC

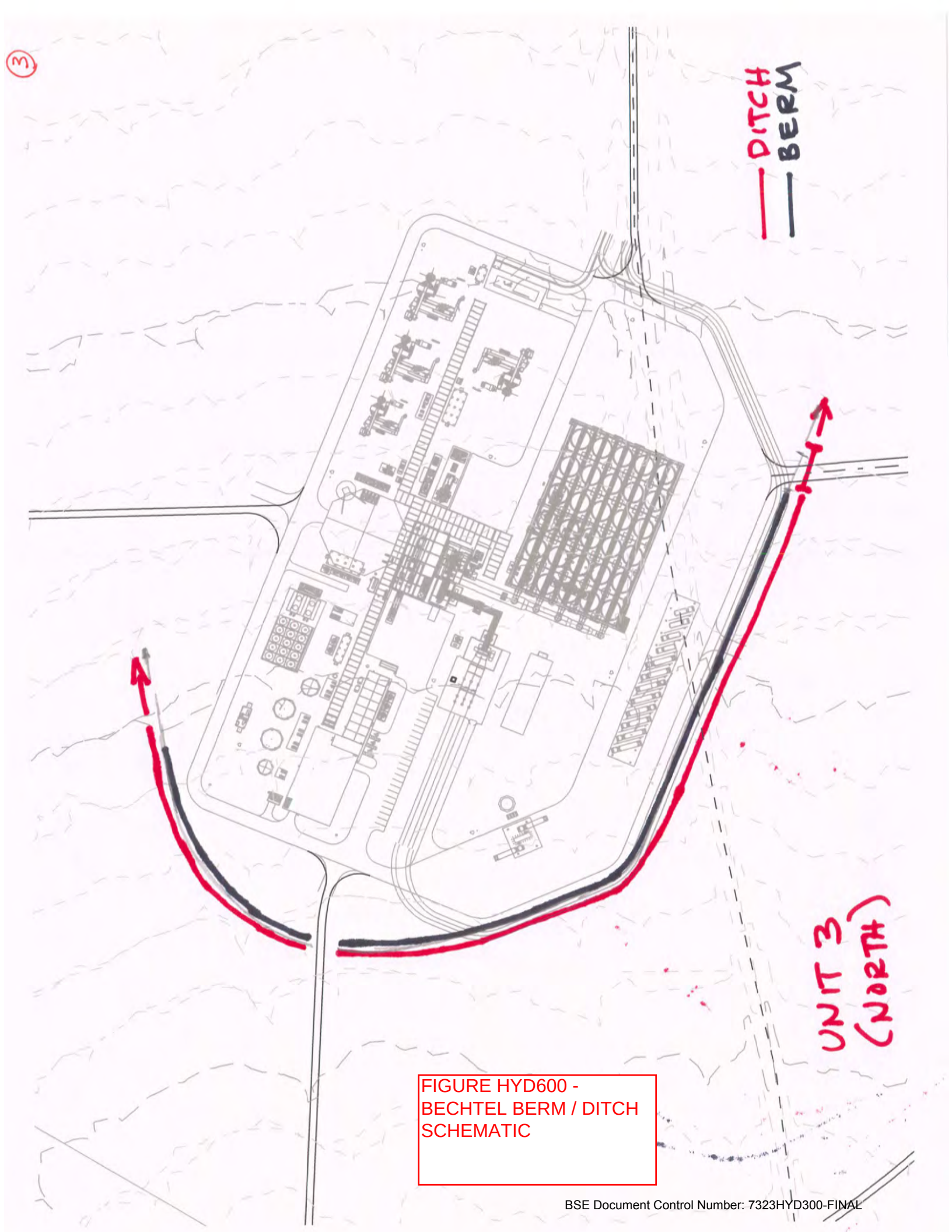
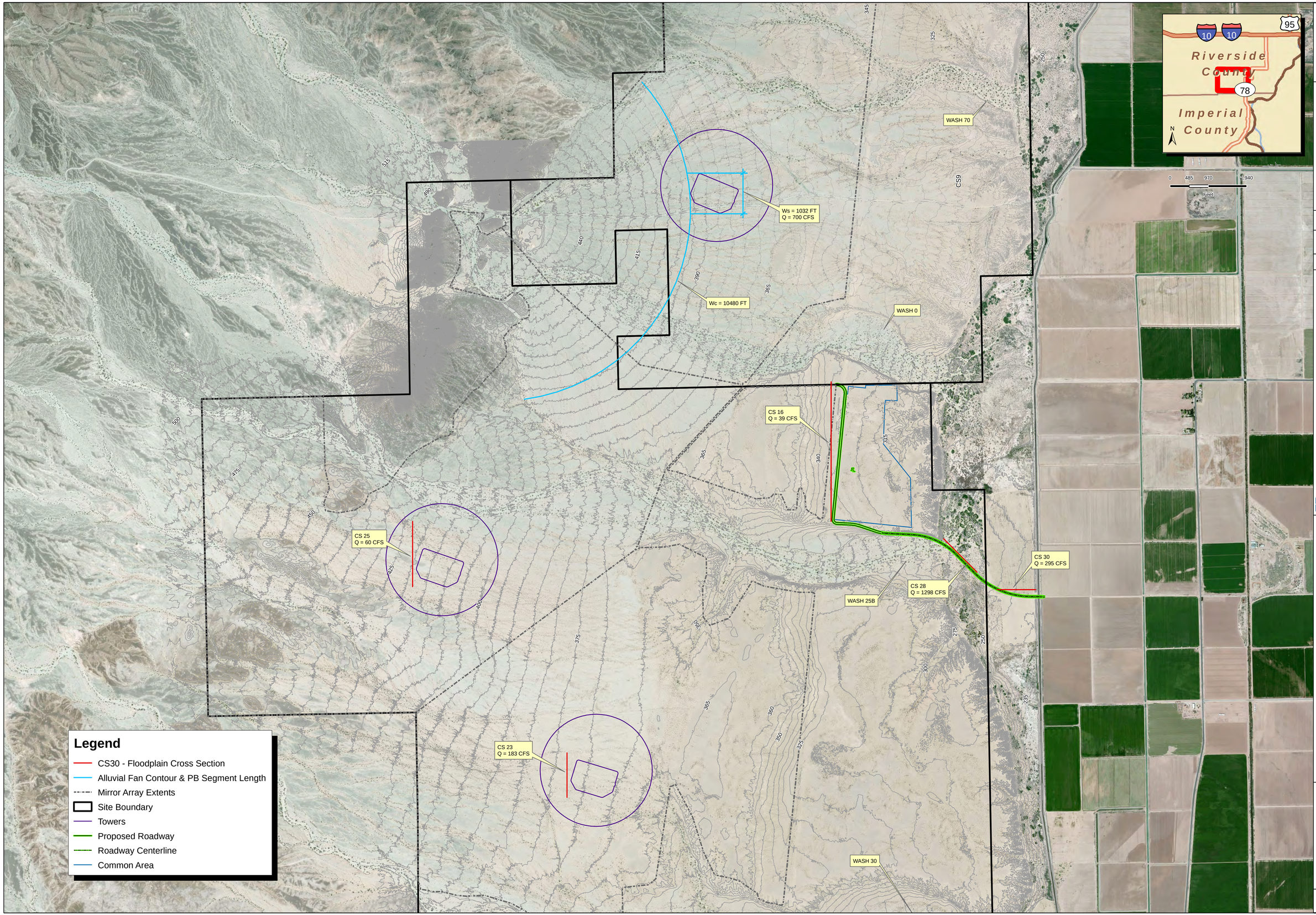


FIGURE HYD600 - BECHTEL BERM / DITCH SCHEMATIC



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REV.	DATE	BY	REVISION

RIVERSIDE COUNTY, CA

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Las Vegas, NV 89146
Tel (702) 382-2500
Fax (702) 382-2597
www.vtnv.com

BrightSource

vtn

FLOOD PROTECTION FLOW EXHIBIT
24HR-100YR
DEVELOPED CONDITION

RIO MESA SOLAR

PROJECT NO.	DRAWN BY:	DATE	SCALE:
7323	SB	8/25/2011	1 " = 1,000 '

SHEET
HYD601

DATE: 8/18/2011 File: \\vtnv.com\dfs\hydrology\7323-BrySte\Preliminary Site Investigation\GIS\MXD\7323-alluvial-length

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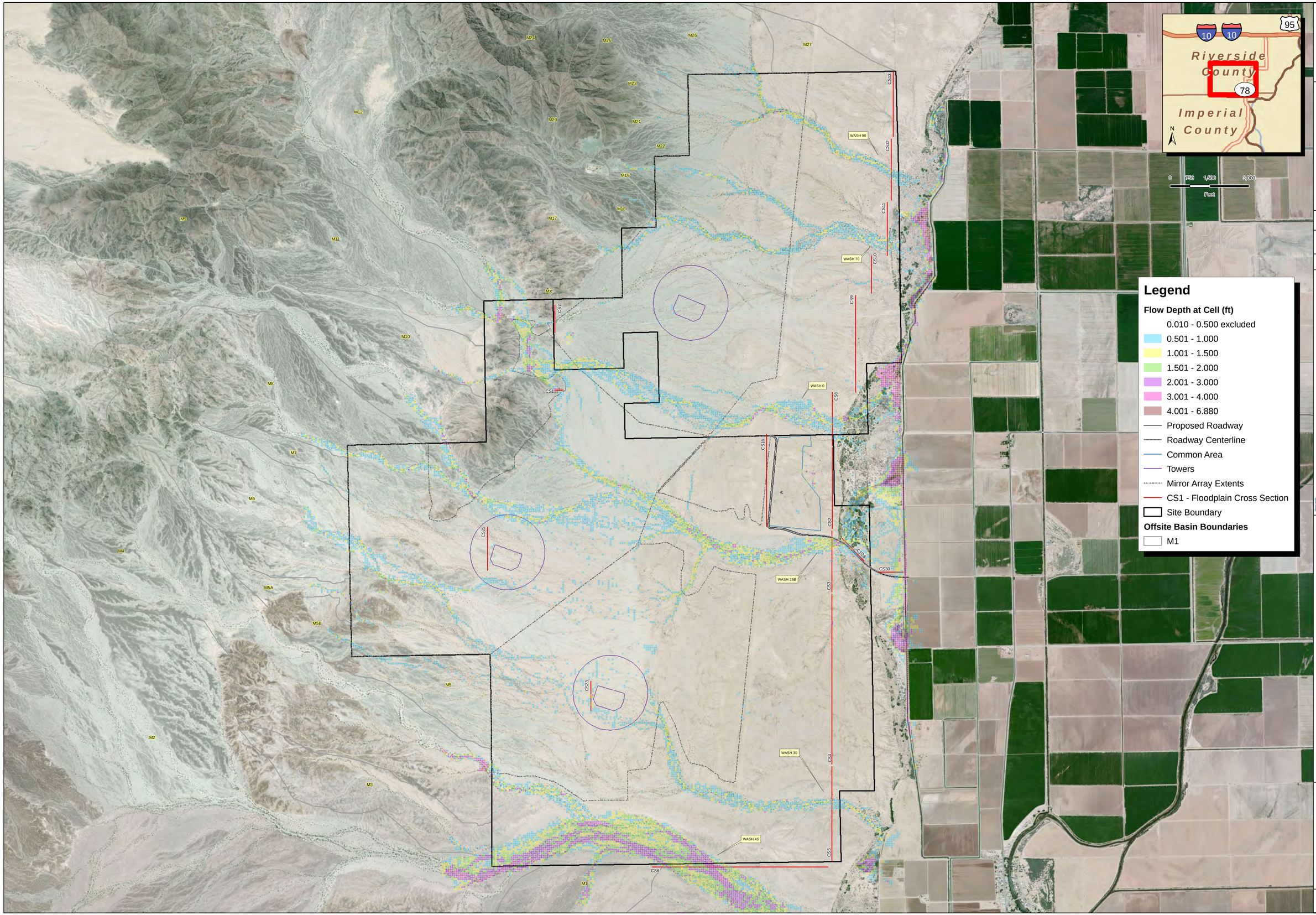

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REV.	DATE	BY	REVISION

RIVERSIDE COUNTY, CA

BrightSource

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Tel. (702) 873-7550
Fax (702) 362-2597
www.vtmnv.com

FLO-2D DEPTH MAP
24HR-100YR
DEVELOPED CONDITION

RIO MESA SOLAR

PROJECT NO: 7323
DRAWN BY: SB
DATE: 8/25/2011
SCALE: 1 " = 1,500 '

SHEET
7323HYD200A

DATE: 8/18/2011; File: \\vtmnv.com\dfs\hydrology\7323-Blythe\Preliminary Site Investigation\GIS\MXD\DEVELOPED FLO2D\7323-Flo2d-100yr-depth-dev.mxd

BSE Document Control Number: 7323HYD300-FINAL

Legend

Velocity at Cell (ft/s)

- 0.010 - 0.500 excluded
- 0.501 - 1.000
- 1.001 - 1.500
- 1.501 - 2.000
- 2.001 - 3.000
- 3.001 - 4.000
- 4.001 - 8.040
- Proposed Roadway
- Roadway Centerline
- Common Area
- Towers
- Mirror Array Extents
- CS1 - Floodplain Cross Section
- Site Boundary

Offsite Basin Boundaries

- M1

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REV.	DATE	BY	REVISION

BrightSource

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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 DEVELOPED CONDITION

RIO MESA SOLAR

PROJECT NO:	DRAWN BY:	DATE	SCALE:
7323	SB	8/25/2011	1 " = 1,500 '

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7323HYD201A

DATE: 8/18/2011, File: \\vtnnv.com\ofs\hydrology\7323-BlythePreliminary Site Investigation\GIS\MXD\DEVELOPED FLOOD\7323-Flo2d-100yr-depth-dev.mxd

BSE Document Control Number: 7323HYD300-FINAL

Legend

Flow Depth at Cell (ft)

- 0.010 - 0.500 excluded
- 0.501 - 1.000
- 1.001 - 1.500
- 1.501 - 2.000
- 2.001 - 3.000
- 3.001 - 4.000
- 4.001 - 6.550
- Proposed Roadway
- Roadway Centerline
- Common Area
- Towers
- Mirror Array Extents
- CS1 - Floodplain Cross Section
- Site Boundary

Offsite Basin Boundaries

- M1

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FLO-2D DEPTH MAP 24HR-25YR DEVELOPED CONDITION

RIO MESA SOLAR

PROJECT NO:	DRAWN BY:	DATE	SCALE:
7323	SB	8/25/2011	1 " = 1,500 '

SHEET

7323HYD202A

BSE Document Control Number: 7323HYD300-FINAL

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Legend

Velocity at Cell (ft/s)

- 0.010 - 0.500 excluded
- 0.501 - 1.000
- 1.001 - 1.500
- 1.501 - 2.000
- 2.001 - 3.000
- 3.001 - 4.000
- 4.001 - 6.910
- Proposed Roadway
- Roadway Centerline
- Common Area
- Towers
- Mirror Array Extents
- CS1 - Floodplain Cross Section
- Site Boundary

Offsite Basin Boundaries

- M1

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FLO-2D VELOCITY MAP 24HR-25YR DEVELOPED CONDITION

RIO MESA SOLAR

PROJECT NO:	DRAWN BY:	DATE	SCALE:
7323	SB	8/25/2011	1 " = 1,500 '

SHEET

7323HYD203A

DATE: 8/18/2011 File: \\vtnv.com\dfs\hydrology\7323-BlythePreliminary Site Investigation\GIS\MXD\DEVELOPED FLO2D\7323-Flo2d-100y-depth-dev.mxd

BSE Document Control Number: 7323HYD300-FINAL

Legend

Flow Depth at Cell (ft)

- 0.010 - 0.500 excluded
- 0.501 - 1.000
- 1.001 - 1.500
- 1.501 - 2.000
- 2.001 - 3.000
- 3.001 - 4.000
- 4.001 - 6.420
- Proposed Roadway
- Roadway Centerline
- Common Area
- Towers
- Mirror Array Extents
- CS1 - Floodplain Cross Section
- Site Boundary

Offsite Basin Boundaries

- M1

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FLO-2D DEPTH MAP 24HR-10YR DEVELOPED CONDITION

RIO MESA SOLAR

PROJECT NO:	DRAWN BY:	DATE	SCALE:
7323	SB	8/25/2011	1 " = 1,500 '

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7323HYD204A

BSE Document Control Number: 7323HYD300-FINAL

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Legend

Velocity at Cell (ft/s)

- 0.010 - 0.500 excluded
- 0.501 - 1.000
- 1.001 - 1.500
- 1.501 - 2.000
- 2.001 - 3.000
- 3.001 - 4.000
- 4.001 - 6.030
- Proposed Roadway
- Roadway Centerline
- Common Area
- Towers
- Mirror Array Extents
- CS1 - Floodplain Cross Section
- Site Boundary

Offsite Basin Boundaries

- M1

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FLO-2D VELOCITY MAP 24HR-10YR DEVELOPED CONDITION

RIO MESA SOLAR

PROJECT NO.	DRAWN BY:	DATE	SCALE:
7323	SB	8/25/2011	1 " = 1,500 '

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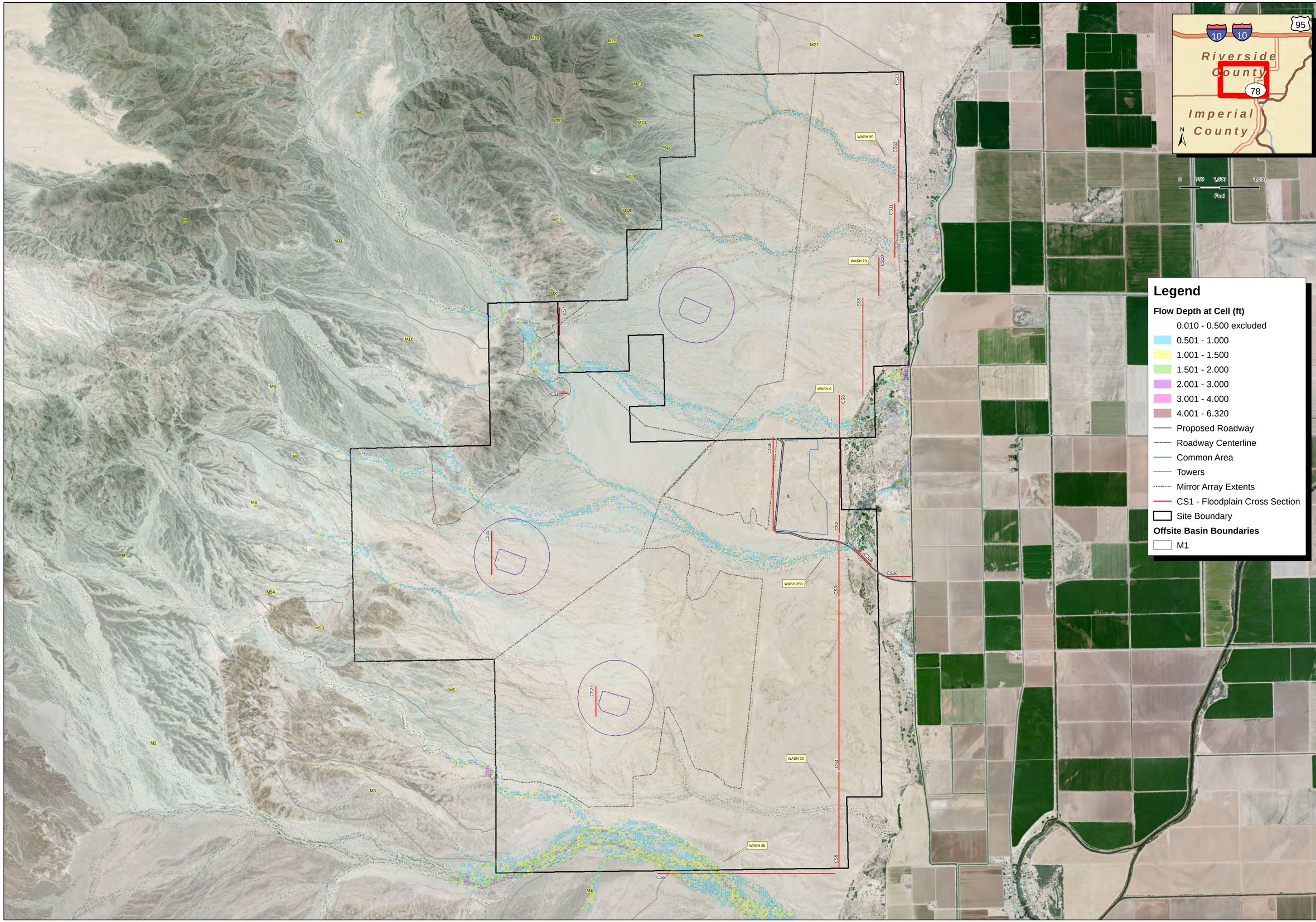

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FLO-2D DEPTH MAP
24HR-5YR
DEVELOPED CONDITION

RIO MESA SOLAR

PROJECT NO: 7323

DRAWN BY: SB

DATE: 8/25/2011

SCALE: 1 " = 1,500 '

SHEET
7323HYD206A

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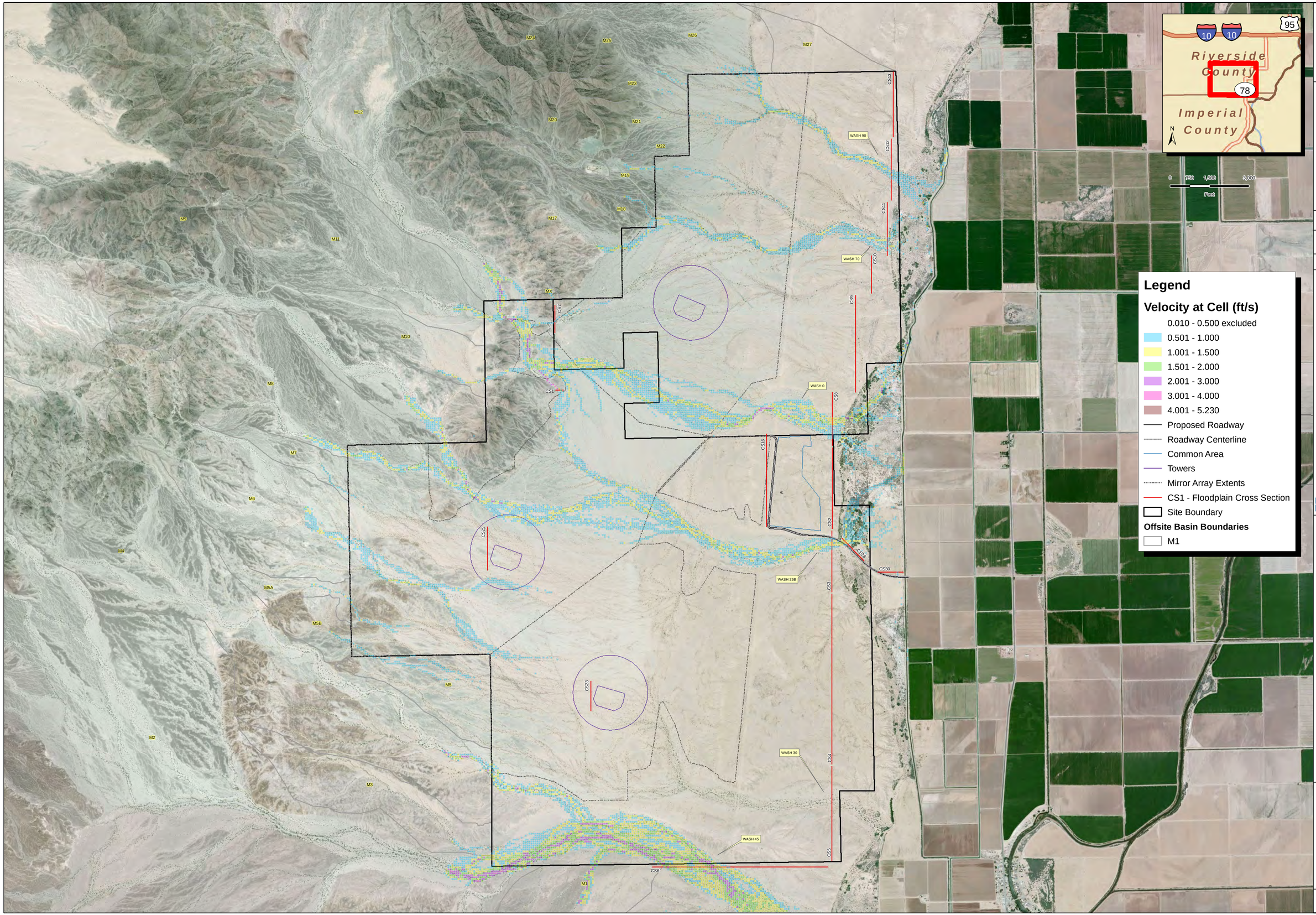
BSE Document Control Number: 7323HYD300-FINAL



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FLO-2D VELOCITY MAP 24HR-5YR DEVELOPED CONDITION

RIO MESA SOLAR

PROJECT NO:	DRAWN BY:	DATE	SCALE:
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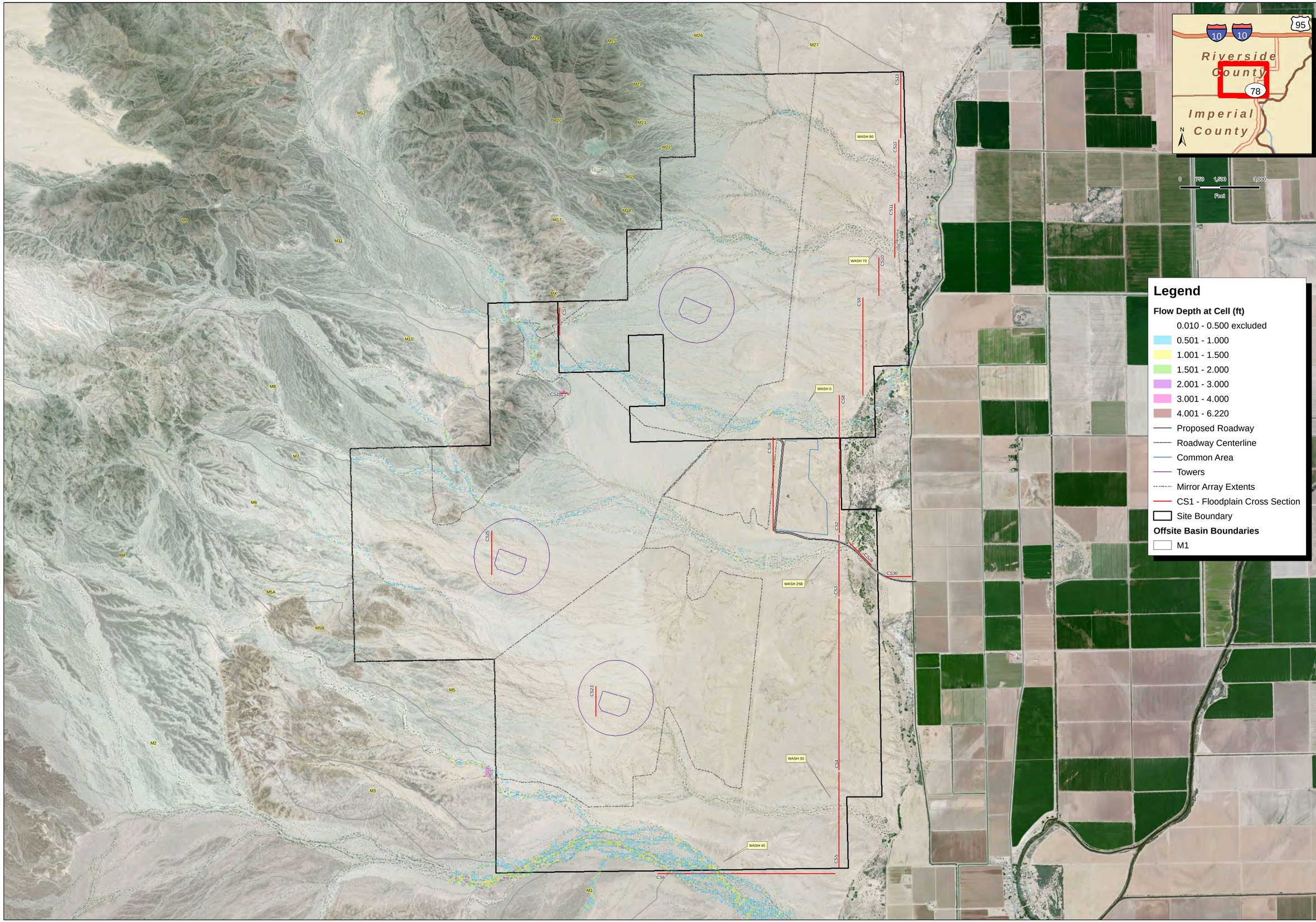

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FLO-2D DEPTH MAP
24HR-2YR
DEVELOPED CONDITION

RIO MESA SOLAR

PROJECT NO: 7323

DRAWN BY: SB

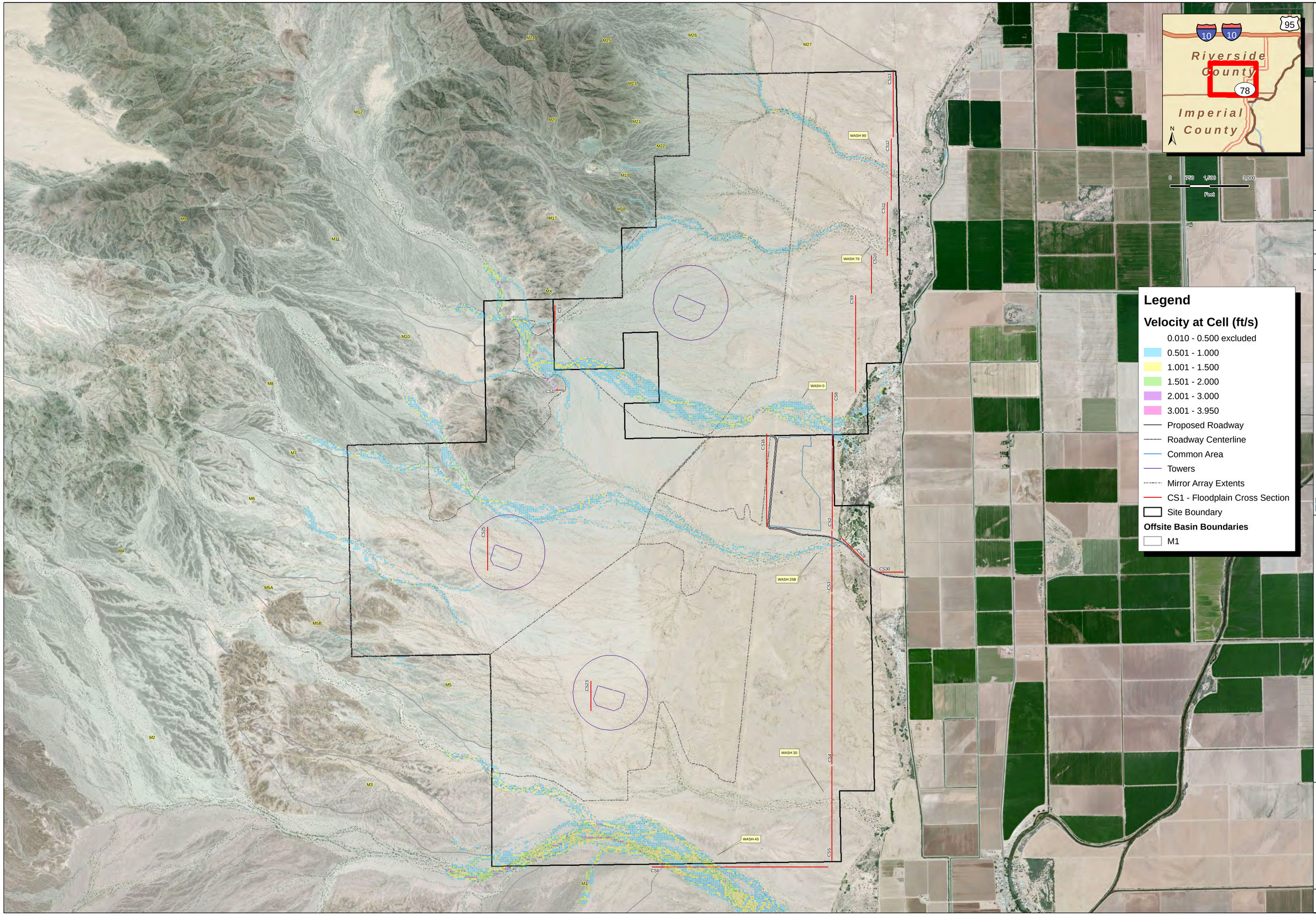
DATE: 8/25/2011

SCALE: 1 " = 1,500 '

SHEET
7323HYD208A

DATE: 8/18/2011; File: \\vtmnv.com\dfs\hydrology\7323-Blythe\Preliminary Site Investigation\GIS\MXD\DEVELOPED FLO2D\7323-Flo2d-100yr-depth-dev.mxd

BSE Document Control Number: 7323HYD300-FINAL



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FLO-2D VELOCITY MAP
24HR-2YR
DEVELOPED CONDITION

RIO MESA SOLAR

PROJECT NO: 7323

DRAWN BY: SB

DATE: 8/25/2011

SCALE: 1 " = 1,500 '

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Appendix C:

Post-Construction Land Use Break Down / Soil CN Calculations

Rio Mesa Solar -- Post Construction Land Use Breakdown Calculations

Impervious Area Calculation

I. Solar Field Mirror Area

Number of Solar Fields (aka Towers) =	3	
Number of Heliostats per Solar Field =	85,000	
Number of Mirrors per Heliostat =	1	
Total Mirrors (for all Solar Fields) =	255,000	
*********Typ. Solar Field Mirror Dimensions********		
Mirror Height =	12	ft
Mirror Width =	17.2	ft
Individual Mirror Area =	206.4	ft^2
Total Mirror Area (for all Solar Fields) =	52,632,000	ft^2
Total Mirror Area (for all Solar Fields), unit convert =	***1208.3***	***ac***

II. Pavement (Asphaltic) and Building Areas

A.....Paved Spike/Shared Roadways (within Solar Fields)

Typ. Width of Paved Roads =	24	ft
Total Length of Paved Roads =	21,769	ft
Paved Road Area =	522,456	ft^2
Total Paved Road Area, unit convert =	***12.0***	***ac***

B.....Power Blocks

Typ. Area of Power Blocks =	17.6	ac
Number of Power Blocks =	3	
Total Paved Power Block Area =	***52.8***	***ac***

C.....Common Area: Paved Road Ways, Parking Lots, Paths, & Buildings

Total Common Area: Paved Road Ways, Parking Lots, Paths, Buildings =	761,284	ft^2
Total Common Area: Paved Road Ways, Parking Lots, Paths, Buildings, unit convert =	***17.5***	***ac***

III. Summary of Total Impervious Area

Mirro Area (for all Solar Fields):	1208.3	ac
Paved Road Area:	12.0	ac
Paved Power Block Area:	52.8	ac
Paved Roadways, Parking Lots, Buildings (comon area):	17.5	*ac*
Grand Total Impervious Area =	***1290.5***	***ac***

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Graded Area Calculation

I. Interior (Spike) Access Graded Roads

Typ. Width of Interior Graded Roads =	12	ft
Total Length of Interior Graded Roads =	60,765	ft
Total Interior Graded Road Area =	729,180	ft^2
Total Interior Graded Road Area, unit convert =	***16.7***	***ac***

II. Exterior/Perimeter Access Graded Roads

Typ. Width of Exterior Graded Roads =	12	ft
Total Length of Exterior Graded Roads =	141,519	ft
Total Exterior Graded Road Area =	1,698,228	ft^2
Total Exterior Graded Road Area, unit convert =	***39.0***	***ac***

III. Heliostat (Concentric) Roads

Typ. Width of Concentric Roads =	10	ft
Length of Heliostat Roads, Tower Unit 1 =	477,399	ft
Length of Heliostat Roads, Tower Unit 2 =	514,583	ft
Length of Heliostat Roads, Tower Unit 3 =	466,526	ft
Total Length of Heliostat Roads =	1,458,508	ft
Total Area of Heliostat Roads =	14,585,080	ft^2
Total Area of Heliostat Roads, unit convert =	334.8	ac
40% of Heliostat Road Area Graded =	***133.9***	***ac***

IV. Common (Switch Yard) Area

Graded/Cleared/Grubbed Area =	206,600	ft^2
Total Graded/Cleared/Grubbed Area, unit convert =	**4.7**	**ac**

V. Circular Staging Area (around power blocks)

Number of Circular Staging Areas =	3	
Typ. Staging Area =	127.2	ac
Total Graded Circular Staging Area =	~~**381.6**~~	~~**ac**~~
Per Bechtel, 40% of Circular Staging Area Graded =	**152.6**	**ac**

IV. Summary of Total Graded Area

Interior (Spike) Access Graded Roads:	16.7	ac
Exterior (Perimeter) Access Graded Roads:	39.0	ac
Heliostat (Concentrict) Roads:	133.9	ac
Common (staging/fabrication) Areas:	4.7	ac
Circular Staging Area:	152.6	ac
Grand Total Graded Area =	***347.0***	***ac***

SUMMARY

Total Disturbed (Constructed) Area =	5,583.5	ac
% Impervious of Total Disturbed Area =	23.1%	
% Graded of Total Disturbed Area =	6.2%	
% of Total Disturbed Area =	29.3%	
% of Total Un-disturbed Area =	70.7%	

BSE Document Control Number: 7323HYD300-FINAL

POST CONSTRUCTION - SOIL COMPOSITE CURVE NUMBER (CN) CALCULATIONS

PROJECT: RIO MESA SOLAR
CALCULATED BY: RV

Soil # s1041 Rositas-Orita-Carrizo-Aco

Soil	Percent	Hydrologic Group	AMC II Barren[1]	AMC II Desert Shrub[2]	AMC II Newly Graded Areas[3]	AMC II Impervious Areas[4]
Carrizo	18%	A	78	63	77	98
Aco	28%	B	86	77	86	98
Orita	15%	B	86	77	86	98
Badland	7%	D	93	88	94	98
Rositas	19%	A	78	63	77	98
Carsitas	6%	A	78	63	77	98
Chuckwalla	6%	B	86	77	86	98
Rock Outcrop	1%	D	93	88	94	98
Total	**100%**		**83.1**	**71.9**	**82.8**	**98.0**

AMC II Soil s1041

Overall Soil Post-Construction Developed CN Composition[5]

Percentage of Undisturbed (Existing) =	70.7%	x	71.9	=	50.8
Percentage of Graded =	6.2%	x	82.8	=	5.1
Percentage of Impervious =	23.1%	x	98.0	=	22.7
Total =	100.0%				**78.6**

Unconnected Impervious Area CN Adjustment Calculation For Soil s1041

$CN_c = CN_p + I_f(98-CN_p)(1-0.5R)$ Equation 3.52, Hydrologic Analysis and Design 3rd Ed., Richard McCuen (2005)

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 =	72.8	(a composite of both Graded and Existing CN values)
I_f =	23.1%	
R =	1	
CN_c =	**75.7**	

Soil # s1140 Rillito-Gunsight

Soil	Percent	Hydrologic Group	AMC II Barren[1]	AMC II Desert Shrub[2]	AMC II Newly Graded Areas[3]	AMC II Impervious Areas[4]
Gunsight	27%	B	86	77	86	98
Rillito	19%	B	86	77	86	98
Chuckwalla	8%	B	86	77	86	98
Carrizo	6%	A	78	63	77	98
Beeline	5%	D	93	88	94	98
Cipriano	5%	D	93	88	94	98
Denure	5%	B	86	77	86	98
Gilman	5%	B	86	77	86	98
Mohall	5%	B	86	77	86	98
Momoli	5%	B	86	77	86	98
Pinamt	5%	B	86	77	86	98
Tremant	5%	B	86	77	86	98
Total	**100%**		**86.2**	**77.3**	**86.3**	**98.0**

AMC II Soil s1140

Overall Soil Post-Construction Developed CN Composition[5]

Percentage of Undisturbed (Existing) =	70.7%	x	77.3	=	54.6
Percentage of Graded =	6.2%	x	86.3	=	5.4
Percentage of Impervious =	23.1%	x	98.0	=	22.7
Total =	100.0%				**82.6**

Unconnected Impervious Area CN Adjustment Calculation For Soil s1140

$CN_c = CN_p + I_f(98-CN_p)(1-0.5R)$ Equation 3.52, Hydrologic Analysis and Design 3rd Ed., Richard McCuen (2005)

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 =	78.0	(a composite of both Graded and Existing CN values)
I_f =	23.1%	
R =	1	
CN_c =	**80.3**	

Notes:
1. Barren (rockland, eroded, and graded land); natural cover. Referenced from RCFC & WCD Plate E-6.1
2. Desert Shrub (major plants include saltbrush, greasewood, creosotebsuh, blackbrush, etc.); Semiarid rangelands in poor hydrologic condition. Referenced from USDA TR-55 Table 2-2d
3. Newly Graded Areas (pervious areas-no vegetation). Referenced from USDA TR-55 Table 2-2a
4. Impervious Areas (streets/paved parking lots/roofs/etc.). Referenced from USDA TR-55 Table 2-2a
5. For calculating Overall Post-Construction CN, used Undisturbed (Existing) CN, used Desert Shrub value since entirety of project constructed within flat, desert areas. Barren CN values were generally located in more mountainous & hilly terrain.

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Reference material from TR-55

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).					

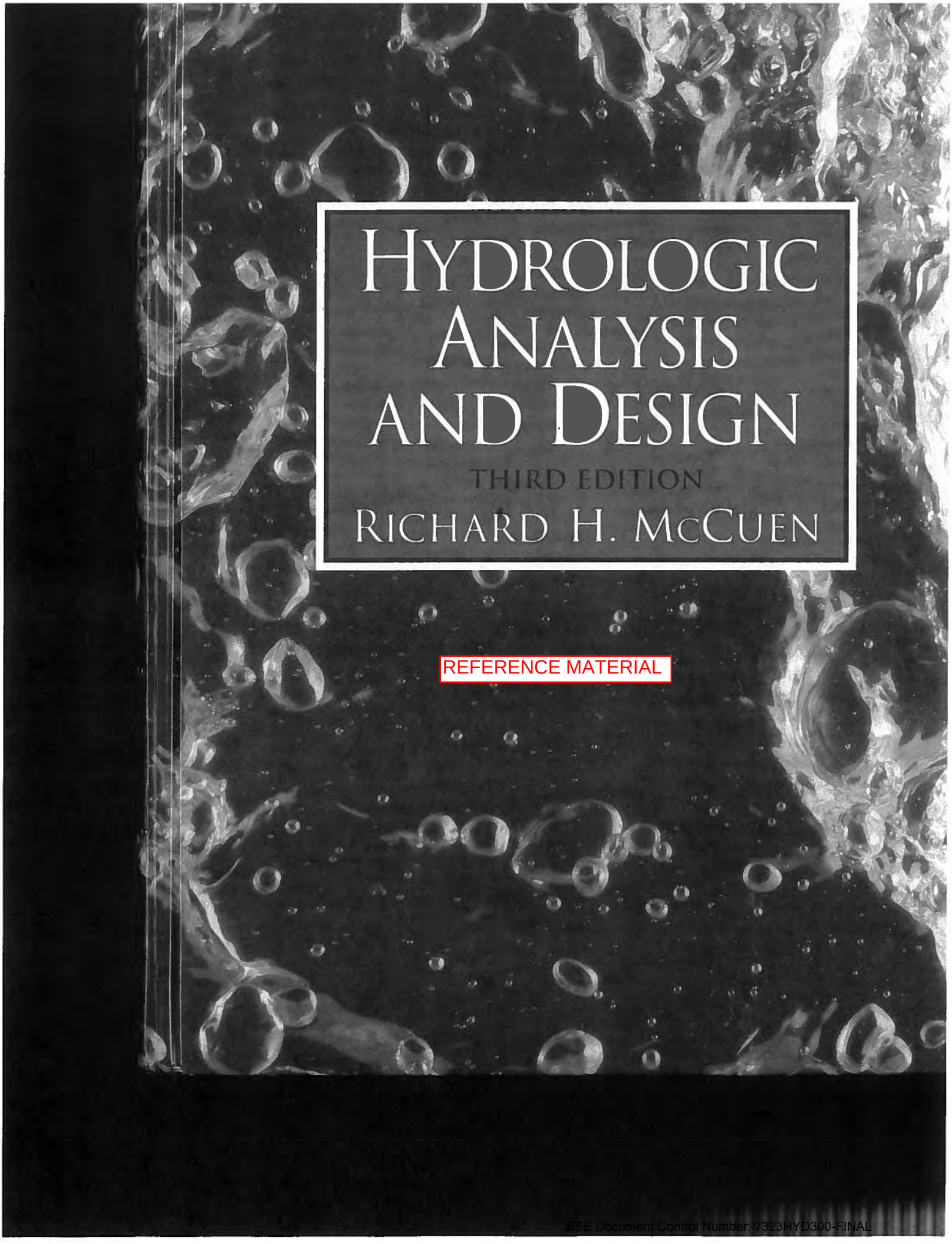
[1] Average runoff condition, and $I_a = 0.2S$.

[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.



REFERENCE MATERIAL

BSE Document Control Number: 7323HYD300-FINAL

REFERENCE MATERIAL

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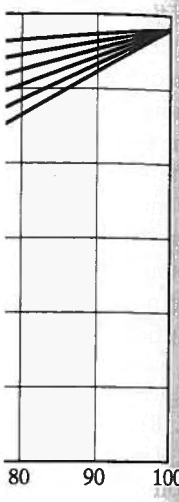
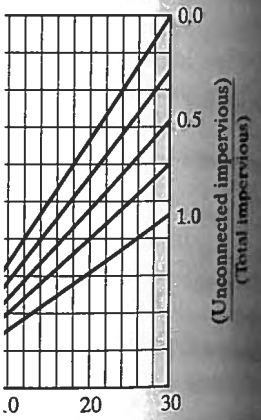
(3.51)





(a) all impervious surfaces
nnected.

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.

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Appendix D:

Alluvial Fan Probability Analysis Calculations & Reference Material

ALLUVIAL FAN PROBABLITY ANALYSIS (All units of length = ft & flow rate = cfs)

Untransformed Synthetic LP3 Statistics

Skew

$$G = -2.5 + 3.12\ \frac{\log(\frac{Q100}{Q10})}{\log(\frac{Q10}{Q2})}$$

Q100 = 1406
Q10 = 636
Q2 = 221

G = -0.158

Standard Deviation

$$S = \frac{\log(\frac{Q100}{Q2})}{K100\ -K2}$$

K Values taken from LP3 Table (Water Resources Council, Bulletin No. 15)

K100 = 2.208
K2 = 0.026

S = 0.37

Mean

$$\mathrm{X} = \log(Q2) - K_2 S$$

X = 2.33

Transformed Statistics

Transformed Mean

$$\mathrm{Z} = \mathrm{X} + 0.92S^2$$

Z = 2.46

Transformation Constant

$$C = \exp(0.92\mathrm{X} + 0.42S^2)$$

C = 9.07

Alluvial Fan Flow Equation

$$\frac{1}{T_R} = \frac{AC\beta}{W_c} P_1 + \frac{W_s}{W_c} P_2$$

$A = Avulsion\ Constant\ (1.5)$

$\beta = 9.41\ for\ single\ channel\ region$

$P_1 = Probability\ of\ flow\ being\ equaled\ or\ exceeded\ at\ a\ point\ on\ fan\ contour\ W_c$

$P_2 = Probability\ of\ flow\ being\ equal\ or\ exceeded\ at\ the\ apex\ of\ the\ fan$

$T_R = return\ period\ (years)$

$W_c = length\ of\ alluvial\ fan\ contour\ at\ elevation\ of\ intrest$

$W_s = length\ of\ design\ segment$

To solve equation assume a Q value for 1/Tr = 0.01 and solve right hand side of equation until it equals 0.01
Assumed Q=700 cfs

Solve for P1 using transformed statistics

$$K_1 = \frac{\log(Q) - \mathrm{Z}}{S_Z}$$

$For\ Log - normal\ distribution, G_Z = G\ \&\ S_Z = S$

Q = 700
K1 = 1.05

Use LP3 Table (Water Resources Council, Bulletin No. 15) to determine P1 by interpolation

P1 = 0.15

Solve for P2 using untransformed statistics

$$K_2 = \frac{\log(Q) - \mathrm{X}}{S}$$

K2 = 1.39

Use LP3 Table (Water Resources Council, Bulletin No. 15) to determine P2 by interpolation

P2 = 0.08

Use Alluvial Fan Flow Equation to determine right hand side of equation

Wc = 10480
Ws = 1032
A = 1.5
B = 9.41

1/Tr = 0.0100 (Numerous interations of Q have not been shown)

Modified FEMA Channel Equations (Referenced from Rio Mesa Solar Erosion and Sour Report]

Channel Width

$$W = 10.35(Q)^{.375}$$

Q = 700
W = 120.7

Channel Depth

$$D = 0.094(Q)^{.375}$$

Q = 700
D = 1.1

Channel Velocity

$$V = \frac{Q}{WD}$$

Q = 700
W = 120.7
D = 1.1
V = 5.3

ALLUVIAL FAN - FEMA EQUATIONS

In order to determine the general channel scour depth (scour occurring during the 100-year storm event) within the RMS onsite area, the Federal Emergency Management Agency (FEMA) channel width and depth alluvial fan equations as derived in the FAN Publication dated September 1990 were referenced. For Ivanpah SEGS, West Yost Associates conducted a scour analysis that revised the FEMA alluvial fan equations to better fit observed wash and channel characteristics for the Ivanpah site. A similar scour analysis has been conducted for the Rio Mesa Solar site to determine anticipated scour depths based on the FEMA equations. The original FEMA equations (A.6 and A.7) for alluvial fan flow assume rectangular channel geometry and are presented as follows:

Depth (d) as a function of discharge:

$$d = 0.07056Q^{\frac{2}{5}}$$

And width, (w) as a function of discharge:

$$w = 9.408Q^{\frac{2}{5}}$$

The channel energy depth, d, is interpreted as the maximum scour depth for alluvial or alluvial-like conditions. By arraigning the equations shown above as a width to depth ratio (w/d) denoted as "a" and dividing equals:

$$a = \frac{w}{d} = \frac{9.408Q^{\frac{2}{5}}}{0.07056Q^{\frac{2}{5}}} = 133.3\text{ft/ft}$$

Which are channel dimensions that were not observed during field visits at the Rio Mesa Solar site. Subsequently, the rectangular channel equations were modified to reflect dimensions representative of the channel dimensions observed onsite. The modification is performed by referencing Manning's open channel equation, and re-arranging it as a function of flow rate (Q) for both width and depth. The equation modification derivation is shown below:

$$Q = \frac{1.49}{n} AR^{\frac{2}{3}}S^{\frac{1}{2}}$$

Where Flow Area, "A"

$$A = wd$$

And Hydraulic Radius, "R"

$$R = \frac{A}{w + 2d}$$

REFERENCE MATERIAL

Assuming that shallow flow in rectangular channel, hydraulic radius can be simplified by ignoring the "2d" term of wetted perimeter

$$R = \frac{A}{w + \cancel{2d}} = \frac{\cancel{w}d}{\cancel{w}} = d$$

Plugging this back into Manning's equation yields:

$$Q = \frac{1.49}{n}(wd)d^{\frac{2}{3}}S^{\frac{1}{2}}$$

Which simplifies to:

$$Q = \frac{1.49}{n}wd^{\frac{5}{3}}S^{\frac{1}{2}}$$

The width to depth ratio, "a", of the representative channels impacting Rio Mesa Solar site is an average of 111 ft/ft per field investigations and HEC RAS analyses.

$$a = \frac{w}{d} = 111$$

Or

$$w = 111d$$

Or

$$d = \frac{w}{111}$$

Manning's equation in terms of "d", by substituting "a" into equation yields:

$$Q = \frac{1.49}{n}111d^{\frac{8}{3}}S^{\frac{1}{2}}$$

Solving for "d" yields:

$$d = \left[\left(\frac{n}{(1.49)(111)S^{\frac{1}{2}}}\right)Q\right]^{\frac{3}{8}}$$

Plugging average slope, "S", of 0.014 ft/ft, "n" value of 0.035, further simplifies equation to:

$$d = 0.0939Q^{\frac{3}{8}}$$

REFERENCE MATERIAL

Likewise, solving the simplified hydraulic radius Manning's equation in terms of width, "w"

$$Q = \frac{1.49}{n} w \left(\frac{w}{111}\right)^{\frac{5}{3}} S^{\frac{1}{2}}$$

Which simplifies to:

$$w = \left[Q \left(\frac{n 111^{\frac{5}{3}}}{1.49 S^{\frac{1}{2}}} \right) \right]^{\frac{3}{8}}$$

Plugging in average slope, "S", and "n" value of onsite channel yields:

$$w = 10.3516 Q^{\frac{3}{8}}$$

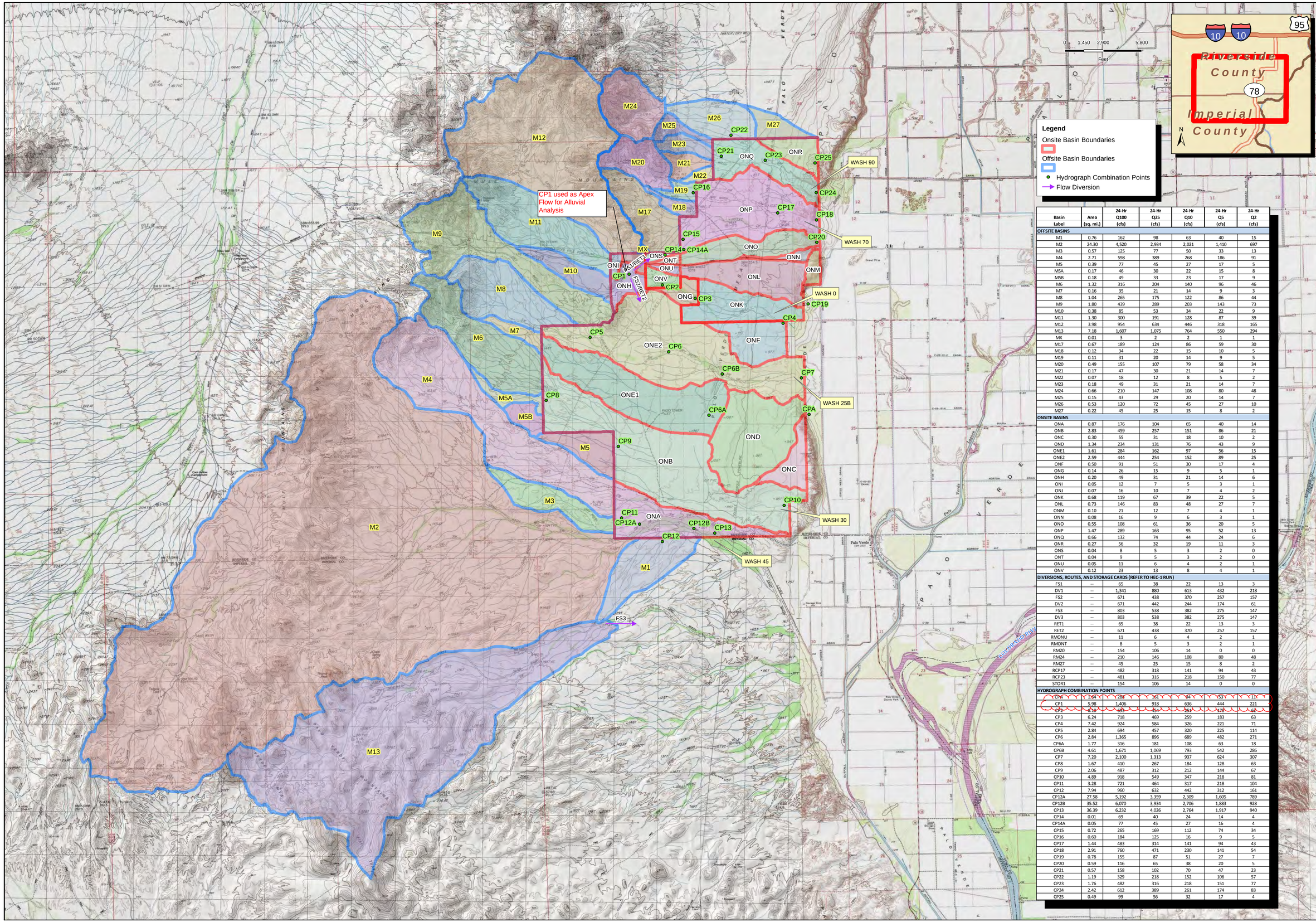
The ratio of width to depth, "a", obtained by dividing equations above (w/d) now represent the average channel dimensions observed onsite of 111 ft/ft.

Plugging in the discharge "Q" estimated from tributary apex flow at hydrograph combination point CP1 (referenced from Rio Mesa Solar Existing Condition Basin Map Figure 7323HYD100) during the 24Hr, Q100 event is 1,406-cfs, which yields a depth of:

$$d = 0.0939(1406)^{\frac{3}{8}} = 1.42 ft$$

This is interpreted as the potential general scour for the onsite area.

REFERENCE MATERIAL



Basin Label	Area (sq. mi.)	24-Hr Q100 (cfs)	24-Hr Q25 (cfs)	24-Hr Q10 (cfs)	24-Hr Q5 (cfs)	24-Hr Q2 (cfs)
OFFSITE BASINS						
M1	0.76	162	98	63	40	15
M2	24.30	4,520	2,934	2,021	1,410	697
M3	0.57	125	77	50	33	13
M4	2.71	598	389	268	186	91
M5	0.39	77	45	27	17	5
M5A	0.17	46	30	22	15	8
M5B	0.18	49	33	23	17	9
M6	1.32	316	204	140	96	46
M7	0.16	35	21	14	9	3
M8	1.04	265	175	122	86	44
M9	1.80	439	289	203	143	73
M10	0.38	85	53	34	22	9
M11	1.30	300	191	128	87	39
M12	3.98	954	634	446	318	165
M13	7.18	1,607	1,075	764	550	294
MX	0.01	3	2	2	1	1
M17	0.67	189	124	86	59	30
M18	0.12	34	22	15	10	5
M19	0.11	31	20	14	9	5
M20	0.49	155	107	79	58	34
M21	0.17	47	30	21	14	7
M22	0.07	18	12	8	5	2
M23	0.18	49	31	21	14	7
M24	0.66	210	147	108	80	48
M25	0.15	43	29	20	14	7
M26	0.53	120	72	45	27	10
M27	0.22	45	25	15	8	2
ONSITE BASINS						
ONA	0.87	176	104	65	40	14
ONB	2.83	459	257	151	86	21
ONC	0.30	55	31	18	10	2
OND	1.34	234	131	76	43	9
ONE1	1.61	284	162	97	56	15
ONE2	2.59	444	254	152	89	25
ONF	0.50	91	51	30	17	4
ONG	0.14	26	15	9	5	1
ONH	0.20	49	31	21	14	6
ONI	0.05	12	7	5	3	1
ONJ	0.07	16	10	7	4	2
ONK	0.68	119	67	39	22	5
ONL	0.73	146	83	48	27	7
ONM	0.10	21	12	7	4	1
ONN	0.08	16	9	6	3	1
ONO	0.55	108	61	36	20	5
ONP	1.47	289	163	95	52	13
ONQ	0.66	132	74	44	24	6
ONR	0.27	56	32	19	11	3
ONS	0.04	8	5	3	2	0
ONT	0.04	9	5	3	2	0
ONU	0.05	11	6	4	2	1
ONV	0.12	23	13	8	4	1
DIVERSIONS, ROUTES, AND STORAGE CARDS (REFER TO HEC-1 RUN)						
FS1	--	65	38	22	13	3
DV1	--	1,341	880	613	432	218
FS2	--	671	438	370	257	157
DV2	--	671	442	244	174	61
FS3	--	803	538	382	275	147
DV3	--	803	538	382	275	147
RET1	--	65	38	22	13	3
RET2	--	671	438	370	257	157
RMONU	--	11	6	4	2	1
RMONT	--	8	5	3	2	1
RM20	--	154	106	14	0	0
RM24	--	210	146	108	80	48
RM27	--	45	25	15	8	2
RCP17	--	482	318	141	94	43
RCP23	--	481	316	218	150	77
STOR1	--	154	106	14	0	0
HYDROGRAPH COMBINATION POINTS						
CP4	1.64	228	161	94	53	11
CP1	5.98	1,406	918	636	444	221
CP2	6.10	1,425	934	645	450	224
CP3	6.24	718	469	259	183	63
CP4	7.42	924	584	326	221	71
CP5	2.84	694	457	320	225	114
CP6	2.84	1,365	896	689	482	271
CP6A	1.77	316	181	108	63	18
CP6B	4.61	1,671	1,069	793	542	286
CP7	7.20	2,100	1,313	937	624	307
CP8	1.67	410	267	184	128	63
CP9	2.06	487	312	212	144	67
CP10	4.89	918	549	347	218	81
CP11	3.28	721	464	317	218	104
CP12	7.94	960	632	442	312	161
CP12A	27.58	5,192	3,359	2,309	1,605	789
CP12B	35.52	6,070	3,934	2,706	1,883	928
CP13	36.39	6,232	4,026	2,764	1,917	940
CP14	0.01	69	40	24	14	4
CP14A	0.05	77	45	27	16	4
CP15	0.72	265	169	112	74	34
CP16	0.60	184	125	16	9	5
CP17	1.44	483	314	141	94	43
CP18	2.91	760	471	230	141	54
CP19	0.78	155	87	51	27	7
CP20	0.59	116	65	38	20	5
CP21	0.57	158	102	70	47	23
CP22	1.19	329	218	152	106	57
CP23	1.76	482	316	218	151	77
CP24	2.42	612	389	261	174	83
CP25	0.49	99	56	32	17	4

REV.	DATE	BY	REVISION
	6/29/11		Added Q divert arrows per Bechtel comments.
	7/5/11	RV	Rev. hydrology diversion/combining per latest FLO2D flows at x-sections.
	6/11/11	RV	Added additional aug. area offsite/onsite basins per 4/14/11 topo. Updated map mart topo. Includes additional parcel per TR 6/10/11.

RIVERSIDE COUNTY, CA

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Las Vegas, NV 89146
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www.vtnnv.com

DRAINAGE BASIN EXHIBIT

RIO MESA SOLAR

PROJECT NO: 7323
DRAWN BY: RV/LL
DATE: 7/5/2011
SCALE: 1 " = 3,000 '

REFERENCE MATERIAL

SHEET
7323HYD100

DATE: 7/5/2011 File: \\vtnnv.com\ds\mydocs\7323-BlytheSolar\Preliminary Site Investigation\GIS\MXD\7323-BasinExhibit.mxd By: mulv

BSE Document Control Number: 7323HYD300-FINAL

Values of K_T as a function of exceedance probability and the skew coefficient.

Skew Coeff., C_s	1.0101	1.0526	1.1111	1.2500	2	5	10	25	50	100	200
	Percent Chance										
	99	95	90	80	50	20	10	4	2	1	0.5
	Positive Skew										
3.0	−0.667	−0.665	−0.660	−0.636	−0.396	0.420	1.180	2.278	3.152	4.051	4.970
2.9	−0.690	−0.688	−0.681	−0.651	−0.390	0.440	1.195	2.277	3.134	4.013	4.909
2.8	−0.714	−0.711	−0.702	−0.666	−0.384	0.460	1.210	2.275	3.114	3.973	4.847
2.7	−0.740	−0.736	−0.724	−0.681	−0.376	0.479	1.224	2.272	3.093	3.932	4.783
2.6	−0.769	−0.762	−0.747	−0.696	−0.368	0.499	1.238	2.267	3.071	3.889	4.718
2.5	−0.799	−0.790	−0.771	−0.711	−0.360	0.518	1.250	2.262	3.048	3.845	4.652
2.4	−0.832	−0.819	−0.795	−0.725	−0.351	0.537	1.262	2.256	3.023	3.800	4.584
2.3	−0.867	−0.850	−0.819	−0.739	−0.341	0.555	1.274	2.248	2.997	3.753	4.515
2.2	−0.905	−0.882	−0.844	−0.752	−0.330	0.574	1.284	2.240	2.970	3.705	4.444
2.1	−0.946	−0.914	−0.869	−0.765	−0.319	0.592	1.294	2.230	2.942	3.656	4.372
2.0	−0.990	−0.949	−0.895	−0.777	−0.307	0.609	1.302	2.219	2.912	3.605	4.298
1.9	−1.037	−0.984	−0.920	−0.788	−0.294	0.627	1.310	2.207	2.881	3.553	4.223
1.8	−1.087	−1.020	−0.945	−0.799	−0.282	0.643	1.318	2.193	2.848	3.499	4.147
1.7	−1.140	−1.056	−0.970	−0.808	−0.268	0.660	1.324	2.179	2.815	3.444	4.069
1.6	−1.197	−1.093	−0.994	−0.817	−0.254	0.675	1.329	2.163	2.780	3.388	3.990
1.5	−1.256	−1.131	−1.018	−0.825	−0.240	0.690	1.333	2.146	2.743	3.330	3.910
1.4	−1.318	−1.168	−1.041	−0.832	−0.225	0.705	1.337	2.128	2.706	3.271	3.828
1.3	−1.383	−1.206	−1.064	−0.838	−0.210	0.719	1.339	2.108	2.666	3.211	3.745
1.2	−1.449	−1.243	−1.086	−0.844	−0.195	0.732	1.340	2.087	2.626	3.149	3.661
1.1	−1.518	−1.280	−1.107	−0.848	−0.180	0.745	1.341	2.066	2.585	3.087	3.575
1.0	−1.588	−1.317	−1.128	−0.852	−0.164	0.758	1.340	2.043	2.542	3.022	3.489
.9	−1.660	−1.353	−1.147	−0.854	−0.148	0.769	1.339	2.018	2.498	2.957	3.401
.8	−1.733	−1.388	−1.166	−0.856	−0.132	0.780	1.336	1.993	2.453	2.891	3.312
.7	−1.806	−1.423	−1.183	−0.857	−0.116	0.790	1.333	1.967	2.407	2.824	3.223
.6	−1.880	−1.458	−1.200	−0.857	−0.099	0.800	1.328	1.939	2.359	2.755	3.132
.5	−1.955	−1.491	−1.216	−0.856	−0.083	0.808	1.323	1.910	2.311	2.686	3.041
.3	−2.029	−1.524	−1.231	−0.855	−0.066	0.816	1.317	1.880	2.261	2.615	2.949
.3	−2.104	−1.555	−1.245	−0.853	−0.050	0.824	1.309	1.849	2.211	2.544	2.856
.2	−2.178	−1.586	−1.258	−0.850	−0.033	0.830	1.301	1.818	2.159	2.472	2.763
.1	−2.252	−1.616	−1.270	−0.846	−0.017	0.836	1.292	1.785	2.107	2.400	2.670
.0	−2.326	−1.645	−1.282	−0.842	0	0.842	1.282	1.751	2.054	2.326	2.576
	Negative Skew										
− .1	−2.400	−1.673	−1.292	−0.836	0.017	0.846	1.270	1.716	2.000	2.252	2.482
− .2	−2.472	−1.700	−1.301	−0.830	0.033	0.850	1.258	1.680	1.945	2.178	2.388
− .3	−2.544	−1.726	−1.309	−0.824	0.050	0.853	1.245	1.643	1.890	2.104	2.294
− .4	−2.615	−1.750	−1.317	−0.816	0.066	0.855	1.231	1.606	1.834	2.029	2.201
− .5	−2.686	−1.774	−1.323	−0.808	0.083	0.856	1.216	1.567	1.777	1.955	2.108
− .6	−2.755	−1.797	−1.328	−0.800	0.099	0.857	1.200	1.528	1.720	1.880	2.016
− .7	−2.824	−1.819	−1.333	−0.790	0.116	0.857	1.183	1.488	1.663	1.806	1.926
− .8	−2.891	−1.839	−1.336	−0.780	0.132	0.856	1.166	1.448	1.606	1.733	1.837
− .9	−2.957	−1.858	−1.339	−0.769	0.148	0.854	1.147	1.407	1.549	1.660	1.749
−1.0	−3.022	−1.877	−1.340	−0.758	0.164	0.852	1.128	1.366	1.492	1.588	1.664
−1.1	−3.087	−1.894	−1.341	−0.745	0.180	0.848	1.107	1.324	1.435	1.518	1.581
−1.2	−3.149	−1.910	−1.340	−0.732	0.195	0.844	1.086	1.282	1.379	1.449	1.501
−1.3	−3.211	−1.925	−1.339	−0.719	0.210	0.838	1.064	1.240	1.324	1.383	1.424
−1.4	−3.271	−1.938	−1.337	−0.705	0.225	0.832	1.041	1.198	1.270	1.318	1.351
−1.5	−3.330	−1.951	−1.333	−0.690	0.240	0.825	1.018	1.157	1.217	1.256	1.282
−1.6	−3.388	−1.962	−1.329	−0.675	0.254	0.817	0.994	1.116	1.166	1.197	1.216
−1.7	−3.444	−1.972	−1.324	−0.660	0.268	0.808	0.970	1.075	1.116	1.140	1.155
−1.8	−3.499	−1.981	−1.318	−0.643	0.282	0.799	0.945	1.035	1.069	1.087	1.097
−1.9	−3.553	−1.989	−1.310	−0.627	0.294	0.788	0.920	0.996	1.023	1.037	1.044
−2.0	−3.605	−1.996	−1.302	−0.609	0.307	0.777	0.895	0.959	0.980	0.990	0.995
−2.1	−3.656	−2.001	−1.294	−0.592	0.319	0.765	0.869	0.923	0.939	0.946	0.949
−2.2	−3.705	−2.006	−1.284	−0.574	0.330	0.752	0.844	0.888	0.900	0.905	0.907
−2.3	−3.753	−2.009	−1.274	−0.555	0.341	0.739	0.819	0.855	0.864	0.867	0.869
−2.4	−3.800	−2.011	−1.262	−0.537	0.351	0.725	0.795	0.823	0.830	0.832	0.833
−2.5	−3.845	−2.012	−1.250	−0.518	0.360	0.711	0.771	0.793	0.798	0.799	0.800
−2.6	−3.889	−2.013	−1.238	−0.499	0.368	0.696	0.747	0.764	0.768	0.769	0.769
−2.7	−3.932	−2.012	−1.224	−0.479	0.376	0.681	0.724	0.738	0.740	0.740	0.741
−2.8	−3.973	−2.010	−1.210	−0.460	0.384	0.666	0.702	0.712	0.714	0.714	0.714
−2.9	−4.013	−2.007	−1.195	−0.440	0.390	0.651	0.681	0.683	0.689	0.690	0.690
−3.0	−4.051	−2.003	−1.180	−0.420	0.396	0.636	0.660	0.666	0.666	0.667	0.667

Source: After *Water Resources Council, Bulletin No. 15,* December 1967.

BSE Document Control Number: 7323HYD300-FINAL

Design of Flood Protection for Transportation Alignments on Alluvial Fans

By Richard H. French,[1] Member ASCE

Abstract: The method of floodplain delineation on alluvial fans developed for the National Flood Insurance Program (NFIP) may be modified to provide estimates of peak flood flows of specified return periods at transportation alignments, such as aqueducts or railroads, crossing alluvial fans. The modified methodology divides the total length of the alignment into segments, and the peak flow expected in each segment during a flood event is estimated as a function of the return period of the event, the segment length, and the location of the alignment on the alluvial fan. This estimate of the peak flow can be used to properly size the facilities such as dikes, berms, and culverts to protect the alignment from flood damage. The proposed methodology has potential applications in any environment where transportation alignments must cross alluvial fans on which the hydraulic processes are similar to those for which the NFIP methodology was developed. An example of the use of this methodology is provided.

Introduction

It is generally recognized that the design of flood-control facilities in the arid and semiarid western United States is often more difficult than in the more humid areas of the country for a number of reasons. First, the traditional methods of flood frequency analysis using historic stream flow records are generally not applicable because of a lack of data and the highly episodic nature of flood events in the desert environment. Second, precipitation records are generally short, the gaging stations poorly distributed, and the records available often erratic and unreliable. Therefore, the use of precipitation-driven watershed models in the arid environment yield estimates of flood hydrographs with a greater degree of variability than similar hydrographs in other regions. Furthermore, there are usually not sufficient data to either fully calibrate or validate the watershed models used. Third, sediment transport is a more serious consideration in the arid environment than in humid areas. Fourth, in the alluvial fan environment, which is a significant portion of the area in the southwestern United States, the channels are neither well defined nor stable.

A methodology was developed to identify flood hazard zones on alluvial fans, by Dawdy (1979), for the National Flood Insurance Program (NFIP). In its intended application, this methodology defines the boundaries of the flood hazard zones but provides minimal information to the hydraulic engineer for the design of drainage protection. An extensive review of the literature, French et al. (1991), also revealed that there is minimal guidance regarding the design of drainage protection for transportation systems crossing alluvial fans.

In this paper, the Federal Emergency Management Agency (FEMA) method of delineating floodplains on alluvial fans is modified and used to estimate peak flood flows at transportation alignments, such as aqueducts and railroads, crossing alluvial fans. The total length of the alignment is divided into segments, and the peak flow expected in each segment during a flood event is estimated as a function of the return period of the event, the segment length, and the location of the alignment on the alluvial fan. The proposed methodology has potential applications in any environment where transportation alignments must cross alluvial fans on which the hydraulic processes are similar to those for which the FEMA alluvial fan methodology was developed.

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Background

From a geomorphologic viewpoint, an alluvial fan is a triangular or fan-shaped deposit of boulders, gravel, and finer sediment found at the base of desert mountain slopes deposited by intermittent streams as they debouch onto the valley floor (Stone 1967). There are many other definitions of alluvial fans; for example, FEMA (Federal Register 1989) stated the following definition:

> "Alluvial fans are geomorphic features characterized by cone- or fan-shaped deposits of boulders, gravel, sand, and fine sediments that have been eroded from mountain slopes, transported by floodwater draining upstream watersheds, and then deposited on the adjacent valley floor. . . . flooding that occurs on active alluvial fans is characterized by fast-moving debris and sediment laden shallow flows. The paths followed by these flows are prone to lateral migration and sudden relocation to other portions of the fan. In addition, these fast moving flows present hazards associated with erosion, debris flow, and sediment transport."

Bull (1968) noted that no single criterion should be used to define an alluvial fan. From the viewpoint of hydraulic engineering, the focus of the definition of alluvial fan should be the processes that formed and continue to modify the fan, or fan-like landform, rather than a description of the landform itself. If such a viewpoint is adopted, then an alluvial fan should exhibit the following characteristics. First, the surface must be a feature on which deposition and erosion are active processes on an engineering, as opposed to a geologic, time scale. Surface activity is a primary characteristic, since stable incision of a channel on an alluvial fan surface can result in portions of the surface being abandoned and thus becoming inactive. Channel incision may also result in the effective apex of the fan being moved down the fan. Over any reasonable time scale (engineering or geologic), an alluvial fan must, on the average, be an aggradational feature, in both time and space. However, at specific location during a specific period of time erosion may be taking place.

Second, there should be a defined apex that is the highest point on the active surface where the stream that forms the surface emerges from either the mountain front or from an area on the surface where the channel is stably incised.

Third, the primary slope of the surface is in the radial direction, Fig. 1, with small slopes in the transverse directions. In the case of fans in the United States, the radial slope should, in general, range between 0.0087 ft/ft and 0.14 ft/ft (Anstey 1965).

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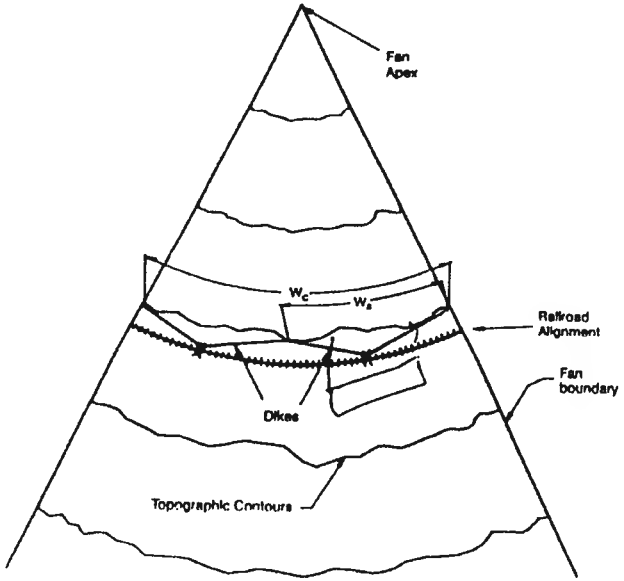

FIG. 1. Schematic Definition of Idealized Alluvial Fan and Proposed Railroad Alignment Crossing Fan. Topographic Contours Shown, Schematically, are Equally Spaced

Fourth, channels on the fan surface are poorly defined and are not stably entrenched. Flood flows on the fan surface will cut their own channels through the existing alluvial material by bottom scour and channel side-wall erosion; and these channels, during either a single event or over a series of flood events, will migrate across the surface (Dawdy 1979). Therefore, the location of the channel on an alluvial fan surface is random.

Development of Methodology

As described elsewhere, Dawdy (1979), Mifflin (1988), and French (1987), because the location of the channel on an alluvial fan is hypothesized to migrate during a single event or over a series of events, FEMA developed a stochastic methodology to assess flood hazard on alluvial fans. This stochastic methodology takes into account the hydraulic and geomorphologic processes that formed the surface and continue to modify it; that is, channel migration is essential if a symmetric landform is to be developed. In the following paragraphs, the equations composing the FEMA methodology are briefly developed; for a more detailed development, the reader is referred to Dawdy (1979) or FEMA (Fan 1990).

Let H be a random variable that has the following meaning for discrete points on an alluvial fan

$$H = \begin{cases} 1, \text{ if the point is flooded} \\ 0, \text{ if the point is not flooded} \end{cases}$$

Let Q be a second random variable that is the peak flood flow rate resulting from a precipitation event of a known return period occurring in the upstream watershed. If $f(q)$ is the probability density function (PDF) of Q, then the probability of a point being flooded during an event with a peak flow rate of at least q_n is

$$P(H = 1) = \int_{q_n}^{\infty} P_{H|Q}(1,q) f(q)\, dq \quad \ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots (1)$$

where $P_{H|Q}(1,q)$ = the probability of the point of interest being flooded given that the peak flood discharge is q_n. The PDF of Q is generally assumed to be log-Pearson type III (LP3) (Dawdy 1979), which is a log-normal distribution when the LP3 skew coefficient is zero. In this development, the skew coefficient will be assumed to be zero, for notational convenience and brevity, with the understanding that a similar development can be performed in the case where the LP3 skew coefficient is nonzero. When $f(q)$ is assumed to be described by an LP3 distribution and the skew coefficient is zero, Eq. (1) becomes

$$P(H = 1) = \frac{1}{T} = \int_{y_T}^{\infty} P_{H|Q}(1,q) \frac{\exp\left[\dfrac{-0.5(y - \mu)^2}{\sigma^2}\right]}{\sigma\sqrt{2\pi}}\, dy \quad \ldots\ldots\ldots (2)$$

where $y_T = \log_{10}(q_T)$; q_T = peak flood flow with a return period of T years; μ = mean value; and σ = standard deviation of the PDF of Q.

Since FEMA must delineate areas of flood hazard on alluvial fans for the NFIP, the original FEMA methodology estimated the probability of hazard at points on the alluvial fan. As noted by French and Lombardo (1984) and Mifflin (1988), when the facility of interest has finite size, the floodplain delineation methodology must be modified. In the case of a transportation alignment crossing an alluvial fan, the facility has a finite length; and in many cases, the alignment would extend completely across the alluvial fan (Fig. 1). In such cases, one drainage design approach is to subdivide the total alignment length into segments and provide adequate facilities (dikes, berms, culverts) in each segment to pass the flow under the alignment in the case of railroads and highways and over or under the alignment in the case of canals. If the length of a drainage design segment is W_s and the width of the fan contour at the location of the alignment is W_c, then a simple equation quantifying $P_{H|Q}(1,q)$ is

$$P_{H|Q}(1,q) = \frac{w + W_s}{W_c} \quad \ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots (3)$$

where w = width of the channel cut by the flood flow crossing the fan and subject to $(w + W_s) \leq W_c$. Eq. (3) tacitly assumes that there are not preferred directions of flow on an alluvial fan surface, and having taken the size of the facility into account, the probability of flooding along a topographic contour is uniform. Other equations quantifying $P_{H|Q}(1,q)$ could be hypothesized; however, given the available data, more complex forms are not currently justified.

Based on limited field observations, Magura and Wood (1980) asserted that alluvial fan channels stabilize at a point where a decrease in the depth of flow results in a 200-fold increase in width. This assumption, combined

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with the assumption that during flood events flow in these channels occurs at critical depth (Dawdy 1979), yields an equation, in English units, for the width of the channel or

$$w = 9.41q^{0.4} \quad \text{SINGLE CHANNEL} \quad \ldots\ldots (4)$$

Other assumptions can be made regarding the width of the channel cut through the alluvium; see for example, Edwards and Thielman (1984).

Additional field observations, DMA (*Alluvial Fan* 1985) or French (1987), resulted in the hypothesis that near the apex of the fan, flood flows are confined to a single channel, and at some point down the fan from the apex, the flood flow is conveyed in multiple channels. In Fig. 2, the radial distance from the apex of the alluvial fan to the point on the fan where the single channel branches into multiple channels is plotted as a function of the ratio of the slope of the canyon upstream of the apex to the slope of the fan. In the multiple channel region of the alluvial fan, limited field observations suggest that the aggregate width of the channels is 3.8 times the width estimated by (4), French (1987), or FEMA (*Fan* 1990). Therefore, in the multiple channel area

$$w = 35.8q^{0.4} \quad \text{MULTIPLE CHANNELS} \quad \ldots\ldots (5)$$

Substitution of (3) in (2) yields

$$\frac{1}{I} = \int_{y_T}^{\infty} \left(\frac{w + W_s}{W_c}\right) \frac{\exp\left[\frac{-0.5(y-\mu)^2}{\sigma^2}\right]}{\sigma\sqrt{2\pi}}\, dy \quad \ldots\ldots (6)$$

Substitution of either (4) or (5) in (6) yields after manipulation

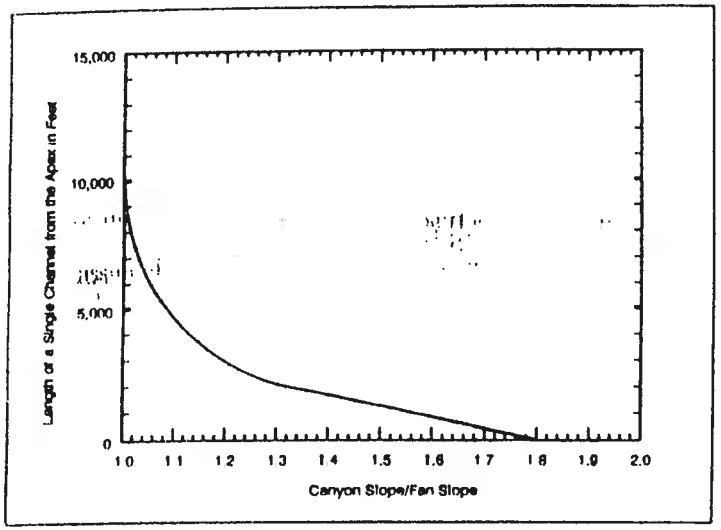

FIG. 2. **Relationship between Length of Single Channel and Ratio of Canyon Slope to Fan Slope ("Flood Insurance" 1985)**

$$\frac{1}{T} = \frac{ACB}{W_c}\int_{y_T}^{\infty} \frac{\exp\left[\frac{-0.5(y-\mu')^2}{\sigma^2}\right]}{\sigma\sqrt{2\pi}}\, dy + \frac{W_s}{W_c}\int_{y_T}^{\infty} \frac{\exp\left[\frac{-0.5(y-\mu)^2}{\sigma^2}\right]}{\sigma\sqrt{2\pi}}\, dy \quad \ldots\ldots (7)$$

DESIRED SOLN.

$y_T = \log_{10}(q_T)$

where

$C = \exp(0.92\,\mu + 0.42\,\sigma^2)$

$\mu' = \mu + 0.92\,\sigma^2$

and $\beta = 9.41$ in the single channel region and $\beta = 35.8$ in the multiple channel region. The coefficient A in (7) is the avulsion coefficient that takes into account that during a flood event the flow may abandon one channel and either follow or form a new channel. An avulsion can result from the sudden deposition of sediment and/or debris with the flow then overtopping the channel banks or by erosion of the banks. If the probability of an avulsion occurring in any one event is 0.5, A would have a value of 1.5.

On the right-hand side of (7), the first term is the probability of a point on the alluvial fan contour of length W_c, Fig. 1, being flooded, on the average every T years; and the second term is the probability of the flow rate q_T being equaled or exceeded at the apex of the fan. The integral in the first term is a transformed log-normal PDF, and the integral in the second term is an untransformed log-normal PDF. Values of the log-normal and LP3 deviates are tabled in WRC (*Guidelines for* 1981) as a function of the skew coefficient and exceedance probability. The form of (7) masks the fact that it is only valid when $(w + W_s) \leq W_c$ in (3).

Application

In Fig. 1, a hypothetical railroad alignment is shown crossing an idealized alluvial fan. This alignment nearly parallels an alluvial fan contour, which, given the grade limitations on railroads, is realistic. Similar grade limitations also apply to irrigation and water-supply aqueducts crossing alluvial fans; and therefore, this example is equally applicable to the design of drainage protection for aqueducts crossing alluvial fans. The length of the alluvial fan contour (W_c) at the elevation of the proposed crossing is approximately 3,000 ft (910 m).

In the first section of this paper, a number of difficulties associated with estimating flood flows in the arid southwestern environment were enumerated. A typical approach to this problem is to use a watershed rainfall-runoff model, such as HEC-1, in the watershed above the fan apex to predict peak flows at the apex of the alluvial fan; see for example, Burkham (1988). The input to the watershed model would be regional analyses of precipitation such as Miller et al. (1973) or the results of local studies such as Clark County Regional Flood Control District (CCRFCD) (*Hydrologic Criteria* 1990). The estimated peak flood flow rates are then used with the equations provided by WRC ("Guidelines for" 1981) or Dawdy (1979) to estimate the LP3 mean, standard deviation, and skew coefficient required for the

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analysis described previously. In general, the skew coefficient for watersheds in the arid southwest should have a value near zero; see for example, the generalized skew coefficient data provided by WRC ("Guidelines for" 1981).

For the purposes of the example problem; it is assumed that commonly accepted rainfall-runoff modeling of the watershed above the fan has resulted in the following estimates of the LP3 parameters: $\mu = 2.06$, $\sigma = 0.496$, and $G = 0$ where G is the skew coefficient. The values of the parameters for the transformed log-normal PDF, the first term in (7), are $\mu' = 2.29$ and $C = 7.38$. If the avulsion coefficient is assumed to have a value of 1.5 ("Flood Insurance" 1985), which is a standard assumption lacking data to the contrary, then substitution of values in (7) yields

$$\frac{1}{T} = 0.035 \int_{y_T}^{\infty} \frac{\exp\left[\frac{-0.5(y - 2.29)^2}{0.496^2}\right]}{1.24}\, dy + \frac{W_s}{3{,}000} \int_{y_T}^{\infty} \frac{\exp\left[\frac{-0.5(y - 2.06)^2}{0.496^2}\right]}{1.24}\, dy \quad \ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots (8)$$

in the single channel region of the fan. In the multiple channel region of the fan, the coefficient preceding the integral in the first term would have a value of 0.13.

If the event return period, T, for which alignment protection is to be provided, is selected, then (8) can be solved for various values of W_s to estimate the peak flow rate q_T that can be expected to occur in a drainage segment every T years. For example, given the data provided and with T

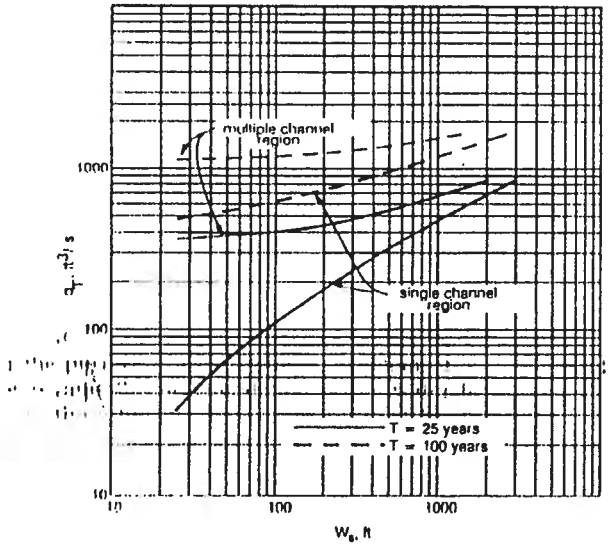

FIG. 3. Expected Flow at Alignment with Return Period of T-years, as Function of Length of Drainage Segment (0.305 m = 1 ft and 0.028 m³/s = 1 cu ft/sec)

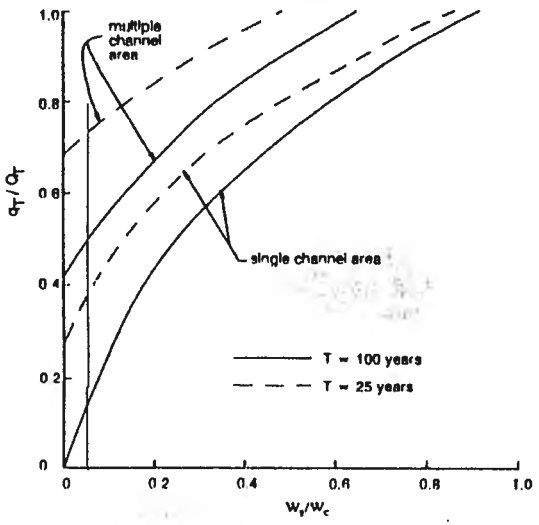

FIG. 4. Ratio of q_T/Q_T as Function of Ratio W_s/W_c

= 25 years and $W_s = 1{,}000$ ft (305 m), in the single channel region of the fan the first term = 0.007 and the second term = 0.033 when $q_T = 510$ cu ft/sec (14 m³/s). For these data, the left-hand side of (8) has a value of 0.04 and the right-hand side (the first and second terms) also has a value of approximately 0.04. Therefore, the estimated peak flood flow rate at the alignment with a return period of 25 years is 510 cu ft/sec (14 m³/s) when the drainage segment length is 1,000 ft (305 m).

In solving (8), care is required for two reasons. First, as noted previously, $(w + W_s) \leq W_c$. In (8), W_s is an explicit variable; however, the value of w is not obvious. Second, the flow rate q_T at the alignment cannot exceed the flow rate of the same return period at the apex of the fan, Q_T. Given the form of (8), these are not completely independent requirements.

In Fig. 3, q_T is plotted as a function of W_s for the hydrologic data provided; return period of 25 and 100 years; and an avulsion coefficient value of 1.5. For the hydrologic data provided, the LP3 estimated flow rates with return periods of 25 and 100 years are $Q_{25} = 850$ cu ft/sec (24 m³/s) and $Q_{100} = 1{,}640$ cu ft/sec (46 m³/s), respectively. In Fig. 3, the curves are terminated where $q_T = Q_T$; and at these points of curve termination the condition $(w + W_s) \leq W_c$ is also satisfied. In Fig. 4, the data presented in Fig. 3, in the range of valid solutions, are plotted in dimensionless form. In Fig. 5, q_T is plotted as a function of W_s for avulsion coefficient values of 1.0, 1.5, and 2.0. In Fig. 5, the return period is 25 years; and only the results for the single channel region of the fan are presented.

With regard to Figs. 3–5, the following observations are pertinent. First, q_T is the peak flood flow rate that will occur in a drainage segment of specified length on the average once every T-years. As W_s approaches W_c, q_T approaches Q_T, (Figs. 3 and 4). This is a reasonable result; that is, as the drainage segment length becomes large relative to the fan contour width, there is an increasing probability that the T-year event at the apex will strike it. Second, whether the alignment is in the single or multiple channel region of the alluvial fan, it has a significant effect on the value of q_T (Figs. 3 and

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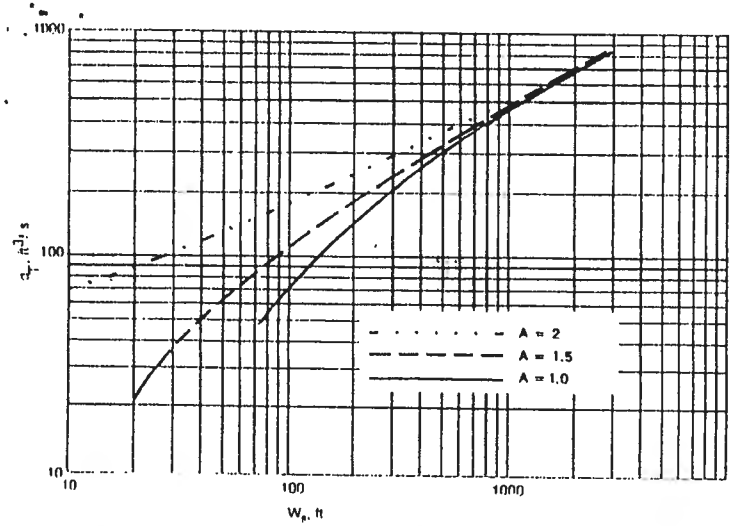

FIG. 5. q_T as Function of W_s for Various Values of A, Avulsion Coefficient. In this Figure, T = 25 years and Only Results for Single Channel Region of Fan are Presented (0.305 m = 1 ft and 0.028 m³/s = 1 cu ft/sec)

4) Third, the results for the multiple channel region of the fan are conservative since it is not certain that all of the multiple channels conveying the flood would impact the same drainage segment length. Fourth, the effect of the value of the avulsion coefficient on q_T is the most pronounced when W_s is small relative to W_c (Fig. 5). In (8), as W_s approaches W_c, the value of the second term becomes large relative to the first term; and therefore, the effect of the avulsion coefficient on the result becomes less.

Conclusion

The methodology developed and discussed in the previous sections of this paper is intended to provide discharge estimates as a function of return period that will allow drainage protection for transportation alignments crossing alluvial fans to be designed on a rational basis. The proposed methodology takes into account the hydraulic and geologic processes that formed and continue to modify alluvial fan surfaces and is a modification of the methodology used by FEMA to define floodplains on alluvial fans. Given that the proposed methodology is based on the FEMA methodology, it is subject to the same limitations. It must be admitted that the FEMA methodology is based on an incomplete and empirical understanding of the hydraulic processes on an alluvial fan and contains a number of assumptions that have not been validated. However, even given the limitations of the base methodology, the approach presented here provides a rational basis for sizing transportation drainage structures given the location of the alignment on the fan, the return period of the design event, and the drainage segment length.

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Appendix II. Notation

The following symbols are used in this paper:

A = avulsion coefficient;
C = computed coefficient;
$f(q)$ = probability density function of Q;

Appendix E:

Post-Construction FLO-2D Analysis Output

24-Hour, 100-Year SUMMARY.OUT

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

SIMULATION TIME (HOURS)	AVERAGE TIMESTEP (SECONDS)	VOLUME CONSERVATION (ACRE FEET)	PERCENT OF INFLOW
	SUMMARY.OUT FILE		
	CREATED WITH VERSION: 2009.06 BUILD NO. 09-11.07.06		
0.250	18.028	0.000000	0.000002
0.500	30.000	0.000000	0.000000
0.750	30.000	0.000000	0.000003
1.000	30.000	0.000000	0.000004
1.250	30.000	0.000000	0.000001
1.500	30.000	0.000000	0.000002
1.750	30.000	0.000000	0.000000
2.000	30.000	0.000000	0.000001
2.250	30.000	0.000000	0.000001
2.500	30.000	0.000001	0.000001
2.750	30.000	-0.000001	0.000002
3.000	30.000	-0.000001	0.000002
3.250	30.000	0.000004	0.000006
3.500	30.000	0.000001	0.000002
3.750	30.000	0.000003	0.000003
4.005	27.794	0.000003	0.000003
4.255	23.042	-0.000004	0.000003
4.502	22.292	-0.000004	0.000003
4.754	19.702	-0.000001	0.000000
5.005	18.403	0.000001	0.000001
5.252	15.103	-0.000006	0.000003
5.500	12.934	0.000003	0.000001
5.751	11.161	-0.000008	0.000003
6.001	9.872	-0.000007	0.000002
6.250	8.714	0.000010	0.000003
6.500	8.045	-0.000008	0.000002
6.750	7.553	0.000014	0.000004
7.002	6.970	0.000004	0.000001
7.250	6.581	0.000008	0.000002
7.502	6.279	0.000001	0.000000
7.751	5.900	-0.000028	0.000005
8.000	5.046	-0.000001	0.000000
8.250	4.660	0.000014	0.000002
8.500	4.314	0.000030	0.000004
8.751	3.837	0.000009	0.000001
9.000	3.652	-0.000018	0.000002
9.250	3.468	-0.000006	0.000001
9.501	3.304	0.000013	0.000001
9.750	2.184	-0.000032	0.000003
10.000	1.637	0.000023	0.000002
10.250	1.491	-0.000022	0.000002
10.500	1.200	-0.000034	0.000002
10.750	1.070	0.000049	0.000003
11.000	1.070	-0.000029	0.000002
11.250	1.206	-0.000002	0.000000
11.500	1.447	-0.000030	0.000001
11.750	2.230	0.000021	0.000001
12.000	2.449	-0.000058	0.000002
12.250	1.535	-0.000058	0.000002
12.500	1.235	-0.000111	0.000004
12.750	1.225	0.000013	0.000000
13.000	1.203	-0.000015	0.000000
13.250	1.196	0.000079	0.000002
13.500	1.153	-0.000077	0.000002
13.750	1.144	-0.000239	0.000006
14.000	1.160	-0.000074	0.000002
14.250	1.163	0.000016	0.000000
14.500	1.178	-0.000117	0.000002
14.750	1.121	-0.000013	0.000000
15.000	1.141	-0.000107	0.000002
15.250	1.126	0.000034	0.000001
15.500	1.054	-0.000313	0.000005
15.750	1.019	-0.000119	0.000002
16.000	1.109	-0.000296	0.000005
16.250	1.096	0.000079	0.000001
16.500	1.132	-0.000015	0.000000
16.750	1.135	-0.000203	0.000003
17.000	1.151	0.000147	0.000002
17.250	1.049	-0.000056	0.000001
17.500	1.191	0.000068	0.000001
17.750	1.143	0.000136	0.000002
18.000	1.258	0.000059	0.000001
18.250	2.161	0.000165	0.000002
18.500	2.405	-0.000032	0.000000
18.750	2.075	0.000481	0.000006
19.000	1.996	0.000001	0.000000
19.250	2.116	-0.000170	0.000002
19.500	2.132	0.000032	0.000000
19.750	2.204	-0.000052	0.000001
20.000	2.249	-0.000299	0.000004
20.250	2.319	-0.000293	0.000004
20.500	2.219	-0.000361	0.000005
20.750	2.294	0.000135	0.000002
21.000	2.429	0.000319	0.000004
21.250	2.455	0.000134	0.000002
21.500	2.380	-0.000449	0.000006
21.750	2.378	0.000159	0.000002
22.000	2.306	-0.000090	0.000001
22.250	2.406	-0.000250	0.000003
22.500	2.419	0.000076	0.000001
22.750	2.481	0.000045	0.000001
23.000	2.447	-0.000183	0.000002
23.250	2.550	0.000298	0.000004
23.501	2.502	0.000548	0.000007
23.750	2.508	-0.000129	0.000002
24.000	2.440	0.000169	0.000002
24.250	2.455	0.000077	0.000001

24.500	2.577	0.000129	0.000002
24.750	2.520	0.000193	0.000002
25.000	2.526	-0.000213	0.000003
25.250	2.738	-0.000014	0.000000
25.500	2.695	0.000070	0.000001
25.751	2.715	0.000148	0.000002
26.001	2.743	-0.000078	0.000001
26.251	2.718	-0.000247	0.000003
26.500	2.767	0.000031	0.000000
26.751	2.790	-0.000092	0.000001
27.001	2.813	-0.000332	0.000004
27.251	2.768	0.000489	0.000006
27.500	2.816	0.000218	0.000003
27.751	2.837	0.000058	0.000001
28.000	2.773	0.000323	0.000004
28.250	2.841	0.000381	0.000004
28.500	2.845	-0.000020	0.000000
28.750	2.856	-0.000028	0.000000
29.001	2.861	-0.000006	0.000000
29.250	2.856	0.000243	0.000003
29.501	2.859	-0.000184	0.000002
29.750	2.873	0.000158	0.000002
30.000	2.864	-0.000003	0.000000
30.250	2.869	-0.000111	0.000001
30.500	2.882	0.000231	0.000003
30.750	2.875	0.000089	0.000001
31.000	2.879	0.000163	0.000002
31.250	2.881	0.000148	0.000002
31.500	2.886	0.000162	0.000002
31.750	2.887	0.000125	0.000001
32.001	2.886	0.000305	0.000004
32.250	2.891	-0.000048	0.000001
32.501	2.888	0.000423	0.000005
32.750	2.893	-0.000016	0.000000
33.000	2.907	-0.000343	0.000004
33.250	2.899	-0.000230	0.000003
33.500	2.903	0.000163	0.000002
33.750	2.911	0.000138	0.000002
34.000	2.905	0.000485	0.000006
34.251	2.906	0.000190	0.000002
34.501	2.916	-0.000151	0.000002
34.751	2.911	-0.000201	0.000002
35.001	2.911	-0.000281	0.000003
35.250	2.919	0.000177	0.000002
35.501	2.918	0.000209	0.000002
35.751	2.921	-0.000041	0.000000
36.000	2.928	0.000229	0.000003
36.251	2.923	0.000150	0.000002
36.500	2.930	-0.000067	0.000001
36.751	2.926	-0.000181	0.000002
37.000	2.938	-0.000166	0.000002
37.251	2.944	0.000066	0.000001
37.501	2.949	0.000300	0.000003
37.751	2.950	0.000131	0.000002
38.001	2.951	0.000172	0.000002
38.250	2.957	-0.000250	0.000003
38.500	2.961	-0.000050	0.000001
38.750	2.959	-0.000123	0.000001
39.000	2.964	0.000086	0.000001
39.250	2.959	0.000176	0.000002
39.500	2.979	0.000030	0.000000
39.750	2.973	0.000333	0.000004
40.001	2.982	-0.000109	0.000001
40.250	2.985	0.000048	0.000001
40.500	2.983	-0.000001	0.000000
40.751	2.991	0.000228	0.000003
41.000	2.995	-0.000300	0.000003
41.250	2.989	-0.000138	0.000002
41.501	2.998	0.000173	0.000002
41.751	3.009	0.000383	0.000004
42.001	3.001	0.000191	0.000002
42.251	3.010	0.000371	0.000004
42.501	3.013	0.000025	0.000000
42.750	3.003	-0.000102	0.000001
43.001	3.014	0.000237	0.000003
43.250	3.019	-0.000065	0.000001
43.501	3.020	-0.000202	0.000002
43.751	3.022	0.000080	0.000001
44.000	3.025	0.000066	0.000001
44.251	3.034	0.000091	0.000001
44.500	3.036	0.000511	0.000006
44.751	3.037	-0.000006	0.000000
45.001	3.043	0.000242	0.000003
45.250	3.053	-0.000087	0.000001
45.501	3.048	-0.000248	0.000003
45.751	3.053	0.000397	0.000005
46.000	3.052	-0.000122	0.000001
46.250	3.059	-0.000317	0.000004
46.500	3.061	0.000025	0.000000
46.750	3.064	0.000079	0.000001
47.000	3.071	-0.000284	0.000003
47.250	3.063	-0.000088	0.000001
47.500	3.079	-0.000497	0.000006
47.750	3.075	0.000411	0.000005
48.001	3.084	0.000004	0.000000
48.250	3.086	0.000293	0.000003
48.500	3.088	0.000274	0.000003
48.751	3.093	0.000259	0.000003
49.001	3.094	0.000023	0.000000
49.250	3.098	-0.000056	0.000001
49.500	3.094	-0.000150	0.000002
49.750	3.106	-0.000286	0.000003
50.000	3.114	-0.000068	0.000001
50.250	3.115	-0.000012	0.000000
50.501	3.116	0.000062	0.000001
50.750	3.123	0.000138	0.000002

51.000	3.133	-0.000060	0.000001
51.251	3.154	-0.000027	0.000000
51.500	3.151	0.000059	0.000001
51.750	3.161	-0.000397	0.000005
52.001	3.161	0.000428	0.000005
52.250	3.163	0.000086	0.000001
52.501	3.161	0.000118	0.000001
52.751	3.161	0.000303	0.000003
53.000	3.160	0.000220	0.000003
53.250	3.161	0.000375	0.000004
53.501	3.161	0.000466	0.000005
53.750	3.161	-0.000213	0.000002
54.000	3.161	-0.000098	0.000001
54.251	3.161	-0.000465	0.000005
54.501	3.161	0.000339	0.000004
54.750	3.161	0.000520	0.000006
55.001	3.161	-0.000203	0.000002
55.251	3.161	0.000360	0.000004
55.500	3.162	-0.000241	0.000003
55.751	3.161	-0.000140	0.000002
56.000	3.163	0.000220	0.000003
56.250	3.161	-0.000339	0.000004
56.501	3.161	-0.000037	0.000000
56.751	3.161	-0.000070	0.000001
57.000	3.160	-0.000296	0.000003
57.250	3.161	-0.000069	0.000001
57.501	3.161	0.000089	0.000001
57.750	3.161	0.000253	0.000003
58.000	3.161	0.000095	0.000001
58.251	3.161	0.000308	0.000004
58.500	3.161	-0.000072	0.000001
58.750	3.161	0.000206	0.000002
59.001	3.161	0.000181	0.000002
59.250	3.162	0.000081	0.000001
59.500	3.161	0.000479	0.000006
59.751	3.161	0.000098	0.000001
60.000	3.163	0.000173	0.000002
60.250	3.161	0.000129	0.000001
60.501	3.161	-0.000291	0.000003
60.751	3.161	0.000514	0.000006
61.000	3.160	0.000407	0.000005
61.251	3.161	-0.000206	0.000002
61.501	3.161	0.000160	0.000002
61.750	3.161	0.000167	0.000002
62.000	3.161	0.000303	0.000003
62.251	3.161	-0.000061	0.000001
62.500	3.161	0.000053	0.000001
62.750	3.161	0.000220	0.000003
63.001	3.161	0.000200	0.000002
63.250	3.162	0.000070	0.000001
63.500	3.161	-0.000141	0.000002
63.751	3.161	0.000018	0.000000
64.000	3.163	0.000370	0.000004
64.250	3.161	0.000080	0.000001
64.501	3.161	0.000046	0.000001
64.750	3.160	0.000468	0.000005
65.000	3.161	-0.000088	0.000001
65.251	3.161	-0.000057	0.000001
65.501	3.161	-0.000055	0.000001
65.750	3.161	0.000133	0.000002
66.000	3.161	0.000215	0.000002
66.251	3.161	0.000145	0.000002
66.500	3.161	0.000320	0.000004
66.750	3.161	-0.000248	0.000003
67.001	3.161	0.000104	0.000001
67.250	3.162	-0.000376	0.000004
67.500	3.161	0.000256	0.000003
67.751	3.161	0.000232	0.000003
68.000	3.163	0.000051	0.000001
68.251	3.161	0.000219	0.000003
68.501	3.161	-0.000188	0.000002
68.750	3.160	-0.000212	0.000002
69.000	3.161	0.000318	0.000004
69.251	3.161	0.000199	0.000002
69.501	3.161	-0.000137	0.000002
69.750	3.161	-0.000188	0.000002
70.001	3.161	-0.000026	0.000000
70.251	3.161	0.000029	0.000000
70.500	3.161	0.000078	0.000001
70.750	3.161	0.000093	0.000001
71.001	3.161	-0.000160	0.000002
71.250	3.162	0.000061	0.000001
71.500	3.161	-0.000480	0.000005
71.750	3.163	-0.000044	0.000001
72.000	3.161	0.000135	0.000002

MASS BALANCE INFLOW - OUTFLOW VOLUME

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

TOTAL POINT RAINFALL: 3.8700 INCHES

	WATER
RAINFALL VOLUME	3498.78
INFLOW HYDROGRAPH	5249.74
INFLOW HYDROGRAPHS + RAINFALL	8748.53

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

OVERLAND INFILTRATED AND INTERCEPTED WATER 1.81 INCHES

OVERLAND FLOW	WATER
WATER LOST TO INFILTRATION & INTERCEPTION	2093.50
FLOODPLAIN STORAGE	1339.87
FLOODPLAIN OUTFLOW HYDROGRAPH	5312.27
FLOODPLAIN OUTFLOW, INFILTRATION & STORAGE	8745.64

CHANNEL FLOW	
CHANNEL STORAGE	2.89
CHANNEL OUTFLOW	0.00
CHANNEL OUTFLOW AND STORAGE	2.89

*** TOTALS ***

TOTAL OUTFLOW FROM GRID SYSTEM	5312.27
TOTAL VOLUME OF OUTFLOW AND STORAGE	8748.53

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:	10544.09 ACRES
THE MAXIMUM WETTED FLOODPLAIN AREA IS:	10542.78 ACRES
THE MAXIMUM WETTED CHANNEL AREA IS:	1.31 ACRES

COMPUTER RUN TIME IS : 2.90527 HRS

THIS OUTPUT FILE WAS TERMINATED ON: 8/22/2011 AT: 18:14:36

BSE Document Control Number: 7323HYD300-FINAL

24-Hour, 25-Year SUMMARY.OUT

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

SIMULATION TIME (HOURS)	AVERAGE TIMESTEP (SECONDS)	VOLUME CONSERVATION (ACRE FEET)	PERCENT OF INFLOW
	SUMMARY.OUT FILE CREATED WITH VERSION: 2009.06 BUILD NO. 09-11.07.06		
0.250	18.028	0.000000	0.000003
0.500	30.000	0.000000	0.000001
0.750	30.000	0.000000	0.000002
1.000	30.000	0.000000	0.000001
1.250	30.000	0.000000	0.000003
1.500	30.000	0.000000	0.000003
1.750	30.000	0.000000	0.000002
2.000	30.000	0.000001	0.000003
2.250	30.000	-0.000001	0.000003
2.500	30.000	0.000001	0.000003
2.750	30.000	0.000000	0.000001
3.000	30.000	0.000000	0.000001
3.250	30.000	0.000000	0.000000
3.500	30.000	0.000000	0.000000
3.750	30.000	0.000002	0.000003
4.000	30.000	0.000000	0.000000
4.250	30.000	0.000002	0.000003
4.504	28.508	-0.000003	0.000003
4.755	23.188	0.000000	0.000000
5.001	21.592	-0.000004	0.000003
5.250	19.116	0.000004	0.000002
5.506	19.536	-0.000006	0.000003
5.753	16.171	0.000001	0.000001
6.002	13.801	-0.000005	0.000002
6.252	12.696	0.000002	0.000001
6.502	11.857	-0.000008	0.000003
6.751	10.913	0.000001	0.000000
7.002	10.253	0.000013	0.000004
7.251	9.058	-0.000015	0.000005
7.502	8.067	-0.000001	0.000000
7.752	7.311	-0.000008	0.000002
8.001	6.561	0.000004	0.000001
8.250	6.358	0.000009	0.000002
8.500	6.078	0.000007	0.000001
8.750	5.328	0.000026	0.000005
9.001	4.956	-0.000020	0.000003
9.250	4.753	0.000015	0.000002
9.501	4.241	-0.000007	0.000001
9.751	3.796	-0.000013	0.000002
10.001	3.695	-0.000019	0.000002
10.251	3.547	-0.000008	0.000001
10.500	3.455	-0.000022	0.000002
10.751	3.303	-0.000051	0.000005
11.000	2.459	-0.000019	0.000002
11.250	1.730	-0.000018	0.000001
11.500	1.575	-0.000065	0.000005
11.750	1.383	0.000003	0.000000
12.000	1.089	-0.000083	0.000005
12.250	1.070	-0.000029	0.000002
12.500	1.070	0.000023	0.000001
12.750	1.441	-0.000107	0.000005
13.001	2.003	-0.000016	0.000001
13.250	2.689	-0.000016	0.000001
13.501	2.498	-0.000017	0.000001
13.750	1.703	-0.000023	0.000001
14.001	1.351	-0.000009	0.000000
14.250	1.272	-0.000028	0.000001
14.500	1.276	-0.000094	0.000003
14.750	1.262	0.000078	0.000002
15.001	1.241	-0.000006	0.000000
15.250	1.183	-0.000011	0.000000
15.500	1.201	-0.000061	0.000002
15.750	1.176	-0.000032	0.000001
16.000	1.207	-0.000091	0.000002
16.250	1.208	-0.000073	0.000002
16.500	1.252	-0.000020	0.000000
16.750	1.269	-0.000093	0.000002
17.000	1.347	-0.000044	0.000001
17.250	1.826	-0.000019	0.000000
17.500	2.648	0.000082	0.000002
17.750	2.629	-0.000052	0.000001
18.000	2.164	-0.000149	0.000003
18.250	1.998	-0.000155	0.000003
18.500	2.093	-0.000120	0.000002
18.750	2.177	-0.000053	0.000001
19.000	2.238	0.000077	0.000002
19.250	2.255	-0.000004	0.000000
19.501	2.343	-0.000314	0.000006
19.750	2.334	0.000015	0.000000
20.000	2.395	-0.000009	0.000000
20.250	2.357	-0.000070	0.000001
20.500	2.556	0.000050	0.000001
20.750	2.506	-0.000136	0.000003
21.000	2.479	-0.000119	0.000002
21.250	2.309	-0.000075	0.000001
21.501	2.258	-0.000125	0.000002
21.750	2.554	-0.000080	0.000001
22.001	2.544	-0.000068	0.000001
22.250	2.555	-0.000051	0.000001
22.500	2.586	-0.000109	0.000002
22.751	2.809	0.000019	0.000000
23.001	2.775	-0.000047	0.000001
23.250	2.828	0.000037	0.000001
23.501	2.738	-0.000202	0.000004
23.750	2.511	-0.000221	0.000004
24.000	2.551	-0.000148	0.000003
24.251	2.667	-0.000198	0.000004

24.501	2.836	-0.000134	0.000002
24.750	2.945	0.000091	0.000002
25.001	2.872	0.000008	0.000000
25.250	2.937	-0.000187	0.000003
25.501	2.947	-0.000135	0.000002
25.750	2.533	-0.000006	0.000000
26.001	2.888	-0.000213	0.000004
26.250	3.046	-0.000137	0.000002
26.500	2.893	-0.000146	0.000003
26.751	2.945	-0.000179	0.000003
27.001	3.023	-0.000187	0.000003
27.251	2.977	-0.000111	0.000002
27.501	2.971	0.000021	0.000000
27.750	3.008	-0.000037	0.000001
28.000	3.029	-0.000181	0.000003
28.250	3.037	-0.000168	0.000003
28.500	3.035	0.000076	0.000001
28.751	3.035	-0.000226	0.000004
29.001	3.029	-0.000149	0.000003
29.251	3.030	0.000008	0.000000
29.500	3.024	-0.000236	0.000004
29.751	3.026	0.000158	0.000003
30.000	3.016	-0.000027	0.000000
30.251	3.027	-0.000221	0.000004
30.501	3.027	0.000052	0.000001
30.750	3.024	-0.000220	0.000004
31.001	3.027	-0.000198	0.000003
31.251	3.019	-0.000072	0.000001
31.501	3.022	-0.000004	0.000000
31.750	3.024	-0.000074	0.000001
32.000	3.029	-0.000203	0.000004
32.251	3.028	0.000017	0.000000
32.501	3.028	-0.000104	0.000002
32.750	3.026	-0.000084	0.000001
33.001	3.024	-0.000037	0.000001
33.250	3.027	-0.000260	0.000005
33.501	3.027	-0.000141	0.000002
33.751	3.031	0.000113	0.000002
34.000	3.032	-0.000102	0.000002
34.250	3.029	-0.000149	0.000003
34.500	3.035	-0.000084	0.000001
34.750	3.036	0.000004	0.000000
35.001	3.037	0.000037	0.000001
35.250	3.038	-0.000055	0.000001
35.501	3.042	-0.000128	0.000002
35.750	3.046	0.000036	0.000001
36.000	3.041	-0.000206	0.000004
36.250	3.044	0.000129	0.000002
36.500	3.050	-0.000122	0.000002
36.751	3.053	0.000100	0.000002
37.001	3.052	-0.000156	0.000003
37.251	3.050	0.000052	0.000001
37.501	3.055	-0.000171	0.000003
37.750	3.055	0.000015	0.000000
38.000	3.060	-0.000132	0.000002
38.250	3.062	-0.000078	0.000001
38.500	3.068	-0.000284	0.000005
38.750	3.063	-0.000214	0.000004
39.000	3.065	-0.000005	0.000000
39.250	3.070	-0.000056	0.000001
39.501	3.076	-0.000080	0.000001
39.750	3.078	-0.000290	0.000005
40.000	3.070	-0.000239	0.000004
40.250	3.085	-0.000171	0.000003
40.500	3.081	-0.000239	0.000004
40.751	3.088	-0.000136	0.000002
41.000	3.085	-0.000142	0.000002
41.251	3.088	-0.000123	0.000002
41.501	3.093	0.000065	0.000001
41.751	3.093	0.000105	0.000002
42.001	3.104	-0.000351	0.000006
42.250	3.105	0.000007	0.000000
42.500	3.105	-0.000111	0.000002
42.750	3.105	-0.000059	0.000001
43.001	3.108	-0.000301	0.000005
43.250	3.122	-0.000008	0.000000
43.501	3.117	0.000079	0.000001
43.750	3.133	-0.000168	0.000003
44.000	3.122	-0.000003	0.000000
44.251	3.133	-0.000108	0.000002
44.501	3.133	-0.000070	0.000001
44.750	3.152	-0.000329	0.000006
45.000	3.161	-0.000157	0.000003
45.250	3.153	-0.000403	0.000007
45.500	3.161	-0.000214	0.000004
45.751	3.161	-0.000037	0.000001
46.001	3.161	-0.000096	0.000002
46.250	3.160	-0.000395	0.000007
46.500	3.161	-0.000070	0.000001
46.751	3.161	-0.000099	0.000002
47.000	3.161	-0.000374	0.000007
47.250	3.161	-0.000352	0.000006
47.501	3.161	-0.000047	0.000001
47.750	3.161	-0.000235	0.000004
48.000	3.161	0.000073	0.000001
48.251	3.161	0.000093	0.000002
48.500	3.162	0.000069	0.000001
48.750	3.161	-0.000351	0.000006
49.001	3.161	-0.000261	0.000005
49.250	3.163	-0.000214	0.000004
49.500	3.161	-0.000079	0.000001
49.751	3.161	-0.000119	0.000002
50.001	3.161	-0.000241	0.000004
50.250	3.160	-0.000132	0.000002
50.500	3.161	-0.000227	0.000004
50.751	3.161	-0.000260	0.000005

51.000	3.161	0.000021	0.000000
51.250	3.161	-0.000039	0.000001
51.501	3.161	-0.000054	0.000001
51.750	3.161	0.000013	0.000000
52.000	3.161	-0.000143	0.000002
52.251	3.161	-0.000215	0.000004
52.500	3.162	-0.000307	0.000005
52.750	3.161	-0.000211	0.000004
53.001	3.161	-0.000166	0.000003
53.250	3.163	-0.000075	0.000001
53.500	3.161	-0.000192	0.000003
53.751	3.161	0.000016	0.000000
54.001	3.161	-0.000042	0.000001
54.250	3.160	-0.000113	0.000002
54.501	3.161	-0.000124	0.000002
54.751	3.161	-0.000056	0.000001
55.000	3.161	-0.000134	0.000002
55.250	3.161	-0.000286	0.000005
55.501	3.161	-0.000174	0.000003
55.750	3.161	0.000041	0.000001
56.000	3.161	-0.000373	0.000006
56.251	3.161	-0.000346	0.000006
56.500	3.162	-0.000026	0.000000
56.750	3.161	-0.000076	0.000001
57.001	3.161	-0.000066	0.000001
57.250	3.163	-0.000094	0.000002
57.500	3.161	0.000043	0.000001
57.751	3.161	-0.000030	0.000001
58.000	3.160	-0.000040	0.000001
58.250	3.161	-0.000222	0.000004
58.501	3.161	-0.000131	0.000002
58.751	3.161	0.000034	0.000001
59.000	3.161	-0.000129	0.000002
59.251	3.161	-0.000269	0.000005
59.501	3.161	0.000070	0.000001
59.750	3.161	-0.000237	0.000004
60.001	3.173	-0.000028	0.000000
60.250	3.167	-0.000193	0.000003
60.501	3.183	-0.000066	0.000001
60.750	3.199	-0.000225	0.000004
61.001	3.205	-0.000190	0.000003
61.251	3.206	-0.000117	0.000002
61.501	3.216	0.000105	0.000002
61.750	3.219	-0.000115	0.000002
62.000	3.215	0.000137	0.000002
62.250	3.221	0.000070	0.000001
62.501	3.225	-0.000217	0.000004
62.751	3.227	0.000158	0.000003
63.000	3.228	-0.000015	0.000000
63.250	3.230	-0.000163	0.000003
63.501	3.239	-0.000056	0.000001
63.750	3.233	-0.000038	0.000001
64.000	3.238	-0.000134	0.000002
64.251	3.242	-0.000127	0.000002
64.501	3.240	-0.000283	0.000005
64.751	3.246	0.000075	0.000001
65.000	3.248	-0.000097	0.000002
65.251	3.251	-0.000215	0.000004
65.501	3.250	0.000142	0.000002
65.751	3.253	0.000051	0.000001
66.000	3.250	0.000109	0.000002
66.251	3.258	-0.000047	0.000001
66.501	3.259	-0.000371	0.000006
66.750	3.255	0.000108	0.000002
67.001	3.266	-0.000048	0.000001
67.250	3.267	-0.000264	0.000005
67.500	3.263	0.000101	0.000002
67.750	3.268	-0.000052	0.000001
68.000	3.266	0.000017	0.000000
68.250	3.270	-0.000314	0.000005
68.501	3.264	-0.000186	0.000003
68.750	3.270	-0.000244	0.000004
69.001	3.268	0.000005	0.000000
69.251	3.272	-0.000321	0.000006
69.500	3.275	-0.000057	0.000001
69.750	3.273	-0.000090	0.000002
70.001	3.280	-0.000044	0.000001
70.251	3.283	-0.000155	0.000003
70.501	3.289	0.000072	0.000001
70.751	3.282	-0.000106	0.000002
71.001	3.286	-0.000010	0.000000
71.251	3.294	-0.000374	0.000006
71.500	3.293	-0.000019	0.000000
71.750	3.294	-0.000083	0.000001
72.001	3.292	0.000001	0.000000

MASS BALANCE INFLOW - OUTFLOW VOLUME

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

TOTAL POINT RAINFALL: 2.8200 INCHES

	WATER
RAINFALL VOLUME	2561.74
INFLOW HYDROGRAPH	3227.53
INFLOW HYDROGRAPHS + RAINFALL	5789.27

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

OVERLAND INFILTRATED AND INTERCEPTED WATER 1.55 INCHES

OVERLAND FLOW	WATER
WATER LOST TO INFILTRATION & INTERCEPTION	1791.27
FLOODPLAIN STORAGE	1065.41
FLOODPLAIN OUTFLOW HYDROGRAPH	2929.69
FLOODPLAIN OUTFLOW, INFILTRATION & STORAGE	5786.37

CHANNEL FLOW	
CHANNEL STORAGE	2.90
CHANNEL OUTFLOW	0.00
CHANNEL OUTFLOW AND STORAGE	2.90

*** TOTALS ***

TOTAL OUTFLOW FROM GRID SYSTEM	2929.69
TOTAL VOLUME OF OUTFLOW AND STORAGE	5789.27

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:	6032.80 ACRES
THE MAXIMUM WETTED FLOODPLAIN AREA IS:	6031.49 ACRES
THE MAXIMUM WETTED CHANNEL AREA IS:	1.31 ACRES

COMPUTER RUN TIME IS : 2.42432 HRS

THIS OUTPUT FILE WAS TERMINATED ON: 8/21/2011 AT: 19: 8:18

24-Hour, 10-Year SUMMARY.OUT

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

SIMULATION TIME (HOURS)	AVERAGE TIMESTEP (SECONDS)	VOLUME CONSERVATION (ACRE FEET)	PERCENT OF INFLOW
	SUMMARY.OUT FILE CREATED WITH VERSION: 2009.06 BUILD NO. 09-11.07.06		
0.250	18.028	0.000000	0.000003
0.500	30.000	0.000000	0.000006
0.750	30.000	0.000000	0.000001
1.000	30.000	0.000000	0.000001
1.250	30.000	0.000000	0.000005
1.500	30.000	0.000000	0.000001
1.750	30.000	0.000000	0.000002
2.000	30.000	0.000001	0.000005
2.250	30.000	0.000000	0.000001
2.500	30.000	-0.000001	0.000003
2.750	30.000	-0.000001	0.000002
3.000	30.000	-0.000001	0.000004
3.250	30.000	-0.000001	0.000003
3.500	30.000	-0.000002	0.000004
3.750	30.000	0.000001	0.000003
4.000	30.000	0.000001	0.000001
4.250	30.000	0.000004	0.000005
4.500	30.000	-0.000003	0.000004
4.750	30.000	-0.000001	0.000001
5.000	26.464	0.000004	0.000003
5.252	22.632	0.000002	0.000002
5.503	21.023	0.000003	0.000002
5.752	18.662	0.000004	0.000003
6.001	19.538	0.000000	0.000000
6.254	17.145	-0.000006	0.000003
6.503	15.710	-0.000006	0.000003
6.752	14.250	-0.000007	0.000003
7.001	13.596	0.000001	0.000000
7.252	12.363	0.000003	0.000001
7.503	11.147	-0.000009	0.000003
7.751	9.618	0.000001	0.000000
8.000	8.622	0.000003	0.000001
8.251	7.585	-0.000003	0.000001
8.500	7.064	-0.000012	0.000003
8.751	6.742	0.000007	0.000002
9.001	6.474	0.000004	0.000001
9.250	6.108	0.000003	0.000001
9.501	5.598	-0.000011	0.000002
9.751	5.095	-0.000013	0.000002
10.000	4.956	0.000029	0.000005
10.251	4.459	0.000012	0.000002
10.500	4.045	0.000035	0.000005
10.750	3.768	0.000025	0.000003
11.001	3.679	0.000004	0.000001
11.250	3.540	0.000006	0.000001
11.501	3.494	-0.000020	0.000002
11.751	3.321	0.000006	0.000001
12.000	2.739	0.000039	0.000003
12.250	1.736	0.000023	0.000002
12.500	1.575	-0.000021	0.000002
12.750	1.432	-0.000038	0.000003
13.000	1.274	-0.000014	0.000001
13.250	1.100	0.000024	0.000001
13.500	1.307	-0.000016	0.000001
13.751	1.401	0.000031	0.000002
14.000	1.728	-0.000023	0.000001
14.251	2.330	-0.000008	0.000000
14.500	2.646	-0.000031	0.000001
14.750	2.791	-0.000006	0.000000
15.000	2.720	0.000057	0.000002
15.250	2.566	-0.000003	0.000000
15.500	1.838	0.000001	0.000000
15.750	1.351	-0.000024	0.000001
16.000	1.298	-0.000046	0.000002
16.250	1.339	0.000014	0.000000
16.500	1.388	-0.000032	0.000001
16.750	2.408	0.000004	0.000000
17.000	2.367	0.000008	0.000000
17.250	1.863	-0.000021	0.000001
17.500	2.171	0.000030	0.000001
17.750	2.220	-0.000013	0.000000
18.001	2.274	-0.000069	0.000002
18.250	2.310	0.000083	0.000002
18.500	2.299	-0.000068	0.000002
18.751	2.354	-0.000018	0.000000
19.000	2.418	-0.000123	0.000003
19.250	2.500	-0.000027	0.000001
19.501	2.688	0.000003	0.000000
19.750	2.636	-0.000003	0.000000
20.001	2.546	0.000131	0.000004
20.250	2.740	-0.000025	0.000001
20.500	2.697	0.000032	0.000001
20.751	2.767	0.000007	0.000000
21.001	2.791	-0.000004	0.000000
21.251	2.813	0.000027	0.000001
21.500	2.833	-0.000089	0.000002
21.750	2.888	-0.000095	0.000002
22.000	2.809	0.000084	0.000002
22.250	2.880	-0.000076	0.000002
22.501	2.877	0.000055	0.000001
22.750	2.851	-0.000004	0.000000
23.000	3.053	-0.000053	0.000001
23.250	3.040	0.000095	0.000002
23.500	2.972	-0.000048	0.000001
23.750	3.019	-0.000156	0.000004
24.000	2.788	0.000035	0.000001
24.251	2.826	-0.000004	0.000000

24.500	3.004	-0.000079	0.000002
24.750	2.926	0.000040	0.000001
25.000	2.875	0.000022	0.000001
25.250	3.081	0.000139	0.000003
25.500	3.027	0.000048	0.000001
25.751	2.949	-0.000116	0.000003
26.000	3.101	0.000027	0.000001
26.251	3.128	0.000091	0.000002
26.500	3.174	0.000163	0.000004
26.750	3.115	-0.000006	0.000000
27.000	3.147	0.000159	0.000004
27.250	3.189	0.000072	0.000002
27.500	3.231	0.000057	0.000001
27.751	3.230	-0.000016	0.000000
28.001	3.227	-0.000111	0.000003
28.251	3.233	-0.000032	0.000001
28.500	3.197	-0.000097	0.000002
28.750	3.160	-0.000037	0.000001
29.001	3.173	-0.000006	0.000000
29.250	3.200	-0.000008	0.000000
29.500	3.146	0.000111	0.000003
29.751	3.141	0.000146	0.000004
30.000	3.208	0.000089	0.000002
30.250	3.139	-0.000093	0.000002
30.501	3.138	0.000081	0.000002
30.751	3.085	0.000097	0.000002
31.001	3.017	0.000160	0.000004
31.251	3.000	0.000048	0.000001
31.500	2.986	0.000093	0.000002
31.750	2.944	-0.000143	0.000004
32.000	2.937	-0.000003	0.000000
32.251	2.932	0.000076	0.000002
32.501	2.871	0.000054	0.000001
32.751	2.805	0.000051	0.000001
33.000	2.869	0.000091	0.000002
33.250	2.763	-0.000028	0.000001
33.500	2.769	-0.000012	0.000000
33.750	2.767	0.000124	0.000003
34.000	2.752	-0.000111	0.000003
34.250	2.666	-0.000137	0.000003
34.501	2.626	0.000005	0.000000
34.750	2.620	0.000066	0.000002
35.000	2.586	0.000167	0.000004
35.251	2.570	-0.000023	0.000001
35.501	2.588	0.000025	0.000001
35.750	2.586	-0.000078	0.000002
36.000	2.559	-0.000138	0.000003
36.251	2.539	-0.000022	0.000001
36.500	2.505	-0.000032	0.000001
36.750	2.524	0.000015	0.000000
37.001	2.506	-0.000026	0.000001
37.250	2.502	-0.000021	0.000001
37.500	2.446	-0.000084	0.000002
37.750	2.493	-0.000192	0.000005
38.000	2.475	-0.000083	0.000002
38.251	2.460	-0.000043	0.000001
38.501	2.446	-0.000150	0.000004
38.750	2.440	-0.000014	0.000000
39.001	2.465	0.000004	0.000000
39.251	2.474	0.000068	0.000002
39.500	2.433	0.000080	0.000002
39.750	2.428	0.000031	0.000001
40.000	2.407	-0.000074	0.000002
40.250	2.360	0.000126	0.000003
40.500	2.332	0.000044	0.000001
40.751	2.293	0.000164	0.000004
41.000	2.271	0.000099	0.000002
41.250	2.375	0.000055	0.000001
41.501	2.340	0.000091	0.000002
41.751	2.271	-0.000057	0.000001
42.000	2.283	0.000079	0.000002
42.250	2.281	0.000058	0.000001
42.500	2.235	0.000026	0.000001
42.750	2.245	0.000043	0.000001
43.000	2.228	0.000170	0.000004
43.250	2.201	-0.000084	0.000002
43.501	2.139	0.000034	0.000001
43.750	2.054	0.000138	0.000003
44.001	2.052	0.000055	0.000001
44.250	2.027	0.000081	0.000002
44.500	2.025	-0.000257	0.000006
44.750	2.029	-0.000009	0.000000
45.000	1.997	0.000022	0.000001
45.250	1.997	0.000083	0.000002
45.500	1.996	-0.000159	0.000004
45.750	2.030	0.000046	0.000001
46.000	2.082	-0.000112	0.000003
46.251	2.045	-0.000106	0.000003
46.500	2.056	0.000150	0.000004
46.750	2.060	-0.000061	0.000001
47.000	2.073	-0.000033	0.000001
47.250	2.089	-0.000107	0.000003
47.500	2.093	0.000111	0.000003
47.750	2.147	-0.000030	0.000001
48.000	2.174	-0.000029	0.000001
48.250	2.179	-0.000097	0.000002
48.500	2.203	0.000067	0.000002
48.750	2.223	0.000107	0.000003
49.000	2.295	-0.000096	0.000002
49.251	2.511	0.000186	0.000005
49.500	2.509	-0.000109	0.000003
49.751	2.517	-0.000136	0.000003
50.000	2.511	0.000103	0.000003
50.250	2.478	-0.000048	0.000001
50.500	2.459	-0.000035	0.000001
50.751	2.491	0.000035	0.000001

51.000	2.437	-0.000104	0.000003
51.251	2.409	0.000061	0.000001
51.500	2.423	-0.000123	0.000003
51.750	2.417	-0.000070	0.000002
52.000	2.388	-0.000028	0.000001
52.250	2.395	-0.000031	0.000001
52.500	2.389	-0.000138	0.000003
52.750	2.366	0.000049	0.000001
53.001	2.373	-0.000008	0.000000
53.250	2.369	0.000059	0.000001
53.500	2.357	-0.000021	0.000001
53.750	2.346	-0.000086	0.000002
54.000	2.360	-0.000046	0.000001
54.251	2.349	0.000107	0.000003
54.501	2.347	-0.000081	0.000002
54.750	2.341	0.000015	0.000000
55.000	2.339	0.000078	0.000002
55.251	2.304	-0.000059	0.000001
55.501	3.250	0.000092	0.000002
55.750	3.378	-0.000066	0.000002
56.000	3.373	-0.000021	0.000001
56.250	3.378	0.000145	0.000004
56.500	3.374	0.000111	0.000003
56.750	3.372	-0.000083	0.000002
57.000	3.379	0.000048	0.000001
57.251	3.378	0.000106	0.000003
57.500	3.380	-0.000061	0.000001
57.751	3.375	0.000085	0.000002
58.001	3.374	0.000021	0.000000
58.250	3.375	-0.000043	0.000001
58.500	3.371	0.000117	0.000003
58.750	3.374	0.000002	0.000000
59.000	3.366	-0.000073	0.000002
59.250	3.374	0.000063	0.000002
59.501	3.375	0.000025	0.000001
59.750	3.374	0.000049	0.000001
60.000	3.373	0.000218	0.000005
60.251	3.369	-0.000028	0.000001
60.501	3.378	0.000150	0.000004
60.751	3.369	0.000041	0.000001
61.001	3.373	-0.000006	0.000000
61.250	3.376	-0.000055	0.000001
61.500	3.373	0.000088	0.000002
61.751	3.378	0.000076	0.000002
62.000	3.367	-0.000039	0.000001
62.251	3.376	-0.000030	0.000001
62.500	3.375	-0.000092	0.000002
62.750	3.369	-0.000014	0.000000
63.000	3.377	-0.000079	0.000002
63.251	3.377	0.000128	0.000003
63.501	3.378	0.000007	0.000000
63.751	3.374	0.000143	0.000003
64.000	3.373	-0.000123	0.000003
64.251	3.381	0.000041	0.000001
64.500	3.377	-0.000087	0.000002
64.750	3.373	-0.000075	0.000002
65.001	3.376	-0.000066	0.000002
65.250	3.378	0.000038	0.000001
65.500	3.367	0.000147	0.000004
65.750	3.375	-0.000067	0.000002
66.001	3.373	-0.000013	0.000000
66.251	3.375	0.000191	0.000005
66.501	3.380	-0.000007	0.000000
66.751	3.371	0.000064	0.000002
67.000	3.378	-0.000020	0.000000
67.250	3.381	-0.000057	0.000001
67.500	3.374	0.000019	0.000000
67.751	3.373	-0.000059	0.000001
68.001	3.377	-0.000154	0.000004
68.250	3.370	-0.000020	0.000000
68.500	3.375	-0.000062	0.000001
68.750	3.379	0.000172	0.000004
69.001	3.369	-0.000032	0.000001
69.250	3.374	-0.000009	0.000000
69.501	3.378	-0.000199	0.000005
69.751	3.372	0.000016	0.000000
70.000	3.377	-0.000088	0.000002
70.250	3.371	0.000027	0.000001
70.501	3.376	0.000130	0.000003
70.750	3.375	-0.000036	0.000001
71.001	3.369	0.000185	0.000004
71.251	3.370	-0.000019	0.000000
71.501	3.370	0.000132	0.000003
71.750	3.379	0.000068	0.000002
72.000	3.372	-0.000065	0.000002

MASS BALANCE INFLOW - OUTFLOW VOLUME

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

TOTAL POINT RAINFALL: 2.1900 INCHES

	WATER
RAINFALL VOLUME	2001.90
INFLOW HYDROGRAPH	2147.48
INFLOW HYDROGRAPHS + RAINFALL	4149.37

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

OVERLAND INFILTRATED AND INTERCEPTED WATER 1.35 INCHES

OVERLAND FLOW	WATER
WATER LOST TO INFILTRATION & INTERCEPTION	1552.78
FLOODPLAIN STORAGE	799.97
FLOODPLAIN OUTFLOW HYDROGRAPH	1793.74
FLOODPLAIN OUTFLOW, INFILTRATION & STORAGE	4146.48

CHANNEL FLOW	
CHANNEL STORAGE	2.89
CHANNEL OUTFLOW	0.00
CHANNEL OUTFLOW AND STORAGE	2.89

*** TOTALS ***

TOTAL OUTFLOW FROM GRID SYSTEM	1793.74
TOTAL VOLUME OF OUTFLOW AND STORAGE	4149.37

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:	4379.69 ACRES
THE MAXIMUM WETTED FLOODPLAIN AREA IS:	4378.38 ACRES
THE MAXIMUM WETTED CHANNEL AREA IS:	1.31 ACRES

COMPUTER RUN TIME IS : 2.30518 HRS

THIS OUTPUT FILE WAS TERMINATED ON: 8/24/2011 AT: 19:38:42

24-Hour, 5-Year SUMMARY.OUT

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

SIMULATION TIME (HOURS)	AVERAGE TIMESTEP (SECONDS)	VOLUME CONSERVATION (ACRE FEET)	PERCENT OF INFLOW
	SUMMARY.OUT FILE		
	CREATED WITH VERSION: 2009.06 BUILD NO. 09-11.05.04		
0.250	18.028	0.000000	0.000001
0.500	30.000	0.000000	0.000002
0.750	30.000	0.000000	0.000002
1.000	30.000	0.000000	0.000003
1.250	30.000	0.000000	0.000002
1.500	30.000	0.000000	0.000003
1.750	30.000	0.000000	0.000002
2.000	30.000	0.000000	0.000001
2.250	30.000	-0.000001	0.000005
2.500	30.000	0.000000	0.000002
2.750	30.000	0.000000	0.000001
3.000	30.000	0.000000	0.000001
3.250	30.000	-0.000001	0.000003
3.500	30.000	-0.000002	0.000004
3.750	30.000	-0.000002	0.000004
4.000	30.000	0.000000	0.000000
4.250	30.000	0.000000	0.000000
4.500	30.000	0.000003	0.000005
4.750	30.000	0.000002	0.000002
5.000	30.000	-0.000003	0.000004
5.250	30.000	0.000002	0.000002
5.502	25.177	0.000001	0.000001
5.750	22.329	-0.000001	0.000001
6.002	21.096	-0.000001	0.000001
6.254	18.910	0.000000	0.000000
6.500	19.677	0.000001	0.000001
6.755	19.897	0.000006	0.000003
7.001	18.447	0.000003	0.000002
7.254	16.275	-0.000005	0.000003
7.502	13.946	0.000006	0.000003
7.753	12.557	0.000004	0.000002
8.001	11.460	0.000015	0.000006
8.251	10.348	0.000015	0.000005
8.501	9.357	0.000007	0.000002
8.752	8.140	0.000001	0.000000
9.000	7.395	0.000001	0.000000
9.251	7.045	-0.000013	0.000003
9.502	6.861	0.000005	0.000001
9.751	6.500	-0.000011	0.000002
10.001	6.229	-0.000011	0.000002
10.250	5.691	-0.000004	0.000001
10.501	5.189	0.000018	0.000003
10.750	4.951	-0.000002	0.000000
11.001	4.605	-0.000014	0.000002
11.251	4.124	0.000009	0.000001
11.500	3.876	-0.000012	0.000002
11.751	3.755	-0.000029	0.000004
12.000	3.649	0.000011	0.000001
12.251	3.524	0.000002	0.000000
12.501	3.435	0.000013	0.000001
12.750	3.282	0.000034	0.000003
13.000	3.143	-0.000027	0.000002
13.250	1.954	-0.000035	0.000003
13.500	1.804	-0.000041	0.000003
13.750	1.644	-0.000037	0.000003
14.000	1.576	-0.000049	0.000003
14.250	1.565	0.000071	0.000004
14.500	1.525	-0.000025	0.000001
14.750	1.409	-0.000068	0.000004
15.000	1.466	0.000005	0.000000
15.250	2.067	-0.000036	0.000002
15.500	2.147	-0.000023	0.000001
15.750	2.528	0.000040	0.000002
16.001	2.767	-0.000095	0.000004
16.251	2.493	0.000038	0.000002
16.501	2.725	-0.000098	0.000004
16.750	2.410	-0.000010	0.000000
17.000	2.541	0.000003	0.000000
17.250	2.493	-0.000069	0.000003
17.500	2.510	-0.000007	0.000000
17.750	2.541	0.000063	0.000002
18.001	2.629	0.000053	0.000002
18.250	2.613	-0.000125	0.000005
18.501	2.620	-0.000011	0.000000
18.750	2.764	-0.000004	0.000000
19.001	2.973	-0.000027	0.000001
19.250	2.936	0.000011	0.000000
19.500	3.072	-0.000150	0.000006
19.750	3.128	0.000003	0.000000
20.000	3.181	0.000043	0.000002
20.250	3.332	-0.000014	0.000001
20.500	3.039	-0.000027	0.000001
20.750	3.238	-0.000045	0.000002
21.001	3.455	0.000031	0.000001
21.250	3.128	-0.000133	0.000005
21.501	3.341	0.000022	0.000001
21.750	3.289	-0.000048	0.000002
22.000	3.440	0.000074	0.000003
22.251	3.238	0.000093	0.000003
22.500	3.540	-0.000038	0.000001
22.751	3.144	-0.000058	0.000002
23.000	3.450	-0.000070	0.000002
23.251	3.406	-0.000013	0.000000
23.500	3.491	-0.000164	0.000006
23.750	3.302	-0.000063	0.000002
24.001	3.403	-0.000046	0.000002
24.251	3.379	0.000038	0.000001

24.500	3.379	-0.000076	0.000003
24.751	3.036	-0.000089	0.000003
25.001	3.344	-0.000035	0.000001
25.250	3.201	0.000038	0.000001
25.501	3.290	-0.000133	0.000005
25.751	3.423	-0.000070	0.000002
26.000	3.288	-0.000057	0.000002
26.250	3.202	0.000030	0.000001
26.500	3.385	-0.000072	0.000002
26.750	3.405	-0.000040	0.000001
27.001	3.416	-0.000025	0.000001
27.251	3.409	-0.000132	0.000004
27.500	3.405	-0.000076	0.000003
27.750	3.394	-0.000042	0.000001
28.001	3.392	-0.000099	0.000003
28.250	3.392	-0.000001	0.000000
28.500	3.393	-0.000086	0.000003
28.751	3.391	0.000025	0.000001
29.000	3.393	-0.000095	0.000003
29.250	3.391	0.000040	0.000001
29.501	3.392	-0.000073	0.000002
29.750	3.391	0.000003	0.000000
30.000	3.393	-0.000043	0.000001
30.251	3.391	0.000015	0.000001
30.500	3.393	-0.000096	0.000003
30.751	3.391	-0.000007	0.000000
31.001	3.393	-0.000094	0.000003
31.250	3.390	-0.000059	0.000002
31.501	3.393	-0.000045	0.000002
31.751	3.390	0.000023	0.000001
32.000	3.393	0.000033	0.000001
32.251	3.391	-0.000049	0.000002
32.501	3.393	0.000045	0.000002
32.750	3.389	0.000076	0.000003
33.001	3.395	-0.000051	0.000002
33.250	3.389	-0.000109	0.000004
33.500	3.392	-0.000014	0.000000
33.751	3.391	0.000010	0.000000
34.000	3.392	-0.000025	0.000001
34.250	3.393	0.000074	0.000002
34.501	3.390	0.000088	0.000003
34.750	3.393	-0.000052	0.000002
35.000	3.392	-0.000017	0.000001
35.251	3.392	-0.000013	0.000000
35.500	3.392	-0.000073	0.000002
35.750	3.393	-0.000075	0.000003
36.001	3.391	-0.000001	0.000000
36.250	3.393	0.000013	0.000000
36.500	3.391	0.000037	0.000001
36.751	3.392	0.000021	0.000001
37.000	3.391	0.000001	0.000000
37.250	3.393	0.000097	0.000003
37.501	3.391	0.000029	0.000001
37.750	3.393	-0.000088	0.000003
38.001	3.391	-0.000072	0.000002
38.251	3.393	-0.000003	0.000000
38.500	3.390	-0.000001	0.000000
38.751	3.393	0.000017	0.000001
39.001	3.390	-0.000025	0.000001
39.250	3.393	-0.000056	0.000002
39.501	3.391	0.000064	0.000002
39.751	3.393	-0.000043	0.000001
40.001	3.391	-0.000063	0.000002
40.251	3.393	-0.000015	0.000001
40.500	3.389	0.000034	0.000001
40.751	3.395	-0.000054	0.000002
41.001	3.395	0.000015	0.000001
41.250	3.396	0.000051	0.000002
41.501	3.394	0.000079	0.000003
41.750	3.401	-0.000100	0.000003
42.001	3.403	-0.000043	0.000001
42.250	3.403	0.000031	0.000001
42.501	3.400	0.000056	0.000002
42.750	3.405	-0.000012	0.000000
43.000	3.404	-0.000050	0.000002
43.251	3.404	-0.000116	0.000004
43.500	3.403	-0.000077	0.000003
43.751	3.401	-0.000006	0.000000
44.000	3.407	-0.000007	0.000000
44.250	3.404	-0.000035	0.000001
44.500	3.401	-0.000053	0.000002
44.751	3.415	-0.000074	0.000002
45.001	3.407	-0.000087	0.000003
45.250	3.406	0.000002	0.000000
45.500	3.406	-0.000085	0.000003
45.750	3.408	0.000054	0.000002
46.000	3.409	0.000051	0.000002
46.251	3.406	0.000038	0.000001
46.500	3.404	-0.000149	0.000005
46.751	3.413	-0.000041	0.000001
47.000	3.415	0.000088	0.000003
47.250	3.406	-0.000051	0.000002
47.501	3.407	-0.000047	0.000002
47.750	3.411	-0.000137	0.000005
48.001	3.416	-0.000001	0.000000
48.250	3.406	0.000037	0.000001
48.500	3.408	-0.000024	0.000001
48.750	3.409	0.000009	0.000000
49.000	3.410	-0.000061	0.000002
49.251	3.406	-0.000104	0.000003
49.500	3.410	0.000011	0.000000
49.751	3.408	-0.000147	0.000005
50.001	3.404	-0.000096	0.000003
50.251	3.410	-0.000079	0.000003
50.500	3.401	-0.000099	0.000003
50.750	3.408	-0.000065	0.000002

51.001	3.404	-0.000132	0.000004
51.250	3.405	-0.000062	0.000002
51.500	3.405	0.000061	0.000002
51.750	3.396	-0.000007	0.000000
52.001	3.398	0.000026	0.000001
52.250	3.397	0.000055	0.000002
52.501	3.394	-0.000116	0.000004
52.751	3.390	-0.000004	0.000000
53.000	3.393	0.000004	0.000000
53.251	3.391	0.000024	0.000001
53.501	3.393	-0.000044	0.000001
53.750	3.389	-0.000023	0.000001
54.001	3.395	-0.000061	0.000002
54.250	3.389	0.000011	0.000000
54.500	3.392	-0.000098	0.000003
54.751	3.391	-0.000003	0.000000
55.000	3.392	0.000017	0.000001
55.250	3.393	0.000034	0.000001
55.501	3.390	0.000011	0.000000
55.750	3.393	-0.000128	0.000004
56.000	3.392	-0.000005	0.000000
56.251	3.392	0.000017	0.000001
56.500	3.392	0.000070	0.000002
56.750	3.393	-0.000072	0.000002
57.001	3.391	-0.000076	0.000003
57.250	3.393	-0.000015	0.000001
57.500	3.391	0.000026	0.000001
57.751	3.392	-0.000075	0.000002
58.000	3.391	-0.000064	0.000002
58.250	3.393	0.000014	0.000000
58.501	3.391	-0.000030	0.000001
58.750	3.393	-0.000028	0.000001
59.001	3.391	-0.000086	0.000003
59.251	3.393	-0.000036	0.000001
59.500	3.390	0.000037	0.000001
59.751	3.393	-0.000038	0.000001
60.000	3.390	-0.000084	0.000003
60.250	3.393	-0.000013	0.000000
60.501	3.391	-0.000021	0.000001
60.751	3.393	0.000004	0.000000
61.001	3.391	-0.000007	0.000000
61.251	3.393	-0.000057	0.000002
61.500	3.389	-0.000090	0.000003
61.751	3.395	0.000020	0.000001
62.001	3.389	0.000018	0.000001
62.250	3.392	-0.000020	0.000001
62.500	3.393	0.000019	0.000001
62.751	3.390	0.000028	0.000001
63.000	3.393	-0.000029	0.000001
63.250	3.392	-0.000068	0.000002
63.501	3.392	-0.000135	0.000005
63.750	3.392	0.000071	0.000002
64.000	3.393	-0.000095	0.000003
64.251	3.391	0.000043	0.000001
64.500	3.393	-0.000112	0.000004
64.751	3.391	-0.000035	0.000001
65.001	3.393	-0.000037	0.000001
65.250	3.391	-0.000037	0.000001
65.500	3.393	-0.000129	0.000004
65.751	3.391	-0.000015	0.000001
66.000	3.393	0.000024	0.000001
66.251	3.391	-0.000059	0.000002
66.501	3.393	-0.000056	0.000002
66.750	3.390	0.000014	0.000000
67.001	3.393	-0.000082	0.000003
67.250	3.390	0.000067	0.000002
67.500	3.393	-0.000096	0.000003
67.751	3.391	-0.000088	0.000003
68.000	3.393	-0.000005	0.000000
68.251	3.391	-0.000003	0.000000
68.501	3.393	0.000032	0.000001
68.750	3.389	0.000049	0.000002
69.001	3.395	-0.000012	0.000000
69.251	3.389	-0.000132	0.000004
69.500	3.392	-0.000023	0.000001
69.750	3.393	-0.000091	0.000003
70.001	3.390	0.000000	0.000000
70.250	3.393	0.000059	0.000002
70.501	3.390	-0.000019	0.000001
70.751	3.393	0.000065	0.000002
71.000	3.392	-0.000139	0.000005
71.250	3.393	-0.000111	0.000004
71.501	3.391	0.000072	0.000002
71.750	3.393	0.000001	0.000000
72.001	3.391	-0.000022	0.000001

MASS BALANCE INFLOW - OUTFLOW VOLUME

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

TOTAL POINT RAINFALL: 1.7300 INCHES

	WATER
RAINFALL VOLUME	1604.89
INFLOW HYDROGRAPH	1397.82
INFLOW HYDROGRAPHS + RAINFALL	3002.71

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

OVERLAND INFILTRATED AND INTERCEPTED WATER 1.17 INCHES

OVERLAND FLOW	WATER
WATER LOST TO INFILTRATION & INTERCEPTION	1344.20
FLOODPLAIN STORAGE	577.68
FLOODPLAIN OUTFLOW HYDROGRAPH	1077.92
FLOODPLAIN OUTFLOW, INFILTRATION & STORAGE	2999.80

CHANNEL FLOW	
CHANNEL STORAGE	2.91
CHANNEL OUTFLOW	0.00
CHANNEL OUTFLOW AND STORAGE	2.91

*** TOTALS ***

TOTAL OUTFLOW FROM GRID SYSTEM	1077.92
TOTAL VOLUME OF OUTFLOW AND STORAGE	3002.71

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:	3452.30 ACRES
THE MAXIMUM WETTED FLOODPLAIN AREA IS:	3450.99 ACRES
THE MAXIMUM WETTED CHANNEL AREA IS:	1.31 ACRES

COMPUTER RUN TIME IS : 2.18359 HRS

THIS OUTPUT FILE WAS TERMINATED ON: 8/19/2011 AT: 19:41:23

BSE Document Control Number: 7323HYD300-FINAL

24-Hour, 2-Year SUMMARY.OUT

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

SIMULATION TIME (HOURS)	AVERAGE TIMESTEP (SECONDS)	VOLUME CONSERVATION (ACRE FEET)	PERCENT OF INFLOW
	SUMMARY.OUT FILE CREATED WITH VERSION: 2009.06 BUILD NO. 09-11.07.06		
0.250	18.028	0.000000	0.000003
0.500	30.000	0.000000	0.000001
0.750	30.000	0.000000	0.000003
1.000	30.000	0.000000	0.000003
1.250	30.000	0.000000	0.000002
1.500	30.000	0.000000	0.000002
1.750	30.000	0.000000	0.000001
2.000	30.000	0.000000	0.000003
2.250	30.000	0.000000	0.000003
2.500	30.000	0.000000	0.000001
2.750	30.000	0.000000	0.000001
3.000	30.000	-0.000001	0.000005
3.250	30.000	-0.000001	0.000004
3.500	30.000	-0.000001	0.000003
3.750	30.000	0.000000	0.000001
4.000	30.000	0.000001	0.000004
4.250	30.000	0.000002	0.000005
4.500	30.000	-0.000001	0.000003
4.750	30.000	0.000001	0.000001
5.000	30.000	-0.000002	0.000003
5.250	30.000	0.000002	0.000004
5.500	30.000	0.000002	0.000003
5.750	30.000	-0.000003	0.000003
6.000	30.000	-0.000004	0.000004
6.252	25.183	0.000003	0.000003
6.502	24.277	-0.000003	0.000003
6.751	22.465	-0.000004	0.000003
7.007	24.204	0.000000	0.000000
7.252	21.029	-0.000006	0.000005
7.502	19.133	-0.000002	0.000001
7.755	20.275	0.000004	0.000003
8.003	17.513	-0.000001	0.000001
8.252	15.703	-0.000004	0.000002
8.501	14.205	0.000003	0.000001
8.753	12.799	-0.000007	0.000003
9.002	11.790	-0.000003	0.000001
9.251	10.926	0.000006	0.000002
9.500	9.970	-0.000009	0.000003
9.752	9.348	-0.000005	0.000002
10.001	8.534	-0.000004	0.000001
10.250	7.803	-0.000005	0.000001
10.500	7.495	-0.000003	0.000001
10.752	7.187	0.000007	0.000002
11.001	6.900	0.000005	0.000001
11.251	6.517	-0.000015	0.000003
11.501	6.124	-0.000015	0.000003
11.750	5.722	0.000008	0.000001
12.001	5.194	-0.000025	0.000004
12.251	5.022	0.000004	0.000001
12.501	4.541	0.000004	0.000001
12.750	4.238	0.000032	0.000005
13.000	3.980	0.000002	0.000000
13.251	3.825	0.000025	0.000003
13.500	3.769	-0.000017	0.000002
13.751	3.656	-0.000029	0.000003
14.000	3.607	0.000022	0.000002
14.251	3.523	0.000030	0.000003
14.500	3.522	-0.000018	0.000002
14.751	3.372	0.000004	0.000000
15.001	3.286	0.000035	0.000003
15.251	3.203	-0.000003	0.000000
15.501	2.929	0.000044	0.000003
15.750	3.016	0.000009	0.000001
16.000	3.021	-0.000013	0.000001
16.250	2.999	0.000017	0.000001
16.500	1.999	0.000005	0.000000
16.750	1.709	0.000025	0.000002
17.001	1.589	0.000016	0.000001
17.250	1.714	0.000036	0.000002
17.501	1.904	0.000023	0.000002
17.750	2.037	0.000014	0.000001
18.001	2.266	-0.000022	0.000001
18.250	2.241	-0.000019	0.000001
18.500	2.389	0.000046	0.000003
18.751	2.441	-0.000010	0.000001
19.001	2.515	0.000019	0.000001
19.251	2.555	0.000017	0.000001
19.501	2.840	0.000017	0.000001
19.750	2.736	0.000030	0.000002
20.001	3.003	0.000020	0.000001
20.250	3.260	0.000014	0.000001
20.501	3.271	0.000012	0.000001
20.751	3.444	0.000001	0.000000
21.001	3.460	-0.000047	0.000003
21.250	3.512	-0.000011	0.000001
21.500	3.612	0.000008	0.000000
21.751	3.510	0.000045	0.000003
22.000	3.650	0.000005	0.000000
22.250	3.207	-0.000035	0.000002
22.501	3.679	-0.000017	0.000001
22.751	3.736	-0.000026	0.000002
23.001	3.746	0.000003	0.000000
23.250	3.725	0.000002	0.000000
23.500	3.695	0.000043	0.000003
23.751	3.398	0.000082	0.000005
24.000	3.671	0.000009	0.000001
24.250	3.654	0.000020	0.000001

24.500	3.646	-0.000015	0.000001
24.751	3.648	-0.000032	0.000002
25.000	3.764	-0.000031	0.000002
25.250	3.776	0.000007	0.000000
25.500	3.798	-0.000033	0.000002
25.750	3.816	-0.000009	0.000001
26.001	3.795	-0.000005	0.000000
26.251	3.892	0.000018	0.000001
26.501	3.946	0.000023	0.000001
26.750	3.992	-0.000035	0.000002
27.001	3.994	0.000034	0.000002
27.250	3.992	0.000012	0.000001
27.501	3.991	-0.000053	0.000003
27.751	3.992	-0.000004	0.000000
28.000	3.992	0.000029	0.000002
28.250	3.990	-0.000027	0.000002
28.501	3.994	0.000038	0.000002
28.751	3.992	0.000032	0.000002
29.000	3.992	0.000031	0.000002
29.251	3.991	0.000007	0.000000
29.500	3.992	0.000032	0.000002
29.751	3.990	0.000014	0.000001
30.000	3.992	0.000012	0.000001
30.251	3.994	-0.000022	0.000001
30.500	3.992	0.000004	0.000000
30.751	3.991	-0.000043	0.000003
31.000	3.992	0.000029	0.000002
31.251	3.990	-0.000002	0.000000
31.500	3.992	0.000052	0.000003
31.751	3.994	0.000014	0.000001
32.001	3.992	0.000023	0.000001
32.250	3.992	0.000019	0.000001
32.501	3.991	0.000038	0.000002
32.750	3.992	0.000016	0.000001
33.001	3.990	0.000005	0.000000
33.250	3.992	0.000001	0.000000
33.501	3.994	0.000046	0.000003
33.750	3.992	0.000002	0.000000
34.001	3.991	-0.000012	0.000001
34.250	3.992	0.000044	0.000003
34.501	3.990	0.000011	0.000001
34.750	3.992	-0.000012	0.000001
35.001	3.994	0.000055	0.000003
35.251	3.992	0.000006	0.000000
35.500	3.992	0.000012	0.000001
35.751	3.991	-0.000012	0.000001
36.000	3.992	0.000021	0.000001
36.251	3.990	-0.000018	0.000001
36.500	3.992	-0.000008	0.000000
36.751	3.994	-0.000007	0.000000
37.000	3.992	0.000001	0.000000
37.251	3.991	-0.000006	0.000000
37.500	3.992	0.000009	0.000001
37.751	3.990	0.000043	0.000002
38.000	3.992	-0.000011	0.000001
38.251	3.994	-0.000026	0.000001
38.501	3.992	0.000042	0.000002
38.751	3.991	0.000037	0.000002
39.001	3.992	-0.000031	0.000002
39.250	3.992	0.000034	0.000002
39.501	3.990	0.000025	0.000001
39.751	3.994	0.000007	0.000000
40.001	3.992	0.000004	0.000000
40.250	3.992	-0.000005	0.000000
40.501	3.991	0.000012	0.000001
40.750	3.992	-0.000018	0.000001
41.001	3.990	-0.000023	0.000001
41.250	3.992	0.000037	0.000002
41.501	3.994	-0.000029	0.000002
41.750	3.992	0.000035	0.000002
42.001	3.991	0.000012	0.000001
42.250	3.992	-0.000033	0.000002
42.501	3.990	0.000022	0.000001
42.750	3.992	0.000012	0.000001
43.001	3.994	0.000001	0.000000
43.251	3.992	0.000005	0.000000
43.500	3.992	0.000053	0.000003
43.751	3.991	-0.000011	0.000001
44.000	3.992	-0.000010	0.000001
44.251	3.990	-0.000029	0.000002
44.500	3.992	0.000051	0.000003
44.751	3.994	-0.000049	0.000003
45.000	3.992	0.000015	0.000001
45.251	3.991	0.000014	0.000001
45.500	3.992	0.000010	0.000001
45.751	3.990	0.000023	0.000001
46.000	3.992	0.000007	0.000000
46.251	3.994	-0.000018	0.000001
46.501	3.992	-0.000014	0.000001
46.750	3.992	-0.000003	0.000000
47.001	3.991	-0.000002	0.000000
47.250	3.992	-0.000026	0.000002
47.501	3.990	0.000046	0.000003
47.750	3.992	-0.000043	0.000002
48.001	3.994	0.000022	0.000001
48.250	3.992	0.000028	0.000002
48.501	3.991	0.000017	0.000001
48.750	3.992	0.000028	0.000002
49.001	3.990	0.000016	0.000001
49.250	3.992	0.000008	0.000000
49.501	3.994	-0.000002	0.000000
49.751	3.992	-0.000006	0.000000
50.000	3.992	-0.000014	0.000001
50.251	3.991	-0.000011	0.000001
50.500	3.992	0.000034	0.000002
50.751	3.990	0.000024	0.000001

51.000	3.992	-0.000035	0.000002
51.251	3.994	0.000006	0.000000
51.500	3.992	-0.000003	0.000000
51.751	3.991	-0.000038	0.000002
52.000	3.992	-0.000003	0.000000
52.251	3.990	0.000011	0.000001
52.500	3.992	0.000008	0.000000
52.751	3.994	-0.000008	0.000000
53.001	3.941	-0.000022	0.000001
53.250	3.856	-0.000005	0.000000
53.501	3.837	-0.000017	0.000001
53.750	3.839	-0.000049	0.000003
54.001	3.841	-0.000002	0.000000
54.250	3.838	0.000010	0.000001
54.501	3.839	0.000012	0.000001
54.751	3.839	0.000027	0.000002
55.001	3.834	-0.000003	0.000000
55.250	3.837	-0.000049	0.000003
55.501	3.837	-0.000003	0.000000
55.750	3.839	0.000026	0.000001
56.001	3.841	-0.000041	0.000002
56.250	3.839	0.000018	0.000001
56.500	3.839	-0.000024	0.000001
56.750	3.833	-0.000043	0.000002
57.001	3.838	-0.000025	0.000001
57.250	3.839	0.000018	0.000001
57.500	3.832	-0.000032	0.000002
57.751	3.837	0.000019	0.000001
58.000	3.839	0.000017	0.000001
58.251	3.842	0.000028	0.000002
58.500	3.833	-0.000012	0.000001
58.751	3.841	-0.000011	0.000001
59.000	3.836	0.000025	0.000001
59.251	3.839	0.000004	0.000000
59.500	3.832	-0.000001	0.000000
59.751	3.838	0.000018	0.000001
60.000	3.839	-0.000029	0.000002
60.251	3.837	0.000027	0.000002
60.500	3.839	0.000010	0.000001
60.750	3.834	0.000021	0.000001
61.001	3.841	0.000006	0.000000
61.251	3.839	0.000060	0.000003
61.500	3.837	-0.000059	0.000003
61.751	3.839	0.000004	0.000000
62.001	3.834	0.000009	0.000000
62.250	3.839	-0.000024	0.000001
62.501	3.837	-0.000037	0.000002
62.750	3.838	-0.000003	0.000000
63.001	3.842	0.000037	0.000002
63.251	3.838	0.000001	0.000000
63.501	3.833	-0.000013	0.000001
63.750	3.839	-0.000026	0.000001
64.001	3.839	-0.000016	0.000001
64.250	3.839	0.000014	0.000001
64.501	3.836	0.000018	0.000001
64.750	3.839	-0.000013	0.000001
65.001	3.836	0.000004	0.000000
65.250	3.836	-0.000016	0.000001
65.501	3.841	-0.000028	0.000002
65.750	3.838	-0.000024	0.000001
66.001	3.839	0.000034	0.000002
66.251	3.838	-0.000043	0.000002
66.501	3.834	0.000029	0.000002
66.750	3.839	-0.000004	0.000000
67.001	3.836	0.000029	0.000002
67.250	3.838	-0.000034	0.000002
67.501	3.836	-0.000009	0.000000
67.751	3.839	-0.000023	0.000001
68.001	3.839	0.000030	0.000002
68.250	3.839	-0.000003	0.000000
68.501	3.839	0.000003	0.000000
68.750	3.838	0.000008	0.000000
69.001	3.834	0.000027	0.000002
69.251	3.836	0.000000	0.000000
69.500	3.839	-0.000035	0.000002
69.751	3.842	-0.000001	0.000000
70.001	3.838	-0.000004	0.000000
70.250	3.839	0.000021	0.000001
70.500	3.833	0.000022	0.000001
70.751	3.839	-0.000003	0.000000
71.000	3.838	0.000021	0.000001
71.250	3.839	-0.000009	0.000001
71.501	3.823	-0.000038	0.000002
71.751	3.798	0.000018	0.000001
72.000	3.793	0.000034	0.000002

MASS BALANCE INFLOW - OUTFLOW VOLUME

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

TOTAL POINT RAINFALL: 1.2000 INCHES

	WATER
RAINFALL VOLUME	1113.15
INFLOW HYDROGRAPH	639.07
INFLOW HYDROGRAPHS + RAINFALL	1752.22

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

OVERLAND INFILTRATED AND INTERCEPTED WATER 0.89 INCHES

OVERLAND FLOW	WATER
WATER LOST TO INFILTRATION & INTERCEPTION	1025.06
FLOODPLAIN STORAGE	311.68
FLOODPLAIN OUTFLOW HYDROGRAPH	412.59
FLOODPLAIN OUTFLOW, INFILTRATION & STORAGE	1749.33

CHANNEL FLOW	
CHANNEL STORAGE	2.89
CHANNEL OUTFLOW	0.00
CHANNEL OUTFLOW AND STORAGE	2.89

*** TOTALS ***

TOTAL OUTFLOW FROM GRID SYSTEM	412.59
TOTAL VOLUME OF OUTFLOW AND STORAGE	1752.22

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:	2083.86 ACRES
THE MAXIMUM WETTED FLOODPLAIN AREA IS:	2082.55 ACRES
THE MAXIMUM WETTED CHANNEL AREA IS:	1.31 ACRES

COMPUTER RUN TIME IS : 1.72168 HRS

THIS OUTPUT FILE WAS TERMINATED ON: 8/24/2011 AT: 22:24:10

24-Hour, 100-Year HYCROSS.OUT

THE MAXIMUM DISCHARGE FROM CROSS SECTION 1 IS: 675.13 CFS AT TIME: 15.67 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 165.69 AF

NOTE: THE MAXIMUM DISCHARGE AT THIS CROSS SECTION INCLUDES THE CHANNEL DISCHARGE
THE HYDRAULIC VARIABLES IN THE TABLE BELOW ARE COMPUTED FOR THE FLOODPLAIN FLOW (DEPTH > TOL) ONLY
IF THE HYDRAULIC VARIABLES ARE ZERO IN THE TABLE BELOW, ALL THE DISCHARGE IS IN THE CHANNEL

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 1

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	2.26
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	7.37
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	23.99
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	86.42
11.75	150.00	0.21	1.08	143.02
12.00	150.00	0.22	1.39	109.50
12.25	150.00	0.26	1.71	174.08
12.50	150.00	0.24	1.58	132.39
12.75	150.00	0.29	1.69	266.22
13.00	150.00	0.35	2.05	164.24
13.25	150.00	0.27	1.78	124.45
13.50	150.00	0.35	1.96	425.78
13.75	150.00	0.34	2.43	237.08
14.00	150.00	0.32	1.81	344.65
14.25	150.00	0.41	2.76	358.98
14.50	150.00	0.32	2.38	146.87
14.75	150.00	0.42	3.04	568.45
15.00	150.00	0.36	3.11	247.59
15.25	150.00	0.40	2.51	592.96
15.50	150.00	0.45	3.50	394.12
15.75	150.00	0.37	3.22	280.73
16.00	150.00	0.38	2.15	539.56
16.25	150.00	0.36	3.02	248.40
16.50	150.00	0.31	1.79	324.88
16.75	150.00	0.35	1.95	355.60
17.00	150.00	0.32	1.91	93.79
17.25	150.00	0.29	1.57	381.04
17.50	150.00	0.25	1.35	262.41
17.75	150.00	0.20	1.11	37.99
18.00	150.00	0.21	1.18	37.74
18.25	150.00	0.20	1.10	32.32
18.50	150.00	0.16	1.18	29.09
18.75	150.00	0.16	1.18	28.01
19.00	150.00	0.16	1.10	90.19
19.25	150.00	0.17	1.03	25.91
19.50	150.00	0.13	0.56	11.28
19.75	75.00	0.08	1.74	10.48
20.00	150.00	0.13	0.52	80.34
20.25	150.00	0.13	0.50	9.65
20.50	150.00	0.15	0.69	15.20
20.75	75.00	0.07	1.55	7.90
21.00	150.00	0.11	0.41	6.70
21.25	150.00	0.11	0.38	57.55
21.50	150.00	0.12	0.34	6.29
21.75	0.00	0.00	0.00	0.00
22.00	75.00	0.05	1.83	75.39
22.25	150.00	0.12	0.40	50.92
22.50	0.00	0.00	0.00	0.00
22.75	0.00	0.00	0.00	0.00
23.00	0.00	0.00	0.00	36.22

23.25	75.00	0.08	1.34	87.72
23.50	150.00	0.11	0.43	57.40
23.75	150.00	0.14	0.46	44.88
24.00	150.00	0.12	0.40	7.00
24.25	150.00	0.12	0.47	41.14
24.50	0.00	0.00	0.00	0.00
24.75	150.00	0.11	0.34	5.46
25.00	150.00	0.12	0.42	7.48
25.25	0.00	0.00	0.00	0.00
25.50	0.00	0.00	0.00	0.00
25.75	150.00	0.12	0.42	7.66
26.00	75.00	0.06	0.13	118.89
26.25	0.00	0.00	0.00	0.00
26.50	0.00	0.00	0.00	0.00
26.75	0.00	0.00	0.00	0.00
27.00	0.00	0.00	0.00	0.00
27.25	150.00	0.11	0.43	17.09
27.50	0.00	0.00	0.00	0.00
27.75	0.00	0.00	0.00	0.00
28.00	0.00	0.00	0.00	0.00
28.25	0.00	0.00	0.00	0.00
28.50	0.00	0.00	0.00	0.00
28.75	0.00	0.00	0.00	0.00
29.00	0.00	0.00	0.00	0.00
29.25	0.00	0.00	0.00	0.00
29.50	0.00	0.00	0.00	0.00
29.75	0.00	0.00	0.00	0.00
30.00	0.00	0.00	0.00	0.00
30.25	0.00	0.00	0.00	0.00
30.50	0.00	0.00	0.00	0.00
30.75	0.00	0.00	0.00	0.00
31.00	0.00	0.00	0.00	0.00
31.25	0.00	0.00	0.00	0.00
31.50	0.00	0.00	0.00	0.00
31.75	0.00	0.00	0.00	0.00
32.00	0.00	0.00	0.00	0.00
32.25	0.00	0.00	0.00	0.00
32.50	0.00	0.00	0.00	0.00
32.75	0.00	0.00	0.00	0.00
33.00	0.00	0.00	0.00	0.00
33.25	0.00	0.00	0.00	0.00
33.50	0.00	0.00	0.00	0.00
33.75	0.00	0.00	0.00	0.00
34.00	0.00	0.00	0.00	0.00
34.25	0.00	0.00	0.00	0.00
34.50	0.00	0.00	0.00	0.00
34.75	0.00	0.00	0.00	0.00
35.00	0.00	0.00	0.00	0.00
35.25	0.00	0.00	0.00	0.00
35.50	0.00	0.00	0.00	0.00
35.75	0.00	0.00	0.00	0.00
36.00	0.00	0.00	0.00	0.00
36.25	0.00	0.00	0.00	0.00
36.50	0.00	0.00	0.00	0.00
36.75	0.00	0.00	0.00	0.00
37.00	0.00	0.00	0.00	0.00
37.25	0.00	0.00	0.00	0.00
37.50	0.00	0.00	0.00	0.00
37.75	0.00	0.00	0.00	0.00
38.00	0.00	0.00	0.00	0.00
38.25	0.00	0.00	0.00	0.00
38.50	0.00	0.00	0.00	0.00
38.75	0.00	0.00	0.00	0.00
39.00	0.00	0.00	0.00	0.00
39.25	0.00	0.00	0.00	0.00
39.50	0.00	0.00	0.00	0.00
39.75	0.00	0.00	0.00	0.00
40.00	0.00	0.00	0.00	0.00
40.25	0.00	0.00	0.00	0.00
40.50	0.00	0.00	0.00	0.00
40.75	0.00	0.00	0.00	0.00
41.00	0.00	0.00	0.00	0.00
41.25	0.00	0.00	0.00	0.00
41.50	0.00	0.00	0.00	0.00
41.75	0.00	0.00	0.00	0.00
42.00	0.00	0.00	0.00	0.00
42.25	0.00	0.00	0.00	0.00
42.50	0.00	0.00	0.00	0.00
42.75	0.00	0.00	0.00	0.00
43.00	0.00	0.00	0.00	0.00
43.25	0.00	0.00	0.00	0.00
43.50	0.00	0.00	0.00	0.00
43.75	0.00	0.00	0.00	0.00
44.00	0.00	0.00	0.00	0.00
44.25	0.00	0.00	0.00	0.00
44.50	0.00	0.00	0.00	0.00
44.75	0.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	0.00
45.25	0.00	0.00	0.00	0.00
45.50	0.00	0.00	0.00	0.00
45.75	0.00	0.00	0.00	0.00
46.00	0.00	0.00	0.00	0.00
46.25	0.00	0.00	0.00	0.00
46.50	0.00	0.00	0.00	0.00
46.75	0.00	0.00	0.00	0.00
47.00	0.00	0.00	0.00	0.00
47.25	0.00	0.00	0.00	0.00
47.50	0.00	0.00	0.00	0.00
47.75	0.00	0.00	0.00	0.00
48.00	0.00	0.00	0.00	0.00
48.25	0.00	0.00	0.00	0.00
48.50	0.00	0.00	0.00	0.00
48.75	0.00	0.00	0.00	0.00
49.00	0.00	0.00	0.00	0.00
49.25	0.00	0.00	0.00	0.00
49.50	0.00	0.00	0.00	0.00

49.75	0.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	0.00
50.25	0.00	0.00	0.00	0.00
50.50	0.00	0.00	0.00	0.00
50.75	0.00	0.00	0.00	0.00
51.00	0.00	0.00	0.00	0.00
51.25	0.00	0.00	0.00	0.00
51.50	0.00	0.00	0.00	0.00
51.75	0.00	0.00	0.00	0.00
52.00	0.00	0.00	0.00	0.00
52.25	0.00	0.00	0.00	0.00
52.50	0.00	0.00	0.00	0.00
52.75	0.00	0.00	0.00	0.00
53.00	0.00	0.00	0.00	0.00
53.25	0.00	0.00	0.00	0.00
53.50	0.00	0.00	0.00	0.00
53.75	0.00	0.00	0.00	0.00
54.00	0.00	0.00	0.00	0.00
54.25	0.00	0.00	0.00	0.00
54.50	0.00	0.00	0.00	0.00
54.75	0.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	0.00
55.25	0.00	0.00	0.00	0.00
55.50	0.00	0.00	0.00	0.00
55.75	0.00	0.00	0.00	0.00
56.00	0.00	0.00	0.00	0.00
56.25	0.00	0.00	0.00	0.00
56.50	0.00	0.00	0.00	0.00
56.75	0.00	0.00	0.00	0.00
57.00	0.00	0.00	0.00	0.00
57.25	0.00	0.00	0.00	0.00
57.50	0.00	0.00	0.00	0.00
57.75	0.00	0.00	0.00	0.00
58.00	0.00	0.00	0.00	0.00
58.25	0.00	0.00	0.00	0.00
58.50	0.00	0.00	0.00	0.00
58.75	0.00	0.00	0.00	0.00
59.00	0.00	0.00	0.00	0.00
59.25	0.00	0.00	0.00	0.00
59.50	0.00	0.00	0.00	0.00
59.75	0.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	0.00
60.25	0.00	0.00	0.00	0.00
60.50	0.00	0.00	0.00	0.00
60.75	0.00	0.00	0.00	0.00
61.00	0.00	0.00	0.00	0.00
61.25	0.00	0.00	0.00	0.00
61.50	0.00	0.00	0.00	0.00
61.75	0.00	0.00	0.00	0.00
62.00	0.00	0.00	0.00	0.00
62.25	0.00	0.00	0.00	0.00
62.50	0.00	0.00	0.00	0.00
62.75	0.00	0.00	0.00	0.00
63.00	0.00	0.00	0.00	0.00
63.25	0.00	0.00	0.00	0.00
63.50	0.00	0.00	0.00	0.00
63.75	0.00	0.00	0.00	0.00
64.00	0.00	0.00	0.00	0.00
64.25	0.00	0.00	0.00	0.00
64.50	0.00	0.00	0.00	0.00
64.75	0.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	0.00
65.25	0.00	0.00	0.00	0.00
65.50	0.00	0.00	0.00	0.00
65.75	0.00	0.00	0.00	0.00
66.00	0.00	0.00	0.00	0.00
66.25	0.00	0.00	0.00	0.00
66.50	0.00	0.00	0.00	0.00
66.75	0.00	0.00	0.00	0.00
67.00	0.00	0.00	0.00	0.00
67.25	0.00	0.00	0.00	0.00
67.50	0.00	0.00	0.00	0.00
67.75	0.00	0.00	0.00	0.00
68.00	0.00	0.00	0.00	0.00
68.25	0.00	0.00	0.00	0.00
68.50	0.00	0.00	0.00	0.00
68.75	0.00	0.00	0.00	0.00
69.00	0.00	0.00	0.00	0.00
69.25	0.00	0.00	0.00	0.00
69.50	0.00	0.00	0.00	0.00
69.75	0.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	0.00
70.25	0.00	0.00	0.00	0.00
70.50	0.00	0.00	0.00	0.00
70.75	0.00	0.00	0.00	0.00
71.00	0.00	0.00	0.00	0.00
71.25	0.00	0.00	0.00	0.00
71.50	0.00	0.00	0.00	0.00
71.75	0.00	0.00	0.00	0.00
72.00	0.00	0.00	0.00	0.00

THE MAXIMUM DISCHARGE FROM CROSS SECTION 2 IS: 10.68 CFS AT TIME: 22.07 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 0.13 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 2

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00

1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00
13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	0.00
13.75	0.00	0.00	0.00	0.00
14.00	0.00	0.00	0.00	0.00
14.25	0.00	0.00	0.00	0.00
14.50	0.00	0.00	0.00	0.00
14.75	0.00	0.00	0.00	0.00
15.00	0.00	0.00	0.00	0.00
15.25	0.00	0.00	0.00	0.00
15.50	0.00	0.00	0.00	0.00
15.75	0.00	0.00	0.00	0.00
16.00	0.00	0.00	0.00	0.00
16.25	0.00	0.00	0.00	0.00
16.50	0.00	0.00	0.00	0.00
16.75	0.00	0.00	0.00	0.00
17.00	0.00	0.00	0.00	0.00
17.25	0.00	0.00	0.00	0.00
17.50	0.00	0.00	0.00	0.00
17.75	75.00	0.00	0.00	0.00
18.00	75.00	0.00	0.00	0.00
18.25	75.00	0.00	0.00	0.00
18.50	75.00	0.00	0.00	0.00
18.75	75.00	0.00	0.00	0.00
19.00	75.00	0.00	0.00	0.00
19.25	75.00	0.00	0.00	0.00
19.50	75.00	0.00	0.00	0.00
19.75	75.00	0.00	0.00	0.00
20.00	75.00	0.00	0.00	0.00
20.25	75.00	0.00	0.00	0.00
20.50	75.00	0.00	0.00	0.00
20.75	75.00	0.00	0.00	0.00
21.00	75.00	0.00	0.00	0.00
21.25	75.00	0.00	0.00	0.00
21.50	75.00	0.00	0.00	0.00
21.75	75.00	0.00	0.00	0.00
22.00	75.00	0.00	0.00	0.00
22.25	225.00	0.01	1.50	3.18
22.50	75.00	0.00	0.00	0.00
22.75	75.00	0.03	1.01	2.33
23.00	225.00	0.00	0.00	0.00
23.25	75.00	0.00	0.00	0.00
23.50	75.00	0.00	0.00	0.00
23.75	75.00	0.00	0.00	0.00
24.00	75.00	0.03	0.64	1.54
24.25	75.00	0.00	0.00	0.00
24.50	150.00	0.00	0.00	0.00
24.75	75.00	0.00	0.00	0.00
25.00	75.00	0.00	0.00	0.00
25.25	75.00	0.00	0.00	0.00
25.50	75.00	0.00	0.00	0.00
25.75	75.00	0.00	0.00	0.00
26.00	75.00	0.00	0.00	0.00
26.25	75.00	0.00	0.00	0.00
26.50	75.00	0.00	0.00	0.00
26.75	75.00	0.00	0.00	0.00
27.00	75.00	0.00	0.00	0.00
27.25	75.00	0.00	0.00	0.00
27.50	75.00	0.00	0.00	0.00
27.75	75.00	0.00	0.00	0.00

28.00	75.00	0.00	0.00	0.00
28.25	75.00	0.00	0.00	0.00
28.50	225.00	0.01	1.01	2.29
28.75	75.00	0.00	0.00	0.00
29.00	75.00	0.00	0.00	0.00
29.25	75.00	0.00	0.00	0.00
29.50	75.00	0.00	0.00	0.00
29.75	75.00	0.00	0.00	0.00
30.00	75.00	0.00	0.00	0.00
30.25	75.00	0.00	0.00	0.00
30.50	75.00	0.00	0.00	0.00
30.75	75.00	0.00	0.00	0.00
31.00	75.00	0.00	0.00	0.00
31.25	75.00	0.00	0.00	0.00
31.50	75.00	0.00	0.00	0.00
31.75	75.00	0.00	0.00	0.00
32.00	75.00	0.00	0.00	0.00
32.25	75.00	0.00	0.00	0.00
32.50	75.00	0.00	0.00	0.00
32.75	75.00	0.00	0.00	0.00
33.00	75.00	0.00	0.00	0.00
33.25	75.00	0.00	0.00	0.00
33.50	75.00	0.00	0.00	0.00
33.75	75.00	0.00	0.00	0.00
34.00	75.00	0.00	0.00	0.00
34.25	75.00	0.00	0.00	0.00
34.50	75.00	0.00	0.00	0.00
34.75	75.00	0.00	0.00	0.00
35.00	75.00	0.00	0.00	0.00
35.25	75.00	0.00	0.00	0.00
35.50	75.00	0.00	0.00	0.00
35.75	75.00	0.00	0.00	0.00
36.00	75.00	0.00	0.00	0.00
36.25	75.00	0.00	0.00	0.00
36.50	75.00	0.00	0.00	0.00
36.75	75.00	0.00	0.00	0.00
37.00	75.00	0.00	0.00	0.00
37.25	75.00	0.00	0.00	0.00
37.50	75.00	0.00	0.00	0.00
37.75	75.00	0.00	0.00	0.00
38.00	75.00	0.00	0.00	0.00
38.25	75.00	0.00	0.00	0.00
38.50	75.00	0.00	0.00	0.00
38.75	75.00	0.00	0.00	0.00
39.00	75.00	0.00	0.00	0.00
39.25	75.00	0.00	0.00	0.00
39.50	75.00	0.00	0.00	0.00
39.75	75.00	0.00	0.00	0.00
40.00	75.00	0.00	0.00	0.00
40.25	75.00	0.00	0.00	0.00
40.50	75.00	0.00	0.00	0.00
40.75	75.00	0.00	0.00	0.00
41.00	75.00	0.00	0.00	0.00
41.25	75.00	0.00	0.00	0.00
41.50	75.00	0.00	0.00	0.00
41.75	75.00	0.00	0.00	0.00
42.00	75.00	0.00	0.00	0.00
42.25	75.00	0.00	0.00	0.00
42.50	75.00	0.00	0.00	0.00
42.75	75.00	0.00	0.00	0.00
43.00	75.00	0.00	0.00	0.00
43.25	75.00	0.00	0.00	0.00
43.50	75.00	0.00	0.00	0.00
43.75	75.00	0.00	0.00	0.00
44.00	75.00	0.00	0.00	0.00
44.25	75.00	0.00	0.00	0.00
44.50	75.00	0.00	0.00	0.00
44.75	75.00	0.00	0.00	0.00
45.00	75.00	0.00	0.00	0.00
45.25	75.00	0.00	0.00	0.00
45.50	75.00	0.00	0.00	0.00
45.75	75.00	0.00	0.00	0.00
46.00	75.00	0.00	0.00	0.00
46.25	75.00	0.00	0.00	0.00
46.50	75.00	0.00	0.00	0.00
46.75	75.00	0.00	0.00	0.00
47.00	75.00	0.00	0.00	0.00
47.25	75.00	0.00	0.00	0.00
47.50	75.00	0.00	0.00	0.00
47.75	75.00	0.00	0.00	0.00
48.00	75.00	0.00	0.00	0.00
48.25	75.00	0.00	0.00	0.00
48.50	75.00	0.00	0.00	0.00
48.75	75.00	0.00	0.00	0.00
49.00	75.00	0.00	0.00	0.00
49.25	75.00	0.00	0.00	0.00
49.50	75.00	0.00	0.00	0.00
49.75	75.00	0.00	0.00	0.00
50.00	75.00	0.00	0.00	0.00
50.25	75.00	0.00	0.00	0.00
50.50	75.00	0.00	0.00	0.00
50.75	75.00	0.00	0.00	0.00
51.00	75.00	0.00	0.00	0.00
51.25	75.00	0.00	0.00	0.00
51.50	75.00	0.00	0.00	0.00
51.75	75.00	0.00	0.00	0.00
52.00	75.00	0.00	0.00	0.00
52.25	75.00	0.00	0.00	0.00
52.50	75.00	0.00	0.00	0.00
52.75	75.00	0.00	0.00	0.00
53.00	75.00	0.00	0.00	0.00
53.25	75.00	0.00	0.00	0.00
53.50	75.00	0.00	0.00	0.00
53.75	75.00	0.00	0.00	0.00
54.00	75.00	0.00	0.00	0.00
54.25	75.00	0.00	0.00	0.00

54.50	75.00	0.00	0.00	0.00
54.75	75.00	0.00	0.00	0.00
55.00	75.00	0.00	0.00	0.00
55.25	75.00	0.00	0.00	0.00
55.50	75.00	0.00	0.00	0.00
55.75	75.00	0.00	0.00	0.00
56.00	75.00	0.00	0.00	0.00
56.25	75.00	0.00	0.00	0.00
56.50	75.00	0.00	0.00	0.00
56.75	75.00	0.00	0.00	0.00
57.00	75.00	0.00	0.00	0.00
57.25	75.00	0.00	0.00	0.00
57.50	75.00	0.00	0.00	0.00
57.75	75.00	0.00	0.00	0.00
58.00	75.00	0.00	0.00	0.00
58.25	75.00	0.00	0.00	0.00
58.50	75.00	0.00	0.00	0.00
58.75	75.00	0.00	0.00	0.00
59.00	75.00	0.00	0.00	0.00
59.25	75.00	0.00	0.00	0.00
59.50	75.00	0.00	0.00	0.00
59.75	75.00	0.00	0.00	0.00
60.00	75.00	0.00	0.00	0.00
60.25	75.00	0.00	0.00	0.00
60.50	75.00	0.00	0.00	0.00
60.75	75.00	0.00	0.00	0.00
61.00	75.00	0.00	0.00	0.00
61.25	75.00	0.00	0.00	0.00
61.50	75.00	0.00	0.00	0.00
61.75	75.00	0.00	0.00	0.00
62.00	75.00	0.00	0.00	0.00
62.25	75.00	0.00	0.00	0.00
62.50	75.00	0.00	0.00	0.00
62.75	75.00	0.00	0.00	0.00
63.00	75.00	0.00	0.00	0.00
63.25	75.00	0.00	0.00	0.00
63.50	75.00	0.00	0.00	0.00
63.75	75.00	0.00	0.00	0.00
64.00	75.00	0.00	0.00	0.00
64.25	75.00	0.00	0.00	0.00
64.50	75.00	0.00	0.00	0.00
64.75	75.00	0.00	0.00	0.00
65.00	75.00	0.00	0.00	0.00
65.25	75.00	0.00	0.00	0.00
65.50	75.00	0.00	0.00	0.00
65.75	75.00	0.00	0.00	0.00
66.00	75.00	0.00	0.00	0.00
66.25	75.00	0.00	0.00	0.00
66.50	75.00	0.00	0.00	0.00
66.75	75.00	0.00	0.00	0.00
67.00	75.00	0.00	0.00	0.00
67.25	75.00	0.00	0.00	0.00
67.50	75.00	0.00	0.00	0.00
67.75	75.00	0.00	0.00	0.00
68.00	75.00	0.00	0.00	0.00
68.25	75.00	0.00	0.00	0.00
68.50	75.00	0.00	0.00	0.00
68.75	75.00	0.00	0.00	0.00
69.00	75.00	0.00	0.00	0.00
69.25	75.00	0.00	0.00	0.00
69.50	75.00	0.00	0.00	0.00
69.75	75.00	0.00	0.00	0.00
70.00	75.00	0.00	0.00	0.00
70.25	75.00	0.00	0.00	0.00
70.50	75.00	0.00	0.00	0.00
70.75	75.00	0.00	0.00	0.00
71.00	75.00	0.00	0.00	0.00
71.25	75.00	0.00	0.00	0.00
71.50	75.00	0.00	0.00	0.00
71.75	75.00	0.00	0.00	0.00
72.00	75.00	0.00	0.00	0.00

THE MAXIMUM DISCHARGE FROM CROSS SECTION 3 IS: 1369.19 CFS AT TIME: 17.05 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 691.49 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 3

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00

6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00
13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	0.00
13.75	0.00	0.00	0.00	0.00
14.00	0.00	0.00	0.00	0.00
14.25	0.00	0.00	0.00	0.00
14.50	0.00	0.00	0.00	0.00
14.75	0.00	0.00	0.00	0.00
15.00	0.00	0.00	0.00	0.00
15.25	525.00	0.19	4.78	480.42
15.50	825.00	0.31	3.49	882.05
15.75	825.00	0.33	3.62	985.54
16.00	900.00	0.35	3.43	1088.96
16.25	900.00	0.37	3.55	1191.26
16.50	900.00	0.39	3.69	1306.03
16.75	900.00	0.40	3.74	1351.50
17.00	900.00	0.40	3.76	1368.10
17.25	825.00	0.40	4.12	1356.16
17.50	825.00	0.39	4.06	1313.65
17.75	825.00	0.39	4.06	1305.97
18.00	825.00	0.39	4.03	1289.83
18.25	900.00	0.38	3.57	1221.85
18.50	900.00	0.37	3.47	1144.37
18.75	825.00	0.35	3.74	1077.23
19.00	900.00	0.34	3.31	1015.78
19.25	900.00	0.33	3.23	956.55
19.50	825.00	0.32	3.45	899.41
19.75	825.00	0.31	3.37	848.61
20.00	825.00	0.29	3.28	791.12
20.25	750.00	0.28	3.54	734.85
20.50	750.00	0.26	3.42	678.94
20.75	750.00	0.26	3.30	631.16
21.00	750.00	0.25	3.18	585.18
21.25	825.00	0.24	2.77	544.59
21.50	750.00	0.22	3.02	506.22
21.75	750.00	0.21	2.94	471.79
22.00	750.00	0.21	2.83	437.29
22.25	750.00	0.20	2.74	407.73
22.50	750.00	0.19	2.64	377.02
22.75	750.00	0.18	2.54	350.08
23.00	750.00	0.18	2.47	330.11
23.25	750.00	0.17	2.40	309.44
23.50	750.00	0.17	2.33	290.92
23.75	675.00	0.16	2.61	274.03
24.00	750.00	0.15	2.24	256.72
24.25	750.00	0.15	2.18	238.90
24.50	675.00	0.14	2.44	225.39
24.75	600.00	0.13	2.76	211.26
25.00	675.00	0.13	2.29	196.29
25.25	675.00	0.12	2.21	184.21
25.50	675.00	0.12	2.16	173.62
25.75	600.00	0.11	2.41	161.25
26.00	750.00	0.11	1.78	152.63
26.25	525.00	0.10	2.77	145.57
26.50	600.00	0.10	2.26	136.07
26.75	675.00	0.10	1.89	130.32
27.00	600.00	0.10	2.16	124.86
27.25	450.00	0.09	3.07	120.09
27.50	600.00	0.09	2.09	116.08
27.75	750.00	0.10	1.55	115.66
28.00	450.00	0.08	3.01	114.20
28.25	600.00	0.09	2.06	112.31
28.50	750.00	0.10	1.52	110.54
28.75	525.00	0.08	2.35	104.53
29.00	600.00	0.09	1.94	100.97
29.25	525.00	0.08	2.28	97.58
29.50	525.00	0.08	2.24	92.92
29.75	600.00	0.08	1.82	87.79
30.00	600.00	0.08	1.77	82.88
30.25	450.00	0.07	2.50	77.09
30.50	450.00	0.07	2.38	70.78
30.75	525.00	0.07	1.92	67.79
31.00	600.00	0.07	1.49	60.81
31.25	450.00	0.06	2.18	57.39
31.50	450.00	0.06	2.11	53.87
31.75	450.00	0.05	2.05	50.32
32.00	525.00	0.06	1.58	46.75
32.25	525.00	0.05	1.49	42.37
32.50	525.00	0.05	1.51	41.66

32.75	450.00	0.05	1.79	38.52
33.00	525.00	0.05	1.36	35.99
33.25	525.00	0.05	1.35	34.92
33.50	450.00	0.04	1.60	32.31
33.75	525.00	0.05	1.29	32.27
34.00	525.00	0.05	1.23	29.89
34.25	450.00	0.04	1.43	26.81
34.50	450.00	0.04	1.39	25.21
34.75	450.00	0.04	1.40	24.41
35.00	450.00	0.04	1.27	22.14
35.25	600.00	0.05	0.80	22.02
35.50	450.00	0.04	1.18	20.52
35.75	525.00	0.04	0.90	19.62
36.00	450.00	0.04	1.09	18.40
36.25	450.00	0.04	1.07	17.28
36.50	450.00	0.03	1.04	16.21
36.75	450.00	0.03	1.01	15.13
37.00	375.00	0.03	1.28	14.48
37.25	375.00	0.03	1.23	13.48
37.50	375.00	0.03	1.04	11.32
37.75	375.00	0.03	0.94	10.16
38.00	450.00	0.03	0.79	11.47
38.25	450.00	0.03	0.71	9.88
38.50	450.00	0.03	0.70	9.61
38.75	375.00	0.03	0.85	8.37
39.00	450.00	0.03	0.59	7.57
39.25	300.00	0.02	1.09	7.10
39.50	375.00	0.02	0.84	7.46
39.75	375.00	0.02	0.70	6.18
40.00	300.00	0.02	1.21	7.31
40.25	450.00	0.03	0.44	4.98
40.50	450.00	0.03	0.34	3.86
40.75	300.00	0.02	0.83	4.66
41.00	300.00	0.02	0.80	4.32
41.25	300.00	0.02	1.22	6.25
41.50	450.00	0.02	0.37	3.65
41.75	300.00	0.02	0.75	3.46
42.00	375.00	0.02	0.31	2.17
42.25	225.00	0.01	0.74	2.00
42.50	0.00	0.00	0.00	1.97
42.75	375.00	0.02	0.31	2.17
43.00	150.00	0.01	3.41	3.95
43.25	75.00	0.00	10.94	3.16
43.50	150.00	0.01	1.83	2.21
43.75	300.00	0.02	0.22	1.06
44.00	300.00	0.00	0.00	0.00
44.25	0.00	0.00	0.00	0.00
44.50	225.00	0.01	0.70	1.76
44.75	0.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	0.00
45.25	0.00	0.00	0.00	0.91
45.50	0.00	0.00	0.00	0.00
45.75	0.00	0.00	0.00	0.00
46.00	0.00	0.00	0.00	0.95
46.25	0.00	0.00	0.00	0.00
46.50	0.00	0.00	0.00	0.00
46.75	0.00	0.00	0.00	0.00
47.00	0.00	0.00	0.00	0.00
47.25	0.00	0.00	0.00	0.00
47.50	0.00	0.00	0.00	0.00
47.75	0.00	0.00	0.00	0.00
48.00	300.00	0.02	0.49	2.26
48.25	0.00	0.00	0.00	0.00
48.50	0.00	0.00	0.00	0.00
48.75	0.00	0.00	0.00	0.00
49.00	0.00	0.00	0.00	0.00
49.25	150.00	0.00	0.00	0.00
49.50	0.00	0.00	0.00	0.00
49.75	0.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	0.00
50.25	0.00	0.00	0.00	0.00
50.50	0.00	0.00	0.00	0.00
50.75	0.00	0.00	0.00	0.00
51.00	0.00	0.00	0.00	0.80
51.25	0.00	0.00	0.00	0.00
51.50	0.00	0.00	0.00	0.00
51.75	0.00	0.00	0.00	0.00
52.00	0.00	0.00	0.00	0.00
52.25	0.00	0.00	0.00	0.00
52.50	0.00	0.00	0.00	0.00
52.75	0.00	0.00	0.00	0.00
53.00	0.00	0.00	0.00	0.00
53.25	0.00	0.00	0.00	0.00
53.50	0.00	0.00	0.00	0.00
53.75	0.00	0.00	0.00	0.00
54.00	0.00	0.00	0.00	0.00
54.25	0.00	0.00	0.00	0.00
54.50	0.00	0.00	0.00	0.00
54.75	0.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	0.00
55.25	0.00	0.00	0.00	0.00
55.50	0.00	0.00	0.00	0.00
55.75	0.00	0.00	0.00	0.00
56.00	0.00	0.00	0.00	0.00
56.25	0.00	0.00	0.00	0.00
56.50	0.00	0.00	0.00	0.00
56.75	0.00	0.00	0.00	0.00
57.00	0.00	0.00	0.00	0.00
57.25	0.00	0.00	0.00	0.00
57.50	0.00	0.00	0.00	0.00
57.75	0.00	0.00	0.00	0.00
58.00	0.00	0.00	0.00	0.00
58.25	0.00	0.00	0.00	0.00
58.50	0.00	0.00	0.00	0.00
58.75	0.00	0.00	0.00	0.00
59.00	0.00	0.00	0.00	0.00

59.25	0.00	0.00	0.00	0.00
59.50	0.00	0.00	0.00	0.00
59.75	0.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	0.00
60.25	0.00	0.00	0.00	0.00
60.50	0.00	0.00	0.00	0.00
60.75	0.00	0.00	0.00	0.00
61.00	0.00	0.00	0.00	0.00
61.25	0.00	0.00	0.00	0.00
61.50	0.00	0.00	0.00	0.00
61.75	0.00	0.00	0.00	0.00
62.00	0.00	0.00	0.00	0.00
62.25	0.00	0.00	0.00	0.00
62.50	0.00	0.00	0.00	0.00
62.75	0.00	0.00	0.00	0.00
63.00	0.00	0.00	0.00	0.00
63.25	0.00	0.00	0.00	0.00
63.50	0.00	0.00	0.00	0.00
63.75	0.00	0.00	0.00	0.00
64.00	0.00	0.00	0.00	0.00
64.25	0.00	0.00	0.00	0.00
64.50	0.00	0.00	0.00	0.00
64.75	0.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	0.00
65.25	0.00	0.00	0.00	0.00
65.50	0.00	0.00	0.00	0.00
65.75	0.00	0.00	0.00	0.00
66.00	0.00	0.00	0.00	0.00
66.25	0.00	0.00	0.00	0.00
66.50	0.00	0.00	0.00	0.00
66.75	0.00	0.00	0.00	0.00
67.00	0.00	0.00	0.00	0.00
67.25	0.00	0.00	0.00	0.00
67.50	0.00	0.00	0.00	0.00
67.75	0.00	0.00	0.00	0.00
68.00	0.00	0.00	0.00	0.00
68.25	0.00	0.00	0.00	0.00
68.50	0.00	0.00	0.00	0.00
68.75	0.00	0.00	0.00	0.00
69.00	0.00	0.00	0.00	0.00
69.25	0.00	0.00	0.00	0.00
69.50	0.00	0.00	0.00	0.00
69.75	0.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	0.00
70.25	0.00	0.00	0.00	0.00
70.50	0.00	0.00	0.00	0.00
70.75	0.00	0.00	0.00	0.00
71.00	0.00	0.00	0.00	0.00
71.25	0.00	0.00	0.00	0.00
71.50	0.00	0.00	0.00	0.00
71.75	0.00	0.00	0.00	0.00
72.00	0.00	0.00	0.00	0.00

THE MAXIMUM DISCHARGE FROM CROSS SECTION 4 IS: 6.68 CFS AT TIME: 27.71 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 3.45 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 4

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00

11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00
13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	0.00
13.75	0.00	0.00	0.00	0.00
14.00	0.00	0.00	0.00	0.00
14.25	0.00	0.00	0.00	0.00
14.50	0.00	0.00	0.00	0.00
14.75	0.00	0.00	0.00	0.00
15.00	0.00	0.00	0.00	0.00
15.25	0.00	0.00	0.00	0.00
15.50	0.00	0.00	0.00	0.00
15.75	0.00	0.00	0.00	0.00
16.00	0.00	0.00	0.00	0.00
16.25	0.00	0.00	0.00	0.00
16.50	0.00	0.00	0.00	0.00
16.75	0.00	0.00	0.00	0.00
17.00	0.00	0.00	0.00	0.00
17.25	0.00	0.00	0.00	0.00
17.50	0.00	0.00	0.00	0.00
17.75	0.00	0.00	0.00	0.00
18.00	0.00	0.00	0.00	0.00
18.25	0.00	0.00	0.00	0.00
18.50	0.00	0.00	0.00	0.00
18.75	0.00	0.00	0.00	0.00
19.00	0.00	0.00	0.00	0.00
19.25	0.00	0.00	0.00	0.00
19.50	0.00	0.00	0.00	0.00
19.75	0.00	0.00	0.00	0.00
20.00	0.00	0.00	0.00	0.00
20.25	0.00	0.00	0.00	0.00
20.50	0.00	0.00	0.00	0.00
20.75	0.00	0.00	0.00	0.00
21.00	0.00	0.00	0.00	0.00
21.25	0.00	0.00	0.00	0.00
21.50	0.00	0.00	0.00	0.00
21.75	0.00	0.00	0.00	0.00
22.00	225.00	0.00	0.00	0.00
22.25	450.00	0.00	0.00	0.00
22.50	450.00	0.00	0.00	0.00
22.75	375.00	0.00	0.00	0.00
23.00	450.00	0.00	0.00	0.00
23.25	450.00	0.00	0.00	0.00
23.50	450.00	0.00	0.00	0.00
23.75	450.00	0.00	0.00	0.00
24.00	450.00	0.00	0.00	0.00
24.25	450.00	0.00	0.00	0.00
24.50	450.00	0.00	0.00	0.00
24.75	450.00	0.00	0.00	0.00
25.00	450.00	0.07	0.00	0.12
25.25	525.00	0.08	0.05	1.90
25.50	525.00	0.08	0.08	3.46
25.75	525.00	0.08	0.10	4.39
26.00	525.00	0.09	0.11	4.83
26.25	525.00	0.09	0.11	5.22
26.50	525.00	0.09	0.12	5.48
26.75	525.00	0.09	0.12	5.68
27.00	525.00	0.09	0.13	5.78
27.25	525.00	0.09	0.13	5.79
27.50	525.00	0.09	0.13	5.84
27.75	525.00	0.09	0.13	5.89
28.00	525.00	0.09	0.12	5.75
28.25	525.00	0.09	0.12	5.72
28.50	525.00	0.09	0.12	5.49
28.75	525.00	0.09	0.11	5.20
29.00	525.00	0.09	0.11	5.11
29.25	525.00	0.09	0.11	4.85
29.50	525.00	0.08	0.11	4.69
29.75	525.00	0.08	0.10	4.48
30.00	525.00	0.08	0.10	4.28
30.25	525.00	0.08	0.09	3.96
30.50	525.00	0.08	0.09	3.80
30.75	525.00	0.08	0.08	3.59
31.00	525.00	0.08	0.08	3.43
31.25	525.00	0.08	0.08	3.31
31.50	525.00	0.08	0.08	3.18
31.75	525.00	0.08	0.07	3.05
32.00	525.00	0.08	0.07	2.83
32.25	525.00	0.08	0.06	2.67
32.50	525.00	0.08	0.06	2.53
32.75	525.00	0.08	0.06	2.41
33.00	525.00	0.08	0.06	2.22
33.25	525.00	0.08	0.05	2.07
33.50	525.00	0.07	0.05	1.91
33.75	525.00	0.07	0.04	1.70
34.00	525.00	0.07	0.05	1.86
34.25	525.00	0.07	0.04	1.53
34.50	525.00	0.07	0.04	1.45
34.75	525.00	0.07	0.04	1.31
35.00	525.00	0.07	0.03	1.20
35.25	525.00	0.07	0.04	1.36
35.50	525.00	0.07	0.03	1.27
35.75	375.00	0.07	0.03	0.67
36.00	450.00	0.07	0.02	0.73
36.25	525.00	0.07	0.02	0.75
36.50	450.00	0.07	0.01	0.45
36.75	450.00	0.07	0.02	0.47
37.00	375.00	0.07	0.03	0.69
37.25	375.00	0.07	0.02	0.42

37.50	375.00	0.07	0.03	0.66
37.75	300.00	0.06	0.03	0.62
38.00	450.00	0.07	0.01	0.30
38.25	300.00	0.06	0.03	0.50
38.50	225.00	0.06	0.01	0.16
38.75	225.00	0.06	0.03	0.36
39.00	225.00	0.06	0.00	0.04
39.25	225.00	0.06	0.02	0.26
39.50	225.00	0.06	0.02	0.22
39.75	225.00	0.06	0.01	0.18
40.00	225.00	0.06	0.01	0.15
40.25	225.00	0.06	0.01	0.13
40.50	225.00	0.06	0.01	0.10
40.75	225.00	0.06	0.01	0.09
41.00	225.00	0.06	0.01	0.08
41.25	225.00	0.06	0.00	0.05
41.50	225.00	0.06	0.00	0.05
41.75	225.00	0.06	0.00	0.03
42.00	225.00	0.06	0.00	0.05
42.25	225.00	0.06	0.00	0.03
42.50	225.00	0.00	0.00	0.00
42.75	225.00	0.00	0.00	0.00
43.00	225.00	0.00	0.00	0.00
43.25	225.00	0.00	0.00	0.00
43.50	225.00	0.00	0.00	0.00
43.75	225.00	0.00	0.00	0.00
44.00	225.00	0.00	0.00	0.00
44.25	225.00	0.00	0.00	0.00
44.50	225.00	0.00	0.00	0.00
44.75	225.00	0.00	0.00	0.00
45.00	225.00	0.00	0.00	0.00
45.25	225.00	0.00	0.00	0.00
45.50	225.00	0.00	0.00	0.00
45.75	225.00	0.00	0.00	0.00
46.00	225.00	0.00	0.00	0.00
46.25	225.00	0.00	0.00	0.00
46.50	225.00	0.00	0.00	0.00
46.75	225.00	0.00	0.00	0.00
47.00	225.00	0.00	0.00	0.00
47.25	225.00	0.00	0.00	0.00
47.50	225.00	0.00	0.00	0.00
47.75	225.00	0.00	0.00	0.00
48.00	225.00	0.00	0.00	0.00
48.25	225.00	0.00	0.00	0.00
48.50	225.00	0.00	0.00	0.00
48.75	225.00	0.00	0.00	0.00
49.00	225.00	0.00	0.00	0.00
49.25	225.00	0.00	0.00	0.00
49.50	225.00	0.00	0.00	0.00
49.75	225.00	0.00	0.00	0.00
50.00	225.00	0.00	0.00	0.00
50.25	225.00	0.00	0.00	0.00
50.50	225.00	0.00	0.00	0.00
50.75	225.00	0.00	0.00	0.00
51.00	225.00	0.00	0.00	0.00
51.25	225.00	0.00	0.00	0.00
51.50	225.00	0.00	0.00	0.00
51.75	225.00	0.00	0.00	0.00
52.00	225.00	0.00	0.00	0.00
52.25	225.00	0.00	0.00	0.00
52.50	225.00	0.00	0.00	0.00
52.75	225.00	0.00	0.00	0.00
53.00	225.00	0.00	0.00	0.00
53.25	225.00	0.00	0.00	0.00
53.50	225.00	0.00	0.00	0.00
53.75	225.00	0.00	0.00	0.00
54.00	225.00	0.00	0.00	0.00
54.25	225.00	0.00	0.00	0.00
54.50	225.00	0.00	0.00	0.00
54.75	225.00	0.00	0.00	0.00
55.00	225.00	0.00	0.00	0.00
55.25	225.00	0.00	0.00	0.00
55.50	225.00	0.00	0.00	0.00
55.75	225.00	0.00	0.00	0.00
56.00	225.00	0.00	0.00	0.00
56.25	225.00	0.00	0.00	0.00
56.50	225.00	0.00	0.00	0.00
56.75	225.00	0.00	0.00	0.00
57.00	225.00	0.00	0.00	0.00
57.25	225.00	0.00	0.00	0.00
57.50	225.00	0.00	0.00	0.00
57.75	225.00	0.00	0.00	0.00
58.00	225.00	0.00	0.00	0.00
58.25	225.00	0.00	0.00	0.00
58.50	225.00	0.00	0.00	0.00
58.75	225.00	0.00	0.00	0.00
59.00	225.00	0.00	0.00	0.00
59.25	225.00	0.00	0.00	0.00
59.50	225.00	0.00	0.00	0.00
59.75	225.00	0.00	0.00	0.00
60.00	225.00	0.00	0.00	0.00
60.25	225.00	0.00	0.00	0.00
60.50	225.00	0.00	0.00	0.00
60.75	225.00	0.00	0.00	0.00
61.00	225.00	0.00	0.00	0.00
61.25	225.00	0.00	0.00	0.00
61.50	225.00	0.00	0.00	0.00
61.75	225.00	0.00	0.00	0.00
62.00	225.00	0.00	0.00	0.00
62.25	225.00	0.00	0.00	0.00
62.50	225.00	0.00	0.00	0.00
62.75	225.00	0.00	0.00	0.00
63.00	225.00	0.00	0.00	0.00
63.25	225.00	0.00	0.00	0.00
63.50	225.00	0.00	0.00	0.00
63.75	225.00	0.00	0.00	0.00

64.00	225.00	0.00	0.00	0.00
64.25	225.00	0.00	0.00	0.00
64.50	225.00	0.00	0.00	0.00
64.75	225.00	0.00	0.00	0.00
65.00	225.00	0.00	0.00	0.00
65.25	225.00	0.00	0.00	0.00
65.50	225.00	0.00	0.00	0.00
65.75	225.00	0.00	0.00	0.00
66.00	225.00	0.00	0.00	0.00
66.25	225.00	0.00	0.00	0.00
66.50	225.00	0.00	0.00	0.00
66.75	225.00	0.00	0.00	0.00
67.00	225.00	0.00	0.00	0.00
67.25	225.00	0.00	0.00	0.00
67.50	225.00	0.00	0.00	0.00
67.75	225.00	0.00	0.00	0.00
68.00	225.00	0.00	0.00	0.00
68.25	225.00	0.00	0.00	0.00
68.50	225.00	0.00	0.00	0.00
68.75	225.00	0.00	0.00	0.00
69.00	225.00	0.00	0.00	0.00
69.25	225.00	0.00	0.00	0.00
69.50	225.00	0.00	0.00	0.00
69.75	225.00	0.00	0.00	0.00
70.00	225.00	0.00	0.00	0.00
70.25	225.00	0.00	0.00	0.00
70.50	225.00	0.00	0.00	0.00
70.75	225.00	0.00	0.00	0.00
71.00	225.00	0.00	0.00	0.00
71.25	225.00	0.00	0.00	0.00
71.50	225.00	0.00	0.00	0.00
71.75	225.00	0.00	0.00	0.00
72.00	225.00	0.00	0.00	0.00

THE MAXIMUM DISCHARGE FROM CROSS SECTION 5 IS: 343.94 CFS AT TIME: 19.79 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 151.05 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 5

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00
13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	0.00
13.75	0.00	0.00	0.00	0.00
14.00	0.00	0.00	0.00	0.00
14.25	0.00	0.00	0.00	0.00
14.50	0.00	0.00	0.00	0.00
14.75	0.00	0.00	0.00	0.00
15.00	0.00	0.00	0.00	0.00
15.25	0.00	0.00	0.00	0.00
15.50	0.00	0.00	0.00	0.00

15.75	0.00	0.00	0.00	0.00
16.00	0.00	0.00	0.00	0.00
16.25	0.00	0.00	0.00	0.00
16.50	0.00	0.00	0.00	0.00
16.75	0.00	0.00	0.00	0.00
17.00	0.00	0.00	0.00	0.00
17.25	0.00	0.00	0.00	0.00
17.50	0.00	0.00	0.00	0.00
17.75	0.00	0.00	0.00	0.00
18.00	0.00	0.00	0.00	0.00
18.25	0.00	0.00	0.00	0.00
18.50	0.00	0.00	0.00	0.00
18.75	0.00	0.00	0.00	0.00
19.00	0.00	0.00	0.00	0.00
19.25	0.00	0.00	0.00	0.00
19.50	450.00	0.06	2.19	58.80
19.75	525.00	0.13	5.13	343.55
20.00	525.00	0.13	5.10	338.88
20.25	525.00	0.12	5.02	326.28
20.50	525.00	0.12	4.95	313.35
20.75	600.00	0.10	4.75	298.56
21.00	675.00	0.10	4.09	282.55
21.25	675.00	0.10	3.98	269.09
21.50	675.00	0.09	3.98	254.93
21.75	675.00	0.09	3.77	240.76
22.00	675.00	0.09	3.62	225.56
22.25	750.00	0.09	3.10	209.97
22.50	675.00	0.09	3.39	201.27
22.75	750.00	0.09	2.94	188.81
23.00	600.00	0.08	3.67	180.12
23.25	600.00	0.08	3.58	168.97
23.50	675.00	0.08	3.15	160.67
23.75	600.00	0.08	3.41	154.12
24.00	675.00	0.07	3.03	147.02
24.25	600.00	0.07	3.29	139.09
24.50	525.00	0.07	3.82	132.39
24.75	600.00	0.07	3.13	125.11
25.00	600.00	0.06	3.07	118.47
25.25	525.00	0.06	3.55	112.40
25.50	525.00	0.06	3.44	105.18
25.75	525.00	0.06	3.35	99.85
26.00	450.00	0.05	3.99	95.33
26.25	450.00	0.05	3.82	88.68
26.50	450.00	0.05	3.79	85.93
26.75	450.00	0.05	3.63	81.07
27.00	525.00	0.05	2.84	76.51
27.25	450.00	0.05	3.36	72.84
27.50	525.00	0.05	2.62	68.54
27.75	525.00	0.05	2.59	64.76
28.00	450.00	0.05	3.09	63.20
28.25	375.00	0.04	3.89	61.15
28.50	450.00	0.04	3.02	59.30
28.75	450.00	0.04	2.98	57.06
29.00	450.00	0.04	2.87	53.65
29.25	450.00	0.04	2.79	50.86
29.50	450.00	0.04	2.73	48.67
29.75	525.00	0.04	2.08	45.08
30.00	375.00	0.04	3.40	44.70
30.25	375.00	0.03	3.33	42.63
30.50	450.00	0.04	2.47	40.13
30.75	375.00	0.03	3.07	37.49
31.00	375.00	0.03	3.19	38.12
31.25	450.00	0.03	2.38	36.18
31.50	450.00	0.03	2.17	32.43
31.75	450.00	0.03	2.15	31.50
32.00	375.00	0.03	2.75	30.06
32.25	375.00	0.03	2.83	30.39
32.50	375.00	0.03	2.79	29.33
32.75	375.00	0.03	2.75	28.44
33.00	375.00	0.03	2.62	26.31
33.25	300.00	0.02	3.49	24.61
33.50	375.00	0.03	2.47	23.75
33.75	300.00	0.02	3.28	22.26
34.00	375.00	0.02	2.39	22.25
34.25	525.00	0.03	1.36	21.36
34.50	375.00	0.02	2.25	20.55
34.75	450.00	0.03	1.68	20.11
35.00	450.00	0.03	1.63	19.23
35.25	300.00	0.02	2.87	17.73
35.50	300.00	0.02	2.84	17.32
35.75	375.00	0.02	1.99	18.02
36.00	300.00	0.02	2.55	16.32
36.25	375.00	0.02	1.73	15.26
36.50	300.00	0.02	2.29	14.12
36.75	300.00	0.02	2.41	14.68
37.00	375.00	0.02	1.56	13.21
37.25	300.00	0.02	2.10	12.44
37.50	300.00	0.02	2.10	12.37
37.75	300.00	0.02	2.09	12.11
38.00	300.00	0.02	2.04	11.45
38.25	300.00	0.02	2.30	12.50
38.50	300.00	0.02	2.00	10.58
38.75	375.00	0.02	1.33	9.86
39.00	300.00	0.02	1.82	9.21
39.25	300.00	0.02	1.83	9.12
39.50	300.00	0.02	1.79	8.88
39.75	300.00	0.02	1.74	8.60
40.00	300.00	0.02	1.39	6.80
40.25	300.00	0.02	1.57	7.86
40.50	300.00	0.02	1.40	6.93
40.75	300.00	0.02	1.35	6.62
41.00	300.00	0.02	1.16	5.59
41.25	300.00	0.02	1.14	5.34
41.50	300.00	0.01	1.10	4.93
41.75	300.00	0.01	1.06	4.59
42.00	300.00	0.01	1.03	4.32

42.25	300.00	0.01	0.98	3.91
42.50	225.00	0.01	1.63	3.78
42.75	300.00	0.01	0.95	3.58
43.00	225.00	0.01	1.56	3.38
43.25	300.00	0.01	0.86	3.01
43.50	225.00	0.01	1.42	2.65
43.75	225.00	0.01	1.42	2.56
44.00	225.00	0.01	0.89	1.59
44.25	225.00	0.01	1.37	2.44
44.50	300.00	0.01	0.48	1.54
44.75	150.00	0.01	3.07	2.43
45.00	225.00	0.01	0.99	1.76
45.25	225.00	0.00	0.00	0.00
45.50	75.00	0.00	8.03	1.59
45.75	150.00	0.01	1.89	1.50
46.00	225.00	0.01	0.79	1.41
46.25	225.00	0.01	0.34	0.60
46.50	225.00	0.01	0.46	0.81
46.75	150.00	0.00	0.00	0.00
47.00	225.00	0.01	0.46	0.83
47.25	75.00	0.00	7.72	1.53
47.50	75.00	0.00	11.73	2.33
47.75	150.00	0.00	0.00	0.00
48.00	150.00	0.01	1.10	0.87
48.25	75.00	0.00	0.00	0.00
48.50	75.00	0.00	7.13	1.42
48.75	75.00	0.00	7.28	1.45
49.00	150.00	0.01	1.80	1.43
49.25	150.00	0.00	0.00	0.00
49.50	75.00	0.00	7.20	1.43
49.75	75.00	0.00	0.00	0.00
50.00	75.00	0.00	0.00	0.00
50.25	150.00	0.00	0.00	0.00
50.50	75.00	0.00	0.00	0.00
50.75	75.00	0.00	0.00	0.00
51.00	75.00	0.00	0.00	0.00
51.25	75.00	0.00	0.00	0.00
51.50	75.00	0.00	0.00	0.00
51.75	75.00	0.00	0.00	0.00
52.00	75.00	0.00	0.00	0.00
52.25	75.00	0.00	0.00	0.00
52.50	75.00	0.00	0.00	0.00
52.75	75.00	0.00	0.00	0.00
53.00	75.00	0.00	0.00	0.00
53.25	75.00	0.00	0.00	0.00
53.50	75.00	0.00	0.00	0.00
53.75	75.00	0.00	0.00	0.00
54.00	75.00	0.00	0.00	0.00
54.25	75.00	0.00	0.00	0.00
54.50	75.00	0.00	0.00	0.00
54.75	75.00	0.00	0.00	0.00
55.00	75.00	0.00	0.00	0.00
55.25	75.00	0.00	0.00	0.00
55.50	75.00	0.00	0.00	0.00
55.75	75.00	0.00	0.00	0.00
56.00	75.00	0.00	0.00	0.00
56.25	75.00	0.00	0.00	0.00
56.50	75.00	0.00	0.00	0.00
56.75	75.00	0.00	0.00	0.00
57.00	75.00	0.00	0.00	0.00
57.25	75.00	0.00	0.00	0.00
57.50	75.00	0.00	0.00	0.00
57.75	75.00	0.00	0.00	0.00
58.00	75.00	0.00	0.00	0.00
58.25	75.00	0.00	0.00	0.00
58.50	75.00	0.00	0.00	0.00
58.75	75.00	0.00	0.00	0.00
59.00	75.00	0.00	0.00	0.00
59.25	75.00	0.00	0.00	0.00
59.50	75.00	0.00	0.00	0.00
59.75	75.00	0.00	0.00	0.00
60.00	75.00	0.00	0.00	0.00
60.25	75.00	0.00	0.00	0.00
60.50	75.00	0.00	0.00	0.00
60.75	75.00	0.00	0.00	0.00
61.00	75.00	0.00	0.00	0.00
61.25	75.00	0.00	0.00	0.00
61.50	75.00	0.00	0.00	0.00
61.75	75.00	0.00	0.00	0.00
62.00	75.00	0.00	0.00	0.00
62.25	75.00	0.00	0.00	0.00
62.50	75.00	0.00	0.00	0.00
62.75	75.00	0.00	0.00	0.00
63.00	75.00	0.00	0.00	0.00
63.25	75.00	0.00	0.00	0.00
63.50	75.00	0.00	0.00	0.00
63.75	75.00	0.00	0.00	0.00
64.00	75.00	0.00	0.00	0.00
64.25	75.00	0.00	0.00	0.00
64.50	75.00	0.00	0.00	0.00
64.75	75.00	0.00	0.00	0.00
65.00	75.00	0.00	0.00	0.00
65.25	75.00	0.00	0.00	0.00
65.50	75.00	0.00	0.00	0.00
65.75	75.00	0.00	0.00	0.00
66.00	75.00	0.00	0.00	0.00
66.25	75.00	0.00	0.00	0.00
66.50	75.00	0.00	0.00	0.00
66.75	75.00	0.00	0.00	0.00
67.00	75.00	0.00	0.00	0.00
67.25	75.00	0.00	0.00	0.00
67.50	75.00	0.00	0.00	0.00
67.75	75.00	0.00	0.00	0.00
68.00	75.00	0.00	0.00	0.00
68.25	75.00	0.00	0.00	0.00
68.50	75.00	0.00	0.00	0.00

68.75	75.00	0.00	0.00	0.00
69.00	75.00	0.00	0.00	0.00
69.25	75.00	0.00	0.00	0.00
69.50	75.00	0.00	0.00	0.00
69.75	75.00	0.00	0.00	0.00
70.00	75.00	0.00	0.00	0.00
70.25	75.00	0.00	0.00	0.00
70.50	75.00	0.00	0.00	0.00
70.75	75.00	0.00	0.00	0.00
71.00	75.00	0.00	0.00	0.00
71.25	75.00	0.00	0.00	0.00
71.50	75.00	0.00	0.00	0.00
71.75	75.00	0.00	0.00	0.00
72.00	75.00	0.00	0.00	0.00

THE MAXIMUM DISCHARGE FROM CROSS SECTION 6 IS: 6142.49 CFS AT TIME: 15.94 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 3538.70 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 6

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	300.00	0.02	6.10	40.48
10.00	825.00	0.04	1.88	65.69
10.25	1200.00	0.06	1.20	82.80
10.50	1350.00	0.09	1.41	168.45
10.75	2100.00	0.16	1.06	364.32
11.00	2550.00	0.23	1.13	675.08
11.25	2550.00	0.28	1.19	858.17
11.50	2625.00	0.31	1.33	1076.44
11.75	2550.00	0.37	1.55	1479.15
12.00	2625.00	0.39	1.72	1745.32
12.25	2625.00	0.43	1.79	2032.61
12.50	2625.00	0.49	1.90	2418.93
12.75	2775.00	0.51	2.02	2846.37
13.00	2625.00	0.56	2.18	3226.55
13.25	2775.00	0.59	2.18	3569.19
13.50	2775.00	0.61	2.27	3857.52
13.75	2775.00	0.63	2.33	4107.59
14.00	2850.00	0.62	2.46	4323.65
14.25	2775.00	0.67	2.44	4517.23
14.50	2775.00	0.68	2.50	4724.94
14.75	2850.00	0.69	2.54	4966.92
15.00	2775.00	0.72	2.62	5251.79
15.25	2925.00	0.73	2.62	5583.58
15.50	3075.00	0.73	2.60	5884.08
15.75	2775.00	0.78	2.82	6080.40
16.00	2775.00	0.78	2.84	6134.04
16.25	2775.00	0.77	2.82	6036.34
16.50	2775.00	0.75	2.76	5769.52
16.75	2775.00	0.72	2.67	5351.70
17.00	2775.00	0.69	2.56	4918.90
17.25	2775.00	0.66	2.46	4492.74
17.50	2775.00	0.63	2.35	4091.11
17.75	2700.00	0.61	2.30	3766.63
18.00	2700.00	0.58	2.22	3500.40
18.25	2625.00	0.56	2.21	3233.90
18.50	2700.00	0.53	2.06	2967.26
18.75	2625.00	0.51	2.05	2727.37
19.00	2625.00	0.48	1.97	2500.66
19.25	2625.00	0.46	1.90	2307.60
19.50	2625.00	0.44	1.83	2138.47
19.75	2625.00	0.43	1.77	1990.43
20.00	2625.00	0.41	1.72	1859.92
20.25	2625.00	0.40	1.68	1740.22

20.50	2550.00	0.38	1.68	1630.73
20.75	2550.00	0.37	1.63	1530.45
21.00	2550.00	0.36	1.59	1442.64
21.25	2550.00	0.34	1.55	1363.08
21.50	2550.00	0.33	1.52	1292.85
21.75	2550.00	0.33	1.48	1230.45
22.00	2550.00	0.32	1.46	1177.31
22.25	2550.00	0.31	1.43	1134.78
22.50	2550.00	0.30	1.41	1094.40
22.75	2550.00	0.30	1.39	1056.93
23.00	2550.00	0.29	1.37	1027.21
23.25	2550.00	0.29	1.36	1022.40
23.50	2550.00	0.30	1.37	1031.52
23.75	2550.00	0.30	1.37	1039.17
24.00	2550.00	0.30	1.38	1051.23
24.25	2550.00	0.30	1.39	1063.53
24.50	2550.00	0.30	1.38	1047.66
24.75	2550.00	0.29	1.36	1001.27
25.00	2475.00	0.28	1.36	939.57
25.25	2550.00	0.27	1.29	874.55
25.50	2475.00	0.26	1.28	813.23
25.75	2475.00	0.25	1.24	758.00
26.00	2475.00	0.24	1.21	706.54
26.25	2475.00	0.23	1.18	661.19
26.50	2475.00	0.22	1.15	616.36
26.75	2475.00	0.21	1.11	576.13
27.00	2475.00	0.20	1.08	540.59
27.25	2475.00	0.19	1.05	507.17
27.50	2475.00	0.19	1.03	474.99
27.75	2475.00	0.18	1.00	445.20
28.00	2475.00	0.17	0.97	417.41
28.25	2475.00	0.17	0.95	393.66
28.50	2475.00	0.16	0.92	371.33
28.75	2475.00	0.16	0.90	348.96
29.00	2475.00	0.15	0.87	326.38
29.25	2475.00	0.15	0.85	306.98
29.50	2475.00	0.14	0.83	288.17
29.75	2475.00	0.14	0.80	270.40
30.00	2400.00	0.13	0.81	253.91
30.25	2475.00	0.13	0.76	238.29
30.50	2325.00	0.12	0.80	223.50
30.75	2400.00	0.12	0.75	210.31
31.00	2325.00	0.11	0.76	195.63
31.25	2325.00	0.11	0.74	182.10
31.50	2400.00	0.10	0.68	167.97
31.75	2175.00	0.10	0.76	159.09
32.00	2325.00	0.10	0.65	144.16
32.25	2325.00	0.09	0.62	132.60
32.50	2100.00	0.08	0.71	126.34
32.75	2100.00	0.08	0.69	117.39
33.00	2325.00	0.08	0.56	106.64
33.25	2175.00	0.08	0.61	101.47
33.50	2100.00	0.07	0.62	94.66
33.75	2025.00	0.07	0.61	85.68
34.00	1875.00	0.07	0.65	79.86
34.25	2025.00	0.07	0.56	73.43
34.50	1950.00	0.06	0.60	71.53
34.75	2025.00	0.06	0.54	65.29
35.00	1950.00	0.06	0.54	59.41
35.25	1875.00	0.05	0.56	56.70
35.50	1725.00	0.05	0.58	50.68
35.75	1875.00	0.05	0.51	49.21
36.00	1875.00	0.05	0.47	44.65
36.25	1800.00	0.05	0.52	44.98
36.50	1650.00	0.04	0.55	40.42
36.75	1725.00	0.04	0.45	35.21
37.00	1800.00	0.05	0.43	34.87
37.25	1500.00	0.04	0.51	30.42
37.50	1575.00	0.04	0.45	28.41
37.75	1650.00	0.04	0.42	27.51
38.00	1350.00	0.03	0.55	25.89
38.25	1350.00	0.03	0.57	26.52
38.50	1425.00	0.03	0.51	24.70
38.75	1350.00	0.03	0.51	22.56
39.00	1425.00	0.03	0.44	20.67
39.25	1125.00	0.03	0.62	19.84
39.50	1350.00	0.03	0.46	19.75
39.75	1425.00	0.03	0.38	17.38
40.00	1350.00	0.03	0.42	16.98
40.25	1200.00	0.03	0.50	16.39
40.50	1050.00	0.02	0.59	15.02
40.75	975.00	0.02	0.67	14.60
41.00	1275.00	0.03	0.39	13.19
41.25	1275.00	0.03	0.32	10.59
41.50	1050.00	0.02	0.46	10.93
41.75	1050.00	0.02	0.46	10.93
42.00	1050.00	0.02	0.47	10.98
42.25	900.00	0.02	0.60	10.45
42.50	825.00	0.02	0.56	8.18
42.75	825.00	0.02	0.75	10.73
43.00	600.00	0.01	1.15	9.43
43.25	750.00	0.02	0.53	6.21
43.50	900.00	0.02	0.53	8.75
43.75	675.00	0.01	0.86	8.43
44.00	675.00	0.01	0.92	8.92
44.25	825.00	0.02	0.58	8.02
44.50	525.00	0.01	1.11	6.79
44.75	750.00	0.02	0.47	5.29
45.00	975.00	0.02	0.27	4.82
45.25	825.00	0.02	0.57	7.46
45.50	600.00	0.01	0.86	6.17
45.75	600.00	0.01	0.45	3.16
46.00	525.00	0.01	0.99	5.31
46.25	750.00	0.01	0.40	4.07
46.50	450.00	0.01	1.25	4.82
46.75	900.00	0.02	0.13	1.81

47.00	600.00	0.01	0.48	3.03
47.25	525.00	0.01	0.73	3.56
47.50	450.00	0.01	0.63	2.25
47.75	450.00	0.01	0.94	3.31
48.00	375.00	0.01	1.24	2.99
48.25	375.00	0.01	0.45	1.07
48.50	300.00	0.01	1.30	1.98
48.75	225.00	0.00	4.13	3.51
49.00	300.00	0.00	0.83	1.23
49.25	300.00	0.00	1.26	1.85
49.50	300.00	0.00	1.65	2.45
49.75	375.00	0.01	0.52	1.18
50.00	225.00	0.00	1.46	1.20
50.25	225.00	0.00	0.30	0.33
50.50	75.00	0.00	1.37	0.19
50.75	75.00	0.00	0.00	0.00
51.00	75.00	0.00	3.26	0.44
51.25	75.00	0.00	0.00	0.00
51.50	0.00	0.00	0.00	0.00
51.75	0.00	0.00	0.00	0.00
52.00	75.00	0.00	1.27	0.17
52.25	0.00	0.00	0.00	0.00
52.50	75.00	0.00	3.31	0.44
52.75	150.00	0.00	0.00	0.00
53.00	75.00	0.00	0.00	0.00
53.25	75.00	0.00	-0.09	-0.01
53.50	0.00	0.00	0.00	0.00
53.75	0.00	0.00	0.00	0.18
54.00	0.00	0.00	0.00	0.00
54.25	0.00	0.00	0.00	0.00
54.50	0.00	0.00	0.00	0.00
54.75	75.00	0.00	1.32	0.18
55.00	0.00	0.00	0.00	0.00
55.25	0.00	0.00	0.00	0.00
55.50	0.00	0.00	0.00	0.00
55.75	0.00	0.00	0.00	0.00
56.00	0.00	0.00	0.00	0.00
56.25	0.00	0.00	0.00	0.00
56.50	0.00	0.00	0.00	0.00
56.75	0.00	0.00	0.00	0.00
57.00	0.00	0.00	0.00	0.00
57.25	0.00	0.00	0.00	0.00
57.50	0.00	0.00	0.00	0.00
57.75	0.00	0.00	0.00	0.00
58.00	0.00	0.00	0.00	0.00
58.25	0.00	0.00	0.00	0.00
58.50	0.00	0.00	0.00	0.00
58.75	0.00	0.00	0.00	0.00
59.00	0.00	0.00	0.00	0.00
59.25	0.00	0.00	0.00	0.00
59.50	0.00	0.00	0.00	0.00
59.75	0.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	0.00
60.25	0.00	0.00	0.00	0.00
60.50	0.00	0.00	0.00	0.00
60.75	0.00	0.00	0.00	0.00
61.00	0.00	0.00	0.00	0.00
61.25	0.00	0.00	0.00	0.00
61.50	0.00	0.00	0.00	0.00
61.75	0.00	0.00	0.00	0.00
62.00	0.00	0.00	0.00	0.00
62.25	0.00	0.00	0.00	0.00
62.50	0.00	0.00	0.00	0.00
62.75	0.00	0.00	0.00	0.00
63.00	0.00	0.00	0.00	0.00
63.25	0.00	0.00	0.00	0.00
63.50	0.00	0.00	0.00	0.00
63.75	0.00	0.00	0.00	0.00
64.00	0.00	0.00	0.00	0.00
64.25	0.00	0.00	0.00	0.00
64.50	0.00	0.00	0.00	0.00
64.75	0.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	0.00
65.25	0.00	0.00	0.00	0.00
65.50	0.00	0.00	0.00	0.00
65.75	0.00	0.00	0.00	0.00
66.00	0.00	0.00	0.00	0.00
66.25	0.00	0.00	0.00	0.00
66.50	0.00	0.00	0.00	0.00
66.75	0.00	0.00	0.00	0.00
67.00	0.00	0.00	0.00	0.00
67.25	0.00	0.00	0.00	0.00
67.50	0.00	0.00	0.00	0.00
67.75	0.00	0.00	0.00	0.00
68.00	0.00	0.00	0.00	0.00
68.25	0.00	0.00	0.00	0.00
68.50	0.00	0.00	0.00	0.00
68.75	0.00	0.00	0.00	0.00
69.00	0.00	0.00	0.00	0.00
69.25	0.00	0.00	0.00	0.00
69.50	0.00	0.00	0.00	0.00
69.75	0.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	0.00
70.25	0.00	0.00	0.00	0.00
70.50	0.00	0.00	0.00	0.00
70.75	0.00	0.00	0.00	0.00
71.00	0.00	0.00	0.00	0.00
71.25	0.00	0.00	0.00	0.00
71.50	0.00	0.00	0.00	0.00
71.75	0.00	0.00	0.00	0.00
72.00	0.00	0.00	0.00	0.00

THE MAXIMUM DISCHARGE FROM CROSS SECTION 7 IS: 62.82 CFS AT TIME: 15.10 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 20.88 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 7

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	75.00	0.01	0.25	0.13
10.25	225.00	0.02	0.29	1.60
10.50	225.00	0.02	0.35	1.91
10.75	225.00	0.02	0.35	1.92
11.00	225.00	0.03	0.20	1.16
11.25	450.00	0.07	0.35	10.39
11.50	525.00	0.07	0.30	10.77
11.75	600.00	0.08	0.29	13.37
12.00	600.00	0.08	0.35	17.16
12.25	600.00	0.08	0.35	17.64
12.50	525.00	0.09	0.58	26.71
12.75	525.00	0.09	0.59	28.37
13.00	675.00	0.10	0.45	32.14
13.25	600.00	0.10	0.55	33.40
13.50	525.00	0.10	0.70	35.70
13.75	825.00	0.13	0.33	36.23
14.00	600.00	0.11	0.62	42.99
14.25	750.00	0.13	0.46	45.69
14.50	600.00	0.12	0.63	46.22
14.75	600.00	0.12	0.68	51.01
15.00	600.00	0.13	0.74	56.02
15.25	675.00	0.13	0.61	53.36
15.50	600.00	0.12	0.74	53.58
15.75	675.00	0.12	0.60	50.11
16.00	600.00	0.11	0.74	46.83
16.25	600.00	0.10	0.69	42.10
16.50	600.00	0.10	0.60	34.66
16.75	675.00	0.10	0.42	27.25
17.00	300.00	0.10	0.74	23.19
17.25	375.00	0.07	0.83	22.70
17.50	375.00	0.07	0.83	22.67
17.75	300.00	0.09	0.72	19.40
18.00	225.00	0.07	0.84	13.72
18.25	300.00	0.08	0.48	11.73
18.50	300.00	0.07	0.43	9.61
18.75	225.00	0.07	0.52	7.94
19.00	225.00	0.06	0.47	6.07
19.25	300.00	0.07	0.27	5.53
19.50	150.00	0.05	0.74	5.43
19.75	225.00	0.05	0.38	4.21
20.00	150.00	0.04	0.85	4.83
20.25	225.00	0.05	0.24	2.61
20.50	150.00	0.03	0.93	4.65
20.75	150.00	0.03	0.47	2.23
21.00	225.00	0.04	0.24	2.08
21.25	525.00	0.05	0.12	3.05
21.50	75.00	0.02	3.13	3.53
21.75	150.00	0.03	0.19	0.82
22.00	150.00	0.03	0.23	0.98
22.25	225.00	0.02	0.95	4.40
22.50	150.00	0.00	0.00	0.00
22.75	150.00	0.03	0.19	0.83
23.00	150.00	0.03	0.42	1.78
23.25	150.00	0.00	0.00	0.00
23.50	300.00	0.03	0.14	1.29
23.75	75.00	0.02	0.65	0.98
24.00	150.00	0.03	0.64	2.74
24.25	225.00	0.04	0.21	1.74
24.50	75.00	0.01	0.91	0.97
24.75	0.00	0.00	0.00	0.00
25.00	0.00	0.00	0.00	0.97

25.25	0.00	0.00	0.00	0.00
25.50	0.00	0.00	0.00	0.84
25.75	0.00	0.00	0.00	0.00
26.00	0.00	0.00	0.00	0.00
26.25	0.00	0.00	0.00	0.00
26.50	0.00	0.00	0.00	0.00
26.75	0.00	0.00	0.00	0.00
27.00	0.00	0.00	0.00	0.00
27.25	0.00	0.00	0.00	0.00
27.50	0.00	0.00	0.00	0.00
27.75	0.00	0.00	0.00	0.00
28.00	0.00	0.00	0.00	0.00
28.25	0.00	0.00	0.00	0.00
28.50	0.00	0.00	0.00	0.00
28.75	0.00	0.00	0.00	0.00
29.00	0.00	0.00	0.00	0.00
29.25	0.00	0.00	0.00	0.00
29.50	0.00	0.00	0.00	0.00
29.75	0.00	0.00	0.00	0.00
30.00	0.00	0.00	0.00	0.00
30.25	0.00	0.00	0.00	0.00
30.50	0.00	0.00	0.00	0.00
30.75	0.00	0.00	0.00	0.00
31.00	0.00	0.00	0.00	0.00
31.25	0.00	0.00	0.00	0.00
31.50	0.00	0.00	0.00	0.00
31.75	0.00	0.00	0.00	0.00
32.00	0.00	0.00	0.00	0.00
32.25	0.00	0.00	0.00	0.00
32.50	0.00	0.00	0.00	0.00
32.75	0.00	0.00	0.00	0.00
33.00	0.00	0.00	0.00	0.00
33.25	0.00	0.00	0.00	0.00
33.50	0.00	0.00	0.00	0.00
33.75	0.00	0.00	0.00	0.00
34.00	0.00	0.00	0.00	0.00
34.25	0.00	0.00	0.00	0.00
34.50	0.00	0.00	0.00	0.00
34.75	0.00	0.00	0.00	0.00
35.00	0.00	0.00	0.00	0.00
35.25	0.00	0.00	0.00	0.00
35.50	0.00	0.00	0.00	0.00
35.75	0.00	0.00	0.00	0.00
36.00	0.00	0.00	0.00	0.00
36.25	0.00	0.00	0.00	0.00
36.50	0.00	0.00	0.00	0.00
36.75	0.00	0.00	0.00	0.00
37.00	0.00	0.00	0.00	0.00
37.25	0.00	0.00	0.00	0.00
37.50	0.00	0.00	0.00	0.00
37.75	0.00	0.00	0.00	0.00
38.00	0.00	0.00	0.00	0.00
38.25	0.00	0.00	0.00	0.00
38.50	0.00	0.00	0.00	0.00
38.75	0.00	0.00	0.00	0.00
39.00	0.00	0.00	0.00	0.00
39.25	0.00	0.00	0.00	0.00
39.50	0.00	0.00	0.00	0.00
39.75	0.00	0.00	0.00	0.00
40.00	0.00	0.00	0.00	0.00
40.25	0.00	0.00	0.00	0.00
40.50	0.00	0.00	0.00	0.00
40.75	0.00	0.00	0.00	0.00
41.00	0.00	0.00	0.00	0.00
41.25	0.00	0.00	0.00	0.00
41.50	0.00	0.00	0.00	0.00
41.75	0.00	0.00	0.00	0.00
42.00	0.00	0.00	0.00	0.00
42.25	0.00	0.00	0.00	0.00
42.50	0.00	0.00	0.00	0.00
42.75	0.00	0.00	0.00	0.00
43.00	0.00	0.00	0.00	0.00
43.25	0.00	0.00	0.00	0.00
43.50	0.00	0.00	0.00	0.00
43.75	0.00	0.00	0.00	0.00
44.00	0.00	0.00	0.00	0.00
44.25	0.00	0.00	0.00	0.00
44.50	0.00	0.00	0.00	0.00
44.75	0.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	0.00
45.25	0.00	0.00	0.00	0.00
45.50	0.00	0.00	0.00	0.00
45.75	0.00	0.00	0.00	0.00
46.00	0.00	0.00	0.00	0.00
46.25	0.00	0.00	0.00	0.00
46.50	0.00	0.00	0.00	0.00
46.75	0.00	0.00	0.00	0.00
47.00	0.00	0.00	0.00	0.00
47.25	0.00	0.00	0.00	0.00
47.50	0.00	0.00	0.00	0.00
47.75	0.00	0.00	0.00	0.00
48.00	0.00	0.00	0.00	0.00
48.25	0.00	0.00	0.00	0.00
48.50	0.00	0.00	0.00	0.00
48.75	0.00	0.00	0.00	0.00
49.00	0.00	0.00	0.00	0.00
49.25	0.00	0.00	0.00	0.00
49.50	0.00	0.00	0.00	0.00
49.75	0.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	0.00
50.25	0.00	0.00	0.00	0.00
50.50	0.00	0.00	0.00	0.00
50.75	0.00	0.00	0.00	0.00
51.00	0.00	0.00	0.00	0.00
51.25	0.00	0.00	0.00	0.00
51.50	0.00	0.00	0.00	0.00

51.75	0.00	0.00	0.00	0.00
52.00	0.00	0.00	0.00	0.00
52.25	0.00	0.00	0.00	0.00
52.50	0.00	0.00	0.00	0.00
52.75	0.00	0.00	0.00	0.00
53.00	0.00	0.00	0.00	0.00
53.25	0.00	0.00	0.00	0.00
53.50	0.00	0.00	0.00	0.00
53.75	0.00	0.00	0.00	0.00
54.00	0.00	0.00	0.00	0.00
54.25	0.00	0.00	0.00	0.00
54.50	0.00	0.00	0.00	0.00
54.75	0.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	0.00
55.25	0.00	0.00	0.00	0.00
55.50	0.00	0.00	0.00	0.00
55.75	0.00	0.00	0.00	0.00
56.00	0.00	0.00	0.00	0.00
56.25	0.00	0.00	0.00	0.00
56.50	0.00	0.00	0.00	0.00
56.75	0.00	0.00	0.00	0.00
57.00	0.00	0.00	0.00	0.00
57.25	0.00	0.00	0.00	0.00
57.50	0.00	0.00	0.00	0.00
57.75	0.00	0.00	0.00	0.00
58.00	0.00	0.00	0.00	0.00
58.25	0.00	0.00	0.00	0.00
58.50	0.00	0.00	0.00	0.00
58.75	0.00	0.00	0.00	0.00
59.00	0.00	0.00	0.00	0.00
59.25	0.00	0.00	0.00	0.00
59.50	0.00	0.00	0.00	0.00
59.75	0.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	0.00
60.25	0.00	0.00	0.00	0.00
60.50	0.00	0.00	0.00	0.00
60.75	0.00	0.00	0.00	0.00
61.00	0.00	0.00	0.00	0.00
61.25	0.00	0.00	0.00	0.00
61.50	0.00	0.00	0.00	0.00
61.75	0.00	0.00	0.00	0.00
62.00	0.00	0.00	0.00	0.00
62.25	0.00	0.00	0.00	0.00
62.50	0.00	0.00	0.00	0.00
62.75	0.00	0.00	0.00	0.00
63.00	0.00	0.00	0.00	0.00
63.25	0.00	0.00	0.00	0.00
63.50	0.00	0.00	0.00	0.00
63.75	0.00	0.00	0.00	0.00
64.00	0.00	0.00	0.00	0.00
64.25	0.00	0.00	0.00	0.00
64.50	0.00	0.00	0.00	0.00
64.75	0.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	0.00
65.25	0.00	0.00	0.00	0.00
65.50	0.00	0.00	0.00	0.00
65.75	0.00	0.00	0.00	0.00
66.00	0.00	0.00	0.00	0.00
66.25	0.00	0.00	0.00	0.00
66.50	0.00	0.00	0.00	0.00
66.75	0.00	0.00	0.00	0.00
67.00	0.00	0.00	0.00	0.00
67.25	0.00	0.00	0.00	0.00
67.50	0.00	0.00	0.00	0.00
67.75	0.00	0.00	0.00	0.00
68.00	0.00	0.00	0.00	0.00
68.25	0.00	0.00	0.00	0.00
68.50	0.00	0.00	0.00	0.00
68.75	0.00	0.00	0.00	0.00
69.00	0.00	0.00	0.00	0.00
69.25	0.00	0.00	0.00	0.00
69.50	0.00	0.00	0.00	0.00
69.75	0.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	0.00
70.25	0.00	0.00	0.00	0.00
70.50	0.00	0.00	0.00	0.00
70.75	0.00	0.00	0.00	0.00
71.00	0.00	0.00	0.00	0.00
71.25	0.00	0.00	0.00	0.00
71.50	0.00	0.00	0.00	0.00
71.75	0.00	0.00	0.00	0.00
72.00	0.00	0.00	0.00	0.00

THE MAXIMUM DISCHARGE FROM CROSS SECTION 8 IS: 801.69 CFS AT TIME: 16.82 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 412.98 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 8

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00

3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00
13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	0.00
13.75	825.00	0.19	2.13	332.70
14.00	900.00	0.22	2.17	422.72
14.25	900.00	0.24	2.35	504.54
14.50	975.00	0.26	2.21	554.57
14.75	975.00	0.27	2.27	586.90
15.00	900.00	0.27	2.57	630.35
15.25	900.00	0.28	2.63	662.49
15.50	900.00	0.29	2.69	697.04
15.75	900.00	0.29	2.74	727.01
16.00	975.00	0.30	2.54	755.24
16.25	900.00	0.31	2.83	778.77
16.50	900.00	0.31	2.85	789.19
16.75	900.00	0.31	2.87	798.75
17.00	900.00	0.31	2.85	789.43
17.25	975.00	0.31	2.54	754.36
17.50	900.00	0.29	2.71	710.11
17.75	900.00	0.28	2.61	655.48
18.00	900.00	0.26	2.52	598.09
18.25	975.00	0.25	2.20	544.17
18.50	900.00	0.24	2.34	504.18
18.75	900.00	0.23	2.28	473.24
19.00	900.00	0.22	2.20	438.88
19.25	900.00	0.21	2.12	404.56
19.50	900.00	0.20	2.05	370.29
19.75	900.00	0.19	1.96	339.78
20.00	900.00	0.18	1.89	313.42
20.25	900.00	0.18	1.84	292.33
20.50	825.00	0.17	1.94	267.53
20.75	825.00	0.16	1.90	253.42
21.00	825.00	0.16	1.83	234.34
21.25	825.00	0.15	1.75	217.02
21.50	825.00	0.14	1.68	200.53
21.75	900.00	0.14	1.45	188.02
22.00	825.00	0.13	1.57	173.94
22.25	900.00	0.13	1.36	164.21
22.50	825.00	0.13	1.48	154.78
22.75	825.00	0.12	1.42	143.79
23.00	825.00	0.12	1.39	137.15
23.25	900.00	0.12	1.20	130.33
23.50	825.00	0.11	1.32	123.86
23.75	900.00	0.11	1.13	115.77
24.00	825.00	0.11	1.24	109.47
24.25	825.00	0.10	1.18	101.64
24.50	825.00	0.10	1.12	93.50
24.75	825.00	0.10	1.04	84.69
25.00	825.00	0.10	1.04	83.57
25.25	825.00	0.10	0.96	75.89
25.50	825.00	0.09	0.95	73.82
25.75	825.00	0.09	0.97	74.47
26.00	825.00	0.09	1.01	78.63
26.25	750.00	0.10	1.27	92.58
26.50	900.00	0.11	0.98	94.90
26.75	825.00	0.10	1.13	95.84
27.00	825.00	0.10	1.03	84.46
27.25	900.00	0.10	0.90	81.67
27.50	825.00	0.09	0.97	74.96
27.75	825.00	0.09	0.93	68.64
28.00	825.00	0.09	0.85	60.79
28.25	750.00	0.08	0.97	58.45
28.50	825.00	0.08	0.80	53.89
28.75	825.00	0.08	0.74	47.75
29.00	750.00	0.07	0.82	44.41
29.25	825.00	0.07	0.63	38.83
29.50	750.00	0.07	0.73	38.00
29.75	825.00	0.07	0.56	32.95

30.00	825.00	0.07	0.56	31.36
30.25	825.00	0.06	0.51	27.51
30.50	750.00	0.06	0.60	26.71
30.75	750.00	0.06	0.56	24.42
31.00	825.00	0.06	0.46	22.96
31.25	825.00	0.06	0.43	20.61
31.50	750.00	0.05	0.57	22.10
31.75	750.00	0.05	0.46	17.22
32.00	825.00	0.05	0.38	16.72
32.25	750.00	0.05	0.43	15.63
32.50	675.00	0.04	0.47	13.97
32.75	525.00	0.03	0.68	12.37
33.00	450.00	0.03	0.88	11.68
33.25	600.00	0.04	0.61	13.63
33.50	450.00	0.03	0.90	11.38
33.75	300.00	0.02	1.11	7.34
34.00	375.00	0.02	1.30	11.29
34.25	525.00	0.03	0.42	6.80
34.50	450.00	0.03	0.33	4.52
34.75	300.00	0.02	0.89	5.93
35.00	300.00	0.02	0.90	4.54
35.25	450.00	0.03	0.62	7.57
35.50	0.00	0.00	0.00	2.43
35.75	75.00	0.00	3.07	0.96
36.00	75.00	0.01	5.21	2.30
36.25	75.00	0.00	11.63	3.97
36.50	0.00	0.00	0.00	0.86
36.75	0.00	0.00	0.00	0.00
37.00	0.00	0.00	0.00	0.91
37.25	0.00	0.00	0.00	0.00
37.50	0.00	0.00	0.00	0.00
37.75	0.00	0.00	0.00	2.08
38.00	0.00	0.00	0.00	0.00
38.25	0.00	0.00	0.00	0.91
38.50	0.00	0.00	0.00	0.00
38.75	225.00	0.02	0.60	2.37
39.00	75.00	0.00	0.00	0.00
39.25	0.00	0.00	0.00	0.00
39.50	225.00	0.01	2.36	6.95
39.75	0.00	0.00	0.00	0.00
40.00	0.00	0.00	0.00	0.00
40.25	0.00	0.00	0.00	0.00
40.50	0.00	0.00	0.00	0.00
40.75	0.00	0.00	0.00	0.94
41.00	0.00	0.00	0.00	0.00
41.25	0.00	0.00	0.00	0.00
41.50	0.00	0.00	0.00	0.00
41.75	0.00	0.00	0.00	0.00
42.00	0.00	0.00	0.00	0.00
42.25	0.00	0.00	0.00	0.00
42.50	0.00	0.00	0.00	0.00
42.75	0.00	0.00	0.00	0.00
43.00	0.00	0.00	0.00	0.00
43.25	0.00	0.00	0.00	0.00
43.50	0.00	0.00	0.00	0.00
43.75	0.00	0.00	0.00	0.00
44.00	0.00	0.00	0.00	0.00
44.25	0.00	0.00	0.00	0.00
44.50	0.00	0.00	0.00	0.00
44.75	0.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	0.00
45.25	0.00	0.00	0.00	0.00
45.50	0.00	0.00	0.00	0.00
45.75	0.00	0.00	0.00	0.00
46.00	0.00	0.00	0.00	0.00
46.25	0.00	0.00	0.00	0.00
46.50	0.00	0.00	0.00	0.00
46.75	0.00	0.00	0.00	0.00
47.00	0.00	0.00	0.00	0.00
47.25	0.00	0.00	0.00	0.00
47.50	0.00	0.00	0.00	0.00
47.75	0.00	0.00	0.00	0.00
48.00	0.00	0.00	0.00	0.00
48.25	0.00	0.00	0.00	0.00
48.50	0.00	0.00	0.00	0.00
48.75	0.00	0.00	0.00	0.00
49.00	0.00	0.00	0.00	0.00
49.25	0.00	0.00	0.00	0.00
49.50	0.00	0.00	0.00	0.00
49.75	0.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	0.00
50.25	0.00	0.00	0.00	0.00
50.50	0.00	0.00	0.00	0.00
50.75	0.00	0.00	0.00	0.00
51.00	0.00	0.00	0.00	0.00
51.25	0.00	0.00	0.00	0.00
51.50	0.00	0.00	0.00	0.00
51.75	0.00	0.00	0.00	0.00
52.00	0.00	0.00	0.00	0.00
52.25	0.00	0.00	0.00	0.00
52.50	0.00	0.00	0.00	0.00
52.75	0.00	0.00	0.00	0.00
53.00	0.00	0.00	0.00	0.00
53.25	0.00	0.00	0.00	0.00
53.50	0.00	0.00	0.00	0.00
53.75	0.00	0.00	0.00	0.00
54.00	0.00	0.00	0.00	0.00
54.25	0.00	0.00	0.00	0.00
54.50	0.00	0.00	0.00	0.00
54.75	0.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	0.00
55.25	0.00	0.00	0.00	0.00
55.50	0.00	0.00	0.00	0.00
55.75	0.00	0.00	0.00	0.00
56.00	0.00	0.00	0.00	0.00
56.25	0.00	0.00	0.00	0.00

56.50	0.00	0.00	0.00	0.00
56.75	0.00	0.00	0.00	0.00
57.00	0.00	0.00	0.00	0.00
57.25	0.00	0.00	0.00	0.00
57.50	0.00	0.00	0.00	0.00
57.75	0.00	0.00	0.00	0.00
58.00	0.00	0.00	0.00	0.00
58.25	0.00	0.00	0.00	0.00
58.50	0.00	0.00	0.00	0.00
58.75	0.00	0.00	0.00	0.00
59.00	0.00	0.00	0.00	0.00
59.25	0.00	0.00	0.00	0.00
59.50	0.00	0.00	0.00	0.00
59.75	0.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	0.00
60.25	0.00	0.00	0.00	0.00
60.50	0.00	0.00	0.00	0.00
60.75	0.00	0.00	0.00	0.00
61.00	0.00	0.00	0.00	0.00
61.25	0.00	0.00	0.00	0.00
61.50	0.00	0.00	0.00	0.00
61.75	0.00	0.00	0.00	0.00
62.00	0.00	0.00	0.00	0.00
62.25	0.00	0.00	0.00	0.00
62.50	0.00	0.00	0.00	0.00
62.75	0.00	0.00	0.00	0.00
63.00	0.00	0.00	0.00	0.00
63.25	0.00	0.00	0.00	0.00
63.50	0.00	0.00	0.00	0.00
63.75	0.00	0.00	0.00	0.00
64.00	0.00	0.00	0.00	0.00
64.25	0.00	0.00	0.00	0.00
64.50	0.00	0.00	0.00	0.00
64.75	0.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	0.00
65.25	0.00	0.00	0.00	0.00
65.50	0.00	0.00	0.00	0.00
65.75	0.00	0.00	0.00	0.00
66.00	0.00	0.00	0.00	0.00
66.25	0.00	0.00	0.00	0.00
66.50	0.00	0.00	0.00	0.00
66.75	0.00	0.00	0.00	0.00
67.00	0.00	0.00	0.00	0.00
67.25	0.00	0.00	0.00	0.00
67.50	0.00	0.00	0.00	0.00
67.75	0.00	0.00	0.00	0.00
68.00	0.00	0.00	0.00	0.00
68.25	0.00	0.00	0.00	0.00
68.50	0.00	0.00	0.00	0.00
68.75	0.00	0.00	0.00	0.00
69.00	0.00	0.00	0.00	0.00
69.25	0.00	0.00	0.00	0.00
69.50	0.00	0.00	0.00	0.00
69.75	0.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	0.00
70.25	0.00	0.00	0.00	0.00
70.50	0.00	0.00	0.00	0.00
70.75	0.00	0.00	0.00	0.00
71.00	0.00	0.00	0.00	0.00
71.25	0.00	0.00	0.00	0.00
71.50	0.00	0.00	0.00	0.00
71.75	0.00	0.00	0.00	0.00
72.00	0.00	0.00	0.00	0.00

THE MAXIMUM DISCHARGE FROM CROSS SECTION 9 IS: 67.96 CFS AT TIME: 17.44 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 17.23 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 9

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00

8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00
13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	0.00
13.75	0.00	0.00	0.00	0.00
14.00	0.00	0.00	0.00	0.00
14.25	0.00	0.00	0.00	0.00
14.50	0.00	0.00	0.00	0.00
14.75	0.00	0.00	0.00	0.00
15.00	0.00	0.00	0.00	0.00
15.25	0.00	0.00	0.00	0.00
15.50	0.00	0.00	0.00	0.00
15.75	150.00	0.00	1.91	1.22
16.00	75.00	0.00	7.42	1.38
16.25	450.00	0.02	3.04	27.28
16.50	525.00	0.03	2.71	39.53
16.75	750.00	0.04	1.67	44.93
17.00	750.00	0.04	1.87	50.84
17.25	450.00	0.03	4.27	53.50
17.50	600.00	0.03	2.78	52.97
17.75	375.00	0.02	5.34	49.36
18.00	450.00	0.03	3.57	42.50
18.25	375.00	0.02	4.41	38.56
18.50	375.00	0.02	4.09	33.92
18.75	300.00	0.02	5.37	30.51
19.00	450.00	0.02	3.11	30.31
19.25	300.00	0.02	4.71	22.90
19.50	300.00	0.02	5.11	23.11
19.75	375.00	0.02	3.30	20.51
20.00	375.00	0.02	3.11	18.98
20.25	300.00	0.01	4.57	19.33
20.50	375.00	0.02	2.87	16.46
20.75	450.00	0.02	1.70	13.01
21.00	450.00	0.02	1.88	14.35
21.25	525.00	0.02	1.38	13.41
21.50	225.00	0.01	4.89	10.43
21.75	525.00	0.02	1.65	15.47
22.00	450.00	0.02	1.48	10.70
22.25	375.00	0.01	3.61	19.07
22.50	450.00	0.02	1.99	14.73
22.75	375.00	0.02	1.84	10.42
23.00	300.00	0.01	2.49	9.20
23.25	300.00	0.01	3.06	11.40
23.50	375.00	0.01	2.65	14.68
23.75	450.00	0.02	1.92	14.29
24.00	300.00	0.01	2.93	9.52
24.25	225.00	0.01	3.77	7.76
24.50	300.00	0.01	1.72	5.53
24.75	225.00	0.01	2.87	5.78
25.00	150.00	0.01	5.67	5.88
25.25	300.00	0.01	0.98	3.17
25.50	75.00	0.00	0.00	0.00
25.75	75.00	0.00	0.00	0.00
26.00	75.00	0.00	0.00	0.00
26.25	75.00	0.00	0.00	0.00
26.50	75.00	0.00	0.00	0.00
26.75	75.00	0.00	0.00	0.00
27.00	75.00	0.00	0.00	0.00
27.25	75.00	0.00	0.00	0.00
27.50	75.00	0.00	0.00	0.00
27.75	75.00	0.00	0.00	0.00
28.00	75.00	0.00	0.00	0.00
28.25	75.00	0.00	0.00	0.00
28.50	75.00	0.00	0.00	0.00
28.75	75.00	0.00	0.00	0.00
29.00	75.00	0.00	0.00	0.00
29.25	75.00	0.00	0.00	0.00
29.50	75.00	0.00	0.00	0.00
29.75	75.00	0.00	0.00	0.00
30.00	75.00	0.00	0.00	0.00
30.25	75.00	0.00	0.00	0.00
30.50	75.00	0.00	0.00	0.00
30.75	75.00	0.00	0.00	0.00
31.00	75.00	0.00	0.00	0.00
31.25	75.00	0.00	0.00	0.00
31.50	75.00	0.00	0.00	0.00
31.75	75.00	0.00	0.00	0.00
32.00	75.00	0.00	0.00	0.00
32.25	75.00	0.00	0.00	0.00
32.50	75.00	0.00	0.00	0.00
32.75	75.00	0.00	0.00	0.00
33.00	75.00	0.00	0.00	0.00
33.25	75.00	0.00	0.00	0.00
33.50	75.00	0.00	0.00	0.00
33.75	75.00	0.00	0.00	0.00
34.00	75.00	0.00	0.00	0.00
34.25	75.00	0.00	0.00	0.00
34.50	75.00	0.00	0.00	0.00

34.75	75.00	0.00	0.00	0.00
35.00	75.00	0.00	0.00	0.00
35.25	75.00	0.00	0.00	0.00
35.50	75.00	0.00	0.00	0.00
35.75	75.00	0.00	0.00	0.00
36.00	75.00	0.00	0.00	0.00
36.25	75.00	0.00	0.00	0.00
36.50	75.00	0.00	0.00	0.00
36.75	75.00	0.00	0.00	0.00
37.00	75.00	0.00	0.00	0.00
37.25	75.00	0.00	0.00	0.00
37.50	75.00	0.00	0.00	0.00
37.75	75.00	0.00	0.00	0.00
38.00	75.00	0.00	0.00	0.00
38.25	75.00	0.00	0.00	0.00
38.50	75.00	0.00	0.00	0.00
38.75	75.00	0.00	0.00	0.00
39.00	75.00	0.00	0.00	0.00
39.25	75.00	0.00	0.00	0.00
39.50	75.00	0.00	0.00	0.00
39.75	75.00	0.00	0.00	0.00
40.00	75.00	0.00	0.00	0.00
40.25	75.00	0.00	0.00	0.00
40.50	75.00	0.00	0.00	0.00
40.75	75.00	0.00	0.00	0.00
41.00	75.00	0.00	0.00	0.00
41.25	75.00	0.00	0.00	0.00
41.50	75.00	0.00	0.00	0.00
41.75	75.00	0.00	0.00	0.00
42.00	75.00	0.00	0.00	0.00
42.25	75.00	0.00	0.00	0.00
42.50	75.00	0.00	0.00	0.00
42.75	75.00	0.00	0.00	0.00
43.00	75.00	0.00	0.00	0.00
43.25	75.00	0.00	0.00	0.00
43.50	75.00	0.00	0.00	0.00
43.75	75.00	0.00	0.00	0.00
44.00	75.00	0.00	0.00	0.00
44.25	75.00	0.00	0.00	0.00
44.50	75.00	0.00	0.00	0.00
44.75	75.00	0.00	0.00	0.00
45.00	75.00	0.00	0.00	0.00
45.25	75.00	0.00	0.00	0.00
45.50	75.00	0.00	0.00	0.00
45.75	75.00	0.00	0.00	0.00
46.00	75.00	0.00	0.00	0.00
46.25	75.00	0.00	0.00	0.00
46.50	75.00	0.00	0.00	0.00
46.75	75.00	0.00	0.00	0.00
47.00	75.00	0.00	0.00	0.00
47.25	75.00	0.00	0.00	0.00
47.50	75.00	0.00	0.00	0.00
47.75	75.00	0.00	0.00	0.00
48.00	75.00	0.00	0.00	0.00
48.25	75.00	0.00	0.00	0.00
48.50	75.00	0.00	0.00	0.00
48.75	75.00	0.00	0.00	0.00
49.00	75.00	0.00	0.00	0.00
49.25	75.00	0.00	0.00	0.00
49.50	75.00	0.00	0.00	0.00
49.75	75.00	0.00	0.00	0.00
50.00	75.00	0.00	0.00	0.00
50.25	75.00	0.00	0.00	0.00
50.50	75.00	0.00	0.00	0.00
50.75	75.00	0.00	0.00	0.00
51.00	75.00	0.00	0.00	0.00
51.25	75.00	0.00	0.00	0.00
51.50	75.00	0.00	0.00	0.00
51.75	75.00	0.00	0.00	0.00
52.00	75.00	0.00	0.00	0.00
52.25	75.00	0.00	0.00	0.00
52.50	75.00	0.00	0.00	0.00
52.75	75.00	0.00	0.00	0.00
53.00	75.00	0.00	0.00	0.00
53.25	75.00	0.00	0.00	0.00
53.50	75.00	0.00	0.00	0.00
53.75	75.00	0.00	0.00	0.00
54.00	75.00	0.00	0.00	0.00
54.25	75.00	0.00	0.00	0.00
54.50	75.00	0.00	0.00	0.00
54.75	75.00	0.00	0.00	0.00
55.00	75.00	0.00	0.00	0.00
55.25	75.00	0.00	0.00	0.00
55.50	75.00	0.00	0.00	0.00
55.75	75.00	0.00	0.00	0.00
56.00	75.00	0.00	0.00	0.00
56.25	75.00	0.00	0.00	0.00
56.50	75.00	0.00	0.00	0.00
56.75	75.00	0.00	0.00	0.00
57.00	75.00	0.00	0.00	0.00
57.25	75.00	0.00	0.00	0.00
57.50	75.00	0.00	0.00	0.00
57.75	75.00	0.00	0.00	0.00
58.00	75.00	0.00	0.00	0.00
58.25	75.00	0.00	0.00	0.00
58.50	75.00	0.00	0.00	0.00
58.75	75.00	0.00	0.00	0.00
59.00	75.00	0.00	0.00	0.00
59.25	75.00	0.00	0.00	0.00
59.50	75.00	0.00	0.00	0.00
59.75	75.00	0.00	0.00	0.00
60.00	75.00	0.00	0.00	0.00
60.25	75.00	0.00	0.00	0.00
60.50	75.00	0.00	0.00	0.00
60.75	75.00	0.00	0.00	0.00
61.00	75.00	0.00	0.00	0.00

61.25	75.00	0.00	0.00	0.00
61.50	75.00	0.00	0.00	0.00
61.75	75.00	0.00	0.00	0.00
62.00	75.00	0.00	0.00	0.00
62.25	75.00	0.00	0.00	0.00
62.50	75.00	0.00	0.00	0.00
62.75	75.00	0.00	0.00	0.00
63.00	75.00	0.00	0.00	0.00
63.25	75.00	0.00	0.00	0.00
63.50	75.00	0.00	0.00	0.00
63.75	75.00	0.00	0.00	0.00
64.00	75.00	0.00	0.00	0.00
64.25	75.00	0.00	0.00	0.00
64.50	75.00	0.00	0.00	0.00
64.75	75.00	0.00	0.00	0.00
65.00	75.00	0.00	0.00	0.00
65.25	75.00	0.00	0.00	0.00
65.50	75.00	0.00	0.00	0.00
65.75	75.00	0.00	0.00	0.00
66.00	75.00	0.00	0.00	0.00
66.25	75.00	0.00	0.00	0.00
66.50	75.00	0.00	0.00	0.00
66.75	75.00	0.00	0.00	0.00
67.00	75.00	0.00	0.00	0.00
67.25	75.00	0.00	0.00	0.00
67.50	75.00	0.00	0.00	0.00
67.75	75.00	0.00	0.00	0.00
68.00	75.00	0.00	0.00	0.00
68.25	75.00	0.00	0.00	0.00
68.50	75.00	0.00	0.00	0.00
68.75	75.00	0.00	0.00	0.00
69.00	75.00	0.00	0.00	0.00
69.25	75.00	0.00	0.00	0.00
69.50	75.00	0.00	0.00	0.00
69.75	75.00	0.00	0.00	0.00
70.00	75.00	0.00	0.00	0.00
70.25	75.00	0.00	0.00	0.00
70.50	75.00	0.00	0.00	0.00
70.75	75.00	0.00	0.00	0.00
71.00	75.00	0.00	0.00	0.00
71.25	75.00	0.00	0.00	0.00
71.50	75.00	0.00	0.00	0.00
71.75	75.00	0.00	0.00	0.00
72.00	75.00	0.00	0.00	0.00

THE MAXIMUM DISCHARGE FROM CROSS SECTION 10 IS: 48.80 CFS AT TIME: 17.34 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 14.90 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 10

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00

13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	0.00
13.75	0.00	0.00	0.00	0.00
14.00	0.00	0.00	0.00	0.00
14.25	0.00	0.00	0.00	0.00
14.50	0.00	0.00	0.00	0.00
14.75	0.00	0.00	0.00	0.00
15.00	0.00	0.00	0.00	0.00
15.25	0.00	0.00	0.00	0.00
15.50	0.00	0.00	0.00	0.00
15.75	0.00	0.00	0.00	0.00
16.00	75.00	0.01	1.81	1.05
16.25	225.00	0.02	0.80	4.14
16.50	300.00	0.04	0.92	10.50
16.75	375.00	0.07	1.27	32.16
17.00	300.00	0.07	2.01	41.26
17.25	225.00	0.06	3.06	43.71
17.50	225.00	0.06	3.11	43.53
17.75	150.00	0.05	5.27	42.38
18.00	225.00	0.06	3.02	40.23
18.25	225.00	0.06	2.96	38.39
18.50	225.00	0.06	2.79	34.67
18.75	225.00	0.05	2.75	32.90
19.00	150.00	0.04	4.52	30.26
19.25	150.00	0.04	4.45	28.65
19.50	150.00	0.04	4.36	26.97
19.75	150.00	0.04	4.06	23.91
20.00	150.00	0.04	4.53	26.11
20.25	150.00	0.04	3.79	21.24
20.50	150.00	0.04	3.77	20.41
20.75	150.00	0.03	3.43	17.50
21.00	300.00	0.03	1.50	14.64
21.25	225.00	0.04	1.40	12.38
21.50	150.00	0.03	2.51	11.36
21.75	225.00	0.04	1.32	10.55
22.00	225.00	0.03	1.21	9.05
22.25	225.00	0.03	1.49	11.28
22.50	375.00	0.05	0.65	12.15
22.75	300.00	0.04	0.86	11.03
23.00	150.00	0.03	2.14	8.50
23.25	150.00	0.02	2.20	7.34
23.50	225.00	0.03	0.95	6.09
23.75	150.00	0.02	2.10	6.77
24.00	150.00	0.02	1.95	7.20
24.25	150.00	0.02	1.97	6.62
24.50	150.00	0.02	2.08	6.70
24.75	150.00	0.02	2.22	7.15
25.00	150.00	0.02	2.14	6.87
25.25	150.00	0.02	1.37	4.15
25.50	75.00	0.01	3.97	3.35
25.75	75.00	0.01	3.85	2.89
26.00	0.00	0.00	0.00	0.00
26.25	0.00	0.00	0.00	0.00
26.50	0.00	0.00	0.00	0.00
26.75	0.00	0.00	0.00	0.00
27.00	0.00	0.00	0.00	0.00
27.25	0.00	0.00	0.00	0.00
27.50	0.00	0.00	0.00	0.00
27.75	0.00	0.00	0.00	0.00
28.00	0.00	0.00	0.00	0.00
28.25	0.00	0.00	0.00	0.00
28.50	0.00	0.00	0.00	0.00
28.75	0.00	0.00	0.00	0.00
29.00	0.00	0.00	0.00	0.00
29.25	0.00	0.00	0.00	0.00
29.50	0.00	0.00	0.00	0.00
29.75	0.00	0.00	0.00	0.00
30.00	0.00	0.00	0.00	0.00
30.25	0.00	0.00	0.00	0.00
30.50	0.00	0.00	0.00	0.00
30.75	0.00	0.00	0.00	0.00
31.00	0.00	0.00	0.00	0.00
31.25	0.00	0.00	0.00	0.00
31.50	0.00	0.00	0.00	0.00
31.75	0.00	0.00	0.00	0.00
32.00	0.00	0.00	0.00	0.00
32.25	0.00	0.00	0.00	0.00
32.50	0.00	0.00	0.00	0.00
32.75	0.00	0.00	0.00	0.00
33.00	0.00	0.00	0.00	0.00
33.25	0.00	0.00	0.00	0.00
33.50	0.00	0.00	0.00	0.00
33.75	0.00	0.00	0.00	0.00
34.00	0.00	0.00	0.00	0.00
34.25	0.00	0.00	0.00	0.00
34.50	0.00	0.00	0.00	0.00
34.75	0.00	0.00	0.00	0.00
35.00	0.00	0.00	0.00	0.00
35.25	0.00	0.00	0.00	0.00
35.50	0.00	0.00	0.00	0.00
35.75	0.00	0.00	0.00	0.00
36.00	0.00	0.00	0.00	0.00
36.25	0.00	0.00	0.00	0.00
36.50	0.00	0.00	0.00	0.00
36.75	0.00	0.00	0.00	0.00
37.00	0.00	0.00	0.00	0.00
37.25	0.00	0.00	0.00	0.00
37.50	0.00	0.00	0.00	0.00
37.75	0.00	0.00	0.00	0.00
38.00	0.00	0.00	0.00	0.00
38.25	0.00	0.00	0.00	0.00
38.50	0.00	0.00	0.00	0.00
38.75	0.00	0.00	0.00	0.00
39.00	0.00	0.00	0.00	0.00
39.25	0.00	0.00	0.00	0.00

39.50	0.00	0.00	0.00	0.00
39.75	0.00	0.00	0.00	0.00
40.00	0.00	0.00	0.00	0.00
40.25	0.00	0.00	0.00	0.00
40.50	0.00	0.00	0.00	0.00
40.75	0.00	0.00	0.00	0.00
41.00	0.00	0.00	0.00	0.00
41.25	0.00	0.00	0.00	0.00
41.50	0.00	0.00	0.00	0.00
41.75	0.00	0.00	0.00	0.00
42.00	0.00	0.00	0.00	0.00
42.25	0.00	0.00	0.00	0.00
42.50	0.00	0.00	0.00	0.00
42.75	0.00	0.00	0.00	0.00
43.00	0.00	0.00	0.00	0.00
43.25	0.00	0.00	0.00	0.00
43.50	0.00	0.00	0.00	0.00
43.75	0.00	0.00	0.00	0.00
44.00	0.00	0.00	0.00	0.00
44.25	0.00	0.00	0.00	0.00
44.50	0.00	0.00	0.00	0.00
44.75	0.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	0.00
45.25	0.00	0.00	0.00	0.00
45.50	0.00	0.00	0.00	0.00
45.75	0.00	0.00	0.00	0.00
46.00	0.00	0.00	0.00	0.00
46.25	0.00	0.00	0.00	0.00
46.50	0.00	0.00	0.00	0.00
46.75	0.00	0.00	0.00	0.00
47.00	0.00	0.00	0.00	0.00
47.25	0.00	0.00	0.00	0.00
47.50	0.00	0.00	0.00	0.00
47.75	0.00	0.00	0.00	0.00
48.00	0.00	0.00	0.00	0.00
48.25	0.00	0.00	0.00	0.00
48.50	0.00	0.00	0.00	0.00
48.75	0.00	0.00	0.00	0.00
49.00	0.00	0.00	0.00	0.00
49.25	0.00	0.00	0.00	0.00
49.50	0.00	0.00	0.00	0.00
49.75	0.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	0.00
50.25	0.00	0.00	0.00	0.00
50.50	0.00	0.00	0.00	0.00
50.75	0.00	0.00	0.00	0.00
51.00	0.00	0.00	0.00	0.00
51.25	0.00	0.00	0.00	0.00
51.50	0.00	0.00	0.00	0.00
51.75	0.00	0.00	0.00	0.00
52.00	0.00	0.00	0.00	0.00
52.25	0.00	0.00	0.00	0.00
52.50	0.00	0.00	0.00	0.00
52.75	0.00	0.00	0.00	0.00
53.00	0.00	0.00	0.00	0.00
53.25	0.00	0.00	0.00	0.00
53.50	0.00	0.00	0.00	0.00
53.75	0.00	0.00	0.00	0.00
54.00	0.00	0.00	0.00	0.00
54.25	0.00	0.00	0.00	0.00
54.50	0.00	0.00	0.00	0.00
54.75	0.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	0.00
55.25	0.00	0.00	0.00	0.00
55.50	0.00	0.00	0.00	0.00
55.75	0.00	0.00	0.00	0.00
56.00	0.00	0.00	0.00	0.00
56.25	0.00	0.00	0.00	0.00
56.50	0.00	0.00	0.00	0.00
56.75	0.00	0.00	0.00	0.00
57.00	0.00	0.00	0.00	0.00
57.25	0.00	0.00	0.00	0.00
57.50	0.00	0.00	0.00	0.00
57.75	0.00	0.00	0.00	0.00
58.00	0.00	0.00	0.00	0.00
58.25	0.00	0.00	0.00	0.00
58.50	0.00	0.00	0.00	0.00
58.75	0.00	0.00	0.00	0.00
59.00	0.00	0.00	0.00	0.00
59.25	0.00	0.00	0.00	0.00
59.50	0.00	0.00	0.00	0.00
59.75	0.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	0.00
60.25	0.00	0.00	0.00	0.00
60.50	0.00	0.00	0.00	0.00
60.75	0.00	0.00	0.00	0.00
61.00	0.00	0.00	0.00	0.00
61.25	0.00	0.00	0.00	0.00
61.50	0.00	0.00	0.00	0.00
61.75	0.00	0.00	0.00	0.00
62.00	0.00	0.00	0.00	0.00
62.25	0.00	0.00	0.00	0.00
62.50	0.00	0.00	0.00	0.00
62.75	0.00	0.00	0.00	0.00
63.00	0.00	0.00	0.00	0.00
63.25	0.00	0.00	0.00	0.00
63.50	0.00	0.00	0.00	0.00
63.75	0.00	0.00	0.00	0.00
64.00	0.00	0.00	0.00	0.00
64.25	0.00	0.00	0.00	0.00
64.50	0.00	0.00	0.00	0.00
64.75	0.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	0.00
65.25	0.00	0.00	0.00	0.00
65.50	0.00	0.00	0.00	0.00
65.75	0.00	0.00	0.00	0.00

66.00	0.00	0.00	0.00	0.00
66.25	0.00	0.00	0.00	0.00
66.50	0.00	0.00	0.00	0.00
66.75	0.00	0.00	0.00	0.00
67.00	0.00	0.00	0.00	0.00
67.25	0.00	0.00	0.00	0.00
67.50	0.00	0.00	0.00	0.00
67.75	0.00	0.00	0.00	0.00
68.00	0.00	0.00	0.00	0.00
68.25	0.00	0.00	0.00	0.00
68.50	0.00	0.00	0.00	0.00
68.75	0.00	0.00	0.00	0.00
69.00	0.00	0.00	0.00	0.00
69.25	0.00	0.00	0.00	0.00
69.50	0.00	0.00	0.00	0.00
69.75	0.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	0.00
70.25	0.00	0.00	0.00	0.00
70.50	0.00	0.00	0.00	0.00
70.75	0.00	0.00	0.00	0.00
71.00	0.00	0.00	0.00	0.00
71.25	0.00	0.00	0.00	0.00
71.50	0.00	0.00	0.00	0.00
71.75	0.00	0.00	0.00	0.00
72.00	0.00	0.00	0.00	0.00

THE MAXIMUM DISCHARGE FROM CROSS SECTION 11 IS: 509.06 CFS AT TIME: 16.29 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 223.26 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 11

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00
13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	0.00
13.75	0.00	0.00	0.00	0.00
14.00	675.00	0.16	1.43	152.43
14.25	675.00	0.16	1.52	167.63
14.50	675.00	0.17	1.59	180.39
14.75	675.00	0.17	1.62	187.17
15.00	750.00	0.18	1.44	194.13
15.25	675.00	0.21	2.11	303.34
15.50	675.00	0.22	2.24	338.79
15.75	750.00	0.25	2.26	428.09
16.00	750.00	0.26	2.38	472.13
16.25	750.00	0.27	2.44	490.79
16.50	750.00	0.27	2.46	499.49
16.75	750.00	0.27	2.45	499.52
17.00	750.00	0.26	2.37	470.09
17.25	750.00	0.25	2.28	435.08
17.50	750.00	0.24	2.20	402.87

17.75	750.00	0.23	2.04	356.43
18.00	675.00	0.22	2.14	313.27
18.25	675.00	0.21	2.02	282.02
18.50	750.00	0.20	1.69	254.23
18.75	750.00	0.19	1.59	231.91
19.00	675.00	0.18	1.72	211.38
19.25	750.00	0.18	1.41	187.39
19.50	675.00	0.16	1.52	168.05
19.75	675.00	0.16	1.43	152.93
20.00	675.00	0.15	1.35	138.25
20.25	675.00	0.15	1.26	123.42
20.50	675.00	0.14	1.15	108.51
20.75	675.00	0.13	1.07	96.65
21.00	750.00	0.13	0.88	87.80
21.25	675.00	0.12	0.97	81.12
21.50	750.00	0.12	0.79	73.39
21.75	750.00	0.12	0.74	66.65
22.00	675.00	0.11	0.78	58.80
22.25	675.00	0.11	0.76	56.74
22.50	600.00	0.11	0.84	55.46
22.75	675.00	0.11	0.72	53.45
23.00	675.00	0.11	0.72	53.38
23.25	675.00	0.11	0.70	50.77
23.50	675.00	0.11	0.65	46.40
23.75	675.00	0.10	0.63	43.66
24.00	675.00	0.10	0.60	41.87
24.25	675.00	0.10	0.58	38.03
24.50	675.00	0.09	0.54	34.09
24.75	675.00	0.09	0.52	31.83
25.00	600.00	0.09	0.59	31.29
25.25	675.00	0.09	0.46	26.96
25.50	600.00	0.09	0.53	26.87
25.75	600.00	0.08	0.51	24.43
26.00	600.00	0.08	0.47	22.74
26.25	525.00	0.08	0.53	22.23
26.50	675.00	0.08	0.42	23.17
26.75	600.00	0.09	0.53	27.58
27.00	675.00	0.09	0.49	28.73
27.25	675.00	0.09	0.46	27.17
27.50	675.00	0.09	0.49	28.31
27.75	675.00	0.08	0.43	24.10
28.00	525.00	0.08	0.61	24.72
28.25	675.00	0.08	0.40	21.57
28.50	600.00	0.08	0.44	20.79
28.75	375.00	0.07	0.80	20.53
29.00	525.00	0.07	0.50	18.96
29.25	525.00	0.07	0.50	18.57
29.50	675.00	0.07	0.29	14.34
29.75	600.00	0.07	0.37	15.28
30.00	675.00	0.07	0.26	12.92
30.25	600.00	0.07	0.27	11.36
30.50	675.00	0.07	0.21	9.77
30.75	450.00	0.06	0.46	11.97
31.00	450.00	0.06	0.49	13.31
31.25	525.00	0.06	0.36	11.75
31.50	225.00	0.06	0.90	11.47
31.75	600.00	0.07	0.21	8.52
32.00	375.00	0.06	0.50	11.40
32.25	375.00	0.06	0.49	10.30
32.50	300.00	0.06	0.61	10.25
32.75	375.00	0.05	0.61	12.40
33.00	525.00	0.06	0.27	8.29
33.25	375.00	0.06	0.45	9.55
33.50	525.00	0.06	0.28	9.07
33.75	300.00	0.06	0.68	11.55
34.00	450.00	0.06	0.42	11.38
34.25	375.00	0.06	0.51	10.72
34.50	450.00	0.06	0.35	9.39
34.75	450.00	0.06	0.32	8.49
35.00	450.00	0.06	0.40	10.48
35.25	450.00	0.06	0.30	8.39
35.50	525.00	0.06	0.28	8.62
35.75	450.00	0.06	0.23	6.13
36.00	525.00	0.06	0.29	9.80
36.25	450.00	0.06	0.42	10.47
36.50	600.00	0.07	0.21	8.27
36.75	525.00	0.06	0.22	7.31
37.00	450.00	0.06	0.31	8.29
37.25	450.00	0.06	0.33	8.98
37.50	600.00	0.06	0.31	11.56
37.75	300.00	0.06	0.73	12.31
38.00	375.00	0.06	0.48	10.49
38.25	450.00	0.06	0.24	6.69
38.50	300.00	0.06	0.47	8.35
38.75	450.00	0.06	0.33	8.35
39.00	600.00	0.06	0.22	8.33
39.25	300.00	0.05	0.54	8.35
39.50	375.00	0.06	0.32	7.25
39.75	525.00	0.06	0.34	10.53
40.00	600.00	0.06	0.28	10.49
40.25	225.00	0.05	0.82	10.04
40.50	525.00	0.06	0.26	8.52
40.75	525.00	0.06	0.32	10.38
41.00	450.00	0.06	0.27	7.30
41.25	600.00	0.07	0.21	8.37
41.50	450.00	0.06	0.41	10.97
41.75	675.00	0.07	0.19	8.74
42.00	525.00	0.06	0.28	8.88
42.25	525.00	0.06	0.30	10.03
42.50	375.00	0.06	0.45	10.27
42.75	450.00	0.06	0.41	10.95
43.00	300.00	0.06	0.63	10.80
43.25	375.00	0.05	0.43	8.70
43.50	450.00	0.06	0.25	7.14
43.75	450.00	0.06	0.44	11.38
44.00	450.00	0.06	0.27	7.34

44.25	300.00	0.06	0.64	10.74
44.50	450.00	0.06	0.42	11.20
44.75	450.00	0.06	0.39	10.43
45.00	525.00	0.06	0.30	10.15
45.25	600.00	0.06	0.25	9.47
45.50	450.00	0.06	0.41	11.00
45.75	375.00	0.06	0.30	6.16
46.00	450.00	0.06	0.26	6.96
46.25	450.00	0.06	0.34	8.41
46.50	375.00	0.06	0.40	9.17
46.75	375.00	0.05	0.37	7.20
47.00	450.00	0.06	0.49	12.22
47.25	225.00	0.05	0.76	9.37
47.50	300.00	0.06	0.55	9.32
47.75	450.00	0.06	0.37	9.55
48.00	450.00	0.06	0.44	11.46
48.25	525.00	0.06	0.29	9.26
48.50	525.00	0.06	0.27	8.36
48.75	450.00	0.06	0.27	7.26
49.00	450.00	0.06	0.34	9.22
49.25	300.00	0.06	0.50	8.45
49.50	600.00	0.06	0.25	9.36
49.75	600.00	0.06	0.19	7.29
50.00	450.00	0.06	0.37	9.36
50.25	525.00	0.06	0.22	7.32
50.50	450.00	0.06	0.39	10.14
50.75	600.00	0.06	0.25	9.35
51.00	600.00	0.07	0.19	7.38
51.25	525.00	0.06	0.29	8.98
51.50	300.00	0.06	0.64	10.84
51.75	450.00	0.06	0.28	7.32
52.00	375.00	0.06	0.47	9.83
52.25	375.00	0.06	0.53	11.09
52.50	375.00	0.06	0.48	10.93
52.75	450.00	0.06	0.28	7.46
53.00	375.00	0.06	0.57	12.07
53.25	450.00	0.06	0.34	9.31
53.50	600.00	0.06	0.23	8.84
53.75	600.00	0.07	0.22	8.65
54.00	450.00	0.06	0.36	9.42
54.25	450.00	0.06	0.44	11.52
54.50	600.00	0.06	0.25	9.29
54.75	300.00	0.06	0.56	9.43
55.00	600.00	0.07	0.24	9.30
55.25	450.00	0.06	0.31	8.32
55.50	525.00	0.06	0.31	9.81
55.75	300.00	0.06	0.56	9.46
56.00	450.00	0.06	0.33	8.47
56.25	600.00	0.07	0.22	8.57
56.50	525.00	0.06	0.32	10.01
56.75	300.00	0.06	0.61	10.42
57.00	525.00	0.06	0.30	9.34
57.25	375.00	0.06	0.51	11.58
57.50	375.00	0.05	0.44	8.94
57.75	450.00	0.06	0.44	11.37
58.00	375.00	0.06	0.54	11.29
58.25	450.00	0.06	0.30	8.34
58.50	450.00	0.06	0.46	12.03
58.75	525.00	0.06	0.26	8.36
59.00	450.00	0.06	0.32	8.93
59.25	525.00	0.06	0.26	8.38
59.50	375.00	0.06	0.35	7.29
59.75	525.00	0.06	0.25	8.15
60.00	525.00	0.06	0.26	8.51
60.25	375.00	0.06	0.48	10.50
60.50	525.00	0.06	0.33	10.37
60.75	525.00	0.06	0.33	10.53
61.00	375.00	0.05	0.52	10.46
61.25	375.00	0.06	0.55	11.55
61.50	525.00	0.06	0.19	6.10
61.75	450.00	0.06	0.35	9.58
62.00	525.00	0.06	0.28	9.38
62.25	600.00	0.07	0.22	8.45
62.50	525.00	0.06	0.21	7.09
62.75	600.00	0.07	0.27	10.52
63.00	450.00	0.06	0.26	6.66
63.25	525.00	0.06	0.26	8.36
63.50	525.00	0.06	0.30	9.46
63.75	525.00	0.06	0.30	9.46
64.00	375.00	0.06	0.39	8.94
64.25	450.00	0.07	0.30	8.95
64.50	525.00	0.06	0.25	8.28
64.75	375.00	0.06	0.29	6.73
65.00	300.00	0.06	0.82	13.89
65.25	450.00	0.06	0.41	10.69
65.50	375.00	0.06	0.50	11.45
65.75	300.00	0.06	0.41	7.25
66.00	450.00	0.06	0.35	9.16
66.25	450.00	0.06	0.30	8.39
66.50	600.00	0.07	0.18	6.87
66.75	450.00	0.06	0.32	8.32
67.00	375.00	0.06	0.37	8.48
67.25	450.00	0.06	0.41	10.99
67.50	600.00	0.06	0.25	9.34
67.75	300.00	0.06	0.53	8.89
68.00	375.00	0.06	0.53	12.01
68.25	525.00	0.06	0.29	9.43
68.50	450.00	0.06	0.41	11.00
68.75	375.00	0.06	0.48	10.45
69.00	525.00	0.06	0.28	8.98
69.25	450.00	0.06	0.36	9.65
69.50	375.00	0.05	0.52	10.53
69.75	600.00	0.07	0.26	10.39
70.00	450.00	0.06	0.31	8.27
70.25	525.00	0.06	0.30	9.52
70.50	600.00	0.06	0.22	8.33

70.75	525.00	0.06	0.34	10.61
71.00	300.00	0.06	0.55	9.32
71.25	600.00	0.06	0.17	6.30
71.50	525.00	0.06	0.33	10.56
71.75	450.00	0.06	0.30	7.97
72.00	525.00	0.06	0.23	7.24

THE MAXIMUM DISCHARGE FROM CROSS SECTION 12 IS: 520.87 CFS AT TIME: 16.29 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 287.20 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 12

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00
13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	0.00
13.75	375.00	0.12	4.28	185.34
14.00	375.00	0.14	5.00	258.54
14.25	450.00	0.16	4.38	308.19
14.50	450.00	0.17	4.52	336.15
14.75	450.00	0.17	4.60	350.73
15.00	450.00	0.17	4.66	363.42
15.25	450.00	0.18	4.74	378.87
15.50	450.00	0.19	4.93	415.91
15.75	450.00	0.20	5.11	455.77
16.00	450.00	0.20	5.24	480.06
16.25	450.00	0.21	5.29	489.91
16.50	450.00	0.21	5.34	499.64
16.75	450.00	0.20	5.27	483.92
17.00	450.00	0.20	5.11	451.25
17.25	450.00	0.19	4.87	407.90
17.50	525.00	0.17	4.07	362.77
17.75	450.00	0.16	4.41	316.03
18.00	450.00	0.15	4.13	273.94
18.25	375.00	0.13	4.85	242.87
18.50	375.00	0.13	4.65	220.94
18.75	375.00	0.12	4.44	201.21
19.00	450.00	0.11	3.56	180.50
19.25	450.00	0.11	3.18	158.46
19.50	375.00	0.10	3.84	144.64
19.75	450.00	0.10	3.04	131.11
20.00	450.00	0.10	2.72	116.44
20.25	450.00	0.09	2.62	105.20
20.50	375.00	0.08	3.17	94.16
20.75	450.00	0.08	2.43	87.30
21.00	375.00	0.07	2.92	78.53
21.25	525.00	0.07	2.00	74.19
21.50	375.00	0.06	2.71	65.94
21.75	375.00	0.06	2.63	60.82
22.00	450.00	0.06	1.95	55.77
22.25	450.00	0.06	2.03	54.62

22.50	375.00	0.06	2.37	50.73
22.75	450.00	0.06	1.77	47.93
23.00	375.00	0.05	2.05	40.75
23.25	375.00	0.05	1.86	36.37
23.50	525.00	0.06	1.04	33.15
23.75	375.00	0.05	1.77	32.51
24.00	375.00	0.05	1.80	31.41
24.25	375.00	0.05	1.71	29.25
24.50	375.00	0.05	1.73	29.64
24.75	375.00	0.04	1.71	28.38
25.00	375.00	0.04	1.76	28.75
25.25	375.00	0.04	1.71	27.64
25.50	375.00	0.04	1.61	26.01
25.75	375.00	0.04	1.60	25.91
26.00	375.00	0.04	1.68	27.48
26.25	375.00	0.05	1.83	30.87
26.50	375.00	0.05	1.75	30.24
26.75	375.00	0.05	1.70	29.74
27.00	375.00	0.05	1.79	31.16
27.25	375.00	0.04	1.77	29.56
27.50	375.00	0.04	1.69	27.51
27.75	375.00	0.04	1.55	24.57
28.00	375.00	0.04	1.58	24.95
28.25	375.00	0.04	1.65	25.83
28.50	375.00	0.04	1.55	24.32
28.75	375.00	0.04	1.52	23.73
29.00	375.00	0.04	1.51	23.61
29.25	375.00	0.04	1.46	22.82
29.50	375.00	0.04	1.39	21.75
29.75	375.00	0.04	1.70	26.45
30.00	375.00	0.04	1.55	24.13
30.25	375.00	0.04	1.53	23.81
30.50	375.00	0.04	1.71	26.60
30.75	375.00	0.04	1.49	23.21
31.00	375.00	0.04	1.58	24.49
31.25	375.00	0.04	1.66	25.80
31.50	375.00	0.04	1.46	22.79
31.75	375.00	0.04	1.57	24.43
32.00	375.00	0.04	1.63	25.56
32.25	375.00	0.04	1.46	22.95
32.50	375.00	0.04	1.54	24.14
32.75	375.00	0.04	1.69	26.35
33.00	375.00	0.04	1.71	26.70
33.25	375.00	0.04	1.44	22.49
33.50	375.00	0.04	1.52	23.73
33.75	375.00	0.04	1.50	23.41
34.00	375.00	0.04	1.75	27.17
34.25	375.00	0.04	1.48	23.13
34.50	375.00	0.04	1.58	24.64
34.75	375.00	0.04	1.42	22.14
35.00	375.00	0.04	1.73	27.02
35.25	375.00	0.04	1.53	23.91
35.50	375.00	0.04	1.56	24.26
35.75	375.00	0.04	1.57	24.47
36.00	375.00	0.04	1.44	22.52
36.25	375.00	0.04	1.62	25.23
36.50	375.00	0.04	1.48	23.02
36.75	375.00	0.04	1.64	25.60
37.00	375.00	0.04	1.53	23.82
37.25	375.00	0.04	1.52	23.79
37.50	375.00	0.04	1.42	22.13
37.75	375.00	0.04	1.59	24.89
38.00	375.00	0.04	1.54	23.99
38.25	375.00	0.04	1.60	25.00
38.50	375.00	0.04	1.59	24.77
38.75	375.00	0.04	1.50	23.36
39.00	375.00	0.04	1.56	24.38
39.25	375.00	0.04	1.65	25.77
39.50	375.00	0.04	1.59	24.84
39.75	375.00	0.04	1.61	25.05
40.00	375.00	0.04	1.54	24.19
40.25	375.00	0.04	1.65	25.85
40.50	375.00	0.04	1.56	24.45
40.75	375.00	0.04	1.64	25.60
41.00	375.00	0.04	1.66	25.96
41.25	375.00	0.04	1.52	23.71
41.50	375.00	0.04	1.52	23.72
41.75	375.00	0.04	1.53	23.84
42.00	375.00	0.04	1.48	23.10
42.25	375.00	0.04	1.63	25.47
42.50	375.00	0.04	1.47	22.88
42.75	375.00	0.04	1.61	25.15
43.00	375.00	0.04	1.62	25.33
43.25	375.00	0.04	1.50	23.43
43.50	375.00	0.04	1.47	22.97
43.75	375.00	0.04	1.52	23.66
44.00	375.00	0.04	1.44	22.48
44.25	375.00	0.04	1.67	26.06
44.50	375.00	0.04	1.74	27.17
44.75	375.00	0.04	1.64	25.62
45.00	375.00	0.04	1.53	23.89
45.25	375.00	0.04	1.46	22.89
45.50	375.00	0.04	1.65	25.81
45.75	375.00	0.04	1.59	24.83
46.00	375.00	0.04	1.57	24.44
46.25	375.00	0.04	1.53	23.95
46.50	375.00	0.04	1.52	23.73
46.75	375.00	0.04	1.43	22.45
47.00	375.00	0.04	1.50	23.44
47.25	375.00	0.04	1.58	24.54
47.50	375.00	0.04	1.53	23.93
47.75	375.00	0.04	1.59	24.77
48.00	375.00	0.04	1.60	25.02
48.25	375.00	0.04	1.66	25.90
48.50	375.00	0.04	1.54	24.03
48.75	375.00	0.04	1.64	25.68

49.00	375.00	0.04	1.55	24.32
49.25	375.00	0.04	1.62	25.24
49.50	375.00	0.04	1.53	23.86
49.75	375.00	0.04	1.57	24.57
50.00	375.00	0.04	1.54	24.14
50.25	375.00	0.04	1.52	23.72
50.50	375.00	0.04	1.48	23.13
50.75	375.00	0.04	1.53	23.89
51.00	375.00	0.04	1.58	24.82
51.25	375.00	0.04	1.48	23.06
51.50	375.00	0.04	1.53	23.93
51.75	375.00	0.04	1.60	24.99
52.00	375.00	0.04	1.56	24.39
52.25	375.00	0.04	1.70	26.47
52.50	375.00	0.04	1.43	22.34
52.75	375.00	0.04	1.49	23.18
53.00	375.00	0.04	1.59	24.75
53.25	375.00	0.04	1.44	22.49
53.50	375.00	0.04	1.49	23.33
53.75	375.00	0.04	1.64	25.61
54.00	375.00	0.04	1.64	25.70
54.25	375.00	0.04	1.56	24.41
54.50	375.00	0.04	1.56	24.42
54.75	375.00	0.04	1.45	22.58
55.00	375.00	0.04	1.67	26.12
55.25	375.00	0.04	1.51	23.61
55.50	375.00	0.04	1.63	25.41
55.75	375.00	0.04	1.47	22.91
56.00	375.00	0.04	1.51	23.48
56.25	375.00	0.04	1.60	24.95
56.50	375.00	0.04	1.54	23.98
56.75	375.00	0.04	1.68	26.33
57.00	375.00	0.04	1.56	24.30
57.25	375.00	0.04	1.61	25.07
57.50	375.00	0.04	1.61	25.05
57.75	375.00	0.04	1.53	23.90
58.00	375.00	0.04	1.50	23.35
58.25	375.00	0.04	1.53	23.93
58.50	375.00	0.04	1.60	24.93
58.75	375.00	0.04	1.53	24.01
59.00	375.00	0.04	1.41	22.11
59.25	375.00	0.04	1.62	25.44
59.50	375.00	0.04	1.70	26.33
59.75	375.00	0.04	1.53	23.97
60.00	375.00	0.04	1.43	22.29
60.25	375.00	0.04	1.56	24.44
60.50	375.00	0.04	1.49	23.33
60.75	375.00	0.04	1.50	23.40
61.00	375.00	0.04	1.45	22.69
61.25	375.00	0.04	1.48	23.03
61.50	375.00	0.04	1.64	25.58
61.75	375.00	0.04	1.51	23.65
62.00	375.00	0.04	1.64	25.57
62.25	375.00	0.04	1.60	25.03
62.50	375.00	0.04	1.61	25.17
62.75	375.00	0.04	1.51	23.57
63.00	375.00	0.04	1.54	24.07
63.25	375.00	0.04	1.46	22.79
63.50	375.00	0.04	1.64	25.72
63.75	375.00	0.04	1.52	23.78
64.00	375.00	0.04	1.57	24.45
64.25	375.00	0.04	1.60	24.98
64.50	375.00	0.04	1.59	24.95
64.75	375.00	0.04	1.57	24.51
65.00	375.00	0.04	1.65	25.73
65.25	375.00	0.04	1.53	23.93
65.50	375.00	0.04	1.53	23.86
65.75	375.00	0.04	1.53	23.82
66.00	375.00	0.04	1.55	24.19
66.25	375.00	0.04	1.51	23.46
66.50	375.00	0.04	1.62	25.37
66.75	375.00	0.04	1.55	24.14
67.00	375.00	0.04	1.45	22.53
67.25	375.00	0.04	1.53	23.92
67.50	375.00	0.04	1.55	24.19
67.75	375.00	0.04	1.60	25.05
68.00	375.00	0.04	1.54	24.17
68.25	375.00	0.04	1.65	25.68
68.50	375.00	0.04	1.45	22.56
68.75	375.00	0.04	1.52	23.73
69.00	375.00	0.04	1.54	24.11
69.25	375.00	0.04	1.50	23.44
69.50	375.00	0.04	1.60	25.03
69.75	375.00	0.04	1.58	24.61
70.00	375.00	0.04	1.60	25.03
70.25	375.00	0.04	1.61	25.09
70.50	375.00	0.04	1.66	25.88
70.75	375.00	0.04	1.60	24.91
71.00	375.00	0.04	1.63	25.40
71.25	375.00	0.04	1.61	25.18
71.50	375.00	0.04	1.56	24.37
71.75	375.00	0.04	1.74	27.23
72.00	375.00	0.04	1.47	22.91

THE MAXIMUM DISCHARGE FROM CROSS SECTION 13 IS: 38.32 CFS AT TIME: 17.23 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 26.82 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 13

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00

0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00
13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	0.00
13.75	0.00	0.00	0.00	0.00
14.00	0.00	0.00	0.00	0.00
14.25	0.00	0.00	0.00	0.00
14.50	0.00	0.00	0.00	0.00
14.75	0.00	0.00	0.00	0.00
15.00	0.00	0.00	0.00	0.00
15.25	0.00	0.00	0.00	0.00
15.50	0.00	0.00	0.00	0.00
15.75	150.00	0.01	0.58	0.69
16.00	525.00	0.03	0.47	7.98
16.25	600.00	0.04	0.57	13.41
16.50	900.00	0.06	0.39	20.25
16.75	825.00	0.06	0.51	23.76
17.00	900.00	0.07	0.48	31.69
17.25	825.00	0.07	0.53	31.49
17.50	825.00	0.07	0.53	30.78
17.75	825.00	0.07	0.50	28.52
18.00	825.00	0.07	0.53	29.03
18.25	825.00	0.06	0.46	24.57
18.50	900.00	0.07	0.38	22.36
18.75	900.00	0.06	0.33	18.54
19.00	750.00	0.06	0.45	19.45
19.25	900.00	0.06	0.30	17.00
19.50	900.00	0.06	0.27	14.29
19.75	750.00	0.05	0.39	14.87
20.00	900.00	0.05	0.31	12.68
20.25	675.00	0.04	0.42	12.58
20.50	675.00	0.04	0.42	11.49
20.75	675.00	0.04	0.33	9.02
21.00	675.00	0.03	0.39	7.82
21.25	600.00	0.03	0.18	3.61
21.50	450.00	0.03	0.33	4.01
21.75	300.00	0.02	0.78	4.35
22.00	375.00	0.02	0.87	7.54
22.25	600.00	0.04	0.50	10.69
22.50	375.00	0.03	0.92	8.85
22.75	225.00	0.02	1.81	7.04
23.00	225.00	0.01	1.21	4.04
23.25	150.00	0.01	2.75	4.18
23.50	525.00	0.03	0.22	3.36
23.75	150.00	0.01	1.53	2.44
24.00	225.00	0.01	0.97	3.11
24.25	225.00	0.01	2.03	6.28
24.50	375.00	0.02	0.60	4.60
24.75	450.00	0.02	0.33	3.76
25.00	375.00	0.02	0.63	4.80
25.25	450.00	0.02	0.35	3.82
25.50	375.00	0.02	0.47	3.81
25.75	375.00	0.02	0.38	2.95
26.00	375.00	0.02	0.71	5.69
26.25	750.00	0.04	0.14	4.19
26.50	450.00	0.02	0.14	1.52
26.75	450.00	0.03	0.34	3.89
27.00	600.00	0.03	0.24	4.80

27.25	450.00	0.02	0.57	6.28
27.50	525.00	0.03	0.39	6.03
27.75	525.00	0.03	0.30	4.58
28.00	375.00	0.02	0.51	3.97
28.25	525.00	0.03	0.42	6.36
28.50	300.00	0.02	1.27	6.72
28.75	450.00	0.03	0.36	4.05
29.00	375.00	0.02	0.69	5.56
29.25	300.00	0.02	0.52	2.72
29.50	375.00	0.02	0.41	3.20
29.75	675.00	0.04	0.13	3.01
30.00	600.00	0.03	0.19	3.70
30.25	225.00	0.01	1.18	3.66
30.50	300.00	0.02	0.70	3.68
30.75	675.00	0.04	0.18	4.34
31.00	375.00	0.02	0.61	4.72
31.25	375.00	0.02	0.80	6.44
31.50	450.00	0.03	0.20	2.23
31.75	300.00	0.02	0.95	4.81
32.00	300.00	0.02	0.73	3.86
32.25	525.00	0.03	0.44	6.80
32.50	675.00	0.04	0.13	3.09
32.75	525.00	0.03	0.21	3.05
33.00	450.00	0.03	0.25	2.83
33.25	450.00	0.03	0.62	7.10
33.50	300.00	0.02	0.89	4.70
33.75	300.00	0.02	1.13	5.94
34.00	525.00	0.03	0.25	3.82
34.25	225.00	0.01	2.00	6.18
34.50	675.00	0.04	0.06	1.43
34.75	375.00	0.02	0.29	2.35
35.00	375.00	0.02	0.40	3.10
35.25	450.00	0.02	0.48	5.27
35.50	675.00	0.04	0.26	6.33
35.75	450.00	0.02	0.42	4.64
36.00	525.00	0.03	0.32	4.70
36.25	300.00	0.02	0.72	3.81
36.50	450.00	0.02	0.15	1.69
36.75	375.00	0.02	0.70	5.46
37.00	600.00	0.03	0.11	2.16
37.25	600.00	0.03	0.21	4.24
37.50	675.00	0.04	0.15	3.51
37.75	600.00	0.03	0.13	2.50
38.00	225.00	0.01	1.70	5.25
38.25	450.00	0.02	0.30	3.26
38.50	450.00	0.03	0.55	6.27
38.75	225.00	0.01	1.96	6.04
39.00	300.00	0.02	0.99	5.04
39.25	225.00	0.01	1.37	4.26
39.50	750.00	0.04	0.11	3.12
39.75	525.00	0.03	0.40	6.10
40.00	375.00	0.02	0.35	2.84
40.25	375.00	0.02	0.61	4.91
40.50	225.00	0.01	0.98	3.03
40.75	300.00	0.02	1.17	6.17
41.00	600.00	0.03	0.28	5.38
41.25	450.00	0.02	0.31	3.34
41.50	225.00	0.01	1.80	5.57
41.75	675.00	0.04	0.18	4.51
42.00	375.00	0.02	0.59	4.58
42.25	525.00	0.03	0.24	3.67
42.50	375.00	0.02	0.68	5.44
42.75	450.00	0.03	0.47	5.32
43.00	525.00	0.03	0.31	4.70
43.25	450.00	0.03	0.50	5.67
43.50	375.00	0.02	0.79	6.11
43.75	750.00	0.04	0.15	4.34
44.00	375.00	0.02	0.57	4.60
44.25	300.00	0.02	1.23	6.49
44.50	600.00	0.03	0.23	4.47
44.75	450.00	0.02	0.28	3.02
45.00	375.00	0.02	0.38	3.02
45.25	450.00	0.02	0.42	4.57
45.50	375.00	0.02	0.66	5.28
45.75	300.00	0.02	1.07	5.61
46.00	450.00	0.02	0.32	3.49
46.25	600.00	0.03	0.15	2.95
46.50	300.00	0.02	0.50	2.56
46.75	375.00	0.02	0.75	6.07
47.00	375.00	0.02	0.51	4.11
47.25	150.00	0.01	4.35	6.42
47.50	525.00	0.03	0.20	2.91
47.75	525.00	0.03	0.41	6.26
48.00	225.00	0.01	1.27	3.77
48.25	225.00	0.01	1.54	4.77
48.50	225.00	0.01	1.99	6.17
48.75	600.00	0.03	0.36	6.82
49.00	375.00	0.02	0.44	3.55
49.25	525.00	0.03	0.19	2.77
49.50	525.00	0.03	0.33	5.01
49.75	525.00	0.03	0.30	4.49
50.00	450.00	0.03	0.32	3.60
50.25	600.00	0.03	0.27	5.28
50.50	375.00	0.02	0.67	5.35
50.75	375.00	0.02	0.26	2.12
51.00	600.00	0.03	0.25	4.94
51.25	450.00	0.03	0.17	1.96
51.50	300.00	0.02	0.89	4.72
51.75	375.00	0.02	0.38	2.97
52.00	525.00	0.03	0.41	5.98
52.25	375.00	0.02	0.87	6.97
52.50	375.00	0.02	0.76	6.16
52.75	450.00	0.02	0.27	2.94
53.00	525.00	0.03	0.21	3.14
53.25	675.00	0.04	0.15	3.61
53.50	525.00	0.03	0.43	6.31

53.75	300.00	0.02	0.29	1.54
54.00	225.00	0.01	1.60	4.94
54.25	375.00	0.02	0.55	4.42
54.50	450.00	0.03	0.48	5.48
54.75	375.00	0.02	0.41	3.20
55.00	450.00	0.03	0.39	4.43
55.25	300.00	0.02	0.88	4.66
55.50	300.00	0.02	0.83	4.38
55.75	375.00	0.02	0.60	4.79
56.00	375.00	0.02	0.98	7.64
56.25	525.00	0.03	0.35	5.43
56.50	150.00	0.01	2.21	3.26
56.75	300.00	0.02	0.92	4.68
57.00	675.00	0.04	0.12	2.96
57.25	675.00	0.04	0.22	5.32
57.50	600.00	0.03	0.11	2.13
57.75	450.00	0.02	0.26	2.90
58.00	450.00	0.02	0.45	4.87
58.25	525.00	0.03	0.35	5.37
58.50	450.00	0.03	0.34	3.89
58.75	525.00	0.03	0.17	2.46
59.00	450.00	0.02	0.44	4.77
59.25	450.00	0.02	0.39	4.32
59.50	225.00	0.01	1.77	5.48
59.75	675.00	0.04	0.08	2.05
60.00	375.00	0.02	0.51	3.97
60.25	375.00	0.02	0.61	4.73
60.50	525.00	0.03	0.28	4.10
60.75	375.00	0.02	0.92	7.10
61.00	525.00	0.03	0.33	5.01
61.25	525.00	0.03	0.27	4.02
61.50	300.00	0.02	0.59	3.09
61.75	450.00	0.03	0.28	3.18
62.00	450.00	0.03	0.28	3.14
62.25	750.00	0.04	0.06	1.65
62.50	600.00	0.03	0.18	3.59
62.75	375.00	0.02	0.85	6.87
63.00	225.00	0.01	1.52	4.53
63.25	600.00	0.03	0.13	2.66
63.50	300.00	0.02	0.29	1.52
63.75	375.00	0.02	0.59	4.76
64.00	450.00	0.03	0.43	4.89
64.25	450.00	0.03	0.40	4.51
64.50	300.00	0.02	1.02	5.37
64.75	525.00	0.03	0.25	3.62
65.00	600.00	0.03	0.32	6.13
65.25	675.00	0.04	0.19	4.47
65.50	450.00	0.03	0.36	4.11
65.75	225.00	0.01	0.99	3.05
66.00	300.00	0.02	0.78	4.11
66.25	600.00	0.03	0.11	2.15
66.50	525.00	0.03	0.29	4.39
66.75	600.00	0.03	0.34	6.73
67.00	225.00	0.01	1.82	5.61
67.25	300.00	0.02	1.40	7.36
67.50	450.00	0.03	0.32	3.61
67.75	225.00	0.01	0.72	2.21
68.00	600.00	0.03	0.16	2.99
68.25	300.00	0.02	0.75	3.93
68.50	525.00	0.03	0.25	3.90
68.75	525.00	0.03	0.26	3.83
69.00	600.00	0.03	0.20	3.96
69.25	450.00	0.03	0.27	3.04
69.50	600.00	0.03	0.17	3.43
69.75	300.00	0.02	0.63	3.31
70.00	525.00	0.03	0.33	5.10
70.25	375.00	0.02	0.47	3.76
70.50	300.00	0.02	0.92	4.67
70.75	300.00	0.02	1.03	5.43
71.00	225.00	0.01	1.50	4.60
71.25	525.00	0.03	0.21	3.22
71.50	675.00	0.04	0.09	2.12
71.75	525.00	0.03	0.35	5.30
72.00	525.00	0.03	0.14	2.18

THE MAXIMUM DISCHARGE FROM CROSS SECTION 16 IS: 38.70 CFS AT TIME: 15.70 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 2.08 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 16

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00

5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00
13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	0.00
13.75	0.00	0.00	0.00	0.00
14.00	0.00	0.00	0.00	0.00
14.25	0.00	0.00	0.00	0.00
14.50	0.00	0.00	0.00	0.00
14.75	0.00	0.00	0.00	0.00
15.00	0.00	0.00	0.00	0.00
15.25	0.00	0.00	0.00	0.00
15.50	0.00	0.00	0.00	0.00
15.75	1050.00	0.03	0.25	8.81
16.00	675.00	0.02	0.36	5.20
16.25	1350.00	0.04	0.30	17.79
16.50	600.00	0.02	0.51	6.03
16.75	525.00	0.02	0.74	6.62
17.00	375.00	0.01	0.49	2.21
17.25	450.00	0.01	0.18	1.17
17.50	525.00	0.02	0.48	4.26
17.75	375.00	0.01	0.07	0.32
18.00	300.00	0.01	1.10	3.17
18.25	75.00	0.00	1.67	0.30
18.50	75.00	0.00	0.09	0.02
18.75	150.00	0.00	0.06	0.04
19.00	150.00	0.00	7.79	5.59
19.25	75.00	0.00	0.00	0.00
19.50	225.00	0.01	5.34	8.60
19.75	75.00	0.00	6.11	1.10
20.00	150.00	0.00	0.34	0.24
20.25	75.00	0.00	8.37	1.51
20.50	75.00	0.00	0.12	0.02
20.75	150.00	0.00	0.01	0.01
21.00	225.00	0.01	0.02	0.03
21.25	75.00	0.00	0.00	0.00
21.50	525.00	0.02	0.14	1.20
21.75	300.00	0.01	0.26	0.76
22.00	225.00	0.01	1.45	2.35
22.25	675.00	0.02	1.28	19.02
22.50	150.00	0.01	1.90	1.45
22.75	150.00	0.00	2.88	2.07
23.00	75.00	0.00	0.00	0.00
23.25	75.00	0.00	0.00	0.00
23.50	75.00	0.00	21.29	3.84
23.75	75.00	0.00	0.06	0.01
24.00	75.00	0.00	0.26	0.05
24.25	75.00	0.00	0.00	0.00
24.50	75.00	0.00	0.00	0.00
24.75	75.00	0.00	0.00	0.00
25.00	75.00	0.00	0.00	0.00
25.25	75.00	0.00	0.00	0.00
25.50	75.00	0.00	0.00	0.00
25.75	75.00	0.00	0.00	0.00
26.00	75.00	0.00	0.00	0.00
26.25	75.00	0.00	0.00	0.00
26.50	75.00	0.00	0.00	0.00
26.75	75.00	0.00	0.00	0.00
27.00	75.00	0.00	0.00	0.00
27.25	75.00	0.00	0.00	0.00
27.50	75.00	0.00	0.00	0.00
27.75	75.00	0.00	0.00	0.00
28.00	75.00	0.00	0.00	0.00
28.25	75.00	0.00	0.00	0.00
28.50	75.00	0.00	0.00	0.00
28.75	75.00	0.00	0.00	0.00
29.00	75.00	0.00	0.00	0.00
29.25	75.00	0.00	0.00	0.00
29.50	75.00	0.00	0.00	0.00
29.75	75.00	0.00	0.00	0.00
30.00	75.00	0.00	0.00	0.00
30.25	75.00	0.00	0.00	0.00
30.50	75.00	0.00	0.00	0.00
30.75	75.00	0.00	0.00	0.00
31.00	75.00	0.00	0.00	0.00
31.25	75.00	0.00	0.00	0.00
31.50	75.00	0.00	0.00	0.00
31.75	75.00	0.00	0.00	0.00
32.00	75.00	0.00	0.00	0.00

32.25	75.00	0.00	0.00	0.00
32.50	75.00	0.00	0.00	0.00
32.75	75.00	0.00	0.00	0.00
33.00	75.00	0.00	0.00	0.00
33.25	75.00	0.00	0.00	0.00
33.50	75.00	0.00	0.00	0.00
33.75	75.00	0.00	0.00	0.00
34.00	75.00	0.00	0.00	0.00
34.25	75.00	0.00	0.00	0.00
34.50	75.00	0.00	0.00	0.00
34.75	75.00	0.00	0.00	0.00
35.00	75.00	0.00	0.00	0.00
35.25	75.00	0.00	0.00	0.00
35.50	75.00	0.00	0.00	0.00
35.75	75.00	0.00	0.00	0.00
36.00	75.00	0.00	0.00	0.00
36.25	75.00	0.00	0.00	0.00
36.50	75.00	0.00	0.00	0.00
36.75	75.00	0.00	0.00	0.00
37.00	75.00	0.00	0.00	0.00
37.25	75.00	0.00	0.00	0.00
37.50	75.00	0.00	0.00	0.00
37.75	75.00	0.00	0.00	0.00
38.00	75.00	0.00	0.00	0.00
38.25	75.00	0.00	0.00	0.00
38.50	75.00	0.00	0.00	0.00
38.75	75.00	0.00	0.00	0.00
39.00	75.00	0.00	0.00	0.00
39.25	75.00	0.00	0.00	0.00
39.50	75.00	0.00	0.00	0.00
39.75	75.00	0.00	0.00	0.00
40.00	75.00	0.00	0.00	0.00
40.25	75.00	0.00	0.00	0.00
40.50	75.00	0.00	0.00	0.00
40.75	75.00	0.00	0.00	0.00
41.00	75.00	0.00	0.00	0.00
41.25	75.00	0.00	0.00	0.00
41.50	75.00	0.00	0.00	0.00
41.75	75.00	0.00	0.00	0.00
42.00	75.00	0.00	0.00	0.00
42.25	75.00	0.00	0.00	0.00
42.50	75.00	0.00	0.00	0.00
42.75	75.00	0.00	0.00	0.00
43.00	75.00	0.00	0.00	0.00
43.25	75.00	0.00	0.00	0.00
43.50	75.00	0.00	0.00	0.00
43.75	75.00	0.00	0.00	0.00
44.00	75.00	0.00	0.00	0.00
44.25	75.00	0.00	0.00	0.00
44.50	75.00	0.00	0.00	0.00
44.75	75.00	0.00	0.00	0.00
45.00	75.00	0.00	0.00	0.00
45.25	75.00	0.00	0.00	0.00
45.50	75.00	0.00	0.00	0.00
45.75	75.00	0.00	0.00	0.00
46.00	75.00	0.00	0.00	0.00
46.25	75.00	0.00	0.00	0.00
46.50	75.00	0.00	0.00	0.00
46.75	75.00	0.00	0.00	0.00
47.00	75.00	0.00	0.00	0.00
47.25	75.00	0.00	0.00	0.00
47.50	75.00	0.00	0.00	0.00
47.75	75.00	0.00	0.00	0.00
48.00	75.00	0.00	0.00	0.00
48.25	75.00	0.00	0.00	0.00
48.50	75.00	0.00	0.00	0.00
48.75	75.00	0.00	0.00	0.00
49.00	75.00	0.00	0.00	0.00
49.25	75.00	0.00	0.00	0.00
49.50	75.00	0.00	0.00	0.00
49.75	75.00	0.00	0.00	0.00
50.00	75.00	0.00	0.00	0.00
50.25	75.00	0.00	0.00	0.00
50.50	75.00	0.00	0.00	0.00
50.75	75.00	0.00	0.00	0.00
51.00	75.00	0.00	0.00	0.00
51.25	75.00	0.00	0.00	0.00
51.50	75.00	0.00	0.00	0.00
51.75	75.00	0.00	0.00	0.00
52.00	75.00	0.00	0.00	0.00
52.25	75.00	0.00	0.00	0.00
52.50	75.00	0.00	0.00	0.00
52.75	75.00	0.00	0.00	0.00
53.00	75.00	0.00	0.00	0.00
53.25	75.00	0.00	0.00	0.00
53.50	75.00	0.00	0.00	0.00
53.75	75.00	0.00	0.00	0.00
54.00	75.00	0.00	0.00	0.00
54.25	75.00	0.00	0.00	0.00
54.50	75.00	0.00	0.00	0.00
54.75	75.00	0.00	0.00	0.00
55.00	75.00	0.00	0.00	0.00
55.25	75.00	0.00	0.00	0.00
55.50	75.00	0.00	0.00	0.00
55.75	75.00	0.00	0.00	0.00
56.00	75.00	0.00	0.00	0.00
56.25	75.00	0.00	0.00	0.00
56.50	75.00	0.00	0.00	0.00
56.75	75.00	0.00	0.00	0.00
57.00	75.00	0.00	0.00	0.00
57.25	75.00	0.00	0.00	0.00
57.50	75.00	0.00	0.00	0.00
57.75	75.00	0.00	0.00	0.00
58.00	75.00	0.00	0.00	0.00
58.25	75.00	0.00	0.00	0.00
58.50	75.00	0.00	0.00	0.00

58.75	75.00	0.00	0.00	0.00
59.00	75.00	0.00	0.00	0.00
59.25	75.00	0.00	0.00	0.00
59.50	75.00	0.00	0.00	0.00
59.75	75.00	0.00	0.00	0.00
60.00	75.00	0.00	0.00	0.00
60.25	75.00	0.00	0.00	0.00
60.50	75.00	0.00	0.00	0.00
60.75	75.00	0.00	0.00	0.00
61.00	75.00	0.00	0.00	0.00
61.25	75.00	0.00	0.00	0.00
61.50	75.00	0.00	0.00	0.00
61.75	75.00	0.00	0.00	0.00
62.00	75.00	0.00	0.00	0.00
62.25	75.00	0.00	0.00	0.00
62.50	75.00	0.00	0.00	0.00
62.75	75.00	0.00	0.00	0.00
63.00	75.00	0.00	0.00	0.00
63.25	75.00	0.00	0.00	0.00
63.50	75.00	0.00	0.00	0.00
63.75	75.00	0.00	0.00	0.00
64.00	75.00	0.00	0.00	0.00
64.25	75.00	0.00	0.00	0.00
64.50	75.00	0.00	0.00	0.00
64.75	75.00	0.00	0.00	0.00
65.00	75.00	0.00	0.00	0.00
65.25	75.00	0.00	0.00	0.00
65.50	75.00	0.00	0.00	0.00
65.75	75.00	0.00	0.00	0.00
66.00	75.00	0.00	0.00	0.00
66.25	75.00	0.00	0.00	0.00
66.50	75.00	0.00	0.00	0.00
66.75	75.00	0.00	0.00	0.00
67.00	75.00	0.00	0.00	0.00
67.25	75.00	0.00	0.00	0.00
67.50	75.00	0.00	0.00	0.00
67.75	75.00	0.00	0.00	0.00
68.00	75.00	0.00	0.00	0.00
68.25	75.00	0.00	0.00	0.00
68.50	75.00	0.00	0.00	0.00
68.75	75.00	0.00	0.00	0.00
69.00	75.00	0.00	0.00	0.00
69.25	75.00	0.00	0.00	0.00
69.50	75.00	0.00	0.00	0.00
69.75	75.00	0.00	0.00	0.00
70.00	75.00	0.00	0.00	0.00
70.25	75.00	0.00	0.00	0.00
70.50	75.00	0.00	0.00	0.00
70.75	75.00	0.00	0.00	0.00
71.00	75.00	0.00	0.00	0.00
71.25	75.00	0.00	0.00	0.00
71.50	75.00	0.00	0.00	0.00
71.75	75.00	0.00	0.00	0.00
72.00	75.00	0.00	0.00	0.00

THE MAXIMUM DISCHARGE FROM CROSS SECTION 23 IS: 183.14 CFS AT TIME: 17.32 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 70.58 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 23

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00

10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00
13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	0.00
13.75	0.00	0.00	0.00	0.00
14.00	0.00	0.00	0.00	0.00
14.25	0.00	0.00	0.00	0.00
14.50	0.00	0.00	0.00	0.00
14.75	0.00	0.00	0.00	0.00
15.00	0.00	0.00	0.00	0.00
15.25	0.00	0.00	0.00	0.00
15.50	0.00	0.00	0.00	0.00
15.75	450.00	0.04	0.18	3.29
16.00	1125.00	0.14	0.15	23.91
16.25	1200.00	0.41	0.17	83.35
16.50	1200.00	0.54	0.18	118.99
16.75	1200.00	0.59	0.20	138.06
17.00	1200.00	0.61	0.20	147.45
17.25	1200.00	0.62	0.21	151.99
17.50	1200.00	0.61	0.20	150.23
17.75	1200.00	0.60	0.20	145.17
18.00	1200.00	0.59	0.19	137.36
18.25	1200.00	0.57	0.19	128.62
18.50	1200.00	0.55	0.18	120.11
18.75	1125.00	0.53	0.18	109.89
19.00	1200.00	0.52	0.16	101.96
19.25	1200.00	0.49	0.16	91.99
19.50	1200.00	0.47	0.15	83.82
19.75	1200.00	0.45	0.14	74.95
20.00	1200.00	0.43	0.13	69.26
20.25	1125.00	0.41	0.14	63.32
20.50	1125.00	0.39	0.13	57.88
20.75	1125.00	0.38	0.13	53.19
21.00	1050.00	0.36	0.14	51.80
21.25	975.00	0.34	0.14	44.88
21.50	1050.00	0.33	0.12	40.85
21.75	1050.00	0.31	0.11	35.82
22.00	1050.00	0.30	0.11	35.78
22.25	1050.00	0.29	0.10	32.15
22.50	1125.00	0.29	0.09	30.91
22.75	1125.00	0.28	0.09	27.52
23.00	900.00	0.25	0.12	27.72
23.25	900.00	0.24	0.12	25.74
23.50	975.00	0.24	0.10	23.03
23.75	1050.00	0.24	0.08	20.86
24.00	1050.00	0.23	0.08	19.93
24.25	1050.00	0.23	0.08	19.50
24.50	975.00	0.22	0.08	17.85
24.75	975.00	0.21	0.09	19.07
25.00	900.00	0.20	0.09	16.68
25.25	975.00	0.20	0.08	15.20
25.50	1050.00	0.21	0.06	12.01
25.75	1050.00	0.20	0.07	14.82
26.00	975.00	0.19	0.07	12.33
26.25	825.00	0.17	0.08	11.60
26.50	750.00	0.16	0.09	11.07
26.75	900.00	0.17	0.06	9.06
27.00	750.00	0.16	0.08	9.68
27.25	750.00	0.16	0.09	10.94
27.50	900.00	0.17	0.07	10.69
27.75	900.00	0.16	0.05	7.96
28.00	825.00	0.16	0.06	7.96
28.25	900.00	0.16	0.07	10.22
28.50	900.00	0.16	0.07	10.16
28.75	825.00	0.15	0.07	9.05
29.00	825.00	0.15	0.06	6.89
29.25	825.00	0.15	0.07	8.37
29.50	825.00	0.15	0.06	7.18
29.75	825.00	0.15	0.05	6.12
30.00	675.00	0.13	0.08	6.79
30.25	675.00	0.13	0.08	7.40
30.50	750.00	0.13	0.07	6.57
30.75	675.00	0.12	0.08	6.50
31.00	750.00	0.13	0.04	4.29
31.25	600.00	0.11	0.05	3.59
31.50	675.00	0.12	0.07	5.85
31.75	900.00	0.13	0.03	3.87
32.00	600.00	0.11	0.05	3.44
32.25	750.00	0.11	0.04	3.13
32.50	525.00	0.09	0.06	2.66
32.75	750.00	0.11	0.02	1.72
33.00	525.00	0.08	0.04	1.57
33.25	525.00	0.08	0.08	3.39
33.50	525.00	0.08	0.03	1.29
33.75	600.00	0.08	0.03	1.49
34.00	525.00	0.07	0.03	1.02
34.25	525.00	0.07	0.02	0.91
34.50	525.00	0.07	0.02	0.77
34.75	525.00	0.07	0.02	0.72
35.00	525.00	0.07	0.04	1.35
35.25	450.00	0.06	0.02	0.59
35.50	450.00	0.06	0.02	0.53
35.75	525.00	0.06	0.03	0.96
36.00	450.00	0.05	0.02	0.53
36.25	450.00	0.05	0.02	0.42
36.50	450.00	0.05	0.01	0.17
36.75	450.00	0.05	0.01	0.12
37.00	450.00	0.05	0.02	0.37

37.25	450.00	0.05	0.00	0.08
37.50	375.00	0.04	0.02	0.31
37.75	450.00	0.04	0.00	0.06
38.00	450.00	0.04	0.00	0.05
38.25	375.00	0.04	0.00	0.04
38.50	450.00	0.04	0.00	0.04
38.75	450.00	0.04	0.00	0.02
39.00	450.00	0.04	0.00	0.03
39.25	450.00	0.04	0.00	0.03
39.50	375.00	0.03	0.02	0.26
39.75	450.00	0.04	0.00	0.02
40.00	375.00	0.03	0.00	0.01
40.25	375.00	0.03	0.00	0.01
40.50	375.00	0.03	0.00	0.01
40.75	375.00	0.03	0.00	0.00
41.00	375.00	0.03	0.00	-0.01
41.25	375.00	0.03	0.00	0.01
41.50	375.00	0.00	0.00	0.00
41.75	375.00	0.00	0.00	0.00
42.00	375.00	0.00	0.00	0.00
42.25	375.00	0.00	0.00	0.00
42.50	375.00	0.00	0.00	0.00
42.75	375.00	0.00	0.00	0.00
43.00	375.00	0.00	0.00	0.00
43.25	375.00	0.00	0.00	0.00
43.50	375.00	0.00	0.00	0.00
43.75	375.00	0.00	0.00	0.00
44.00	375.00	0.00	0.00	0.00
44.25	375.00	0.00	0.00	0.00
44.50	375.00	0.00	0.00	0.00
44.75	375.00	0.00	0.00	0.00
45.00	375.00	0.00	0.00	0.00
45.25	375.00	0.00	0.00	0.00
45.50	375.00	0.00	0.00	0.00
45.75	375.00	0.00	0.00	0.00
46.00	375.00	0.00	0.00	0.00
46.25	375.00	0.00	0.00	0.00
46.50	375.00	0.00	0.00	0.00
46.75	375.00	0.00	0.00	0.00
47.00	375.00	0.00	0.00	0.00
47.25	375.00	0.00	0.00	0.00
47.50	375.00	0.00	0.00	0.00
47.75	375.00	0.00	0.00	0.00
48.00	375.00	0.00	0.00	0.00
48.25	375.00	0.00	0.00	0.00
48.50	375.00	0.00	0.00	0.00
48.75	375.00	0.00	0.00	0.00
49.00	375.00	0.00	0.00	0.00
49.25	375.00	0.00	0.00	0.00
49.50	375.00	0.00	0.00	0.00
49.75	375.00	0.00	0.00	0.00
50.00	375.00	0.00	0.00	0.00
50.25	375.00	0.00	0.00	0.00
50.50	375.00	0.00	0.00	0.00
50.75	375.00	0.00	0.00	0.00
51.00	375.00	0.00	0.00	0.00
51.25	375.00	0.00	0.00	0.00
51.50	375.00	0.00	0.00	0.00
51.75	375.00	0.00	0.00	0.00
52.00	375.00	0.00	0.00	0.00
52.25	375.00	0.00	0.00	0.00
52.50	375.00	0.00	0.00	0.00
52.75	375.00	0.00	0.00	0.00
53.00	375.00	0.00	0.00	0.00
53.25	375.00	0.00	0.00	0.00
53.50	375.00	0.00	0.00	0.00
53.75	375.00	0.00	0.00	0.00
54.00	375.00	0.00	0.00	0.00
54.25	375.00	0.00	0.00	0.00
54.50	375.00	0.00	0.00	0.00
54.75	375.00	0.00	0.00	0.00
55.00	375.00	0.00	0.00	0.00
55.25	375.00	0.00	0.00	0.00
55.50	375.00	0.00	0.00	0.00
55.75	375.00	0.00	0.00	0.00
56.00	375.00	0.00	0.00	0.00
56.25	375.00	0.00	0.00	0.00
56.50	375.00	0.00	0.00	0.00
56.75	375.00	0.00	0.00	0.00
57.00	375.00	0.00	0.00	0.00
57.25	375.00	0.00	0.00	0.00
57.50	375.00	0.00	0.00	0.00
57.75	375.00	0.00	0.00	0.00
58.00	375.00	0.00	0.00	0.00
58.25	375.00	0.00	0.00	0.00
58.50	375.00	0.00	0.00	0.00
58.75	375.00	0.00	0.00	0.00
59.00	375.00	0.00	0.00	0.00
59.25	375.00	0.00	0.00	0.00
59.50	375.00	0.00	0.00	0.00
59.75	375.00	0.00	0.00	0.00
60.00	375.00	0.00	0.00	0.00
60.25	375.00	0.00	0.00	0.00
60.50	375.00	0.00	0.00	0.00
60.75	375.00	0.00	0.00	0.00
61.00	375.00	0.00	0.00	0.00
61.25	375.00	0.00	0.00	0.00
61.50	375.00	0.00	0.00	0.00
61.75	375.00	0.00	0.00	0.00
62.00	375.00	0.00	0.00	0.00
62.25	375.00	0.00	0.00	0.00
62.50	375.00	0.00	0.00	0.00
62.75	375.00	0.00	0.00	0.00
63.00	375.00	0.00	0.00	0.00
63.25	375.00	0.00	0.00	0.00
63.50	375.00	0.00	0.00	0.00

63.75	375.00	0.00	0.00	0.00
64.00	375.00	0.00	0.00	0.00
64.25	375.00	0.00	0.00	0.00
64.50	375.00	0.00	0.00	0.00
64.75	375.00	0.00	0.00	0.00
65.00	375.00	0.00	0.00	0.00
65.25	375.00	0.00	0.00	0.00
65.50	375.00	0.00	0.00	0.00
65.75	375.00	0.00	0.00	0.00
66.00	375.00	0.00	0.00	0.00
66.25	375.00	0.00	0.00	0.00
66.50	375.00	0.00	0.00	0.00
66.75	375.00	0.00	0.00	0.00
67.00	375.00	0.00	0.00	0.00
67.25	375.00	0.00	0.00	0.00
67.50	375.00	0.00	0.00	0.00
67.75	375.00	0.00	0.00	0.00
68.00	375.00	0.00	0.00	0.00
68.25	375.00	0.00	0.00	0.00
68.50	375.00	0.00	0.00	0.00
68.75	375.00	0.00	0.00	0.00
69.00	375.00	0.00	0.00	0.00
69.25	375.00	0.00	0.00	0.00
69.50	375.00	0.00	0.00	0.00
69.75	375.00	0.00	0.00	0.00
70.00	375.00	0.00	0.00	0.00
70.25	375.00	0.00	0.00	0.00
70.50	375.00	0.00	0.00	0.00
70.75	375.00	0.00	0.00	0.00
71.00	375.00	0.00	0.00	0.00
71.25	375.00	0.00	0.00	0.00
71.50	375.00	0.00	0.00	0.00
71.75	375.00	0.00	0.00	0.00
72.00	375.00	0.00	0.00	0.00

THE MAXIMUM DISCHARGE FROM CROSS SECTION 25 IS: 59.32 CFS AT TIME: 16.52 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 17.42 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 25

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00
13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	0.00
13.75	0.00	0.00	0.00	0.00
14.00	0.00	0.00	0.00	0.00
14.25	0.00	0.00	0.00	0.00
14.50	300.00	0.02	0.73	4.31
14.75	1350.00	0.10	0.13	18.13
15.00	1350.00	0.12	0.15	24.55
15.25	1275.00	0.12	0.22	35.40
15.50	1350.00	0.13	0.21	37.32

15.75	1425.00	0.14	0.21	42.24
16.00	1500.00	0.15	0.20	46.56
16.25	1425.00	0.16	0.22	49.11
16.50	1500.00	0.17	0.22	53.62
16.75	1425.00	0.16	0.23	51.72
17.00	1500.00	0.16	0.20	47.41
17.25	1575.00	0.16	0.17	42.39
17.50	1425.00	0.15	0.17	37.56
17.75	1350.00	0.14	0.20	38.38
18.00	1350.00	0.14	0.17	31.09
18.25	1425.00	0.14	0.14	27.78
18.50	1350.00	0.13	0.17	29.05
18.75	1275.00	0.12	0.16	24.65
19.00	1125.00	0.10	0.20	23.07
19.25	1200.00	0.10	0.16	19.44
19.50	1125.00	0.09	0.14	14.99
19.75	1125.00	0.09	0.15	14.66
20.00	900.00	0.07	0.21	13.04
20.25	1350.00	0.09	0.07	8.29
20.50	675.00	0.05	0.14	4.47
20.75	300.00	0.02	0.39	2.75
21.00	450.00	0.03	0.26	3.53
21.25	525.00	0.03	0.17	3.10
21.50	450.00	0.04	0.14	2.32
21.75	300.00	0.02	0.55	3.27
22.00	975.00	0.06	0.07	3.76
22.25	900.00	0.07	0.15	9.18
22.50	900.00	0.07	0.16	9.83
22.75	675.00	0.05	0.17	5.68
23.00	750.00	0.05	0.11	4.10
23.25	600.00	0.04	0.33	8.01
23.50	600.00	0.04	0.38	9.20
23.75	600.00	0.04	0.11	2.58
24.00	450.00	0.03	0.29	3.66
24.25	375.00	0.03	0.09	0.96
24.50	225.00	0.01	0.56	1.73
24.75	300.00	0.02	0.07	0.38
25.00	375.00	0.03	0.09	0.92
25.25	375.00	0.02	0.35	3.15
25.50	75.00	0.01	0.91	0.38
25.75	0.00	0.00	0.00	0.00
26.00	300.00	0.04	0.26	2.88
26.25	0.00	0.00	0.00	0.00
26.50	0.00	0.00	0.00	0.00
26.75	0.00	0.00	0.00	0.00
27.00	0.00	0.00	0.00	0.00
27.25	0.00	0.00	0.00	0.00
27.50	0.00	0.00	0.00	0.00
27.75	0.00	0.00	0.00	0.00
28.00	0.00	0.00	0.00	0.00
28.25	0.00	0.00	0.00	0.00
28.50	0.00	0.00	0.00	0.00
28.75	0.00	0.00	0.00	0.00
29.00	0.00	0.00	0.00	0.00
29.25	0.00	0.00	0.00	0.00
29.50	0.00	0.00	0.00	0.00
29.75	0.00	0.00	0.00	0.00
30.00	0.00	0.00	0.00	0.00
30.25	0.00	0.00	0.00	0.00
30.50	0.00	0.00	0.00	0.00
30.75	0.00	0.00	0.00	0.00
31.00	0.00	0.00	0.00	0.00
31.25	0.00	0.00	0.00	0.00
31.50	0.00	0.00	0.00	0.00
31.75	0.00	0.00	0.00	0.00
32.00	0.00	0.00	0.00	0.00
32.25	0.00	0.00	0.00	0.00
32.50	0.00	0.00	0.00	0.00
32.75	0.00	0.00	0.00	0.00
33.00	0.00	0.00	0.00	0.00
33.25	0.00	0.00	0.00	0.00
33.50	0.00	0.00	0.00	0.00
33.75	0.00	0.00	0.00	0.00
34.00	0.00	0.00	0.00	0.00
34.25	0.00	0.00	0.00	0.00
34.50	0.00	0.00	0.00	0.00
34.75	0.00	0.00	0.00	0.00
35.00	0.00	0.00	0.00	0.00
35.25	0.00	0.00	0.00	0.00
35.50	0.00	0.00	0.00	0.00
35.75	0.00	0.00	0.00	0.00
36.00	0.00	0.00	0.00	0.00
36.25	0.00	0.00	0.00	0.00
36.50	0.00	0.00	0.00	0.00
36.75	0.00	0.00	0.00	0.00
37.00	0.00	0.00	0.00	0.00
37.25	0.00	0.00	0.00	0.00
37.50	0.00	0.00	0.00	0.00
37.75	0.00	0.00	0.00	0.00
38.00	0.00	0.00	0.00	0.00
38.25	0.00	0.00	0.00	0.00
38.50	0.00	0.00	0.00	0.00
38.75	0.00	0.00	0.00	0.00
39.00	0.00	0.00	0.00	0.00
39.25	0.00	0.00	0.00	0.00
39.50	0.00	0.00	0.00	0.00
39.75	0.00	0.00	0.00	0.00
40.00	0.00	0.00	0.00	0.00
40.25	0.00	0.00	0.00	0.00
40.50	0.00	0.00	0.00	0.00
40.75	0.00	0.00	0.00	0.00
41.00	0.00	0.00	0.00	0.00
41.25	0.00	0.00	0.00	0.00
41.50	0.00	0.00	0.00	0.00
41.75	0.00	0.00	0.00	0.00
42.00	0.00	0.00	0.00	0.00

42.25	0.00	0.00	0.00	0.00
42.50	0.00	0.00	0.00	0.00
42.75	0.00	0.00	0.00	0.00
43.00	0.00	0.00	0.00	0.00
43.25	0.00	0.00	0.00	0.00
43.50	0.00	0.00	0.00	0.00
43.75	0.00	0.00	0.00	0.00
44.00	0.00	0.00	0.00	0.00
44.25	0.00	0.00	0.00	0.00
44.50	0.00	0.00	0.00	0.00
44.75	0.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	0.00
45.25	0.00	0.00	0.00	0.00
45.50	0.00	0.00	0.00	0.00
45.75	0.00	0.00	0.00	0.00
46.00	0.00	0.00	0.00	0.00
46.25	0.00	0.00	0.00	0.00
46.50	0.00	0.00	0.00	0.00
46.75	0.00	0.00	0.00	0.00
47.00	0.00	0.00	0.00	0.00
47.25	0.00	0.00	0.00	0.00
47.50	0.00	0.00	0.00	0.00
47.75	0.00	0.00	0.00	0.00
48.00	0.00	0.00	0.00	0.00
48.25	0.00	0.00	0.00	0.00
48.50	0.00	0.00	0.00	0.00
48.75	0.00	0.00	0.00	0.00
49.00	0.00	0.00	0.00	0.00
49.25	0.00	0.00	0.00	0.00
49.50	0.00	0.00	0.00	0.00
49.75	0.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	0.00
50.25	0.00	0.00	0.00	0.00
50.50	0.00	0.00	0.00	0.00
50.75	0.00	0.00	0.00	0.00
51.00	0.00	0.00	0.00	0.00
51.25	0.00	0.00	0.00	0.00
51.50	0.00	0.00	0.00	0.00
51.75	0.00	0.00	0.00	0.00
52.00	0.00	0.00	0.00	0.00
52.25	0.00	0.00	0.00	0.00
52.50	0.00	0.00	0.00	0.00
52.75	0.00	0.00	0.00	0.00
53.00	0.00	0.00	0.00	0.00
53.25	0.00	0.00	0.00	0.00
53.50	0.00	0.00	0.00	0.00
53.75	0.00	0.00	0.00	0.00
54.00	0.00	0.00	0.00	0.00
54.25	0.00	0.00	0.00	0.00
54.50	0.00	0.00	0.00	0.00
54.75	0.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	0.00
55.25	0.00	0.00	0.00	0.00
55.50	0.00	0.00	0.00	0.00
55.75	0.00	0.00	0.00	0.00
56.00	0.00	0.00	0.00	0.00
56.25	0.00	0.00	0.00	0.00
56.50	0.00	0.00	0.00	0.00
56.75	0.00	0.00	0.00	0.00
57.00	0.00	0.00	0.00	0.00
57.25	0.00	0.00	0.00	0.00
57.50	0.00	0.00	0.00	0.00
57.75	0.00	0.00	0.00	0.00
58.00	0.00	0.00	0.00	0.00
58.25	0.00	0.00	0.00	0.00
58.50	0.00	0.00	0.00	0.00
58.75	0.00	0.00	0.00	0.00
59.00	0.00	0.00	0.00	0.00
59.25	0.00	0.00	0.00	0.00
59.50	0.00	0.00	0.00	0.00
59.75	0.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	0.00
60.25	0.00	0.00	0.00	0.00
60.50	0.00	0.00	0.00	0.00
60.75	0.00	0.00	0.00	0.00
61.00	0.00	0.00	0.00	0.00
61.25	0.00	0.00	0.00	0.00
61.50	0.00	0.00	0.00	0.00
61.75	0.00	0.00	0.00	0.00
62.00	0.00	0.00	0.00	0.00
62.25	0.00	0.00	0.00	0.00
62.50	0.00	0.00	0.00	0.00
62.75	0.00	0.00	0.00	0.00
63.00	0.00	0.00	0.00	0.00
63.25	0.00	0.00	0.00	0.00
63.50	0.00	0.00	0.00	0.00
63.75	0.00	0.00	0.00	0.00
64.00	0.00	0.00	0.00	0.00
64.25	0.00	0.00	0.00	0.00
64.50	0.00	0.00	0.00	0.00
64.75	0.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	0.00
65.25	0.00	0.00	0.00	0.00
65.50	0.00	0.00	0.00	0.00
65.75	0.00	0.00	0.00	0.00
66.00	0.00	0.00	0.00	0.00
66.25	0.00	0.00	0.00	0.00
66.50	0.00	0.00	0.00	0.00
66.75	0.00	0.00	0.00	0.00
67.00	0.00	0.00	0.00	0.00
67.25	0.00	0.00	0.00	0.00
67.50	0.00	0.00	0.00	0.00
67.75	0.00	0.00	0.00	0.00
68.00	0.00	0.00	0.00	0.00
68.25	0.00	0.00	0.00	0.00
68.50	0.00	0.00	0.00	0.00

68.75	0.00	0.00	0.00	0.00
69.00	0.00	0.00	0.00	0.00
69.25	0.00	0.00	0.00	0.00
69.50	0.00	0.00	0.00	0.00
69.75	0.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	0.00
70.25	0.00	0.00	0.00	0.00
70.50	0.00	0.00	0.00	0.00
70.75	0.00	0.00	0.00	0.00
71.00	0.00	0.00	0.00	0.00
71.25	0.00	0.00	0.00	0.00
71.50	0.00	0.00	0.00	0.00
71.75	0.00	0.00	0.00	0.00
72.00	0.00	0.00	0.00	0.00

THE MAXIMUM DISCHARGE FROM CROSS SECTION 28 IS: 1297.43 CFS AT TIME: 17.09 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 666.59 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 28

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00
13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	0.00
13.75	0.00	0.00	0.00	0.00
14.00	0.00	0.00	0.00	0.00
14.25	0.00	0.00	0.00	0.00
14.50	0.00	0.00	0.00	0.00
14.75	0.00	0.00	0.00	0.00
15.00	0.00	0.00	0.00	0.00
15.25	0.00	0.00	0.00	0.00
15.50	750.00	0.52	2.00	777.99
15.75	900.00	0.62	1.64	911.35
16.00	900.00	0.66	1.70	1005.92
16.25	900.00	0.70	1.75	1098.41
16.50	900.00	0.74	1.82	1206.32
16.75	900.00	0.76	1.83	1255.74
17.00	900.00	0.77	1.84	1275.66
17.25	900.00	0.77	1.83	1271.37
17.50	900.00	0.76	1.81	1237.96
17.75	900.00	0.75	1.81	1214.77
18.00	900.00	0.75	1.81	1217.33
18.25	900.00	0.73	1.77	1161.38
18.50	900.00	0.70	1.73	1092.59
18.75	900.00	0.68	1.69	1029.78
19.00	900.00	0.65	1.66	974.01
19.25	900.00	0.63	1.61	919.57
19.50	900.00	0.61	1.58	866.45
19.75	900.00	0.59	1.55	817.79
20.00	900.00	0.57	1.50	767.60
20.25	900.00	0.54	1.46	713.09
20.50	825.00	0.56	1.44	664.11

20.75	825.00	0.53	1.41	617.75
21.00	825.00	0.51	1.37	574.37
21.25	825.00	0.49	1.34	538.93
21.50	900.00	0.44	1.27	499.21
21.75	825.00	0.44	1.27	466.49
22.00	900.00	0.40	1.21	430.73
22.25	750.00	0.39	1.36	403.30
22.50	750.00	0.37	1.35	376.47
22.75	825.00	0.33	1.27	347.44
23.00	900.00	0.33	1.11	326.65
23.25	675.00	0.32	1.44	307.42
23.50	750.00	0.29	1.34	289.55
23.75	825.00	0.29	1.15	272.44
24.00	675.00	0.29	1.32	255.71
24.25	825.00	0.27	1.08	242.13
24.50	750.00	0.28	1.09	226.18
24.75	600.00	0.25	1.42	213.06
25.00	750.00	0.24	1.11	199.22
25.25	750.00	0.25	0.98	185.28
25.50	675.00	0.23	1.12	176.95
25.75	675.00	0.22	1.08	163.74
26.00	750.00	0.23	0.93	156.61
26.25	675.00	0.21	1.04	145.12
26.50	600.00	0.19	1.21	136.96
26.75	675.00	0.19	1.01	130.93
27.00	675.00	0.19	1.00	126.66
27.25	675.00	0.17	1.04	119.41
27.50	600.00	0.17	1.14	116.84
27.75	600.00	0.17	1.15	115.54
28.00	600.00	0.17	1.13	113.33
28.25	600.00	0.17	1.13	112.60
28.50	600.00	0.16	1.11	108.66
28.75	600.00	0.16	1.08	104.79
29.00	600.00	0.16	1.08	101.85
29.25	750.00	0.17	0.77	98.88
29.50	600.00	0.15	1.05	93.40
29.75	525.00	0.13	1.25	88.29
30.00	525.00	0.13	1.21	83.23
30.25	600.00	0.14	0.95	77.65
30.50	600.00	0.13	0.92	72.74
30.75	300.00	0.09	2.58	70.04
31.00	525.00	0.11	1.08	63.30
31.25	300.00	0.08	2.37	57.61
31.50	300.00	0.08	2.29	54.44
31.75	300.00	0.08	2.26	51.12
32.00	450.00	0.09	1.19	48.43
32.25	375.00	0.08	1.51	43.88
32.50	300.00	0.07	2.13	41.92
32.75	375.00	0.07	1.42	38.86
33.00	375.00	0.07	1.43	38.32
33.25	375.00	0.07	1.32	34.55
33.50	300.00	0.06	1.90	33.31
33.75	375.00	0.07	1.25	31.45
34.00	300.00	0.06	1.73	29.58
34.25	375.00	0.07	1.17	28.76
34.50	300.00	0.06	1.66	27.53
34.75	225.00	0.05	2.35	23.98
35.00	225.00	0.05	2.27	23.12
35.25	225.00	0.05	2.31	23.46
35.50	150.00	0.04	3.88	21.13
35.75	225.00	0.04	2.05	20.62
36.00	225.00	0.04	1.95	19.32
36.25	225.00	0.04	1.98	19.37
36.50	150.00	0.03	3.46	17.37
36.75	300.00	0.05	0.93	14.18
37.00	300.00	0.05	1.04	15.67
37.25	150.00	0.03	3.09	13.57
37.50	225.00	0.04	1.57	13.25
37.75	300.00	0.05	0.84	11.59
38.00	150.00	0.03	2.61	10.34
38.25	150.00	0.03	2.52	9.90
38.50	225.00	0.03	1.39	10.85
38.75	375.00	0.05	0.51	9.97
39.00	75.00	0.02	6.59	8.17
39.25	150.00	0.02	2.57	7.87
39.50	150.00	0.02	1.98	5.77
39.75	150.00	0.02	1.91	5.45
40.00	150.00	0.02	2.35	6.62
40.25	150.00	0.02	2.29	6.38
40.50	150.00	0.02	2.21	6.08
40.75	75.00	0.01	8.07	6.07
41.00	150.00	0.02	1.59	4.36
41.25	75.00	0.01	5.70	4.30
41.50	75.00	0.01	5.27	3.60
41.75	300.00	0.04	0.40	4.39
42.00	75.00	0.01	3.42	2.57
42.25	75.00	0.01	4.18	2.86
42.50	75.00	0.01	3.83	2.89
42.75	75.00	0.01	2.74	2.06
43.00	0.00	0.00	0.00	3.33
43.25	75.00	0.01	3.57	2.44
43.50	75.00	0.01	1.76	1.20
43.75	0.00	0.00	0.00	2.07
44.00	75.00	0.01	0.53	0.40
44.25	0.00	0.00	0.00	0.00
44.50	0.00	0.00	0.00	0.00
44.75	0.00	0.00	0.00	1.18
45.00	0.00	0.00	0.00	0.00
45.25	0.00	0.00	0.00	0.00
45.50	0.00	0.00	0.00	0.00
45.75	0.00	0.00	0.00	0.39
46.00	0.00	0.00	0.00	0.00
46.25	75.00	0.01	1.40	1.32
46.50	0.00	0.00	0.00	0.39
46.75	0.00	0.00	0.00	0.00
47.00	0.00	0.00	0.00	0.39

47.25	0.00	0.00	0.00	0.00
47.50	0.00	0.00	0.00	1.58
47.75	0.00	0.00	0.00	0.35
48.00	0.00	0.00	0.00	0.00
48.25	0.00	0.00	0.00	0.00
48.50	0.00	0.00	0.00	0.35
48.75	0.00	0.00	0.00	0.00
49.00	0.00	0.00	0.00	0.00
49.25	75.00	0.01	1.15	0.87
49.50	0.00	0.00	0.00	0.00
49.75	0.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	0.00
50.25	0.00	0.00	0.00	0.00
50.50	0.00	0.00	0.00	0.00
50.75	0.00	0.00	0.00	0.00
51.00	0.00	0.00	0.00	0.00
51.25	0.00	0.00	0.00	0.00
51.50	0.00	0.00	0.00	0.00
51.75	0.00	0.00	0.00	0.00
52.00	0.00	0.00	0.00	0.00
52.25	0.00	0.00	0.00	0.00
52.50	0.00	0.00	0.00	0.00
52.75	0.00	0.00	0.00	0.00
53.00	0.00	0.00	0.00	0.00
53.25	0.00	0.00	0.00	0.00
53.50	0.00	0.00	0.00	0.00
53.75	0.00	0.00	0.00	0.00
54.00	0.00	0.00	0.00	0.00
54.25	0.00	0.00	0.00	0.00
54.50	0.00	0.00	0.00	0.00
54.75	0.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	0.00
55.25	0.00	0.00	0.00	0.00
55.50	0.00	0.00	0.00	0.00
55.75	0.00	0.00	0.00	0.00
56.00	0.00	0.00	0.00	0.00
56.25	0.00	0.00	0.00	0.00
56.50	0.00	0.00	0.00	0.00
56.75	0.00	0.00	0.00	0.00
57.00	0.00	0.00	0.00	0.00
57.25	0.00	0.00	0.00	0.00
57.50	0.00	0.00	0.00	0.00
57.75	0.00	0.00	0.00	0.00
58.00	0.00	0.00	0.00	0.00
58.25	0.00	0.00	0.00	0.00
58.50	0.00	0.00	0.00	0.00
58.75	0.00	0.00	0.00	0.00
59.00	0.00	0.00	0.00	0.00
59.25	0.00	0.00	0.00	0.00
59.50	0.00	0.00	0.00	0.00
59.75	0.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	0.00
60.25	0.00	0.00	0.00	0.00
60.50	0.00	0.00	0.00	0.00
60.75	0.00	0.00	0.00	0.00
61.00	0.00	0.00	0.00	0.00
61.25	0.00	0.00	0.00	0.00
61.50	0.00	0.00	0.00	0.00
61.75	0.00	0.00	0.00	0.00
62.00	0.00	0.00	0.00	0.00
62.25	0.00	0.00	0.00	0.00
62.50	0.00	0.00	0.00	0.00
62.75	0.00	0.00	0.00	0.00
63.00	0.00	0.00	0.00	0.00
63.25	0.00	0.00	0.00	0.00
63.50	0.00	0.00	0.00	0.00
63.75	0.00	0.00	0.00	0.00
64.00	0.00	0.00	0.00	0.00
64.25	0.00	0.00	0.00	0.00
64.50	0.00	0.00	0.00	0.00
64.75	0.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	0.00
65.25	0.00	0.00	0.00	0.00
65.50	0.00	0.00	0.00	0.00
65.75	0.00	0.00	0.00	0.00
66.00	0.00	0.00	0.00	0.00
66.25	0.00	0.00	0.00	0.00
66.50	0.00	0.00	0.00	0.00
66.75	0.00	0.00	0.00	0.00
67.00	0.00	0.00	0.00	0.00
67.25	0.00	0.00	0.00	0.00
67.50	0.00	0.00	0.00	0.00
67.75	0.00	0.00	0.00	0.00
68.00	0.00	0.00	0.00	0.00
68.25	0.00	0.00	0.00	0.00
68.50	0.00	0.00	0.00	0.00
68.75	0.00	0.00	0.00	0.00
69.00	0.00	0.00	0.00	0.00
69.25	0.00	0.00	0.00	0.00
69.50	0.00	0.00	0.00	0.00
69.75	0.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	0.00
70.25	0.00	0.00	0.00	0.00
70.50	0.00	0.00	0.00	0.00
70.75	0.00	0.00	0.00	0.00
71.00	0.00	0.00	0.00	0.00
71.25	0.00	0.00	0.00	0.00
71.50	0.00	0.00	0.00	0.00
71.75	0.00	0.00	0.00	0.00
72.00	0.00	0.00	0.00	0.00

THE MAXIMUM DISCHARGE FROM CROSS SECTION 30 IS: 294.67 CFS AT TIME: 17.54 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 130.88 AF

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00
13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	0.00
13.75	0.00	0.00	0.00	0.00
14.00	0.00	0.00	0.00	0.00
14.25	0.00	0.00	0.00	0.00
14.50	0.00	0.00	0.00	0.00
14.75	0.00	0.00	0.00	0.00
15.00	0.00	0.00	0.00	0.00
15.25	0.00	0.00	0.00	0.00
15.50	0.00	0.00	0.00	0.00
15.75	0.00	0.00	0.00	0.00
16.00	75.00	0.03	0.27	0.51
16.25	675.00	0.17	0.71	79.61
16.50	750.00	0.25	1.01	191.85
16.75	825.00	0.30	0.96	236.97
17.00	825.00	0.32	1.03	268.93
17.25	825.00	0.33	1.06	286.94
17.50	750.00	0.32	1.20	291.74
17.75	825.00	0.33	1.07	291.39
18.00	900.00	0.34	0.93	280.93
18.25	825.00	0.33	1.04	279.18
18.50	825.00	0.32	1.03	275.51
18.75	750.00	0.30	1.15	262.80
19.00	750.00	0.29	1.11	244.70
19.25	600.00	0.27	1.42	229.52
19.50	750.00	0.28	1.03	213.77
19.75	675.00	0.26	1.14	199.48
20.00	675.00	0.25	1.11	185.19
20.25	675.00	0.24	1.09	173.62
20.50	525.00	0.21	1.44	159.33
20.75	525.00	0.20	1.40	148.04
21.00	675.00	0.21	0.97	135.49
21.25	750.00	0.21	0.81	125.55
21.50	525.00	0.17	1.24	113.68
21.75	375.00	0.15	1.87	106.15
22.00	450.00	0.15	1.42	97.54
22.25	375.00	0.14	1.70	90.18
22.50	450.00	0.15	1.27	82.98
22.75	375.00	0.13	1.54	76.78
23.00	375.00	0.13	1.47	70.26
23.25	300.00	0.11	1.88	63.88
23.50	375.00	0.11	1.41	60.44
23.75	300.00	0.10	1.84	55.59
24.00	375.00	0.11	1.33	52.49
24.25	300.00	0.09	1.76	50.15
24.50	300.00	0.09	1.68	46.43
24.75	225.00	0.08	2.36	43.38
25.00	300.00	0.09	1.56	40.50
25.25	450.00	0.10	0.87	39.02
25.50	225.00	0.07	2.17	35.73

25.75	225.00	0.07	2.11	33.06
26.00	300.00	0.07	1.42	31.67
26.25	225.00	0.06	2.08	30.14
26.50	225.00	0.06	1.95	27.14
26.75	225.00	0.06	1.90	25.45
27.00	225.00	0.06	1.83	23.95
27.25	225.00	0.06	1.73	21.78
27.50	225.00	0.05	1.80	21.73
27.75	225.00	0.05	1.67	19.49
28.00	225.00	0.05	1.52	17.33
28.25	225.00	0.05	1.51	17.11
28.50	225.00	0.05	1.47	16.57
28.75	225.00	0.05	1.34	15.08
29.00	225.00	0.05	1.33	14.97
29.25	225.00	0.05	1.34	15.10
29.50	225.00	0.05	1.27	14.10
29.75	300.00	0.06	0.81	13.65
30.00	225.00	0.05	1.25	13.59
30.25	225.00	0.05	1.23	13.09
30.50	225.00	0.05	1.14	11.88
30.75	225.00	0.05	1.21	12.42
31.00	225.00	0.05	1.08	10.97
31.25	225.00	0.05	1.00	10.86
31.50	225.00	0.05	0.97	10.66
31.75	225.00	0.05	0.96	10.15
32.00	225.00	0.05	0.95	9.71
32.25	225.00	0.04	0.94	9.27
32.50	225.00	0.04	0.92	8.78
32.75	225.00	0.04	0.90	8.30
33.00	225.00	0.04	0.85	7.65
33.25	225.00	0.04	0.82	7.25
33.50	225.00	0.04	0.81	6.95
33.75	225.00	0.04	0.81	6.74
34.00	225.00	0.04	0.75	6.01
34.25	225.00	0.03	0.76	5.91
34.50	225.00	0.03	0.68	5.15
34.75	225.00	0.03	0.68	5.08
35.00	225.00	0.03	0.70	5.07
35.25	225.00	0.03	0.67	4.81
35.50	225.00	0.03	0.67	4.79
35.75	225.00	0.03	0.56	3.99
36.00	225.00	0.03	0.55	3.86
36.25	225.00	0.03	0.48	3.28
36.50	225.00	0.03	0.64	4.42
36.75	225.00	0.03	0.47	3.20
37.00	225.00	0.03	0.65	4.43
37.25	225.00	0.03	0.46	3.12
37.50	150.00	0.02	1.14	4.14
37.75	225.00	0.03	0.45	3.01
38.00	150.00	0.02	0.83	2.94
38.25	150.00	0.02	1.15	4.01
38.50	150.00	0.02	1.25	3.97
38.75	225.00	0.03	0.58	3.74
39.00	150.00	0.02	0.78	2.58
39.25	75.00	0.01	3.27	3.55
39.50	75.00	0.01	2.69	2.83
39.75	150.00	0.02	0.64	1.70
40.00	150.00	0.02	0.40	1.07
40.25	75.00	0.01	3.67	2.76
40.50	75.00	0.01	2.84	2.10
40.75	150.00	0.02	0.62	1.61
41.00	150.00	0.02	0.37	0.95
41.25	75.00	0.01	2.21	1.54
41.50	75.00	0.01	2.19	1.50
41.75	150.00	0.02	0.81	1.87
42.00	150.00	0.02	0.35	0.88
42.25	75.00	0.01	2.88	1.96
42.50	75.00	0.01	1.28	0.87
42.75	75.00	0.01	1.28	0.87
43.00	75.00	0.01	0.90	0.62
43.25	75.00	0.01	1.27	0.87
43.50	75.00	0.01	1.23	0.84
43.75	75.00	0.01	1.14	0.78
44.00	0.00	0.00	0.00	1.85
44.25	75.00	0.00	0.00	0.00
44.50	75.00	0.01	2.72	1.86
44.75	75.00	0.01	3.23	1.87
45.00	0.00	0.00	0.00	1.86
45.25	150.00	0.00	0.00	0.00
45.50	0.00	0.00	0.00	0.78
45.75	75.00	0.00	0.00	0.00
46.00	75.00	0.01	1.23	0.77
46.25	0.00	0.00	0.00	0.77
46.50	0.00	0.00	0.00	0.77
46.75	75.00	0.01	1.23	0.77
47.00	0.00	0.00	0.00	0.78
47.25	0.00	0.00	0.00	0.00
47.50	0.00	0.00	0.00	0.00
47.75	75.00	0.00	0.00	0.00
48.00	0.00	0.00	0.00	0.00
48.25	0.00	0.00	0.00	0.00
48.50	0.00	0.00	0.00	0.77
48.75	0.00	0.00	0.00	0.78
49.00	0.00	0.00	0.00	0.78
49.25	0.00	0.00	0.00	0.78
49.50	0.00	0.00	0.00	0.00
49.75	75.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	0.00
50.25	0.00	0.00	0.00	0.00
50.50	0.00	0.00	0.00	1.84
50.75	0.00	0.00	0.00	0.00
51.00	75.00	0.00	0.00	0.00
51.25	0.00	0.00	0.00	0.00
51.50	0.00	0.00	0.00	0.00
51.75	75.00	0.00	0.00	0.00
52.00	75.00	0.00	0.00	0.00

52.25	0.00	0.00	0.00	0.00
52.50	0.00	0.00	0.00	0.00
52.75	0.00	0.00	0.00	0.00
53.00	0.00	0.00	0.00	0.78
53.25	0.00	0.00	0.00	1.08
53.50	0.00	0.00	0.00	0.00
53.75	75.00	0.00	0.00	0.00
54.00	0.00	0.00	0.00	0.00
54.25	0.00	0.00	0.00	0.00
54.50	0.00	0.00	0.00	0.00
54.75	0.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	0.00
55.25	0.00	0.00	0.00	0.00
55.50	0.00	0.00	0.00	0.00
55.75	0.00	0.00	0.00	0.00
56.00	0.00	0.00	0.00	0.00
56.25	0.00	0.00	0.00	0.00
56.50	0.00	0.00	0.00	0.00
56.75	0.00	0.00	0.00	0.00
57.00	0.00	0.00	0.00	0.00
57.25	0.00	0.00	0.00	0.00
57.50	0.00	0.00	0.00	0.00
57.75	0.00	0.00	0.00	0.00
58.00	0.00	0.00	0.00	0.00
58.25	0.00	0.00	0.00	0.00
58.50	0.00	0.00	0.00	0.00
58.75	0.00	0.00	0.00	0.00
59.00	0.00	0.00	0.00	0.00
59.25	0.00	0.00	0.00	0.00
59.50	0.00	0.00	0.00	0.00
59.75	0.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	0.00
60.25	0.00	0.00	0.00	0.00
60.50	0.00	0.00	0.00	0.00
60.75	0.00	0.00	0.00	0.00
61.00	0.00	0.00	0.00	0.00
61.25	0.00	0.00	0.00	0.00
61.50	0.00	0.00	0.00	0.00
61.75	0.00	0.00	0.00	0.00
62.00	0.00	0.00	0.00	0.00
62.25	0.00	0.00	0.00	0.00
62.50	0.00	0.00	0.00	0.00
62.75	0.00	0.00	0.00	0.00
63.00	0.00	0.00	0.00	0.00
63.25	0.00	0.00	0.00	0.00
63.50	0.00	0.00	0.00	0.00
63.75	0.00	0.00	0.00	0.00
64.00	0.00	0.00	0.00	0.00
64.25	0.00	0.00	0.00	0.00
64.50	0.00	0.00	0.00	0.00
64.75	0.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	0.00
65.25	0.00	0.00	0.00	0.00
65.50	0.00	0.00	0.00	0.00
65.75	0.00	0.00	0.00	0.00
66.00	0.00	0.00	0.00	0.00
66.25	0.00	0.00	0.00	0.00
66.50	0.00	0.00	0.00	0.00
66.75	0.00	0.00	0.00	0.00
67.00	0.00	0.00	0.00	0.00
67.25	0.00	0.00	0.00	0.00
67.50	0.00	0.00	0.00	0.00
67.75	0.00	0.00	0.00	0.00
68.00	0.00	0.00	0.00	0.00
68.25	0.00	0.00	0.00	0.00
68.50	0.00	0.00	0.00	0.00
68.75	0.00	0.00	0.00	0.00
69.00	0.00	0.00	0.00	0.00
69.25	0.00	0.00	0.00	0.00
69.50	0.00	0.00	0.00	0.00
69.75	0.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	0.00
70.25	0.00	0.00	0.00	0.00
70.50	0.00	0.00	0.00	0.00
70.75	0.00	0.00	0.00	0.00
71.00	0.00	0.00	0.00	0.00
71.25	0.00	0.00	0.00	0.00
71.50	0.00	0.00	0.00	0.00
71.75	0.00	0.00	0.00	0.00
72.00	0.00	0.00	0.00	0.00

24-Hour, 25-Year HYCROSS.OUT

THE MAXIMUM DISCHARGE FROM CROSS SECTION 1 IS: 441.87 CFS AT TIME: 14.30 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 90.78 AF

NOTE: THE MAXIMUM DISCHARGE AT THIS CROSS SECTION INCLUDES THE CHANNEL DISCHARGE
THE HYDRAULIC VARIABLES IN THE TABLE BELOW ARE COMPUTED FOR THE FLOODPLAIN FLOW (DEPTH > TOL) ONLY
IF THE HYDRAULIC VARIABLES ARE ZERO IN THE TABLE BELOW, ALL THE DISCHARGE IS IN THE CHANNEL

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 1

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	1.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	2.77
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	8.58
10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	17.21
11.25	0.00	0.00	0.00	30.32
11.50	0.00	0.00	0.00	44.91
11.75	0.00	0.00	0.00	7.37
12.00	0.00	0.00	0.00	60.97
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	85.72
12.75	0.00	0.00	0.00	0.00
13.00	150.00	0.21	1.09	33.65
13.25	150.00	0.24	1.28	116.75
13.50	150.00	0.22	1.32	76.33
13.75	150.00	0.22	1.13	193.56
14.00	150.00	0.26	1.58	83.94
14.25	150.00	0.24	1.54	151.57
14.50	150.00	0.23	1.20	209.80
14.75	150.00	0.29	1.67	297.65
15.00	150.00	0.32	1.98	133.08
15.25	150.00	0.27	1.72	93.85
15.50	150.00	0.33	1.87	423.27
15.75	150.00	0.32	2.09	201.56
16.00	150.00	0.27	1.67	228.47
16.25	150.00	0.33	1.88	262.58
16.50	150.00	0.28	1.83	157.73
16.75	150.00	0.24	1.47	142.43
17.00	150.00	0.20	0.96	297.66
17.25	150.00	0.21	1.25	38.75
17.50	150.00	0.20	1.05	128.96
17.75	150.00	0.15	1.24	84.76
18.00	150.00	0.17	1.19	93.52
18.25	150.00	0.15	1.26	103.00
18.50	150.00	0.13	0.55	11.21
18.75	150.00	0.14	0.50	10.27
19.00	150.00	0.13	0.42	8.30
19.25	75.00	0.07	1.68	9.42
19.50	150.00	0.13	0.52	10.37
19.75	150.00	0.13	0.51	9.80
20.00	150.00	0.10	0.39	6.01
20.25	150.00	0.12	0.47	117.67
20.50	150.00	0.12	0.35	6.25
20.75	0.00	0.00	0.00	0.00
21.00	0.00	0.00	0.00	21.41
21.25	150.00	0.13	0.40	131.99
21.50	0.00	0.00	0.00	0.00
21.75	150.00	0.12	0.42	80.78
22.00	0.00	0.00	0.00	0.00
22.25	0.00	0.00	0.00	0.00
22.50	0.00	0.00	0.00	0.00
22.75	0.00	0.00	0.00	0.00
23.00	0.00	0.00	0.00	0.00

23.25	0.00	0.00	0.00	0.00
23.50	150.00	0.12	0.34	81.28
23.75	150.00	0.11	0.30	38.06
24.00	150.00	0.12	0.42	72.54
24.25	75.00	0.07	1.64	125.77
24.50	150.00	0.13	0.36	6.85
24.75	0.00	0.00	0.00	0.00
25.00	0.00	0.00	0.00	0.00
25.25	0.00	0.00	0.00	0.00
25.50	0.00	0.00	0.00	0.00
25.75	0.00	0.00	0.00	0.00
26.00	0.00	0.00	0.00	0.00
26.25	0.00	0.00	0.00	0.00
26.50	0.00	0.00	0.00	0.00
26.75	0.00	0.00	0.00	0.00
27.00	0.00	0.00	0.00	0.00
27.25	0.00	0.00	0.00	14.34
27.50	0.00	0.00	0.00	0.00
27.75	0.00	0.00	0.00	0.00
28.00	0.00	0.00	0.00	0.00
28.25	0.00	0.00	0.00	0.00
28.50	0.00	0.00	0.00	0.00
28.75	0.00	0.00	0.00	0.00
29.00	0.00	0.00	0.00	0.00
29.25	0.00	0.00	0.00	0.00
29.50	0.00	0.00	0.00	0.00
29.75	0.00	0.00	0.00	0.00
30.00	0.00	0.00	0.00	0.00
30.25	0.00	0.00	0.00	0.00
30.50	0.00	0.00	0.00	0.00
30.75	0.00	0.00	0.00	0.00
31.00	0.00	0.00	0.00	0.00
31.25	0.00	0.00	0.00	0.00
31.50	0.00	0.00	0.00	0.00
31.75	0.00	0.00	0.00	0.00
32.00	0.00	0.00	0.00	0.00
32.25	0.00	0.00	0.00	0.00
32.50	0.00	0.00	0.00	0.00
32.75	0.00	0.00	0.00	0.00
33.00	0.00	0.00	0.00	0.00
33.25	0.00	0.00	0.00	0.00
33.50	0.00	0.00	0.00	0.00
33.75	0.00	0.00	0.00	0.00
34.00	0.00	0.00	0.00	0.00
34.25	0.00	0.00	0.00	0.00
34.50	0.00	0.00	0.00	0.00
34.75	0.00	0.00	0.00	0.00
35.00	0.00	0.00	0.00	0.00
35.25	0.00	0.00	0.00	0.00
35.50	0.00	0.00	0.00	0.00
35.75	0.00	0.00	0.00	0.00
36.00	0.00	0.00	0.00	0.00
36.25	0.00	0.00	0.00	0.00
36.50	0.00	0.00	0.00	0.00
36.75	0.00	0.00	0.00	0.00
37.00	0.00	0.00	0.00	0.00
37.25	0.00	0.00	0.00	0.00
37.50	0.00	0.00	0.00	0.00
37.75	0.00	0.00	0.00	0.00
38.00	0.00	0.00	0.00	0.00
38.25	0.00	0.00	0.00	0.00
38.50	0.00	0.00	0.00	0.00
38.75	0.00	0.00	0.00	0.00
39.00	0.00	0.00	0.00	0.00
39.25	0.00	0.00	0.00	0.00
39.50	0.00	0.00	0.00	0.00
39.75	0.00	0.00	0.00	0.00
40.00	0.00	0.00	0.00	0.00
40.25	0.00	0.00	0.00	0.00
40.50	0.00	0.00	0.00	0.00
40.75	0.00	0.00	0.00	0.00
41.00	0.00	0.00	0.00	0.00
41.25	0.00	0.00	0.00	0.00
41.50	0.00	0.00	0.00	0.00
41.75	0.00	0.00	0.00	0.00
42.00	0.00	0.00	0.00	0.00
42.25	0.00	0.00	0.00	0.00
42.50	0.00	0.00	0.00	0.00
42.75	0.00	0.00	0.00	0.00
43.00	0.00	0.00	0.00	0.00
43.25	0.00	0.00	0.00	0.00
43.50	0.00	0.00	0.00	0.00
43.75	0.00	0.00	0.00	0.00
44.00	0.00	0.00	0.00	0.00
44.25	0.00	0.00	0.00	0.00
44.50	0.00	0.00	0.00	0.00
44.75	0.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	0.00
45.25	0.00	0.00	0.00	0.00
45.50	0.00	0.00	0.00	0.00
45.75	0.00	0.00	0.00	0.00
46.00	0.00	0.00	0.00	0.00
46.25	0.00	0.00	0.00	0.00
46.50	0.00	0.00	0.00	0.00
46.75	0.00	0.00	0.00	0.00
47.00	0.00	0.00	0.00	0.00
47.25	0.00	0.00	0.00	0.00
47.50	0.00	0.00	0.00	0.00
47.75	0.00	0.00	0.00	0.00
48.00	0.00	0.00	0.00	0.00
48.25	0.00	0.00	0.00	0.00
48.50	0.00	0.00	0.00	0.00
48.75	0.00	0.00	0.00	0.00
49.00	0.00	0.00	0.00	0.00
49.25	0.00	0.00	0.00	0.00
49.50	0.00	0.00	0.00	0.00

49.75	0.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	0.00
50.25	0.00	0.00	0.00	0.00
50.50	0.00	0.00	0.00	0.00
50.75	0.00	0.00	0.00	0.00
51.00	0.00	0.00	0.00	0.00
51.25	0.00	0.00	0.00	0.00
51.50	0.00	0.00	0.00	0.00
51.75	0.00	0.00	0.00	0.00
52.00	0.00	0.00	0.00	0.00
52.25	0.00	0.00	0.00	0.00
52.50	0.00	0.00	0.00	0.00
52.75	0.00	0.00	0.00	0.00
53.00	0.00	0.00	0.00	0.00
53.25	0.00	0.00	0.00	0.00
53.50	0.00	0.00	0.00	0.00
53.75	0.00	0.00	0.00	0.00
54.00	0.00	0.00	0.00	0.00
54.25	0.00	0.00	0.00	0.00
54.50	0.00	0.00	0.00	0.00
54.75	0.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	0.00
55.25	0.00	0.00	0.00	0.00
55.50	0.00	0.00	0.00	0.00
55.75	0.00	0.00	0.00	0.00
56.00	0.00	0.00	0.00	0.00
56.25	0.00	0.00	0.00	0.00
56.50	0.00	0.00	0.00	0.00
56.75	0.00	0.00	0.00	0.00
57.00	0.00	0.00	0.00	0.00
57.25	0.00	0.00	0.00	0.00
57.50	0.00	0.00	0.00	0.00
57.75	0.00	0.00	0.00	0.00
58.00	0.00	0.00	0.00	0.00
58.25	0.00	0.00	0.00	0.00
58.50	0.00	0.00	0.00	0.00
58.75	0.00	0.00	0.00	0.00
59.00	0.00	0.00	0.00	0.00
59.25	0.00	0.00	0.00	0.00
59.50	0.00	0.00	0.00	0.00
59.75	0.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	0.00
60.25	0.00	0.00	0.00	0.00
60.50	0.00	0.00	0.00	0.00
60.75	0.00	0.00	0.00	0.00
61.00	0.00	0.00	0.00	0.00
61.25	0.00	0.00	0.00	0.00
61.50	0.00	0.00	0.00	0.00
61.75	0.00	0.00	0.00	0.00
62.00	0.00	0.00	0.00	0.00
62.25	0.00	0.00	0.00	0.00
62.50	0.00	0.00	0.00	0.00
62.75	0.00	0.00	0.00	0.00
63.00	0.00	0.00	0.00	0.00
63.25	0.00	0.00	0.00	0.00
63.50	0.00	0.00	0.00	0.00
63.75	0.00	0.00	0.00	0.00
64.00	0.00	0.00	0.00	0.00
64.25	0.00	0.00	0.00	0.00
64.50	0.00	0.00	0.00	0.00
64.75	0.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	0.00
65.25	0.00	0.00	0.00	0.00
65.50	0.00	0.00	0.00	0.00
65.75	0.00	0.00	0.00	0.00
66.00	0.00	0.00	0.00	0.00
66.25	0.00	0.00	0.00	0.00
66.50	0.00	0.00	0.00	0.00
66.75	0.00	0.00	0.00	0.00
67.00	0.00	0.00	0.00	0.00
67.25	0.00	0.00	0.00	0.00
67.50	0.00	0.00	0.00	0.00
67.75	0.00	0.00	0.00	0.00
68.00	0.00	0.00	0.00	0.00
68.25	0.00	0.00	0.00	0.00
68.50	0.00	0.00	0.00	0.00
68.75	0.00	0.00	0.00	0.00
69.00	0.00	0.00	0.00	0.00
69.25	0.00	0.00	0.00	0.00
69.50	0.00	0.00	0.00	0.00
69.75	0.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	0.00
70.25	0.00	0.00	0.00	0.00
70.50	0.00	0.00	0.00	0.00
70.75	0.00	0.00	0.00	0.00
71.00	0.00	0.00	0.00	0.00
71.25	0.00	0.00	0.00	0.00
71.50	0.00	0.00	0.00	0.00
71.75	0.00	0.00	0.00	0.00
72.00	0.00	0.00	0.00	0.00

THE MAXIMUM DISCHARGE FROM CROSS SECTION 2 IS: 0.00 CFS AT TIME: 0.00 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 0.00 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 2

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00

1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00
13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	0.00
13.75	0.00	0.00	0.00	0.00
14.00	0.00	0.00	0.00	0.00
14.25	0.00	0.00	0.00	0.00
14.50	0.00	0.00	0.00	0.00
14.75	0.00	0.00	0.00	0.00
15.00	0.00	0.00	0.00	0.00
15.25	0.00	0.00	0.00	0.00
15.50	0.00	0.00	0.00	0.00
15.75	0.00	0.00	0.00	0.00
16.00	0.00	0.00	0.00	0.00
16.25	0.00	0.00	0.00	0.00
16.50	0.00	0.00	0.00	0.00
16.75	0.00	0.00	0.00	0.00
17.00	0.00	0.00	0.00	0.00
17.25	0.00	0.00	0.00	0.00
17.50	0.00	0.00	0.00	0.00
17.75	0.00	0.00	0.00	0.00
18.00	0.00	0.00	0.00	0.00
18.25	0.00	0.00	0.00	0.00
18.50	0.00	0.00	0.00	0.00
18.75	0.00	0.00	0.00	0.00
19.00	0.00	0.00	0.00	0.00
19.25	0.00	0.00	0.00	0.00
19.50	0.00	0.00	0.00	0.00
19.75	0.00	0.00	0.00	0.00
20.00	0.00	0.00	0.00	0.00
20.25	0.00	0.00	0.00	0.00
20.50	0.00	0.00	0.00	0.00
20.75	0.00	0.00	0.00	0.00
21.00	0.00	0.00	0.00	0.00
21.25	0.00	0.00	0.00	0.00
21.50	0.00	0.00	0.00	0.00
21.75	0.00	0.00	0.00	0.00
22.00	0.00	0.00	0.00	0.00
22.25	0.00	0.00	0.00	0.00
22.50	0.00	0.00	0.00	0.00
22.75	0.00	0.00	0.00	0.00
23.00	0.00	0.00	0.00	0.00
23.25	0.00	0.00	0.00	0.00
23.50	0.00	0.00	0.00	0.00
23.75	0.00	0.00	0.00	0.00
24.00	0.00	0.00	0.00	0.00
24.25	0.00	0.00	0.00	0.00
24.50	0.00	0.00	0.00	0.00
24.75	0.00	0.00	0.00	0.00
25.00	0.00	0.00	0.00	0.00
25.25	0.00	0.00	0.00	0.00
25.50	0.00	0.00	0.00	0.00
25.75	0.00	0.00	0.00	0.00
26.00	0.00	0.00	0.00	0.00
26.25	0.00	0.00	0.00	0.00
26.50	0.00	0.00	0.00	0.00
26.75	0.00	0.00	0.00	0.00
27.00	0.00	0.00	0.00	0.00
27.25	0.00	0.00	0.00	0.00
27.50	0.00	0.00	0.00	0.00
27.75	0.00	0.00	0.00	0.00

28.00	0.00	0.00	0.00	0.00
28.25	0.00	0.00	0.00	0.00
28.50	0.00	0.00	0.00	0.00
28.75	0.00	0.00	0.00	0.00
29.00	0.00	0.00	0.00	0.00
29.25	0.00	0.00	0.00	0.00
29.50	0.00	0.00	0.00	0.00
29.75	0.00	0.00	0.00	0.00
30.00	0.00	0.00	0.00	0.00
30.25	0.00	0.00	0.00	0.00
30.50	0.00	0.00	0.00	0.00
30.75	0.00	0.00	0.00	0.00
31.00	0.00	0.00	0.00	0.00
31.25	0.00	0.00	0.00	0.00
31.50	0.00	0.00	0.00	0.00
31.75	0.00	0.00	0.00	0.00
32.00	0.00	0.00	0.00	0.00
32.25	0.00	0.00	0.00	0.00
32.50	0.00	0.00	0.00	0.00
32.75	0.00	0.00	0.00	0.00
33.00	0.00	0.00	0.00	0.00
33.25	0.00	0.00	0.00	0.00
33.50	0.00	0.00	0.00	0.00
33.75	0.00	0.00	0.00	0.00
34.00	0.00	0.00	0.00	0.00
34.25	0.00	0.00	0.00	0.00
34.50	0.00	0.00	0.00	0.00
34.75	0.00	0.00	0.00	0.00
35.00	0.00	0.00	0.00	0.00
35.25	0.00	0.00	0.00	0.00
35.50	0.00	0.00	0.00	0.00
35.75	0.00	0.00	0.00	0.00
36.00	0.00	0.00	0.00	0.00
36.25	0.00	0.00	0.00	0.00
36.50	0.00	0.00	0.00	0.00
36.75	0.00	0.00	0.00	0.00
37.00	0.00	0.00	0.00	0.00
37.25	0.00	0.00	0.00	0.00
37.50	0.00	0.00	0.00	0.00
37.75	0.00	0.00	0.00	0.00
38.00	0.00	0.00	0.00	0.00
38.25	0.00	0.00	0.00	0.00
38.50	0.00	0.00	0.00	0.00
38.75	0.00	0.00	0.00	0.00
39.00	0.00	0.00	0.00	0.00
39.25	0.00	0.00	0.00	0.00
39.50	0.00	0.00	0.00	0.00
39.75	0.00	0.00	0.00	0.00
40.00	0.00	0.00	0.00	0.00
40.25	0.00	0.00	0.00	0.00
40.50	0.00	0.00	0.00	0.00
40.75	0.00	0.00	0.00	0.00
41.00	0.00	0.00	0.00	0.00
41.25	0.00	0.00	0.00	0.00
41.50	0.00	0.00	0.00	0.00
41.75	0.00	0.00	0.00	0.00
42.00	0.00	0.00	0.00	0.00
42.25	0.00	0.00	0.00	0.00
42.50	0.00	0.00	0.00	0.00
42.75	0.00	0.00	0.00	0.00
43.00	0.00	0.00	0.00	0.00
43.25	0.00	0.00	0.00	0.00
43.50	0.00	0.00	0.00	0.00
43.75	0.00	0.00	0.00	0.00
44.00	0.00	0.00	0.00	0.00
44.25	0.00	0.00	0.00	0.00
44.50	0.00	0.00	0.00	0.00
44.75	0.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	0.00
45.25	0.00	0.00	0.00	0.00
45.50	0.00	0.00	0.00	0.00
45.75	0.00	0.00	0.00	0.00
46.00	0.00	0.00	0.00	0.00
46.25	0.00	0.00	0.00	0.00
46.50	0.00	0.00	0.00	0.00
46.75	0.00	0.00	0.00	0.00
47.00	0.00	0.00	0.00	0.00
47.25	0.00	0.00	0.00	0.00
47.50	0.00	0.00	0.00	0.00
47.75	0.00	0.00	0.00	0.00
48.00	0.00	0.00	0.00	0.00
48.25	0.00	0.00	0.00	0.00
48.50	0.00	0.00	0.00	0.00
48.75	0.00	0.00	0.00	0.00
49.00	0.00	0.00	0.00	0.00
49.25	0.00	0.00	0.00	0.00
49.50	0.00	0.00	0.00	0.00
49.75	0.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	0.00
50.25	0.00	0.00	0.00	0.00
50.50	0.00	0.00	0.00	0.00
50.75	0.00	0.00	0.00	0.00
51.00	0.00	0.00	0.00	0.00
51.25	0.00	0.00	0.00	0.00
51.50	0.00	0.00	0.00	0.00
51.75	0.00	0.00	0.00	0.00
52.00	0.00	0.00	0.00	0.00
52.25	0.00	0.00	0.00	0.00
52.50	0.00	0.00	0.00	0.00
52.75	0.00	0.00	0.00	0.00
53.00	0.00	0.00	0.00	0.00
53.25	0.00	0.00	0.00	0.00
53.50	0.00	0.00	0.00	0.00
53.75	0.00	0.00	0.00	0.00
54.00	0.00	0.00	0.00	0.00
54.25	0.00	0.00	0.00	0.00

54.50	0.00	0.00	0.00	0.00
54.75	0.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	0.00
55.25	0.00	0.00	0.00	0.00
55.50	0.00	0.00	0.00	0.00
55.75	0.00	0.00	0.00	0.00
56.00	0.00	0.00	0.00	0.00
56.25	0.00	0.00	0.00	0.00
56.50	0.00	0.00	0.00	0.00
56.75	0.00	0.00	0.00	0.00
57.00	0.00	0.00	0.00	0.00
57.25	0.00	0.00	0.00	0.00
57.50	0.00	0.00	0.00	0.00
57.75	0.00	0.00	0.00	0.00
58.00	0.00	0.00	0.00	0.00
58.25	0.00	0.00	0.00	0.00
58.50	0.00	0.00	0.00	0.00
58.75	0.00	0.00	0.00	0.00
59.00	0.00	0.00	0.00	0.00
59.25	0.00	0.00	0.00	0.00
59.50	0.00	0.00	0.00	0.00
59.75	0.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	0.00
60.25	0.00	0.00	0.00	0.00
60.50	0.00	0.00	0.00	0.00
60.75	0.00	0.00	0.00	0.00
61.00	0.00	0.00	0.00	0.00
61.25	0.00	0.00	0.00	0.00
61.50	0.00	0.00	0.00	0.00
61.75	0.00	0.00	0.00	0.00
62.00	0.00	0.00	0.00	0.00
62.25	0.00	0.00	0.00	0.00
62.50	0.00	0.00	0.00	0.00
62.75	0.00	0.00	0.00	0.00
63.00	0.00	0.00	0.00	0.00
63.25	0.00	0.00	0.00	0.00
63.50	0.00	0.00	0.00	0.00
63.75	0.00	0.00	0.00	0.00
64.00	0.00	0.00	0.00	0.00
64.25	0.00	0.00	0.00	0.00
64.50	0.00	0.00	0.00	0.00
64.75	0.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	0.00
65.25	0.00	0.00	0.00	0.00
65.50	0.00	0.00	0.00	0.00
65.75	0.00	0.00	0.00	0.00
66.00	0.00	0.00	0.00	0.00
66.25	0.00	0.00	0.00	0.00
66.50	0.00	0.00	0.00	0.00
66.75	0.00	0.00	0.00	0.00
67.00	0.00	0.00	0.00	0.00
67.25	0.00	0.00	0.00	0.00
67.50	0.00	0.00	0.00	0.00
67.75	0.00	0.00	0.00	0.00
68.00	0.00	0.00	0.00	0.00
68.25	0.00	0.00	0.00	0.00
68.50	0.00	0.00	0.00	0.00
68.75	0.00	0.00	0.00	0.00
69.00	0.00	0.00	0.00	0.00
69.25	0.00	0.00	0.00	0.00
69.50	0.00	0.00	0.00	0.00
69.75	0.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	0.00
70.25	0.00	0.00	0.00	0.00
70.50	0.00	0.00	0.00	0.00
70.75	0.00	0.00	0.00	0.00
71.00	0.00	0.00	0.00	0.00
71.25	0.00	0.00	0.00	0.00
71.50	0.00	0.00	0.00	0.00
71.75	0.00	0.00	0.00	0.00
72.00	0.00	0.00	0.00	0.00

THE MAXIMUM DISCHARGE FROM CROSS SECTION 3 IS: 690.74 CFS AT TIME: 17.87 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 305.70 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 3

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00

6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00
13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	0.00
13.75	0.00	0.00	0.00	0.00
14.00	0.00	0.00	0.00	0.00
14.25	0.00	0.00	0.00	0.00
14.50	0.00	0.00	0.00	0.00
14.75	0.00	0.00	0.00	0.00
15.00	0.00	0.00	0.00	0.00
15.25	0.00	0.00	0.00	0.00
15.50	0.00	0.00	0.00	0.00
15.75	0.00	0.00	0.00	0.00
16.00	0.00	0.00	0.00	0.00
16.25	0.00	0.00	0.00	0.00
16.50	0.00	0.00	0.00	0.00
16.75	0.00	0.00	0.00	0.00
17.00	525.00	0.19	4.53	452.38
17.25	675.00	0.24	3.79	603.70
17.50	825.00	0.26	3.05	661.39
17.75	825.00	0.27	3.10	686.57
18.00	825.00	0.27	3.08	682.24
18.25	825.00	0.26	3.03	661.55
18.50	825.00	0.26	2.97	636.98
18.75	750.00	0.25	3.21	598.58
19.00	750.00	0.24	3.13	554.57
19.25	750.00	0.23	3.05	519.24
19.50	750.00	0.22	2.97	486.46
19.75	750.00	0.21	2.88	451.88
20.00	750.00	0.20	2.79	421.83
20.25	750.00	0.20	2.69	393.43
20.50	750.00	0.19	2.59	364.87
20.75	750.00	0.18	2.49	337.34
21.00	750.00	0.17	2.41	313.40
21.25	750.00	0.17	2.33	291.16
21.50	675.00	0.16	2.59	272.70
21.75	750.00	0.16	2.31	273.75
22.00	750.00	0.16	2.29	267.05
22.25	675.00	0.15	2.56	256.58
22.50	675.00	0.14	2.50	241.61
22.75	675.00	0.14	2.45	227.63
23.00	600.00	0.13	2.77	213.15
23.25	750.00	0.13	2.01	197.65
23.50	600.00	0.12	2.59	188.40
23.75	600.00	0.12	2.55	179.51
24.00	600.00	0.11	2.46	168.37
24.25	675.00	0.11	2.08	160.47
24.50	525.00	0.10	2.79	151.33
24.75	750.00	0.11	1.73	143.33
25.00	825.00	0.11	1.45	131.80
25.25	675.00	0.10	1.86	124.61
25.50	675.00	0.10	1.81	117.15
25.75	675.00	0.09	1.73	109.32
26.00	525.00	0.08	2.40	106.29
26.25	675.00	0.09	1.65	100.51
26.50	675.00	0.09	1.62	95.83
26.75	600.00	0.08	1.87	91.77
27.00	450.00	0.07	2.64	86.34
27.25	525.00	0.07	2.10	82.05
27.50	450.00	0.07	2.53	78.86
27.75	525.00	0.07	1.97	73.69
28.00	525.00	0.07	1.92	70.37
28.25	600.00	0.07	1.57	68.12
28.50	525.00	0.07	1.90	67.63
28.75	675.00	0.07	1.35	67.67
29.00	525.00	0.07	1.88	66.14
29.25	450.00	0.06	2.33	66.09
29.50	450.00	0.06	2.27	62.70
29.75	450.00	0.06	2.24	60.10
30.00	450.00	0.06	2.20	57.99
30.25	450.00	0.06	2.15	55.18
30.50	450.00	0.06	2.13	53.05
30.75	450.00	0.05	2.06	50.25
31.00	525.00	0.06	1.59	47.07
31.25	450.00	0.05	1.98	45.30
31.50	450.00	0.05	1.81	40.14
31.75	450.00	0.05	1.78	38.61
32.00	450.00	0.05	1.77	37.77
32.25	450.00	0.05	1.71	35.67
32.50	450.00	0.05	1.61	32.91

32.75	525.00	0.05	1.20	30.29
33.00	450.00	0.04	1.48	28.95
33.25	450.00	0.04	1.47	27.89
33.50	525.00	0.04	1.19	27.65
33.75	450.00	0.04	1.35	24.10
34.00	525.00	0.04	1.05	23.46
34.25	450.00	0.04	1.29	22.27
34.50	525.00	0.04	0.91	20.19
34.75	525.00	0.04	0.93	20.56
35.00	450.00	0.04	1.11	18.97
35.25	450.00	0.04	1.09	18.38
35.50	450.00	0.04	1.01	16.31
35.75	375.00	0.03	1.35	16.19
36.00	600.00	0.04	0.67	16.33
36.25	525.00	0.04	0.71	13.50
36.50	450.00	0.03	0.81	11.55
36.75	450.00	0.03	0.90	12.89
37.00	450.00	0.03	0.61	8.58
37.25	375.00	0.03	1.16	12.52
37.50	450.00	0.03	0.63	8.81
37.75	375.00	0.03	0.83	8.81
38.00	450.00	0.03	0.63	8.52
38.25	375.00	0.03	0.89	8.88
38.50	375.00	0.02	0.81	7.41
38.75	300.00	0.02	1.22	7.72
39.00	375.00	0.02	0.78	6.61
39.25	450.00	0.03	0.44	5.18
39.50	450.00	0.03	0.35	4.01
39.75	375.00	0.02	0.58	4.86
40.00	375.00	0.02	0.68	5.60
40.25	300.00	0.02	1.01	5.50
40.50	225.00	0.01	1.34	4.04
40.75	300.00	0.02	0.74	3.59
41.00	450.00	0.02	0.34	3.29
41.25	375.00	0.02	0.62	4.36
41.50	225.00	0.01	1.57	4.25
41.75	300.00	0.01	0.20	0.91
42.00	375.00	0.02	0.73	5.10
42.25	225.00	0.01	1.45	3.77
42.50	0.00	0.00	0.00	1.76
42.75	0.00	0.00	0.00	0.89
43.00	0.00	0.00	0.00	0.00
43.25	75.00	0.00	10.12	3.04
43.50	150.00	0.01	2.63	3.04
43.75	300.00	0.01	0.08	0.37
44.00	0.00	0.00	0.00	0.00
44.25	0.00	0.00	0.00	0.00
44.50	0.00	0.00	0.00	0.00
44.75	0.00	0.00	0.00	0.00
45.00	150.00	0.01	0.87	0.97
45.25	75.00	0.00	0.00	0.00
45.50	0.00	0.00	0.00	0.00
45.75	0.00	0.00	0.00	0.00
46.00	0.00	0.00	0.00	0.00
46.25	0.00	0.00	0.00	0.00
46.50	0.00	0.00	0.00	0.00
46.75	0.00	0.00	0.00	0.00
47.00	0.00	0.00	0.00	0.00
47.25	0.00	0.00	0.00	0.00
47.50	0.00	0.00	0.00	0.00
47.75	0.00	0.00	0.00	0.00
48.00	0.00	0.00	0.00	0.00
48.25	0.00	0.00	0.00	0.00
48.50	0.00	0.00	0.00	0.00
48.75	0.00	0.00	0.00	0.00
49.00	0.00	0.00	0.00	0.00
49.25	0.00	0.00	0.00	0.00
49.50	0.00	0.00	0.00	0.00
49.75	0.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	0.00
50.25	0.00	0.00	0.00	0.00
50.50	0.00	0.00	0.00	0.00
50.75	0.00	0.00	0.00	0.00
51.00	0.00	0.00	0.00	0.00
51.25	0.00	0.00	0.00	0.97
51.50	0.00	0.00	0.00	0.00
51.75	0.00	0.00	0.00	0.00
52.00	0.00	0.00	0.00	0.00
52.25	0.00	0.00	0.00	0.00
52.50	0.00	0.00	0.00	0.00
52.75	0.00	0.00	0.00	0.00
53.00	0.00	0.00	0.00	0.00
53.25	0.00	0.00	0.00	0.00
53.50	0.00	0.00	0.00	0.00
53.75	0.00	0.00	0.00	0.00
54.00	0.00	0.00	0.00	0.00
54.25	0.00	0.00	0.00	0.00
54.50	0.00	0.00	0.00	0.00
54.75	0.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	0.00
55.25	0.00	0.00	0.00	0.00
55.50	0.00	0.00	0.00	0.00
55.75	0.00	0.00	0.00	0.00
56.00	0.00	0.00	0.00	0.00
56.25	0.00	0.00	0.00	0.00
56.50	0.00	0.00	0.00	0.00
56.75	0.00	0.00	0.00	0.00
57.00	0.00	0.00	0.00	0.00
57.25	0.00	0.00	0.00	0.00
57.50	0.00	0.00	0.00	0.00
57.75	0.00	0.00	0.00	0.00
58.00	0.00	0.00	0.00	0.00
58.25	0.00	0.00	0.00	0.00
58.50	0.00	0.00	0.00	0.00
58.75	0.00	0.00	0.00	0.00
59.00	0.00	0.00	0.00	0.00

59.25	0.00	0.00	0.00	0.00
59.50	0.00	0.00	0.00	0.00
59.75	0.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	0.00
60.25	0.00	0.00	0.00	0.00
60.50	0.00	0.00	0.00	0.00
60.75	0.00	0.00	0.00	0.00
61.00	0.00	0.00	0.00	0.00
61.25	0.00	0.00	0.00	0.00
61.50	0.00	0.00	0.00	0.00
61.75	0.00	0.00	0.00	0.00
62.00	0.00	0.00	0.00	0.00
62.25	0.00	0.00	0.00	0.00
62.50	0.00	0.00	0.00	0.00
62.75	0.00	0.00	0.00	0.00
63.00	0.00	0.00	0.00	0.00
63.25	0.00	0.00	0.00	0.00
63.50	0.00	0.00	0.00	0.00
63.75	0.00	0.00	0.00	0.00
64.00	0.00	0.00	0.00	0.00
64.25	0.00	0.00	0.00	0.00
64.50	0.00	0.00	0.00	0.00
64.75	0.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	0.00
65.25	0.00	0.00	0.00	0.00
65.50	0.00	0.00	0.00	0.00
65.75	0.00	0.00	0.00	0.00
66.00	0.00	0.00	0.00	0.00
66.25	0.00	0.00	0.00	0.00
66.50	0.00	0.00	0.00	0.00
66.75	0.00	0.00	0.00	0.00
67.00	0.00	0.00	0.00	0.00
67.25	0.00	0.00	0.00	0.00
67.50	0.00	0.00	0.00	0.00
67.75	0.00	0.00	0.00	0.00
68.00	0.00	0.00	0.00	0.00
68.25	0.00	0.00	0.00	0.00
68.50	0.00	0.00	0.00	0.00
68.75	0.00	0.00	0.00	0.00
69.00	0.00	0.00	0.00	0.00
69.25	0.00	0.00	0.00	0.00
69.50	0.00	0.00	0.00	0.00
69.75	0.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	0.00
70.25	0.00	0.00	0.00	0.00
70.50	0.00	0.00	0.00	0.00
70.75	0.00	0.00	0.00	0.00
71.00	0.00	0.00	0.00	0.00
71.25	0.00	0.00	0.00	0.00
71.50	0.00	0.00	0.00	0.00
71.75	0.00	0.00	0.00	0.00
72.00	0.00	0.00	0.00	0.00

THE MAXIMUM DISCHARGE FROM CROSS SECTION 4 IS: 0.00 CFS AT TIME: 0.00 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 0.00 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 4

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00

11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00
13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	0.00
13.75	0.00	0.00	0.00	0.00
14.00	0.00	0.00	0.00	0.00
14.25	0.00	0.00	0.00	0.00
14.50	0.00	0.00	0.00	0.00
14.75	0.00	0.00	0.00	0.00
15.00	0.00	0.00	0.00	0.00
15.25	0.00	0.00	0.00	0.00
15.50	0.00	0.00	0.00	0.00
15.75	0.00	0.00	0.00	0.00
16.00	0.00	0.00	0.00	0.00
16.25	0.00	0.00	0.00	0.00
16.50	0.00	0.00	0.00	0.00
16.75	0.00	0.00	0.00	0.00
17.00	0.00	0.00	0.00	0.00
17.25	0.00	0.00	0.00	0.00
17.50	0.00	0.00	0.00	0.00
17.75	0.00	0.00	0.00	0.00
18.00	0.00	0.00	0.00	0.00
18.25	0.00	0.00	0.00	0.00
18.50	0.00	0.00	0.00	0.00
18.75	0.00	0.00	0.00	0.00
19.00	0.00	0.00	0.00	0.00
19.25	0.00	0.00	0.00	0.00
19.50	0.00	0.00	0.00	0.00
19.75	0.00	0.00	0.00	0.00
20.00	0.00	0.00	0.00	0.00
20.25	0.00	0.00	0.00	0.00
20.50	0.00	0.00	0.00	0.00
20.75	0.00	0.00	0.00	0.00
21.00	0.00	0.00	0.00	0.00
21.25	0.00	0.00	0.00	0.00
21.50	0.00	0.00	0.00	0.00
21.75	0.00	0.00	0.00	0.00
22.00	0.00	0.00	0.00	0.00
22.25	0.00	0.00	0.00	0.00
22.50	0.00	0.00	0.00	0.00
22.75	0.00	0.00	0.00	0.00
23.00	0.00	0.00	0.00	0.00
23.25	0.00	0.00	0.00	0.00
23.50	0.00	0.00	0.00	0.00
23.75	0.00	0.00	0.00	0.00
24.00	0.00	0.00	0.00	0.00
24.25	0.00	0.00	0.00	0.00
24.50	0.00	0.00	0.00	0.00
24.75	0.00	0.00	0.00	0.00
25.00	0.00	0.00	0.00	0.00
25.25	0.00	0.00	0.00	0.00
25.50	0.00	0.00	0.00	0.00
25.75	0.00	0.00	0.00	0.00
26.00	0.00	0.00	0.00	0.00
26.25	0.00	0.00	0.00	0.00
26.50	0.00	0.00	0.00	0.00
26.75	0.00	0.00	0.00	0.00
27.00	0.00	0.00	0.00	0.00
27.25	0.00	0.00	0.00	0.00
27.50	0.00	0.00	0.00	0.00
27.75	0.00	0.00	0.00	0.00
28.00	0.00	0.00	0.00	0.00
28.25	0.00	0.00	0.00	0.00
28.50	0.00	0.00	0.00	0.00
28.75	0.00	0.00	0.00	0.00
29.00	0.00	0.00	0.00	0.00
29.25	0.00	0.00	0.00	0.00
29.50	0.00	0.00	0.00	0.00
29.75	0.00	0.00	0.00	0.00
30.00	0.00	0.00	0.00	0.00
30.25	0.00	0.00	0.00	0.00
30.50	0.00	0.00	0.00	0.00
30.75	0.00	0.00	0.00	0.00
31.00	0.00	0.00	0.00	0.00
31.25	0.00	0.00	0.00	0.00
31.50	0.00	0.00	0.00	0.00
31.75	0.00	0.00	0.00	0.00
32.00	0.00	0.00	0.00	0.00
32.25	0.00	0.00	0.00	0.00
32.50	0.00	0.00	0.00	0.00
32.75	0.00	0.00	0.00	0.00
33.00	0.00	0.00	0.00	0.00
33.25	0.00	0.00	0.00	0.00
33.50	0.00	0.00	0.00	0.00
33.75	0.00	0.00	0.00	0.00
34.00	0.00	0.00	0.00	0.00
34.25	0.00	0.00	0.00	0.00
34.50	0.00	0.00	0.00	0.00
34.75	0.00	0.00	0.00	0.00
35.00	0.00	0.00	0.00	0.00
35.25	0.00	0.00	0.00	0.00
35.50	0.00	0.00	0.00	0.00
35.75	0.00	0.00	0.00	0.00
36.00	0.00	0.00	0.00	0.00
36.25	0.00	0.00	0.00	0.00
36.50	0.00	0.00	0.00	0.00
36.75	0.00	0.00	0.00	0.00
37.00	0.00	0.00	0.00	0.00
37.25	0.00	0.00	0.00	0.00

37.50	0.00	0.00	0.00	0.00
37.75	0.00	0.00	0.00	0.00
38.00	0.00	0.00	0.00	0.00
38.25	0.00	0.00	0.00	0.00
38.50	0.00	0.00	0.00	0.00
38.75	0.00	0.00	0.00	0.00
39.00	0.00	0.00	0.00	0.00
39.25	0.00	0.00	0.00	0.00
39.50	0.00	0.00	0.00	0.00
39.75	0.00	0.00	0.00	0.00
40.00	0.00	0.00	0.00	0.00
40.25	0.00	0.00	0.00	0.00
40.50	0.00	0.00	0.00	0.00
40.75	0.00	0.00	0.00	0.00
41.00	0.00	0.00	0.00	0.00
41.25	0.00	0.00	0.00	0.00
41.50	0.00	0.00	0.00	0.00
41.75	0.00	0.00	0.00	0.00
42.00	0.00	0.00	0.00	0.00
42.25	0.00	0.00	0.00	0.00
42.50	0.00	0.00	0.00	0.00
42.75	0.00	0.00	0.00	0.00
43.00	0.00	0.00	0.00	0.00
43.25	0.00	0.00	0.00	0.00
43.50	0.00	0.00	0.00	0.00
43.75	0.00	0.00	0.00	0.00
44.00	0.00	0.00	0.00	0.00
44.25	0.00	0.00	0.00	0.00
44.50	0.00	0.00	0.00	0.00
44.75	0.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	0.00
45.25	0.00	0.00	0.00	0.00
45.50	0.00	0.00	0.00	0.00
45.75	0.00	0.00	0.00	0.00
46.00	0.00	0.00	0.00	0.00
46.25	0.00	0.00	0.00	0.00
46.50	0.00	0.00	0.00	0.00
46.75	0.00	0.00	0.00	0.00
47.00	0.00	0.00	0.00	0.00
47.25	0.00	0.00	0.00	0.00
47.50	0.00	0.00	0.00	0.00
47.75	0.00	0.00	0.00	0.00
48.00	0.00	0.00	0.00	0.00
48.25	0.00	0.00	0.00	0.00
48.50	0.00	0.00	0.00	0.00
48.75	0.00	0.00	0.00	0.00
49.00	0.00	0.00	0.00	0.00
49.25	0.00	0.00	0.00	0.00
49.50	0.00	0.00	0.00	0.00
49.75	0.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	0.00
50.25	0.00	0.00	0.00	0.00
50.50	0.00	0.00	0.00	0.00
50.75	0.00	0.00	0.00	0.00
51.00	0.00	0.00	0.00	0.00
51.25	0.00	0.00	0.00	0.00
51.50	0.00	0.00	0.00	0.00
51.75	0.00	0.00	0.00	0.00
52.00	0.00	0.00	0.00	0.00
52.25	0.00	0.00	0.00	0.00
52.50	0.00	0.00	0.00	0.00
52.75	0.00	0.00	0.00	0.00
53.00	0.00	0.00	0.00	0.00
53.25	0.00	0.00	0.00	0.00
53.50	0.00	0.00	0.00	0.00
53.75	0.00	0.00	0.00	0.00
54.00	0.00	0.00	0.00	0.00
54.25	0.00	0.00	0.00	0.00
54.50	0.00	0.00	0.00	0.00
54.75	0.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	0.00
55.25	0.00	0.00	0.00	0.00
55.50	0.00	0.00	0.00	0.00
55.75	0.00	0.00	0.00	0.00
56.00	0.00	0.00	0.00	0.00
56.25	0.00	0.00	0.00	0.00
56.50	0.00	0.00	0.00	0.00
56.75	0.00	0.00	0.00	0.00
57.00	0.00	0.00	0.00	0.00
57.25	0.00	0.00	0.00	0.00
57.50	0.00	0.00	0.00	0.00
57.75	0.00	0.00	0.00	0.00
58.00	0.00	0.00	0.00	0.00
58.25	0.00	0.00	0.00	0.00
58.50	0.00	0.00	0.00	0.00
58.75	0.00	0.00	0.00	0.00
59.00	0.00	0.00	0.00	0.00
59.25	0.00	0.00	0.00	0.00
59.50	0.00	0.00	0.00	0.00
59.75	0.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	0.00
60.25	0.00	0.00	0.00	0.00
60.50	0.00	0.00	0.00	0.00
60.75	0.00	0.00	0.00	0.00
61.00	0.00	0.00	0.00	0.00
61.25	0.00	0.00	0.00	0.00
61.50	0.00	0.00	0.00	0.00
61.75	0.00	0.00	0.00	0.00
62.00	0.00	0.00	0.00	0.00
62.25	0.00	0.00	0.00	0.00
62.50	0.00	0.00	0.00	0.00
62.75	0.00	0.00	0.00	0.00
63.00	0.00	0.00	0.00	0.00
63.25	0.00	0.00	0.00	0.00
63.50	0.00	0.00	0.00	0.00
63.75	0.00	0.00	0.00	0.00

64.00	0.00	0.00	0.00	0.00
64.25	0.00	0.00	0.00	0.00
64.50	0.00	0.00	0.00	0.00
64.75	0.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	0.00
65.25	0.00	0.00	0.00	0.00
65.50	0.00	0.00	0.00	0.00
65.75	0.00	0.00	0.00	0.00
66.00	0.00	0.00	0.00	0.00
66.25	0.00	0.00	0.00	0.00
66.50	0.00	0.00	0.00	0.00
66.75	0.00	0.00	0.00	0.00
67.00	0.00	0.00	0.00	0.00
67.25	0.00	0.00	0.00	0.00
67.50	0.00	0.00	0.00	0.00
67.75	0.00	0.00	0.00	0.00
68.00	0.00	0.00	0.00	0.00
68.25	0.00	0.00	0.00	0.00
68.50	0.00	0.00	0.00	0.00
68.75	0.00	0.00	0.00	0.00
69.00	0.00	0.00	0.00	0.00
69.25	0.00	0.00	0.00	0.00
69.50	0.00	0.00	0.00	0.00
69.75	0.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	0.00
70.25	0.00	0.00	0.00	0.00
70.50	0.00	0.00	0.00	0.00
70.75	0.00	0.00	0.00	0.00
71.00	0.00	0.00	0.00	0.00
71.25	0.00	0.00	0.00	0.00
71.50	0.00	0.00	0.00	0.00
71.75	0.00	0.00	0.00	0.00
72.00	0.00	0.00	0.00	0.00

THE MAXIMUM DISCHARGE FROM CROSS SECTION 5 IS: 85.08 CFS AT TIME: 24.84 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 42.28 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 5

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00
13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	0.00
13.75	0.00	0.00	0.00	0.00
14.00	0.00	0.00	0.00	0.00
14.25	0.00	0.00	0.00	0.00
14.50	0.00	0.00	0.00	0.00
14.75	0.00	0.00	0.00	0.00
15.00	0.00	0.00	0.00	0.00
15.25	0.00	0.00	0.00	0.00
15.50	0.00	0.00	0.00	0.00

15.75	0.00	0.00	0.00	0.00
16.00	0.00	0.00	0.00	0.00
16.25	0.00	0.00	0.00	0.00
16.50	0.00	0.00	0.00	0.00
16.75	0.00	0.00	0.00	0.00
17.00	0.00	0.00	0.00	0.00
17.25	0.00	0.00	0.00	0.00
17.50	0.00	0.00	0.00	0.00
17.75	0.00	0.00	0.00	0.00
18.00	0.00	0.00	0.00	0.00
18.25	0.00	0.00	0.00	0.00
18.50	0.00	0.00	0.00	0.00
18.75	0.00	0.00	0.00	0.00
19.00	0.00	0.00	0.00	0.00
19.25	0.00	0.00	0.00	0.00
19.50	0.00	0.00	0.00	0.00
19.75	0.00	0.00	0.00	0.00
20.00	0.00	0.00	0.00	0.00
20.25	0.00	0.00	0.00	0.00
20.50	0.00	0.00	0.00	0.00
20.75	0.00	0.00	0.00	0.00
21.00	0.00	0.00	0.00	0.00
21.25	0.00	0.00	0.00	0.00
21.50	0.00	0.00	0.00	0.00
21.75	0.00	0.00	0.00	0.00
22.00	0.00	0.00	0.00	0.00
22.25	0.00	0.00	0.00	0.00
22.50	0.00	0.00	0.00	0.00
22.75	0.00	0.00	0.00	0.00
23.00	0.00	0.00	0.00	0.00
23.25	0.00	0.00	0.00	0.00
23.50	0.00	0.00	0.00	0.00
23.75	0.00	0.00	0.00	0.00
24.00	0.00	0.00	0.00	0.00
24.25	225.00	0.05	5.45	58.16
24.50	300.00	0.05	5.35	82.48
24.75	450.00	0.06	3.19	82.46
25.00	450.00	0.06	3.08	81.97
25.25	450.00	0.06	3.09	78.86
25.50	375.00	0.05	3.67	75.03
25.75	450.00	0.06	2.77	70.86
26.00	525.00	0.06	2.25	67.05
26.25	450.00	0.05	2.74	64.99
26.50	450.00	0.05	2.54	61.35
26.75	450.00	0.05	2.63	60.48
27.00	525.00	0.05	2.04	56.91
27.25	375.00	0.05	3.27	56.29
27.50	300.00	0.04	4.18	54.25
27.75	300.00	0.04	4.09	51.53
28.00	375.00	0.04	2.97	49.16
28.25	450.00	0.04	2.34	47.34
28.50	375.00	0.04	2.86	45.29
28.75	375.00	0.04	2.80	43.24
29.00	375.00	0.04	2.75	41.61
29.25	450.00	0.04	2.02	38.70
29.50	300.00	0.04	3.50	37.02
29.75	375.00	0.04	2.52	35.40
30.00	300.00	0.03	3.38	33.61
30.25	375.00	0.04	2.35	31.45
30.50	300.00	0.03	3.33	31.35
30.75	300.00	0.03	3.28	30.24
31.00	225.00	0.03	4.58	27.73
31.25	375.00	0.03	2.10	25.58
31.50	375.00	0.03	2.14	25.20
31.75	225.00	0.02	4.37	23.97
32.00	375.00	0.03	2.17	24.52
32.25	225.00	0.02	4.28	22.37
32.50	300.00	0.03	2.78	21.82
32.75	225.00	0.02	3.86	19.61
33.00	300.00	0.02	2.60	19.51
33.25	300.00	0.02	2.42	17.78
33.50	375.00	0.03	1.75	17.88
33.75	375.00	0.03	1.54	16.50
34.00	300.00	0.03	2.19	16.49
34.25	225.00	0.02	3.29	15.75
34.50	225.00	0.02	2.89	13.60
34.75	300.00	0.02	1.86	13.21
35.00	225.00	0.02	2.75	12.59
35.25	300.00	0.02	2.09	14.57
35.50	300.00	0.02	1.96	13.44
35.75	225.00	0.02	2.67	11.52
36.00	225.00	0.02	3.23	13.51
36.25	300.00	0.02	1.99	12.74
36.50	225.00	0.02	2.64	10.60
36.75	225.00	0.02	2.57	10.11
37.00	225.00	0.02	2.59	9.96
37.25	225.00	0.02	2.46	9.34
37.50	225.00	0.02	2.55	9.62
37.75	225.00	0.02	2.54	9.52
38.00	225.00	0.02	2.44	9.06
38.25	225.00	0.02	2.24	8.26
38.50	225.00	0.02	2.53	9.34
38.75	225.00	0.02	2.02	7.40
39.00	225.00	0.02	1.89	7.16
39.25	375.00	0.02	0.83	7.19
39.50	225.00	0.02	1.86	7.01
39.75	225.00	0.02	1.84	6.77
40.00	225.00	0.02	1.81	6.53
40.25	225.00	0.02	1.81	6.50
40.50	225.00	0.02	1.53	5.34
40.75	225.00	0.01	1.50	4.94
41.00	225.00	0.01	1.47	4.63
41.25	225.00	0.01	1.42	4.34
41.50	150.00	0.01	2.77	4.05
41.75	225.00	0.01	1.37	3.82
42.00	225.00	0.01	1.35	3.65

42.25	225.00	0.01	0.96	2.50
42.50	300.00	0.01	0.98	4.23
42.75	225.00	0.01	0.84	1.91
43.00	150.00	0.01	2.67	2.61
43.25	150.00	0.01	1.73	1.63
43.50	150.00	0.01	1.61	1.56
43.75	150.00	0.01	0.64	0.62
44.00	75.00	0.00	6.13	1.49
44.25	150.00	0.01	1.53	1.44
44.50	0.00	0.00	0.00	2.44
44.75	75.00	0.00	3.78	0.89
45.00	150.00	0.00	0.00	0.00
45.25	150.00	0.01	2.45	2.37
45.50	150.00	0.01	0.88	0.83
45.75	225.00	0.00	0.00	0.00
46.00	0.00	0.00	0.00	0.00
46.25	225.00	0.00	0.00	0.00
46.50	75.00	0.00	5.95	1.44
46.75	150.00	0.00	0.00	0.00
47.00	75.00	0.00	5.94	1.44
47.25	150.00	0.00	0.00	0.00
47.50	150.00	0.00	0.00	0.00
47.75	0.00	0.00	0.00	1.42
48.00	150.00	0.00	0.00	0.00
48.25	0.00	0.00	0.00	0.61
48.50	0.00	0.00	0.00	0.00
48.75	0.00	0.00	0.00	0.87
49.00	150.00	0.00	0.00	0.00
49.25	0.00	0.00	0.00	1.44
49.50	225.00	0.00	0.00	0.00
49.75	0.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	0.00
50.25	0.00	0.00	0.00	0.00
50.50	0.00	0.00	0.00	0.00
50.75	0.00	0.00	0.00	0.00
51.00	0.00	0.00	0.00	0.00
51.25	0.00	0.00	0.00	0.00
51.50	0.00	0.00	0.00	0.00
51.75	0.00	0.00	0.00	0.00
52.00	0.00	0.00	0.00	0.00
52.25	0.00	0.00	0.00	0.00
52.50	0.00	0.00	0.00	0.00
52.75	0.00	0.00	0.00	0.00
53.00	0.00	0.00	0.00	0.00
53.25	0.00	0.00	0.00	0.00
53.50	0.00	0.00	0.00	0.00
53.75	0.00	0.00	0.00	0.00
54.00	0.00	0.00	0.00	0.00
54.25	0.00	0.00	0.00	0.00
54.50	0.00	0.00	0.00	0.00
54.75	0.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	0.00
55.25	0.00	0.00	0.00	0.00
55.50	0.00	0.00	0.00	0.00
55.75	0.00	0.00	0.00	0.00
56.00	0.00	0.00	0.00	0.00
56.25	0.00	0.00	0.00	0.00
56.50	0.00	0.00	0.00	0.00
56.75	0.00	0.00	0.00	0.00
57.00	0.00	0.00	0.00	0.00
57.25	0.00	0.00	0.00	0.00
57.50	0.00	0.00	0.00	0.00
57.75	0.00	0.00	0.00	0.00
58.00	0.00	0.00	0.00	0.00
58.25	0.00	0.00	0.00	0.00
58.50	0.00	0.00	0.00	0.00
58.75	0.00	0.00	0.00	0.00
59.00	0.00	0.00	0.00	0.00
59.25	0.00	0.00	0.00	0.00
59.50	0.00	0.00	0.00	0.00
59.75	0.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	0.00
60.25	0.00	0.00	0.00	0.00
60.50	0.00	0.00	0.00	0.00
60.75	0.00	0.00	0.00	0.00
61.00	0.00	0.00	0.00	0.00
61.25	0.00	0.00	0.00	0.00
61.50	0.00	0.00	0.00	0.00
61.75	0.00	0.00	0.00	0.00
62.00	0.00	0.00	0.00	0.00
62.25	0.00	0.00	0.00	0.00
62.50	0.00	0.00	0.00	0.00
62.75	0.00	0.00	0.00	0.00
63.00	0.00	0.00	0.00	0.00
63.25	0.00	0.00	0.00	0.00
63.50	0.00	0.00	0.00	0.00
63.75	0.00	0.00	0.00	0.00
64.00	0.00	0.00	0.00	0.00
64.25	0.00	0.00	0.00	0.00
64.50	0.00	0.00	0.00	0.00
64.75	0.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	0.00
65.25	0.00	0.00	0.00	0.00
65.50	0.00	0.00	0.00	0.00
65.75	0.00	0.00	0.00	0.00
66.00	0.00	0.00	0.00	0.00
66.25	0.00	0.00	0.00	0.00
66.50	0.00	0.00	0.00	0.00
66.75	0.00	0.00	0.00	0.00
67.00	0.00	0.00	0.00	0.00
67.25	0.00	0.00	0.00	0.00
67.50	0.00	0.00	0.00	0.00
67.75	0.00	0.00	0.00	0.00
68.00	0.00	0.00	0.00	0.00
68.25	0.00	0.00	0.00	0.00
68.50	0.00	0.00	0.00	0.00

68.75	0.00	0.00	0.00	0.00
69.00	0.00	0.00	0.00	0.00
69.25	0.00	0.00	0.00	0.00
69.50	0.00	0.00	0.00	0.00
69.75	0.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	0.00
70.25	0.00	0.00	0.00	0.00
70.50	0.00	0.00	0.00	0.00
70.75	0.00	0.00	0.00	0.00
71.00	0.00	0.00	0.00	0.00
71.25	0.00	0.00	0.00	0.00
71.50	0.00	0.00	0.00	0.00
71.75	0.00	0.00	0.00	0.00
72.00	0.00	0.00	0.00	0.00

THE MAXIMUM DISCHARGE FROM CROSS SECTION 6 IS: 3940.09 CFS AT TIME: 16.16 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 2166.30 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 6

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	375.00	0.02	4.04	33.99
11.00	750.00	0.04	2.01	54.56
11.25	1050.00	0.05	1.36	68.01
11.50	1350.00	0.07	1.18	111.13
11.75	1875.00	0.13	1.10	264.10
12.00	2325.00	0.20	1.08	505.96
12.25	2475.00	0.24	1.12	674.31
12.50	2625.00	0.26	1.22	826.88
12.75	2625.00	0.31	1.35	1106.06
13.00	2550.00	0.36	1.52	1395.78
13.25	2550.00	0.39	1.63	1624.71
13.50	2550.00	0.42	1.73	1858.35
13.75	2625.00	0.45	1.80	2141.32
14.00	2700.00	0.48	1.88	2427.30
14.25	2625.00	0.50	1.99	2629.46
14.50	2775.00	0.50	1.99	2792.08
14.75	2700.00	0.53	2.07	2966.63
15.00	2625.00	0.56	2.16	3152.44
15.25	2625.00	0.58	2.23	3370.60
15.50	2775.00	0.59	2.20	3602.07
15.75	2700.00	0.61	2.30	3799.90
16.00	2700.00	0.62	2.33	3910.37
16.25	2700.00	0.62	2.34	3933.20
16.50	2700.00	0.61	2.32	3846.14
16.75	2700.00	0.60	2.26	3641.17
17.00	2700.00	0.57	2.19	3382.51
17.25	2625.00	0.55	2.17	3112.75
17.50	2625.00	0.52	2.09	2848.44
17.75	2775.00	0.49	1.93	2599.14
18.00	2625.00	0.47	1.93	2406.53
18.25	2700.00	0.46	1.81	2235.74
18.50	2700.00	0.44	1.75	2063.64
18.75	2625.00	0.42	1.74	1903.64
19.00	2625.00	0.40	1.68	1747.99
19.25	2625.00	0.38	1.62	1612.11
19.50	2550.00	0.36	1.62	1488.14
19.75	2550.00	0.35	1.57	1383.28
20.00	2550.00	0.33	1.51	1285.33
20.25	2550.00	0.32	1.47	1200.14

20.50	2550.00	0.31	1.43	1121.34
20.75	2475.00	0.30	1.42	1051.15
21.00	2700.00	0.28	1.31	987.68
21.25	2550.00	0.28	1.32	933.71
21.50	2475.00	0.27	1.32	883.31
21.75	2550.00	0.26	1.26	837.37
22.00	2475.00	0.25	1.27	800.27
22.25	2550.00	0.24	1.24	767.22
22.50	2550.00	0.24	1.19	737.36
22.75	2475.00	0.24	1.21	711.89
23.00	2475.00	0.23	1.19	685.90
23.25	2475.00	0.23	1.18	673.22
23.50	2550.00	0.23	1.15	675.01
23.75	2550.00	0.23	1.14	677.80
24.00	2475.00	0.23	1.17	681.25
24.25	2475.00	0.24	1.18	688.49
24.50	2475.00	0.24	1.19	693.97
24.75	2475.00	0.23	1.18	681.13
25.00	2475.00	0.23	1.17	649.11
25.25	2475.00	0.22	1.14	609.91
25.50	2550.00	0.21	1.08	570.25
25.75	2475.00	0.20	1.08	534.70
26.00	2475.00	0.19	1.05	502.57
26.25	2475.00	0.19	1.02	470.21
26.50	2475.00	0.18	0.99	436.32
26.75	2475.00	0.17	0.96	408.73
27.00	2475.00	0.17	0.93	383.80
27.25	2475.00	0.16	0.91	361.92
27.50	2475.00	0.15	0.89	341.77
27.75	2475.00	0.15	0.86	318.79
28.00	2475.00	0.14	0.85	301.65
28.25	2475.00	0.14	0.82	283.64
28.50	2475.00	0.14	0.80	266.73
28.75	2475.00	0.13	0.78	250.32
29.00	2400.00	0.12	0.79	236.29
29.25	2400.00	0.12	0.77	223.14
29.50	2400.00	0.12	0.74	208.16
29.75	2400.00	0.11	0.73	198.00
30.00	2175.00	0.11	0.81	186.00
30.25	2250.00	0.10	0.76	176.90
30.50	2400.00	0.10	0.68	167.13
30.75	2325.00	0.10	0.68	154.88
31.00	2325.00	0.10	0.66	147.02
31.25	2175.00	0.09	0.71	138.57
31.50	2325.00	0.09	0.62	128.65
31.75	2100.00	0.08	0.69	120.48
32.00	2175.00	0.08	0.63	110.74
32.25	2100.00	0.08	0.65	104.32
32.50	2175.00	0.08	0.57	92.82
32.75	2100.00	0.07	0.59	88.17
33.00	2025.00	0.07	0.60	83.47
33.25	1950.00	0.07	0.62	79.48
33.50	1950.00	0.06	0.60	72.99
33.75	2025.00	0.06	0.53	65.49
34.00	2100.00	0.06	0.48	61.70
34.25	1800.00	0.05	0.59	57.55
34.50	2100.00	0.06	0.43	52.18
34.75	1575.00	0.05	0.68	51.62
35.00	1800.00	0.05	0.53	47.90
35.25	1800.00	0.05	0.52	46.62
35.50	1875.00	0.05	0.47	43.09
35.75	1650.00	0.04	0.52	38.25
36.00	1650.00	0.04	0.51	36.74
36.25	1575.00	0.04	0.52	33.90
36.50	1575.00	0.04	0.50	31.62
36.75	1425.00	0.04	0.54	28.31
37.00	1350.00	0.04	0.58	27.26
37.25	1050.00	0.03	0.86	26.78
37.50	1425.00	0.03	0.51	24.96
37.75	1200.00	0.03	0.64	23.40
38.00	1425.00	0.03	0.45	21.43
38.25	1275.00	0.03	0.50	19.56
38.50	1350.00	0.03	0.44	18.39
38.75	1425.00	0.03	0.40	17.80
39.00	1350.00	0.03	0.47	18.78
39.25	1200.00	0.03	0.43	14.10
39.50	1200.00	0.03	0.45	14.28
39.75	1350.00	0.03	0.41	15.49
40.00	1125.00	0.02	0.47	12.62
40.25	975.00	0.02	0.56	11.68
40.50	900.00	0.02	0.56	10.12
40.75	825.00	0.02	0.81	12.42
41.00	900.00	0.02	0.62	10.93
41.25	1050.00	0.02	0.43	9.81
41.50	675.00	0.02	0.80	8.19
41.75	900.00	0.02	0.49	8.27
42.00	825.00	0.02	0.58	8.27
42.25	900.00	0.02	0.36	5.88
42.50	600.00	0.01	0.83	6.74
42.75	675.00	0.01	0.64	6.33
43.00	600.00	0.01	1.01	8.01
43.25	900.00	0.02	0.52	8.41
43.50	825.00	0.02	0.46	6.39
43.75	750.00	0.02	0.47	5.37
44.00	825.00	0.02	0.48	6.47
44.25	600.00	0.01	0.79	5.92
44.50	750.00	0.01	0.39	4.27
44.75	675.00	0.01	0.58	5.13
45.00	675.00	0.01	0.84	7.43
45.25	525.00	0.01	0.82	4.36
45.50	750.00	0.01	0.30	3.13
45.75	600.00	0.01	0.51	3.39
46.00	600.00	0.01	0.53	3.40
46.25	525.00	0.01	0.87	4.37
46.50	300.00	0.01	2.94	5.04
46.75	525.00	0.01	0.74	3.58

47.00	525.00	0.01	0.84	4.00
47.25	600.00	0.01	1.01	6.17
47.50	375.00	0.01	1.13	2.74
47.75	300.00	0.01	2.97	4.62
48.00	450.00	0.01	0.90	3.07
48.25	150.00	0.00	3.23	1.25
48.50	375.00	0.01	1.10	2.54
48.75	225.00	0.00	2.81	2.32
49.00	300.00	0.00	0.63	0.92
49.25	75.00	0.00	20.91	1.92
49.50	225.00	0.00	3.60	2.96
49.75	225.00	0.00	0.29	0.24
50.00	150.00	0.00	1.15	0.42
50.25	75.00	0.00	0.00	0.00
50.50	0.00	0.00	0.00	0.00
50.75	75.00	0.00	0.00	0.00
51.00	0.00	0.00	0.00	0.00
51.25	0.00	0.00	0.00	0.00
51.50	0.00	0.00	0.00	0.00
51.75	75.00	0.00	0.00	0.00
52.00	150.00	0.00	0.43	0.22
52.25	0.00	0.00	0.00	0.00
52.50	0.00	0.00	0.00	0.00
52.75	0.00	0.00	0.00	0.00
53.00	0.00	0.00	0.00	0.00
53.25	0.00	0.00	0.00	0.00
53.50	0.00	0.00	0.00	0.00
53.75	0.00	0.00	0.00	0.00
54.00	0.00	0.00	0.00	0.00
54.25	0.00	0.00	0.00	0.00
54.50	0.00	0.00	0.00	0.00
54.75	0.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	0.00
55.25	0.00	0.00	0.00	0.00
55.50	0.00	0.00	0.00	0.00
55.75	0.00	0.00	0.00	0.00
56.00	0.00	0.00	0.00	0.00
56.25	0.00	0.00	0.00	0.00
56.50	0.00	0.00	0.00	0.00
56.75	0.00	0.00	0.00	0.00
57.00	0.00	0.00	0.00	0.00
57.25	0.00	0.00	0.00	0.00
57.50	0.00	0.00	0.00	0.00
57.75	0.00	0.00	0.00	0.00
58.00	0.00	0.00	0.00	0.00
58.25	0.00	0.00	0.00	0.00
58.50	0.00	0.00	0.00	0.00
58.75	0.00	0.00	0.00	0.00
59.00	0.00	0.00	0.00	0.00
59.25	0.00	0.00	0.00	0.00
59.50	0.00	0.00	0.00	0.00
59.75	0.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	0.00
60.25	0.00	0.00	0.00	0.00
60.50	0.00	0.00	0.00	0.00
60.75	0.00	0.00	0.00	0.00
61.00	0.00	0.00	0.00	0.00
61.25	0.00	0.00	0.00	0.00
61.50	0.00	0.00	0.00	0.00
61.75	0.00	0.00	0.00	0.00
62.00	0.00	0.00	0.00	0.00
62.25	0.00	0.00	0.00	0.00
62.50	0.00	0.00	0.00	0.00
62.75	0.00	0.00	0.00	0.00
63.00	0.00	0.00	0.00	0.00
63.25	0.00	0.00	0.00	0.00
63.50	0.00	0.00	0.00	0.00
63.75	0.00	0.00	0.00	0.00
64.00	0.00	0.00	0.00	0.00
64.25	0.00	0.00	0.00	0.00
64.50	0.00	0.00	0.00	0.00
64.75	0.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	0.00
65.25	0.00	0.00	0.00	0.00
65.50	0.00	0.00	0.00	0.00
65.75	0.00	0.00	0.00	0.00
66.00	0.00	0.00	0.00	0.00
66.25	0.00	0.00	0.00	0.00
66.50	0.00	0.00	0.00	0.00
66.75	0.00	0.00	0.00	0.00
67.00	0.00	0.00	0.00	0.00
67.25	0.00	0.00	0.00	0.00
67.50	0.00	0.00	0.00	0.00
67.75	0.00	0.00	0.00	0.00
68.00	0.00	0.00	0.00	0.00
68.25	0.00	0.00	0.00	0.00
68.50	0.00	0.00	0.00	0.00
68.75	0.00	0.00	0.00	0.00
69.00	0.00	0.00	0.00	0.00
69.25	0.00	0.00	0.00	0.00
69.50	0.00	0.00	0.00	0.00
69.75	0.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	0.00
70.25	0.00	0.00	0.00	0.00
70.50	0.00	0.00	0.00	0.00
70.75	0.00	0.00	0.00	0.00
71.00	0.00	0.00	0.00	0.00
71.25	0.00	0.00	0.00	0.00
71.50	0.00	0.00	0.00	0.00
71.75	0.00	0.00	0.00	0.00
72.00	0.00	0.00	0.00	0.00

THE MAXIMUM DISCHARGE FROM CROSS SECTION 7 IS: 37.53 CFS AT TIME: 15.53 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 10.42 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 7

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00
11.00	150.00	0.01	0.17	0.35
11.25	150.00	0.01	0.30	0.66
11.50	225.00	0.02	0.18	0.94
11.75	225.00	0.02	0.55	2.93
12.00	300.00	0.03	0.23	2.15
12.25	225.00	0.03	0.13	0.78
12.50	375.00	0.06	0.27	5.61
12.75	450.00	0.06	0.42	11.03
13.00	525.00	0.07	0.37	13.55
13.25	525.00	0.07	0.40	15.11
13.50	525.00	0.07	0.38	14.68
13.75	525.00	0.07	0.49	19.06
14.00	600.00	0.08	0.38	18.92
14.25	525.00	0.08	0.50	20.45
14.50	525.00	0.08	0.52	22.37
14.75	450.00	0.08	0.80	27.70
15.00	525.00	0.09	0.67	30.39
15.25	600.00	0.09	0.54	30.97
15.50	600.00	0.09	0.51	27.56
15.75	450.00	0.08	0.80	27.23
16.00	450.00	0.07	0.78	25.77
16.25	375.00	0.07	1.03	26.78
16.50	525.00	0.07	0.58	21.94
16.75	450.00	0.07	0.62	19.01
17.00	375.00	0.06	0.74	15.52
17.25	300.00	0.08	0.55	14.06
17.50	300.00	0.08	0.46	11.23
17.75	300.00	0.08	0.45	10.33
18.00	300.00	0.07	0.38	8.36
18.25	150.00	0.05	0.84	6.50
18.50	300.00	0.07	0.20	4.21
18.75	225.00	0.06	0.33	4.11
19.00	150.00	0.04	0.86	5.17
19.25	150.00	0.04	0.50	2.68
19.50	225.00	0.04	0.33	3.15
19.75	225.00	0.04	0.25	2.29
20.00	300.00	0.03	0.24	2.04
20.25	150.00	0.03	0.52	2.06
20.50	150.00	0.03	0.59	2.61
20.75	225.00	0.04	0.12	0.98
21.00	75.00	0.01	1.53	1.65
21.25	75.00	0.01	0.72	0.77
21.50	75.00	0.00	0.00	0.00
21.75	0.00	0.00	0.00	0.00
22.00	75.00	0.00	0.00	0.00
22.25	375.00	0.03	0.19	2.34
22.50	150.00	0.03	0.19	0.81
22.75	0.00	0.00	0.00	1.69
23.00	0.00	0.00	0.00	0.00
23.25	225.00	0.00	0.00	0.00
23.50	0.00	0.00	0.00	0.84
23.75	0.00	0.00	0.00	0.98
24.00	150.00	0.00	0.00	0.00
24.25	0.00	0.00	0.00	0.00
24.50	0.00	0.00	0.00	0.00
24.75	0.00	0.00	0.00	0.00
25.00	75.00	0.02	1.30	1.62

25.25	0.00	0.00	0.00	0.00
25.50	0.00	0.00	0.00	0.00
25.75	0.00	0.00	0.00	0.00
26.00	0.00	0.00	0.00	0.00
26.25	0.00	0.00	0.00	0.00
26.50	0.00	0.00	0.00	0.00
26.75	0.00	0.00	0.00	0.00
27.00	0.00	0.00	0.00	0.00
27.25	0.00	0.00	0.00	0.00
27.50	0.00	0.00	0.00	0.00
27.75	0.00	0.00	0.00	0.00
28.00	0.00	0.00	0.00	0.00
28.25	0.00	0.00	0.00	0.00
28.50	0.00	0.00	0.00	0.00
28.75	0.00	0.00	0.00	0.00
29.00	0.00	0.00	0.00	0.00
29.25	0.00	0.00	0.00	0.00
29.50	0.00	0.00	0.00	0.00
29.75	0.00	0.00	0.00	0.00
30.00	0.00	0.00	0.00	0.00
30.25	0.00	0.00	0.00	0.00
30.50	0.00	0.00	0.00	0.00
30.75	0.00	0.00	0.00	0.00
31.00	0.00	0.00	0.00	0.00
31.25	0.00	0.00	0.00	0.00
31.50	0.00	0.00	0.00	0.00
31.75	0.00	0.00	0.00	0.00
32.00	0.00	0.00	0.00	0.00
32.25	0.00	0.00	0.00	0.00
32.50	0.00	0.00	0.00	0.00
32.75	0.00	0.00	0.00	0.00
33.00	0.00	0.00	0.00	0.00
33.25	0.00	0.00	0.00	0.00
33.50	0.00	0.00	0.00	0.00
33.75	0.00	0.00	0.00	0.00
34.00	0.00	0.00	0.00	0.00
34.25	0.00	0.00	0.00	0.00
34.50	0.00	0.00	0.00	0.00
34.75	0.00	0.00	0.00	0.00
35.00	0.00	0.00	0.00	0.00
35.25	0.00	0.00	0.00	0.00
35.50	0.00	0.00	0.00	0.00
35.75	0.00	0.00	0.00	0.00
36.00	0.00	0.00	0.00	0.00
36.25	0.00	0.00	0.00	0.00
36.50	0.00	0.00	0.00	0.00
36.75	0.00	0.00	0.00	0.00
37.00	0.00	0.00	0.00	0.00
37.25	0.00	0.00	0.00	0.00
37.50	0.00	0.00	0.00	0.00
37.75	0.00	0.00	0.00	0.00
38.00	0.00	0.00	0.00	0.00
38.25	0.00	0.00	0.00	0.00
38.50	0.00	0.00	0.00	0.00
38.75	0.00	0.00	0.00	0.00
39.00	0.00	0.00	0.00	0.00
39.25	0.00	0.00	0.00	0.00
39.50	0.00	0.00	0.00	0.00
39.75	0.00	0.00	0.00	0.00
40.00	0.00	0.00	0.00	0.00
40.25	0.00	0.00	0.00	0.00
40.50	0.00	0.00	0.00	0.00
40.75	0.00	0.00	0.00	0.00
41.00	0.00	0.00	0.00	0.00
41.25	0.00	0.00	0.00	0.00
41.50	0.00	0.00	0.00	0.00
41.75	0.00	0.00	0.00	0.00
42.00	0.00	0.00	0.00	0.00
42.25	0.00	0.00	0.00	0.00
42.50	0.00	0.00	0.00	0.00
42.75	0.00	0.00	0.00	0.00
43.00	0.00	0.00	0.00	0.00
43.25	0.00	0.00	0.00	0.00
43.50	0.00	0.00	0.00	0.00
43.75	0.00	0.00	0.00	0.00
44.00	0.00	0.00	0.00	0.00
44.25	0.00	0.00	0.00	0.00
44.50	0.00	0.00	0.00	0.00
44.75	0.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	0.00
45.25	0.00	0.00	0.00	0.00
45.50	0.00	0.00	0.00	0.00
45.75	0.00	0.00	0.00	0.00
46.00	0.00	0.00	0.00	0.00
46.25	0.00	0.00	0.00	0.00
46.50	0.00	0.00	0.00	0.00
46.75	0.00	0.00	0.00	0.00
47.00	0.00	0.00	0.00	0.00
47.25	0.00	0.00	0.00	0.00
47.50	0.00	0.00	0.00	0.00
47.75	0.00	0.00	0.00	0.00
48.00	0.00	0.00	0.00	0.00
48.25	0.00	0.00	0.00	0.00
48.50	0.00	0.00	0.00	0.00
48.75	0.00	0.00	0.00	0.00
49.00	0.00	0.00	0.00	0.00
49.25	0.00	0.00	0.00	0.00
49.50	0.00	0.00	0.00	0.00
49.75	0.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	0.00
50.25	0.00	0.00	0.00	0.00
50.50	0.00	0.00	0.00	0.00
50.75	0.00	0.00	0.00	0.00
51.00	0.00	0.00	0.00	0.00
51.25	0.00	0.00	0.00	0.00
51.50	0.00	0.00	0.00	0.00

51.75	0.00	0.00	0.00	0.00
52.00	0.00	0.00	0.00	0.00
52.25	0.00	0.00	0.00	0.00
52.50	0.00	0.00	0.00	0.00
52.75	0.00	0.00	0.00	0.00
53.00	0.00	0.00	0.00	0.00
53.25	0.00	0.00	0.00	0.00
53.50	0.00	0.00	0.00	0.00
53.75	0.00	0.00	0.00	0.00
54.00	0.00	0.00	0.00	0.00
54.25	0.00	0.00	0.00	0.00
54.50	0.00	0.00	0.00	0.00
54.75	0.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	0.00
55.25	0.00	0.00	0.00	0.00
55.50	0.00	0.00	0.00	0.00
55.75	0.00	0.00	0.00	0.00
56.00	0.00	0.00	0.00	0.00
56.25	0.00	0.00	0.00	0.00
56.50	0.00	0.00	0.00	0.00
56.75	0.00	0.00	0.00	0.00
57.00	0.00	0.00	0.00	0.00
57.25	0.00	0.00	0.00	0.00
57.50	0.00	0.00	0.00	0.00
57.75	0.00	0.00	0.00	0.00
58.00	0.00	0.00	0.00	0.00
58.25	0.00	0.00	0.00	0.00
58.50	0.00	0.00	0.00	0.00
58.75	0.00	0.00	0.00	0.00
59.00	0.00	0.00	0.00	0.00
59.25	0.00	0.00	0.00	0.00
59.50	0.00	0.00	0.00	0.00
59.75	0.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	0.00
60.25	0.00	0.00	0.00	0.00
60.50	0.00	0.00	0.00	0.00
60.75	0.00	0.00	0.00	0.00
61.00	0.00	0.00	0.00	0.00
61.25	0.00	0.00	0.00	0.00
61.50	0.00	0.00	0.00	0.00
61.75	0.00	0.00	0.00	0.00
62.00	0.00	0.00	0.00	0.00
62.25	0.00	0.00	0.00	0.00
62.50	0.00	0.00	0.00	0.00
62.75	0.00	0.00	0.00	0.00
63.00	0.00	0.00	0.00	0.00
63.25	0.00	0.00	0.00	0.00
63.50	0.00	0.00	0.00	0.00
63.75	0.00	0.00	0.00	0.00
64.00	0.00	0.00	0.00	0.00
64.25	0.00	0.00	0.00	0.00
64.50	0.00	0.00	0.00	0.00
64.75	0.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	0.00
65.25	0.00	0.00	0.00	0.00
65.50	0.00	0.00	0.00	0.00
65.75	0.00	0.00	0.00	0.00
66.00	0.00	0.00	0.00	0.00
66.25	0.00	0.00	0.00	0.00
66.50	0.00	0.00	0.00	0.00
66.75	0.00	0.00	0.00	0.00
67.00	0.00	0.00	0.00	0.00
67.25	0.00	0.00	0.00	0.00
67.50	0.00	0.00	0.00	0.00
67.75	0.00	0.00	0.00	0.00
68.00	0.00	0.00	0.00	0.00
68.25	0.00	0.00	0.00	0.00
68.50	0.00	0.00	0.00	0.00
68.75	0.00	0.00	0.00	0.00
69.00	0.00	0.00	0.00	0.00
69.25	0.00	0.00	0.00	0.00
69.50	0.00	0.00	0.00	0.00
69.75	0.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	0.00
70.25	0.00	0.00	0.00	0.00
70.50	0.00	0.00	0.00	0.00
70.75	0.00	0.00	0.00	0.00
71.00	0.00	0.00	0.00	0.00
71.25	0.00	0.00	0.00	0.00
71.50	0.00	0.00	0.00	0.00
71.75	0.00	0.00	0.00	0.00
72.00	0.00	0.00	0.00	0.00

THE MAXIMUM DISCHARGE FROM CROSS SECTION 8 IS: 526.93 CFS AT TIME: 17.17 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 247.57 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 8

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00

3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00
13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	0.00
13.75	0.00	0.00	0.00	0.00
14.00	0.00	0.00	0.00	0.00
14.25	0.00	0.00	0.00	0.00
14.50	0.00	0.00	0.00	0.00
14.75	0.00	0.00	0.00	0.00
15.00	600.00	0.15	2.60	227.40
15.25	900.00	0.19	1.94	329.65
15.50	900.00	0.20	2.01	357.29
15.75	900.00	0.21	2.12	400.38
16.00	900.00	0.22	2.18	427.59
16.25	900.00	0.23	2.25	458.83
16.50	975.00	0.24	2.09	486.17
16.75	900.00	0.24	2.35	507.57
17.00	900.00	0.24	2.38	522.23
17.25	900.00	0.24	2.38	524.02
17.50	900.00	0.24	2.35	509.15
17.75	900.00	0.23	2.31	486.64
18.00	900.00	0.23	2.24	454.76
18.25	900.00	0.22	2.15	415.81
18.50	900.00	0.20	2.07	380.43
18.75	900.00	0.20	1.99	351.04
19.00	900.00	0.19	1.94	331.27
19.25	975.00	0.19	1.69	309.10
19.50	900.00	0.18	1.81	288.32
19.75	825.00	0.17	1.95	268.36
20.00	900.00	0.17	1.69	250.69
20.25	825.00	0.15	1.81	230.06
20.50	825.00	0.15	1.73	212.04
20.75	825.00	0.14	1.65	194.81
21.00	900.00	0.14	1.43	181.30
21.25	825.00	0.13	1.54	167.87
21.50	900.00	0.13	1.32	155.57
21.75	825.00	0.12	1.42	144.76
22.00	825.00	0.12	1.39	136.72
22.25	825.00	0.11	1.35	127.90
22.50	900.00	0.12	1.14	119.27
22.75	825.00	0.11	1.25	112.60
23.00	825.00	0.11	1.19	103.66
23.25	900.00	0.11	1.01	97.05
23.50	900.00	0.10	0.97	91.12
23.75	825.00	0.10	0.99	80.10
24.00	825.00	0.10	1.00	79.42
24.25	825.00	0.09	0.91	70.65
24.50	825.00	0.09	0.91	67.96
24.75	825.00	0.09	0.89	65.47
25.00	825.00	0.09	0.89	63.94
25.25	750.00	0.08	0.97	58.72
25.50	825.00	0.08	0.81	55.53
25.75	825.00	0.08	0.80	53.63
26.00	825.00	0.08	0.75	49.09
26.25	750.00	0.07	0.87	48.90
26.50	825.00	0.08	0.75	49.57
26.75	750.00	0.08	1.00	60.46
27.00	825.00	0.09	0.87	62.89
27.25	750.00	0.08	1.00	63.38
27.50	825.00	0.09	0.84	60.55
27.75	900.00	0.09	0.71	56.24
28.00	900.00	0.09	0.67	51.75
28.25	750.00	0.07	0.83	46.52
28.50	825.00	0.08	0.70	44.22
28.75	750.00	0.07	0.73	38.94
29.00	825.00	0.07	0.58	35.07
29.25	825.00	0.07	0.56	31.80
29.50	750.00	0.06	0.63	30.01
29.75	825.00	0.07	0.51	27.62

30.00	750.00	0.06	0.62	27.40
30.25	750.00	0.06	0.55	23.67
30.50	750.00	0.06	0.58	24.28
30.75	825.00	0.06	0.41	19.82
31.00	825.00	0.06	0.43	19.84
31.25	675.00	0.05	0.54	16.77
31.50	675.00	0.04	0.50	15.18
31.75	750.00	0.05	0.29	10.49
32.00	675.00	0.04	0.51	15.14
32.25	600.00	0.04	0.58	13.27
32.50	675.00	0.04	0.32	9.02
32.75	675.00	0.04	0.45	12.41
33.00	675.00	0.04	0.35	9.98
33.25	675.00	0.04	0.28	7.60
33.50	525.00	0.03	0.68	11.18
33.75	600.00	0.04	0.58	12.15
34.00	300.00	0.03	0.34	2.58
34.25	450.00	0.03	0.38	4.41
34.50	225.00	0.00	0.00	0.00
34.75	300.00	0.02	0.73	4.02
35.00	0.00	0.00	0.00	1.46
35.25	0.00	0.00	0.00	0.00
35.50	0.00	0.00	0.00	0.94
35.75	150.00	0.01	0.77	1.15
36.00	0.00	0.00	0.00	0.00
36.25	75.00	0.00	9.75	3.06
36.50	0.00	0.00	0.00	2.20
36.75	0.00	0.00	0.00	0.00
37.00	0.00	0.00	0.00	0.00
37.25	150.00	0.01	1.86	2.33
37.50	525.00	0.03	0.07	1.07
37.75	0.00	0.00	0.00	0.00
38.00	0.00	0.00	0.00	0.00
38.25	150.00	0.01	2.51	4.20
38.50	0.00	0.00	0.00	3.37
38.75	0.00	0.00	0.00	0.00
39.00	0.00	0.00	0.00	0.00
39.25	0.00	0.00	0.00	0.00
39.50	0.00	0.00	0.00	0.00
39.75	0.00	0.00	0.00	0.00
40.00	0.00	0.00	0.00	0.00
40.25	0.00	0.00	0.00	0.00
40.50	0.00	0.00	0.00	0.00
40.75	0.00	0.00	0.00	0.00
41.00	0.00	0.00	0.00	0.00
41.25	0.00	0.00	0.00	0.00
41.50	0.00	0.00	0.00	0.00
41.75	0.00	0.00	0.00	0.00
42.00	300.00	0.02	0.79	4.51
42.25	0.00	0.00	0.00	0.00
42.50	0.00	0.00	0.00	0.00
42.75	0.00	0.00	0.00	0.00
43.00	0.00	0.00	0.00	0.00
43.25	0.00	0.00	0.00	0.00
43.50	0.00	0.00	0.00	0.00
43.75	0.00	0.00	0.00	0.00
44.00	0.00	0.00	0.00	0.00
44.25	0.00	0.00	0.00	0.00
44.50	0.00	0.00	0.00	0.00
44.75	0.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	0.00
45.25	0.00	0.00	0.00	0.00
45.50	0.00	0.00	0.00	0.00
45.75	0.00	0.00	0.00	0.00
46.00	0.00	0.00	0.00	0.00
46.25	0.00	0.00	0.00	0.00
46.50	0.00	0.00	0.00	0.00
46.75	0.00	0.00	0.00	0.00
47.00	0.00	0.00	0.00	0.00
47.25	0.00	0.00	0.00	0.00
47.50	0.00	0.00	0.00	0.00
47.75	0.00	0.00	0.00	0.00
48.00	0.00	0.00	0.00	0.00
48.25	0.00	0.00	0.00	0.00
48.50	0.00	0.00	0.00	0.00
48.75	0.00	0.00	0.00	0.00
49.00	0.00	0.00	0.00	0.00
49.25	0.00	0.00	0.00	0.00
49.50	0.00	0.00	0.00	0.00
49.75	0.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	0.00
50.25	0.00	0.00	0.00	0.00
50.50	0.00	0.00	0.00	0.00
50.75	0.00	0.00	0.00	0.00
51.00	0.00	0.00	0.00	0.00
51.25	0.00	0.00	0.00	0.00
51.50	0.00	0.00	0.00	0.00
51.75	0.00	0.00	0.00	0.00
52.00	0.00	0.00	0.00	0.00
52.25	0.00	0.00	0.00	0.00
52.50	0.00	0.00	0.00	0.00
52.75	0.00	0.00	0.00	0.00
53.00	0.00	0.00	0.00	0.00
53.25	0.00	0.00	0.00	0.00
53.50	0.00	0.00	0.00	0.00
53.75	0.00	0.00	0.00	0.00
54.00	0.00	0.00	0.00	0.00
54.25	0.00	0.00	0.00	0.00
54.50	0.00	0.00	0.00	0.00
54.75	0.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	0.00
55.25	0.00	0.00	0.00	0.00
55.50	0.00	0.00	0.00	0.00
55.75	0.00	0.00	0.00	0.00
56.00	0.00	0.00	0.00	0.00
56.25	0.00	0.00	0.00	0.00

56.50	0.00	0.00	0.00	0.00
56.75	0.00	0.00	0.00	0.00
57.00	0.00	0.00	0.00	0.00
57.25	0.00	0.00	0.00	0.00
57.50	0.00	0.00	0.00	0.00
57.75	0.00	0.00	0.00	0.00
58.00	0.00	0.00	0.00	0.00
58.25	0.00	0.00	0.00	0.00
58.50	0.00	0.00	0.00	0.00
58.75	0.00	0.00	0.00	0.00
59.00	0.00	0.00	0.00	0.00
59.25	0.00	0.00	0.00	0.00
59.50	0.00	0.00	0.00	0.00
59.75	0.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	0.00
60.25	0.00	0.00	0.00	0.00
60.50	0.00	0.00	0.00	0.00
60.75	0.00	0.00	0.00	0.00
61.00	0.00	0.00	0.00	0.00
61.25	0.00	0.00	0.00	0.00
61.50	0.00	0.00	0.00	0.00
61.75	0.00	0.00	0.00	0.00
62.00	0.00	0.00	0.00	0.00
62.25	0.00	0.00	0.00	0.00
62.50	0.00	0.00	0.00	0.00
62.75	0.00	0.00	0.00	0.00
63.00	0.00	0.00	0.00	0.00
63.25	0.00	0.00	0.00	0.00
63.50	0.00	0.00	0.00	0.00
63.75	0.00	0.00	0.00	0.00
64.00	0.00	0.00	0.00	0.00
64.25	0.00	0.00	0.00	0.00
64.50	0.00	0.00	0.00	0.00
64.75	0.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	0.00
65.25	0.00	0.00	0.00	0.00
65.50	0.00	0.00	0.00	0.00
65.75	0.00	0.00	0.00	0.00
66.00	0.00	0.00	0.00	0.00
66.25	0.00	0.00	0.00	0.00
66.50	0.00	0.00	0.00	0.00
66.75	0.00	0.00	0.00	0.00
67.00	0.00	0.00	0.00	0.00
67.25	0.00	0.00	0.00	0.00
67.50	0.00	0.00	0.00	0.00
67.75	0.00	0.00	0.00	0.00
68.00	0.00	0.00	0.00	0.00
68.25	0.00	0.00	0.00	0.00
68.50	0.00	0.00	0.00	0.00
68.75	0.00	0.00	0.00	0.00
69.00	0.00	0.00	0.00	0.00
69.25	0.00	0.00	0.00	0.00
69.50	0.00	0.00	0.00	0.00
69.75	0.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	0.00
70.25	0.00	0.00	0.00	0.00
70.50	0.00	0.00	0.00	0.00
70.75	0.00	0.00	0.00	0.00
71.00	0.00	0.00	0.00	0.00
71.25	0.00	0.00	0.00	0.00
71.50	0.00	0.00	0.00	0.00
71.75	0.00	0.00	0.00	0.00
72.00	0.00	0.00	0.00	0.00

THE MAXIMUM DISCHARGE FROM CROSS SECTION 9 IS: 0.00 CFS AT TIME: 0.00 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 0.00 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 9

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00

8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00
13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	0.00
13.75	0.00	0.00	0.00	0.00
14.00	0.00	0.00	0.00	0.00
14.25	0.00	0.00	0.00	0.00
14.50	0.00	0.00	0.00	0.00
14.75	0.00	0.00	0.00	0.00
15.00	0.00	0.00	0.00	0.00
15.25	0.00	0.00	0.00	0.00
15.50	0.00	0.00	0.00	0.00
15.75	0.00	0.00	0.00	0.00
16.00	0.00	0.00	0.00	0.00
16.25	0.00	0.00	0.00	0.00
16.50	0.00	0.00	0.00	0.00
16.75	0.00	0.00	0.00	0.00
17.00	0.00	0.00	0.00	0.00
17.25	0.00	0.00	0.00	0.00
17.50	0.00	0.00	0.00	0.00
17.75	0.00	0.00	0.00	0.00
18.00	0.00	0.00	0.00	0.00
18.25	0.00	0.00	0.00	0.00
18.50	0.00	0.00	0.00	0.00
18.75	0.00	0.00	0.00	0.00
19.00	0.00	0.00	0.00	0.00
19.25	0.00	0.00	0.00	0.00
19.50	0.00	0.00	0.00	0.00
19.75	0.00	0.00	0.00	0.00
20.00	0.00	0.00	0.00	0.00
20.25	0.00	0.00	0.00	0.00
20.50	0.00	0.00	0.00	0.00
20.75	0.00	0.00	0.00	0.00
21.00	0.00	0.00	0.00	0.00
21.25	0.00	0.00	0.00	0.00
21.50	0.00	0.00	0.00	0.00
21.75	0.00	0.00	0.00	0.00
22.00	0.00	0.00	0.00	0.00
22.25	0.00	0.00	0.00	0.00
22.50	0.00	0.00	0.00	0.00
22.75	0.00	0.00	0.00	0.00
23.00	0.00	0.00	0.00	0.00
23.25	0.00	0.00	0.00	0.00
23.50	0.00	0.00	0.00	0.00
23.75	0.00	0.00	0.00	0.00
24.00	0.00	0.00	0.00	0.00
24.25	0.00	0.00	0.00	0.00
24.50	0.00	0.00	0.00	0.00
24.75	0.00	0.00	0.00	0.00
25.00	0.00	0.00	0.00	0.00
25.25	0.00	0.00	0.00	0.00
25.50	0.00	0.00	0.00	0.00
25.75	0.00	0.00	0.00	0.00
26.00	0.00	0.00	0.00	0.00
26.25	0.00	0.00	0.00	0.00
26.50	0.00	0.00	0.00	0.00
26.75	0.00	0.00	0.00	0.00
27.00	0.00	0.00	0.00	0.00
27.25	0.00	0.00	0.00	0.00
27.50	0.00	0.00	0.00	0.00
27.75	0.00	0.00	0.00	0.00
28.00	0.00	0.00	0.00	0.00
28.25	0.00	0.00	0.00	0.00
28.50	0.00	0.00	0.00	0.00
28.75	0.00	0.00	0.00	0.00
29.00	0.00	0.00	0.00	0.00
29.25	0.00	0.00	0.00	0.00
29.50	0.00	0.00	0.00	0.00
29.75	0.00	0.00	0.00	0.00
30.00	0.00	0.00	0.00	0.00
30.25	0.00	0.00	0.00	0.00
30.50	0.00	0.00	0.00	0.00
30.75	0.00	0.00	0.00	0.00
31.00	0.00	0.00	0.00	0.00
31.25	0.00	0.00	0.00	0.00
31.50	0.00	0.00	0.00	0.00
31.75	0.00	0.00	0.00	0.00
32.00	0.00	0.00	0.00	0.00
32.25	0.00	0.00	0.00	0.00
32.50	0.00	0.00	0.00	0.00
32.75	0.00	0.00	0.00	0.00
33.00	0.00	0.00	0.00	0.00
33.25	0.00	0.00	0.00	0.00
33.50	0.00	0.00	0.00	0.00
33.75	0.00	0.00	0.00	0.00
34.00	0.00	0.00	0.00	0.00
34.25	0.00	0.00	0.00	0.00
34.50	0.00	0.00	0.00	0.00

34.75	0.00	0.00	0.00	0.00
35.00	0.00	0.00	0.00	0.00
35.25	0.00	0.00	0.00	0.00
35.50	0.00	0.00	0.00	0.00
35.75	0.00	0.00	0.00	0.00
36.00	0.00	0.00	0.00	0.00
36.25	0.00	0.00	0.00	0.00
36.50	0.00	0.00	0.00	0.00
36.75	0.00	0.00	0.00	0.00
37.00	0.00	0.00	0.00	0.00
37.25	0.00	0.00	0.00	0.00
37.50	0.00	0.00	0.00	0.00
37.75	0.00	0.00	0.00	0.00
38.00	0.00	0.00	0.00	0.00
38.25	0.00	0.00	0.00	0.00
38.50	0.00	0.00	0.00	0.00
38.75	0.00	0.00	0.00	0.00
39.00	0.00	0.00	0.00	0.00
39.25	0.00	0.00	0.00	0.00
39.50	0.00	0.00	0.00	0.00
39.75	0.00	0.00	0.00	0.00
40.00	0.00	0.00	0.00	0.00
40.25	0.00	0.00	0.00	0.00
40.50	0.00	0.00	0.00	0.00
40.75	0.00	0.00	0.00	0.00
41.00	0.00	0.00	0.00	0.00
41.25	0.00	0.00	0.00	0.00
41.50	0.00	0.00	0.00	0.00
41.75	0.00	0.00	0.00	0.00
42.00	0.00	0.00	0.00	0.00
42.25	0.00	0.00	0.00	0.00
42.50	0.00	0.00	0.00	0.00
42.75	0.00	0.00	0.00	0.00
43.00	0.00	0.00	0.00	0.00
43.25	0.00	0.00	0.00	0.00
43.50	0.00	0.00	0.00	0.00
43.75	0.00	0.00	0.00	0.00
44.00	0.00	0.00	0.00	0.00
44.25	0.00	0.00	0.00	0.00
44.50	0.00	0.00	0.00	0.00
44.75	0.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	0.00
45.25	0.00	0.00	0.00	0.00
45.50	0.00	0.00	0.00	0.00
45.75	0.00	0.00	0.00	0.00
46.00	0.00	0.00	0.00	0.00
46.25	0.00	0.00	0.00	0.00
46.50	0.00	0.00	0.00	0.00
46.75	0.00	0.00	0.00	0.00
47.00	0.00	0.00	0.00	0.00
47.25	0.00	0.00	0.00	0.00
47.50	0.00	0.00	0.00	0.00
47.75	0.00	0.00	0.00	0.00
48.00	0.00	0.00	0.00	0.00
48.25	0.00	0.00	0.00	0.00
48.50	0.00	0.00	0.00	0.00
48.75	0.00	0.00	0.00	0.00
49.00	0.00	0.00	0.00	0.00
49.25	0.00	0.00	0.00	0.00
49.50	0.00	0.00	0.00	0.00
49.75	0.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	0.00
50.25	0.00	0.00	0.00	0.00
50.50	0.00	0.00	0.00	0.00
50.75	0.00	0.00	0.00	0.00
51.00	0.00	0.00	0.00	0.00
51.25	0.00	0.00	0.00	0.00
51.50	0.00	0.00	0.00	0.00
51.75	0.00	0.00	0.00	0.00
52.00	0.00	0.00	0.00	0.00
52.25	0.00	0.00	0.00	0.00
52.50	0.00	0.00	0.00	0.00
52.75	0.00	0.00	0.00	0.00
53.00	0.00	0.00	0.00	0.00
53.25	0.00	0.00	0.00	0.00
53.50	0.00	0.00	0.00	0.00
53.75	0.00	0.00	0.00	0.00
54.00	0.00	0.00	0.00	0.00
54.25	0.00	0.00	0.00	0.00
54.50	0.00	0.00	0.00	0.00
54.75	0.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	0.00
55.25	0.00	0.00	0.00	0.00
55.50	0.00	0.00	0.00	0.00
55.75	0.00	0.00	0.00	0.00
56.00	0.00	0.00	0.00	0.00
56.25	0.00	0.00	0.00	0.00
56.50	0.00	0.00	0.00	0.00
56.75	0.00	0.00	0.00	0.00
57.00	0.00	0.00	0.00	0.00
57.25	0.00	0.00	0.00	0.00
57.50	0.00	0.00	0.00	0.00
57.75	0.00	0.00	0.00	0.00
58.00	0.00	0.00	0.00	0.00
58.25	0.00	0.00	0.00	0.00
58.50	0.00	0.00	0.00	0.00
58.75	0.00	0.00	0.00	0.00
59.00	0.00	0.00	0.00	0.00
59.25	0.00	0.00	0.00	0.00
59.50	0.00	0.00	0.00	0.00
59.75	0.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	0.00
60.25	0.00	0.00	0.00	0.00
60.50	0.00	0.00	0.00	0.00
60.75	0.00	0.00	0.00	0.00
61.00	0.00	0.00	0.00	0.00

61.25	0.00	0.00	0.00	0.00
61.50	0.00	0.00	0.00	0.00
61.75	0.00	0.00	0.00	0.00
62.00	0.00	0.00	0.00	0.00
62.25	0.00	0.00	0.00	0.00
62.50	0.00	0.00	0.00	0.00
62.75	0.00	0.00	0.00	0.00
63.00	0.00	0.00	0.00	0.00
63.25	0.00	0.00	0.00	0.00
63.50	0.00	0.00	0.00	0.00
63.75	0.00	0.00	0.00	0.00
64.00	0.00	0.00	0.00	0.00
64.25	0.00	0.00	0.00	0.00
64.50	0.00	0.00	0.00	0.00
64.75	0.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	0.00
65.25	0.00	0.00	0.00	0.00
65.50	0.00	0.00	0.00	0.00
65.75	0.00	0.00	0.00	0.00
66.00	0.00	0.00	0.00	0.00
66.25	0.00	0.00	0.00	0.00
66.50	0.00	0.00	0.00	0.00
66.75	0.00	0.00	0.00	0.00
67.00	0.00	0.00	0.00	0.00
67.25	0.00	0.00	0.00	0.00
67.50	0.00	0.00	0.00	0.00
67.75	0.00	0.00	0.00	0.00
68.00	0.00	0.00	0.00	0.00
68.25	0.00	0.00	0.00	0.00
68.50	0.00	0.00	0.00	0.00
68.75	0.00	0.00	0.00	0.00
69.00	0.00	0.00	0.00	0.00
69.25	0.00	0.00	0.00	0.00
69.50	0.00	0.00	0.00	0.00
69.75	0.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	0.00
70.25	0.00	0.00	0.00	0.00
70.50	0.00	0.00	0.00	0.00
70.75	0.00	0.00	0.00	0.00
71.00	0.00	0.00	0.00	0.00
71.25	0.00	0.00	0.00	0.00
71.50	0.00	0.00	0.00	0.00
71.75	0.00	0.00	0.00	0.00
72.00	0.00	0.00	0.00	0.00

THE MAXIMUM DISCHARGE FROM CROSS SECTION 10 IS: 0.00 CFS AT TIME: 0.00 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 0.00 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 10

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00

13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	0.00
13.75	0.00	0.00	0.00	0.00
14.00	0.00	0.00	0.00	0.00
14.25	0.00	0.00	0.00	0.00
14.50	0.00	0.00	0.00	0.00
14.75	0.00	0.00	0.00	0.00
15.00	0.00	0.00	0.00	0.00
15.25	0.00	0.00	0.00	0.00
15.50	0.00	0.00	0.00	0.00
15.75	0.00	0.00	0.00	0.00
16.00	0.00	0.00	0.00	0.00
16.25	0.00	0.00	0.00	0.00
16.50	0.00	0.00	0.00	0.00
16.75	0.00	0.00	0.00	0.00
17.00	0.00	0.00	0.00	0.00
17.25	0.00	0.00	0.00	0.00
17.50	0.00	0.00	0.00	0.00
17.75	0.00	0.00	0.00	0.00
18.00	0.00	0.00	0.00	0.00
18.25	0.00	0.00	0.00	0.00
18.50	0.00	0.00	0.00	0.00
18.75	0.00	0.00	0.00	0.00
19.00	0.00	0.00	0.00	0.00
19.25	0.00	0.00	0.00	0.00
19.50	0.00	0.00	0.00	0.00
19.75	0.00	0.00	0.00	0.00
20.00	0.00	0.00	0.00	0.00
20.25	0.00	0.00	0.00	0.00
20.50	0.00	0.00	0.00	0.00
20.75	0.00	0.00	0.00	0.00
21.00	0.00	0.00	0.00	0.00
21.25	0.00	0.00	0.00	0.00
21.50	0.00	0.00	0.00	0.00
21.75	0.00	0.00	0.00	0.00
22.00	0.00	0.00	0.00	0.00
22.25	0.00	0.00	0.00	0.00
22.50	0.00	0.00	0.00	0.00
22.75	0.00	0.00	0.00	0.00
23.00	0.00	0.00	0.00	0.00
23.25	0.00	0.00	0.00	0.00
23.50	0.00	0.00	0.00	0.00
23.75	0.00	0.00	0.00	0.00
24.00	0.00	0.00	0.00	0.00
24.25	0.00	0.00	0.00	0.00
24.50	0.00	0.00	0.00	0.00
24.75	0.00	0.00	0.00	0.00
25.00	0.00	0.00	0.00	0.00
25.25	0.00	0.00	0.00	0.00
25.50	0.00	0.00	0.00	0.00
25.75	0.00	0.00	0.00	0.00
26.00	0.00	0.00	0.00	0.00
26.25	0.00	0.00	0.00	0.00
26.50	0.00	0.00	0.00	0.00
26.75	0.00	0.00	0.00	0.00
27.00	0.00	0.00	0.00	0.00
27.25	0.00	0.00	0.00	0.00
27.50	0.00	0.00	0.00	0.00
27.75	0.00	0.00	0.00	0.00
28.00	0.00	0.00	0.00	0.00
28.25	0.00	0.00	0.00	0.00
28.50	0.00	0.00	0.00	0.00
28.75	0.00	0.00	0.00	0.00
29.00	0.00	0.00	0.00	0.00
29.25	0.00	0.00	0.00	0.00
29.50	0.00	0.00	0.00	0.00
29.75	0.00	0.00	0.00	0.00
30.00	0.00	0.00	0.00	0.00
30.25	0.00	0.00	0.00	0.00
30.50	0.00	0.00	0.00	0.00
30.75	0.00	0.00	0.00	0.00
31.00	0.00	0.00	0.00	0.00
31.25	0.00	0.00	0.00	0.00
31.50	0.00	0.00	0.00	0.00
31.75	0.00	0.00	0.00	0.00
32.00	0.00	0.00	0.00	0.00
32.25	0.00	0.00	0.00	0.00
32.50	0.00	0.00	0.00	0.00
32.75	0.00	0.00	0.00	0.00
33.00	0.00	0.00	0.00	0.00
33.25	0.00	0.00	0.00	0.00
33.50	0.00	0.00	0.00	0.00
33.75	0.00	0.00	0.00	0.00
34.00	0.00	0.00	0.00	0.00
34.25	0.00	0.00	0.00	0.00
34.50	0.00	0.00	0.00	0.00
34.75	0.00	0.00	0.00	0.00
35.00	0.00	0.00	0.00	0.00
35.25	0.00	0.00	0.00	0.00
35.50	0.00	0.00	0.00	0.00
35.75	0.00	0.00	0.00	0.00
36.00	0.00	0.00	0.00	0.00
36.25	0.00	0.00	0.00	0.00
36.50	0.00	0.00	0.00	0.00
36.75	0.00	0.00	0.00	0.00
37.00	0.00	0.00	0.00	0.00
37.25	0.00	0.00	0.00	0.00
37.50	0.00	0.00	0.00	0.00
37.75	0.00	0.00	0.00	0.00
38.00	0.00	0.00	0.00	0.00
38.25	0.00	0.00	0.00	0.00
38.50	0.00	0.00	0.00	0.00
38.75	0.00	0.00	0.00	0.00
39.00	0.00	0.00	0.00	0.00
39.25	0.00	0.00	0.00	0.00

39.50	0.00	0.00	0.00	0.00
39.75	0.00	0.00	0.00	0.00
40.00	0.00	0.00	0.00	0.00
40.25	0.00	0.00	0.00	0.00
40.50	0.00	0.00	0.00	0.00
40.75	0.00	0.00	0.00	0.00
41.00	0.00	0.00	0.00	0.00
41.25	0.00	0.00	0.00	0.00
41.50	0.00	0.00	0.00	0.00
41.75	0.00	0.00	0.00	0.00
42.00	0.00	0.00	0.00	0.00
42.25	0.00	0.00	0.00	0.00
42.50	0.00	0.00	0.00	0.00
42.75	0.00	0.00	0.00	0.00
43.00	0.00	0.00	0.00	0.00
43.25	0.00	0.00	0.00	0.00
43.50	0.00	0.00	0.00	0.00
43.75	0.00	0.00	0.00	0.00
44.00	0.00	0.00	0.00	0.00
44.25	0.00	0.00	0.00	0.00
44.50	0.00	0.00	0.00	0.00
44.75	0.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	0.00
45.25	0.00	0.00	0.00	0.00
45.50	0.00	0.00	0.00	0.00
45.75	0.00	0.00	0.00	0.00
46.00	0.00	0.00	0.00	0.00
46.25	0.00	0.00	0.00	0.00
46.50	0.00	0.00	0.00	0.00
46.75	0.00	0.00	0.00	0.00
47.00	0.00	0.00	0.00	0.00
47.25	0.00	0.00	0.00	0.00
47.50	0.00	0.00	0.00	0.00
47.75	0.00	0.00	0.00	0.00
48.00	0.00	0.00	0.00	0.00
48.25	0.00	0.00	0.00	0.00
48.50	0.00	0.00	0.00	0.00
48.75	0.00	0.00	0.00	0.00
49.00	0.00	0.00	0.00	0.00
49.25	0.00	0.00	0.00	0.00
49.50	0.00	0.00	0.00	0.00
49.75	0.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	0.00
50.25	0.00	0.00	0.00	0.00
50.50	0.00	0.00	0.00	0.00
50.75	0.00	0.00	0.00	0.00
51.00	0.00	0.00	0.00	0.00
51.25	0.00	0.00	0.00	0.00
51.50	0.00	0.00	0.00	0.00
51.75	0.00	0.00	0.00	0.00
52.00	0.00	0.00	0.00	0.00
52.25	0.00	0.00	0.00	0.00
52.50	0.00	0.00	0.00	0.00
52.75	0.00	0.00	0.00	0.00
53.00	0.00	0.00	0.00	0.00
53.25	0.00	0.00	0.00	0.00
53.50	0.00	0.00	0.00	0.00
53.75	0.00	0.00	0.00	0.00
54.00	0.00	0.00	0.00	0.00
54.25	0.00	0.00	0.00	0.00
54.50	0.00	0.00	0.00	0.00
54.75	0.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	0.00
55.25	0.00	0.00	0.00	0.00
55.50	0.00	0.00	0.00	0.00
55.75	0.00	0.00	0.00	0.00
56.00	0.00	0.00	0.00	0.00
56.25	0.00	0.00	0.00	0.00
56.50	0.00	0.00	0.00	0.00
56.75	0.00	0.00	0.00	0.00
57.00	0.00	0.00	0.00	0.00
57.25	0.00	0.00	0.00	0.00
57.50	0.00	0.00	0.00	0.00
57.75	0.00	0.00	0.00	0.00
58.00	0.00	0.00	0.00	0.00
58.25	0.00	0.00	0.00	0.00
58.50	0.00	0.00	0.00	0.00
58.75	0.00	0.00	0.00	0.00
59.00	0.00	0.00	0.00	0.00
59.25	0.00	0.00	0.00	0.00
59.50	0.00	0.00	0.00	0.00
59.75	0.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	0.00
60.25	0.00	0.00	0.00	0.00
60.50	0.00	0.00	0.00	0.00
60.75	0.00	0.00	0.00	0.00
61.00	0.00	0.00	0.00	0.00
61.25	0.00	0.00	0.00	0.00
61.50	0.00	0.00	0.00	0.00
61.75	0.00	0.00	0.00	0.00
62.00	0.00	0.00	0.00	0.00
62.25	0.00	0.00	0.00	0.00
62.50	0.00	0.00	0.00	0.00
62.75	0.00	0.00	0.00	0.00
63.00	0.00	0.00	0.00	0.00
63.25	0.00	0.00	0.00	0.00
63.50	0.00	0.00	0.00	0.00
63.75	0.00	0.00	0.00	0.00
64.00	0.00	0.00	0.00	0.00
64.25	0.00	0.00	0.00	0.00
64.50	0.00	0.00	0.00	0.00
64.75	0.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	0.00
65.25	0.00	0.00	0.00	0.00
65.50	0.00	0.00	0.00	0.00
65.75	0.00	0.00	0.00	0.00

66.00	0.00	0.00	0.00	0.00
66.25	0.00	0.00	0.00	0.00
66.50	0.00	0.00	0.00	0.00
66.75	0.00	0.00	0.00	0.00
67.00	0.00	0.00	0.00	0.00
67.25	0.00	0.00	0.00	0.00
67.50	0.00	0.00	0.00	0.00
67.75	0.00	0.00	0.00	0.00
68.00	0.00	0.00	0.00	0.00
68.25	0.00	0.00	0.00	0.00
68.50	0.00	0.00	0.00	0.00
68.75	0.00	0.00	0.00	0.00
69.00	0.00	0.00	0.00	0.00
69.25	0.00	0.00	0.00	0.00
69.50	0.00	0.00	0.00	0.00
69.75	0.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	0.00
70.25	0.00	0.00	0.00	0.00
70.50	0.00	0.00	0.00	0.00
70.75	0.00	0.00	0.00	0.00
71.00	0.00	0.00	0.00	0.00
71.25	0.00	0.00	0.00	0.00
71.50	0.00	0.00	0.00	0.00
71.75	0.00	0.00	0.00	0.00
72.00	0.00	0.00	0.00	0.00

THE MAXIMUM DISCHARGE FROM CROSS SECTION 11 IS: 222.87 CFS AT TIME: 17.14 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 99.51 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 11

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00
13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	0.00
13.75	0.00	0.00	0.00	0.00
14.00	0.00	0.00	0.00	0.00
14.25	0.00	0.00	0.00	0.00
14.50	0.00	0.00	0.00	0.00
14.75	0.00	0.00	0.00	0.00
15.00	0.00	0.00	0.00	0.00
15.25	375.00	0.11	1.20	51.48
15.50	675.00	0.14	1.15	108.95
15.75	675.00	0.14	1.23	118.01
16.00	675.00	0.15	1.25	123.50
16.25	675.00	0.15	1.33	136.03
16.50	750.00	0.16	1.19	141.82
16.75	750.00	0.16	1.22	146.54
17.00	675.00	0.18	1.74	211.21
17.25	675.00	0.19	1.75	218.87
17.50	675.00	0.18	1.70	208.55

17.75	675.00	0.18	1.68	202.54
18.00	675.00	0.18	1.64	195.15
18.25	675.00	0.17	1.57	178.88
18.50	675.00	0.16	1.48	160.31
18.75	675.00	0.15	1.35	140.77
19.00	600.00	0.15	1.44	130.41
19.25	750.00	0.15	1.05	117.08
19.50	600.00	0.14	1.31	110.65
19.75	675.00	0.14	1.05	98.55
20.00	600.00	0.13	1.16	90.86
20.25	750.00	0.13	0.85	82.37
20.50	675.00	0.12	0.94	77.37
20.75	675.00	0.12	0.90	71.89
21.00	600.00	0.11	0.93	63.64
21.25	675.00	0.11	0.75	56.12
21.50	675.00	0.11	0.70	51.09
21.75	675.00	0.10	0.69	48.46
22.00	600.00	0.10	0.72	43.97
22.25	675.00	0.10	0.64	42.87
22.50	525.00	0.09	0.78	37.95
22.75	600.00	0.09	0.65	36.71
23.00	675.00	0.09	0.53	32.68
23.25	675.00	0.09	0.50	29.71
23.50	600.00	0.09	0.51	26.38
23.75	600.00	0.08	0.50	25.20
24.00	675.00	0.08	0.42	23.41
24.25	600.00	0.08	0.45	21.62
24.50	450.00	0.07	0.65	21.55
24.75	600.00	0.07	0.42	18.64
25.00	600.00	0.07	0.43	19.14
25.25	450.00	0.07	0.62	19.67
25.50	525.00	0.07	0.48	17.92
25.75	600.00	0.07	0.33	14.57
26.00	525.00	0.07	0.42	15.79
26.25	525.00	0.07	0.45	15.52
26.50	525.00	0.07	0.39	13.87
26.75	450.00	0.07	0.47	14.69
27.00	600.00	0.07	0.29	12.12
27.25	525.00	0.07	0.43	14.61
27.50	675.00	0.07	0.31	15.31
27.75	450.00	0.07	0.63	18.78
28.00	525.00	0.07	0.41	15.06
28.25	600.00	0.07	0.38	16.04
28.50	525.00	0.07	0.48	16.64
28.75	525.00	0.07	0.45	15.51
29.00	525.00	0.07	0.35	12.31
29.25	525.00	0.06	0.34	11.31
29.50	600.00	0.07	0.24	9.67
29.75	450.00	0.05	0.29	7.07
30.00	600.00	0.06	0.20	7.31
30.25	300.00	0.05	0.39	6.36
30.50	525.00	0.06	0.27	8.51
30.75	450.00	0.06	0.23	5.96
31.00	300.00	0.05	0.51	8.11
31.25	300.00	0.05	0.35	5.31
31.50	300.00	0.05	0.31	4.85
31.75	525.00	0.05	0.15	4.14
32.00	225.00	0.04	0.33	3.32
32.25	225.00	0.04	0.69	6.89
32.50	300.00	0.05	0.23	3.18
32.75	450.00	0.05	0.27	5.63
33.00	375.00	0.04	0.24	4.09
33.25	300.00	0.04	0.60	7.64
33.50	150.00	0.04	0.49	3.16
33.75	450.00	0.05	0.19	4.06
34.00	300.00	0.05	0.23	3.15
34.25	300.00	0.05	0.22	3.07
34.50	525.00	0.05	0.14	3.95
34.75	525.00	0.05	0.15	4.10
35.00	225.00	0.04	0.54	5.28
35.25	450.00	0.05	0.28	6.20
35.50	375.00	0.05	0.29	5.05
35.75	375.00	0.05	0.38	6.67
36.00	300.00	0.05	0.36	5.22
36.25	225.00	0.04	0.40	3.96
36.50	225.00	0.04	0.48	4.51
36.75	600.00	0.05	0.13	4.21
37.00	375.00	0.05	0.39	6.80
37.25	225.00	0.04	0.61	5.97
37.50	225.00	0.04	0.65	6.41
37.75	300.00	0.05	0.15	2.10
38.00	150.00	0.04	0.87	5.60
38.25	525.00	0.05	0.08	2.10
38.50	150.00	0.04	0.80	5.19
38.75	375.00	0.05	0.30	5.19
39.00	300.00	0.05	0.28	3.90
39.25	450.00	0.05	0.14	3.15
39.50	300.00	0.04	0.41	5.26
39.75	300.00	0.05	0.28	4.06
40.00	300.00	0.04	0.27	3.14
40.25	525.00	0.05	0.19	5.16
40.50	300.00	0.05	0.22	3.12
40.75	525.00	0.05	0.22	5.76
41.00	300.00	0.04	0.50	6.36
41.25	225.00	0.05	0.45	4.66
41.50	450.00	0.05	0.20	4.51
41.75	225.00	0.04	0.52	5.09
42.00	375.00	0.05	0.42	7.28
42.25	375.00	0.05	0.36	6.36
42.50	150.00	0.04	0.48	3.07
42.75	300.00	0.05	0.31	4.25
43.00	300.00	0.05	0.32	4.59
43.25	375.00	0.05	0.38	6.56
43.50	300.00	0.05	0.28	4.02
43.75	375.00	0.04	0.35	5.87
44.00	375.00	0.05	0.23	4.02

44.25	300.00	0.05	0.57	8.31
44.50	450.00	0.05	0.22	5.20
44.75	300.00	0.04	0.46	5.90
45.00	525.00	0.05	0.14	4.09
45.25	225.00	0.04	0.43	4.18
45.50	300.00	0.05	0.34	4.69
45.75	225.00	0.04	0.71	6.97
46.00	225.00	0.04	0.43	4.22
46.25	300.00	0.04	0.25	3.06
46.50	375.00	0.05	0.33	5.70
46.75	450.00	0.05	0.14	3.15
47.00	375.00	0.05	0.29	5.31
47.25	375.00	0.04	0.43	7.23
47.50	450.00	0.05	0.29	6.34
47.75	375.00	0.04	0.33	5.32
48.00	375.00	0.05	0.28	4.89
48.25	600.00	0.06	0.18	6.07
48.50	150.00	0.04	0.72	4.65
48.75	525.00	0.05	0.18	4.65
49.00	375.00	0.05	0.36	6.77
49.25	300.00	0.04	0.34	4.17
49.50	525.00	0.05	0.11	3.16
49.75	450.00	0.05	0.18	4.12
50.00	225.00	0.04	0.56	5.51
50.25	300.00	0.04	0.24	3.14
50.50	300.00	0.04	0.24	3.15
50.75	300.00	0.05	0.22	3.15
51.00	375.00	0.05	0.28	5.25
51.25	450.00	0.05	0.15	3.17
51.50	375.00	0.04	0.24	3.98
51.75	225.00	0.04	0.64	6.33
52.00	450.00	0.05	0.25	5.67
52.25	300.00	0.05	0.44	6.13
52.50	525.00	0.05	0.16	4.30
52.75	450.00	0.05	0.19	4.06
53.00	525.00	0.05	0.23	6.22
53.25	525.00	0.05	0.14	3.92
53.50	525.00	0.05	0.19	5.17
53.75	375.00	0.05	0.28	5.15
54.00	600.00	0.05	0.16	5.19
54.25	300.00	0.05	0.46	6.40
54.50	225.00	0.04	0.71	6.99
54.75	150.00	0.04	0.37	2.40
55.00	300.00	0.04	0.25	3.06
55.25	225.00	0.04	0.74	7.30
55.50	450.00	0.05	0.30	6.32
55.75	300.00	0.04	0.52	6.41
56.00	300.00	0.04	0.44	5.35
56.25	300.00	0.04	0.48	6.41
56.50	300.00	0.04	0.51	6.20
56.75	675.00	0.06	0.10	3.99
57.00	375.00	0.05	0.52	9.01
57.25	225.00	0.04	0.32	3.16
57.50	450.00	0.05	0.18	4.09
57.75	150.00	0.04	0.37	2.42
58.00	450.00	0.05	0.21	4.58
58.25	300.00	0.05	0.27	3.73
58.50	225.00	0.04	0.79	7.72
58.75	300.00	0.04	0.61	7.81
59.00	300.00	0.05	0.45	6.19
59.25	375.00	0.05	0.36	6.27
59.50	375.00	0.05	0.39	7.17
59.75	225.00	0.04	0.43	4.19
60.00	300.00	0.05	0.17	2.30
60.25	450.00	0.05	0.28	6.20
60.50	450.00	0.05	0.24	5.29
60.75	450.00	0.05	0.35	7.69
61.00	300.00	0.05	0.31	4.22
61.25	225.00	0.04	0.52	5.14
61.50	225.00	0.05	0.31	3.16
61.75	225.00	0.04	0.43	4.19
62.00	450.00	0.05	0.22	4.83
62.25	300.00	0.05	0.26	3.58
62.50	150.00	0.04	0.71	4.56
62.75	225.00	0.04	0.32	3.16
63.00	375.00	0.05	0.17	3.13
63.25	525.00	0.05	0.19	5.15
63.50	525.00	0.05	0.20	5.18
63.75	225.00	0.04	0.65	6.38
64.00	375.00	0.04	0.25	4.21
64.25	375.00	0.05	0.50	8.69
64.50	225.00	0.04	0.43	4.21
64.75	300.00	0.05	0.55	7.64
65.00	375.00	0.05	0.26	4.84
65.25	300.00	0.05	0.28	4.08
65.50	300.00	0.05	0.34	4.64
65.75	225.00	0.04	0.32	3.15
66.00	225.00	0.05	0.56	5.71
66.25	375.00	0.05	0.36	6.48
66.50	450.00	0.05	0.14	3.14
66.75	300.00	0.04	0.52	6.39
67.00	300.00	0.05	0.22	3.14
67.25	450.00	0.05	0.20	4.31
67.50	300.00	0.05	0.46	6.43
67.75	525.00	0.05	0.22	6.13
68.00	225.00	0.04	0.52	5.14
68.25	375.00	0.04	0.32	5.39
68.50	450.00	0.05	0.09	2.11
68.75	450.00	0.05	0.28	6.21
69.00	375.00	0.05	0.41	7.71
69.25	225.00	0.04	0.32	3.15
69.50	300.00	0.04	0.59	7.17
69.75	225.00	0.04	0.54	5.28
70.00	375.00	0.05	0.36	6.25
70.25	450.00	0.05	0.25	5.33
70.50	300.00	0.04	0.32	4.08

70.75	375.00	0.05	0.26	4.96
71.00	375.00	0.05	0.30	5.60
71.25	375.00	0.05	0.29	5.50
71.50	300.00	0.04	0.52	6.42
71.75	300.00	0.05	0.44	6.14
72.00	300.00	0.04	0.49	5.76

THE MAXIMUM DISCHARGE FROM CROSS SECTION 12 IS: 287.69 CFS AT TIME: 16.72 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 160.41 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 12

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00
13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	0.00
13.75	0.00	0.00	0.00	0.00
14.00	0.00	0.00	0.00	0.00
14.25	0.00	0.00	0.00	0.00
14.50	0.00	0.00	0.00	0.00
14.75	0.00	0.00	0.00	0.00
15.00	225.00	0.04	1.17	9.79
15.25	375.00	0.10	3.89	148.33
15.50	375.00	0.12	4.34	189.90
15.75	375.00	0.13	4.62	218.11
16.00	375.00	0.14	4.91	248.55
16.25	450.00	0.15	4.08	267.32
16.50	450.00	0.15	4.18	280.53
16.75	450.00	0.15	4.21	285.10
17.00	450.00	0.15	4.17	278.26
17.25	450.00	0.14	4.04	260.53
17.50	375.00	0.13	4.80	237.95
17.75	450.00	0.13	3.66	211.46
18.00	375.00	0.12	4.32	188.26
18.25	375.00	0.11	4.09	168.38
18.50	375.00	0.10	3.93	152.70
18.75	375.00	0.10	3.78	140.12
19.00	375.00	0.10	3.64	129.80
19.25	375.00	0.09	3.49	120.05
19.50	375.00	0.09	3.38	109.97
19.75	375.00	0.08	3.26	100.77
20.00	375.00	0.08	3.13	91.30
20.25	375.00	0.07	3.03	84.50
20.50	375.00	0.07	2.88	75.64
20.75	375.00	0.07	2.77	68.66
21.00	375.00	0.06	2.67	62.43
21.25	375.00	0.06	2.52	55.35
21.50	375.00	0.06	2.38	50.05
21.75	375.00	0.05	2.23	45.18
22.00	375.00	0.05	2.12	42.14
22.25	375.00	0.05	1.95	37.55

22.50	375.00	0.05	1.85	34.50
22.75	375.00	0.05	1.77	31.67
23.00	375.00	0.05	1.71	29.14
23.25	375.00	0.04	1.71	27.57
23.50	375.00	0.04	1.57	24.61
23.75	375.00	0.04	1.57	24.36
24.00	375.00	0.04	1.37	21.11
24.25	375.00	0.04	1.38	20.98
24.50	375.00	0.04	1.57	23.93
24.75	375.00	0.04	1.38	21.31
25.00	375.00	0.04	1.37	20.66
25.25	375.00	0.04	1.29	19.09
25.50	375.00	0.04	1.30	19.47
25.75	375.00	0.04	1.28	19.20
26.00	375.00	0.04	1.28	18.64
26.25	375.00	0.04	1.28	19.16
26.50	375.00	0.04	1.29	19.39
26.75	375.00	0.04	1.28	19.16
27.00	375.00	0.04	1.31	19.55
27.25	375.00	0.04	1.27	18.64
27.50	375.00	0.04	1.27	18.52
27.75	375.00	0.04	1.27	18.16
28.00	375.00	0.04	1.27	18.06
28.25	375.00	0.04	1.26	17.90
28.50	375.00	0.04	1.15	16.14
28.75	375.00	0.04	1.13	16.20
29.00	375.00	0.04	1.13	16.43
29.25	375.00	0.04	1.12	16.32
29.50	375.00	0.04	1.12	16.36
29.75	375.00	0.04	1.12	16.31
30.00	375.00	0.04	1.12	16.28
30.25	375.00	0.04	1.12	16.28
30.50	375.00	0.04	1.12	16.25
30.75	375.00	0.04	1.12	16.27
31.00	375.00	0.04	1.12	16.26
31.25	375.00	0.04	1.12	16.28
31.50	375.00	0.04	1.12	16.24
31.75	375.00	0.04	1.12	16.26
32.00	375.00	0.04	1.12	16.29
32.25	375.00	0.04	1.12	16.25
32.50	375.00	0.04	1.12	16.25
32.75	375.00	0.04	1.12	16.25
33.00	375.00	0.04	1.12	16.29
33.25	375.00	0.04	1.12	16.24
33.50	375.00	0.04	1.12	16.26
33.75	375.00	0.04	1.12	16.28
34.00	375.00	0.04	1.12	16.29
34.25	375.00	0.04	1.12	16.27
34.50	375.00	0.04	1.12	16.28
34.75	375.00	0.04	1.12	16.28
35.00	375.00	0.04	1.12	16.38
35.25	375.00	0.04	1.12	16.28
35.50	375.00	0.04	1.12	16.24
35.75	450.00	0.04	0.87	16.29
36.00	375.00	0.04	1.12	16.23
36.25	375.00	0.04	1.12	16.26
36.50	375.00	0.04	1.12	16.28
36.75	375.00	0.04	1.12	16.28
37.00	375.00	0.04	1.12	16.28
37.25	375.00	0.04	1.12	16.28
37.50	375.00	0.04	1.12	16.24
37.75	375.00	0.04	1.12	16.21
38.00	375.00	0.04	1.12	16.30
38.25	375.00	0.04	1.12	16.26
38.50	375.00	0.04	1.12	16.28
38.75	375.00	0.04	1.12	16.32
39.00	375.00	0.04	1.12	16.25
39.25	375.00	0.04	1.12	16.26
39.50	375.00	0.04	1.12	16.27
39.75	375.00	0.04	1.12	16.25
40.00	375.00	0.04	1.12	16.44
40.25	375.00	0.04	1.12	16.26
40.50	375.00	0.04	1.12	16.24
40.75	375.00	0.04	1.12	16.31
41.00	375.00	0.04	1.12	16.30
41.25	375.00	0.04	1.12	16.31
41.50	375.00	0.04	1.12	16.27
41.75	375.00	0.04	1.12	16.24
42.00	375.00	0.04	1.12	16.26
42.25	375.00	0.04	1.12	16.26
42.50	375.00	0.04	1.12	16.41
42.75	375.00	0.04	1.12	16.28
43.00	375.00	0.04	1.12	16.27
43.25	375.00	0.04	1.12	16.21
43.50	375.00	0.04	1.12	16.24
43.75	375.00	0.04	1.12	16.26
44.00	450.00	0.04	0.87	16.27
44.25	375.00	0.04	1.12	16.26
44.50	375.00	0.04	1.12	16.29
44.75	375.00	0.04	1.12	16.29
45.00	450.00	0.04	0.87	16.39
45.25	375.00	0.04	1.12	16.21
45.50	375.00	0.04	1.12	16.24
45.75	375.00	0.04	1.12	16.28
46.00	375.00	0.04	1.12	16.24
46.25	375.00	0.04	1.12	16.26
46.50	375.00	0.04	1.12	16.28
46.75	375.00	0.04	1.12	16.25
47.00	375.00	0.04	1.12	16.28
47.25	375.00	0.04	1.12	16.29
47.50	375.00	0.04	1.12	16.26
47.75	375.00	0.04	1.12	16.27
48.00	375.00	0.04	1.13	16.43
48.25	375.00	0.04	1.12	16.32
48.50	375.00	0.04	1.12	16.25
48.75	375.00	0.04	1.12	16.24

49.00	375.00	0.04	1.12	16.23
49.25	375.00	0.04	1.12	16.28
49.50	375.00	0.04	1.12	16.30
49.75	450.00	0.04	0.87	16.27
50.00	375.00	0.04	1.12	16.31
50.25	375.00	0.04	1.12	16.36
50.50	375.00	0.04	1.12	16.18
50.75	375.00	0.04	1.12	16.26
51.00	375.00	0.04	1.12	16.28
51.25	375.00	0.04	1.12	16.30
51.50	375.00	0.04	1.12	16.30
51.75	375.00	0.04	1.12	16.25
52.00	375.00	0.04	1.12	16.27
52.25	375.00	0.04	1.13	16.43
52.50	375.00	0.04	1.12	16.28
52.75	375.00	0.04	1.12	16.24
53.00	375.00	0.04	1.12	16.26
53.25	375.00	0.04	1.12	16.26
53.50	375.00	0.04	1.12	16.23
53.75	375.00	0.04	1.12	16.29
54.00	375.00	0.04	1.12	16.24
54.25	375.00	0.04	1.12	16.32
54.50	375.00	0.04	1.12	16.27
54.75	375.00	0.04	1.12	16.33
55.00	375.00	0.04	1.12	16.26
55.25	375.00	0.04	1.12	16.27
55.50	375.00	0.04	1.12	16.39
55.75	375.00	0.04	1.12	16.26
56.00	375.00	0.04	1.12	16.22
56.25	375.00	0.04	1.12	16.26
56.50	375.00	0.04	1.12	16.24
56.75	375.00	0.04	1.12	16.27
57.00	375.00	0.04	1.12	16.21
57.25	375.00	0.04	1.12	16.30
57.50	375.00	0.04	1.12	16.26
57.75	375.00	0.04	1.12	16.26
58.00	375.00	0.04	1.12	16.31
58.25	375.00	0.04	1.12	16.30
58.50	375.00	0.04	1.12	16.24
58.75	375.00	0.04	1.12	16.29
59.00	375.00	0.04	1.12	16.29
59.25	375.00	0.04	1.12	16.31
59.50	375.00	0.04	1.12	16.23
59.75	375.00	0.04	1.12	16.28
60.00	375.00	0.04	1.12	16.32
60.25	375.00	0.04	1.12	16.41
60.50	375.00	0.04	1.12	16.24
60.75	375.00	0.04	1.12	16.42
61.00	375.00	0.04	1.12	16.21
61.25	375.00	0.04	1.12	16.25
61.50	375.00	0.04	1.12	16.27
61.75	450.00	0.04	0.87	16.32
62.00	375.00	0.04	1.12	16.28
62.25	375.00	0.04	1.12	16.39
62.50	375.00	0.04	1.12	16.26
62.75	375.00	0.04	1.12	16.33
63.00	375.00	0.04	1.12	16.27
63.25	375.00	0.04	1.12	16.31
63.50	375.00	0.04	1.12	16.25
63.75	375.00	0.04	1.12	16.28
64.00	375.00	0.04	1.12	16.23
64.25	375.00	0.04	1.12	16.28
64.50	375.00	0.04	1.12	16.30
64.75	375.00	0.04	1.12	16.29
65.00	375.00	0.04	1.12	16.30
65.25	375.00	0.04	1.12	16.25
65.50	375.00	0.04	1.12	16.21
65.75	375.00	0.04	1.12	16.28
66.00	375.00	0.04	1.12	16.28
66.25	375.00	0.04	1.12	16.27
66.50	375.00	0.04	1.12	16.27
66.75	375.00	0.04	1.12	16.31
67.00	375.00	0.04	1.12	16.23
67.25	375.00	0.04	1.12	16.27
67.50	375.00	0.04	1.12	16.36
67.75	375.00	0.04	1.12	16.26
68.00	375.00	0.04	1.12	16.25
68.25	375.00	0.04	1.12	16.27
68.50	375.00	0.04	1.12	16.31
68.75	375.00	0.04	1.12	16.28
69.00	375.00	0.04	1.12	16.28
69.25	375.00	0.04	1.12	16.24
69.50	375.00	0.04	1.12	16.30
69.75	375.00	0.04	1.12	16.27
70.00	375.00	0.04	1.12	16.26
70.25	375.00	0.04	1.12	16.34
70.50	375.00	0.04	1.12	16.28
70.75	375.00	0.04	1.12	16.30
71.00	375.00	0.04	1.12	16.29
71.25	375.00	0.04	1.12	16.30
71.50	375.00	0.04	1.12	16.26
71.75	375.00	0.04	1.12	16.29
72.00	375.00	0.04	1.12	16.39

THE MAXIMUM DISCHARGE FROM CROSS SECTION 13 IS: 6.71 CFS AT TIME: 51.21 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 4.64 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 13

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00

0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00
13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	0.00
13.75	0.00	0.00	0.00	0.00
14.00	0.00	0.00	0.00	0.00
14.25	0.00	0.00	0.00	0.00
14.50	0.00	0.00	0.00	0.00
14.75	0.00	0.00	0.00	0.00
15.00	0.00	0.00	0.00	0.00
15.25	0.00	0.00	0.00	0.00
15.50	0.00	0.00	0.00	0.00
15.75	0.00	0.00	0.00	0.00
16.00	0.00	0.00	0.00	0.00
16.25	0.00	0.00	0.00	0.00
16.50	0.00	0.00	0.00	0.00
16.75	0.00	0.00	0.00	0.00
17.00	0.00	0.00	0.00	0.00
17.25	0.00	0.00	0.00	0.00
17.50	0.00	0.00	0.00	0.00
17.75	0.00	0.00	0.00	0.00
18.00	0.00	0.00	0.00	0.00
18.25	0.00	0.00	0.00	0.00
18.50	0.00	0.00	0.00	0.00
18.75	0.00	0.00	0.00	0.00
19.00	0.00	0.00	0.00	0.00
19.25	0.00	0.00	0.00	0.00
19.50	0.00	0.00	0.00	0.00
19.75	0.00	0.00	0.00	0.00
20.00	0.00	0.00	0.00	0.00
20.25	0.00	0.00	0.00	0.00
20.50	0.00	0.00	0.00	0.00
20.75	75.00	0.00	0.00	0.00
21.00	75.00	0.03	0.73	1.37
21.25	0.00	0.00	0.00	0.73
21.50	75.00	0.00	0.00	0.00
21.75	0.00	0.00	0.00	0.00
22.00	0.00	0.00	0.00	0.70
22.25	0.00	0.00	0.00	2.55
22.50	0.00	0.00	0.00	0.83
22.75	0.00	0.00	0.00	1.04
23.00	0.00	0.00	0.00	0.00
23.25	225.00	0.05	0.08	0.85
23.50	0.00	0.00	0.00	1.68
23.75	75.00	0.00	0.00	0.00
24.00	75.00	0.02	0.43	0.65
24.25	225.00	0.04	0.19	1.83
24.50	75.00	0.01	3.33	3.57
24.75	75.00	0.01	0.73	0.79
25.00	225.00	0.00	0.00	0.00
25.25	75.00	0.01	3.96	4.26
25.50	150.00	0.00	0.00	0.00
25.75	0.00	0.00	0.00	0.00
26.00	0.00	0.00	0.00	0.00
26.25	0.00	0.00	0.00	2.72
26.50	225.00	0.04	0.36	3.52
26.75	75.00	0.01	0.20	0.21
27.00	0.00	0.00	0.00	1.24

27.25	75.00	0.01	0.56	0.42
27.50	0.00	0.00	0.00	0.00
27.75	75.00	0.01	1.69	1.82
28.00	0.00	0.00	0.00	0.00
28.25	0.00	0.00	0.00	0.00
28.50	225.00	0.06	0.02	0.21
28.75	150.00	0.02	0.07	0.22
29.00	150.00	0.00	0.00	0.00
29.25	75.00	0.01	0.39	0.42
29.50	0.00	0.00	0.00	2.51
29.75	0.00	0.00	0.00	1.93
30.00	150.00	0.03	0.40	1.71
30.25	75.00	0.01	2.48	2.66
30.50	0.00	0.00	0.00	1.06
30.75	0.00	0.00	0.00	0.20
31.00	0.00	0.00	0.00	0.85
31.25	75.00	0.01	0.98	1.05
31.50	0.00	0.00	0.00	0.00
31.75	0.00	0.00	0.00	0.21
32.00	0.00	0.00	0.00	1.16
32.25	75.00	0.01	2.25	2.42
32.50	75.00	0.00	0.00	0.00
32.75	150.00	0.02	0.08	0.21
33.00	0.00	0.00	0.00	0.00
33.25	75.00	0.02	0.57	0.86
33.50	150.00	0.03	0.21	1.05
33.75	75.00	0.01	0.20	0.21
34.00	300.00	0.04	0.13	1.52
34.25	75.00	0.01	1.08	1.16
34.50	150.00	0.03	0.25	1.07
34.75	375.00	0.07	0.03	0.85
35.00	0.00	0.00	0.00	0.00
35.25	75.00	0.01	0.21	0.23
35.50	225.00	0.05	0.02	0.17
35.75	0.00	0.00	0.00	1.02
36.00	300.00	0.04	0.21	2.53
36.25	0.00	0.00	0.00	1.71
36.50	150.00	0.03	0.38	1.61
36.75	375.00	0.05	0.02	0.39
37.00	150.00	0.02	0.43	1.29
37.25	0.00	0.00	0.00	0.00
37.50	225.00	0.08	0.05	0.85
37.75	75.00	0.01	2.52	2.71
38.00	375.00	0.02	0.57	4.09
38.25	0.00	0.00	0.00	1.50
38.50	0.00	0.00	0.00	0.60
38.75	75.00	0.00	0.00	0.00
39.00	0.00	0.00	0.00	0.67
39.25	75.00	0.01	0.72	0.54
39.50	0.00	0.00	0.00	0.85
39.75	150.00	0.01	1.43	1.66
40.00	150.00	0.00	0.00	0.00
40.25	0.00	0.00	0.00	1.52
40.50	225.00	0.06	0.05	0.67
40.75	75.00	0.02	0.95	1.43
41.00	75.00	0.01	0.19	0.20
41.25	225.00	0.00	0.00	0.00
41.50	225.00	0.04	0.11	1.04
41.75	0.00	0.00	0.00	0.86
42.00	300.00	0.01	0.32	1.42
42.25	150.00	0.01	0.18	0.21
42.50	0.00	0.00	0.00	0.00
42.75	225.00	0.01	0.14	0.37
43.00	150.00	0.00	0.00	0.00
43.25	375.00	0.10	0.04	1.45
43.50	0.00	0.00	0.00	0.20
43.75	0.00	0.00	0.00	2.40
44.00	75.00	0.00	6.02	1.74
44.25	300.00	0.02	0.13	0.61
44.50	225.00	0.03	0.24	1.62
44.75	300.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	2.38
45.25	150.00	0.01	0.60	0.70
45.50	225.00	0.03	0.45	2.51
45.75	150.00	0.03	0.04	0.17
46.00	75.00	0.01	3.22	3.46
46.25	0.00	0.00	0.00	0.00
46.50	0.00	0.00	0.00	0.21
46.75	225.00	0.01	0.23	0.61
47.00	75.00	0.00	4.48	1.30
47.25	75.00	0.00	2.10	0.61
47.50	300.00	0.02	0.12	0.54
47.75	75.00	0.00	0.00	0.00
48.00	75.00	0.00	2.78	0.80
48.25	150.00	0.02	0.13	0.38
48.50	300.00	0.01	0.38	1.68
48.75	450.00	0.02	0.37	3.71
49.00	150.00	0.01	0.68	0.76
49.25	225.00	0.01	0.56	1.40
49.50	75.00	0.00	0.00	0.00
49.75	0.00	0.00	0.00	2.53
50.00	150.00	0.00	0.00	0.00
50.25	150.00	0.00	0.00	0.00
50.50	300.00	0.01	0.14	0.60
50.75	75.00	0.00	4.48	1.30
51.00	150.00	0.01	3.31	3.84
51.25	75.00	0.00	2.09	0.61
51.50	75.00	0.00	2.81	0.81
51.75	600.00	0.03	0.03	0.61
52.00	0.00	0.00	0.00	2.29
52.25	75.00	0.01	0.76	0.82
52.50	150.00	0.01	0.54	0.61
52.75	375.00	0.02	0.20	1.38
53.00	150.00	0.01	0.54	0.60
53.25	75.00	0.00	2.11	0.61
53.50	300.00	0.06	0.05	0.79

53.75	225.00	0.03	0.39	2.61
54.00	150.00	0.01	1.45	1.68
54.25	75.00	0.03	0.32	0.60
54.50	300.00	0.00	0.00	0.00
54.75	300.00	0.02	0.86	3.99
55.00	75.00	0.00	5.18	1.51
55.25	75.00	0.00	2.10	0.60
55.50	150.00	0.01	0.67	0.78
55.75	75.00	0.00	7.94	2.31
56.00	150.00	0.03	0.67	3.37
56.25	75.00	0.00	10.28	2.99
56.50	75.00	0.00	9.39	2.73
56.75	150.00	0.01	2.35	2.73
57.00	300.00	0.02	0.13	0.61
57.25	450.00	0.02	0.12	1.30
57.50	75.00	0.00	4.45	1.30
57.75	75.00	0.00	4.49	1.30
58.00	0.00	0.00	0.00	0.21
58.25	225.00	0.01	0.50	1.30
58.50	150.00	0.01	2.17	2.53
58.75	150.00	0.01	1.30	1.51
59.00	0.00	0.00	0.00	0.61
59.25	75.00	0.00	5.04	1.46
59.50	150.00	0.01	0.70	0.82
59.75	300.00	0.02	0.13	0.62
60.00	75.00	0.00	1.88	0.55
60.25	375.00	0.02	0.47	3.30
60.50	75.00	0.01	0.19	0.20
60.75	150.00	0.01	0.54	0.60
61.00	150.00	0.01	0.55	0.61
61.25	75.00	0.00	5.09	1.47
61.50	75.00	0.00	0.70	0.20
61.75	75.00	0.00	2.09	0.61
62.00	150.00	0.01	0.54	0.60
62.25	150.00	0.01	0.52	0.60
62.50	300.00	0.02	0.54	2.49
62.75	375.00	0.02	0.08	0.54
63.00	75.00	0.00	2.09	0.61
63.25	75.00	0.00	2.09	0.61
63.50	75.00	0.00	2.10	0.61
63.75	75.00	0.00	6.63	1.91
64.00	450.00	0.02	0.06	0.61
64.25	75.00	0.00	1.88	0.54
64.50	225.00	0.01	0.47	1.19
64.75	300.00	0.02	0.48	2.20
65.00	75.00	0.00	2.10	0.61
65.25	225.00	0.01	1.14	2.96
65.50	0.00	0.00	0.00	0.61
65.75	375.00	0.02	0.49	3.54
66.00	375.00	0.02	0.57	4.09
66.25	150.00	0.02	0.07	0.21
66.50	75.00	0.00	2.81	0.82
66.75	75.00	0.00	11.91	3.46
67.00	150.00	0.01	1.30	1.50
67.25	150.00	0.01	0.17	0.20
67.50	150.00	0.01	0.53	0.61
67.75	225.00	0.01	0.31	0.81
68.00	450.00	0.02	0.05	0.55
68.25	150.00	0.01	0.74	0.83
68.50	150.00	0.01	0.67	0.78
68.75	300.00	0.02	0.32	1.46
69.00	75.00	0.00	5.22	1.51
69.25	225.00	0.01	1.23	3.22
69.50	300.00	0.02	0.18	0.82
69.75	375.00	0.02	0.08	0.61
70.00	150.00	0.01	1.20	1.39
70.25	150.00	0.01	1.06	1.19
70.50	0.00	0.00	0.00	0.00
70.75	225.00	0.01	1.21	3.15
71.00	450.00	0.02	0.21	2.16
71.25	525.00	0.03	0.17	2.32
71.50	75.00	0.00	4.47	1.30
71.75	75.00	0.00	2.82	0.83
72.00	450.00	0.02	0.23	2.34

THE MAXIMUM DISCHARGE FROM CROSS SECTION 16 IS: 0.00 CFS AT TIME: 0.00 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 0.00 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 16

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00

5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00
13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	0.00
13.75	0.00	0.00	0.00	0.00
14.00	0.00	0.00	0.00	0.00
14.25	0.00	0.00	0.00	0.00
14.50	0.00	0.00	0.00	0.00
14.75	0.00	0.00	0.00	0.00
15.00	0.00	0.00	0.00	0.00
15.25	0.00	0.00	0.00	0.00
15.50	0.00	0.00	0.00	0.00
15.75	0.00	0.00	0.00	0.00
16.00	0.00	0.00	0.00	0.00
16.25	0.00	0.00	0.00	0.00
16.50	0.00	0.00	0.00	0.00
16.75	0.00	0.00	0.00	0.00
17.00	0.00	0.00	0.00	0.00
17.25	0.00	0.00	0.00	0.00
17.50	0.00	0.00	0.00	0.00
17.75	0.00	0.00	0.00	0.00
18.00	0.00	0.00	0.00	0.00
18.25	0.00	0.00	0.00	0.00
18.50	0.00	0.00	0.00	0.00
18.75	0.00	0.00	0.00	0.00
19.00	0.00	0.00	0.00	0.00
19.25	0.00	0.00	0.00	0.00
19.50	0.00	0.00	0.00	0.00
19.75	0.00	0.00	0.00	0.00
20.00	0.00	0.00	0.00	0.00
20.25	0.00	0.00	0.00	0.00
20.50	0.00	0.00	0.00	0.00
20.75	0.00	0.00	0.00	0.00
21.00	0.00	0.00	0.00	0.00
21.25	0.00	0.00	0.00	0.00
21.50	0.00	0.00	0.00	0.00
21.75	0.00	0.00	0.00	0.00
22.00	0.00	0.00	0.00	0.00
22.25	0.00	0.00	0.00	0.00
22.50	0.00	0.00	0.00	0.00
22.75	0.00	0.00	0.00	0.00
23.00	0.00	0.00	0.00	0.00
23.25	0.00	0.00	0.00	0.00
23.50	0.00	0.00	0.00	0.00
23.75	0.00	0.00	0.00	0.00
24.00	0.00	0.00	0.00	0.00
24.25	0.00	0.00	0.00	0.00
24.50	0.00	0.00	0.00	0.00
24.75	0.00	0.00	0.00	0.00
25.00	0.00	0.00	0.00	0.00
25.25	0.00	0.00	0.00	0.00
25.50	0.00	0.00	0.00	0.00
25.75	0.00	0.00	0.00	0.00
26.00	0.00	0.00	0.00	0.00
26.25	0.00	0.00	0.00	0.00
26.50	0.00	0.00	0.00	0.00
26.75	0.00	0.00	0.00	0.00
27.00	0.00	0.00	0.00	0.00
27.25	0.00	0.00	0.00	0.00
27.50	0.00	0.00	0.00	0.00
27.75	0.00	0.00	0.00	0.00
28.00	0.00	0.00	0.00	0.00
28.25	0.00	0.00	0.00	0.00
28.50	0.00	0.00	0.00	0.00
28.75	0.00	0.00	0.00	0.00
29.00	0.00	0.00	0.00	0.00
29.25	0.00	0.00	0.00	0.00
29.50	0.00	0.00	0.00	0.00
29.75	0.00	0.00	0.00	0.00
30.00	0.00	0.00	0.00	0.00
30.25	0.00	0.00	0.00	0.00
30.50	0.00	0.00	0.00	0.00
30.75	0.00	0.00	0.00	0.00
31.00	0.00	0.00	0.00	0.00
31.25	0.00	0.00	0.00	0.00
31.50	0.00	0.00	0.00	0.00
31.75	0.00	0.00	0.00	0.00
32.00	0.00	0.00	0.00	0.00

32.25	0.00	0.00	0.00	0.00
32.50	0.00	0.00	0.00	0.00
32.75	0.00	0.00	0.00	0.00
33.00	0.00	0.00	0.00	0.00
33.25	0.00	0.00	0.00	0.00
33.50	0.00	0.00	0.00	0.00
33.75	0.00	0.00	0.00	0.00
34.00	0.00	0.00	0.00	0.00
34.25	0.00	0.00	0.00	0.00
34.50	0.00	0.00	0.00	0.00
34.75	0.00	0.00	0.00	0.00
35.00	0.00	0.00	0.00	0.00
35.25	0.00	0.00	0.00	0.00
35.50	0.00	0.00	0.00	0.00
35.75	0.00	0.00	0.00	0.00
36.00	0.00	0.00	0.00	0.00
36.25	0.00	0.00	0.00	0.00
36.50	0.00	0.00	0.00	0.00
36.75	0.00	0.00	0.00	0.00
37.00	0.00	0.00	0.00	0.00
37.25	0.00	0.00	0.00	0.00
37.50	0.00	0.00	0.00	0.00
37.75	0.00	0.00	0.00	0.00
38.00	0.00	0.00	0.00	0.00
38.25	0.00	0.00	0.00	0.00
38.50	0.00	0.00	0.00	0.00
38.75	0.00	0.00	0.00	0.00
39.00	0.00	0.00	0.00	0.00
39.25	0.00	0.00	0.00	0.00
39.50	0.00	0.00	0.00	0.00
39.75	0.00	0.00	0.00	0.00
40.00	0.00	0.00	0.00	0.00
40.25	0.00	0.00	0.00	0.00
40.50	0.00	0.00	0.00	0.00
40.75	0.00	0.00	0.00	0.00
41.00	0.00	0.00	0.00	0.00
41.25	0.00	0.00	0.00	0.00
41.50	0.00	0.00	0.00	0.00
41.75	0.00	0.00	0.00	0.00
42.00	0.00	0.00	0.00	0.00
42.25	0.00	0.00	0.00	0.00
42.50	0.00	0.00	0.00	0.00
42.75	0.00	0.00	0.00	0.00
43.00	0.00	0.00	0.00	0.00
43.25	0.00	0.00	0.00	0.00
43.50	0.00	0.00	0.00	0.00
43.75	0.00	0.00	0.00	0.00
44.00	0.00	0.00	0.00	0.00
44.25	0.00	0.00	0.00	0.00
44.50	0.00	0.00	0.00	0.00
44.75	0.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	0.00
45.25	0.00	0.00	0.00	0.00
45.50	0.00	0.00	0.00	0.00
45.75	0.00	0.00	0.00	0.00
46.00	0.00	0.00	0.00	0.00
46.25	0.00	0.00	0.00	0.00
46.50	0.00	0.00	0.00	0.00
46.75	0.00	0.00	0.00	0.00
47.00	0.00	0.00	0.00	0.00
47.25	0.00	0.00	0.00	0.00
47.50	0.00	0.00	0.00	0.00
47.75	0.00	0.00	0.00	0.00
48.00	0.00	0.00	0.00	0.00
48.25	0.00	0.00	0.00	0.00
48.50	0.00	0.00	0.00	0.00
48.75	0.00	0.00	0.00	0.00
49.00	0.00	0.00	0.00	0.00
49.25	0.00	0.00	0.00	0.00
49.50	0.00	0.00	0.00	0.00
49.75	0.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	0.00
50.25	0.00	0.00	0.00	0.00
50.50	0.00	0.00	0.00	0.00
50.75	0.00	0.00	0.00	0.00
51.00	0.00	0.00	0.00	0.00
51.25	0.00	0.00	0.00	0.00
51.50	0.00	0.00	0.00	0.00
51.75	0.00	0.00	0.00	0.00
52.00	0.00	0.00	0.00	0.00
52.25	0.00	0.00	0.00	0.00
52.50	0.00	0.00	0.00	0.00
52.75	0.00	0.00	0.00	0.00
53.00	0.00	0.00	0.00	0.00
53.25	0.00	0.00	0.00	0.00
53.50	0.00	0.00	0.00	0.00
53.75	0.00	0.00	0.00	0.00
54.00	0.00	0.00	0.00	0.00
54.25	0.00	0.00	0.00	0.00
54.50	0.00	0.00	0.00	0.00
54.75	0.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	0.00
55.25	0.00	0.00	0.00	0.00
55.50	0.00	0.00	0.00	0.00
55.75	0.00	0.00	0.00	0.00
56.00	0.00	0.00	0.00	0.00
56.25	0.00	0.00	0.00	0.00
56.50	0.00	0.00	0.00	0.00
56.75	0.00	0.00	0.00	0.00
57.00	0.00	0.00	0.00	0.00
57.25	0.00	0.00	0.00	0.00
57.50	0.00	0.00	0.00	0.00
57.75	0.00	0.00	0.00	0.00
58.00	0.00	0.00	0.00	0.00
58.25	0.00	0.00	0.00	0.00
58.50	0.00	0.00	0.00	0.00

58.75	0.00	0.00	0.00	0.00
59.00	0.00	0.00	0.00	0.00
59.25	0.00	0.00	0.00	0.00
59.50	0.00	0.00	0.00	0.00
59.75	0.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	0.00
60.25	0.00	0.00	0.00	0.00
60.50	0.00	0.00	0.00	0.00
60.75	0.00	0.00	0.00	0.00
61.00	0.00	0.00	0.00	0.00
61.25	0.00	0.00	0.00	0.00
61.50	0.00	0.00	0.00	0.00
61.75	0.00	0.00	0.00	0.00
62.00	0.00	0.00	0.00	0.00
62.25	0.00	0.00	0.00	0.00
62.50	0.00	0.00	0.00	0.00
62.75	0.00	0.00	0.00	0.00
63.00	0.00	0.00	0.00	0.00
63.25	0.00	0.00	0.00	0.00
63.50	0.00	0.00	0.00	0.00
63.75	0.00	0.00	0.00	0.00
64.00	0.00	0.00	0.00	0.00
64.25	0.00	0.00	0.00	0.00
64.50	0.00	0.00	0.00	0.00
64.75	0.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	0.00
65.25	0.00	0.00	0.00	0.00
65.50	0.00	0.00	0.00	0.00
65.75	0.00	0.00	0.00	0.00
66.00	0.00	0.00	0.00	0.00
66.25	0.00	0.00	0.00	0.00
66.50	0.00	0.00	0.00	0.00
66.75	0.00	0.00	0.00	0.00
67.00	0.00	0.00	0.00	0.00
67.25	0.00	0.00	0.00	0.00
67.50	0.00	0.00	0.00	0.00
67.75	0.00	0.00	0.00	0.00
68.00	0.00	0.00	0.00	0.00
68.25	0.00	0.00	0.00	0.00
68.50	0.00	0.00	0.00	0.00
68.75	0.00	0.00	0.00	0.00
69.00	0.00	0.00	0.00	0.00
69.25	0.00	0.00	0.00	0.00
69.50	0.00	0.00	0.00	0.00
69.75	0.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	0.00
70.25	0.00	0.00	0.00	0.00
70.50	0.00	0.00	0.00	0.00
70.75	0.00	0.00	0.00	0.00
71.00	0.00	0.00	0.00	0.00
71.25	0.00	0.00	0.00	0.00
71.50	0.00	0.00	0.00	0.00
71.75	0.00	0.00	0.00	0.00
72.00	0.00	0.00	0.00	0.00

THE MAXIMUM DISCHARGE FROM CROSS SECTION 25 IS: 16.47 CFS AT TIME: 18.81 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 2.22 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 25

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00

10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00
13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	0.00
13.75	0.00	0.00	0.00	0.00
14.00	0.00	0.00	0.00	0.00
14.25	0.00	0.00	0.00	0.00
14.50	0.00	0.00	0.00	0.00
14.75	0.00	0.00	0.00	0.00
15.00	0.00	0.00	0.00	0.00
15.25	0.00	0.00	0.00	0.00
15.50	0.00	0.00	0.00	0.00
15.75	0.00	0.00	0.00	0.00
16.00	0.00	0.00	0.00	0.00
16.25	0.00	0.00	0.00	0.00
16.50	0.00	0.00	0.00	0.00
16.75	0.00	0.00	0.00	0.00
17.00	0.00	0.00	0.00	0.00
17.25	0.00	0.00	0.00	0.00
17.50	0.00	0.00	0.00	0.00
17.75	0.00	0.00	0.00	0.00
18.00	525.00	0.04	0.19	3.57
18.25	900.00	0.07	0.17	10.24
18.50	1050.00	0.08	0.12	9.70
18.75	825.00	0.06	0.20	10.70
19.00	750.00	0.06	0.26	11.58
19.25	825.00	0.06	0.21	10.53
19.50	525.00	0.04	0.34	7.61
19.75	225.00	0.02	1.14	5.24
20.00	375.00	0.02	0.20	1.91
20.25	300.00	0.02	0.31	1.87
20.50	300.00	0.02	0.72	4.06
20.75	300.00	0.02	0.38	2.11
21.00	150.00	0.01	0.71	1.20
21.25	75.00	0.00	1.52	0.52
21.50	150.00	0.00	0.00	0.00
21.75	225.00	0.02	0.37	1.40
22.00	300.00	0.00	0.00	0.00
22.25	450.00	0.03	0.65	8.77
22.50	600.00	0.04	0.17	4.04
22.75	225.00	0.01	0.57	1.87
23.00	75.00	0.01	2.13	0.89
23.25	0.00	0.00	0.00	0.00
23.50	75.00	0.01	0.93	0.39
23.75	225.00	0.01	0.51	1.58
24.00	225.00	0.01	0.13	0.39
24.25	375.00	0.02	0.29	2.49
24.50	0.00	0.00	0.00	0.38
24.75	0.00	0.00	0.00	0.00
25.00	225.00	0.02	0.10	0.39
25.25	450.00	0.03	0.20	2.44
25.50	450.00	0.03	0.22	2.75
25.75	0.00	0.00	0.00	0.00
26.00	0.00	0.00	0.00	4.83
26.25	0.00	0.00	0.00	0.00
26.50	0.00	0.00	0.00	0.00
26.75	0.00	0.00	0.00	0.00
27.00	0.00	0.00	0.00	0.00
27.25	0.00	0.00	0.00	0.00
27.50	0.00	0.00	0.00	0.00
27.75	0.00	0.00	0.00	0.00
28.00	0.00	0.00	0.00	0.00
28.25	0.00	0.00	0.00	0.00
28.50	0.00	0.00	0.00	0.00
28.75	0.00	0.00	0.00	0.00
29.00	0.00	0.00	0.00	0.00
29.25	0.00	0.00	0.00	0.00
29.50	0.00	0.00	0.00	0.00
29.75	0.00	0.00	0.00	0.00
30.00	0.00	0.00	0.00	0.00
30.25	0.00	0.00	0.00	0.00
30.50	0.00	0.00	0.00	0.00
30.75	0.00	0.00	0.00	0.00
31.00	0.00	0.00	0.00	0.00
31.25	0.00	0.00	0.00	0.00
31.50	0.00	0.00	0.00	0.00
31.75	0.00	0.00	0.00	0.00
32.00	0.00	0.00	0.00	0.00
32.25	0.00	0.00	0.00	0.00
32.50	0.00	0.00	0.00	0.00
32.75	0.00	0.00	0.00	0.00
33.00	0.00	0.00	0.00	0.00
33.25	0.00	0.00	0.00	0.00
33.50	0.00	0.00	0.00	0.00
33.75	0.00	0.00	0.00	0.00
34.00	0.00	0.00	0.00	0.00
34.25	0.00	0.00	0.00	0.00
34.50	0.00	0.00	0.00	0.00
34.75	0.00	0.00	0.00	0.00
35.00	0.00	0.00	0.00	0.00
35.25	0.00	0.00	0.00	0.00
35.50	0.00	0.00	0.00	0.00
35.75	0.00	0.00	0.00	0.00
36.00	0.00	0.00	0.00	0.00
36.25	0.00	0.00	0.00	0.00
36.50	0.00	0.00	0.00	0.00
36.75	0.00	0.00	0.00	0.00
37.00	0.00	0.00	0.00	0.00

37.25	0.00	0.00	0.00	0.00
37.50	0.00	0.00	0.00	0.00
37.75	0.00	0.00	0.00	0.00
38.00	0.00	0.00	0.00	0.00
38.25	0.00	0.00	0.00	0.00
38.50	0.00	0.00	0.00	0.00
38.75	0.00	0.00	0.00	0.00
39.00	0.00	0.00	0.00	0.00
39.25	0.00	0.00	0.00	0.00
39.50	0.00	0.00	0.00	0.00
39.75	0.00	0.00	0.00	0.00
40.00	0.00	0.00	0.00	0.00
40.25	0.00	0.00	0.00	0.00
40.50	0.00	0.00	0.00	0.00
40.75	0.00	0.00	0.00	0.00
41.00	0.00	0.00	0.00	0.00
41.25	0.00	0.00	0.00	0.00
41.50	0.00	0.00	0.00	0.00
41.75	0.00	0.00	0.00	0.00
42.00	0.00	0.00	0.00	0.00
42.25	0.00	0.00	0.00	0.00
42.50	0.00	0.00	0.00	0.00
42.75	0.00	0.00	0.00	0.00
43.00	0.00	0.00	0.00	0.00
43.25	0.00	0.00	0.00	0.00
43.50	0.00	0.00	0.00	0.00
43.75	0.00	0.00	0.00	0.00
44.00	0.00	0.00	0.00	0.00
44.25	0.00	0.00	0.00	0.00
44.50	0.00	0.00	0.00	0.00
44.75	0.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	0.00
45.25	0.00	0.00	0.00	0.00
45.50	0.00	0.00	0.00	0.00
45.75	0.00	0.00	0.00	0.00
46.00	0.00	0.00	0.00	0.00
46.25	0.00	0.00	0.00	0.00
46.50	0.00	0.00	0.00	0.00
46.75	0.00	0.00	0.00	0.00
47.00	0.00	0.00	0.00	0.00
47.25	0.00	0.00	0.00	0.00
47.50	0.00	0.00	0.00	0.00
47.75	0.00	0.00	0.00	0.00
48.00	0.00	0.00	0.00	0.00
48.25	0.00	0.00	0.00	0.00
48.50	0.00	0.00	0.00	0.00
48.75	0.00	0.00	0.00	0.00
49.00	0.00	0.00	0.00	0.00
49.25	0.00	0.00	0.00	0.00
49.50	0.00	0.00	0.00	0.00
49.75	0.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	0.00
50.25	0.00	0.00	0.00	0.00
50.50	0.00	0.00	0.00	0.00
50.75	0.00	0.00	0.00	0.00
51.00	0.00	0.00	0.00	0.00
51.25	0.00	0.00	0.00	0.00
51.50	0.00	0.00	0.00	0.00
51.75	0.00	0.00	0.00	0.00
52.00	0.00	0.00	0.00	0.00
52.25	0.00	0.00	0.00	0.00
52.50	0.00	0.00	0.00	0.00
52.75	0.00	0.00	0.00	0.00
53.00	0.00	0.00	0.00	0.00
53.25	0.00	0.00	0.00	0.00
53.50	0.00	0.00	0.00	0.00
53.75	0.00	0.00	0.00	0.00
54.00	0.00	0.00	0.00	0.00
54.25	0.00	0.00	0.00	0.00
54.50	0.00	0.00	0.00	0.00
54.75	0.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	0.00
55.25	0.00	0.00	0.00	0.00
55.50	0.00	0.00	0.00	0.00
55.75	0.00	0.00	0.00	0.00
56.00	0.00	0.00	0.00	0.00
56.25	0.00	0.00	0.00	0.00
56.50	0.00	0.00	0.00	0.00
56.75	0.00	0.00	0.00	0.00
57.00	0.00	0.00	0.00	0.00
57.25	0.00	0.00	0.00	0.00
57.50	0.00	0.00	0.00	0.00
57.75	0.00	0.00	0.00	0.00
58.00	0.00	0.00	0.00	0.00
58.25	0.00	0.00	0.00	0.00
58.50	0.00	0.00	0.00	0.00
58.75	0.00	0.00	0.00	0.00
59.00	0.00	0.00	0.00	0.00
59.25	0.00	0.00	0.00	0.00
59.50	0.00	0.00	0.00	0.00
59.75	0.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	0.00
60.25	0.00	0.00	0.00	0.00
60.50	0.00	0.00	0.00	0.00
60.75	0.00	0.00	0.00	0.00
61.00	0.00	0.00	0.00	0.00
61.25	0.00	0.00	0.00	0.00
61.50	0.00	0.00	0.00	0.00
61.75	0.00	0.00	0.00	0.00
62.00	0.00	0.00	0.00	0.00
62.25	0.00	0.00	0.00	0.00
62.50	0.00	0.00	0.00	0.00
62.75	0.00	0.00	0.00	0.00
63.00	0.00	0.00	0.00	0.00
63.25	0.00	0.00	0.00	0.00
63.50	0.00	0.00	0.00	0.00

63.75	0.00	0.00	0.00	0.00
64.00	0.00	0.00	0.00	0.00
64.25	0.00	0.00	0.00	0.00
64.50	0.00	0.00	0.00	0.00
64.75	0.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	0.00
65.25	0.00	0.00	0.00	0.00
65.50	0.00	0.00	0.00	0.00
65.75	0.00	0.00	0.00	0.00
66.00	0.00	0.00	0.00	0.00
66.25	0.00	0.00	0.00	0.00
66.50	0.00	0.00	0.00	0.00
66.75	0.00	0.00	0.00	0.00
67.00	0.00	0.00	0.00	0.00
67.25	0.00	0.00	0.00	0.00
67.50	0.00	0.00	0.00	0.00
67.75	0.00	0.00	0.00	0.00
68.00	0.00	0.00	0.00	0.00
68.25	0.00	0.00	0.00	0.00
68.50	0.00	0.00	0.00	0.00
68.75	0.00	0.00	0.00	0.00
69.00	0.00	0.00	0.00	0.00
69.25	0.00	0.00	0.00	0.00
69.50	0.00	0.00	0.00	0.00
69.75	0.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	0.00
70.25	0.00	0.00	0.00	0.00
70.50	0.00	0.00	0.00	0.00
70.75	0.00	0.00	0.00	0.00
71.00	0.00	0.00	0.00	0.00
71.25	0.00	0.00	0.00	0.00
71.50	0.00	0.00	0.00	0.00
71.75	0.00	0.00	0.00	0.00
72.00	0.00	0.00	0.00	0.00

THE MAXIMUM DISCHARGE FROM CROSS SECTION 28 IS: 670.65 CFS AT TIME: 17.96 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 299.52 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 28

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00
13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	0.00
13.75	0.00	0.00	0.00	0.00
14.00	0.00	0.00	0.00	0.00
14.25	0.00	0.00	0.00	0.00
14.50	0.00	0.00	0.00	0.00
14.75	0.00	0.00	0.00	0.00
15.00	0.00	0.00	0.00	0.00
15.25	0.00	0.00	0.00	0.00
15.50	0.00	0.00	0.00	0.00

15.75	0.00	0.00	0.00	0.00
16.00	0.00	0.00	0.00	0.00
16.25	0.00	0.00	0.00	0.00
16.50	0.00	0.00	0.00	0.00
16.75	0.00	0.00	0.00	0.00
17.00	225.00	0.18	8.41	341.91
17.25	600.00	0.43	2.11	549.57
17.50	825.00	0.48	1.57	618.67
17.75	900.00	0.51	1.43	654.24
18.00	900.00	0.51	1.42	655.30
18.25	825.00	0.54	1.43	639.75
18.50	825.00	0.53	1.41	620.51
18.75	825.00	0.52	1.38	586.98
19.00	900.00	0.46	1.31	545.16
19.25	825.00	0.47	1.31	510.05
19.50	750.00	0.44	1.45	482.28
19.75	825.00	0.40	1.37	447.41
20.00	900.00	0.39	1.20	416.65
20.25	825.00	0.36	1.32	389.87
20.50	825.00	0.34	1.28	361.09
20.75	900.00	0.33	1.12	337.17
21.00	600.00	0.31	1.69	314.49
21.25	750.00	0.31	1.22	288.30
21.50	750.00	0.28	1.31	272.65
21.75	675.00	0.29	1.37	271.81
22.00	675.00	0.29	1.36	268.34
22.25	825.00	0.28	1.09	251.49
22.50	750.00	0.29	1.12	241.01
22.75	600.00	0.26	1.47	229.38
23.00	825.00	0.28	0.93	214.16
23.25	825.00	0.25	0.97	198.43
23.50	675.00	0.24	1.13	187.01
23.75	750.00	0.25	0.95	177.97
24.00	750.00	0.24	0.96	172.22
24.25	675.00	0.22	1.08	161.70
24.50	675.00	0.21	1.07	154.34
24.75	750.00	0.21	0.89	143.51
25.00	750.00	0.19	0.97	134.96
25.25	600.00	0.18	1.18	127.09
25.50	750.00	0.18	0.88	116.86
25.75	675.00	0.18	0.94	111.62
26.00	600.00	0.16	1.07	104.62
26.25	675.00	0.15	0.98	100.75
26.50	600.00	0.15	1.05	94.68
26.75	525.00	0.14	1.28	92.33
27.00	600.00	0.14	1.00	85.59
27.25	600.00	0.14	0.97	81.40
27.50	375.00	0.11	1.95	80.16
27.75	600.00	0.13	0.93	74.41
28.00	375.00	0.10	1.89	73.32
28.25	375.00	0.10	1.89	70.66
28.50	375.00	0.10	1.88	68.59
28.75	375.00	0.10	1.83	66.11
29.00	450.00	0.10	1.40	65.65
29.25	300.00	0.09	2.48	63.19
29.50	525.00	0.11	1.08	63.23
29.75	450.00	0.10	1.31	59.18
30.00	525.00	0.11	1.04	58.62
30.25	450.00	0.10	1.26	55.09
30.50	375.00	0.09	1.66	53.24
30.75	375.00	0.08	1.65	51.37
31.00	300.00	0.07	2.19	46.99
31.25	375.00	0.08	1.52	44.43
31.50	300.00	0.07	2.18	43.23
31.75	375.00	0.07	1.45	39.75
32.00	300.00	0.06	2.06	38.86
32.25	375.00	0.07	1.39	36.76
32.50	300.00	0.06	1.96	35.23
32.75	300.00	0.06	1.87	32.53
33.00	300.00	0.06	1.75	30.12
33.25	225.00	0.05	2.74	29.13
33.50	300.00	0.06	1.70	28.35
33.75	300.00	0.05	1.58	25.76
34.00	150.00	0.04	4.13	22.47
34.25	225.00	0.05	2.14	21.70
34.50	225.00	0.05	2.09	21.32
34.75	225.00	0.05	2.07	21.00
35.00	225.00	0.04	1.89	18.98
35.25	300.00	0.05	1.20	18.97
35.50	150.00	0.03	3.30	16.98
35.75	150.00	0.03	3.33	16.82
36.00	300.00	0.05	0.99	15.15
36.25	225.00	0.04	1.74	16.18
36.50	300.00	0.05	0.95	13.64
36.75	150.00	0.03	2.93	12.40
37.00	150.00	0.03	2.70	11.14
37.25	150.00	0.03	2.68	10.84
37.50	300.00	0.04	0.84	11.16
37.75	225.00	0.03	1.27	9.99
38.00	150.00	0.03	2.06	7.78
38.25	225.00	0.03	1.12	8.52
38.50	150.00	0.02	2.03	7.29
38.75	75.00	0.01	8.51	7.47
39.00	150.00	0.02	2.59	7.43
39.25	225.00	0.03	1.07	6.73
39.50	150.00	0.02	2.27	6.36
39.75	150.00	0.02	2.21	6.11
40.00	75.00	0.01	8.27	6.21
40.25	150.00	0.02	2.10	5.74
40.50	75.00	0.01	5.73	4.33
40.75	0.00	0.00	0.00	4.90
41.00	150.00	0.02	1.26	3.44
41.25	150.00	0.02	1.03	2.82
41.50	75.00	0.01	3.44	2.35
41.75	75.00	0.01	3.33	2.28
42.00	75.00	0.01	2.99	2.25

42.25	75.00	0.01	2.87	2.16
42.50	0.00	0.00	0.00	1.81
42.75	75.00	0.01	2.43	1.66
43.00	0.00	0.00	0.00	1.57
43.25	75.00	0.01	0.51	0.35
43.50	0.00	0.00	0.00	1.57
43.75	0.00	0.00	0.00	0.00
44.00	75.00	0.01	1.16	0.87
44.25	0.00	0.00	0.00	0.39
44.50	0.00	0.00	0.00	0.00
44.75	0.00	0.00	0.00	0.00
45.00	75.00	0.01	2.30	1.57
45.25	0.00	0.00	0.00	0.00
45.50	0.00	0.00	0.00	0.00
45.75	0.00	0.00	0.00	0.00
46.00	0.00	0.00	0.00	0.00
46.25	0.00	0.00	0.00	0.00
46.50	0.00	0.00	0.00	0.00
46.75	0.00	0.00	0.00	0.00
47.00	0.00	0.00	0.00	0.00
47.25	0.00	0.00	0.00	0.00
47.50	0.00	0.00	0.00	0.00
47.75	0.00	0.00	0.00	0.00
48.00	0.00	0.00	0.00	0.00
48.25	0.00	0.00	0.00	0.00
48.50	0.00	0.00	0.00	0.00
48.75	0.00	0.00	0.00	0.00
49.00	0.00	0.00	0.00	0.00
49.25	0.00	0.00	0.00	0.00
49.50	75.00	0.01	0.70	0.47
49.75	0.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	0.00
50.25	0.00	0.00	0.00	0.00
50.50	75.00	0.00	0.00	0.00
50.75	0.00	0.00	0.00	0.00
51.00	0.00	0.00	0.00	0.00
51.25	0.00	0.00	0.00	0.82
51.50	0.00	0.00	0.00	0.00
51.75	0.00	0.00	0.00	0.00
52.00	0.00	0.00	0.00	0.00
52.25	0.00	0.00	0.00	0.00
52.50	0.00	0.00	0.00	0.00
52.75	0.00	0.00	0.00	0.00
53.00	0.00	0.00	0.00	0.00
53.25	0.00	0.00	0.00	0.00
53.50	0.00	0.00	0.00	0.00
53.75	0.00	0.00	0.00	0.00
54.00	0.00	0.00	0.00	0.00
54.25	0.00	0.00	0.00	0.00
54.50	0.00	0.00	0.00	0.00
54.75	0.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	0.00
55.25	0.00	0.00	0.00	0.00
55.50	0.00	0.00	0.00	0.00
55.75	0.00	0.00	0.00	0.00
56.00	0.00	0.00	0.00	0.00
56.25	0.00	0.00	0.00	0.00
56.50	0.00	0.00	0.00	0.00
56.75	0.00	0.00	0.00	0.00
57.00	0.00	0.00	0.00	0.00
57.25	0.00	0.00	0.00	0.00
57.50	0.00	0.00	0.00	0.00
57.75	0.00	0.00	0.00	0.00
58.00	0.00	0.00	0.00	0.00
58.25	0.00	0.00	0.00	0.00
58.50	0.00	0.00	0.00	0.00
58.75	0.00	0.00	0.00	0.00
59.00	0.00	0.00	0.00	0.00
59.25	0.00	0.00	0.00	0.00
59.50	0.00	0.00	0.00	0.00
59.75	0.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	0.00
60.25	0.00	0.00	0.00	0.00
60.50	0.00	0.00	0.00	0.00
60.75	0.00	0.00	0.00	0.00
61.00	0.00	0.00	0.00	0.00
61.25	0.00	0.00	0.00	0.00
61.50	0.00	0.00	0.00	0.00
61.75	0.00	0.00	0.00	0.00
62.00	0.00	0.00	0.00	0.00
62.25	0.00	0.00	0.00	0.00
62.50	0.00	0.00	0.00	0.00
62.75	0.00	0.00	0.00	0.00
63.00	0.00	0.00	0.00	0.00
63.25	0.00	0.00	0.00	0.00
63.50	0.00	0.00	0.00	0.00
63.75	0.00	0.00	0.00	0.00
64.00	0.00	0.00	0.00	0.00
64.25	0.00	0.00	0.00	0.00
64.50	0.00	0.00	0.00	0.00
64.75	0.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	0.00
65.25	0.00	0.00	0.00	0.00
65.50	0.00	0.00	0.00	0.00
65.75	0.00	0.00	0.00	0.00
66.00	0.00	0.00	0.00	0.00
66.25	0.00	0.00	0.00	0.00
66.50	0.00	0.00	0.00	0.00
66.75	0.00	0.00	0.00	0.00
67.00	0.00	0.00	0.00	0.00
67.25	0.00	0.00	0.00	0.00
67.50	0.00	0.00	0.00	0.00
67.75	0.00	0.00	0.00	0.00
68.00	0.00	0.00	0.00	0.00
68.25	0.00	0.00	0.00	0.00
68.50	0.00	0.00	0.00	0.00

68.75	0.00	0.00	0.00	0.00
69.00	0.00	0.00	0.00	0.00
69.25	0.00	0.00	0.00	0.00
69.50	0.00	0.00	0.00	0.00
69.75	0.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	0.00
70.25	0.00	0.00	0.00	0.00
70.50	0.00	0.00	0.00	0.00
70.75	0.00	0.00	0.00	0.00
71.00	0.00	0.00	0.00	0.00
71.25	0.00	0.00	0.00	0.00
71.50	0.00	0.00	0.00	0.00
71.75	0.00	0.00	0.00	0.00
72.00	0.00	0.00	0.00	0.00

THE MAXIMUM DISCHARGE FROM CROSS SECTION 30 IS: 119.31 CFS AT TIME: 18.89 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 46.76 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 30

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00
13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	0.00
13.75	0.00	0.00	0.00	0.00
14.00	0.00	0.00	0.00	0.00
14.25	0.00	0.00	0.00	0.00
14.50	0.00	0.00	0.00	0.00
14.75	0.00	0.00	0.00	0.00
15.00	0.00	0.00	0.00	0.00
15.25	0.00	0.00	0.00	0.00
15.50	0.00	0.00	0.00	0.00
15.75	0.00	0.00	0.00	0.00
16.00	0.00	0.00	0.00	0.00
16.25	0.00	0.00	0.00	0.00
16.50	0.00	0.00	0.00	0.00
16.75	0.00	0.00	0.00	0.00
17.00	0.00	0.00	0.00	0.00
17.25	0.00	0.00	0.00	0.00
17.50	0.00	0.00	0.00	0.00
17.75	0.00	0.00	0.00	0.00
18.00	0.00	0.00	0.00	0.00
18.25	300.00	0.09	1.68	44.61
18.50	375.00	0.15	1.85	102.67
18.75	450.00	0.17	1.55	115.77
19.00	300.00	0.15	2.61	118.18
19.25	450.00	0.16	1.53	112.45
19.50	375.00	0.15	1.88	106.04
19.75	600.00	0.17	0.97	97.44
20.00	450.00	0.15	1.35	90.32
20.25	375.00	0.14	1.65	85.23
20.50	375.00	0.13	1.55	77.73

20.75	375.00	0.13	1.48	71.70
21.00	375.00	0.12	1.45	67.04
21.25	375.00	0.12	1.40	61.80
21.50	300.00	0.10	1.86	57.25
21.75	300.00	0.10	1.76	52.27
22.00	300.00	0.10	1.71	48.87
22.25	375.00	0.10	1.25	47.13
22.50	375.00	0.10	1.24	45.84
22.75	300.00	0.09	1.62	43.45
23.00	375.00	0.10	1.20	43.11
23.25	300.00	0.09	1.59	40.77
23.50	300.00	0.08	1.55	38.94
23.75	300.00	0.08	1.48	35.98
24.00	300.00	0.08	1.47	34.23
24.25	375.00	0.08	1.06	32.81
24.50	225.00	0.06	2.02	29.55
24.75	225.00	0.06	2.00	28.17
25.00	225.00	0.06	1.92	26.17
25.25	225.00	0.06	1.83	24.25
25.50	225.00	0.06	1.79	23.23
25.75	300.00	0.06	1.15	21.75
26.00	375.00	0.07	0.82	21.17
26.25	225.00	0.05	1.65	19.07
26.50	225.00	0.05	1.50	17.04
26.75	225.00	0.05	1.37	15.41
27.00	225.00	0.05	1.36	15.29
27.25	225.00	0.05	1.34	14.85
27.50	225.00	0.05	1.25	13.43
27.75	225.00	0.05	1.13	11.85
28.00	225.00	0.05	1.12	11.47
28.25	225.00	0.05	1.01	10.72
28.50	225.00	0.05	0.99	10.85
28.75	225.00	0.05	0.98	10.68
29.00	225.00	0.05	0.97	10.34
29.25	225.00	0.05	0.96	9.99
29.50	225.00	0.05	0.95	9.68
29.75	225.00	0.04	0.94	9.43
30.00	225.00	0.04	0.94	9.18
30.25	225.00	0.04	0.93	8.98
30.50	225.00	0.04	0.92	8.83
30.75	225.00	0.04	0.91	8.66
31.00	225.00	0.04	0.91	8.45
31.25	225.00	0.04	0.89	8.16
31.50	225.00	0.04	0.88	7.90
31.75	225.00	0.04	0.87	7.76
32.00	225.00	0.04	0.87	7.60
32.25	225.00	0.04	0.81	6.95
32.50	225.00	0.04	0.88	7.38
32.75	225.00	0.04	0.83	6.81
33.00	225.00	0.04	0.77	6.05
33.25	225.00	0.03	0.85	6.58
33.50	225.00	0.03	0.71	5.39
33.75	225.00	0.03	0.85	6.36
34.00	225.00	0.03	0.67	4.91
34.25	225.00	0.03	0.67	4.84
34.50	225.00	0.03	0.67	4.78
34.75	225.00	0.03	0.66	4.72
35.00	150.00	0.03	1.20	4.58
35.25	225.00	0.03	0.38	2.60
35.50	225.00	0.03	0.64	4.42
35.75	225.00	0.03	0.53	3.65
36.00	225.00	0.03	0.62	4.22
36.25	225.00	0.03	0.46	3.15
36.50	75.00	0.02	3.26	4.24
36.75	225.00	0.03	0.61	4.13
37.00	150.00	0.02	1.27	4.19
37.25	225.00	0.03	0.35	2.32
37.50	150.00	0.02	1.26	4.06
37.75	150.00	0.02	0.82	2.83
38.00	150.00	0.02	1.20	3.72
38.25	225.00	0.03	0.48	3.02
38.50	150.00	0.02	0.98	2.94
38.75	150.00	0.02	0.97	2.86
39.00	75.00	0.01	2.22	1.72
39.25	150.00	0.02	1.13	2.76
39.50	150.00	0.02	0.40	1.06
39.75	150.00	0.02	0.40	1.04
40.00	150.00	0.02	0.87	2.09
40.25	75.00	0.01	3.73	2.67
40.50	150.00	0.02	0.86	2.02
40.75	150.00	0.02	0.35	0.89
41.00	75.00	0.01	2.88	1.97
41.25	75.00	0.01	1.28	0.88
41.50	150.00	0.02	0.35	0.87
41.75	75.00	0.01	1.28	0.87
42.00	150.00	0.02	0.84	1.94
42.25	75.00	0.01	1.13	0.77
42.50	75.00	0.01	1.27	0.87
42.75	0.00	0.00	0.00	0.85
43.00	75.00	0.00	0.00	0.00
43.25	0.00	0.00	0.00	0.84
43.50	0.00	0.00	0.00	0.84
43.75	0.00	0.00	0.00	1.93
44.00	75.00	0.00	0.00	0.00
44.25	75.00	0.00	0.00	0.00
44.50	75.00	0.00	0.00	0.00
44.75	75.00	0.01	3.23	1.87
45.00	75.00	0.00	0.00	0.00
45.25	75.00	0.00	0.00	0.00
45.50	75.00	0.01	1.59	1.09
45.75	75.00	0.00	0.00	0.00
46.00	0.00	0.00	0.00	0.00
46.25	0.00	0.00	0.00	0.00
46.50	0.00	0.00	0.00	0.00
46.75	0.00	0.00	0.00	0.78
47.00	0.00	0.00	0.00	0.78

47.25	0.00	0.00	0.00	0.00
47.50	0.00	0.00	0.00	0.00
47.75	75.00	0.00	0.00	0.00
48.00	0.00	0.00	0.00	0.00
48.25	0.00	0.00	0.00	0.00
48.50	0.00	0.00	0.00	0.00
48.75	0.00	0.00	0.00	0.00
49.00	0.00	0.00	0.00	0.77
49.25	75.00	0.00	0.00	0.00
49.50	0.00	0.00	0.00	1.09
49.75	75.00	0.00	0.00	0.00
50.00	75.00	0.00	0.00	0.00
50.25	75.00	0.00	0.00	0.00
50.50	75.00	0.00	0.00	0.00
50.75	0.00	0.00	0.00	0.00
51.00	0.00	0.00	0.00	0.00
51.25	0.00	0.00	0.00	0.00
51.50	0.00	0.00	0.00	0.00
51.75	0.00	0.00	0.00	0.00
52.00	0.00	0.00	0.00	0.00
52.25	0.00	0.00	0.00	0.00
52.50	0.00	0.00	0.00	0.00
52.75	0.00	0.00	0.00	0.77
53.00	0.00	0.00	0.00	0.00
53.25	0.00	0.00	0.00	0.00
53.50	0.00	0.00	0.00	0.00
53.75	0.00	0.00	0.00	0.00
54.00	75.00	0.00	0.00	0.00
54.25	0.00	0.00	0.00	0.00
54.50	0.00	0.00	0.00	0.00
54.75	0.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	0.00
55.25	0.00	0.00	0.00	0.00
55.50	0.00	0.00	0.00	0.00
55.75	0.00	0.00	0.00	0.00
56.00	0.00	0.00	0.00	0.00
56.25	0.00	0.00	0.00	0.00
56.50	0.00	0.00	0.00	0.00
56.75	0.00	0.00	0.00	0.00
57.00	0.00	0.00	0.00	0.00
57.25	0.00	0.00	0.00	0.00
57.50	0.00	0.00	0.00	0.00
57.75	0.00	0.00	0.00	0.00
58.00	0.00	0.00	0.00	0.00
58.25	0.00	0.00	0.00	0.00
58.50	0.00	0.00	0.00	0.00
58.75	0.00	0.00	0.00	0.00
59.00	0.00	0.00	0.00	0.00
59.25	0.00	0.00	0.00	0.00
59.50	0.00	0.00	0.00	0.00
59.75	0.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	0.00
60.25	0.00	0.00	0.00	0.00
60.50	0.00	0.00	0.00	0.00
60.75	0.00	0.00	0.00	0.00
61.00	0.00	0.00	0.00	0.00
61.25	0.00	0.00	0.00	0.00
61.50	0.00	0.00	0.00	0.00
61.75	0.00	0.00	0.00	0.00
62.00	0.00	0.00	0.00	0.00
62.25	0.00	0.00	0.00	0.00
62.50	0.00	0.00	0.00	0.00
62.75	0.00	0.00	0.00	0.00
63.00	0.00	0.00	0.00	0.00
63.25	0.00	0.00	0.00	0.00
63.50	0.00	0.00	0.00	0.00
63.75	0.00	0.00	0.00	0.00
64.00	0.00	0.00	0.00	0.00
64.25	0.00	0.00	0.00	0.00
64.50	0.00	0.00	0.00	0.00
64.75	0.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	0.00
65.25	0.00	0.00	0.00	0.00
65.50	0.00	0.00	0.00	0.00
65.75	0.00	0.00	0.00	0.00
66.00	0.00	0.00	0.00	0.00
66.25	0.00	0.00	0.00	0.00
66.50	0.00	0.00	0.00	0.00
66.75	0.00	0.00	0.00	0.00
67.00	0.00	0.00	0.00	0.00
67.25	0.00	0.00	0.00	0.00
67.50	0.00	0.00	0.00	0.00
67.75	0.00	0.00	0.00	0.00
68.00	0.00	0.00	0.00	0.00
68.25	0.00	0.00	0.00	0.00
68.50	0.00	0.00	0.00	0.00
68.75	0.00	0.00	0.00	0.00
69.00	0.00	0.00	0.00	0.00
69.25	0.00	0.00	0.00	0.00
69.50	0.00	0.00	0.00	0.00
69.75	0.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	0.00
70.25	0.00	0.00	0.00	0.00
70.50	0.00	0.00	0.00	0.00
70.75	0.00	0.00	0.00	0.00
71.00	0.00	0.00	0.00	0.00
71.25	0.00	0.00	0.00	0.00
71.50	0.00	0.00	0.00	0.00
71.75	0.00	0.00	0.00	0.00
72.00	0.00	0.00	0.00	0.00

24-Hour, 10-Year HYCROSS.OUT

THE MAXIMUM DISCHARGE FROM CROSS SECTION 1 IS: 367.58 CFS AT TIME: 15.67 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 54.75 AF

NOTE: THE MAXIMUM DISCHARGE AT THIS CROSS SECTION INCLUDES THE CHANNEL DISCHARGE
THE HYDRAULIC VARIABLES IN THE TABLE BELOW ARE COMPUTED FOR THE FLOODPLAIN FLOW (DEPTH > TOL) ONLY
IF THE HYDRAULIC VARIABLES ARE ZERO IN THE TABLE BELOW, ALL THE DISCHARGE IS IN THE CHANNEL

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 1

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	16.55
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	9.22
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	17.37
12.25	0.00	0.00	0.00	27.91
12.50	0.00	0.00	0.00	26.57
12.75	0.00	0.00	0.00	0.00
13.00	0.00	0.00	0.00	52.82
13.25	0.00	0.00	0.00	78.80
13.50	0.00	0.00	0.00	0.00
13.75	0.00	0.00	0.00	34.16
14.00	75.00	0.09	0.98	126.79
14.25	150.00	0.16	1.19	30.10
14.50	150.00	0.18	1.17	102.51
14.75	150.00	0.21	1.29	156.00
15.00	150.00	0.24	1.24	149.13
15.25	150.00	0.25	1.21	199.74
15.50	150.00	0.25	1.25	238.87
15.75	150.00	0.23	1.39	166.39
16.00	150.00	0.23	1.19	189.35
16.25	150.00	0.24	1.37	100.60
16.50	150.00	0.22	1.31	43.89
16.75	150.00	0.19	1.10	65.19
17.00	150.00	0.17	1.19	29.48
17.25	150.00	0.15	1.07	24.20
17.50	150.00	0.14	0.77	16.40
17.75	75.00	0.09	1.91	12.45
18.00	150.00	0.14	0.50	138.19
18.25	150.00	0.13	0.72	105.44
18.50	150.00	0.13	0.42	89.46
18.75	75.00	0.08	1.54	110.92
19.00	150.00	0.13	0.39	7.71
19.25	150.00	0.11	0.44	7.12
19.50	75.00	0.06	1.60	7.17
19.75	75.00	0.07	1.40	84.81
20.00	75.00	0.07	1.40	116.09
20.25	0.00	0.00	0.00	0.00
20.50	75.00	0.06	1.59	7.53
20.75	0.00	0.00	0.00	0.00
21.00	0.00	0.00	0.00	0.00
21.25	150.00	0.10	0.36	5.60
21.50	0.00	0.00	0.00	0.00
21.75	0.00	0.00	0.00	0.00
22.00	0.00	0.00	0.00	0.00
22.25	0.00	0.00	0.00	0.00
22.50	0.00	0.00	0.00	0.00
22.75	0.00	0.00	0.00	0.00
23.00	0.00	0.00	0.00	0.00

23.25	150.00	0.11	0.42	81.66
23.50	0.00	0.00	0.00	0.00
23.75	150.00	0.11	0.34	45.65
24.00	75.00	0.07	1.34	69.16
24.25	75.00	0.05	1.77	73.27
24.50	150.00	0.12	0.46	91.22
24.75	0.00	0.00	0.00	0.00
25.00	0.00	0.00	0.00	0.00
25.25	0.00	0.00	0.00	0.00
25.50	150.00	0.11	0.41	50.89
25.75	0.00	0.00	0.00	0.00
26.00	75.00	0.06	1.55	7.03
26.25	0.00	0.00	0.00	0.00
26.50	0.00	0.00	0.00	0.00
26.75	75.00	0.05	1.78	90.48
27.00	0.00	0.00	0.00	0.00
27.25	0.00	0.00	0.00	0.00
27.50	0.00	0.00	0.00	0.00
27.75	0.00	0.00	0.00	0.00
28.00	0.00	0.00	0.00	0.00
28.25	0.00	0.00	0.00	0.00
28.50	0.00	0.00	0.00	0.00
28.75	0.00	0.00	0.00	0.00
29.00	0.00	0.00	0.00	0.00
29.25	0.00	0.00	0.00	0.00
29.50	0.00	0.00	0.00	0.00
29.75	0.00	0.00	0.00	0.00
30.00	0.00	0.00	0.00	0.00
30.25	0.00	0.00	0.00	0.00
30.50	0.00	0.00	0.00	0.00
30.75	0.00	0.00	0.00	0.00
31.00	0.00	0.00	0.00	0.00
31.25	0.00	0.00	0.00	0.00
31.50	0.00	0.00	0.00	0.00
31.75	0.00	0.00	0.00	0.00
32.00	0.00	0.00	0.00	0.00
32.25	0.00	0.00	0.00	0.00
32.50	0.00	0.00	0.00	0.00
32.75	0.00	0.00	0.00	0.00
33.00	0.00	0.00	0.00	0.00
33.25	0.00	0.00	0.00	0.00
33.50	0.00	0.00	0.00	0.00
33.75	0.00	0.00	0.00	0.00
34.00	0.00	0.00	0.00	0.00
34.25	0.00	0.00	0.00	0.00
34.50	0.00	0.00	0.00	0.00
34.75	0.00	0.00	0.00	0.00
35.00	0.00	0.00	0.00	0.00
35.25	0.00	0.00	0.00	0.00
35.50	0.00	0.00	0.00	0.00
35.75	0.00	0.00	0.00	0.00
36.00	0.00	0.00	0.00	0.00
36.25	0.00	0.00	0.00	0.00
36.50	0.00	0.00	0.00	0.00
36.75	0.00	0.00	0.00	0.00
37.00	0.00	0.00	0.00	0.00
37.25	0.00	0.00	0.00	0.00
37.50	0.00	0.00	0.00	0.00
37.75	0.00	0.00	0.00	0.00
38.00	0.00	0.00	0.00	0.00
38.25	0.00	0.00	0.00	0.00
38.50	0.00	0.00	0.00	0.00
38.75	0.00	0.00	0.00	0.00
39.00	0.00	0.00	0.00	0.00
39.25	0.00	0.00	0.00	0.00
39.50	0.00	0.00	0.00	0.00
39.75	0.00	0.00	0.00	0.00
40.00	0.00	0.00	0.00	0.00
40.25	0.00	0.00	0.00	0.00
40.50	0.00	0.00	0.00	0.00
40.75	0.00	0.00	0.00	0.00
41.00	0.00	0.00	0.00	0.00
41.25	0.00	0.00	0.00	0.00
41.50	0.00	0.00	0.00	0.00
41.75	0.00	0.00	0.00	0.00
42.00	0.00	0.00	0.00	0.00
42.25	0.00	0.00	0.00	0.00
42.50	0.00	0.00	0.00	0.00
42.75	0.00	0.00	0.00	0.00
43.00	0.00	0.00	0.00	0.00
43.25	0.00	0.00	0.00	0.00
43.50	0.00	0.00	0.00	0.00
43.75	0.00	0.00	0.00	0.00
44.00	0.00	0.00	0.00	0.00
44.25	0.00	0.00	0.00	0.00
44.50	0.00	0.00	0.00	0.00
44.75	0.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	0.00
45.25	0.00	0.00	0.00	0.00
45.50	0.00	0.00	0.00	0.00
45.75	0.00	0.00	0.00	0.00
46.00	0.00	0.00	0.00	0.00
46.25	0.00	0.00	0.00	0.00
46.50	0.00	0.00	0.00	0.00
46.75	0.00	0.00	0.00	0.00
47.00	0.00	0.00	0.00	0.00
47.25	0.00	0.00	0.00	0.00
47.50	0.00	0.00	0.00	0.00
47.75	0.00	0.00	0.00	0.00
48.00	0.00	0.00	0.00	0.00
48.25	0.00	0.00	0.00	0.00
48.50	0.00	0.00	0.00	0.00
48.75	0.00	0.00	0.00	0.00
49.00	0.00	0.00	0.00	0.00
49.25	0.00	0.00	0.00	0.00
49.50	0.00	0.00	0.00	0.00

49.75	0.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	0.00
50.25	0.00	0.00	0.00	0.00
50.50	0.00	0.00	0.00	0.00
50.75	0.00	0.00	0.00	0.00
51.00	0.00	0.00	0.00	0.00
51.25	0.00	0.00	0.00	0.00
51.50	0.00	0.00	0.00	0.00
51.75	0.00	0.00	0.00	0.00
52.00	0.00	0.00	0.00	0.00
52.25	0.00	0.00	0.00	0.00
52.50	0.00	0.00	0.00	0.00
52.75	0.00	0.00	0.00	0.00
53.00	0.00	0.00	0.00	0.00
53.25	0.00	0.00	0.00	0.00
53.50	0.00	0.00	0.00	0.00
53.75	0.00	0.00	0.00	0.00
54.00	0.00	0.00	0.00	0.00
54.25	0.00	0.00	0.00	0.00
54.50	0.00	0.00	0.00	0.00
54.75	0.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	0.00
55.25	0.00	0.00	0.00	0.00
55.50	0.00	0.00	0.00	0.00
55.75	0.00	0.00	0.00	0.00
56.00	0.00	0.00	0.00	0.00
56.25	0.00	0.00	0.00	0.00
56.50	0.00	0.00	0.00	0.00
56.75	0.00	0.00	0.00	0.00
57.00	0.00	0.00	0.00	0.00
57.25	0.00	0.00	0.00	0.00
57.50	0.00	0.00	0.00	0.00
57.75	0.00	0.00	0.00	0.00
58.00	0.00	0.00	0.00	0.00
58.25	0.00	0.00	0.00	0.00
58.50	0.00	0.00	0.00	0.00
58.75	0.00	0.00	0.00	0.00
59.00	0.00	0.00	0.00	0.00
59.25	0.00	0.00	0.00	0.00
59.50	0.00	0.00	0.00	0.00
59.75	0.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	0.00
60.25	0.00	0.00	0.00	0.00
60.50	0.00	0.00	0.00	0.00
60.75	0.00	0.00	0.00	0.00
61.00	0.00	0.00	0.00	0.00
61.25	0.00	0.00	0.00	0.00
61.50	0.00	0.00	0.00	0.00
61.75	0.00	0.00	0.00	0.00
62.00	0.00	0.00	0.00	0.00
62.25	0.00	0.00	0.00	0.00
62.50	0.00	0.00	0.00	0.00
62.75	0.00	0.00	0.00	0.00
63.00	0.00	0.00	0.00	0.00
63.25	0.00	0.00	0.00	0.00
63.50	0.00	0.00	0.00	0.00
63.75	0.00	0.00	0.00	0.00
64.00	0.00	0.00	0.00	0.00
64.25	0.00	0.00	0.00	0.00
64.50	0.00	0.00	0.00	0.00
64.75	0.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	0.00
65.25	0.00	0.00	0.00	0.00
65.50	0.00	0.00	0.00	0.00
65.75	0.00	0.00	0.00	0.00
66.00	0.00	0.00	0.00	0.00
66.25	0.00	0.00	0.00	0.00
66.50	0.00	0.00	0.00	0.00
66.75	0.00	0.00	0.00	0.00
67.00	0.00	0.00	0.00	0.00
67.25	0.00	0.00	0.00	0.00
67.50	0.00	0.00	0.00	0.00
67.75	0.00	0.00	0.00	0.00
68.00	0.00	0.00	0.00	0.00
68.25	0.00	0.00	0.00	0.00
68.50	0.00	0.00	0.00	0.00
68.75	0.00	0.00	0.00	0.00
69.00	0.00	0.00	0.00	0.00
69.25	0.00	0.00	0.00	0.00
69.50	0.00	0.00	0.00	0.00
69.75	0.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	0.00
70.25	0.00	0.00	0.00	0.00
70.50	0.00	0.00	0.00	0.00
70.75	0.00	0.00	0.00	0.00
71.00	0.00	0.00	0.00	0.00
71.25	0.00	0.00	0.00	0.00
71.50	0.00	0.00	0.00	0.00
71.75	0.00	0.00	0.00	0.00
72.00	0.00	0.00	0.00	0.00

THE MAXIMUM DISCHARGE FROM CROSS SECTION 2 IS: 0.00 CFS AT TIME: 0.00 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 0.00 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 2

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00

1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00
13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	0.00
13.75	0.00	0.00	0.00	0.00
14.00	0.00	0.00	0.00	0.00
14.25	0.00	0.00	0.00	0.00
14.50	0.00	0.00	0.00	0.00
14.75	0.00	0.00	0.00	0.00
15.00	0.00	0.00	0.00	0.00
15.25	0.00	0.00	0.00	0.00
15.50	0.00	0.00	0.00	0.00
15.75	0.00	0.00	0.00	0.00
16.00	0.00	0.00	0.00	0.00
16.25	0.00	0.00	0.00	0.00
16.50	0.00	0.00	0.00	0.00
16.75	0.00	0.00	0.00	0.00
17.00	0.00	0.00	0.00	0.00
17.25	0.00	0.00	0.00	0.00
17.50	0.00	0.00	0.00	0.00
17.75	0.00	0.00	0.00	0.00
18.00	0.00	0.00	0.00	0.00
18.25	0.00	0.00	0.00	0.00
18.50	0.00	0.00	0.00	0.00
18.75	0.00	0.00	0.00	0.00
19.00	0.00	0.00	0.00	0.00
19.25	0.00	0.00	0.00	0.00
19.50	0.00	0.00	0.00	0.00
19.75	0.00	0.00	0.00	0.00
20.00	0.00	0.00	0.00	0.00
20.25	0.00	0.00	0.00	0.00
20.50	0.00	0.00	0.00	0.00
20.75	0.00	0.00	0.00	0.00
21.00	0.00	0.00	0.00	0.00
21.25	0.00	0.00	0.00	0.00
21.50	0.00	0.00	0.00	0.00
21.75	0.00	0.00	0.00	0.00
22.00	0.00	0.00	0.00	0.00
22.25	0.00	0.00	0.00	0.00
22.50	0.00	0.00	0.00	0.00
22.75	0.00	0.00	0.00	0.00
23.00	0.00	0.00	0.00	0.00
23.25	0.00	0.00	0.00	0.00
23.50	0.00	0.00	0.00	0.00
23.75	0.00	0.00	0.00	0.00
24.00	0.00	0.00	0.00	0.00
24.25	0.00	0.00	0.00	0.00
24.50	0.00	0.00	0.00	0.00
24.75	0.00	0.00	0.00	0.00
25.00	0.00	0.00	0.00	0.00
25.25	0.00	0.00	0.00	0.00
25.50	0.00	0.00	0.00	0.00
25.75	0.00	0.00	0.00	0.00
26.00	0.00	0.00	0.00	0.00
26.25	0.00	0.00	0.00	0.00
26.50	0.00	0.00	0.00	0.00
26.75	0.00	0.00	0.00	0.00
27.00	0.00	0.00	0.00	0.00
27.25	0.00	0.00	0.00	0.00
27.50	0.00	0.00	0.00	0.00
27.75	0.00	0.00	0.00	0.00

28.00	0.00	0.00	0.00	0.00
28.25	0.00	0.00	0.00	0.00
28.50	0.00	0.00	0.00	0.00
28.75	0.00	0.00	0.00	0.00
29.00	0.00	0.00	0.00	0.00
29.25	0.00	0.00	0.00	0.00
29.50	0.00	0.00	0.00	0.00
29.75	0.00	0.00	0.00	0.00
30.00	0.00	0.00	0.00	0.00
30.25	0.00	0.00	0.00	0.00
30.50	0.00	0.00	0.00	0.00
30.75	0.00	0.00	0.00	0.00
31.00	0.00	0.00	0.00	0.00
31.25	0.00	0.00	0.00	0.00
31.50	0.00	0.00	0.00	0.00
31.75	0.00	0.00	0.00	0.00
32.00	0.00	0.00	0.00	0.00
32.25	0.00	0.00	0.00	0.00
32.50	0.00	0.00	0.00	0.00
32.75	0.00	0.00	0.00	0.00
33.00	0.00	0.00	0.00	0.00
33.25	0.00	0.00	0.00	0.00
33.50	0.00	0.00	0.00	0.00
33.75	0.00	0.00	0.00	0.00
34.00	0.00	0.00	0.00	0.00
34.25	0.00	0.00	0.00	0.00
34.50	0.00	0.00	0.00	0.00
34.75	0.00	0.00	0.00	0.00
35.00	0.00	0.00	0.00	0.00
35.25	0.00	0.00	0.00	0.00
35.50	0.00	0.00	0.00	0.00
35.75	0.00	0.00	0.00	0.00
36.00	0.00	0.00	0.00	0.00
36.25	0.00	0.00	0.00	0.00
36.50	0.00	0.00	0.00	0.00
36.75	0.00	0.00	0.00	0.00
37.00	0.00	0.00	0.00	0.00
37.25	0.00	0.00	0.00	0.00
37.50	0.00	0.00	0.00	0.00
37.75	0.00	0.00	0.00	0.00
38.00	0.00	0.00	0.00	0.00
38.25	0.00	0.00	0.00	0.00
38.50	0.00	0.00	0.00	0.00
38.75	0.00	0.00	0.00	0.00
39.00	0.00	0.00	0.00	0.00
39.25	0.00	0.00	0.00	0.00
39.50	0.00	0.00	0.00	0.00
39.75	0.00	0.00	0.00	0.00
40.00	0.00	0.00	0.00	0.00
40.25	0.00	0.00	0.00	0.00
40.50	0.00	0.00	0.00	0.00
40.75	0.00	0.00	0.00	0.00
41.00	0.00	0.00	0.00	0.00
41.25	0.00	0.00	0.00	0.00
41.50	0.00	0.00	0.00	0.00
41.75	0.00	0.00	0.00	0.00
42.00	0.00	0.00	0.00	0.00
42.25	0.00	0.00	0.00	0.00
42.50	0.00	0.00	0.00	0.00
42.75	0.00	0.00	0.00	0.00
43.00	0.00	0.00	0.00	0.00
43.25	0.00	0.00	0.00	0.00
43.50	0.00	0.00	0.00	0.00
43.75	0.00	0.00	0.00	0.00
44.00	0.00	0.00	0.00	0.00
44.25	0.00	0.00	0.00	0.00
44.50	0.00	0.00	0.00	0.00
44.75	0.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	0.00
45.25	0.00	0.00	0.00	0.00
45.50	0.00	0.00	0.00	0.00
45.75	0.00	0.00	0.00	0.00
46.00	0.00	0.00	0.00	0.00
46.25	0.00	0.00	0.00	0.00
46.50	0.00	0.00	0.00	0.00
46.75	0.00	0.00	0.00	0.00
47.00	0.00	0.00	0.00	0.00
47.25	0.00	0.00	0.00	0.00
47.50	0.00	0.00	0.00	0.00
47.75	0.00	0.00	0.00	0.00
48.00	0.00	0.00	0.00	0.00
48.25	0.00	0.00	0.00	0.00
48.50	0.00	0.00	0.00	0.00
48.75	0.00	0.00	0.00	0.00
49.00	0.00	0.00	0.00	0.00
49.25	0.00	0.00	0.00	0.00
49.50	0.00	0.00	0.00	0.00
49.75	0.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	0.00
50.25	0.00	0.00	0.00	0.00
50.50	0.00	0.00	0.00	0.00
50.75	0.00	0.00	0.00	0.00
51.00	0.00	0.00	0.00	0.00
51.25	0.00	0.00	0.00	0.00
51.50	0.00	0.00	0.00	0.00
51.75	0.00	0.00	0.00	0.00
52.00	0.00	0.00	0.00	0.00
52.25	0.00	0.00	0.00	0.00
52.50	0.00	0.00	0.00	0.00
52.75	0.00	0.00	0.00	0.00
53.00	0.00	0.00	0.00	0.00
53.25	0.00	0.00	0.00	0.00
53.50	0.00	0.00	0.00	0.00
53.75	0.00	0.00	0.00	0.00
54.00	0.00	0.00	0.00	0.00
54.25	0.00	0.00	0.00	0.00

54.50	0.00	0.00	0.00	0.00
54.75	0.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	0.00
55.25	0.00	0.00	0.00	0.00
55.50	0.00	0.00	0.00	0.00
55.75	0.00	0.00	0.00	0.00
56.00	0.00	0.00	0.00	0.00
56.25	0.00	0.00	0.00	0.00
56.50	0.00	0.00	0.00	0.00
56.75	0.00	0.00	0.00	0.00
57.00	0.00	0.00	0.00	0.00
57.25	0.00	0.00	0.00	0.00
57.50	0.00	0.00	0.00	0.00
57.75	0.00	0.00	0.00	0.00
58.00	0.00	0.00	0.00	0.00
58.25	0.00	0.00	0.00	0.00
58.50	0.00	0.00	0.00	0.00
58.75	0.00	0.00	0.00	0.00
59.00	0.00	0.00	0.00	0.00
59.25	0.00	0.00	0.00	0.00
59.50	0.00	0.00	0.00	0.00
59.75	0.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	0.00
60.25	0.00	0.00	0.00	0.00
60.50	0.00	0.00	0.00	0.00
60.75	0.00	0.00	0.00	0.00
61.00	0.00	0.00	0.00	0.00
61.25	0.00	0.00	0.00	0.00
61.50	0.00	0.00	0.00	0.00
61.75	0.00	0.00	0.00	0.00
62.00	0.00	0.00	0.00	0.00
62.25	0.00	0.00	0.00	0.00
62.50	0.00	0.00	0.00	0.00
62.75	0.00	0.00	0.00	0.00
63.00	0.00	0.00	0.00	0.00
63.25	0.00	0.00	0.00	0.00
63.50	0.00	0.00	0.00	0.00
63.75	0.00	0.00	0.00	0.00
64.00	0.00	0.00	0.00	0.00
64.25	0.00	0.00	0.00	0.00
64.50	0.00	0.00	0.00	0.00
64.75	0.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	0.00
65.25	0.00	0.00	0.00	0.00
65.50	0.00	0.00	0.00	0.00
65.75	0.00	0.00	0.00	0.00
66.00	0.00	0.00	0.00	0.00
66.25	0.00	0.00	0.00	0.00
66.50	0.00	0.00	0.00	0.00
66.75	0.00	0.00	0.00	0.00
67.00	0.00	0.00	0.00	0.00
67.25	0.00	0.00	0.00	0.00
67.50	0.00	0.00	0.00	0.00
67.75	0.00	0.00	0.00	0.00
68.00	0.00	0.00	0.00	0.00
68.25	0.00	0.00	0.00	0.00
68.50	0.00	0.00	0.00	0.00
68.75	0.00	0.00	0.00	0.00
69.00	0.00	0.00	0.00	0.00
69.25	0.00	0.00	0.00	0.00
69.50	0.00	0.00	0.00	0.00
69.75	0.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	0.00
70.25	0.00	0.00	0.00	0.00
70.50	0.00	0.00	0.00	0.00
70.75	0.00	0.00	0.00	0.00
71.00	0.00	0.00	0.00	0.00
71.25	0.00	0.00	0.00	0.00
71.50	0.00	0.00	0.00	0.00
71.75	0.00	0.00	0.00	0.00
72.00	0.00	0.00	0.00	0.00

THE MAXIMUM DISCHARGE FROM CROSS SECTION 3 IS: 367.54 CFS AT TIME: 18.82 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 141.76 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 3

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00

6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00
13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	0.00
13.75	0.00	0.00	0.00	0.00
14.00	0.00	0.00	0.00	0.00
14.25	0.00	0.00	0.00	0.00
14.50	0.00	0.00	0.00	0.00
14.75	0.00	0.00	0.00	0.00
15.00	0.00	0.00	0.00	0.00
15.25	0.00	0.00	0.00	0.00
15.50	0.00	0.00	0.00	0.00
15.75	0.00	0.00	0.00	0.00
16.00	0.00	0.00	0.00	0.00
16.25	0.00	0.00	0.00	0.00
16.50	0.00	0.00	0.00	0.00
16.75	0.00	0.00	0.00	0.00
17.00	0.00	0.00	0.00	0.00
17.25	0.00	0.00	0.00	0.00
17.50	0.00	0.00	0.00	0.00
17.75	0.00	0.00	0.00	0.00
18.00	0.00	0.00	0.00	0.00
18.25	0.00	0.00	0.00	0.00
18.50	450.00	0.14	4.42	278.07
18.75	600.00	0.17	3.53	364.59
19.00	675.00	0.18	3.05	361.94
19.25	675.00	0.17	2.95	346.16
19.50	750.00	0.18	2.50	330.16
19.75	750.00	0.17	2.43	311.76
20.00	750.00	0.17	2.36	292.57
20.25	600.00	0.15	3.04	277.21
20.50	675.00	0.15	2.59	261.47
20.75	750.00	0.15	2.22	243.33
21.00	675.00	0.14	2.47	226.10
21.25	675.00	0.13	2.37	207.18
21.50	600.00	0.12	2.61	190.58
21.75	675.00	0.12	2.20	178.33
22.00	750.00	0.12	1.85	166.01
22.25	675.00	0.11	2.08	156.90
22.50	750.00	0.11	1.73	144.19
22.75	600.00	0.10	2.22	133.02
23.00	525.00	0.09	2.56	124.97
23.25	525.00	0.09	2.46	115.05
23.50	600.00	0.09	2.02	109.05
23.75	675.00	0.09	1.68	102.90
24.00	525.00	0.08	2.28	97.43
24.25	525.00	0.08	2.20	90.49
24.50	750.00	0.09	1.33	86.91
24.75	525.00	0.07	2.06	80.02
25.00	525.00	0.07	2.04	77.07
25.25	600.00	0.07	1.63	71.12
25.50	525.00	0.07	1.87	65.69
25.75	525.00	0.06	1.80	61.34
26.00	525.00	0.06	1.80	59.26
26.25	450.00	0.06	2.14	55.56
26.50	450.00	0.06	2.09	52.14
26.75	450.00	0.05	2.06	49.88
27.00	450.00	0.05	1.99	46.88
27.25	450.00	0.05	1.95	44.21
27.50	450.00	0.05	1.88	41.75
27.75	450.00	0.05	1.80	39.10
28.00	450.00	0.05	1.76	37.58
28.25	450.00	0.05	1.67	34.77
28.50	450.00	0.05	1.67	34.10
28.75	450.00	0.05	1.62	32.86
29.00	450.00	0.04	1.55	31.12
29.25	600.00	0.05	1.05	32.46
29.50	525.00	0.05	1.21	30.34
29.75	450.00	0.04	1.61	31.82
30.00	450.00	0.04	1.52	30.14
30.25	450.00	0.04	1.52	30.27
30.50	525.00	0.05	1.19	29.60
30.75	450.00	0.04	1.55	30.24
31.00	450.00	0.04	1.59	30.63
31.25	450.00	0.04	1.47	28.41
31.50	450.00	0.04	1.47	28.08
31.75	450.00	0.04	1.46	27.51
32.00	450.00	0.04	1.44	26.64
32.25	525.00	0.04	1.10	25.17
32.50	450.00	0.04	1.34	23.42

32.75	525.00	0.04	1.02	22.81
33.00	450.00	0.04	1.16	20.29
33.25	450.00	0.04	1.15	20.12
33.50	450.00	0.04	1.12	19.13
33.75	375.00	0.04	1.37	18.20
34.00	450.00	0.04	1.08	18.79
34.25	450.00	0.04	1.07	17.28
34.50	450.00	0.03	0.98	15.38
34.75	450.00	0.03	0.96	14.65
35.00	450.00	0.03	1.00	14.88
35.25	450.00	0.03	0.97	14.21
35.50	450.00	0.03	0.82	11.70
35.75	300.00	0.03	1.72	13.65
36.00	450.00	0.03	0.70	9.93
36.25	450.00	0.03	0.61	8.96
36.50	450.00	0.03	0.72	10.05
36.75	450.00	0.03	0.63	8.71
37.00	450.00	0.03	0.62	8.31
37.25	375.00	0.03	0.89	8.48
37.50	375.00	0.02	0.62	5.58
37.75	375.00	0.02	0.73	6.40
38.00	450.00	0.03	0.44	5.11
38.25	300.00	0.02	0.84	4.93
38.50	375.00	0.02	0.60	4.76
38.75	225.00	0.01	1.39	4.57
39.00	225.00	0.01	1.38	4.28
39.25	300.00	0.02	0.57	2.84
39.50	225.00	0.01	1.16	2.97
39.75	75.00	0.00	6.67	2.01
40.00	0.00	0.00	0.00	1.09
40.25	150.00	0.01	2.05	2.37
40.50	150.00	0.01	2.84	3.29
40.75	300.00	0.01	0.76	3.27
41.00	0.00	0.00	0.00	1.99
41.25	0.00	0.00	0.00	0.00
41.50	150.00	0.01	2.11	2.44
41.75	75.00	0.00	0.00	0.00
42.00	0.00	0.00	0.00	0.00
42.25	225.00	0.01	0.78	2.02
42.50	75.00	0.00	10.22	2.95
42.75	0.00	0.00	0.00	2.35
43.00	0.00	0.00	0.00	0.00
43.25	0.00	0.00	0.00	0.00
43.50	0.00	0.00	0.00	0.00
43.75	0.00	0.00	0.00	0.00
44.00	0.00	0.00	0.00	0.00
44.25	0.00	0.00	0.00	0.00
44.50	0.00	0.00	0.00	0.00
44.75	0.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	0.00
45.25	0.00	0.00	0.00	0.00
45.50	0.00	0.00	0.00	0.00
45.75	150.00	0.01	0.32	0.41
46.00	0.00	0.00	0.00	0.00
46.25	0.00	0.00	0.00	0.00
46.50	0.00	0.00	0.00	0.00
46.75	0.00	0.00	0.00	0.00
47.00	0.00	0.00	0.00	0.00
47.25	0.00	0.00	0.00	0.00
47.50	0.00	0.00	0.00	0.00
47.75	0.00	0.00	0.00	0.00
48.00	0.00	0.00	0.00	0.00
48.25	0.00	0.00	0.00	0.00
48.50	0.00	0.00	0.00	0.00
48.75	0.00	0.00	0.00	0.00
49.00	0.00	0.00	0.00	0.00
49.25	0.00	0.00	0.00	0.00
49.50	0.00	0.00	0.00	0.00
49.75	0.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	0.00
50.25	0.00	0.00	0.00	0.00
50.50	0.00	0.00	0.00	0.00
50.75	0.00	0.00	0.00	0.00
51.00	0.00	0.00	0.00	0.00
51.25	0.00	0.00	0.00	0.00
51.50	0.00	0.00	0.00	0.00
51.75	0.00	0.00	0.00	0.00
52.00	0.00	0.00	0.00	0.00
52.25	0.00	0.00	0.00	0.00
52.50	0.00	0.00	0.00	0.00
52.75	0.00	0.00	0.00	0.00
53.00	0.00	0.00	0.00	0.00
53.25	0.00	0.00	0.00	0.00
53.50	0.00	0.00	0.00	0.00
53.75	0.00	0.00	0.00	0.00
54.00	0.00	0.00	0.00	0.00
54.25	0.00	0.00	0.00	0.00
54.50	0.00	0.00	0.00	0.00
54.75	0.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	0.00
55.25	0.00	0.00	0.00	0.00
55.50	0.00	0.00	0.00	0.00
55.75	0.00	0.00	0.00	0.00
56.00	0.00	0.00	0.00	0.00
56.25	0.00	0.00	0.00	0.00
56.50	0.00	0.00	0.00	0.00
56.75	0.00	0.00	0.00	0.00
57.00	0.00	0.00	0.00	0.00
57.25	0.00	0.00	0.00	0.00
57.50	0.00	0.00	0.00	0.00
57.75	0.00	0.00	0.00	0.00
58.00	0.00	0.00	0.00	0.00
58.25	0.00	0.00	0.00	0.00
58.50	0.00	0.00	0.00	0.00
58.75	0.00	0.00	0.00	0.00
59.00	0.00	0.00	0.00	0.00

59.25	0.00	0.00	0.00	0.00
59.50	0.00	0.00	0.00	0.00
59.75	0.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	0.00
60.25	0.00	0.00	0.00	0.00
60.50	0.00	0.00	0.00	0.00
60.75	0.00	0.00	0.00	0.00
61.00	0.00	0.00	0.00	0.00
61.25	0.00	0.00	0.00	0.00
61.50	0.00	0.00	0.00	0.00
61.75	0.00	0.00	0.00	0.00
62.00	0.00	0.00	0.00	0.00
62.25	0.00	0.00	0.00	0.00
62.50	0.00	0.00	0.00	0.00
62.75	0.00	0.00	0.00	0.00
63.00	0.00	0.00	0.00	0.00
63.25	0.00	0.00	0.00	0.00
63.50	0.00	0.00	0.00	0.00
63.75	0.00	0.00	0.00	0.00
64.00	0.00	0.00	0.00	0.00
64.25	0.00	0.00	0.00	0.00
64.50	0.00	0.00	0.00	0.00
64.75	0.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	0.00
65.25	0.00	0.00	0.00	0.00
65.50	0.00	0.00	0.00	0.00
65.75	0.00	0.00	0.00	0.00
66.00	0.00	0.00	0.00	0.00
66.25	0.00	0.00	0.00	0.00
66.50	0.00	0.00	0.00	0.00
66.75	0.00	0.00	0.00	0.00
67.00	0.00	0.00	0.00	0.00
67.25	0.00	0.00	0.00	0.00
67.50	0.00	0.00	0.00	0.00
67.75	0.00	0.00	0.00	0.00
68.00	0.00	0.00	0.00	0.00
68.25	0.00	0.00	0.00	0.00
68.50	0.00	0.00	0.00	0.00
68.75	0.00	0.00	0.00	0.00
69.00	0.00	0.00	0.00	0.00
69.25	0.00	0.00	0.00	0.00
69.50	0.00	0.00	0.00	0.00
69.75	0.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	0.00
70.25	0.00	0.00	0.00	0.00
70.50	0.00	0.00	0.00	0.00
70.75	0.00	0.00	0.00	0.00
71.00	0.00	0.00	0.00	0.00
71.25	0.00	0.00	0.00	0.00
71.50	0.00	0.00	0.00	0.00
71.75	0.00	0.00	0.00	0.00
72.00	0.00	0.00	0.00	0.00

THE MAXIMUM DISCHARGE FROM CROSS SECTION 4 IS: 0.00 CFS AT TIME: 0.00 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 0.00 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 4

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00

11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00
13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	0.00
13.75	0.00	0.00	0.00	0.00
14.00	0.00	0.00	0.00	0.00
14.25	0.00	0.00	0.00	0.00
14.50	0.00	0.00	0.00	0.00
14.75	0.00	0.00	0.00	0.00
15.00	0.00	0.00	0.00	0.00
15.25	0.00	0.00	0.00	0.00
15.50	0.00	0.00	0.00	0.00
15.75	0.00	0.00	0.00	0.00
16.00	0.00	0.00	0.00	0.00
16.25	0.00	0.00	0.00	0.00
16.50	0.00	0.00	0.00	0.00
16.75	0.00	0.00	0.00	0.00
17.00	0.00	0.00	0.00	0.00
17.25	0.00	0.00	0.00	0.00
17.50	0.00	0.00	0.00	0.00
17.75	0.00	0.00	0.00	0.00
18.00	0.00	0.00	0.00	0.00
18.25	0.00	0.00	0.00	0.00
18.50	0.00	0.00	0.00	0.00
18.75	0.00	0.00	0.00	0.00
19.00	0.00	0.00	0.00	0.00
19.25	0.00	0.00	0.00	0.00
19.50	0.00	0.00	0.00	0.00
19.75	0.00	0.00	0.00	0.00
20.00	0.00	0.00	0.00	0.00
20.25	0.00	0.00	0.00	0.00
20.50	0.00	0.00	0.00	0.00
20.75	0.00	0.00	0.00	0.00
21.00	0.00	0.00	0.00	0.00
21.25	0.00	0.00	0.00	0.00
21.50	0.00	0.00	0.00	0.00
21.75	0.00	0.00	0.00	0.00
22.00	0.00	0.00	0.00	0.00
22.25	0.00	0.00	0.00	0.00
22.50	0.00	0.00	0.00	0.00
22.75	0.00	0.00	0.00	0.00
23.00	0.00	0.00	0.00	0.00
23.25	0.00	0.00	0.00	0.00
23.50	0.00	0.00	0.00	0.00
23.75	0.00	0.00	0.00	0.00
24.00	0.00	0.00	0.00	0.00
24.25	0.00	0.00	0.00	0.00
24.50	0.00	0.00	0.00	0.00
24.75	0.00	0.00	0.00	0.00
25.00	0.00	0.00	0.00	0.00
25.25	0.00	0.00	0.00	0.00
25.50	0.00	0.00	0.00	0.00
25.75	0.00	0.00	0.00	0.00
26.00	0.00	0.00	0.00	0.00
26.25	0.00	0.00	0.00	0.00
26.50	0.00	0.00	0.00	0.00
26.75	0.00	0.00	0.00	0.00
27.00	0.00	0.00	0.00	0.00
27.25	0.00	0.00	0.00	0.00
27.50	0.00	0.00	0.00	0.00
27.75	0.00	0.00	0.00	0.00
28.00	0.00	0.00	0.00	0.00
28.25	0.00	0.00	0.00	0.00
28.50	0.00	0.00	0.00	0.00
28.75	0.00	0.00	0.00	0.00
29.00	0.00	0.00	0.00	0.00
29.25	0.00	0.00	0.00	0.00
29.50	0.00	0.00	0.00	0.00
29.75	0.00	0.00	0.00	0.00
30.00	0.00	0.00	0.00	0.00
30.25	0.00	0.00	0.00	0.00
30.50	0.00	0.00	0.00	0.00
30.75	0.00	0.00	0.00	0.00
31.00	0.00	0.00	0.00	0.00
31.25	0.00	0.00	0.00	0.00
31.50	0.00	0.00	0.00	0.00
31.75	0.00	0.00	0.00	0.00
32.00	0.00	0.00	0.00	0.00
32.25	0.00	0.00	0.00	0.00
32.50	0.00	0.00	0.00	0.00
32.75	0.00	0.00	0.00	0.00
33.00	0.00	0.00	0.00	0.00
33.25	0.00	0.00	0.00	0.00
33.50	0.00	0.00	0.00	0.00
33.75	0.00	0.00	0.00	0.00
34.00	0.00	0.00	0.00	0.00
34.25	0.00	0.00	0.00	0.00
34.50	0.00	0.00	0.00	0.00
34.75	0.00	0.00	0.00	0.00
35.00	0.00	0.00	0.00	0.00
35.25	0.00	0.00	0.00	0.00
35.50	0.00	0.00	0.00	0.00
35.75	0.00	0.00	0.00	0.00
36.00	0.00	0.00	0.00	0.00
36.25	0.00	0.00	0.00	0.00
36.50	0.00	0.00	0.00	0.00
36.75	0.00	0.00	0.00	0.00
37.00	0.00	0.00	0.00	0.00
37.25	0.00	0.00	0.00	0.00

37.50	0.00	0.00	0.00	0.00
37.75	0.00	0.00	0.00	0.00
38.00	0.00	0.00	0.00	0.00
38.25	0.00	0.00	0.00	0.00
38.50	0.00	0.00	0.00	0.00
38.75	0.00	0.00	0.00	0.00
39.00	0.00	0.00	0.00	0.00
39.25	0.00	0.00	0.00	0.00
39.50	0.00	0.00	0.00	0.00
39.75	0.00	0.00	0.00	0.00
40.00	0.00	0.00	0.00	0.00
40.25	0.00	0.00	0.00	0.00
40.50	0.00	0.00	0.00	0.00
40.75	0.00	0.00	0.00	0.00
41.00	0.00	0.00	0.00	0.00
41.25	0.00	0.00	0.00	0.00
41.50	0.00	0.00	0.00	0.00
41.75	0.00	0.00	0.00	0.00
42.00	0.00	0.00	0.00	0.00
42.25	0.00	0.00	0.00	0.00
42.50	0.00	0.00	0.00	0.00
42.75	0.00	0.00	0.00	0.00
43.00	0.00	0.00	0.00	0.00
43.25	0.00	0.00	0.00	0.00
43.50	0.00	0.00	0.00	0.00
43.75	0.00	0.00	0.00	0.00
44.00	0.00	0.00	0.00	0.00
44.25	0.00	0.00	0.00	0.00
44.50	0.00	0.00	0.00	0.00
44.75	0.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	0.00
45.25	0.00	0.00	0.00	0.00
45.50	0.00	0.00	0.00	0.00
45.75	0.00	0.00	0.00	0.00
46.00	0.00	0.00	0.00	0.00
46.25	0.00	0.00	0.00	0.00
46.50	0.00	0.00	0.00	0.00
46.75	0.00	0.00	0.00	0.00
47.00	0.00	0.00	0.00	0.00
47.25	0.00	0.00	0.00	0.00
47.50	0.00	0.00	0.00	0.00
47.75	0.00	0.00	0.00	0.00
48.00	0.00	0.00	0.00	0.00
48.25	0.00	0.00	0.00	0.00
48.50	0.00	0.00	0.00	0.00
48.75	0.00	0.00	0.00	0.00
49.00	0.00	0.00	0.00	0.00
49.25	0.00	0.00	0.00	0.00
49.50	0.00	0.00	0.00	0.00
49.75	0.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	0.00
50.25	0.00	0.00	0.00	0.00
50.50	0.00	0.00	0.00	0.00
50.75	0.00	0.00	0.00	0.00
51.00	0.00	0.00	0.00	0.00
51.25	0.00	0.00	0.00	0.00
51.50	0.00	0.00	0.00	0.00
51.75	0.00	0.00	0.00	0.00
52.00	0.00	0.00	0.00	0.00
52.25	0.00	0.00	0.00	0.00
52.50	0.00	0.00	0.00	0.00
52.75	0.00	0.00	0.00	0.00
53.00	0.00	0.00	0.00	0.00
53.25	0.00	0.00	0.00	0.00
53.50	0.00	0.00	0.00	0.00
53.75	0.00	0.00	0.00	0.00
54.00	0.00	0.00	0.00	0.00
54.25	0.00	0.00	0.00	0.00
54.50	0.00	0.00	0.00	0.00
54.75	0.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	0.00
55.25	0.00	0.00	0.00	0.00
55.50	0.00	0.00	0.00	0.00
55.75	0.00	0.00	0.00	0.00
56.00	0.00	0.00	0.00	0.00
56.25	0.00	0.00	0.00	0.00
56.50	0.00	0.00	0.00	0.00
56.75	0.00	0.00	0.00	0.00
57.00	0.00	0.00	0.00	0.00
57.25	0.00	0.00	0.00	0.00
57.50	0.00	0.00	0.00	0.00
57.75	0.00	0.00	0.00	0.00
58.00	0.00	0.00	0.00	0.00
58.25	0.00	0.00	0.00	0.00
58.50	0.00	0.00	0.00	0.00
58.75	0.00	0.00	0.00	0.00
59.00	0.00	0.00	0.00	0.00
59.25	0.00	0.00	0.00	0.00
59.50	0.00	0.00	0.00	0.00
59.75	0.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	0.00
60.25	0.00	0.00	0.00	0.00
60.50	0.00	0.00	0.00	0.00
60.75	0.00	0.00	0.00	0.00
61.00	0.00	0.00	0.00	0.00
61.25	0.00	0.00	0.00	0.00
61.50	0.00	0.00	0.00	0.00
61.75	0.00	0.00	0.00	0.00
62.00	0.00	0.00	0.00	0.00
62.25	0.00	0.00	0.00	0.00
62.50	0.00	0.00	0.00	0.00
62.75	0.00	0.00	0.00	0.00
63.00	0.00	0.00	0.00	0.00
63.25	0.00	0.00	0.00	0.00
63.50	0.00	0.00	0.00	0.00
63.75	0.00	0.00	0.00	0.00

64.00	0.00	0.00	0.00	0.00
64.25	0.00	0.00	0.00	0.00
64.50	0.00	0.00	0.00	0.00
64.75	0.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	0.00
65.25	0.00	0.00	0.00	0.00
65.50	0.00	0.00	0.00	0.00
65.75	0.00	0.00	0.00	0.00
66.00	0.00	0.00	0.00	0.00
66.25	0.00	0.00	0.00	0.00
66.50	0.00	0.00	0.00	0.00
66.75	0.00	0.00	0.00	0.00
67.00	0.00	0.00	0.00	0.00
67.25	0.00	0.00	0.00	0.00
67.50	0.00	0.00	0.00	0.00
67.75	0.00	0.00	0.00	0.00
68.00	0.00	0.00	0.00	0.00
68.25	0.00	0.00	0.00	0.00
68.50	0.00	0.00	0.00	0.00
68.75	0.00	0.00	0.00	0.00
69.00	0.00	0.00	0.00	0.00
69.25	0.00	0.00	0.00	0.00
69.50	0.00	0.00	0.00	0.00
69.75	0.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	0.00
70.25	0.00	0.00	0.00	0.00
70.50	0.00	0.00	0.00	0.00
70.75	0.00	0.00	0.00	0.00
71.00	0.00	0.00	0.00	0.00
71.25	0.00	0.00	0.00	0.00
71.50	0.00	0.00	0.00	0.00
71.75	0.00	0.00	0.00	0.00
72.00	0.00	0.00	0.00	0.00

THE MAXIMUM DISCHARGE FROM CROSS SECTION 5 IS: 2.95 CFS AT TIME: 40.65 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 0.75 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 5

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00
13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	0.00
13.75	0.00	0.00	0.00	0.00
14.00	0.00	0.00	0.00	0.00
14.25	0.00	0.00	0.00	0.00
14.50	0.00	0.00	0.00	0.00
14.75	0.00	0.00	0.00	0.00
15.00	0.00	0.00	0.00	0.00
15.25	0.00	0.00	0.00	0.00
15.50	0.00	0.00	0.00	0.00

15.75	0.00	0.00	0.00	0.00
16.00	0.00	0.00	0.00	0.00
16.25	0.00	0.00	0.00	0.00
16.50	0.00	0.00	0.00	0.00
16.75	0.00	0.00	0.00	0.00
17.00	0.00	0.00	0.00	0.00
17.25	0.00	0.00	0.00	0.00
17.50	0.00	0.00	0.00	0.00
17.75	0.00	0.00	0.00	0.00
18.00	0.00	0.00	0.00	0.00
18.25	0.00	0.00	0.00	0.00
18.50	0.00	0.00	0.00	0.00
18.75	0.00	0.00	0.00	0.00
19.00	0.00	0.00	0.00	0.00
19.25	0.00	0.00	0.00	0.00
19.50	0.00	0.00	0.00	0.00
19.75	0.00	0.00	0.00	0.00
20.00	0.00	0.00	0.00	0.00
20.25	0.00	0.00	0.00	0.00
20.50	0.00	0.00	0.00	0.00
20.75	0.00	0.00	0.00	0.00
21.00	0.00	0.00	0.00	0.00
21.25	0.00	0.00	0.00	0.00
21.50	0.00	0.00	0.00	0.00
21.75	0.00	0.00	0.00	0.00
22.00	0.00	0.00	0.00	0.00
22.25	0.00	0.00	0.00	0.00
22.50	0.00	0.00	0.00	0.00
22.75	0.00	0.00	0.00	0.00
23.00	0.00	0.00	0.00	0.00
23.25	0.00	0.00	0.00	0.00
23.50	0.00	0.00	0.00	0.00
23.75	0.00	0.00	0.00	0.00
24.00	0.00	0.00	0.00	0.00
24.25	0.00	0.00	0.00	0.00
24.50	0.00	0.00	0.00	0.00
24.75	0.00	0.00	0.00	0.00
25.00	0.00	0.00	0.00	0.00
25.25	0.00	0.00	0.00	0.00
25.50	0.00	0.00	0.00	0.00
25.75	0.00	0.00	0.00	0.00
26.00	0.00	0.00	0.00	0.00
26.25	0.00	0.00	0.00	0.00
26.50	0.00	0.00	0.00	0.00
26.75	0.00	0.00	0.00	0.00
27.00	0.00	0.00	0.00	0.00
27.25	0.00	0.00	0.00	0.00
27.50	0.00	0.00	0.00	0.00
27.75	0.00	0.00	0.00	0.00
28.00	0.00	0.00	0.00	0.00
28.25	0.00	0.00	0.00	0.00
28.50	0.00	0.00	0.00	0.00
28.75	0.00	0.00	0.00	0.00
29.00	0.00	0.00	0.00	0.00
29.25	0.00	0.00	0.00	0.00
29.50	0.00	0.00	0.00	0.00
29.75	0.00	0.00	0.00	0.00
30.00	0.00	0.00	0.00	0.00
30.25	0.00	0.00	0.00	0.00
30.50	0.00	0.00	0.00	0.00
30.75	0.00	0.00	0.00	0.00
31.00	0.00	0.00	0.00	0.00
31.25	0.00	0.00	0.00	0.00
31.50	0.00	0.00	0.00	0.00
31.75	0.00	0.00	0.00	0.00
32.00	0.00	0.00	0.00	0.00
32.25	0.00	0.00	0.00	0.00
32.50	0.00	0.00	0.00	0.00
32.75	0.00	0.00	0.00	0.00
33.00	0.00	0.00	0.00	0.00
33.25	0.00	0.00	0.00	0.00
33.50	0.00	0.00	0.00	0.00
33.75	0.00	0.00	0.00	0.00
34.00	0.00	0.00	0.00	0.00
34.25	0.00	0.00	0.00	0.00
34.50	0.00	0.00	0.00	0.00
34.75	0.00	0.00	0.00	0.00
35.00	0.00	0.00	0.00	0.00
35.25	0.00	0.00	0.00	0.00
35.50	0.00	0.00	0.00	0.00
35.75	0.00	0.00	0.00	0.00
36.00	0.00	0.00	0.00	0.00
36.25	0.00	0.00	0.00	0.00
36.50	0.00	0.00	0.00	0.00
36.75	0.00	0.00	0.00	0.00
37.00	0.00	0.00	0.00	0.00
37.25	0.00	0.00	0.00	0.00
37.50	0.00	0.00	0.00	0.00
37.75	0.00	0.00	0.00	0.00
38.00	0.00	0.00	0.00	0.00
38.25	0.00	0.00	0.00	0.00
38.50	0.00	0.00	0.00	0.00
38.75	0.00	0.00	0.00	0.00
39.00	0.00	0.00	0.00	0.00
39.25	0.00	0.00	0.00	0.00
39.50	0.00	0.00	0.00	0.00
39.75	0.00	0.00	0.00	0.00
40.00	0.00	0.00	0.00	0.00
40.25	0.00	0.00	0.00	0.00
40.50	150.00	0.01	1.15	1.32
40.75	225.00	0.01	1.19	2.73
41.00	225.00	0.01	0.81	1.80
41.25	150.00	0.01	2.67	2.64
41.50	150.00	0.01	2.67	2.61
41.75	150.00	0.01	2.66	2.53
42.00	225.00	0.01	0.45	0.94

42.25	150.00	0.01	1.61	1.51
42.50	0.00	0.00	0.00	2.47
42.75	225.00	0.01	0.68	1.44
43.00	75.00	0.00	2.82	0.68
43.25	150.00	0.00	0.00	0.00
43.50	75.00	0.00	2.47	0.60
43.75	225.00	0.01	0.65	1.38
44.00	150.00	0.00	0.00	0.00
44.25	0.00	0.00	0.00	0.76
44.50	150.00	0.00	0.00	0.00
44.75	150.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	0.68
45.25	75.00	0.00	3.92	0.92
45.50	150.00	0.01	1.45	1.36
45.75	75.00	0.00	2.35	0.57
46.00	75.00	0.00	6.05	1.46
46.25	0.00	0.00	0.00	2.32
46.50	0.00	0.00	0.00	1.41
46.75	0.00	0.00	0.00	1.35
47.00	0.00	0.00	0.00	0.92
47.25	0.00	0.00	0.00	0.60
47.50	0.00	0.00	0.00	1.37
47.75	0.00	0.00	0.00	1.31
48.00	150.00	0.00	0.00	0.00
48.25	75.00	0.00	0.00	0.00
48.50	0.00	0.00	0.00	0.00
48.75	150.00	0.01	0.85	0.80
49.00	0.00	0.00	0.00	0.00
49.25	150.00	0.01	0.63	0.61
49.50	0.00	0.00	0.00	0.00
49.75	0.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	0.00
50.25	0.00	0.00	0.00	0.00
50.50	0.00	0.00	0.00	0.00
50.75	0.00	0.00	0.00	0.00
51.00	0.00	0.00	0.00	0.00
51.25	0.00	0.00	0.00	0.00
51.50	0.00	0.00	0.00	0.00
51.75	0.00	0.00	0.00	0.00
52.00	0.00	0.00	0.00	0.00
52.25	0.00	0.00	0.00	0.00
52.50	0.00	0.00	0.00	0.00
52.75	0.00	0.00	0.00	0.00
53.00	0.00	0.00	0.00	0.00
53.25	0.00	0.00	0.00	0.00
53.50	0.00	0.00	0.00	0.00
53.75	0.00	0.00	0.00	0.00
54.00	0.00	0.00	0.00	0.00
54.25	0.00	0.00	0.00	0.00
54.50	0.00	0.00	0.00	0.00
54.75	0.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	0.00
55.25	0.00	0.00	0.00	0.00
55.50	0.00	0.00	0.00	0.00
55.75	0.00	0.00	0.00	0.00
56.00	0.00	0.00	0.00	0.00
56.25	0.00	0.00	0.00	0.00
56.50	0.00	0.00	0.00	0.00
56.75	0.00	0.00	0.00	0.00
57.00	0.00	0.00	0.00	0.00
57.25	0.00	0.00	0.00	0.00
57.50	0.00	0.00	0.00	0.00
57.75	0.00	0.00	0.00	0.00
58.00	0.00	0.00	0.00	0.00
58.25	0.00	0.00	0.00	0.00
58.50	0.00	0.00	0.00	0.00
58.75	0.00	0.00	0.00	0.00
59.00	0.00	0.00	0.00	0.00
59.25	0.00	0.00	0.00	0.00
59.50	0.00	0.00	0.00	0.00
59.75	0.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	0.00
60.25	0.00	0.00	0.00	0.00
60.50	0.00	0.00	0.00	0.00
60.75	0.00	0.00	0.00	0.00
61.00	0.00	0.00	0.00	0.00
61.25	0.00	0.00	0.00	0.00
61.50	0.00	0.00	0.00	0.00
61.75	0.00	0.00	0.00	0.00
62.00	0.00	0.00	0.00	0.00
62.25	0.00	0.00	0.00	0.00
62.50	0.00	0.00	0.00	0.00
62.75	0.00	0.00	0.00	0.00
63.00	0.00	0.00	0.00	0.00
63.25	0.00	0.00	0.00	0.00
63.50	0.00	0.00	0.00	0.00
63.75	0.00	0.00	0.00	0.00
64.00	0.00	0.00	0.00	0.00
64.25	0.00	0.00	0.00	0.00
64.50	0.00	0.00	0.00	0.00
64.75	0.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	0.00
65.25	0.00	0.00	0.00	0.00
65.50	0.00	0.00	0.00	0.00
65.75	0.00	0.00	0.00	0.00
66.00	0.00	0.00	0.00	0.00
66.25	0.00	0.00	0.00	0.00
66.50	0.00	0.00	0.00	0.00
66.75	0.00	0.00	0.00	0.00
67.00	0.00	0.00	0.00	0.00
67.25	0.00	0.00	0.00	0.00
67.50	0.00	0.00	0.00	0.00
67.75	0.00	0.00	0.00	0.00
68.00	0.00	0.00	0.00	0.00
68.25	0.00	0.00	0.00	0.00
68.50	0.00	0.00	0.00	0.00

68.75	0.00	0.00	0.00	0.00
69.00	0.00	0.00	0.00	0.00
69.25	0.00	0.00	0.00	0.00
69.50	0.00	0.00	0.00	0.00
69.75	0.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	0.00
70.25	0.00	0.00	0.00	0.00
70.50	0.00	0.00	0.00	0.00
70.75	0.00	0.00	0.00	0.00
71.00	0.00	0.00	0.00	0.00
71.25	0.00	0.00	0.00	0.00
71.50	0.00	0.00	0.00	0.00
71.75	0.00	0.00	0.00	0.00
72.00	0.00	0.00	0.00	0.00

THE MAXIMUM DISCHARGE FROM CROSS SECTION 6 IS: 2680.31 CFS AT TIME: 16.34 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 1411.71 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 6

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	525.00	0.03	2.81	40.24
12.00	750.00	0.04	1.97	52.52
12.25	1050.00	0.05	1.33	64.81
12.50	1275.00	0.08	1.46	144.21
12.75	1800.00	0.14	1.16	283.27
13.00	2325.00	0.20	1.07	506.64
13.25	2475.00	0.24	1.10	646.59
13.50	2550.00	0.27	1.14	772.63
13.75	2550.00	0.30	1.33	1024.78
14.00	2625.00	0.32	1.46	1236.38
14.25	2550.00	0.36	1.52	1380.04
14.50	2550.00	0.38	1.59	1517.22
14.75	2550.00	0.40	1.66	1685.07
15.00	2550.00	0.42	1.76	1900.37
15.25	2625.00	0.45	1.79	2098.31
15.50	2625.00	0.47	1.86	2282.36
15.75	2625.00	0.49	1.93	2459.98
16.00	2625.00	0.50	1.98	2592.41
16.25	2625.00	0.51	2.01	2665.72
16.50	2625.00	0.50	2.02	2667.15
16.75	2625.00	0.49	1.99	2582.42
17.00	2625.00	0.48	1.94	2437.22
17.25	2625.00	0.46	1.88	2268.81
17.50	2625.00	0.44	1.81	2090.86
17.75	2625.00	0.42	1.75	1915.50
18.00	2550.00	0.40	1.74	1762.56
18.25	2625.00	0.38	1.63	1633.93
18.50	2625.00	0.37	1.58	1513.77
18.75	2550.00	0.35	1.58	1400.58
19.00	2550.00	0.33	1.52	1290.37
19.25	2550.00	0.32	1.47	1187.91
19.50	2550.00	0.30	1.42	1095.19
19.75	2550.00	0.29	1.37	1016.85
20.00	2475.00	0.28	1.36	945.01
20.25	2475.00	0.27	1.32	879.72

20.50	2550.00	0.26	1.26	821.92
20.75	2475.00	0.25	1.25	770.13
21.00	2475.00	0.24	1.22	721.83
21.25	2550.00	0.23	1.15	679.52
21.50	2475.00	0.22	1.16	642.23
21.75	2550.00	0.21	1.11	606.10
22.00	2550.00	0.21	1.08	577.95
22.25	2550.00	0.20	1.06	553.13
22.50	2475.00	0.20	1.07	530.87
22.75	2475.00	0.20	1.05	507.94
23.00	2475.00	0.19	1.03	488.68
23.25	2475.00	0.19	1.01	471.41
23.50	2475.00	0.19	1.01	468.05
23.75	2475.00	0.19	1.00	468.72
24.00	2475.00	0.19	1.00	470.72
24.25	2475.00	0.19	1.01	474.99
24.50	2475.00	0.19	1.02	483.02
24.75	2475.00	0.19	1.02	483.00
25.00	2475.00	0.19	1.01	470.78
25.25	2475.00	0.18	0.99	445.49
25.50	2475.00	0.17	0.97	417.91
25.75	2475.00	0.17	0.94	390.71
26.00	2475.00	0.16	0.92	369.66
26.25	2475.00	0.16	0.90	350.79
26.50	2475.00	0.15	0.88	329.04
26.75	2475.00	0.15	0.86	309.31
27.00	2400.00	0.14	0.86	290.65
27.25	2475.00	0.14	0.81	274.26
27.50	2475.00	0.13	0.79	256.86
27.75	2400.00	0.13	0.79	239.90
28.00	2400.00	0.12	0.77	226.86
28.25	2400.00	0.12	0.76	215.62
28.50	2475.00	0.12	0.71	202.20
28.75	2325.00	0.11	0.75	190.94
29.00	2250.00	0.10	0.77	179.97
29.25	2400.00	0.10	0.68	170.55
29.50	2175.00	0.10	0.75	159.47
29.75	2175.00	0.09	0.74	152.76
30.00	2475.00	0.10	0.59	143.08
30.25	2325.00	0.09	0.65	139.37
30.50	2325.00	0.09	0.62	128.35
30.75	2325.00	0.09	0.60	120.38
31.00	2100.00	0.08	0.67	113.02
31.25	2325.00	0.08	0.56	105.93
31.50	1950.00	0.07	0.71	101.08
31.75	1950.00	0.07	0.68	95.23
32.00	2025.00	0.07	0.62	88.02
32.25	1875.00	0.07	0.68	83.91
32.50	2025.00	0.07	0.57	76.67
32.75	2025.00	0.06	0.55	70.17
33.00	2100.00	0.06	0.49	64.68
33.25	1800.00	0.06	0.63	63.40
33.50	1800.00	0.05	0.61	59.07
33.75	1650.00	0.05	0.68	56.24
34.00	1650.00	0.05	0.64	52.10
34.25	1725.00	0.05	0.59	50.52
34.50	1650.00	0.05	0.60	46.62
34.75	1650.00	0.05	0.54	41.05
35.00	1650.00	0.04	0.52	37.89
35.25	1650.00	0.04	0.51	37.12
35.50	1425.00	0.04	0.60	33.90
35.75	1575.00	0.04	0.48	30.07
36.00	1575.00	0.04	0.45	27.88
36.25	1725.00	0.04	0.41	28.69
36.50	1350.00	0.03	0.58	26.64
36.75	1350.00	0.03	0.52	23.29
37.00	1125.00	0.03	0.71	23.25
37.25	1275.00	0.03	0.54	21.35
37.50	1425.00	0.03	0.39	18.27
37.75	1350.00	0.03	0.43	17.79
38.00	1200.00	0.03	0.56	18.93
38.25	1050.00	0.02	0.58	15.19
38.50	1350.00	0.03	0.42	16.52
38.75	1050.00	0.02	0.47	11.86
39.00	1125.00	0.02	0.52	14.14
39.25	975.00	0.02	0.59	12.35
39.50	900.00	0.02	0.65	11.84
39.75	1050.00	0.02	0.49	11.24
40.00	975.00	0.02	0.57	11.52
40.25	975.00	0.02	0.54	10.68
40.50	825.00	0.02	0.49	7.02
40.75	825.00	0.02	0.56	8.09
41.00	600.00	0.01	1.14	9.33
41.25	1050.00	0.02	0.37	8.01
41.50	975.00	0.02	0.49	9.35
41.75	825.00	0.02	0.57	7.94
42.00	825.00	0.02	0.46	6.46
42.25	675.00	0.01	0.73	7.15
42.50	900.00	0.02	0.51	8.09
42.75	975.00	0.02	0.39	7.37
43.00	600.00	0.01	0.59	4.59
43.25	750.00	0.02	0.57	6.45
43.50	600.00	0.01	0.92	6.94
43.75	525.00	0.01	1.17	6.80
44.00	750.00	0.01	0.26	2.81
44.25	675.00	0.01	0.58	5.04
44.50	600.00	0.01	0.52	3.63
44.75	600.00	0.01	0.18	1.26
45.00	675.00	0.01	0.33	2.80
45.25	525.00	0.01	0.92	4.75
45.50	525.00	0.01	0.89	4.51
45.75	450.00	0.01	1.35	5.03
46.00	525.00	0.01	0.70	3.42
46.25	525.00	0.01	1.10	5.30
46.50	600.00	0.01	0.53	3.27
46.75	375.00	0.01	1.54	3.78

47.00	375.00	0.01	0.98	2.39
47.25	375.00	0.01	1.44	3.43
47.50	300.00	0.01	2.21	3.41
47.75	225.00	0.00	3.00	2.61
48.00	300.00	0.01	1.15	1.73
48.25	375.00	0.01	1.08	2.49
48.50	375.00	0.01	1.18	2.70
48.75	0.00	0.00	0.00	1.35
49.00	225.00	0.00	1.50	1.25
49.25	150.00	0.00	1.27	0.46
49.50	75.00	0.00	9.71	0.89
49.75	0.00	0.00	0.00	0.63
50.00	0.00	0.00	0.00	1.37
50.25	75.00	0.00	5.71	0.73
50.50	75.00	0.00	1.27	0.17
50.75	75.00	0.00	1.30	0.18
51.00	0.00	0.00	0.00	0.71
51.25	0.00	0.00	0.00	0.00
51.50	0.00	0.00	0.00	1.51
51.75	0.00	0.00	0.00	0.00
52.00	75.00	0.00	0.00	0.00
52.25	0.00	0.00	0.00	0.18
52.50	0.00	0.00	0.00	0.00
52.75	0.00	0.00	0.00	0.00
53.00	0.00	0.00	0.00	0.00
53.25	0.00	0.00	0.00	0.00
53.50	0.00	0.00	0.00	0.00
53.75	0.00	0.00	0.00	0.00
54.00	0.00	0.00	0.00	0.00
54.25	0.00	0.00	0.00	0.00
54.50	0.00	0.00	0.00	0.00
54.75	0.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	0.00
55.25	0.00	0.00	0.00	0.00
55.50	0.00	0.00	0.00	0.00
55.75	0.00	0.00	0.00	0.00
56.00	0.00	0.00	0.00	0.00
56.25	0.00	0.00	0.00	0.00
56.50	0.00	0.00	0.00	0.00
56.75	0.00	0.00	0.00	0.00
57.00	0.00	0.00	0.00	0.00
57.25	0.00	0.00	0.00	0.00
57.50	0.00	0.00	0.00	0.00
57.75	0.00	0.00	0.00	0.00
58.00	0.00	0.00	0.00	0.00
58.25	0.00	0.00	0.00	0.00
58.50	0.00	0.00	0.00	0.00
58.75	0.00	0.00	0.00	0.00
59.00	0.00	0.00	0.00	0.00
59.25	0.00	0.00	0.00	0.00
59.50	0.00	0.00	0.00	0.00
59.75	0.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	0.00
60.25	0.00	0.00	0.00	0.00
60.50	0.00	0.00	0.00	0.00
60.75	0.00	0.00	0.00	0.00
61.00	0.00	0.00	0.00	0.00
61.25	0.00	0.00	0.00	0.00
61.50	0.00	0.00	0.00	0.00
61.75	0.00	0.00	0.00	0.00
62.00	0.00	0.00	0.00	0.00
62.25	0.00	0.00	0.00	0.00
62.50	0.00	0.00	0.00	0.00
62.75	0.00	0.00	0.00	0.00
63.00	0.00	0.00	0.00	0.00
63.25	0.00	0.00	0.00	0.00
63.50	0.00	0.00	0.00	0.00
63.75	0.00	0.00	0.00	0.00
64.00	0.00	0.00	0.00	0.00
64.25	0.00	0.00	0.00	0.00
64.50	0.00	0.00	0.00	0.00
64.75	0.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	0.00
65.25	0.00	0.00	0.00	0.00
65.50	0.00	0.00	0.00	0.00
65.75	0.00	0.00	0.00	0.00
66.00	0.00	0.00	0.00	0.00
66.25	0.00	0.00	0.00	0.00
66.50	0.00	0.00	0.00	0.00
66.75	0.00	0.00	0.00	0.00
67.00	0.00	0.00	0.00	0.00
67.25	0.00	0.00	0.00	0.00
67.50	0.00	0.00	0.00	0.00
67.75	0.00	0.00	0.00	0.00
68.00	0.00	0.00	0.00	0.00
68.25	0.00	0.00	0.00	0.00
68.50	0.00	0.00	0.00	0.00
68.75	0.00	0.00	0.00	0.00
69.00	0.00	0.00	0.00	0.00
69.25	0.00	0.00	0.00	0.00
69.50	0.00	0.00	0.00	0.00
69.75	0.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	0.00
70.25	0.00	0.00	0.00	0.00
70.50	0.00	0.00	0.00	0.00
70.75	0.00	0.00	0.00	0.00
71.00	0.00	0.00	0.00	0.00
71.25	0.00	0.00	0.00	0.00
71.50	0.00	0.00	0.00	0.00
71.75	0.00	0.00	0.00	0.00
72.00	0.00	0.00	0.00	0.00

THE MAXIMUM DISCHARGE FROM CROSS SECTION 7 IS: 22.39 CFS AT TIME: 15.72 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 5.24 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 7

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	75.00	0.01	0.75	0.47
12.75	150.00	0.01	0.24	0.52
13.00	0.00	0.00	0.00	0.00
13.25	150.00	0.01	0.08	0.16
13.50	300.00	0.04	0.32	3.71
13.75	525.00	0.06	0.24	7.26
14.00	450.00	0.06	0.35	8.72
14.25	600.00	0.07	0.27	11.42
14.50	525.00	0.07	0.33	11.51
14.75	600.00	0.08	0.27	12.28
15.00	600.00	0.08	0.30	13.97
15.25	525.00	0.07	0.47	16.67
15.50	450.00	0.06	0.67	17.79
15.75	375.00	0.06	0.85	18.38
16.00	300.00	0.09	0.60	15.87
16.25	525.00	0.07	0.54	18.80
16.50	525.00	0.07	0.42	14.43
16.75	300.00	0.08	0.47	11.47
17.00	300.00	0.07	0.31	6.94
17.25	150.00	0.05	1.07	8.48
17.50	300.00	0.07	0.30	6.31
17.75	375.00	0.04	0.43	6.97
18.00	225.00	0.06	0.40	5.02
18.25	225.00	0.05	0.42	4.63
18.50	150.00	0.04	0.60	3.29
18.75	225.00	0.04	0.35	3.29
19.00	75.00	0.02	1.70	2.30
19.25	225.00	0.04	0.33	2.92
19.50	225.00	0.04	0.27	2.65
19.75	75.00	0.01	1.77	1.93
20.00	150.00	0.03	0.23	1.00
20.25	150.00	0.03	0.19	0.82
20.50	0.00	0.00	0.00	0.00
20.75	0.00	0.00	0.00	0.00
21.00	0.00	0.00	0.00	0.00
21.25	75.00	0.01	0.93	0.88
21.50	0.00	0.00	0.00	0.00
21.75	0.00	0.00	0.00	0.00
22.00	75.00	0.00	0.00	0.00
22.25	0.00	0.00	0.00	0.00
22.50	225.00	0.00	0.00	0.00
22.75	0.00	0.00	0.00	0.00
23.00	0.00	0.00	0.00	0.00
23.25	0.00	0.00	0.00	0.00
23.50	0.00	0.00	0.00	0.00
23.75	75.00	0.00	0.00	0.00
24.00	0.00	0.00	0.00	0.00
24.25	0.00	0.00	0.00	0.00
24.50	0.00	0.00	0.00	0.00
24.75	0.00	0.00	0.00	0.00
25.00	0.00	0.00	0.00	0.00

25.25	0.00	0.00	0.00	0.00
25.50	0.00	0.00	0.00	0.00
25.75	0.00	0.00	0.00	0.00
26.00	0.00	0.00	0.00	0.00
26.25	0.00	0.00	0.00	0.00
26.50	0.00	0.00	0.00	0.00
26.75	0.00	0.00	0.00	0.00
27.00	0.00	0.00	0.00	0.00
27.25	0.00	0.00	0.00	0.00
27.50	0.00	0.00	0.00	0.00
27.75	0.00	0.00	0.00	0.00
28.00	0.00	0.00	0.00	0.00
28.25	0.00	0.00	0.00	0.00
28.50	0.00	0.00	0.00	0.00
28.75	0.00	0.00	0.00	0.00
29.00	0.00	0.00	0.00	0.00
29.25	0.00	0.00	0.00	0.00
29.50	0.00	0.00	0.00	0.00
29.75	0.00	0.00	0.00	0.00
30.00	0.00	0.00	0.00	0.00
30.25	0.00	0.00	0.00	0.00
30.50	0.00	0.00	0.00	0.00
30.75	0.00	0.00	0.00	0.00
31.00	0.00	0.00	0.00	0.00
31.25	0.00	0.00	0.00	0.00
31.50	0.00	0.00	0.00	0.00
31.75	0.00	0.00	0.00	0.00
32.00	0.00	0.00	0.00	0.00
32.25	0.00	0.00	0.00	0.00
32.50	0.00	0.00	0.00	0.00
32.75	0.00	0.00	0.00	0.00
33.00	0.00	0.00	0.00	0.00
33.25	0.00	0.00	0.00	0.00
33.50	0.00	0.00	0.00	0.00
33.75	0.00	0.00	0.00	0.00
34.00	0.00	0.00	0.00	0.00
34.25	0.00	0.00	0.00	0.00
34.50	0.00	0.00	0.00	0.00
34.75	0.00	0.00	0.00	0.00
35.00	0.00	0.00	0.00	0.00
35.25	0.00	0.00	0.00	0.00
35.50	0.00	0.00	0.00	0.00
35.75	0.00	0.00	0.00	0.00
36.00	0.00	0.00	0.00	0.00
36.25	0.00	0.00	0.00	0.00
36.50	0.00	0.00	0.00	0.00
36.75	0.00	0.00	0.00	0.00
37.00	0.00	0.00	0.00	0.00
37.25	0.00	0.00	0.00	0.00
37.50	0.00	0.00	0.00	0.00
37.75	0.00	0.00	0.00	0.00
38.00	0.00	0.00	0.00	0.00
38.25	0.00	0.00	0.00	0.00
38.50	0.00	0.00	0.00	0.00
38.75	0.00	0.00	0.00	0.00
39.00	0.00	0.00	0.00	0.00
39.25	0.00	0.00	0.00	0.00
39.50	0.00	0.00	0.00	0.00
39.75	0.00	0.00	0.00	0.00
40.00	0.00	0.00	0.00	0.00
40.25	0.00	0.00	0.00	0.00
40.50	0.00	0.00	0.00	0.00
40.75	0.00	0.00	0.00	0.00
41.00	0.00	0.00	0.00	0.00
41.25	0.00	0.00	0.00	0.00
41.50	0.00	0.00	0.00	0.00
41.75	0.00	0.00	0.00	0.00
42.00	0.00	0.00	0.00	0.00
42.25	0.00	0.00	0.00	0.00
42.50	0.00	0.00	0.00	0.00
42.75	0.00	0.00	0.00	0.00
43.00	0.00	0.00	0.00	0.00
43.25	0.00	0.00	0.00	0.00
43.50	0.00	0.00	0.00	0.00
43.75	0.00	0.00	0.00	0.00
44.00	0.00	0.00	0.00	0.00
44.25	0.00	0.00	0.00	0.00
44.50	0.00	0.00	0.00	0.00
44.75	0.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	0.00
45.25	0.00	0.00	0.00	0.00
45.50	0.00	0.00	0.00	0.00
45.75	0.00	0.00	0.00	0.00
46.00	0.00	0.00	0.00	0.00
46.25	0.00	0.00	0.00	0.00
46.50	0.00	0.00	0.00	0.00
46.75	0.00	0.00	0.00	0.00
47.00	0.00	0.00	0.00	0.00
47.25	0.00	0.00	0.00	0.00
47.50	0.00	0.00	0.00	0.00
47.75	0.00	0.00	0.00	0.00
48.00	0.00	0.00	0.00	0.00
48.25	0.00	0.00	0.00	0.00
48.50	0.00	0.00	0.00	0.00
48.75	0.00	0.00	0.00	0.00
49.00	0.00	0.00	0.00	0.00
49.25	0.00	0.00	0.00	0.00
49.50	0.00	0.00	0.00	0.00
49.75	0.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	0.00
50.25	0.00	0.00	0.00	0.00
50.50	0.00	0.00	0.00	0.00
50.75	0.00	0.00	0.00	0.00
51.00	0.00	0.00	0.00	0.00
51.25	0.00	0.00	0.00	0.00
51.50	0.00	0.00	0.00	0.00

51.75	0.00	0.00	0.00	0.00
52.00	0.00	0.00	0.00	0.00
52.25	0.00	0.00	0.00	0.00
52.50	0.00	0.00	0.00	0.00
52.75	0.00	0.00	0.00	0.00
53.00	0.00	0.00	0.00	0.00
53.25	0.00	0.00	0.00	0.00
53.50	0.00	0.00	0.00	0.00
53.75	0.00	0.00	0.00	0.00
54.00	0.00	0.00	0.00	0.00
54.25	0.00	0.00	0.00	0.00
54.50	0.00	0.00	0.00	0.00
54.75	0.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	0.00
55.25	0.00	0.00	0.00	0.00
55.50	0.00	0.00	0.00	0.00
55.75	0.00	0.00	0.00	0.00
56.00	0.00	0.00	0.00	0.00
56.25	0.00	0.00	0.00	0.00
56.50	0.00	0.00	0.00	0.00
56.75	0.00	0.00	0.00	0.00
57.00	0.00	0.00	0.00	0.00
57.25	0.00	0.00	0.00	0.00
57.50	0.00	0.00	0.00	0.00
57.75	0.00	0.00	0.00	0.00
58.00	0.00	0.00	0.00	0.00
58.25	0.00	0.00	0.00	0.00
58.50	0.00	0.00	0.00	0.00
58.75	0.00	0.00	0.00	0.00
59.00	0.00	0.00	0.00	0.00
59.25	0.00	0.00	0.00	0.00
59.50	0.00	0.00	0.00	0.00
59.75	0.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	0.00
60.25	0.00	0.00	0.00	0.00
60.50	0.00	0.00	0.00	0.00
60.75	0.00	0.00	0.00	0.00
61.00	0.00	0.00	0.00	0.00
61.25	0.00	0.00	0.00	0.00
61.50	0.00	0.00	0.00	0.00
61.75	0.00	0.00	0.00	0.00
62.00	0.00	0.00	0.00	0.00
62.25	0.00	0.00	0.00	0.00
62.50	0.00	0.00	0.00	0.00
62.75	0.00	0.00	0.00	0.00
63.00	0.00	0.00	0.00	0.00
63.25	0.00	0.00	0.00	0.00
63.50	0.00	0.00	0.00	0.00
63.75	0.00	0.00	0.00	0.00
64.00	0.00	0.00	0.00	0.00
64.25	0.00	0.00	0.00	0.00
64.50	0.00	0.00	0.00	0.00
64.75	0.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	0.00
65.25	0.00	0.00	0.00	0.00
65.50	0.00	0.00	0.00	0.00
65.75	0.00	0.00	0.00	0.00
66.00	0.00	0.00	0.00	0.00
66.25	0.00	0.00	0.00	0.00
66.50	0.00	0.00	0.00	0.00
66.75	0.00	0.00	0.00	0.00
67.00	0.00	0.00	0.00	0.00
67.25	0.00	0.00	0.00	0.00
67.50	0.00	0.00	0.00	0.00
67.75	0.00	0.00	0.00	0.00
68.00	0.00	0.00	0.00	0.00
68.25	0.00	0.00	0.00	0.00
68.50	0.00	0.00	0.00	0.00
68.75	0.00	0.00	0.00	0.00
69.00	0.00	0.00	0.00	0.00
69.25	0.00	0.00	0.00	0.00
69.50	0.00	0.00	0.00	0.00
69.75	0.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	0.00
70.25	0.00	0.00	0.00	0.00
70.50	0.00	0.00	0.00	0.00
70.75	0.00	0.00	0.00	0.00
71.00	0.00	0.00	0.00	0.00
71.25	0.00	0.00	0.00	0.00
71.50	0.00	0.00	0.00	0.00
71.75	0.00	0.00	0.00	0.00
72.00	0.00	0.00	0.00	0.00

THE MAXIMUM DISCHARGE FROM CROSS SECTION 8 IS: 363.65 CFS AT TIME: 17.48 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 154.15 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 8

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00

3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00
13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	0.00
13.75	0.00	0.00	0.00	0.00
14.00	0.00	0.00	0.00	0.00
14.25	0.00	0.00	0.00	0.00
14.50	0.00	0.00	0.00	0.00
14.75	0.00	0.00	0.00	0.00
15.00	0.00	0.00	0.00	0.00
15.25	0.00	0.00	0.00	0.00
15.50	0.00	0.00	0.00	0.00
15.75	0.00	0.00	0.00	0.00
16.00	0.00	0.00	0.00	0.00
16.25	750.00	0.15	1.95	218.98
16.50	900.00	0.17	1.76	268.70
16.75	900.00	0.18	1.85	298.00
17.00	825.00	0.18	2.13	318.06
17.25	900.00	0.20	2.00	353.75
17.50	825.00	0.19	2.26	361.94
17.75	900.00	0.20	1.99	351.56
18.00	900.00	0.19	1.95	336.86
18.25	900.00	0.18	1.89	313.83
18.50	900.00	0.18	1.84	295.66
18.75	825.00	0.17	1.97	273.94
19.00	900.00	0.17	1.69	254.32
19.25	900.00	0.16	1.65	241.88
19.50	900.00	0.16	1.60	226.83
19.75	900.00	0.15	1.55	213.38
20.00	825.00	0.14	1.66	195.84
20.25	825.00	0.14	1.61	182.11
20.50	825.00	0.13	1.56	169.86
20.75	825.00	0.13	1.49	156.21
21.00	825.00	0.12	1.43	145.35
21.25	900.00	0.12	1.21	134.53
21.50	900.00	0.12	1.19	126.63
21.75	900.00	0.12	1.12	115.98
22.00	825.00	0.11	1.24	110.30
22.25	825.00	0.11	1.18	102.02
22.50	825.00	0.10	1.11	93.19
22.75	825.00	0.10	1.08	87.98
23.00	825.00	0.10	0.97	77.49
23.25	825.00	0.10	0.97	76.52
23.50	825.00	0.09	0.98	74.85
23.75	825.00	0.09	0.88	65.35
24.00	750.00	0.08	0.99	62.51
24.25	750.00	0.08	0.97	58.32
24.50	750.00	0.08	0.93	55.09
24.75	825.00	0.08	0.77	50.90
25.00	825.00	0.08	0.74	48.24
25.25	825.00	0.08	0.73	46.78
25.50	750.00	0.07	0.81	44.13
25.75	750.00	0.07	0.74	39.74
26.00	750.00	0.07	0.72	37.85
26.25	825.00	0.07	0.58	35.02
26.50	900.00	0.08	0.51	34.78
26.75	825.00	0.07	0.57	33.62
27.00	825.00	0.07	0.61	36.63
27.25	825.00	0.08	0.65	40.29
27.50	825.00	0.08	0.68	43.27
27.75	825.00	0.08	0.70	44.56
28.00	825.00	0.08	0.66	41.64
28.25	825.00	0.07	0.62	37.88
28.50	825.00	0.07	0.58	34.96
28.75	825.00	0.07	0.55	31.60
29.00	750.00	0.06	0.66	31.07
29.25	825.00	0.06	0.53	28.16
29.50	825.00	0.06	0.50	25.71
29.75	825.00	0.06	0.47	23.95

30.00	825.00	0.06	0.40	19.86
30.25	750.00	0.05	0.51	20.96
30.50	825.00	0.06	0.40	18.60
30.75	750.00	0.05	0.50	18.70
31.00	600.00	0.04	0.74	18.09
31.25	525.00	0.04	0.90	17.03
31.50	675.00	0.04	0.45	13.48
31.75	675.00	0.04	0.46	13.37
32.00	675.00	0.04	0.46	12.97
32.25	525.00	0.03	0.65	11.12
32.50	525.00	0.03	0.49	8.15
32.75	675.00	0.04	0.39	10.64
33.00	450.00	0.03	0.81	9.80
33.25	450.00	0.03	0.69	10.47
33.50	300.00	0.02	1.11	6.70
33.75	300.00	0.02	1.46	7.29
34.00	150.00	0.01	2.40	3.43
34.25	0.00	0.00	0.00	1.30
34.50	150.00	0.01	0.48	0.96
34.75	0.00	0.00	0.00	0.00
35.00	225.00	0.01	0.84	2.59
35.25	75.00	0.01	3.31	1.46
35.50	0.00	0.00	0.00	0.00
35.75	0.00	0.00	0.00	0.00
36.00	0.00	0.00	0.00	0.00
36.25	0.00	0.00	0.00	1.16
36.50	0.00	0.00	0.00	0.00
36.75	0.00	0.00	0.00	0.00
37.00	0.00	0.00	0.00	0.00
37.25	0.00	0.00	0.00	0.00
37.50	0.00	0.00	0.00	0.00
37.75	0.00	0.00	0.00	0.00
38.00	0.00	0.00	0.00	0.00
38.25	0.00	0.00	0.00	0.00
38.50	0.00	0.00	0.00	0.00
38.75	0.00	0.00	0.00	0.00
39.00	0.00	0.00	0.00	0.00
39.25	0.00	0.00	0.00	0.00
39.50	0.00	0.00	0.00	0.00
39.75	0.00	0.00	0.00	0.00
40.00	0.00	0.00	0.00	0.00
40.25	0.00	0.00	0.00	0.00
40.50	0.00	0.00	0.00	0.00
40.75	0.00	0.00	0.00	0.00
41.00	0.00	0.00	0.00	0.00
41.25	0.00	0.00	0.00	0.00
41.50	0.00	0.00	0.00	0.00
41.75	0.00	0.00	0.00	0.00
42.00	0.00	0.00	0.00	0.00
42.25	0.00	0.00	0.00	0.00
42.50	0.00	0.00	0.00	0.00
42.75	0.00	0.00	0.00	0.00
43.00	0.00	0.00	0.00	0.00
43.25	0.00	0.00	0.00	0.00
43.50	0.00	0.00	0.00	0.00
43.75	0.00	0.00	0.00	0.00
44.00	0.00	0.00	0.00	0.00
44.25	0.00	0.00	0.00	0.00
44.50	0.00	0.00	0.00	0.00
44.75	0.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	0.00
45.25	0.00	0.00	0.00	0.00
45.50	0.00	0.00	0.00	0.00
45.75	0.00	0.00	0.00	0.00
46.00	0.00	0.00	0.00	0.00
46.25	0.00	0.00	0.00	0.00
46.50	0.00	0.00	0.00	0.00
46.75	0.00	0.00	0.00	0.00
47.00	0.00	0.00	0.00	0.00
47.25	0.00	0.00	0.00	0.00
47.50	0.00	0.00	0.00	0.00
47.75	0.00	0.00	0.00	0.00
48.00	0.00	0.00	0.00	0.00
48.25	0.00	0.00	0.00	0.00
48.50	0.00	0.00	0.00	0.00
48.75	0.00	0.00	0.00	0.00
49.00	0.00	0.00	0.00	0.00
49.25	0.00	0.00	0.00	0.00
49.50	0.00	0.00	0.00	0.00
49.75	0.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	0.00
50.25	0.00	0.00	0.00	0.00
50.50	0.00	0.00	0.00	0.00
50.75	0.00	0.00	0.00	0.00
51.00	0.00	0.00	0.00	0.00
51.25	0.00	0.00	0.00	0.00
51.50	0.00	0.00	0.00	0.00
51.75	0.00	0.00	0.00	0.00
52.00	0.00	0.00	0.00	0.00
52.25	0.00	0.00	0.00	0.00
52.50	0.00	0.00	0.00	0.00
52.75	0.00	0.00	0.00	0.00
53.00	0.00	0.00	0.00	0.00
53.25	0.00	0.00	0.00	0.00
53.50	0.00	0.00	0.00	0.00
53.75	0.00	0.00	0.00	0.00
54.00	0.00	0.00	0.00	0.00
54.25	0.00	0.00	0.00	0.00
54.50	0.00	0.00	0.00	0.00
54.75	0.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	0.00
55.25	0.00	0.00	0.00	0.00
55.50	0.00	0.00	0.00	0.00
55.75	0.00	0.00	0.00	0.00
56.00	0.00	0.00	0.00	0.00
56.25	0.00	0.00	0.00	0.00

56.50	0.00	0.00	0.00	0.00
56.75	0.00	0.00	0.00	0.00
57.00	0.00	0.00	0.00	0.00
57.25	0.00	0.00	0.00	0.00
57.50	0.00	0.00	0.00	0.00
57.75	0.00	0.00	0.00	0.00
58.00	0.00	0.00	0.00	0.00
58.25	0.00	0.00	0.00	0.00
58.50	0.00	0.00	0.00	0.00
58.75	0.00	0.00	0.00	0.00
59.00	0.00	0.00	0.00	0.00
59.25	0.00	0.00	0.00	0.00
59.50	0.00	0.00	0.00	0.00
59.75	0.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	0.00
60.25	0.00	0.00	0.00	0.00
60.50	0.00	0.00	0.00	0.00
60.75	0.00	0.00	0.00	0.00
61.00	0.00	0.00	0.00	0.00
61.25	0.00	0.00	0.00	0.00
61.50	0.00	0.00	0.00	0.00
61.75	0.00	0.00	0.00	0.00
62.00	0.00	0.00	0.00	0.00
62.25	0.00	0.00	0.00	0.00
62.50	0.00	0.00	0.00	0.00
62.75	0.00	0.00	0.00	0.00
63.00	0.00	0.00	0.00	0.00
63.25	0.00	0.00	0.00	0.00
63.50	0.00	0.00	0.00	0.00
63.75	0.00	0.00	0.00	0.00
64.00	0.00	0.00	0.00	0.00
64.25	0.00	0.00	0.00	0.00
64.50	0.00	0.00	0.00	0.00
64.75	0.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	0.00
65.25	0.00	0.00	0.00	0.00
65.50	0.00	0.00	0.00	0.00
65.75	0.00	0.00	0.00	0.00
66.00	0.00	0.00	0.00	0.00
66.25	0.00	0.00	0.00	0.00
66.50	0.00	0.00	0.00	0.00
66.75	0.00	0.00	0.00	0.00
67.00	0.00	0.00	0.00	0.00
67.25	0.00	0.00	0.00	0.00
67.50	0.00	0.00	0.00	0.00
67.75	0.00	0.00	0.00	0.00
68.00	0.00	0.00	0.00	0.00
68.25	0.00	0.00	0.00	0.00
68.50	0.00	0.00	0.00	0.00
68.75	0.00	0.00	0.00	0.00
69.00	0.00	0.00	0.00	0.00
69.25	0.00	0.00	0.00	0.00
69.50	0.00	0.00	0.00	0.00
69.75	0.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	0.00
70.25	0.00	0.00	0.00	0.00
70.50	0.00	0.00	0.00	0.00
70.75	0.00	0.00	0.00	0.00
71.00	0.00	0.00	0.00	0.00
71.25	0.00	0.00	0.00	0.00
71.50	0.00	0.00	0.00	0.00
71.75	0.00	0.00	0.00	0.00
72.00	0.00	0.00	0.00	0.00

THE MAXIMUM DISCHARGE FROM CROSS SECTION 9 IS: 0.00 CFS AT TIME: 0.00 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 0.00 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 9

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00

8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00
13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	0.00
13.75	0.00	0.00	0.00	0.00
14.00	0.00	0.00	0.00	0.00
14.25	0.00	0.00	0.00	0.00
14.50	0.00	0.00	0.00	0.00
14.75	0.00	0.00	0.00	0.00
15.00	0.00	0.00	0.00	0.00
15.25	0.00	0.00	0.00	0.00
15.50	0.00	0.00	0.00	0.00
15.75	0.00	0.00	0.00	0.00
16.00	0.00	0.00	0.00	0.00
16.25	0.00	0.00	0.00	0.00
16.50	0.00	0.00	0.00	0.00
16.75	0.00	0.00	0.00	0.00
17.00	0.00	0.00	0.00	0.00
17.25	0.00	0.00	0.00	0.00
17.50	0.00	0.00	0.00	0.00
17.75	0.00	0.00	0.00	0.00
18.00	0.00	0.00	0.00	0.00
18.25	0.00	0.00	0.00	0.00
18.50	0.00	0.00	0.00	0.00
18.75	0.00	0.00	0.00	0.00
19.00	0.00	0.00	0.00	0.00
19.25	0.00	0.00	0.00	0.00
19.50	0.00	0.00	0.00	0.00
19.75	0.00	0.00	0.00	0.00
20.00	0.00	0.00	0.00	0.00
20.25	0.00	0.00	0.00	0.00
20.50	0.00	0.00	0.00	0.00
20.75	0.00	0.00	0.00	0.00
21.00	0.00	0.00	0.00	0.00
21.25	0.00	0.00	0.00	0.00
21.50	0.00	0.00	0.00	0.00
21.75	0.00	0.00	0.00	0.00
22.00	0.00	0.00	0.00	0.00
22.25	0.00	0.00	0.00	0.00
22.50	0.00	0.00	0.00	0.00
22.75	0.00	0.00	0.00	0.00
23.00	0.00	0.00	0.00	0.00
23.25	0.00	0.00	0.00	0.00
23.50	0.00	0.00	0.00	0.00
23.75	0.00	0.00	0.00	0.00
24.00	0.00	0.00	0.00	0.00
24.25	0.00	0.00	0.00	0.00
24.50	0.00	0.00	0.00	0.00
24.75	0.00	0.00	0.00	0.00
25.00	0.00	0.00	0.00	0.00
25.25	0.00	0.00	0.00	0.00
25.50	0.00	0.00	0.00	0.00
25.75	0.00	0.00	0.00	0.00
26.00	0.00	0.00	0.00	0.00
26.25	0.00	0.00	0.00	0.00
26.50	0.00	0.00	0.00	0.00
26.75	0.00	0.00	0.00	0.00
27.00	0.00	0.00	0.00	0.00
27.25	0.00	0.00	0.00	0.00
27.50	0.00	0.00	0.00	0.00
27.75	0.00	0.00	0.00	0.00
28.00	0.00	0.00	0.00	0.00
28.25	0.00	0.00	0.00	0.00
28.50	0.00	0.00	0.00	0.00
28.75	0.00	0.00	0.00	0.00
29.00	0.00	0.00	0.00	0.00
29.25	0.00	0.00	0.00	0.00
29.50	0.00	0.00	0.00	0.00
29.75	0.00	0.00	0.00	0.00
30.00	0.00	0.00	0.00	0.00
30.25	0.00	0.00	0.00	0.00
30.50	0.00	0.00	0.00	0.00
30.75	0.00	0.00	0.00	0.00
31.00	0.00	0.00	0.00	0.00
31.25	0.00	0.00	0.00	0.00
31.50	0.00	0.00	0.00	0.00
31.75	0.00	0.00	0.00	0.00
32.00	0.00	0.00	0.00	0.00
32.25	0.00	0.00	0.00	0.00
32.50	0.00	0.00	0.00	0.00
32.75	0.00	0.00	0.00	0.00
33.00	0.00	0.00	0.00	0.00
33.25	0.00	0.00	0.00	0.00
33.50	0.00	0.00	0.00	0.00
33.75	0.00	0.00	0.00	0.00
34.00	0.00	0.00	0.00	0.00
34.25	0.00	0.00	0.00	0.00
34.50	0.00	0.00	0.00	0.00

34.75	0.00	0.00	0.00	0.00
35.00	0.00	0.00	0.00	0.00
35.25	0.00	0.00	0.00	0.00
35.50	0.00	0.00	0.00	0.00
35.75	0.00	0.00	0.00	0.00
36.00	0.00	0.00	0.00	0.00
36.25	0.00	0.00	0.00	0.00
36.50	0.00	0.00	0.00	0.00
36.75	0.00	0.00	0.00	0.00
37.00	0.00	0.00	0.00	0.00
37.25	0.00	0.00	0.00	0.00
37.50	0.00	0.00	0.00	0.00
37.75	0.00	0.00	0.00	0.00
38.00	0.00	0.00	0.00	0.00
38.25	0.00	0.00	0.00	0.00
38.50	0.00	0.00	0.00	0.00
38.75	0.00	0.00	0.00	0.00
39.00	0.00	0.00	0.00	0.00
39.25	0.00	0.00	0.00	0.00
39.50	0.00	0.00	0.00	0.00
39.75	0.00	0.00	0.00	0.00
40.00	0.00	0.00	0.00	0.00
40.25	0.00	0.00	0.00	0.00
40.50	0.00	0.00	0.00	0.00
40.75	0.00	0.00	0.00	0.00
41.00	0.00	0.00	0.00	0.00
41.25	0.00	0.00	0.00	0.00
41.50	0.00	0.00	0.00	0.00
41.75	0.00	0.00	0.00	0.00
42.00	0.00	0.00	0.00	0.00
42.25	0.00	0.00	0.00	0.00
42.50	0.00	0.00	0.00	0.00
42.75	0.00	0.00	0.00	0.00
43.00	0.00	0.00	0.00	0.00
43.25	0.00	0.00	0.00	0.00
43.50	0.00	0.00	0.00	0.00
43.75	0.00	0.00	0.00	0.00
44.00	0.00	0.00	0.00	0.00
44.25	0.00	0.00	0.00	0.00
44.50	0.00	0.00	0.00	0.00
44.75	0.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	0.00
45.25	0.00	0.00	0.00	0.00
45.50	0.00	0.00	0.00	0.00
45.75	0.00	0.00	0.00	0.00
46.00	0.00	0.00	0.00	0.00
46.25	0.00	0.00	0.00	0.00
46.50	0.00	0.00	0.00	0.00
46.75	0.00	0.00	0.00	0.00
47.00	0.00	0.00	0.00	0.00
47.25	0.00	0.00	0.00	0.00
47.50	0.00	0.00	0.00	0.00
47.75	0.00	0.00	0.00	0.00
48.00	0.00	0.00	0.00	0.00
48.25	0.00	0.00	0.00	0.00
48.50	0.00	0.00	0.00	0.00
48.75	0.00	0.00	0.00	0.00
49.00	0.00	0.00	0.00	0.00
49.25	0.00	0.00	0.00	0.00
49.50	0.00	0.00	0.00	0.00
49.75	0.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	0.00
50.25	0.00	0.00	0.00	0.00
50.50	0.00	0.00	0.00	0.00
50.75	0.00	0.00	0.00	0.00
51.00	0.00	0.00	0.00	0.00
51.25	0.00	0.00	0.00	0.00
51.50	0.00	0.00	0.00	0.00
51.75	0.00	0.00	0.00	0.00
52.00	0.00	0.00	0.00	0.00
52.25	0.00	0.00	0.00	0.00
52.50	0.00	0.00	0.00	0.00
52.75	0.00	0.00	0.00	0.00
53.00	0.00	0.00	0.00	0.00
53.25	0.00	0.00	0.00	0.00
53.50	0.00	0.00	0.00	0.00
53.75	0.00	0.00	0.00	0.00
54.00	0.00	0.00	0.00	0.00
54.25	0.00	0.00	0.00	0.00
54.50	0.00	0.00	0.00	0.00
54.75	0.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	0.00
55.25	0.00	0.00	0.00	0.00
55.50	0.00	0.00	0.00	0.00
55.75	0.00	0.00	0.00	0.00
56.00	0.00	0.00	0.00	0.00
56.25	0.00	0.00	0.00	0.00
56.50	0.00	0.00	0.00	0.00
56.75	0.00	0.00	0.00	0.00
57.00	0.00	0.00	0.00	0.00
57.25	0.00	0.00	0.00	0.00
57.50	0.00	0.00	0.00	0.00
57.75	0.00	0.00	0.00	0.00
58.00	0.00	0.00	0.00	0.00
58.25	0.00	0.00	0.00	0.00
58.50	0.00	0.00	0.00	0.00
58.75	0.00	0.00	0.00	0.00
59.00	0.00	0.00	0.00	0.00
59.25	0.00	0.00	0.00	0.00
59.50	0.00	0.00	0.00	0.00
59.75	0.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	0.00
60.25	0.00	0.00	0.00	0.00
60.50	0.00	0.00	0.00	0.00
60.75	0.00	0.00	0.00	0.00
61.00	0.00	0.00	0.00	0.00

61.25	0.00	0.00	0.00	0.00
61.50	0.00	0.00	0.00	0.00
61.75	0.00	0.00	0.00	0.00
62.00	0.00	0.00	0.00	0.00
62.25	0.00	0.00	0.00	0.00
62.50	0.00	0.00	0.00	0.00
62.75	0.00	0.00	0.00	0.00
63.00	0.00	0.00	0.00	0.00
63.25	0.00	0.00	0.00	0.00
63.50	0.00	0.00	0.00	0.00
63.75	0.00	0.00	0.00	0.00
64.00	0.00	0.00	0.00	0.00
64.25	0.00	0.00	0.00	0.00
64.50	0.00	0.00	0.00	0.00
64.75	0.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	0.00
65.25	0.00	0.00	0.00	0.00
65.50	0.00	0.00	0.00	0.00
65.75	0.00	0.00	0.00	0.00
66.00	0.00	0.00	0.00	0.00
66.25	0.00	0.00	0.00	0.00
66.50	0.00	0.00	0.00	0.00
66.75	0.00	0.00	0.00	0.00
67.00	0.00	0.00	0.00	0.00
67.25	0.00	0.00	0.00	0.00
67.50	0.00	0.00	0.00	0.00
67.75	0.00	0.00	0.00	0.00
68.00	0.00	0.00	0.00	0.00
68.25	0.00	0.00	0.00	0.00
68.50	0.00	0.00	0.00	0.00
68.75	0.00	0.00	0.00	0.00
69.00	0.00	0.00	0.00	0.00
69.25	0.00	0.00	0.00	0.00
69.50	0.00	0.00	0.00	0.00
69.75	0.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	0.00
70.25	0.00	0.00	0.00	0.00
70.50	0.00	0.00	0.00	0.00
70.75	0.00	0.00	0.00	0.00
71.00	0.00	0.00	0.00	0.00
71.25	0.00	0.00	0.00	0.00
71.50	0.00	0.00	0.00	0.00
71.75	0.00	0.00	0.00	0.00
72.00	0.00	0.00	0.00	0.00

THE MAXIMUM DISCHARGE FROM CROSS SECTION 10 IS: 0.00 CFS AT TIME: 0.00 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 0.00 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 10

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00

13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	0.00
13.75	0.00	0.00	0.00	0.00
14.00	0.00	0.00	0.00	0.00
14.25	0.00	0.00	0.00	0.00
14.50	0.00	0.00	0.00	0.00
14.75	0.00	0.00	0.00	0.00
15.00	0.00	0.00	0.00	0.00
15.25	0.00	0.00	0.00	0.00
15.50	0.00	0.00	0.00	0.00
15.75	0.00	0.00	0.00	0.00
16.00	0.00	0.00	0.00	0.00
16.25	0.00	0.00	0.00	0.00
16.50	0.00	0.00	0.00	0.00
16.75	0.00	0.00	0.00	0.00
17.00	0.00	0.00	0.00	0.00
17.25	0.00	0.00	0.00	0.00
17.50	0.00	0.00	0.00	0.00
17.75	0.00	0.00	0.00	0.00
18.00	0.00	0.00	0.00	0.00
18.25	0.00	0.00	0.00	0.00
18.50	0.00	0.00	0.00	0.00
18.75	0.00	0.00	0.00	0.00
19.00	0.00	0.00	0.00	0.00
19.25	0.00	0.00	0.00	0.00
19.50	0.00	0.00	0.00	0.00
19.75	0.00	0.00	0.00	0.00
20.00	0.00	0.00	0.00	0.00
20.25	0.00	0.00	0.00	0.00
20.50	0.00	0.00	0.00	0.00
20.75	0.00	0.00	0.00	0.00
21.00	0.00	0.00	0.00	0.00
21.25	0.00	0.00	0.00	0.00
21.50	0.00	0.00	0.00	0.00
21.75	0.00	0.00	0.00	0.00
22.00	0.00	0.00	0.00	0.00
22.25	0.00	0.00	0.00	0.00
22.50	0.00	0.00	0.00	0.00
22.75	0.00	0.00	0.00	0.00
23.00	0.00	0.00	0.00	0.00
23.25	0.00	0.00	0.00	0.00
23.50	0.00	0.00	0.00	0.00
23.75	0.00	0.00	0.00	0.00
24.00	0.00	0.00	0.00	0.00
24.25	0.00	0.00	0.00	0.00
24.50	0.00	0.00	0.00	0.00
24.75	0.00	0.00	0.00	0.00
25.00	0.00	0.00	0.00	0.00
25.25	0.00	0.00	0.00	0.00
25.50	0.00	0.00	0.00	0.00
25.75	0.00	0.00	0.00	0.00
26.00	0.00	0.00	0.00	0.00
26.25	0.00	0.00	0.00	0.00
26.50	0.00	0.00	0.00	0.00
26.75	0.00	0.00	0.00	0.00
27.00	0.00	0.00	0.00	0.00
27.25	0.00	0.00	0.00	0.00
27.50	0.00	0.00	0.00	0.00
27.75	0.00	0.00	0.00	0.00
28.00	0.00	0.00	0.00	0.00
28.25	0.00	0.00	0.00	0.00
28.50	0.00	0.00	0.00	0.00
28.75	0.00	0.00	0.00	0.00
29.00	0.00	0.00	0.00	0.00
29.25	0.00	0.00	0.00	0.00
29.50	0.00	0.00	0.00	0.00
29.75	0.00	0.00	0.00	0.00
30.00	0.00	0.00	0.00	0.00
30.25	0.00	0.00	0.00	0.00
30.50	0.00	0.00	0.00	0.00
30.75	0.00	0.00	0.00	0.00
31.00	0.00	0.00	0.00	0.00
31.25	0.00	0.00	0.00	0.00
31.50	0.00	0.00	0.00	0.00
31.75	0.00	0.00	0.00	0.00
32.00	0.00	0.00	0.00	0.00
32.25	0.00	0.00	0.00	0.00
32.50	0.00	0.00	0.00	0.00
32.75	0.00	0.00	0.00	0.00
33.00	0.00	0.00	0.00	0.00
33.25	0.00	0.00	0.00	0.00
33.50	0.00	0.00	0.00	0.00
33.75	0.00	0.00	0.00	0.00
34.00	0.00	0.00	0.00	0.00
34.25	0.00	0.00	0.00	0.00
34.50	0.00	0.00	0.00	0.00
34.75	0.00	0.00	0.00	0.00
35.00	0.00	0.00	0.00	0.00
35.25	0.00	0.00	0.00	0.00
35.50	0.00	0.00	0.00	0.00
35.75	0.00	0.00	0.00	0.00
36.00	0.00	0.00	0.00	0.00
36.25	0.00	0.00	0.00	0.00
36.50	0.00	0.00	0.00	0.00
36.75	0.00	0.00	0.00	0.00
37.00	0.00	0.00	0.00	0.00
37.25	0.00	0.00	0.00	0.00
37.50	0.00	0.00	0.00	0.00
37.75	0.00	0.00	0.00	0.00
38.00	0.00	0.00	0.00	0.00
38.25	0.00	0.00	0.00	0.00
38.50	0.00	0.00	0.00	0.00
38.75	0.00	0.00	0.00	0.00
39.00	0.00	0.00	0.00	0.00
39.25	0.00	0.00	0.00	0.00

39.50	0.00	0.00	0.00	0.00
39.75	0.00	0.00	0.00	0.00
40.00	0.00	0.00	0.00	0.00
40.25	0.00	0.00	0.00	0.00
40.50	0.00	0.00	0.00	0.00
40.75	0.00	0.00	0.00	0.00
41.00	0.00	0.00	0.00	0.00
41.25	0.00	0.00	0.00	0.00
41.50	0.00	0.00	0.00	0.00
41.75	0.00	0.00	0.00	0.00
42.00	0.00	0.00	0.00	0.00
42.25	0.00	0.00	0.00	0.00
42.50	0.00	0.00	0.00	0.00
42.75	0.00	0.00	0.00	0.00
43.00	0.00	0.00	0.00	0.00
43.25	0.00	0.00	0.00	0.00
43.50	0.00	0.00	0.00	0.00
43.75	0.00	0.00	0.00	0.00
44.00	0.00	0.00	0.00	0.00
44.25	0.00	0.00	0.00	0.00
44.50	0.00	0.00	0.00	0.00
44.75	0.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	0.00
45.25	0.00	0.00	0.00	0.00
45.50	0.00	0.00	0.00	0.00
45.75	0.00	0.00	0.00	0.00
46.00	0.00	0.00	0.00	0.00
46.25	0.00	0.00	0.00	0.00
46.50	0.00	0.00	0.00	0.00
46.75	0.00	0.00	0.00	0.00
47.00	0.00	0.00	0.00	0.00
47.25	0.00	0.00	0.00	0.00
47.50	0.00	0.00	0.00	0.00
47.75	0.00	0.00	0.00	0.00
48.00	0.00	0.00	0.00	0.00
48.25	0.00	0.00	0.00	0.00
48.50	0.00	0.00	0.00	0.00
48.75	0.00	0.00	0.00	0.00
49.00	0.00	0.00	0.00	0.00
49.25	0.00	0.00	0.00	0.00
49.50	0.00	0.00	0.00	0.00
49.75	0.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	0.00
50.25	0.00	0.00	0.00	0.00
50.50	0.00	0.00	0.00	0.00
50.75	0.00	0.00	0.00	0.00
51.00	0.00	0.00	0.00	0.00
51.25	0.00	0.00	0.00	0.00
51.50	0.00	0.00	0.00	0.00
51.75	0.00	0.00	0.00	0.00
52.00	0.00	0.00	0.00	0.00
52.25	0.00	0.00	0.00	0.00
52.50	0.00	0.00	0.00	0.00
52.75	0.00	0.00	0.00	0.00
53.00	0.00	0.00	0.00	0.00
53.25	0.00	0.00	0.00	0.00
53.50	0.00	0.00	0.00	0.00
53.75	0.00	0.00	0.00	0.00
54.00	0.00	0.00	0.00	0.00
54.25	0.00	0.00	0.00	0.00
54.50	0.00	0.00	0.00	0.00
54.75	0.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	0.00
55.25	0.00	0.00	0.00	0.00
55.50	0.00	0.00	0.00	0.00
55.75	0.00	0.00	0.00	0.00
56.00	0.00	0.00	0.00	0.00
56.25	0.00	0.00	0.00	0.00
56.50	0.00	0.00	0.00	0.00
56.75	0.00	0.00	0.00	0.00
57.00	0.00	0.00	0.00	0.00
57.25	0.00	0.00	0.00	0.00
57.50	0.00	0.00	0.00	0.00
57.75	0.00	0.00	0.00	0.00
58.00	0.00	0.00	0.00	0.00
58.25	0.00	0.00	0.00	0.00
58.50	0.00	0.00	0.00	0.00
58.75	0.00	0.00	0.00	0.00
59.00	0.00	0.00	0.00	0.00
59.25	0.00	0.00	0.00	0.00
59.50	0.00	0.00	0.00	0.00
59.75	0.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	0.00
60.25	0.00	0.00	0.00	0.00
60.50	0.00	0.00	0.00	0.00
60.75	0.00	0.00	0.00	0.00
61.00	0.00	0.00	0.00	0.00
61.25	0.00	0.00	0.00	0.00
61.50	0.00	0.00	0.00	0.00
61.75	0.00	0.00	0.00	0.00
62.00	0.00	0.00	0.00	0.00
62.25	0.00	0.00	0.00	0.00
62.50	0.00	0.00	0.00	0.00
62.75	0.00	0.00	0.00	0.00
63.00	0.00	0.00	0.00	0.00
63.25	0.00	0.00	0.00	0.00
63.50	0.00	0.00	0.00	0.00
63.75	0.00	0.00	0.00	0.00
64.00	0.00	0.00	0.00	0.00
64.25	0.00	0.00	0.00	0.00
64.50	0.00	0.00	0.00	0.00
64.75	0.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	0.00
65.25	0.00	0.00	0.00	0.00
65.50	0.00	0.00	0.00	0.00
65.75	0.00	0.00	0.00	0.00

66.00	0.00	0.00	0.00	0.00
66.25	0.00	0.00	0.00	0.00
66.50	0.00	0.00	0.00	0.00
66.75	0.00	0.00	0.00	0.00
67.00	0.00	0.00	0.00	0.00
67.25	0.00	0.00	0.00	0.00
67.50	0.00	0.00	0.00	0.00
67.75	0.00	0.00	0.00	0.00
68.00	0.00	0.00	0.00	0.00
68.25	0.00	0.00	0.00	0.00
68.50	0.00	0.00	0.00	0.00
68.75	0.00	0.00	0.00	0.00
69.00	0.00	0.00	0.00	0.00
69.25	0.00	0.00	0.00	0.00
69.50	0.00	0.00	0.00	0.00
69.75	0.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	0.00
70.25	0.00	0.00	0.00	0.00
70.50	0.00	0.00	0.00	0.00
70.75	0.00	0.00	0.00	0.00
71.00	0.00	0.00	0.00	0.00
71.25	0.00	0.00	0.00	0.00
71.50	0.00	0.00	0.00	0.00
71.75	0.00	0.00	0.00	0.00
72.00	0.00	0.00	0.00	0.00

THE MAXIMUM DISCHARGE FROM CROSS SECTION 11 IS: 100.76 CFS AT TIME: 17.32 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 59.57 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 11

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00
13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	0.00
13.75	0.00	0.00	0.00	0.00
14.00	0.00	0.00	0.00	0.00
14.25	0.00	0.00	0.00	0.00
14.50	0.00	0.00	0.00	0.00
14.75	0.00	0.00	0.00	0.00
15.00	0.00	0.00	0.00	0.00
15.25	0.00	0.00	0.00	0.00
15.50	0.00	0.00	0.00	0.00
15.75	0.00	0.00	0.00	0.00
16.00	0.00	0.00	0.00	0.00
16.25	0.00	0.00	0.00	0.00
16.50	0.00	0.00	0.00	0.00
16.75	375.00	0.12	1.52	68.11
17.00	675.00	0.13	1.03	90.21
17.25	675.00	0.13	1.08	95.40
17.50	675.00	0.13	1.08	96.84

17.75	675.00	0.13	1.04	91.80
18.00	675.00	0.13	0.98	83.86
18.25	675.00	0.12	0.94	76.91
18.50	600.00	0.12	0.97	68.66
18.75	675.00	0.11	0.81	61.29
19.00	675.00	0.11	0.83	63.66
19.25	675.00	0.12	0.95	77.67
19.50	675.00	0.12	0.92	74.63
19.75	600.00	0.12	1.00	70.60
20.00	675.00	0.11	0.83	63.64
20.25	675.00	0.11	0.74	57.02
20.50	675.00	0.11	0.70	53.00
20.75	600.00	0.10	0.74	46.48
21.00	675.00	0.10	0.63	42.79
21.25	600.00	0.10	0.68	40.11
21.50	675.00	0.09	0.57	36.15
21.75	600.00	0.09	0.60	32.79
22.00	525.00	0.08	0.67	29.36
22.25	675.00	0.09	0.47	27.63
22.50	675.00	0.09	0.45	26.01
22.75	600.00	0.08	0.49	24.44
23.00	600.00	0.08	0.45	21.97
23.25	525.00	0.07	0.54	21.16
23.50	600.00	0.08	0.36	16.91
23.75	525.00	0.07	0.51	19.34
24.00	675.00	0.08	0.32	16.26
24.25	525.00	0.07	0.43	15.64
24.50	375.00	0.06	0.72	16.95
24.75	525.00	0.07	0.39	13.87
25.00	450.00	0.06	0.44	12.16
25.25	375.00	0.06	0.55	12.98
25.50	375.00	0.06	0.49	10.12
25.75	525.00	0.06	0.30	9.65
26.00	375.00	0.06	0.53	11.06
26.25	525.00	0.06	0.24	7.53
26.50	300.00	0.06	0.61	10.30
26.75	450.00	0.06	0.27	7.30
27.00	375.00	0.06	0.47	9.98
27.25	450.00	0.06	0.33	9.53
27.50	450.00	0.06	0.31	8.97
27.75	375.00	0.06	0.57	13.56
28.00	525.00	0.06	0.32	10.79
28.25	450.00	0.06	0.51	13.96
28.50	450.00	0.06	0.49	13.08
28.75	375.00	0.06	0.61	14.61
29.00	600.00	0.07	0.23	9.07
29.25	525.00	0.06	0.35	11.06
29.50	600.00	0.06	0.25	9.57
29.75	375.00	0.06	0.34	7.01
30.00	375.00	0.06	0.30	6.49
30.25	525.00	0.06	0.28	8.90
30.50	225.00	0.05	0.61	7.33
30.75	300.00	0.05	0.58	8.62
31.00	375.00	0.06	0.27	5.78
31.25	300.00	0.05	0.43	6.66
31.50	225.00	0.05	0.79	8.65
31.75	450.00	0.05	0.29	6.81
32.00	300.00	0.05	0.40	6.16
32.25	375.00	0.05	0.40	7.10
32.50	525.00	0.05	0.17	4.86
32.75	225.00	0.05	0.46	4.88
33.00	375.00	0.05	0.40	7.37
33.25	600.00	0.06	0.13	4.58
33.50	300.00	0.04	0.36	4.74
33.75	600.00	0.06	0.14	4.84
34.00	375.00	0.05	0.37	6.87
34.25	525.00	0.06	0.20	5.88
34.50	375.00	0.05	0.24	4.78
34.75	225.00	0.05	0.52	5.57
35.00	375.00	0.05	0.30	5.85
35.25	375.00	0.05	0.30	5.58
35.50	375.00	0.05	0.35	5.99
35.75	375.00	0.05	0.29	5.32
36.00	375.00	0.05	0.37	7.47
36.25	225.00	0.05	0.88	9.45
36.50	300.00	0.05	0.62	8.54
36.75	450.00	0.05	0.30	7.28
37.00	300.00	0.05	0.32	4.99
37.25	450.00	0.05	0.32	7.22
37.50	375.00	0.05	0.38	7.09
37.75	225.00	0.05	0.68	7.28
38.00	375.00	0.05	0.32	6.17
38.25	525.00	0.06	0.22	6.40
38.50	450.00	0.05	0.26	6.18
38.75	300.00	0.05	0.26	3.91
39.00	600.00	0.06	0.14	5.01
39.25	375.00	0.05	0.39	6.99
39.50	375.00	0.05	0.28	5.04
39.75	300.00	0.05	0.40	5.98
40.00	375.00	0.05	0.32	6.05
40.25	300.00	0.05	0.40	6.34
40.50	375.00	0.05	0.32	6.10
40.75	375.00	0.05	0.33	6.85
41.00	525.00	0.06	0.20	5.97
41.25	300.00	0.05	0.40	6.06
41.50	225.00	0.05	0.56	6.04
41.75	300.00	0.05	0.33	5.04
42.00	225.00	0.05	0.89	9.61
42.25	300.00	0.05	0.42	6.70
42.50	375.00	0.05	0.20	4.03
42.75	300.00	0.05	0.51	7.70
43.00	225.00	0.05	0.67	7.29
43.25	525.00	0.05	0.25	7.04
43.50	300.00	0.04	0.47	6.23
43.75	450.00	0.06	0.16	4.05
44.00	450.00	0.05	0.35	8.53

44.25	375.00	0.05	0.20	4.07
44.50	450.00	0.05	0.30	7.00
44.75	300.00	0.05	0.41	6.44
45.00	375.00	0.05	0.25	5.11
45.25	225.00	0.05	0.65	7.04
45.50	375.00	0.05	0.49	8.58
45.75	225.00	0.05	0.80	8.70
46.00	375.00	0.05	0.40	7.60
46.25	375.00	0.05	0.20	4.06
46.50	525.00	0.05	0.23	6.62
46.75	300.00	0.05	0.62	8.61
47.00	225.00	0.05	0.81	8.75
47.25	375.00	0.05	0.33	6.18
47.50	450.00	0.05	0.17	4.07
47.75	375.00	0.05	0.39	7.10
48.00	375.00	0.05	0.19	4.00
48.25	375.00	0.05	0.31	6.15
48.50	225.00	0.05	0.46	4.99
48.75	375.00	0.05	0.39	8.02
49.00	300.00	0.05	0.42	6.17
49.25	525.00	0.06	0.21	6.23
49.50	375.00	0.05	0.40	7.59
49.75	225.00	0.05	0.83	9.01
50.00	525.00	0.06	0.17	4.93
50.25	450.00	0.05	0.17	4.07
50.50	375.00	0.05	0.25	5.16
50.75	375.00	0.05	0.40	7.22
51.00	300.00	0.05	0.36	5.07
51.25	375.00	0.05	0.39	7.64
51.50	225.00	0.05	0.56	6.08
51.75	300.00	0.05	0.40	6.04
52.00	225.00	0.05	0.38	4.08
52.25	300.00	0.05	0.39	6.11
52.50	225.00	0.05	0.47	5.15
52.75	375.00	0.05	0.26	5.15
53.00	300.00	0.05	0.57	8.58
53.25	375.00	0.05	0.35	6.57
53.50	450.00	0.05	0.21	5.15
53.75	525.00	0.06	0.13	4.06
54.00	375.00	0.05	0.33	6.16
54.25	375.00	0.05	0.44	8.25
54.50	375.00	0.06	0.19	4.05
54.75	375.00	0.05	0.31	6.38
55.00	375.00	0.05	0.26	5.12
55.25	375.00	0.05	0.35	6.15
55.50	450.00	0.05	0.21	5.00
55.75	450.00	0.05	0.33	7.61
56.00	375.00	0.05	0.37	6.93
56.25	525.00	0.06	0.13	3.92
56.50	375.00	0.05	0.31	5.54
56.75	375.00	0.05	0.30	6.05
57.00	300.00	0.05	0.39	5.90
57.25	375.00	0.05	0.40	8.14
57.50	450.00	0.05	0.31	7.17
57.75	450.00	0.05	0.17	4.01
58.00	300.00	0.05	0.31	4.94
58.25	450.00	0.05	0.31	7.05
58.50	525.00	0.06	0.21	6.11
58.75	375.00	0.05	0.26	5.09
59.00	600.00	0.06	0.19	6.53
59.25	375.00	0.05	0.50	8.81
59.50	525.00	0.06	0.20	6.00
59.75	300.00	0.05	0.42	6.12
60.00	450.00	0.05	0.38	8.61
60.25	450.00	0.05	0.35	8.42
60.50	300.00	0.05	0.54	8.46
60.75	525.00	0.06	0.13	3.95
61.00	525.00	0.05	0.25	7.13
61.25	225.00	0.05	0.74	7.94
61.50	300.00	0.04	0.36	4.76
61.75	450.00	0.05	0.36	8.12
62.00	300.00	0.05	0.32	4.94
62.25	450.00	0.05	0.24	5.69
62.50	225.00	0.05	0.47	5.00
62.75	525.00	0.05	0.21	6.04
63.00	375.00	0.05	0.35	7.09
63.25	300.00	0.05	0.45	7.01
63.50	525.00	0.06	0.13	3.94
63.75	450.00	0.05	0.33	7.47
64.00	375.00	0.05	0.19	3.94
64.25	600.00	0.06	0.11	3.95
64.50	375.00	0.05	0.32	6.54
64.75	450.00	0.05	0.37	8.27
65.00	300.00	0.04	0.68	9.03
65.25	450.00	0.05	0.21	5.03
65.50	225.00	0.05	0.47	5.03
65.75	300.00	0.05	0.40	6.31
66.00	525.00	0.05	0.20	5.70
66.25	375.00	0.05	0.36	6.65
66.50	300.00	0.05	0.37	5.82
66.75	525.00	0.05	0.22	6.09
67.00	300.00	0.05	0.42	5.96
67.25	375.00	0.06	0.23	4.88
67.50	300.00	0.05	0.31	4.90
67.75	600.00	0.06	0.19	6.61
68.00	450.00	0.05	0.28	6.60
68.25	675.00	0.06	0.12	4.86
68.50	300.00	0.05	0.35	4.89
68.75	375.00	0.05	0.40	8.14
69.00	525.00	0.05	0.18	5.03
69.25	300.00	0.05	0.48	7.16
69.50	450.00	0.05	0.25	5.98
69.75	375.00	0.05	0.19	3.95
70.00	450.00	0.05	0.26	6.04
70.25	300.00	0.05	0.50	7.46
70.50	450.00	0.05	0.33	8.13

70.75	375.00	0.05	0.28	5.39
71.00	375.00	0.05	0.42	8.61
71.25	375.00	0.05	0.27	5.59
71.50	450.00	0.05	0.26	6.14
71.75	450.00	0.05	0.28	6.47
72.00	375.00	0.05	0.30	6.16

THE MAXIMUM DISCHARGE FROM CROSS SECTION 12 IS: 124.86 CFS AT TIME: 17.63 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 111.60 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 12

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00
13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	0.00
13.75	0.00	0.00	0.00	0.00
14.00	0.00	0.00	0.00	0.00
14.25	0.00	0.00	0.00	0.00
14.50	0.00	0.00	0.00	0.00
14.75	0.00	0.00	0.00	0.00
15.00	0.00	0.00	0.00	0.00
15.25	0.00	0.00	0.00	0.00
15.50	0.00	0.00	0.00	0.00
15.75	0.00	0.00	0.00	0.00
16.00	0.00	0.00	0.00	0.00
16.25	0.00	0.00	0.00	0.00
16.50	0.00	0.00	0.00	0.00
16.75	0.00	0.00	0.00	0.00
17.00	0.00	0.00	0.00	0.00
17.25	375.00	0.09	3.37	109.79
17.50	375.00	0.09	3.52	122.49
17.75	375.00	0.09	3.54	123.93
18.00	375.00	0.09	3.46	116.86
18.25	375.00	0.09	3.35	108.15
18.50	375.00	0.08	3.25	100.62
18.75	375.00	0.08	3.15	92.74
19.00	375.00	0.08	3.04	85.93
19.25	375.00	0.07	2.93	79.38
19.50	375.00	0.07	2.83	72.79
19.75	375.00	0.07	2.75	67.23
20.00	375.00	0.06	2.62	61.60
20.25	375.00	0.06	2.54	56.78
20.50	375.00	0.06	2.43	52.24
20.75	375.00	0.05	2.23	45.82
21.00	375.00	0.05	2.28	45.42
21.25	375.00	0.05	2.01	38.83
21.50	375.00	0.05	1.87	34.25
21.75	375.00	0.04	1.69	28.12
22.00	375.00	0.04	1.44	22.44
22.25	375.00	0.04	1.33	20.63

22.50	375.00	0.04	1.26	18.12
22.75	375.00	0.04	1.12	16.19
23.00	375.00	0.04	1.11	15.59
23.25	375.00	0.04	1.09	14.57
23.50	375.00	0.03	1.01	12.78
23.75	375.00	0.03	1.05	12.91
24.00	375.00	0.03	0.90	11.20
24.25	375.00	0.03	0.89	10.91
24.50	375.00	0.03	0.90	11.10
24.75	375.00	0.03	0.90	11.24
25.00	375.00	0.03	0.90	11.17
25.25	375.00	0.03	0.90	11.13
25.50	375.00	0.03	0.90	11.18
25.75	375.00	0.03	0.90	11.21
26.00	375.00	0.03	0.90	11.33
26.25	375.00	0.03	0.90	11.23
26.50	375.00	0.03	0.90	11.24
26.75	375.00	0.03	1.04	12.92
27.00	375.00	0.03	1.06	13.34
27.25	375.00	0.04	1.10	14.75
27.50	375.00	0.04	1.45	20.24
27.75	375.00	0.04	1.29	17.96
28.00	375.00	0.04	1.34	19.99
28.25	375.00	0.04	1.30	19.13
28.50	375.00	0.04	1.41	21.43
28.75	375.00	0.04	1.52	23.68
29.00	375.00	0.04	1.30	19.45
29.25	375.00	0.04	1.39	21.39
29.50	375.00	0.04	1.31	19.63
29.75	375.00	0.04	1.30	19.15
30.00	375.00	0.04	1.32	20.57
30.25	375.00	0.04	1.30	19.39
30.50	375.00	0.04	1.31	20.34
30.75	375.00	0.04	1.29	19.46
31.00	375.00	0.04	1.30	19.44
31.25	375.00	0.04	1.63	24.99
31.50	375.00	0.04	1.30	19.32
31.75	375.00	0.04	1.43	21.89
32.00	375.00	0.04	1.57	23.88
32.25	375.00	0.04	1.30	19.42
32.50	375.00	0.04	1.30	19.61
32.75	375.00	0.04	1.30	19.34
33.00	375.00	0.04	1.29	19.34
33.25	375.00	0.04	1.51	23.03
33.50	375.00	0.04	1.29	19.23
33.75	375.00	0.04	1.29	19.15
34.00	375.00	0.04	1.33	20.18
34.25	375.00	0.04	1.31	19.79
34.50	375.00	0.04	1.29	19.42
34.75	375.00	0.04	1.51	22.85
35.00	375.00	0.04	1.30	19.42
35.25	375.00	0.04	1.29	19.31
35.50	375.00	0.04	1.35	20.68
35.75	375.00	0.04	1.30	19.35
36.00	375.00	0.04	1.29	19.32
36.25	375.00	0.04	1.43	21.83
36.50	375.00	0.04	1.29	19.22
36.75	375.00	0.04	1.29	19.05
37.00	375.00	0.04	1.31	20.33
37.25	375.00	0.04	1.45	22.23
37.50	375.00	0.04	1.49	22.64
37.75	375.00	0.04	1.29	19.43
38.00	375.00	0.04	1.58	23.91
38.25	375.00	0.04	1.51	23.01
38.50	375.00	0.04	1.30	19.40
38.75	375.00	0.04	1.29	19.49
39.00	375.00	0.04	1.57	23.93
39.25	375.00	0.04	1.38	20.37
39.50	375.00	0.04	1.31	19.94
39.75	375.00	0.04	1.30	19.41
40.00	375.00	0.04	1.29	19.50
40.25	375.00	0.04	1.30	19.31
40.50	375.00	0.04	1.35	20.71
40.75	375.00	0.04	1.29	19.19
41.00	375.00	0.04	1.39	21.07
41.25	375.00	0.04	1.33	19.75
41.50	375.00	0.04	1.43	21.76
41.75	375.00	0.04	1.29	19.36
42.00	375.00	0.04	1.33	19.86
42.25	375.00	0.04	1.29	19.07
42.50	375.00	0.04	1.33	20.35
42.75	375.00	0.04	1.29	19.34
43.00	375.00	0.04	1.32	19.66
43.25	375.00	0.04	1.62	25.19
43.50	375.00	0.04	1.46	22.56
43.75	375.00	0.04	1.31	19.69
44.00	375.00	0.04	1.30	19.38
44.25	375.00	0.04	1.48	22.68
44.50	375.00	0.04	1.31	20.30
44.75	375.00	0.04	1.30	19.53
45.00	375.00	0.04	1.30	19.44
45.25	375.00	0.04	1.41	21.30
45.50	375.00	0.04	1.30	19.54
45.75	375.00	0.04	1.51	23.41
46.00	375.00	0.04	1.30	19.50
46.25	375.00	0.04	1.36	20.79
46.50	375.00	0.04	1.31	19.65
46.75	375.00	0.04	1.29	18.82
47.00	375.00	0.04	1.29	19.19
47.25	375.00	0.04	1.33	20.44
47.50	375.00	0.04	1.29	19.21
47.75	375.00	0.04	1.30	19.89
48.00	375.00	0.04	1.30	19.62
48.25	375.00	0.04	1.39	21.03
48.50	375.00	0.04	1.30	19.39
48.75	375.00	0.04	1.32	20.27

49.00	375.00	0.04	1.30	19.43
49.25	375.00	0.04	1.30	19.58
49.50	375.00	0.04	1.49	22.61
49.75	375.00	0.04	1.49	22.92
50.00	375.00	0.04	1.33	20.27
50.25	375.00	0.04	1.30	19.38
50.50	375.00	0.04	1.51	23.36
50.75	375.00	0.04	1.47	22.14
51.00	375.00	0.04	1.30	19.88
51.25	375.00	0.04	1.31	19.64
51.50	375.00	0.04	1.38	21.09
51.75	375.00	0.04	1.29	19.17
52.00	375.00	0.04	1.31	19.99
52.25	375.00	0.04	1.29	19.22
52.50	375.00	0.04	1.38	21.33
52.75	375.00	0.04	1.36	20.58
53.00	375.00	0.04	1.32	20.03
53.25	375.00	0.04	1.31	19.64
53.50	375.00	0.04	1.49	22.06
53.75	375.00	0.04	1.31	19.64
54.00	375.00	0.04	1.31	19.39
54.25	375.00	0.04	1.35	20.68
54.50	375.00	0.04	1.30	19.29
54.75	375.00	0.04	1.52	23.42
55.00	375.00	0.04	1.60	23.94
55.25	375.00	0.04	1.56	24.12
55.50	375.00	0.04	1.29	19.27
55.75	375.00	0.04	1.32	20.07
56.00	375.00	0.04	1.31	19.48
56.25	375.00	0.04	1.46	22.75
56.50	375.00	0.04	1.47	22.15
56.75	375.00	0.04	1.30	19.83
57.00	375.00	0.04	1.29	19.18
57.25	375.00	0.04	1.33	19.95
57.50	375.00	0.04	1.42	22.10
57.75	375.00	0.04	1.36	20.24
58.00	375.00	0.04	1.29	19.09
58.25	375.00	0.04	1.38	20.88
58.50	375.00	0.04	1.29	19.32
58.75	375.00	0.04	1.40	21.46
59.00	375.00	0.04	1.30	19.38
59.25	375.00	0.04	1.32	20.03
59.50	375.00	0.04	1.41	21.33
59.75	375.00	0.04	1.30	19.48
60.00	375.00	0.04	1.44	22.12
60.25	375.00	0.04	1.32	19.58
60.50	375.00	0.04	1.30	19.51
60.75	375.00	0.04	1.48	22.14
61.00	375.00	0.04	1.30	19.49
61.25	375.00	0.04	1.53	23.48
61.50	375.00	0.04	1.30	19.09
61.75	375.00	0.04	1.41	20.81
62.00	375.00	0.04	1.36	20.95
62.25	375.00	0.04	1.29	19.04
62.50	375.00	0.04	1.39	21.27
62.75	375.00	0.04	1.37	21.14
63.00	375.00	0.04	1.29	19.41
63.25	375.00	0.04	1.30	19.19
63.50	375.00	0.04	1.29	19.23
63.75	375.00	0.04	1.30	19.61
64.00	375.00	0.04	1.54	23.37
64.25	375.00	0.04	1.31	20.05
64.50	375.00	0.04	1.49	22.14
64.75	375.00	0.04	1.30	19.60
65.00	375.00	0.04	1.31	19.49
65.25	375.00	0.04	1.59	23.78
65.50	375.00	0.04	1.32	20.08
65.75	375.00	0.04	1.29	19.29
66.00	375.00	0.04	1.44	22.20
66.25	375.00	0.04	1.36	20.52
66.50	375.00	0.04	1.49	22.76
66.75	375.00	0.04	1.30	19.65
67.00	375.00	0.04	1.32	19.71
67.25	375.00	0.04	1.43	21.80
67.50	375.00	0.04	1.44	21.85
67.75	375.00	0.04	1.29	19.50
68.00	375.00	0.04	1.30	19.19
68.25	375.00	0.04	1.29	19.42
68.50	375.00	0.04	1.29	19.06
68.75	375.00	0.04	1.51	22.46
69.00	375.00	0.04	1.40	20.93
69.25	375.00	0.04	1.40	21.44
69.50	375.00	0.04	1.29	19.57
69.75	375.00	0.04	1.29	19.21
70.00	375.00	0.04	1.37	20.46
70.25	375.00	0.04	1.30	19.36
70.50	375.00	0.04	1.30	19.69
70.75	375.00	0.04	1.31	19.57
71.00	375.00	0.04	1.30	19.63
71.25	375.00	0.04	1.34	20.51
71.50	375.00	0.04	1.46	22.64
71.75	375.00	0.04	1.43	21.69
72.00	375.00	0.04	1.29	19.49

THE MAXIMUM DISCHARGE FROM CROSS SECTION 13 IS: 0.00 CFS AT TIME: 0.00 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 0.00 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 13

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00

0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00
13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	0.00
13.75	0.00	0.00	0.00	0.00
14.00	0.00	0.00	0.00	0.00
14.25	0.00	0.00	0.00	0.00
14.50	0.00	0.00	0.00	0.00
14.75	0.00	0.00	0.00	0.00
15.00	0.00	0.00	0.00	0.00
15.25	0.00	0.00	0.00	0.00
15.50	0.00	0.00	0.00	0.00
15.75	0.00	0.00	0.00	0.00
16.00	0.00	0.00	0.00	0.00
16.25	0.00	0.00	0.00	0.00
16.50	0.00	0.00	0.00	0.00
16.75	0.00	0.00	0.00	0.00
17.00	0.00	0.00	0.00	0.00
17.25	0.00	0.00	0.00	0.00
17.50	0.00	0.00	0.00	0.00
17.75	0.00	0.00	0.00	0.00
18.00	0.00	0.00	0.00	0.00
18.25	0.00	0.00	0.00	0.00
18.50	0.00	0.00	0.00	0.00
18.75	0.00	0.00	0.00	0.00
19.00	0.00	0.00	0.00	0.00
19.25	0.00	0.00	0.00	0.00
19.50	0.00	0.00	0.00	0.00
19.75	0.00	0.00	0.00	0.00
20.00	0.00	0.00	0.00	0.00
20.25	0.00	0.00	0.00	0.00
20.50	0.00	0.00	0.00	0.00
20.75	0.00	0.00	0.00	0.00
21.00	0.00	0.00	0.00	0.00
21.25	0.00	0.00	0.00	0.00
21.50	0.00	0.00	0.00	0.00
21.75	0.00	0.00	0.00	0.00
22.00	0.00	0.00	0.00	0.00
22.25	0.00	0.00	0.00	0.00
22.50	0.00	0.00	0.00	0.00
22.75	0.00	0.00	0.00	0.00
23.00	0.00	0.00	0.00	0.00
23.25	0.00	0.00	0.00	0.00
23.50	0.00	0.00	0.00	0.00
23.75	0.00	0.00	0.00	0.00
24.00	0.00	0.00	0.00	0.00
24.25	0.00	0.00	0.00	0.00
24.50	0.00	0.00	0.00	0.00
24.75	0.00	0.00	0.00	0.00
25.00	0.00	0.00	0.00	0.00
25.25	0.00	0.00	0.00	0.00
25.50	0.00	0.00	0.00	0.00
25.75	0.00	0.00	0.00	0.00
26.00	0.00	0.00	0.00	0.00
26.25	0.00	0.00	0.00	0.00
26.50	0.00	0.00	0.00	0.00
26.75	0.00	0.00	0.00	0.00
27.00	0.00	0.00	0.00	0.00

27.25	0.00	0.00	0.00	0.00
27.50	0.00	0.00	0.00	0.00
27.75	0.00	0.00	0.00	0.00
28.00	0.00	0.00	0.00	0.00
28.25	0.00	0.00	0.00	0.00
28.50	0.00	0.00	0.00	0.00
28.75	0.00	0.00	0.00	0.00
29.00	0.00	0.00	0.00	0.00
29.25	0.00	0.00	0.00	0.00
29.50	0.00	0.00	0.00	0.00
29.75	0.00	0.00	0.00	0.00
30.00	0.00	0.00	0.00	0.00
30.25	0.00	0.00	0.00	0.00
30.50	0.00	0.00	0.00	0.00
30.75	0.00	0.00	0.00	0.00
31.00	0.00	0.00	0.00	0.00
31.25	0.00	0.00	0.00	0.00
31.50	0.00	0.00	0.00	0.00
31.75	0.00	0.00	0.00	0.00
32.00	0.00	0.00	0.00	0.00
32.25	0.00	0.00	0.00	0.00
32.50	0.00	0.00	0.00	0.00
32.75	0.00	0.00	0.00	0.00
33.00	0.00	0.00	0.00	0.00
33.25	0.00	0.00	0.00	0.00
33.50	0.00	0.00	0.00	0.00
33.75	0.00	0.00	0.00	0.00
34.00	0.00	0.00	0.00	0.00
34.25	0.00	0.00	0.00	0.00
34.50	0.00	0.00	0.00	0.00
34.75	0.00	0.00	0.00	0.00
35.00	0.00	0.00	0.00	0.00
35.25	0.00	0.00	0.00	0.00
35.50	0.00	0.00	0.00	0.00
35.75	0.00	0.00	0.00	0.00
36.00	0.00	0.00	0.00	0.00
36.25	0.00	0.00	0.00	0.00
36.50	0.00	0.00	0.00	0.00
36.75	0.00	0.00	0.00	0.00
37.00	0.00	0.00	0.00	0.00
37.25	0.00	0.00	0.00	0.00
37.50	0.00	0.00	0.00	0.00
37.75	0.00	0.00	0.00	0.00
38.00	0.00	0.00	0.00	0.00
38.25	0.00	0.00	0.00	0.00
38.50	0.00	0.00	0.00	0.00
38.75	0.00	0.00	0.00	0.00
39.00	0.00	0.00	0.00	0.00
39.25	0.00	0.00	0.00	0.00
39.50	0.00	0.00	0.00	0.00
39.75	0.00	0.00	0.00	0.00
40.00	0.00	0.00	0.00	0.00
40.25	0.00	0.00	0.00	0.00
40.50	0.00	0.00	0.00	0.00
40.75	0.00	0.00	0.00	0.00
41.00	0.00	0.00	0.00	0.00
41.25	0.00	0.00	0.00	0.00
41.50	0.00	0.00	0.00	0.00
41.75	0.00	0.00	0.00	0.00
42.00	0.00	0.00	0.00	0.00
42.25	0.00	0.00	0.00	0.00
42.50	0.00	0.00	0.00	0.00
42.75	0.00	0.00	0.00	0.00
43.00	0.00	0.00	0.00	0.00
43.25	0.00	0.00	0.00	0.00
43.50	0.00	0.00	0.00	0.00
43.75	0.00	0.00	0.00	0.00
44.00	0.00	0.00	0.00	0.00
44.25	0.00	0.00	0.00	0.00
44.50	0.00	0.00	0.00	0.00
44.75	0.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	0.00
45.25	0.00	0.00	0.00	0.00
45.50	0.00	0.00	0.00	0.00
45.75	0.00	0.00	0.00	0.00
46.00	0.00	0.00	0.00	0.00
46.25	0.00	0.00	0.00	0.00
46.50	0.00	0.00	0.00	0.00
46.75	0.00	0.00	0.00	0.00
47.00	0.00	0.00	0.00	0.00
47.25	0.00	0.00	0.00	0.00
47.50	0.00	0.00	0.00	0.00
47.75	0.00	0.00	0.00	0.00
48.00	0.00	0.00	0.00	0.00
48.25	0.00	0.00	0.00	0.00
48.50	0.00	0.00	0.00	0.00
48.75	0.00	0.00	0.00	0.00
49.00	0.00	0.00	0.00	0.00
49.25	0.00	0.00	0.00	0.00
49.50	0.00	0.00	0.00	0.00
49.75	0.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	0.00
50.25	0.00	0.00	0.00	0.00
50.50	0.00	0.00	0.00	0.00
50.75	0.00	0.00	0.00	0.00
51.00	0.00	0.00	0.00	0.00
51.25	0.00	0.00	0.00	0.00
51.50	0.00	0.00	0.00	0.00
51.75	0.00	0.00	0.00	0.00
52.00	0.00	0.00	0.00	0.00
52.25	0.00	0.00	0.00	0.00
52.50	0.00	0.00	0.00	0.00
52.75	0.00	0.00	0.00	0.00
53.00	0.00	0.00	0.00	0.00
53.25	0.00	0.00	0.00	0.00
53.50	0.00	0.00	0.00	0.00

53.75	0.00	0.00	0.00	0.00
54.00	0.00	0.00	0.00	0.00
54.25	0.00	0.00	0.00	0.00
54.50	0.00	0.00	0.00	0.00
54.75	0.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	0.00
55.25	0.00	0.00	0.00	0.00
55.50	0.00	0.00	0.00	0.00
55.75	0.00	0.00	0.00	0.00
56.00	0.00	0.00	0.00	0.00
56.25	0.00	0.00	0.00	0.00
56.50	0.00	0.00	0.00	0.00
56.75	0.00	0.00	0.00	0.00
57.00	0.00	0.00	0.00	0.00
57.25	0.00	0.00	0.00	0.00
57.50	0.00	0.00	0.00	0.00
57.75	0.00	0.00	0.00	0.00
58.00	0.00	0.00	0.00	0.00
58.25	0.00	0.00	0.00	0.00
58.50	0.00	0.00	0.00	0.00
58.75	0.00	0.00	0.00	0.00
59.00	0.00	0.00	0.00	0.00
59.25	0.00	0.00	0.00	0.00
59.50	0.00	0.00	0.00	0.00
59.75	0.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	0.00
60.25	0.00	0.00	0.00	0.00
60.50	0.00	0.00	0.00	0.00
60.75	0.00	0.00	0.00	0.00
61.00	0.00	0.00	0.00	0.00
61.25	0.00	0.00	0.00	0.00
61.50	0.00	0.00	0.00	0.00
61.75	0.00	0.00	0.00	0.00
62.00	0.00	0.00	0.00	0.00
62.25	0.00	0.00	0.00	0.00
62.50	0.00	0.00	0.00	0.00
62.75	0.00	0.00	0.00	0.00
63.00	0.00	0.00	0.00	0.00
63.25	0.00	0.00	0.00	0.00
63.50	0.00	0.00	0.00	0.00
63.75	0.00	0.00	0.00	0.00
64.00	0.00	0.00	0.00	0.00
64.25	0.00	0.00	0.00	0.00
64.50	0.00	0.00	0.00	0.00
64.75	0.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	0.00
65.25	0.00	0.00	0.00	0.00
65.50	0.00	0.00	0.00	0.00
65.75	0.00	0.00	0.00	0.00
66.00	0.00	0.00	0.00	0.00
66.25	0.00	0.00	0.00	0.00
66.50	0.00	0.00	0.00	0.00
66.75	0.00	0.00	0.00	0.00
67.00	0.00	0.00	0.00	0.00
67.25	0.00	0.00	0.00	0.00
67.50	0.00	0.00	0.00	0.00
67.75	0.00	0.00	0.00	0.00
68.00	0.00	0.00	0.00	0.00
68.25	0.00	0.00	0.00	0.00
68.50	0.00	0.00	0.00	0.00
68.75	0.00	0.00	0.00	0.00
69.00	0.00	0.00	0.00	0.00
69.25	0.00	0.00	0.00	0.00
69.50	0.00	0.00	0.00	0.00
69.75	0.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	0.00
70.25	0.00	0.00	0.00	0.00
70.50	0.00	0.00	0.00	0.00
70.75	0.00	0.00	0.00	0.00
71.00	0.00	0.00	0.00	0.00
71.25	0.00	0.00	0.00	0.00
71.50	0.00	0.00	0.00	0.00
71.75	0.00	0.00	0.00	0.00
72.00	0.00	0.00	0.00	0.00

THE MAXIMUM DISCHARGE FROM CROSS SECTION 16 IS: 0.00 CFS AT TIME: 0.00 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 0.00 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 16

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00

5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00
13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	0.00
13.75	0.00	0.00	0.00	0.00
14.00	0.00	0.00	0.00	0.00
14.25	0.00	0.00	0.00	0.00
14.50	0.00	0.00	0.00	0.00
14.75	0.00	0.00	0.00	0.00
15.00	0.00	0.00	0.00	0.00
15.25	0.00	0.00	0.00	0.00
15.50	0.00	0.00	0.00	0.00
15.75	0.00	0.00	0.00	0.00
16.00	0.00	0.00	0.00	0.00
16.25	0.00	0.00	0.00	0.00
16.50	0.00	0.00	0.00	0.00
16.75	0.00	0.00	0.00	0.00
17.00	0.00	0.00	0.00	0.00
17.25	0.00	0.00	0.00	0.00
17.50	0.00	0.00	0.00	0.00
17.75	0.00	0.00	0.00	0.00
18.00	0.00	0.00	0.00	0.00
18.25	0.00	0.00	0.00	0.00
18.50	0.00	0.00	0.00	0.00
18.75	0.00	0.00	0.00	0.00
19.00	0.00	0.00	0.00	0.00
19.25	0.00	0.00	0.00	0.00
19.50	0.00	0.00	0.00	0.00
19.75	0.00	0.00	0.00	0.00
20.00	0.00	0.00	0.00	0.00
20.25	0.00	0.00	0.00	0.00
20.50	0.00	0.00	0.00	0.00
20.75	0.00	0.00	0.00	0.00
21.00	0.00	0.00	0.00	0.00
21.25	0.00	0.00	0.00	0.00
21.50	0.00	0.00	0.00	0.00
21.75	0.00	0.00	0.00	0.00
22.00	0.00	0.00	0.00	0.00
22.25	0.00	0.00	0.00	0.00
22.50	0.00	0.00	0.00	0.00
22.75	0.00	0.00	0.00	0.00
23.00	0.00	0.00	0.00	0.00
23.25	0.00	0.00	0.00	0.00
23.50	0.00	0.00	0.00	0.00
23.75	0.00	0.00	0.00	0.00
24.00	0.00	0.00	0.00	0.00
24.25	0.00	0.00	0.00	0.00
24.50	0.00	0.00	0.00	0.00
24.75	0.00	0.00	0.00	0.00
25.00	0.00	0.00	0.00	0.00
25.25	0.00	0.00	0.00	0.00
25.50	0.00	0.00	0.00	0.00
25.75	0.00	0.00	0.00	0.00
26.00	0.00	0.00	0.00	0.00
26.25	0.00	0.00	0.00	0.00
26.50	0.00	0.00	0.00	0.00
26.75	0.00	0.00	0.00	0.00
27.00	0.00	0.00	0.00	0.00
27.25	0.00	0.00	0.00	0.00
27.50	0.00	0.00	0.00	0.00
27.75	0.00	0.00	0.00	0.00
28.00	0.00	0.00	0.00	0.00
28.25	0.00	0.00	0.00	0.00
28.50	0.00	0.00	0.00	0.00
28.75	0.00	0.00	0.00	0.00
29.00	0.00	0.00	0.00	0.00
29.25	0.00	0.00	0.00	0.00
29.50	0.00	0.00	0.00	0.00
29.75	0.00	0.00	0.00	0.00
30.00	0.00	0.00	0.00	0.00
30.25	0.00	0.00	0.00	0.00
30.50	0.00	0.00	0.00	0.00
30.75	0.00	0.00	0.00	0.00
31.00	0.00	0.00	0.00	0.00
31.25	0.00	0.00	0.00	0.00
31.50	0.00	0.00	0.00	0.00

31.75	0.00	0.00	0.00	0.00
32.00	0.00	0.00	0.00	0.00
32.25	0.00	0.00	0.00	0.00
32.50	0.00	0.00	0.00	0.00
32.75	0.00	0.00	0.00	0.00
33.00	0.00	0.00	0.00	0.00
33.25	0.00	0.00	0.00	0.00
33.50	0.00	0.00	0.00	0.00
33.75	0.00	0.00	0.00	0.00
34.00	0.00	0.00	0.00	0.00
34.25	0.00	0.00	0.00	0.00
34.50	0.00	0.00	0.00	0.00
34.75	0.00	0.00	0.00	0.00
35.00	0.00	0.00	0.00	0.00
35.25	0.00	0.00	0.00	0.00
35.50	0.00	0.00	0.00	0.00
35.75	0.00	0.00	0.00	0.00
36.00	0.00	0.00	0.00	0.00
36.25	0.00	0.00	0.00	0.00
36.50	0.00	0.00	0.00	0.00
36.75	0.00	0.00	0.00	0.00
37.00	0.00	0.00	0.00	0.00
37.25	0.00	0.00	0.00	0.00
37.50	0.00	0.00	0.00	0.00
37.75	0.00	0.00	0.00	0.00
38.00	0.00	0.00	0.00	0.00
38.25	0.00	0.00	0.00	0.00
38.50	0.00	0.00	0.00	0.00
38.75	0.00	0.00	0.00	0.00
39.00	0.00	0.00	0.00	0.00
39.25	0.00	0.00	0.00	0.00
39.50	0.00	0.00	0.00	0.00
39.75	0.00	0.00	0.00	0.00
40.00	0.00	0.00	0.00	0.00
40.25	0.00	0.00	0.00	0.00
40.50	0.00	0.00	0.00	0.00
40.75	0.00	0.00	0.00	0.00
41.00	0.00	0.00	0.00	0.00
41.25	0.00	0.00	0.00	0.00
41.50	0.00	0.00	0.00	0.00
41.75	0.00	0.00	0.00	0.00
42.00	0.00	0.00	0.00	0.00
42.25	0.00	0.00	0.00	0.00
42.50	0.00	0.00	0.00	0.00
42.75	0.00	0.00	0.00	0.00
43.00	0.00	0.00	0.00	0.00
43.25	0.00	0.00	0.00	0.00
43.50	0.00	0.00	0.00	0.00
43.75	0.00	0.00	0.00	0.00
44.00	0.00	0.00	0.00	0.00
44.25	0.00	0.00	0.00	0.00
44.50	0.00	0.00	0.00	0.00
44.75	0.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	0.00
45.25	0.00	0.00	0.00	0.00
45.50	0.00	0.00	0.00	0.00
45.75	0.00	0.00	0.00	0.00
46.00	0.00	0.00	0.00	0.00
46.25	0.00	0.00	0.00	0.00
46.50	0.00	0.00	0.00	0.00
46.75	0.00	0.00	0.00	0.00
47.00	0.00	0.00	0.00	0.00
47.25	0.00	0.00	0.00	0.00
47.50	0.00	0.00	0.00	0.00
47.75	0.00	0.00	0.00	0.00
48.00	0.00	0.00	0.00	0.00
48.25	0.00	0.00	0.00	0.00
48.50	0.00	0.00	0.00	0.00
48.75	0.00	0.00	0.00	0.00
49.00	0.00	0.00	0.00	0.00
49.25	0.00	0.00	0.00	0.00
49.50	0.00	0.00	0.00	0.00
49.75	0.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	0.00
50.25	0.00	0.00	0.00	0.00
50.50	0.00	0.00	0.00	0.00
50.75	0.00	0.00	0.00	0.00
51.00	0.00	0.00	0.00	0.00
51.25	0.00	0.00	0.00	0.00
51.50	0.00	0.00	0.00	0.00
51.75	0.00	0.00	0.00	0.00
52.00	0.00	0.00	0.00	0.00
52.25	0.00	0.00	0.00	0.00
52.50	0.00	0.00	0.00	0.00
52.75	0.00	0.00	0.00	0.00
53.00	0.00	0.00	0.00	0.00
53.25	0.00	0.00	0.00	0.00
53.50	0.00	0.00	0.00	0.00
53.75	0.00	0.00	0.00	0.00
54.00	0.00	0.00	0.00	0.00
54.25	0.00	0.00	0.00	0.00
54.50	0.00	0.00	0.00	0.00
54.75	0.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	0.00
55.25	0.00	0.00	0.00	0.00
55.50	0.00	0.00	0.00	0.00
55.75	0.00	0.00	0.00	0.00
56.00	0.00	0.00	0.00	0.00
56.25	0.00	0.00	0.00	0.00
56.50	0.00	0.00	0.00	0.00
56.75	0.00	0.00	0.00	0.00
57.00	0.00	0.00	0.00	0.00
57.25	0.00	0.00	0.00	0.00
57.50	0.00	0.00	0.00	0.00
57.75	0.00	0.00	0.00	0.00
58.00	0.00	0.00	0.00	0.00

58.25	0.00	0.00	0.00	0.00
58.50	0.00	0.00	0.00	0.00
58.75	0.00	0.00	0.00	0.00
59.00	0.00	0.00	0.00	0.00
59.25	0.00	0.00	0.00	0.00
59.50	0.00	0.00	0.00	0.00
59.75	0.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	0.00
60.25	0.00	0.00	0.00	0.00
60.50	0.00	0.00	0.00	0.00
60.75	0.00	0.00	0.00	0.00
61.00	0.00	0.00	0.00	0.00
61.25	0.00	0.00	0.00	0.00
61.50	0.00	0.00	0.00	0.00
61.75	0.00	0.00	0.00	0.00
62.00	0.00	0.00	0.00	0.00
62.25	0.00	0.00	0.00	0.00
62.50	0.00	0.00	0.00	0.00
62.75	0.00	0.00	0.00	0.00
63.00	0.00	0.00	0.00	0.00
63.25	0.00	0.00	0.00	0.00
63.50	0.00	0.00	0.00	0.00
63.75	0.00	0.00	0.00	0.00
64.00	0.00	0.00	0.00	0.00
64.25	0.00	0.00	0.00	0.00
64.50	0.00	0.00	0.00	0.00
64.75	0.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	0.00
65.25	0.00	0.00	0.00	0.00
65.50	0.00	0.00	0.00	0.00
65.75	0.00	0.00	0.00	0.00
66.00	0.00	0.00	0.00	0.00
66.25	0.00	0.00	0.00	0.00
66.50	0.00	0.00	0.00	0.00
66.75	0.00	0.00	0.00	0.00
67.00	0.00	0.00	0.00	0.00
67.25	0.00	0.00	0.00	0.00
67.50	0.00	0.00	0.00	0.00
67.75	0.00	0.00	0.00	0.00
68.00	0.00	0.00	0.00	0.00
68.25	0.00	0.00	0.00	0.00
68.50	0.00	0.00	0.00	0.00
68.75	0.00	0.00	0.00	0.00
69.00	0.00	0.00	0.00	0.00
69.25	0.00	0.00	0.00	0.00
69.50	0.00	0.00	0.00	0.00
69.75	0.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	0.00
70.25	0.00	0.00	0.00	0.00
70.50	0.00	0.00	0.00	0.00
70.75	0.00	0.00	0.00	0.00
71.00	0.00	0.00	0.00	0.00
71.25	0.00	0.00	0.00	0.00
71.50	0.00	0.00	0.00	0.00
71.75	0.00	0.00	0.00	0.00
72.00	0.00	0.00	0.00	0.00

THE MAXIMUM DISCHARGE FROM CROSS SECTION 25 IS: 0.00 CFS AT TIME: 0.00 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 0.00 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 25

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00

10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00
13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	0.00
13.75	0.00	0.00	0.00	0.00
14.00	0.00	0.00	0.00	0.00
14.25	0.00	0.00	0.00	0.00
14.50	0.00	0.00	0.00	0.00
14.75	0.00	0.00	0.00	0.00
15.00	0.00	0.00	0.00	0.00
15.25	0.00	0.00	0.00	0.00
15.50	0.00	0.00	0.00	0.00
15.75	0.00	0.00	0.00	0.00
16.00	0.00	0.00	0.00	0.00
16.25	0.00	0.00	0.00	0.00
16.50	0.00	0.00	0.00	0.00
16.75	0.00	0.00	0.00	0.00
17.00	0.00	0.00	0.00	0.00
17.25	0.00	0.00	0.00	0.00
17.50	0.00	0.00	0.00	0.00
17.75	0.00	0.00	0.00	0.00
18.00	0.00	0.00	0.00	0.00
18.25	0.00	0.00	0.00	0.00
18.50	0.00	0.00	0.00	0.00
18.75	0.00	0.00	0.00	0.00
19.00	0.00	0.00	0.00	0.00
19.25	0.00	0.00	0.00	0.00
19.50	0.00	0.00	0.00	0.00
19.75	0.00	0.00	0.00	0.00
20.00	0.00	0.00	0.00	0.00
20.25	0.00	0.00	0.00	0.00
20.50	0.00	0.00	0.00	0.00
20.75	0.00	0.00	0.00	0.00
21.00	0.00	0.00	0.00	0.00
21.25	0.00	0.00	0.00	0.00
21.50	0.00	0.00	0.00	0.00
21.75	0.00	0.00	0.00	0.00
22.00	0.00	0.00	0.00	0.00
22.25	0.00	0.00	0.00	0.00
22.50	0.00	0.00	0.00	0.00
22.75	0.00	0.00	0.00	0.00
23.00	0.00	0.00	0.00	0.00
23.25	0.00	0.00	0.00	0.00
23.50	0.00	0.00	0.00	0.00
23.75	0.00	0.00	0.00	0.00
24.00	0.00	0.00	0.00	0.00
24.25	0.00	0.00	0.00	0.00
24.50	0.00	0.00	0.00	0.00
24.75	0.00	0.00	0.00	0.00
25.00	0.00	0.00	0.00	0.00
25.25	0.00	0.00	0.00	0.00
25.50	0.00	0.00	0.00	0.00
25.75	0.00	0.00	0.00	0.00
26.00	0.00	0.00	0.00	0.00
26.25	0.00	0.00	0.00	0.00
26.50	0.00	0.00	0.00	0.00
26.75	0.00	0.00	0.00	0.00
27.00	0.00	0.00	0.00	0.00
27.25	0.00	0.00	0.00	0.00
27.50	0.00	0.00	0.00	0.00
27.75	0.00	0.00	0.00	0.00
28.00	0.00	0.00	0.00	0.00
28.25	0.00	0.00	0.00	0.00
28.50	0.00	0.00	0.00	0.00
28.75	0.00	0.00	0.00	0.00
29.00	0.00	0.00	0.00	0.00
29.25	0.00	0.00	0.00	0.00
29.50	0.00	0.00	0.00	0.00
29.75	0.00	0.00	0.00	0.00
30.00	0.00	0.00	0.00	0.00
30.25	0.00	0.00	0.00	0.00
30.50	0.00	0.00	0.00	0.00
30.75	0.00	0.00	0.00	0.00
31.00	0.00	0.00	0.00	0.00
31.25	0.00	0.00	0.00	0.00
31.50	0.00	0.00	0.00	0.00
31.75	0.00	0.00	0.00	0.00
32.00	0.00	0.00	0.00	0.00
32.25	0.00	0.00	0.00	0.00
32.50	0.00	0.00	0.00	0.00
32.75	0.00	0.00	0.00	0.00
33.00	0.00	0.00	0.00	0.00
33.25	0.00	0.00	0.00	0.00
33.50	0.00	0.00	0.00	0.00
33.75	0.00	0.00	0.00	0.00
34.00	0.00	0.00	0.00	0.00
34.25	0.00	0.00	0.00	0.00
34.50	0.00	0.00	0.00	0.00
34.75	0.00	0.00	0.00	0.00
35.00	0.00	0.00	0.00	0.00
35.25	0.00	0.00	0.00	0.00
35.50	0.00	0.00	0.00	0.00
35.75	0.00	0.00	0.00	0.00
36.00	0.00	0.00	0.00	0.00
36.25	0.00	0.00	0.00	0.00
36.50	0.00	0.00	0.00	0.00

36.75	0.00	0.00	0.00	0.00
37.00	0.00	0.00	0.00	0.00
37.25	0.00	0.00	0.00	0.00
37.50	0.00	0.00	0.00	0.00
37.75	0.00	0.00	0.00	0.00
38.00	0.00	0.00	0.00	0.00
38.25	0.00	0.00	0.00	0.00
38.50	0.00	0.00	0.00	0.00
38.75	0.00	0.00	0.00	0.00
39.00	0.00	0.00	0.00	0.00
39.25	0.00	0.00	0.00	0.00
39.50	0.00	0.00	0.00	0.00
39.75	0.00	0.00	0.00	0.00
40.00	0.00	0.00	0.00	0.00
40.25	0.00	0.00	0.00	0.00
40.50	0.00	0.00	0.00	0.00
40.75	0.00	0.00	0.00	0.00
41.00	0.00	0.00	0.00	0.00
41.25	0.00	0.00	0.00	0.00
41.50	0.00	0.00	0.00	0.00
41.75	0.00	0.00	0.00	0.00
42.00	0.00	0.00	0.00	0.00
42.25	0.00	0.00	0.00	0.00
42.50	0.00	0.00	0.00	0.00
42.75	0.00	0.00	0.00	0.00
43.00	0.00	0.00	0.00	0.00
43.25	0.00	0.00	0.00	0.00
43.50	0.00	0.00	0.00	0.00
43.75	0.00	0.00	0.00	0.00
44.00	0.00	0.00	0.00	0.00
44.25	0.00	0.00	0.00	0.00
44.50	0.00	0.00	0.00	0.00
44.75	0.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	0.00
45.25	0.00	0.00	0.00	0.00
45.50	0.00	0.00	0.00	0.00
45.75	0.00	0.00	0.00	0.00
46.00	0.00	0.00	0.00	0.00
46.25	0.00	0.00	0.00	0.00
46.50	0.00	0.00	0.00	0.00
46.75	0.00	0.00	0.00	0.00
47.00	0.00	0.00	0.00	0.00
47.25	0.00	0.00	0.00	0.00
47.50	0.00	0.00	0.00	0.00
47.75	0.00	0.00	0.00	0.00
48.00	0.00	0.00	0.00	0.00
48.25	0.00	0.00	0.00	0.00
48.50	0.00	0.00	0.00	0.00
48.75	0.00	0.00	0.00	0.00
49.00	0.00	0.00	0.00	0.00
49.25	0.00	0.00	0.00	0.00
49.50	0.00	0.00	0.00	0.00
49.75	0.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	0.00
50.25	0.00	0.00	0.00	0.00
50.50	0.00	0.00	0.00	0.00
50.75	0.00	0.00	0.00	0.00
51.00	0.00	0.00	0.00	0.00
51.25	0.00	0.00	0.00	0.00
51.50	0.00	0.00	0.00	0.00
51.75	0.00	0.00	0.00	0.00
52.00	0.00	0.00	0.00	0.00
52.25	0.00	0.00	0.00	0.00
52.50	0.00	0.00	0.00	0.00
52.75	0.00	0.00	0.00	0.00
53.00	0.00	0.00	0.00	0.00
53.25	0.00	0.00	0.00	0.00
53.50	0.00	0.00	0.00	0.00
53.75	0.00	0.00	0.00	0.00
54.00	0.00	0.00	0.00	0.00
54.25	0.00	0.00	0.00	0.00
54.50	0.00	0.00	0.00	0.00
54.75	0.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	0.00
55.25	0.00	0.00	0.00	0.00
55.50	0.00	0.00	0.00	0.00
55.75	0.00	0.00	0.00	0.00
56.00	0.00	0.00	0.00	0.00
56.25	0.00	0.00	0.00	0.00
56.50	0.00	0.00	0.00	0.00
56.75	0.00	0.00	0.00	0.00
57.00	0.00	0.00	0.00	0.00
57.25	0.00	0.00	0.00	0.00
57.50	0.00	0.00	0.00	0.00
57.75	0.00	0.00	0.00	0.00
58.00	0.00	0.00	0.00	0.00
58.25	0.00	0.00	0.00	0.00
58.50	0.00	0.00	0.00	0.00
58.75	0.00	0.00	0.00	0.00
59.00	0.00	0.00	0.00	0.00
59.25	0.00	0.00	0.00	0.00
59.50	0.00	0.00	0.00	0.00
59.75	0.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	0.00
60.25	0.00	0.00	0.00	0.00
60.50	0.00	0.00	0.00	0.00
60.75	0.00	0.00	0.00	0.00
61.00	0.00	0.00	0.00	0.00
61.25	0.00	0.00	0.00	0.00
61.50	0.00	0.00	0.00	0.00
61.75	0.00	0.00	0.00	0.00
62.00	0.00	0.00	0.00	0.00
62.25	0.00	0.00	0.00	0.00
62.50	0.00	0.00	0.00	0.00
62.75	0.00	0.00	0.00	0.00
63.00	0.00	0.00	0.00	0.00

63.25	0.00	0.00	0.00	0.00
63.50	0.00	0.00	0.00	0.00
63.75	0.00	0.00	0.00	0.00
64.00	0.00	0.00	0.00	0.00
64.25	0.00	0.00	0.00	0.00
64.50	0.00	0.00	0.00	0.00
64.75	0.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	0.00
65.25	0.00	0.00	0.00	0.00
65.50	0.00	0.00	0.00	0.00
65.75	0.00	0.00	0.00	0.00
66.00	0.00	0.00	0.00	0.00
66.25	0.00	0.00	0.00	0.00
66.50	0.00	0.00	0.00	0.00
66.75	0.00	0.00	0.00	0.00
67.00	0.00	0.00	0.00	0.00
67.25	0.00	0.00	0.00	0.00
67.50	0.00	0.00	0.00	0.00
67.75	0.00	0.00	0.00	0.00
68.00	0.00	0.00	0.00	0.00
68.25	0.00	0.00	0.00	0.00
68.50	0.00	0.00	0.00	0.00
68.75	0.00	0.00	0.00	0.00
69.00	0.00	0.00	0.00	0.00
69.25	0.00	0.00	0.00	0.00
69.50	0.00	0.00	0.00	0.00
69.75	0.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	0.00
70.25	0.00	0.00	0.00	0.00
70.50	0.00	0.00	0.00	0.00
70.75	0.00	0.00	0.00	0.00
71.00	0.00	0.00	0.00	0.00
71.25	0.00	0.00	0.00	0.00
71.50	0.00	0.00	0.00	0.00
71.75	0.00	0.00	0.00	0.00
72.00	0.00	0.00	0.00	0.00

THE MAXIMUM DISCHARGE FROM CROSS SECTION 28 IS: 358.06 CFS AT TIME: 18.91 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 139.54 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 28

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00
13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	0.00
13.75	0.00	0.00	0.00	0.00
14.00	0.00	0.00	0.00	0.00
14.25	0.00	0.00	0.00	0.00
14.50	0.00	0.00	0.00	0.00
14.75	0.00	0.00	0.00	0.00
15.00	0.00	0.00	0.00	0.00

15.25	0.00	0.00	0.00	0.00
15.50	0.00	0.00	0.00	0.00
15.75	0.00	0.00	0.00	0.00
16.00	0.00	0.00	0.00	0.00
16.25	0.00	0.00	0.00	0.00
16.50	0.00	0.00	0.00	0.00
16.75	0.00	0.00	0.00	0.00
17.00	0.00	0.00	0.00	0.00
17.25	0.00	0.00	0.00	0.00
17.50	0.00	0.00	0.00	0.00
17.75	0.00	0.00	0.00	0.00
18.00	0.00	0.00	0.00	0.00
18.25	0.00	0.00	0.00	0.00
18.50	150.00	0.12	9.42	162.99
18.75	450.00	0.27	2.69	324.55
19.00	675.00	0.31	1.70	351.84
19.25	675.00	0.34	1.47	340.88
19.50	750.00	0.34	1.29	325.29
19.75	675.00	0.32	1.44	309.48
20.00	600.00	0.30	1.64	292.02
20.25	825.00	0.29	1.16	275.59
20.50	600.00	0.28	1.54	261.70
20.75	675.00	0.28	1.29	244.80
21.00	750.00	0.26	1.18	227.72
21.25	675.00	0.26	1.20	209.90
21.50	675.00	0.25	1.16	194.26
21.75	750.00	0.25	0.97	180.73
22.00	750.00	0.24	0.94	166.69
22.25	675.00	0.22	1.06	156.72
22.50	750.00	0.22	0.90	147.54
22.75	750.00	0.21	0.89	136.97
23.00	675.00	0.19	0.99	126.49
23.25	600.00	0.18	1.12	118.44
23.50	600.00	0.17	1.09	110.28
23.75	750.00	0.16	0.85	105.29
24.00	600.00	0.15	1.06	98.71
24.25	675.00	0.16	0.88	92.53
24.50	525.00	0.13	1.24	87.05
24.75	375.00	0.11	1.96	82.17
25.00	525.00	0.13	1.17	78.04
25.25	525.00	0.12	1.15	73.91
25.50	375.00	0.10	1.83	67.86
25.75	375.00	0.09	1.78	63.01
26.00	375.00	0.09	1.73	59.11
26.25	525.00	0.11	1.01	56.32
26.50	300.00	0.08	2.28	52.76
26.75	300.00	0.07	2.28	50.70
27.00	375.00	0.08	1.66	49.90
27.25	375.00	0.08	1.56	45.16
27.50	300.00	0.07	2.16	42.58
27.75	375.00	0.07	1.43	38.99
28.00	375.00	0.07	1.44	39.00
28.25	450.00	0.08	0.99	35.63
28.50	300.00	0.06	1.98	35.73
28.75	225.00	0.05	3.09	34.52
29.00	375.00	0.07	1.36	34.21
29.25	450.00	0.08	0.92	31.48
29.50	300.00	0.06	1.75	30.21
29.75	300.00	0.06	1.84	31.73
30.00	300.00	0.06	1.78	30.55
30.25	375.00	0.07	1.24	30.95
30.50	300.00	0.06	1.76	30.12
30.75	375.00	0.07	1.18	29.21
31.00	300.00	0.06	1.73	29.36
31.25	225.00	0.05	2.79	29.70
31.50	225.00	0.05	2.62	27.80
31.75	375.00	0.07	1.10	26.89
32.00	225.00	0.05	2.59	27.06
32.25	300.00	0.06	1.48	24.50
32.50	150.00	0.04	4.24	23.03
32.75	150.00	0.04	4.59	24.95
33.00	225.00	0.05	2.03	20.61
33.25	150.00	0.04	3.85	20.99
33.50	225.00	0.05	1.95	19.85
33.75	225.00	0.04	1.93	19.18
34.00	150.00	0.03	3.56	18.49
34.25	225.00	0.04	1.75	17.05
34.50	150.00	0.03	3.43	17.21
34.75	150.00	0.03	3.22	16.05
35.00	150.00	0.03	3.32	16.20
35.25	150.00	0.03	2.82	13.31
35.50	150.00	0.03	2.94	12.80
35.75	225.00	0.04	1.49	12.61
36.00	150.00	0.03	3.16	13.11
36.25	150.00	0.03	2.63	10.47
36.50	225.00	0.04	1.33	10.49
36.75	150.00	0.03	2.49	9.54
37.00	150.00	0.02	2.37	8.85
37.25	225.00	0.03	1.15	8.56
37.50	150.00	0.02	2.55	7.62
37.75	150.00	0.02	2.55	7.31
38.00	150.00	0.02	2.30	6.48
38.25	225.00	0.03	0.95	5.91
38.50	225.00	0.03	1.06	6.55
38.75	75.00	0.01	8.01	6.03
39.00	150.00	0.02	1.71	5.13
39.25	75.00	0.01	6.63	4.98
39.50	150.00	0.02	1.68	4.60
39.75	150.00	0.02	1.04	2.85
40.00	75.00	0.01	3.86	2.90
40.25	75.00	0.01	4.88	3.67
40.50	150.00	0.02	0.42	1.27
40.75	0.00	0.00	0.00	2.16
41.00	225.00	0.03	0.13	0.78
41.25	0.00	0.00	0.00	3.70
41.50	0.00	0.00	0.00	2.14

41.75	0.00	0.00	0.00	0.39
42.00	0.00	0.00	0.00	0.00
42.25	75.00	0.01	0.52	0.39
42.50	0.00	0.00	0.00	0.00
42.75	75.00	0.01	0.53	0.39
43.00	0.00	0.00	0.00	0.00
43.25	0.00	0.00	0.00	0.00
43.50	0.00	0.00	0.00	1.16
43.75	0.00	0.00	0.00	0.00
44.00	0.00	0.00	0.00	0.00
44.25	0.00	0.00	0.00	0.00
44.50	0.00	0.00	0.00	0.00
44.75	0.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	0.00
45.25	0.00	0.00	0.00	0.00
45.50	0.00	0.00	0.00	0.00
45.75	0.00	0.00	0.00	0.00
46.00	0.00	0.00	0.00	0.00
46.25	75.00	0.01	0.52	0.39
46.50	0.00	0.00	0.00	0.00
46.75	0.00	0.00	0.00	0.00
47.00	0.00	0.00	0.00	0.39
47.25	0.00	0.00	0.00	0.00
47.50	0.00	0.00	0.00	0.00
47.75	0.00	0.00	0.00	0.00
48.00	0.00	0.00	0.00	0.00
48.25	0.00	0.00	0.00	0.00
48.50	0.00	0.00	0.00	0.00
48.75	0.00	0.00	0.00	0.00
49.00	0.00	0.00	0.00	0.00
49.25	0.00	0.00	0.00	0.00
49.50	0.00	0.00	0.00	0.00
49.75	0.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	0.00
50.25	0.00	0.00	0.00	0.00
50.50	0.00	0.00	0.00	0.00
50.75	0.00	0.00	0.00	0.00
51.00	0.00	0.00	0.00	0.00
51.25	0.00	0.00	0.00	0.00
51.50	0.00	0.00	0.00	0.00
51.75	0.00	0.00	0.00	0.00
52.00	0.00	0.00	0.00	0.00
52.25	0.00	0.00	0.00	0.00
52.50	0.00	0.00	0.00	0.00
52.75	0.00	0.00	0.00	0.00
53.00	0.00	0.00	0.00	0.00
53.25	0.00	0.00	0.00	0.00
53.50	0.00	0.00	0.00	0.00
53.75	0.00	0.00	0.00	0.00
54.00	0.00	0.00	0.00	0.00
54.25	0.00	0.00	0.00	0.00
54.50	0.00	0.00	0.00	0.00
54.75	0.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	0.00
55.25	0.00	0.00	0.00	0.00
55.50	0.00	0.00	0.00	0.00
55.75	0.00	0.00	0.00	0.00
56.00	0.00	0.00	0.00	0.00
56.25	0.00	0.00	0.00	0.00
56.50	0.00	0.00	0.00	0.00
56.75	0.00	0.00	0.00	0.00
57.00	0.00	0.00	0.00	0.00
57.25	0.00	0.00	0.00	0.00
57.50	0.00	0.00	0.00	0.00
57.75	0.00	0.00	0.00	0.00
58.00	0.00	0.00	0.00	0.00
58.25	0.00	0.00	0.00	0.00
58.50	0.00	0.00	0.00	0.00
58.75	0.00	0.00	0.00	0.00
59.00	0.00	0.00	0.00	0.00
59.25	0.00	0.00	0.00	0.00
59.50	0.00	0.00	0.00	0.00
59.75	0.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	0.00
60.25	0.00	0.00	0.00	0.00
60.50	0.00	0.00	0.00	0.00
60.75	0.00	0.00	0.00	0.00
61.00	0.00	0.00	0.00	0.00
61.25	0.00	0.00	0.00	0.00
61.50	0.00	0.00	0.00	0.00
61.75	0.00	0.00	0.00	0.00
62.00	0.00	0.00	0.00	0.00
62.25	0.00	0.00	0.00	0.00
62.50	0.00	0.00	0.00	0.00
62.75	0.00	0.00	0.00	0.00
63.00	0.00	0.00	0.00	0.00
63.25	0.00	0.00	0.00	0.00
63.50	0.00	0.00	0.00	0.00
63.75	0.00	0.00	0.00	0.00
64.00	0.00	0.00	0.00	0.00
64.25	0.00	0.00	0.00	0.00
64.50	0.00	0.00	0.00	0.00
64.75	0.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	0.00
65.25	0.00	0.00	0.00	0.00
65.50	0.00	0.00	0.00	0.00
65.75	0.00	0.00	0.00	0.00
66.00	0.00	0.00	0.00	0.00
66.25	0.00	0.00	0.00	0.00
66.50	0.00	0.00	0.00	0.00
66.75	0.00	0.00	0.00	0.00
67.00	0.00	0.00	0.00	0.00
67.25	0.00	0.00	0.00	0.00
67.50	0.00	0.00	0.00	0.00
67.75	0.00	0.00	0.00	0.00
68.00	0.00	0.00	0.00	0.00

68.25	0.00	0.00	0.00	0.00
68.50	0.00	0.00	0.00	0.00
68.75	0.00	0.00	0.00	0.00
69.00	0.00	0.00	0.00	0.00
69.25	0.00	0.00	0.00	0.00
69.50	0.00	0.00	0.00	0.00
69.75	0.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	0.00
70.25	0.00	0.00	0.00	0.00
70.50	0.00	0.00	0.00	0.00
70.75	0.00	0.00	0.00	0.00
71.00	0.00	0.00	0.00	0.00
71.25	0.00	0.00	0.00	0.00
71.50	0.00	0.00	0.00	0.00
71.75	0.00	0.00	0.00	0.00
72.00	0.00	0.00	0.00	0.00

THE MAXIMUM DISCHARGE FROM CROSS SECTION 30 IS: 43.02 CFS AT TIME: 21.04 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 17.67 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 30

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00
13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	0.00
13.75	0.00	0.00	0.00	0.00
14.00	0.00	0.00	0.00	0.00
14.25	0.00	0.00	0.00	0.00
14.50	0.00	0.00	0.00	0.00
14.75	0.00	0.00	0.00	0.00
15.00	0.00	0.00	0.00	0.00
15.25	0.00	0.00	0.00	0.00
15.50	0.00	0.00	0.00	0.00
15.75	0.00	0.00	0.00	0.00
16.00	0.00	0.00	0.00	0.00
16.25	0.00	0.00	0.00	0.00
16.50	0.00	0.00	0.00	0.00
16.75	0.00	0.00	0.00	0.00
17.00	0.00	0.00	0.00	0.00
17.25	0.00	0.00	0.00	0.00
17.50	0.00	0.00	0.00	0.00
17.75	0.00	0.00	0.00	0.00
18.00	0.00	0.00	0.00	0.00
18.25	0.00	0.00	0.00	0.00
18.50	0.00	0.00	0.00	0.00
18.75	0.00	0.00	0.00	0.00
19.00	0.00	0.00	0.00	0.00
19.25	0.00	0.00	0.00	0.00
19.50	0.00	0.00	0.00	0.00
19.75	0.00	0.00	0.00	0.00

20.00	0.00	0.00	0.00	0.00
20.25	0.00	0.00	0.00	0.00
20.50	225.00	0.06	1.77	24.89
20.75	225.00	0.08	2.27	39.21
21.00	225.00	0.08	2.37	42.88
21.25	300.00	0.09	1.61	42.26
21.50	225.00	0.08	2.33	40.82
21.75	300.00	0.08	1.52	38.07
22.00	225.00	0.07	2.18	35.75
22.25	225.00	0.07	2.11	32.99
22.50	225.00	0.07	2.06	30.87
22.75	225.00	0.06	2.00	28.75
23.00	225.00	0.06	1.94	26.67
23.25	225.00	0.06	1.84	24.45
23.50	225.00	0.06	1.81	23.15
23.75	225.00	0.05	1.78	21.73
24.00	225.00	0.05	1.57	18.31
24.25	225.00	0.05	1.50	17.13
24.50	225.00	0.05	1.47	16.45
24.75	225.00	0.05	1.30	14.56
25.00	225.00	0.05	1.34	14.76
25.25	225.00	0.05	1.24	13.19
25.50	225.00	0.05	1.20	12.52
25.75	225.00	0.04	1.14	11.55
26.00	225.00	0.05	1.03	11.08
26.25	225.00	0.05	0.97	10.62
26.50	225.00	0.05	0.96	10.12
26.75	225.00	0.05	0.95	9.68
27.00	225.00	0.04	0.94	9.27
27.25	225.00	0.04	0.92	8.83
27.50	225.00	0.04	0.90	8.39
27.75	225.00	0.04	0.88	7.94
28.00	225.00	0.04	0.88	7.81
28.25	225.00	0.04	0.80	6.93
28.50	225.00	0.04	0.78	6.56
28.75	225.00	0.04	0.83	6.86
29.00	225.00	0.04	0.77	6.07
29.25	225.00	0.03	0.88	6.85
29.50	225.00	0.03	0.77	5.80
29.75	225.00	0.03	0.83	6.15
30.00	225.00	0.03	0.67	4.94
30.25	225.00	0.03	0.57	4.15
30.50	225.00	0.03	0.67	4.82
30.75	225.00	0.03	0.82	5.91
31.00	225.00	0.03	0.67	4.77
31.25	225.00	0.03	0.66	4.68
31.50	225.00	0.03	0.66	4.65
31.75	225.00	0.03	0.65	4.59
32.00	225.00	0.03	0.56	3.88
32.25	225.00	0.03	0.55	3.86
32.50	225.00	0.03	0.65	4.54
32.75	150.00	0.02	1.31	4.51
33.00	225.00	0.03	0.53	3.68
33.25	225.00	0.03	0.38	2.62
33.50	150.00	0.02	1.31	4.49
33.75	225.00	0.03	0.54	3.68
34.00	225.00	0.03	0.65	4.45
34.25	150.00	0.02	1.19	4.40
34.50	225.00	0.03	0.65	4.42
34.75	75.00	0.02	3.36	4.40
35.00	150.00	0.02	1.18	4.28
35.25	150.00	0.02	1.30	4.32
35.50	150.00	0.02	1.27	4.21
35.75	225.00	0.03	0.62	4.14
36.00	150.00	0.02	1.07	3.48
36.25	150.00	0.02	0.83	2.90
36.50	150.00	0.02	0.80	2.76
36.75	150.00	0.02	0.82	2.77
37.00	75.00	0.02	3.34	3.77
37.25	75.00	0.01	3.27	3.58
37.50	75.00	0.01	3.39	3.61
37.75	150.00	0.02	0.65	1.76
38.00	150.00	0.02	0.41	1.08
38.25	150.00	0.02	0.40	1.07
38.50	225.00	0.02	0.19	1.04
38.75	150.00	0.02	0.87	2.08
39.00	150.00	0.02	0.38	0.97
39.25	150.00	0.02	0.86	2.02
39.50	75.00	0.01	3.67	2.53
39.75	75.00	0.01	1.29	0.88
40.00	75.00	0.01	2.78	1.90
40.25	75.00	0.01	1.28	0.88
40.50	150.00	0.02	0.84	1.93
40.75	75.00	0.00	0.00	0.00
41.00	75.00	0.01	1.27	0.87
41.25	75.00	0.01	1.39	0.87
41.50	75.00	0.00	0.00	0.00
41.75	75.00	0.01	1.11	0.76
42.00	75.00	0.01	1.56	1.06
42.25	75.00	0.00	0.00	0.00
42.50	75.00	0.00	0.00	0.00
42.75	0.00	0.00	0.00	0.86
43.00	0.00	0.00	0.00	0.77
43.25	0.00	0.00	0.00	0.74
43.50	0.00	0.00	0.00	0.00
43.75	150.00	0.02	0.46	1.05
44.00	0.00	0.00	0.00	0.76
44.25	75.00	0.00	0.00	0.00
44.50	0.00	0.00	0.00	1.02
44.75	0.00	0.00	0.00	0.00
45.00	75.00	0.00	0.00	0.00
45.25	75.00	0.00	0.00	0.00
45.50	0.00	0.00	0.00	0.00
45.75	0.00	0.00	0.00	0.74
46.00	0.00	0.00	0.00	0.00
46.25	0.00	0.00	0.00	0.00

46.50	0.00	0.00	0.00	0.77
46.75	75.00	0.00	0.00	0.00
47.00	0.00	0.00	0.00	0.76
47.25	75.00	0.00	0.00	0.00
47.50	0.00	0.00	0.00	0.00
47.75	0.00	0.00	0.00	0.73
48.00	75.00	0.00	0.00	0.00
48.25	0.00	0.00	0.00	0.00
48.50	0.00	0.00	0.00	0.00
48.75	0.00	0.00	0.00	0.00
49.00	0.00	0.00	0.00	0.00
49.25	75.00	0.00	0.00	0.00
49.50	0.00	0.00	0.00	0.78
49.75	0.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	0.00
50.25	0.00	0.00	0.00	0.00
50.50	0.00	0.00	0.00	0.77
50.75	0.00	0.00	0.00	0.00
51.00	0.00	0.00	0.00	0.00
51.25	0.00	0.00	0.00	1.38
51.50	0.00	0.00	0.00	0.00
51.75	0.00	0.00	0.00	0.00
52.00	0.00	0.00	0.00	0.78
52.25	0.00	0.00	0.00	0.00
52.50	0.00	0.00	0.00	0.00
52.75	0.00	0.00	0.00	0.00
53.00	0.00	0.00	0.00	0.00
53.25	0.00	0.00	0.00	0.00
53.50	0.00	0.00	0.00	0.00
53.75	0.00	0.00	0.00	0.00
54.00	0.00	0.00	0.00	0.00
54.25	0.00	0.00	0.00	0.00
54.50	0.00	0.00	0.00	0.00
54.75	0.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	0.00
55.25	0.00	0.00	0.00	0.00
55.50	0.00	0.00	0.00	0.00
55.75	0.00	0.00	0.00	0.00
56.00	0.00	0.00	0.00	0.00
56.25	0.00	0.00	0.00	0.00
56.50	0.00	0.00	0.00	0.00
56.75	0.00	0.00	0.00	0.00
57.00	0.00	0.00	0.00	0.00
57.25	0.00	0.00	0.00	0.00
57.50	0.00	0.00	0.00	0.00
57.75	0.00	0.00	0.00	0.00
58.00	0.00	0.00	0.00	0.00
58.25	0.00	0.00	0.00	0.00
58.50	0.00	0.00	0.00	0.00
58.75	0.00	0.00	0.00	0.00
59.00	0.00	0.00	0.00	0.00
59.25	0.00	0.00	0.00	0.00
59.50	0.00	0.00	0.00	0.00
59.75	0.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	0.00
60.25	0.00	0.00	0.00	0.00
60.50	0.00	0.00	0.00	0.00
60.75	0.00	0.00	0.00	0.00
61.00	0.00	0.00	0.00	0.00
61.25	0.00	0.00	0.00	0.00
61.50	0.00	0.00	0.00	0.00
61.75	0.00	0.00	0.00	0.00
62.00	0.00	0.00	0.00	0.00
62.25	0.00	0.00	0.00	0.00
62.50	0.00	0.00	0.00	0.00
62.75	0.00	0.00	0.00	0.00
63.00	0.00	0.00	0.00	0.00
63.25	0.00	0.00	0.00	0.00
63.50	0.00	0.00	0.00	0.00
63.75	0.00	0.00	0.00	0.00
64.00	0.00	0.00	0.00	0.00
64.25	0.00	0.00	0.00	0.00
64.50	0.00	0.00	0.00	0.00
64.75	0.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	0.00
65.25	0.00	0.00	0.00	0.00
65.50	0.00	0.00	0.00	0.00
65.75	0.00	0.00	0.00	0.00
66.00	0.00	0.00	0.00	0.00
66.25	0.00	0.00	0.00	0.00
66.50	0.00	0.00	0.00	0.00
66.75	0.00	0.00	0.00	0.00
67.00	0.00	0.00	0.00	0.00
67.25	0.00	0.00	0.00	0.00
67.50	0.00	0.00	0.00	0.00
67.75	0.00	0.00	0.00	0.00
68.00	0.00	0.00	0.00	0.00
68.25	0.00	0.00	0.00	0.00
68.50	0.00	0.00	0.00	0.00
68.75	0.00	0.00	0.00	0.00
69.00	0.00	0.00	0.00	0.00
69.25	0.00	0.00	0.00	0.00
69.50	0.00	0.00	0.00	0.00
69.75	0.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	0.00
70.25	0.00	0.00	0.00	0.00
70.50	0.00	0.00	0.00	0.00
70.75	0.00	0.00	0.00	0.00
71.00	0.00	0.00	0.00	0.00
71.25	0.00	0.00	0.00	0.00
71.50	0.00	0.00	0.00	0.00
71.75	0.00	0.00	0.00	0.00
72.00	0.00	0.00	0.00	0.00

24-Hour, 5-Year HYCROSS.OUT

THE MAXIMUM DISCHARGE FROM CROSS SECTION 1 IS: 249.63 CFS AT TIME: 16.23 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 28.73 AF

NOTE: THE MAXIMUM DISCHARGE AT THIS CROSS SECTION INCLUDES THE CHANNEL DISCHARGE
THE HYDRAULIC VARIABLES IN THE TABLE BELOW ARE COMPUTED FOR THE FLOODPLAIN FLOW (DEPTH > TOL) ONLY
IF THE HYDRAULIC VARIABLES ARE ZERO IN THE TABLE BELOW, ALL THE DISCHARGE IS IN THE CHANNEL

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 1

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	1.15
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	3.71
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00
13.00	0.00	0.00	0.00	8.09
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	34.84
13.75	0.00	0.00	0.00	20.99
14.00	0.00	0.00	0.00	51.93
14.25	0.00	0.00	0.00	70.78
14.50	0.00	0.00	0.00	53.87
14.75	0.00	0.00	0.00	24.62
15.00	0.00	0.00	0.00	90.49
15.25	150.00	0.18	0.76	22.30
15.50	150.00	0.17	1.20	39.42
15.75	150.00	0.19	1.33	51.27
16.00	150.00	0.17	1.22	31.63
16.25	150.00	0.17	1.29	85.89
16.50	150.00	0.15	1.08	24.29
16.75	150.00	0.16	1.21	28.79
17.00	150.00	0.15	0.59	102.02
17.25	150.00	0.15	0.56	43.56
17.50	150.00	0.15	0.59	12.80
17.75	150.00	0.13	0.57	66.33
18.00	150.00	0.13	0.52	9.87
18.25	150.00	0.14	0.52	48.18
18.50	150.00	0.11	0.40	48.51
18.75	150.00	0.13	0.48	29.55
19.00	150.00	0.12	0.38	6.79
19.25	0.00	0.00	0.00	0.00
19.50	150.00	0.13	0.42	40.81
19.75	0.00	0.00	0.00	0.00
20.00	0.00	0.00	0.00	0.00
20.25	0.00	0.00	0.00	0.00
20.50	0.00	0.00	0.00	0.00
20.75	0.00	0.00	0.00	0.00
21.00	0.00	0.00	0.00	0.00
21.25	0.00	0.00	0.00	0.00
21.50	0.00	0.00	0.00	0.00
21.75	0.00	0.00	0.00	0.00
22.00	75.00	0.07	1.50	7.35
22.25	0.00	0.00	0.00	0.00
22.50	0.00	0.00	0.00	0.00
22.75	0.00	0.00	0.00	0.00
23.00	0.00	0.00	0.00	0.00

23.25	0.00	0.00	0.00	0.00
23.50	0.00	0.00	0.00	0.00
23.75	0.00	0.00	0.00	0.00
24.00	0.00	0.00	0.00	0.00
24.25	0.00	0.00	0.00	0.00
24.50	0.00	0.00	0.00	0.00
24.75	0.00	0.00	0.00	0.00
25.00	0.00	0.00	0.00	0.00
25.25	150.00	0.12	0.38	19.34
25.50	0.00	0.00	0.00	0.00
25.75	0.00	0.00	0.00	0.00
26.00	150.00	0.12	0.35	103.48
26.25	0.00	0.00	0.00	0.00
26.50	0.00	0.00	0.00	0.00
26.75	0.00	0.00	0.00	0.00
27.00	0.00	0.00	0.00	0.00
27.25	0.00	0.00	0.00	0.00
27.50	0.00	0.00	0.00	0.00
27.75	0.00	0.00	0.00	0.00
28.00	0.00	0.00	0.00	0.00
28.25	0.00	0.00	0.00	0.00
28.50	0.00	0.00	0.00	0.00
28.75	0.00	0.00	0.00	0.00
29.00	0.00	0.00	0.00	0.00
29.25	0.00	0.00	0.00	0.00
29.50	0.00	0.00	0.00	0.00
29.75	0.00	0.00	0.00	0.00
30.00	0.00	0.00	0.00	0.00
30.25	0.00	0.00	0.00	0.00
30.50	0.00	0.00	0.00	0.00
30.75	0.00	0.00	0.00	0.00
31.00	0.00	0.00	0.00	0.00
31.25	0.00	0.00	0.00	0.00
31.50	0.00	0.00	0.00	0.00
31.75	0.00	0.00	0.00	0.00
32.00	0.00	0.00	0.00	0.00
32.25	0.00	0.00	0.00	0.00
32.50	0.00	0.00	0.00	0.00
32.75	0.00	0.00	0.00	0.00
33.00	0.00	0.00	0.00	0.00
33.25	0.00	0.00	0.00	0.00
33.50	0.00	0.00	0.00	0.00
33.75	0.00	0.00	0.00	0.00
34.00	0.00	0.00	0.00	0.00
34.25	0.00	0.00	0.00	0.00
34.50	0.00	0.00	0.00	0.00
34.75	0.00	0.00	0.00	0.00
35.00	0.00	0.00	0.00	0.00
35.25	0.00	0.00	0.00	0.00
35.50	0.00	0.00	0.00	0.00
35.75	0.00	0.00	0.00	0.00
36.00	0.00	0.00	0.00	0.00
36.25	0.00	0.00	0.00	0.00
36.50	0.00	0.00	0.00	0.00
36.75	0.00	0.00	0.00	0.00
37.00	0.00	0.00	0.00	0.00
37.25	0.00	0.00	0.00	0.00
37.50	0.00	0.00	0.00	0.00
37.75	0.00	0.00	0.00	0.00
38.00	0.00	0.00	0.00	0.00
38.25	0.00	0.00	0.00	0.00
38.50	0.00	0.00	0.00	0.00
38.75	0.00	0.00	0.00	0.00
39.00	0.00	0.00	0.00	0.00
39.25	0.00	0.00	0.00	0.00
39.50	0.00	0.00	0.00	0.00
39.75	0.00	0.00	0.00	0.00
40.00	0.00	0.00	0.00	0.00
40.25	0.00	0.00	0.00	0.00
40.50	0.00	0.00	0.00	0.00
40.75	0.00	0.00	0.00	0.00
41.00	0.00	0.00	0.00	0.00
41.25	0.00	0.00	0.00	0.00
41.50	0.00	0.00	0.00	0.00
41.75	0.00	0.00	0.00	0.00
42.00	0.00	0.00	0.00	0.00
42.25	0.00	0.00	0.00	0.00
42.50	0.00	0.00	0.00	0.00
42.75	0.00	0.00	0.00	0.00
43.00	0.00	0.00	0.00	0.00
43.25	0.00	0.00	0.00	0.00
43.50	0.00	0.00	0.00	0.00
43.75	0.00	0.00	0.00	0.00
44.00	0.00	0.00	0.00	0.00
44.25	0.00	0.00	0.00	0.00
44.50	0.00	0.00	0.00	0.00
44.75	0.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	0.00
45.25	0.00	0.00	0.00	0.00
45.50	0.00	0.00	0.00	0.00
45.75	0.00	0.00	0.00	0.00
46.00	0.00	0.00	0.00	0.00
46.25	0.00	0.00	0.00	0.00
46.50	0.00	0.00	0.00	0.00
46.75	0.00	0.00	0.00	0.00
47.00	0.00	0.00	0.00	0.00
47.25	0.00	0.00	0.00	0.00
47.50	0.00	0.00	0.00	0.00
47.75	0.00	0.00	0.00	0.00
48.00	0.00	0.00	0.00	0.00
48.25	0.00	0.00	0.00	0.00
48.50	0.00	0.00	0.00	0.00
48.75	0.00	0.00	0.00	0.00
49.00	0.00	0.00	0.00	0.00
49.25	0.00	0.00	0.00	0.00
49.50	0.00	0.00	0.00	0.00

49.75	0.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	0.00
50.25	0.00	0.00	0.00	0.00
50.50	0.00	0.00	0.00	0.00
50.75	0.00	0.00	0.00	0.00
51.00	0.00	0.00	0.00	0.00
51.25	0.00	0.00	0.00	0.00
51.50	0.00	0.00	0.00	0.00
51.75	0.00	0.00	0.00	0.00
52.00	0.00	0.00	0.00	0.00
52.25	0.00	0.00	0.00	0.00
52.50	0.00	0.00	0.00	0.00
52.75	0.00	0.00	0.00	0.00
53.00	0.00	0.00	0.00	0.00
53.25	0.00	0.00	0.00	0.00
53.50	0.00	0.00	0.00	0.00
53.75	0.00	0.00	0.00	0.00
54.00	0.00	0.00	0.00	0.00
54.25	0.00	0.00	0.00	0.00
54.50	0.00	0.00	0.00	0.00
54.75	0.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	0.00
55.25	0.00	0.00	0.00	0.00
55.50	0.00	0.00	0.00	0.00
55.75	0.00	0.00	0.00	0.00
56.00	0.00	0.00	0.00	0.00
56.25	0.00	0.00	0.00	0.00
56.50	0.00	0.00	0.00	0.00
56.75	0.00	0.00	0.00	0.00
57.00	0.00	0.00	0.00	0.00
57.25	0.00	0.00	0.00	0.00
57.50	0.00	0.00	0.00	0.00
57.75	0.00	0.00	0.00	0.00
58.00	0.00	0.00	0.00	0.00
58.25	0.00	0.00	0.00	0.00
58.50	0.00	0.00	0.00	0.00
58.75	0.00	0.00	0.00	0.00
59.00	0.00	0.00	0.00	0.00
59.25	0.00	0.00	0.00	0.00
59.50	0.00	0.00	0.00	0.00
59.75	0.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	0.00
60.25	0.00	0.00	0.00	0.00
60.50	0.00	0.00	0.00	0.00
60.75	0.00	0.00	0.00	0.00
61.00	0.00	0.00	0.00	0.00
61.25	0.00	0.00	0.00	0.00
61.50	0.00	0.00	0.00	0.00
61.75	0.00	0.00	0.00	0.00
62.00	0.00	0.00	0.00	0.00
62.25	0.00	0.00	0.00	0.00
62.50	0.00	0.00	0.00	0.00
62.75	0.00	0.00	0.00	0.00
63.00	0.00	0.00	0.00	0.00
63.25	0.00	0.00	0.00	0.00
63.50	0.00	0.00	0.00	0.00
63.75	0.00	0.00	0.00	0.00
64.00	0.00	0.00	0.00	0.00
64.25	0.00	0.00	0.00	0.00
64.50	0.00	0.00	0.00	0.00
64.75	0.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	0.00
65.25	0.00	0.00	0.00	0.00
65.50	0.00	0.00	0.00	0.00
65.75	0.00	0.00	0.00	0.00
66.00	0.00	0.00	0.00	0.00
66.25	0.00	0.00	0.00	0.00
66.50	0.00	0.00	0.00	0.00
66.75	0.00	0.00	0.00	0.00
67.00	0.00	0.00	0.00	0.00
67.25	0.00	0.00	0.00	0.00
67.50	0.00	0.00	0.00	0.00
67.75	0.00	0.00	0.00	0.00
68.00	0.00	0.00	0.00	0.00
68.25	0.00	0.00	0.00	0.00
68.50	0.00	0.00	0.00	0.00
68.75	0.00	0.00	0.00	0.00
69.00	0.00	0.00	0.00	0.00
69.25	0.00	0.00	0.00	0.00
69.50	0.00	0.00	0.00	0.00
69.75	0.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	0.00
70.25	0.00	0.00	0.00	0.00
70.50	0.00	0.00	0.00	0.00
70.75	0.00	0.00	0.00	0.00
71.00	0.00	0.00	0.00	0.00
71.25	0.00	0.00	0.00	0.00
71.50	0.00	0.00	0.00	0.00
71.75	0.00	0.00	0.00	0.00
72.00	0.00	0.00	0.00	0.00

THE MAXIMUM DISCHARGE FROM CROSS SECTION 2 IS: 0.00 CFS AT TIME: 0.00 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 0.00 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 2

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00

1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00
13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	0.00
13.75	0.00	0.00	0.00	0.00
14.00	0.00	0.00	0.00	0.00
14.25	0.00	0.00	0.00	0.00
14.50	0.00	0.00	0.00	0.00
14.75	0.00	0.00	0.00	0.00
15.00	0.00	0.00	0.00	0.00
15.25	0.00	0.00	0.00	0.00
15.50	0.00	0.00	0.00	0.00
15.75	0.00	0.00	0.00	0.00
16.00	0.00	0.00	0.00	0.00
16.25	0.00	0.00	0.00	0.00
16.50	0.00	0.00	0.00	0.00
16.75	0.00	0.00	0.00	0.00
17.00	0.00	0.00	0.00	0.00
17.25	0.00	0.00	0.00	0.00
17.50	0.00	0.00	0.00	0.00
17.75	0.00	0.00	0.00	0.00
18.00	0.00	0.00	0.00	0.00
18.25	0.00	0.00	0.00	0.00
18.50	0.00	0.00	0.00	0.00
18.75	0.00	0.00	0.00	0.00
19.00	0.00	0.00	0.00	0.00
19.25	0.00	0.00	0.00	0.00
19.50	0.00	0.00	0.00	0.00
19.75	0.00	0.00	0.00	0.00
20.00	0.00	0.00	0.00	0.00
20.25	0.00	0.00	0.00	0.00
20.50	0.00	0.00	0.00	0.00
20.75	0.00	0.00	0.00	0.00
21.00	0.00	0.00	0.00	0.00
21.25	0.00	0.00	0.00	0.00
21.50	0.00	0.00	0.00	0.00
21.75	0.00	0.00	0.00	0.00
22.00	0.00	0.00	0.00	0.00
22.25	0.00	0.00	0.00	0.00
22.50	0.00	0.00	0.00	0.00
22.75	0.00	0.00	0.00	0.00
23.00	0.00	0.00	0.00	0.00
23.25	0.00	0.00	0.00	0.00
23.50	0.00	0.00	0.00	0.00
23.75	0.00	0.00	0.00	0.00
24.00	0.00	0.00	0.00	0.00
24.25	0.00	0.00	0.00	0.00
24.50	0.00	0.00	0.00	0.00
24.75	0.00	0.00	0.00	0.00
25.00	0.00	0.00	0.00	0.00
25.25	0.00	0.00	0.00	0.00
25.50	0.00	0.00	0.00	0.00
25.75	0.00	0.00	0.00	0.00
26.00	0.00	0.00	0.00	0.00
26.25	0.00	0.00	0.00	0.00
26.50	0.00	0.00	0.00	0.00
26.75	0.00	0.00	0.00	0.00
27.00	0.00	0.00	0.00	0.00
27.25	0.00	0.00	0.00	0.00
27.50	0.00	0.00	0.00	0.00
27.75	0.00	0.00	0.00	0.00

28.00	0.00	0.00	0.00	0.00
28.25	0.00	0.00	0.00	0.00
28.50	0.00	0.00	0.00	0.00
28.75	0.00	0.00	0.00	0.00
29.00	0.00	0.00	0.00	0.00
29.25	0.00	0.00	0.00	0.00
29.50	0.00	0.00	0.00	0.00
29.75	0.00	0.00	0.00	0.00
30.00	0.00	0.00	0.00	0.00
30.25	0.00	0.00	0.00	0.00
30.50	0.00	0.00	0.00	0.00
30.75	0.00	0.00	0.00	0.00
31.00	0.00	0.00	0.00	0.00
31.25	0.00	0.00	0.00	0.00
31.50	0.00	0.00	0.00	0.00
31.75	0.00	0.00	0.00	0.00
32.00	0.00	0.00	0.00	0.00
32.25	0.00	0.00	0.00	0.00
32.50	0.00	0.00	0.00	0.00
32.75	0.00	0.00	0.00	0.00
33.00	0.00	0.00	0.00	0.00
33.25	0.00	0.00	0.00	0.00
33.50	0.00	0.00	0.00	0.00
33.75	0.00	0.00	0.00	0.00
34.00	0.00	0.00	0.00	0.00
34.25	0.00	0.00	0.00	0.00
34.50	0.00	0.00	0.00	0.00
34.75	0.00	0.00	0.00	0.00
35.00	0.00	0.00	0.00	0.00
35.25	0.00	0.00	0.00	0.00
35.50	0.00	0.00	0.00	0.00
35.75	0.00	0.00	0.00	0.00
36.00	0.00	0.00	0.00	0.00
36.25	0.00	0.00	0.00	0.00
36.50	0.00	0.00	0.00	0.00
36.75	0.00	0.00	0.00	0.00
37.00	0.00	0.00	0.00	0.00
37.25	0.00	0.00	0.00	0.00
37.50	0.00	0.00	0.00	0.00
37.75	0.00	0.00	0.00	0.00
38.00	0.00	0.00	0.00	0.00
38.25	0.00	0.00	0.00	0.00
38.50	0.00	0.00	0.00	0.00
38.75	0.00	0.00	0.00	0.00
39.00	0.00	0.00	0.00	0.00
39.25	0.00	0.00	0.00	0.00
39.50	0.00	0.00	0.00	0.00
39.75	0.00	0.00	0.00	0.00
40.00	0.00	0.00	0.00	0.00
40.25	0.00	0.00	0.00	0.00
40.50	0.00	0.00	0.00	0.00
40.75	0.00	0.00	0.00	0.00
41.00	0.00	0.00	0.00	0.00
41.25	0.00	0.00	0.00	0.00
41.50	0.00	0.00	0.00	0.00
41.75	0.00	0.00	0.00	0.00
42.00	0.00	0.00	0.00	0.00
42.25	0.00	0.00	0.00	0.00
42.50	0.00	0.00	0.00	0.00
42.75	0.00	0.00	0.00	0.00
43.00	0.00	0.00	0.00	0.00
43.25	0.00	0.00	0.00	0.00
43.50	0.00	0.00	0.00	0.00
43.75	0.00	0.00	0.00	0.00
44.00	0.00	0.00	0.00	0.00
44.25	0.00	0.00	0.00	0.00
44.50	0.00	0.00	0.00	0.00
44.75	0.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	0.00
45.25	0.00	0.00	0.00	0.00
45.50	0.00	0.00	0.00	0.00
45.75	0.00	0.00	0.00	0.00
46.00	0.00	0.00	0.00	0.00
46.25	0.00	0.00	0.00	0.00
46.50	0.00	0.00	0.00	0.00
46.75	0.00	0.00	0.00	0.00
47.00	0.00	0.00	0.00	0.00
47.25	0.00	0.00	0.00	0.00
47.50	0.00	0.00	0.00	0.00
47.75	0.00	0.00	0.00	0.00
48.00	0.00	0.00	0.00	0.00
48.25	0.00	0.00	0.00	0.00
48.50	0.00	0.00	0.00	0.00
48.75	0.00	0.00	0.00	0.00
49.00	0.00	0.00	0.00	0.00
49.25	0.00	0.00	0.00	0.00
49.50	0.00	0.00	0.00	0.00
49.75	0.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	0.00
50.25	0.00	0.00	0.00	0.00
50.50	0.00	0.00	0.00	0.00
50.75	0.00	0.00	0.00	0.00
51.00	0.00	0.00	0.00	0.00
51.25	0.00	0.00	0.00	0.00
51.50	0.00	0.00	0.00	0.00
51.75	0.00	0.00	0.00	0.00
52.00	0.00	0.00	0.00	0.00
52.25	0.00	0.00	0.00	0.00
52.50	0.00	0.00	0.00	0.00
52.75	0.00	0.00	0.00	0.00
53.00	0.00	0.00	0.00	0.00
53.25	0.00	0.00	0.00	0.00
53.50	0.00	0.00	0.00	0.00
53.75	0.00	0.00	0.00	0.00
54.00	0.00	0.00	0.00	0.00
54.25	0.00	0.00	0.00	0.00

54.50	0.00	0.00	0.00	0.00
54.75	0.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	0.00
55.25	0.00	0.00	0.00	0.00
55.50	0.00	0.00	0.00	0.00
55.75	0.00	0.00	0.00	0.00
56.00	0.00	0.00	0.00	0.00
56.25	0.00	0.00	0.00	0.00
56.50	0.00	0.00	0.00	0.00
56.75	0.00	0.00	0.00	0.00
57.00	0.00	0.00	0.00	0.00
57.25	0.00	0.00	0.00	0.00
57.50	0.00	0.00	0.00	0.00
57.75	0.00	0.00	0.00	0.00
58.00	0.00	0.00	0.00	0.00
58.25	0.00	0.00	0.00	0.00
58.50	0.00	0.00	0.00	0.00
58.75	0.00	0.00	0.00	0.00
59.00	0.00	0.00	0.00	0.00
59.25	0.00	0.00	0.00	0.00
59.50	0.00	0.00	0.00	0.00
59.75	0.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	0.00
60.25	0.00	0.00	0.00	0.00
60.50	0.00	0.00	0.00	0.00
60.75	0.00	0.00	0.00	0.00
61.00	0.00	0.00	0.00	0.00
61.25	0.00	0.00	0.00	0.00
61.50	0.00	0.00	0.00	0.00
61.75	0.00	0.00	0.00	0.00
62.00	0.00	0.00	0.00	0.00
62.25	0.00	0.00	0.00	0.00
62.50	0.00	0.00	0.00	0.00
62.75	0.00	0.00	0.00	0.00
63.00	0.00	0.00	0.00	0.00
63.25	0.00	0.00	0.00	0.00
63.50	0.00	0.00	0.00	0.00
63.75	0.00	0.00	0.00	0.00
64.00	0.00	0.00	0.00	0.00
64.25	0.00	0.00	0.00	0.00
64.50	0.00	0.00	0.00	0.00
64.75	0.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	0.00
65.25	0.00	0.00	0.00	0.00
65.50	0.00	0.00	0.00	0.00
65.75	0.00	0.00	0.00	0.00
66.00	0.00	0.00	0.00	0.00
66.25	0.00	0.00	0.00	0.00
66.50	0.00	0.00	0.00	0.00
66.75	0.00	0.00	0.00	0.00
67.00	0.00	0.00	0.00	0.00
67.25	0.00	0.00	0.00	0.00
67.50	0.00	0.00	0.00	0.00
67.75	0.00	0.00	0.00	0.00
68.00	0.00	0.00	0.00	0.00
68.25	0.00	0.00	0.00	0.00
68.50	0.00	0.00	0.00	0.00
68.75	0.00	0.00	0.00	0.00
69.00	0.00	0.00	0.00	0.00
69.25	0.00	0.00	0.00	0.00
69.50	0.00	0.00	0.00	0.00
69.75	0.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	0.00
70.25	0.00	0.00	0.00	0.00
70.50	0.00	0.00	0.00	0.00
70.75	0.00	0.00	0.00	0.00
71.00	0.00	0.00	0.00	0.00
71.25	0.00	0.00	0.00	0.00
71.50	0.00	0.00	0.00	0.00
71.75	0.00	0.00	0.00	0.00
72.00	0.00	0.00	0.00	0.00

THE MAXIMUM DISCHARGE FROM CROSS SECTION 3 IS: 151.82 CFS AT TIME: 20.97 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 67.08 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 3

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00

6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00
13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	0.00
13.75	0.00	0.00	0.00	0.00
14.00	0.00	0.00	0.00	0.00
14.25	0.00	0.00	0.00	0.00
14.50	0.00	0.00	0.00	0.00
14.75	0.00	0.00	0.00	0.00
15.00	0.00	0.00	0.00	0.00
15.25	0.00	0.00	0.00	0.00
15.50	0.00	0.00	0.00	0.00
15.75	0.00	0.00	0.00	0.00
16.00	0.00	0.00	0.00	0.00
16.25	0.00	0.00	0.00	0.00
16.50	0.00	0.00	0.00	0.00
16.75	0.00	0.00	0.00	0.00
17.00	0.00	0.00	0.00	0.00
17.25	0.00	0.00	0.00	0.00
17.50	0.00	0.00	0.00	0.00
17.75	0.00	0.00	0.00	0.00
18.00	0.00	0.00	0.00	0.00
18.25	0.00	0.00	0.00	0.00
18.50	0.00	0.00	0.00	0.00
18.75	0.00	0.00	0.00	0.00
19.00	0.00	0.00	0.00	0.00
19.25	0.00	0.00	0.00	0.00
19.50	0.00	0.00	0.00	0.00
19.75	0.00	0.00	0.00	0.00
20.00	0.00	0.00	0.00	0.00
20.25	375.00	0.08	3.70	110.89
20.50	525.00	0.10	2.68	138.35
20.75	525.00	0.10	2.72	142.61
21.00	525.00	0.10	2.79	150.73
21.25	450.00	0.10	3.35	146.86
21.50	450.00	0.09	3.26	138.83
21.75	525.00	0.10	2.60	130.25
22.00	525.00	0.09	2.56	124.18
22.25	525.00	0.09	2.46	115.42
22.50	450.00	0.08	2.94	110.23
22.75	450.00	0.08	2.87	104.38
23.00	525.00	0.08	2.27	97.89
23.25	525.00	0.08	2.22	92.28
23.50	525.00	0.08	2.11	84.81
23.75	525.00	0.07	2.08	81.18
24.00	525.00	0.07	2.02	76.28
24.25	450.00	0.07	2.36	70.40
24.50	525.00	0.07	1.86	65.52
24.75	450.00	0.06	2.24	62.24
25.00	525.00	0.06	1.79	58.94
25.25	450.00	0.06	2.15	56.05
25.50	450.00	0.06	2.15	54.44
25.75	450.00	0.05	2.05	50.33
26.00	525.00	0.06	1.63	48.58
26.25	450.00	0.05	1.95	44.44
26.50	450.00	0.05	1.86	41.15
26.75	450.00	0.05	1.75	37.77
27.00	525.00	0.05	1.43	37.91
27.25	600.00	0.05	1.08	34.40
27.50	450.00	0.05	1.64	33.28
27.75	450.00	0.04	1.57	31.23
28.00	450.00	0.04	1.58	30.70
28.25	450.00	0.04	1.60	30.44
28.50	450.00	0.04	1.50	27.85
28.75	525.00	0.04	1.12	25.66
29.00	450.00	0.04	1.36	24.06
29.25	450.00	0.04	1.29	22.91
29.50	450.00	0.04	1.30	22.58
29.75	450.00	0.04	1.23	21.62
30.00	450.00	0.04	1.17	20.48
30.25	450.00	0.04	1.23	21.44
30.50	525.00	0.04	0.95	21.14
30.75	450.00	0.04	1.21	21.13
31.00	375.00	0.04	1.56	21.23
31.25	450.00	0.04	1.22	21.17
31.50	450.00	0.04	1.15	19.70
31.75	525.00	0.04	0.90	19.76
32.00	450.00	0.04	1.11	18.97
32.25	375.00	0.04	1.42	18.80
32.50	450.00	0.04	1.08	18.59

32.75	450.00	0.04	1.09	18.09
33.00	525.00	0.04	0.83	17.18
33.25	525.00	0.04	0.82	16.55
33.50	450.00	0.03	1.03	15.93
33.75	450.00	0.03	1.02	15.31
34.00	525.00	0.04	0.71	13.71
34.25	375.00	0.03	1.26	14.11
34.50	450.00	0.03	0.90	12.89
34.75	450.00	0.03	0.83	11.80
35.00	375.00	0.03	1.10	11.48
35.25	375.00	0.03	1.22	13.13
35.50	375.00	0.03	0.93	9.92
35.75	450.00	0.03	0.59	8.18
36.00	450.00	0.03	0.63	8.58
36.25	450.00	0.03	0.52	6.84
36.50	450.00	0.03	0.58	7.35
36.75	375.00	0.02	0.84	7.64
37.00	450.00	0.03	0.55	6.50
37.25	450.00	0.03	0.51	6.02
37.50	375.00	0.02	0.59	5.07
37.75	450.00	0.03	0.53	6.07
38.00	375.00	0.02	0.74	5.91
38.25	225.00	0.01	1.77	5.81
38.50	375.00	0.02	0.82	6.35
38.75	300.00	0.02	1.03	5.15
39.00	150.00	0.01	3.90	4.73
39.25	300.00	0.01	0.67	3.01
39.50	300.00	0.01	1.19	5.34
39.75	75.00	0.00	9.41	2.73
40.00	225.00	0.01	0.93	2.34
40.25	300.00	0.02	0.41	1.90
40.50	150.00	0.01	0.69	0.80
40.75	0.00	0.00	0.00	3.31
41.00	150.00	0.01	0.91	1.10
41.25	0.00	0.00	0.00	0.00
41.50	0.00	0.00	0.00	0.00
41.75	0.00	0.00	0.00	0.00
42.00	375.00	0.02	0.57	3.94
42.25	0.00	0.00	0.00	0.00
42.50	75.00	0.00	3.82	1.25
42.75	0.00	0.00	0.00	0.00
43.00	0.00	0.00	0.00	0.00
43.25	150.00	0.00	0.00	0.00
43.50	0.00	0.00	0.00	0.00
43.75	0.00	0.00	0.00	0.00
44.00	0.00	0.00	0.00	0.00
44.25	0.00	0.00	0.00	0.00
44.50	0.00	0.00	0.00	0.00
44.75	0.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	0.00
45.25	0.00	0.00	0.00	0.00
45.50	0.00	0.00	0.00	0.00
45.75	0.00	0.00	0.00	0.00
46.00	0.00	0.00	0.00	0.00
46.25	0.00	0.00	0.00	0.00
46.50	0.00	0.00	0.00	0.00
46.75	0.00	0.00	0.00	0.00
47.00	0.00	0.00	0.00	0.00
47.25	0.00	0.00	0.00	0.00
47.50	0.00	0.00	0.00	0.00
47.75	0.00	0.00	0.00	0.00
48.00	0.00	0.00	0.00	0.00
48.25	0.00	0.00	0.00	0.00
48.50	0.00	0.00	0.00	0.00
48.75	0.00	0.00	0.00	0.00
49.00	0.00	0.00	0.00	0.00
49.25	0.00	0.00	0.00	0.00
49.50	0.00	0.00	0.00	0.00
49.75	0.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	0.00
50.25	0.00	0.00	0.00	0.00
50.50	0.00	0.00	0.00	0.00
50.75	0.00	0.00	0.00	0.00
51.00	0.00	0.00	0.00	0.00
51.25	0.00	0.00	0.00	0.00
51.50	0.00	0.00	0.00	0.00
51.75	0.00	0.00	0.00	0.00
52.00	0.00	0.00	0.00	0.00
52.25	0.00	0.00	0.00	0.00
52.50	0.00	0.00	0.00	0.00
52.75	0.00	0.00	0.00	0.00
53.00	0.00	0.00	0.00	0.00
53.25	0.00	0.00	0.00	0.00
53.50	0.00	0.00	0.00	0.00
53.75	0.00	0.00	0.00	0.00
54.00	0.00	0.00	0.00	0.00
54.25	0.00	0.00	0.00	0.00
54.50	0.00	0.00	0.00	0.00
54.75	0.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	0.00
55.25	0.00	0.00	0.00	0.00
55.50	0.00	0.00	0.00	0.00
55.75	0.00	0.00	0.00	0.00
56.00	0.00	0.00	0.00	0.00
56.25	0.00	0.00	0.00	0.00
56.50	0.00	0.00	0.00	0.00
56.75	0.00	0.00	0.00	0.00
57.00	0.00	0.00	0.00	0.00
57.25	0.00	0.00	0.00	0.00
57.50	0.00	0.00	0.00	0.00
57.75	0.00	0.00	0.00	0.00
58.00	0.00	0.00	0.00	0.00
58.25	0.00	0.00	0.00	0.00
58.50	0.00	0.00	0.00	0.00
58.75	0.00	0.00	0.00	0.00
59.00	0.00	0.00	0.00	0.00

59.25	0.00	0.00	0.00	0.00
59.50	0.00	0.00	0.00	0.00
59.75	0.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	0.00
60.25	0.00	0.00	0.00	0.00
60.50	0.00	0.00	0.00	0.00
60.75	0.00	0.00	0.00	0.00
61.00	0.00	0.00	0.00	0.00
61.25	0.00	0.00	0.00	0.00
61.50	0.00	0.00	0.00	0.00
61.75	0.00	0.00	0.00	0.00
62.00	0.00	0.00	0.00	0.00
62.25	0.00	0.00	0.00	0.00
62.50	0.00	0.00	0.00	0.00
62.75	0.00	0.00	0.00	0.00
63.00	0.00	0.00	0.00	0.00
63.25	0.00	0.00	0.00	0.00
63.50	0.00	0.00	0.00	0.00
63.75	0.00	0.00	0.00	0.00
64.00	0.00	0.00	0.00	0.00
64.25	0.00	0.00	0.00	0.00
64.50	0.00	0.00	0.00	0.00
64.75	0.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	0.00
65.25	0.00	0.00	0.00	0.00
65.50	0.00	0.00	0.00	0.00
65.75	0.00	0.00	0.00	0.00
66.00	0.00	0.00	0.00	0.00
66.25	0.00	0.00	0.00	0.00
66.50	0.00	0.00	0.00	0.00
66.75	0.00	0.00	0.00	0.00
67.00	0.00	0.00	0.00	0.00
67.25	0.00	0.00	0.00	0.00
67.50	0.00	0.00	0.00	0.00
67.75	0.00	0.00	0.00	0.00
68.00	0.00	0.00	0.00	0.00
68.25	0.00	0.00	0.00	0.00
68.50	0.00	0.00	0.00	0.00
68.75	0.00	0.00	0.00	0.00
69.00	0.00	0.00	0.00	0.00
69.25	0.00	0.00	0.00	0.00
69.50	0.00	0.00	0.00	0.00
69.75	0.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	0.00
70.25	0.00	0.00	0.00	0.00
70.50	0.00	0.00	0.00	0.00
70.75	0.00	0.00	0.00	0.00
71.00	0.00	0.00	0.00	0.00
71.25	0.00	0.00	0.00	0.00
71.50	0.00	0.00	0.00	0.00
71.75	0.00	0.00	0.00	0.00
72.00	0.00	0.00	0.00	0.00

THE MAXIMUM DISCHARGE FROM CROSS SECTION 4 IS: 0.00 CFS AT TIME: 0.00 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 0.00 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 4

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00

11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00
13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	0.00
13.75	0.00	0.00	0.00	0.00
14.00	0.00	0.00	0.00	0.00
14.25	0.00	0.00	0.00	0.00
14.50	0.00	0.00	0.00	0.00
14.75	0.00	0.00	0.00	0.00
15.00	0.00	0.00	0.00	0.00
15.25	0.00	0.00	0.00	0.00
15.50	0.00	0.00	0.00	0.00
15.75	0.00	0.00	0.00	0.00
16.00	0.00	0.00	0.00	0.00
16.25	0.00	0.00	0.00	0.00
16.50	0.00	0.00	0.00	0.00
16.75	0.00	0.00	0.00	0.00
17.00	0.00	0.00	0.00	0.00
17.25	0.00	0.00	0.00	0.00
17.50	0.00	0.00	0.00	0.00
17.75	0.00	0.00	0.00	0.00
18.00	0.00	0.00	0.00	0.00
18.25	0.00	0.00	0.00	0.00
18.50	0.00	0.00	0.00	0.00
18.75	0.00	0.00	0.00	0.00
19.00	0.00	0.00	0.00	0.00
19.25	0.00	0.00	0.00	0.00
19.50	0.00	0.00	0.00	0.00
19.75	0.00	0.00	0.00	0.00
20.00	0.00	0.00	0.00	0.00
20.25	0.00	0.00	0.00	0.00
20.50	0.00	0.00	0.00	0.00
20.75	0.00	0.00	0.00	0.00
21.00	0.00	0.00	0.00	0.00
21.25	0.00	0.00	0.00	0.00
21.50	0.00	0.00	0.00	0.00
21.75	0.00	0.00	0.00	0.00
22.00	0.00	0.00	0.00	0.00
22.25	0.00	0.00	0.00	0.00
22.50	0.00	0.00	0.00	0.00
22.75	0.00	0.00	0.00	0.00
23.00	0.00	0.00	0.00	0.00
23.25	0.00	0.00	0.00	0.00
23.50	0.00	0.00	0.00	0.00
23.75	0.00	0.00	0.00	0.00
24.00	0.00	0.00	0.00	0.00
24.25	0.00	0.00	0.00	0.00
24.50	0.00	0.00	0.00	0.00
24.75	0.00	0.00	0.00	0.00
25.00	0.00	0.00	0.00	0.00
25.25	0.00	0.00	0.00	0.00
25.50	0.00	0.00	0.00	0.00
25.75	0.00	0.00	0.00	0.00
26.00	0.00	0.00	0.00	0.00
26.25	0.00	0.00	0.00	0.00
26.50	0.00	0.00	0.00	0.00
26.75	0.00	0.00	0.00	0.00
27.00	0.00	0.00	0.00	0.00
27.25	0.00	0.00	0.00	0.00
27.50	0.00	0.00	0.00	0.00
27.75	0.00	0.00	0.00	0.00
28.00	0.00	0.00	0.00	0.00
28.25	0.00	0.00	0.00	0.00
28.50	0.00	0.00	0.00	0.00
28.75	0.00	0.00	0.00	0.00
29.00	0.00	0.00	0.00	0.00
29.25	0.00	0.00	0.00	0.00
29.50	0.00	0.00	0.00	0.00
29.75	0.00	0.00	0.00	0.00
30.00	0.00	0.00	0.00	0.00
30.25	0.00	0.00	0.00	0.00
30.50	0.00	0.00	0.00	0.00
30.75	0.00	0.00	0.00	0.00
31.00	0.00	0.00	0.00	0.00
31.25	0.00	0.00	0.00	0.00
31.50	0.00	0.00	0.00	0.00
31.75	0.00	0.00	0.00	0.00
32.00	0.00	0.00	0.00	0.00
32.25	0.00	0.00	0.00	0.00
32.50	0.00	0.00	0.00	0.00
32.75	0.00	0.00	0.00	0.00
33.00	0.00	0.00	0.00	0.00
33.25	0.00	0.00	0.00	0.00
33.50	0.00	0.00	0.00	0.00
33.75	0.00	0.00	0.00	0.00
34.00	0.00	0.00	0.00	0.00
34.25	0.00	0.00	0.00	0.00
34.50	0.00	0.00	0.00	0.00
34.75	0.00	0.00	0.00	0.00
35.00	0.00	0.00	0.00	0.00
35.25	0.00	0.00	0.00	0.00
35.50	0.00	0.00	0.00	0.00
35.75	0.00	0.00	0.00	0.00
36.00	0.00	0.00	0.00	0.00
36.25	0.00	0.00	0.00	0.00
36.50	0.00	0.00	0.00	0.00
36.75	0.00	0.00	0.00	0.00
37.00	0.00	0.00	0.00	0.00
37.25	0.00	0.00	0.00	0.00

37.50	0.00	0.00	0.00	0.00
37.75	0.00	0.00	0.00	0.00
38.00	0.00	0.00	0.00	0.00
38.25	0.00	0.00	0.00	0.00
38.50	0.00	0.00	0.00	0.00
38.75	0.00	0.00	0.00	0.00
39.00	0.00	0.00	0.00	0.00
39.25	0.00	0.00	0.00	0.00
39.50	0.00	0.00	0.00	0.00
39.75	0.00	0.00	0.00	0.00
40.00	0.00	0.00	0.00	0.00
40.25	0.00	0.00	0.00	0.00
40.50	0.00	0.00	0.00	0.00
40.75	0.00	0.00	0.00	0.00
41.00	0.00	0.00	0.00	0.00
41.25	0.00	0.00	0.00	0.00
41.50	0.00	0.00	0.00	0.00
41.75	0.00	0.00	0.00	0.00
42.00	0.00	0.00	0.00	0.00
42.25	0.00	0.00	0.00	0.00
42.50	0.00	0.00	0.00	0.00
42.75	0.00	0.00	0.00	0.00
43.00	0.00	0.00	0.00	0.00
43.25	0.00	0.00	0.00	0.00
43.50	0.00	0.00	0.00	0.00
43.75	0.00	0.00	0.00	0.00
44.00	0.00	0.00	0.00	0.00
44.25	0.00	0.00	0.00	0.00
44.50	0.00	0.00	0.00	0.00
44.75	0.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	0.00
45.25	0.00	0.00	0.00	0.00
45.50	0.00	0.00	0.00	0.00
45.75	0.00	0.00	0.00	0.00
46.00	0.00	0.00	0.00	0.00
46.25	0.00	0.00	0.00	0.00
46.50	0.00	0.00	0.00	0.00
46.75	0.00	0.00	0.00	0.00
47.00	0.00	0.00	0.00	0.00
47.25	0.00	0.00	0.00	0.00
47.50	0.00	0.00	0.00	0.00
47.75	0.00	0.00	0.00	0.00
48.00	0.00	0.00	0.00	0.00
48.25	0.00	0.00	0.00	0.00
48.50	0.00	0.00	0.00	0.00
48.75	0.00	0.00	0.00	0.00
49.00	0.00	0.00	0.00	0.00
49.25	0.00	0.00	0.00	0.00
49.50	0.00	0.00	0.00	0.00
49.75	0.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	0.00
50.25	0.00	0.00	0.00	0.00
50.50	0.00	0.00	0.00	0.00
50.75	0.00	0.00	0.00	0.00
51.00	0.00	0.00	0.00	0.00
51.25	0.00	0.00	0.00	0.00
51.50	0.00	0.00	0.00	0.00
51.75	0.00	0.00	0.00	0.00
52.00	0.00	0.00	0.00	0.00
52.25	0.00	0.00	0.00	0.00
52.50	0.00	0.00	0.00	0.00
52.75	0.00	0.00	0.00	0.00
53.00	0.00	0.00	0.00	0.00
53.25	0.00	0.00	0.00	0.00
53.50	0.00	0.00	0.00	0.00
53.75	0.00	0.00	0.00	0.00
54.00	0.00	0.00	0.00	0.00
54.25	0.00	0.00	0.00	0.00
54.50	0.00	0.00	0.00	0.00
54.75	0.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	0.00
55.25	0.00	0.00	0.00	0.00
55.50	0.00	0.00	0.00	0.00
55.75	0.00	0.00	0.00	0.00
56.00	0.00	0.00	0.00	0.00
56.25	0.00	0.00	0.00	0.00
56.50	0.00	0.00	0.00	0.00
56.75	0.00	0.00	0.00	0.00
57.00	0.00	0.00	0.00	0.00
57.25	0.00	0.00	0.00	0.00
57.50	0.00	0.00	0.00	0.00
57.75	0.00	0.00	0.00	0.00
58.00	0.00	0.00	0.00	0.00
58.25	0.00	0.00	0.00	0.00
58.50	0.00	0.00	0.00	0.00
58.75	0.00	0.00	0.00	0.00
59.00	0.00	0.00	0.00	0.00
59.25	0.00	0.00	0.00	0.00
59.50	0.00	0.00	0.00	0.00
59.75	0.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	0.00
60.25	0.00	0.00	0.00	0.00
60.50	0.00	0.00	0.00	0.00
60.75	0.00	0.00	0.00	0.00
61.00	0.00	0.00	0.00	0.00
61.25	0.00	0.00	0.00	0.00
61.50	0.00	0.00	0.00	0.00
61.75	0.00	0.00	0.00	0.00
62.00	0.00	0.00	0.00	0.00
62.25	0.00	0.00	0.00	0.00
62.50	0.00	0.00	0.00	0.00
62.75	0.00	0.00	0.00	0.00
63.00	0.00	0.00	0.00	0.00
63.25	0.00	0.00	0.00	0.00
63.50	0.00	0.00	0.00	0.00
63.75	0.00	0.00	0.00	0.00

64.00	0.00	0.00	0.00	0.00
64.25	0.00	0.00	0.00	0.00
64.50	0.00	0.00	0.00	0.00
64.75	0.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	0.00
65.25	0.00	0.00	0.00	0.00
65.50	0.00	0.00	0.00	0.00
65.75	0.00	0.00	0.00	0.00
66.00	0.00	0.00	0.00	0.00
66.25	0.00	0.00	0.00	0.00
66.50	0.00	0.00	0.00	0.00
66.75	0.00	0.00	0.00	0.00
67.00	0.00	0.00	0.00	0.00
67.25	0.00	0.00	0.00	0.00
67.50	0.00	0.00	0.00	0.00
67.75	0.00	0.00	0.00	0.00
68.00	0.00	0.00	0.00	0.00
68.25	0.00	0.00	0.00	0.00
68.50	0.00	0.00	0.00	0.00
68.75	0.00	0.00	0.00	0.00
69.00	0.00	0.00	0.00	0.00
69.25	0.00	0.00	0.00	0.00
69.50	0.00	0.00	0.00	0.00
69.75	0.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	0.00
70.25	0.00	0.00	0.00	0.00
70.50	0.00	0.00	0.00	0.00
70.75	0.00	0.00	0.00	0.00
71.00	0.00	0.00	0.00	0.00
71.25	0.00	0.00	0.00	0.00
71.50	0.00	0.00	0.00	0.00
71.75	0.00	0.00	0.00	0.00
72.00	0.00	0.00	0.00	0.00

THE MAXIMUM DISCHARGE FROM CROSS SECTION 5 IS: 0.00 CFS AT TIME: 0.00 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 0.00 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 5

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00
13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	0.00
13.75	0.00	0.00	0.00	0.00
14.00	0.00	0.00	0.00	0.00
14.25	0.00	0.00	0.00	0.00
14.50	0.00	0.00	0.00	0.00
14.75	0.00	0.00	0.00	0.00
15.00	0.00	0.00	0.00	0.00
15.25	0.00	0.00	0.00	0.00
15.50	0.00	0.00	0.00	0.00

15.75	0.00	0.00	0.00	0.00
16.00	0.00	0.00	0.00	0.00
16.25	0.00	0.00	0.00	0.00
16.50	0.00	0.00	0.00	0.00
16.75	0.00	0.00	0.00	0.00
17.00	0.00	0.00	0.00	0.00
17.25	0.00	0.00	0.00	0.00
17.50	0.00	0.00	0.00	0.00
17.75	0.00	0.00	0.00	0.00
18.00	0.00	0.00	0.00	0.00
18.25	0.00	0.00	0.00	0.00
18.50	0.00	0.00	0.00	0.00
18.75	0.00	0.00	0.00	0.00
19.00	0.00	0.00	0.00	0.00
19.25	0.00	0.00	0.00	0.00
19.50	0.00	0.00	0.00	0.00
19.75	0.00	0.00	0.00	0.00
20.00	0.00	0.00	0.00	0.00
20.25	0.00	0.00	0.00	0.00
20.50	0.00	0.00	0.00	0.00
20.75	0.00	0.00	0.00	0.00
21.00	0.00	0.00	0.00	0.00
21.25	0.00	0.00	0.00	0.00
21.50	0.00	0.00	0.00	0.00
21.75	0.00	0.00	0.00	0.00
22.00	0.00	0.00	0.00	0.00
22.25	0.00	0.00	0.00	0.00
22.50	0.00	0.00	0.00	0.00
22.75	0.00	0.00	0.00	0.00
23.00	0.00	0.00	0.00	0.00
23.25	0.00	0.00	0.00	0.00
23.50	0.00	0.00	0.00	0.00
23.75	0.00	0.00	0.00	0.00
24.00	0.00	0.00	0.00	0.00
24.25	0.00	0.00	0.00	0.00
24.50	0.00	0.00	0.00	0.00
24.75	0.00	0.00	0.00	0.00
25.00	0.00	0.00	0.00	0.00
25.25	0.00	0.00	0.00	0.00
25.50	0.00	0.00	0.00	0.00
25.75	0.00	0.00	0.00	0.00
26.00	0.00	0.00	0.00	0.00
26.25	0.00	0.00	0.00	0.00
26.50	0.00	0.00	0.00	0.00
26.75	0.00	0.00	0.00	0.00
27.00	0.00	0.00	0.00	0.00
27.25	0.00	0.00	0.00	0.00
27.50	0.00	0.00	0.00	0.00
27.75	0.00	0.00	0.00	0.00
28.00	0.00	0.00	0.00	0.00
28.25	0.00	0.00	0.00	0.00
28.50	0.00	0.00	0.00	0.00
28.75	0.00	0.00	0.00	0.00
29.00	0.00	0.00	0.00	0.00
29.25	0.00	0.00	0.00	0.00
29.50	0.00	0.00	0.00	0.00
29.75	0.00	0.00	0.00	0.00
30.00	0.00	0.00	0.00	0.00
30.25	0.00	0.00	0.00	0.00
30.50	0.00	0.00	0.00	0.00
30.75	0.00	0.00	0.00	0.00
31.00	0.00	0.00	0.00	0.00
31.25	0.00	0.00	0.00	0.00
31.50	0.00	0.00	0.00	0.00
31.75	0.00	0.00	0.00	0.00
32.00	0.00	0.00	0.00	0.00
32.25	0.00	0.00	0.00	0.00
32.50	0.00	0.00	0.00	0.00
32.75	0.00	0.00	0.00	0.00
33.00	0.00	0.00	0.00	0.00
33.25	0.00	0.00	0.00	0.00
33.50	0.00	0.00	0.00	0.00
33.75	0.00	0.00	0.00	0.00
34.00	0.00	0.00	0.00	0.00
34.25	0.00	0.00	0.00	0.00
34.50	0.00	0.00	0.00	0.00
34.75	0.00	0.00	0.00	0.00
35.00	0.00	0.00	0.00	0.00
35.25	0.00	0.00	0.00	0.00
35.50	0.00	0.00	0.00	0.00
35.75	0.00	0.00	0.00	0.00
36.00	0.00	0.00	0.00	0.00
36.25	0.00	0.00	0.00	0.00
36.50	0.00	0.00	0.00	0.00
36.75	0.00	0.00	0.00	0.00
37.00	0.00	0.00	0.00	0.00
37.25	0.00	0.00	0.00	0.00
37.50	0.00	0.00	0.00	0.00
37.75	0.00	0.00	0.00	0.00
38.00	0.00	0.00	0.00	0.00
38.25	0.00	0.00	0.00	0.00
38.50	0.00	0.00	0.00	0.00
38.75	0.00	0.00	0.00	0.00
39.00	0.00	0.00	0.00	0.00
39.25	0.00	0.00	0.00	0.00
39.50	0.00	0.00	0.00	0.00
39.75	0.00	0.00	0.00	0.00
40.00	0.00	0.00	0.00	0.00
40.25	0.00	0.00	0.00	0.00
40.50	0.00	0.00	0.00	0.00
40.75	0.00	0.00	0.00	0.00
41.00	0.00	0.00	0.00	0.00
41.25	0.00	0.00	0.00	0.00
41.50	0.00	0.00	0.00	0.00
41.75	0.00	0.00	0.00	0.00
42.00	0.00	0.00	0.00	0.00

42.25	0.00	0.00	0.00	0.00
42.50	0.00	0.00	0.00	0.00
42.75	0.00	0.00	0.00	0.00
43.00	0.00	0.00	0.00	0.00
43.25	0.00	0.00	0.00	0.00
43.50	0.00	0.00	0.00	0.00
43.75	0.00	0.00	0.00	0.00
44.00	0.00	0.00	0.00	0.00
44.25	0.00	0.00	0.00	0.00
44.50	0.00	0.00	0.00	0.00
44.75	0.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	0.00
45.25	0.00	0.00	0.00	0.00
45.50	0.00	0.00	0.00	0.00
45.75	0.00	0.00	0.00	0.00
46.00	0.00	0.00	0.00	0.00
46.25	0.00	0.00	0.00	0.00
46.50	0.00	0.00	0.00	0.00
46.75	0.00	0.00	0.00	0.00
47.00	0.00	0.00	0.00	0.00
47.25	0.00	0.00	0.00	0.00
47.50	0.00	0.00	0.00	0.00
47.75	0.00	0.00	0.00	0.00
48.00	0.00	0.00	0.00	0.00
48.25	0.00	0.00	0.00	0.00
48.50	0.00	0.00	0.00	0.00
48.75	0.00	0.00	0.00	0.00
49.00	0.00	0.00	0.00	0.00
49.25	0.00	0.00	0.00	0.00
49.50	0.00	0.00	0.00	0.00
49.75	0.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	0.00
50.25	0.00	0.00	0.00	0.00
50.50	0.00	0.00	0.00	0.00
50.75	0.00	0.00	0.00	0.00
51.00	0.00	0.00	0.00	0.00
51.25	0.00	0.00	0.00	0.00
51.50	0.00	0.00	0.00	0.00
51.75	0.00	0.00	0.00	0.00
52.00	0.00	0.00	0.00	0.00
52.25	0.00	0.00	0.00	0.00
52.50	0.00	0.00	0.00	0.00
52.75	0.00	0.00	0.00	0.00
53.00	0.00	0.00	0.00	0.00
53.25	0.00	0.00	0.00	0.00
53.50	0.00	0.00	0.00	0.00
53.75	0.00	0.00	0.00	0.00
54.00	0.00	0.00	0.00	0.00
54.25	0.00	0.00	0.00	0.00
54.50	0.00	0.00	0.00	0.00
54.75	0.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	0.00
55.25	0.00	0.00	0.00	0.00
55.50	0.00	0.00	0.00	0.00
55.75	0.00	0.00	0.00	0.00
56.00	0.00	0.00	0.00	0.00
56.25	0.00	0.00	0.00	0.00
56.50	0.00	0.00	0.00	0.00
56.75	0.00	0.00	0.00	0.00
57.00	0.00	0.00	0.00	0.00
57.25	0.00	0.00	0.00	0.00
57.50	0.00	0.00	0.00	0.00
57.75	0.00	0.00	0.00	0.00
58.00	0.00	0.00	0.00	0.00
58.25	0.00	0.00	0.00	0.00
58.50	0.00	0.00	0.00	0.00
58.75	0.00	0.00	0.00	0.00
59.00	0.00	0.00	0.00	0.00
59.25	0.00	0.00	0.00	0.00
59.50	0.00	0.00	0.00	0.00
59.75	0.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	0.00
60.25	0.00	0.00	0.00	0.00
60.50	0.00	0.00	0.00	0.00
60.75	0.00	0.00	0.00	0.00
61.00	0.00	0.00	0.00	0.00
61.25	0.00	0.00	0.00	0.00
61.50	0.00	0.00	0.00	0.00
61.75	0.00	0.00	0.00	0.00
62.00	0.00	0.00	0.00	0.00
62.25	0.00	0.00	0.00	0.00
62.50	0.00	0.00	0.00	0.00
62.75	0.00	0.00	0.00	0.00
63.00	0.00	0.00	0.00	0.00
63.25	0.00	0.00	0.00	0.00
63.50	0.00	0.00	0.00	0.00
63.75	0.00	0.00	0.00	0.00
64.00	0.00	0.00	0.00	0.00
64.25	0.00	0.00	0.00	0.00
64.50	0.00	0.00	0.00	0.00
64.75	0.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	0.00
65.25	0.00	0.00	0.00	0.00
65.50	0.00	0.00	0.00	0.00
65.75	0.00	0.00	0.00	0.00
66.00	0.00	0.00	0.00	0.00
66.25	0.00	0.00	0.00	0.00
66.50	0.00	0.00	0.00	0.00
66.75	0.00	0.00	0.00	0.00
67.00	0.00	0.00	0.00	0.00
67.25	0.00	0.00	0.00	0.00
67.50	0.00	0.00	0.00	0.00
67.75	0.00	0.00	0.00	0.00
68.00	0.00	0.00	0.00	0.00
68.25	0.00	0.00	0.00	0.00
68.50	0.00	0.00	0.00	0.00

68.75	0.00	0.00	0.00	0.00
69.00	0.00	0.00	0.00	0.00
69.25	0.00	0.00	0.00	0.00
69.50	0.00	0.00	0.00	0.00
69.75	0.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	0.00
70.25	0.00	0.00	0.00	0.00
70.50	0.00	0.00	0.00	0.00
70.75	0.00	0.00	0.00	0.00
71.00	0.00	0.00	0.00	0.00
71.25	0.00	0.00	0.00	0.00
71.50	0.00	0.00	0.00	0.00
71.75	0.00	0.00	0.00	0.00
72.00	0.00	0.00	0.00	0.00

THE MAXIMUM DISCHARGE FROM CROSS SECTION 6 IS: 1823.11 CFS AT TIME: 16.60 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 930.86 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 6

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	375.00	0.02	3.68	29.55
12.75	675.00	0.03	2.12	45.74
13.00	1050.00	0.04	1.31	59.02
13.25	1200.00	0.06	1.19	79.35
13.50	1350.00	0.10	1.47	200.21
13.75	2025.00	0.16	1.14	373.49
14.00	2400.00	0.21	1.04	519.91
14.25	2550.00	0.23	1.04	613.31
14.50	2550.00	0.25	1.10	698.87
14.75	2625.00	0.28	1.26	929.14
15.00	2550.00	0.31	1.35	1057.54
15.25	2550.00	0.32	1.42	1171.25
15.50	2550.00	0.34	1.48	1290.18
15.75	2550.00	0.36	1.54	1427.15
16.00	2550.00	0.38	1.63	1598.44
16.25	2625.00	0.38	1.75	1741.08
16.50	2550.00	0.41	1.74	1813.27
16.75	2625.00	0.41	1.70	1813.43
17.00	2550.00	0.40	1.73	1753.51
17.25	2550.00	0.38	1.69	1659.04
17.50	2550.00	0.37	1.64	1548.17
17.75	2550.00	0.35	1.59	1429.39
18.00	2550.00	0.34	1.53	1314.10
18.25	2550.00	0.32	1.48	1210.58
18.50	2550.00	0.31	1.43	1125.38
18.75	2550.00	0.29	1.39	1043.10
19.00	2475.00	0.28	1.38	968.13
19.25	2475.00	0.27	1.33	892.36
19.50	2475.00	0.26	1.29	823.26
19.75	2475.00	0.25	1.25	764.00
20.00	2475.00	0.24	1.21	706.52
20.25	2475.00	0.23	1.18	658.63

20.50	2475.00	0.22	1.14	613.20
20.75	2475.00	0.21	1.11	572.43
21.00	2475.00	0.20	1.08	537.91
21.25	2475.00	0.19	1.05	505.45
21.50	2475.00	0.19	1.02	473.11
21.75	2475.00	0.18	0.99	444.29
22.00	2475.00	0.18	0.98	424.36
22.25	2475.00	0.17	0.95	404.44
22.50	2550.00	0.17	0.92	388.49
22.75	2475.00	0.16	0.92	374.72
23.00	2475.00	0.16	0.90	357.38
23.25	2475.00	0.16	0.88	342.59
23.50	2475.00	0.15	0.88	337.50
23.75	2475.00	0.15	0.88	334.90
24.00	2475.00	0.15	0.87	333.00
24.25	2475.00	0.15	0.87	332.77
24.50	2475.00	0.16	0.87	334.09
24.75	2550.00	0.16	0.86	340.08
25.00	2475.00	0.16	0.88	338.29
25.25	2475.00	0.15	0.88	333.53
25.50	2400.00	0.15	0.89	315.02
25.75	2400.00	0.14	0.87	295.99
26.00	2400.00	0.14	0.84	277.83
26.25	2475.00	0.13	0.79	261.10
26.50	2400.00	0.13	0.80	245.93
26.75	2400.00	0.12	0.78	231.81
27.00	2400.00	0.12	0.76	219.59
27.25	2400.00	0.12	0.75	207.18
27.50	2475.00	0.11	0.70	194.65
27.75	2325.00	0.11	0.75	186.58
28.00	2325.00	0.10	0.71	172.06
28.25	2400.00	0.10	0.67	163.06
28.50	2325.00	0.10	0.68	154.55
28.75	2250.00	0.09	0.69	146.91
29.00	2250.00	0.09	0.66	137.79
29.25	2325.00	0.09	0.62	131.34
29.50	2100.00	0.08	0.71	126.93
29.75	2100.00	0.08	0.69	119.44
30.00	2175.00	0.08	0.63	111.04
30.25	2100.00	0.08	0.65	106.27
30.50	1950.00	0.07	0.72	102.44
30.75	2025.00	0.07	0.64	93.74
31.00	1950.00	0.07	0.67	90.85
31.25	2025.00	0.07	0.61	85.31
31.50	1950.00	0.07	0.62	80.62
31.75	2025.00	0.07	0.58	76.31
32.00	1875.00	0.06	0.62	69.59
32.25	1950.00	0.06	0.55	64.22
32.50	1875.00	0.06	0.57	60.13
32.75	1875.00	0.05	0.58	59.49
33.00	1875.00	0.05	0.51	51.42
33.25	1800.00	0.05	0.57	52.82
33.50	1800.00	0.05	0.53	48.32
33.75	1650.00	0.05	0.56	43.69
34.00	1725.00	0.05	0.52	42.49
34.25	1800.00	0.05	0.46	39.34
34.50	1875.00	0.05	0.43	37.97
34.75	1575.00	0.04	0.50	32.74
35.00	1500.00	0.04	0.53	31.75
35.25	1500.00	0.04	0.52	30.00
35.50	1500.00	0.04	0.48	26.90
35.75	1500.00	0.04	0.50	27.77
36.00	1275.00	0.03	0.61	25.65
36.25	1575.00	0.04	0.40	23.01
36.50	1275.00	0.03	0.49	19.71
36.75	1275.00	0.03	0.56	22.23
37.00	1350.00	0.03	0.49	21.08
37.25	1275.00	0.03	0.49	18.29
37.50	1425.00	0.03	0.40	17.88
37.75	1275.00	0.03	0.48	17.32
38.00	975.00	0.02	0.71	15.61
38.25	825.00	0.02	0.86	13.87
38.50	1125.00	0.02	0.50	13.64
38.75	975.00	0.02	0.56	11.70
39.00	1050.00	0.02	0.47	10.90
39.25	1050.00	0.02	0.34	7.99
39.50	975.00	0.02	0.48	9.44
39.75	900.00	0.02	0.47	7.98
40.00	1050.00	0.02	0.53	11.72
40.25	825.00	0.02	0.63	8.95
40.50	825.00	0.02	0.65	9.07
40.75	900.00	0.02	0.37	6.07
41.00	750.00	0.02	0.56	6.58
41.25	525.00	0.01	1.21	7.55
41.50	975.00	0.02	0.27	4.99
41.75	525.00	0.01	1.25	7.77
42.00	975.00	0.02	0.34	6.31
42.25	1050.00	0.02	0.26	5.55
42.50	900.00	0.02	0.26	4.11
42.75	600.00	0.01	0.54	4.06
43.00	900.00	0.02	0.38	5.83
43.25	525.00	0.01	0.86	4.92
43.50	675.00	0.01	0.22	1.96
43.75	525.00	0.01	0.92	5.09
44.00	450.00	0.01	1.61	6.53
44.25	600.00	0.01	0.49	3.34
44.50	675.00	0.01	0.36	2.98
44.75	450.00	0.01	0.88	3.35
45.00	600.00	0.01	0.67	4.34
45.25	450.00	0.01	0.99	3.62
45.50	525.00	0.01	0.54	2.60
45.75	375.00	0.01	0.55	1.37
46.00	600.00	0.01	0.71	4.35
46.25	300.00	0.01	1.81	2.86
46.50	375.00	0.01	1.24	3.01
46.75	600.00	0.01	-0.07	-0.42

47.00	300.00	0.01	1.26	1.93
47.25	375.00	0.01	0.68	1.59
47.50	450.00	0.01	0.87	2.90
47.75	300.00	0.00	0.63	0.92
48.00	300.00	0.00	0.73	1.07
48.25	375.00	0.01	1.96	4.49
48.50	150.00	0.00	2.68	0.98
48.75	375.00	0.01	0.49	1.13
49.00	225.00	0.00	2.43	2.06
49.25	150.00	0.00	0.91	0.33
49.50	75.00	0.00	9.85	1.35
49.75	150.00	0.00	-0.94	-0.51
50.00	75.00	0.00	0.00	0.00
50.25	150.00	0.00	0.34	0.18
50.50	0.00	0.00	0.00	0.00
50.75	0.00	0.00	0.00	0.00
51.00	0.00	0.00	0.00	0.00
51.25	0.00	0.00	0.00	0.18
51.50	75.00	0.00	1.36	0.19
51.75	0.00	0.00	0.00	0.00
52.00	0.00	0.00	0.00	0.00
52.25	0.00	0.00	0.00	0.00
52.50	0.00	0.00	0.00	0.00
52.75	0.00	0.00	0.00	0.00
53.00	0.00	0.00	0.00	0.00
53.25	0.00	0.00	0.00	0.00
53.50	0.00	0.00	0.00	0.00
53.75	0.00	0.00	0.00	0.00
54.00	0.00	0.00	0.00	0.00
54.25	0.00	0.00	0.00	0.00
54.50	0.00	0.00	0.00	0.00
54.75	0.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	0.00
55.25	0.00	0.00	0.00	0.00
55.50	0.00	0.00	0.00	0.00
55.75	0.00	0.00	0.00	0.00
56.00	0.00	0.00	0.00	0.00
56.25	0.00	0.00	0.00	0.00
56.50	0.00	0.00	0.00	0.00
56.75	0.00	0.00	0.00	0.00
57.00	0.00	0.00	0.00	0.00
57.25	0.00	0.00	0.00	0.00
57.50	0.00	0.00	0.00	0.00
57.75	0.00	0.00	0.00	0.00
58.00	0.00	0.00	0.00	0.00
58.25	0.00	0.00	0.00	0.00
58.50	0.00	0.00	0.00	0.00
58.75	0.00	0.00	0.00	0.00
59.00	0.00	0.00	0.00	0.00
59.25	0.00	0.00	0.00	0.00
59.50	0.00	0.00	0.00	0.00
59.75	0.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	0.00
60.25	0.00	0.00	0.00	0.00
60.50	0.00	0.00	0.00	0.00
60.75	0.00	0.00	0.00	0.00
61.00	0.00	0.00	0.00	0.00
61.25	0.00	0.00	0.00	0.00
61.50	0.00	0.00	0.00	0.00
61.75	0.00	0.00	0.00	0.00
62.00	0.00	0.00	0.00	0.00
62.25	0.00	0.00	0.00	0.00
62.50	0.00	0.00	0.00	0.00
62.75	0.00	0.00	0.00	0.00
63.00	0.00	0.00	0.00	0.00
63.25	0.00	0.00	0.00	0.00
63.50	0.00	0.00	0.00	0.00
63.75	0.00	0.00	0.00	0.00
64.00	0.00	0.00	0.00	0.00
64.25	0.00	0.00	0.00	0.00
64.50	0.00	0.00	0.00	0.00
64.75	0.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	0.00
65.25	0.00	0.00	0.00	0.00
65.50	0.00	0.00	0.00	0.00
65.75	0.00	0.00	0.00	0.00
66.00	0.00	0.00	0.00	0.00
66.25	0.00	0.00	0.00	0.00
66.50	0.00	0.00	0.00	0.00
66.75	0.00	0.00	0.00	0.00
67.00	0.00	0.00	0.00	0.00
67.25	0.00	0.00	0.00	0.00
67.50	0.00	0.00	0.00	0.00
67.75	0.00	0.00	0.00	0.00
68.00	0.00	0.00	0.00	0.00
68.25	0.00	0.00	0.00	0.00
68.50	0.00	0.00	0.00	0.00
68.75	0.00	0.00	0.00	0.00
69.00	0.00	0.00	0.00	0.00
69.25	0.00	0.00	0.00	0.00
69.50	0.00	0.00	0.00	0.00
69.75	0.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	0.00
70.25	0.00	0.00	0.00	0.00
70.50	0.00	0.00	0.00	0.00
70.75	0.00	0.00	0.00	0.00
71.00	0.00	0.00	0.00	0.00
71.25	0.00	0.00	0.00	0.00
71.50	0.00	0.00	0.00	0.00
71.75	0.00	0.00	0.00	0.00
72.00	0.00	0.00	0.00	0.00

THE MAXIMUM DISCHARGE FROM CROSS SECTION 7 IS: 13.41 CFS AT TIME: 15.32 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 2.40 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 7

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00
13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	150.00	0.01	0.22	0.48
13.75	150.00	0.01	0.08	0.15
14.00	150.00	0.01	0.60	1.30
14.25	225.00	0.02	0.10	0.49
14.50	75.00	0.01	1.10	0.69
14.75	375.00	0.05	0.60	10.37
15.00	450.00	0.05	0.27	6.08
15.25	300.00	0.04	0.97	11.49
15.50	450.00	0.05	0.36	8.75
15.75	225.00	0.07	0.51	8.11
16.00	300.00	0.05	0.65	9.04
16.25	225.00	0.06	0.62	8.63
16.50	300.00	0.07	0.36	7.72
16.75	225.00	0.06	0.73	9.37
17.00	225.00	0.06	0.39	5.69
17.25	375.00	0.05	0.38	6.57
17.50	225.00	0.05	0.44	4.86
17.75	150.00	0.04	0.51	2.90
18.00	150.00	0.03	0.64	3.35
18.25	75.00	0.02	1.70	2.38
18.50	225.00	0.04	0.32	2.88
18.75	75.00	0.02	1.70	2.02
19.00	150.00	0.03	0.24	1.02
19.25	300.00	0.05	0.11	1.70
19.50	75.00	0.01	1.29	1.38
19.75	225.00	0.00	0.00	0.00
20.00	0.00	0.00	0.00	0.88
20.25	0.00	0.00	0.00	2.44
20.50	0.00	0.00	0.00	1.74
20.75	0.00	0.00	0.00	0.00
21.00	0.00	0.00	0.00	1.69
21.25	0.00	0.00	0.00	0.00
21.50	0.00	0.00	0.00	0.00
21.75	75.00	0.01	1.41	1.52
22.00	0.00	0.00	0.00	0.00
22.25	0.00	0.00	0.00	0.00
22.50	0.00	0.00	0.00	0.23
22.75	0.00	0.00	0.00	0.00
23.00	0.00	0.00	0.00	0.00
23.25	0.00	0.00	0.00	0.00
23.50	0.00	0.00	0.00	0.00
23.75	0.00	0.00	0.00	0.00
24.00	0.00	0.00	0.00	0.00
24.25	0.00	0.00	0.00	0.00
24.50	0.00	0.00	0.00	0.00
24.75	0.00	0.00	0.00	0.00
25.00	0.00	0.00	0.00	0.00

25.25	0.00	0.00	0.00	0.00
25.50	0.00	0.00	0.00	0.00
25.75	0.00	0.00	0.00	0.00
26.00	0.00	0.00	0.00	0.00
26.25	0.00	0.00	0.00	0.00
26.50	0.00	0.00	0.00	0.00
26.75	0.00	0.00	0.00	0.00
27.00	0.00	0.00	0.00	0.00
27.25	0.00	0.00	0.00	0.00
27.50	0.00	0.00	0.00	0.00
27.75	0.00	0.00	0.00	0.00
28.00	0.00	0.00	0.00	0.00
28.25	0.00	0.00	0.00	0.00
28.50	0.00	0.00	0.00	0.00
28.75	0.00	0.00	0.00	0.00
29.00	0.00	0.00	0.00	0.00
29.25	0.00	0.00	0.00	0.00
29.50	0.00	0.00	0.00	0.00
29.75	0.00	0.00	0.00	0.00
30.00	0.00	0.00	0.00	0.00
30.25	0.00	0.00	0.00	0.00
30.50	0.00	0.00	0.00	0.00
30.75	0.00	0.00	0.00	0.00
31.00	0.00	0.00	0.00	0.00
31.25	0.00	0.00	0.00	0.00
31.50	0.00	0.00	0.00	0.00
31.75	0.00	0.00	0.00	0.00
32.00	0.00	0.00	0.00	0.00
32.25	0.00	0.00	0.00	0.00
32.50	0.00	0.00	0.00	0.00
32.75	0.00	0.00	0.00	0.00
33.00	0.00	0.00	0.00	0.00
33.25	0.00	0.00	0.00	0.00
33.50	0.00	0.00	0.00	0.00
33.75	0.00	0.00	0.00	0.00
34.00	0.00	0.00	0.00	0.00
34.25	0.00	0.00	0.00	0.00
34.50	0.00	0.00	0.00	0.00
34.75	0.00	0.00	0.00	0.00
35.00	0.00	0.00	0.00	0.00
35.25	0.00	0.00	0.00	0.00
35.50	0.00	0.00	0.00	0.00
35.75	0.00	0.00	0.00	0.00
36.00	0.00	0.00	0.00	0.00
36.25	0.00	0.00	0.00	0.00
36.50	0.00	0.00	0.00	0.00
36.75	0.00	0.00	0.00	0.00
37.00	0.00	0.00	0.00	0.00
37.25	0.00	0.00	0.00	0.00
37.50	0.00	0.00	0.00	0.00
37.75	0.00	0.00	0.00	0.00
38.00	0.00	0.00	0.00	0.00
38.25	0.00	0.00	0.00	0.00
38.50	0.00	0.00	0.00	0.00
38.75	0.00	0.00	0.00	0.00
39.00	0.00	0.00	0.00	0.00
39.25	0.00	0.00	0.00	0.00
39.50	0.00	0.00	0.00	0.00
39.75	0.00	0.00	0.00	0.00
40.00	0.00	0.00	0.00	0.00
40.25	0.00	0.00	0.00	0.00
40.50	0.00	0.00	0.00	0.00
40.75	0.00	0.00	0.00	0.00
41.00	0.00	0.00	0.00	0.00
41.25	0.00	0.00	0.00	0.00
41.50	0.00	0.00	0.00	0.00
41.75	0.00	0.00	0.00	0.00
42.00	0.00	0.00	0.00	0.00
42.25	0.00	0.00	0.00	0.00
42.50	0.00	0.00	0.00	0.00
42.75	0.00	0.00	0.00	0.00
43.00	0.00	0.00	0.00	0.00
43.25	0.00	0.00	0.00	0.00
43.50	0.00	0.00	0.00	0.00
43.75	0.00	0.00	0.00	0.00
44.00	0.00	0.00	0.00	0.00
44.25	0.00	0.00	0.00	0.00
44.50	0.00	0.00	0.00	0.00
44.75	0.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	0.00
45.25	0.00	0.00	0.00	0.00
45.50	0.00	0.00	0.00	0.00
45.75	0.00	0.00	0.00	0.00
46.00	0.00	0.00	0.00	0.00
46.25	0.00	0.00	0.00	0.00
46.50	0.00	0.00	0.00	0.00
46.75	0.00	0.00	0.00	0.00
47.00	0.00	0.00	0.00	0.00
47.25	0.00	0.00	0.00	0.00
47.50	0.00	0.00	0.00	0.00
47.75	0.00	0.00	0.00	0.00
48.00	0.00	0.00	0.00	0.00
48.25	0.00	0.00	0.00	0.00
48.50	0.00	0.00	0.00	0.00
48.75	0.00	0.00	0.00	0.00
49.00	0.00	0.00	0.00	0.00
49.25	0.00	0.00	0.00	0.00
49.50	0.00	0.00	0.00	0.00
49.75	0.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	0.00
50.25	0.00	0.00	0.00	0.00
50.50	0.00	0.00	0.00	0.00
50.75	0.00	0.00	0.00	0.00
51.00	0.00	0.00	0.00	0.00
51.25	0.00	0.00	0.00	0.00
51.50	0.00	0.00	0.00	0.00

51.75	0.00	0.00	0.00	0.00
52.00	0.00	0.00	0.00	0.00
52.25	0.00	0.00	0.00	0.00
52.50	0.00	0.00	0.00	0.00
52.75	0.00	0.00	0.00	0.00
53.00	0.00	0.00	0.00	0.00
53.25	0.00	0.00	0.00	0.00
53.50	0.00	0.00	0.00	0.00
53.75	0.00	0.00	0.00	0.00
54.00	0.00	0.00	0.00	0.00
54.25	0.00	0.00	0.00	0.00
54.50	0.00	0.00	0.00	0.00
54.75	0.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	0.00
55.25	0.00	0.00	0.00	0.00
55.50	0.00	0.00	0.00	0.00
55.75	0.00	0.00	0.00	0.00
56.00	0.00	0.00	0.00	0.00
56.25	0.00	0.00	0.00	0.00
56.50	0.00	0.00	0.00	0.00
56.75	0.00	0.00	0.00	0.00
57.00	0.00	0.00	0.00	0.00
57.25	0.00	0.00	0.00	0.00
57.50	0.00	0.00	0.00	0.00
57.75	0.00	0.00	0.00	0.00
58.00	0.00	0.00	0.00	0.00
58.25	0.00	0.00	0.00	0.00
58.50	0.00	0.00	0.00	0.00
58.75	0.00	0.00	0.00	0.00
59.00	0.00	0.00	0.00	0.00
59.25	0.00	0.00	0.00	0.00
59.50	0.00	0.00	0.00	0.00
59.75	0.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	0.00
60.25	0.00	0.00	0.00	0.00
60.50	0.00	0.00	0.00	0.00
60.75	0.00	0.00	0.00	0.00
61.00	0.00	0.00	0.00	0.00
61.25	0.00	0.00	0.00	0.00
61.50	0.00	0.00	0.00	0.00
61.75	0.00	0.00	0.00	0.00
62.00	0.00	0.00	0.00	0.00
62.25	0.00	0.00	0.00	0.00
62.50	0.00	0.00	0.00	0.00
62.75	0.00	0.00	0.00	0.00
63.00	0.00	0.00	0.00	0.00
63.25	0.00	0.00	0.00	0.00
63.50	0.00	0.00	0.00	0.00
63.75	0.00	0.00	0.00	0.00
64.00	0.00	0.00	0.00	0.00
64.25	0.00	0.00	0.00	0.00
64.50	0.00	0.00	0.00	0.00
64.75	0.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	0.00
65.25	0.00	0.00	0.00	0.00
65.50	0.00	0.00	0.00	0.00
65.75	0.00	0.00	0.00	0.00
66.00	0.00	0.00	0.00	0.00
66.25	0.00	0.00	0.00	0.00
66.50	0.00	0.00	0.00	0.00
66.75	0.00	0.00	0.00	0.00
67.00	0.00	0.00	0.00	0.00
67.25	0.00	0.00	0.00	0.00
67.50	0.00	0.00	0.00	0.00
67.75	0.00	0.00	0.00	0.00
68.00	0.00	0.00	0.00	0.00
68.25	0.00	0.00	0.00	0.00
68.50	0.00	0.00	0.00	0.00
68.75	0.00	0.00	0.00	0.00
69.00	0.00	0.00	0.00	0.00
69.25	0.00	0.00	0.00	0.00
69.50	0.00	0.00	0.00	0.00
69.75	0.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	0.00
70.25	0.00	0.00	0.00	0.00
70.50	0.00	0.00	0.00	0.00
70.75	0.00	0.00	0.00	0.00
71.00	0.00	0.00	0.00	0.00
71.25	0.00	0.00	0.00	0.00
71.50	0.00	0.00	0.00	0.00
71.75	0.00	0.00	0.00	0.00
72.00	0.00	0.00	0.00	0.00

THE MAXIMUM DISCHARGE FROM CROSS SECTION 8 IS: 235.14 CFS AT TIME: 17.92 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 93.44 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 8

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00

3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00
13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	0.00
13.75	0.00	0.00	0.00	0.00
14.00	0.00	0.00	0.00	0.00
14.25	0.00	0.00	0.00	0.00
14.50	0.00	0.00	0.00	0.00
14.75	0.00	0.00	0.00	0.00
15.00	0.00	0.00	0.00	0.00
15.25	0.00	0.00	0.00	0.00
15.50	0.00	0.00	0.00	0.00
15.75	0.00	0.00	0.00	0.00
16.00	0.00	0.00	0.00	0.00
16.25	0.00	0.00	0.00	0.00
16.50	0.00	0.00	0.00	0.00
16.75	0.00	0.00	0.00	0.00
17.00	0.00	0.00	0.00	0.00
17.25	150.00	0.02	0.83	2.74
17.50	750.00	0.15	1.87	203.65
17.75	825.00	0.15	1.82	229.53
18.00	900.00	0.16	1.62	231.86
18.25	825.00	0.15	1.78	223.73
18.50	825.00	0.15	1.73	213.02
18.75	825.00	0.15	1.69	202.15
19.00	825.00	0.14	1.67	195.78
19.25	825.00	0.14	1.60	179.99
19.50	825.00	0.13	1.55	170.88
19.75	825.00	0.13	1.52	161.40
20.00	825.00	0.13	1.44	149.33
20.25	825.00	0.12	1.40	139.74
20.50	900.00	0.12	1.21	131.88
20.75	900.00	0.12	1.16	122.47
21.00	825.00	0.11	1.25	113.33
21.25	825.00	0.11	1.20	106.08
21.50	825.00	0.10	1.18	101.60
21.75	900.00	0.11	0.96	90.73
22.00	900.00	0.10	0.90	83.29
22.25	825.00	0.10	1.00	79.47
22.50	825.00	0.09	0.99	76.76
22.75	750.00	0.09	1.08	70.95
23.00	825.00	0.09	0.87	63.58
23.25	825.00	0.09	0.84	59.67
23.50	825.00	0.08	0.82	56.43
23.75	750.00	0.08	0.92	54.12
24.00	825.00	0.08	0.78	52.02
24.25	825.00	0.08	0.73	47.89
24.50	825.00	0.08	0.70	44.70
24.75	825.00	0.08	0.63	39.94
25.00	750.00	0.07	0.71	38.15
25.25	750.00	0.07	0.71	36.45
25.50	825.00	0.07	0.57	33.12
25.75	750.00	0.07	0.65	31.90
26.00	825.00	0.07	0.53	29.54
26.25	825.00	0.07	0.55	30.08
26.50	825.00	0.06	0.52	27.43
26.75	750.00	0.06	0.63	28.58
27.00	825.00	0.06	0.51	26.61
27.25	825.00	0.06	0.50	25.70
27.50	750.00	0.06	0.63	27.79
27.75	825.00	0.07	0.54	29.68
28.00	750.00	0.06	0.65	31.61
28.25	825.00	0.07	0.56	30.93
28.50	825.00	0.07	0.52	28.42
28.75	825.00	0.06	0.52	27.50
29.00	675.00	0.05	0.74	27.10
29.25	750.00	0.06	0.59	25.43
29.50	750.00	0.06	0.57	23.94
29.75	825.00	0.06	0.43	21.08

30.00	600.00	0.04	0.72	18.93
30.25	750.00	0.05	0.49	18.81
30.50	750.00	0.05	0.46	16.98
30.75	750.00	0.05	0.38	14.05
31.00	600.00	0.04	0.62	14.98
31.25	600.00	0.04	0.58	13.74
31.50	450.00	0.03	0.88	11.80
31.75	525.00	0.03	0.60	10.35
32.00	750.00	0.04	0.32	10.77
32.25	450.00	0.03	0.74	9.18
32.50	600.00	0.04	0.34	7.18
32.75	450.00	0.03	0.67	8.06
33.00	300.00	0.02	1.89	10.15
33.25	300.00	0.02	0.85	4.42
33.50	225.00	0.02	0.83	3.14
33.75	300.00	0.02	1.19	5.96
34.00	450.00	0.03	0.51	5.80
34.25	75.00	0.00	3.26	1.02
34.50	75.00	0.00	0.00	0.00
34.75	225.00	0.01	0.43	1.22
35.00	0.00	0.00	0.00	0.00
35.25	0.00	0.00	0.00	0.00
35.50	150.00	0.00	0.00	0.00
35.75	0.00	0.00	0.00	0.00
36.00	0.00	0.00	0.00	0.00
36.25	0.00	0.00	0.00	0.00
36.50	0.00	0.00	0.00	0.00
36.75	0.00	0.00	0.00	0.00
37.00	0.00	0.00	0.00	0.00
37.25	0.00	0.00	0.00	0.00
37.50	300.00	0.02	0.85	4.24
37.75	0.00	0.00	0.00	0.00
38.00	0.00	0.00	0.00	0.00
38.25	0.00	0.00	0.00	0.00
38.50	0.00	0.00	0.00	0.00
38.75	0.00	0.00	0.00	0.00
39.00	0.00	0.00	0.00	0.00
39.25	0.00	0.00	0.00	0.00
39.50	0.00	0.00	0.00	0.00
39.75	0.00	0.00	0.00	0.00
40.00	0.00	0.00	0.00	0.00
40.25	0.00	0.00	0.00	0.00
40.50	0.00	0.00	0.00	0.00
40.75	0.00	0.00	0.00	0.00
41.00	0.00	0.00	0.00	0.00
41.25	0.00	0.00	0.00	0.00
41.50	0.00	0.00	0.00	0.00
41.75	0.00	0.00	0.00	0.00
42.00	0.00	0.00	0.00	0.00
42.25	0.00	0.00	0.00	0.00
42.50	0.00	0.00	0.00	0.00
42.75	0.00	0.00	0.00	0.00
43.00	0.00	0.00	0.00	0.00
43.25	0.00	0.00	0.00	0.00
43.50	0.00	0.00	0.00	0.00
43.75	0.00	0.00	0.00	0.00
44.00	0.00	0.00	0.00	0.00
44.25	0.00	0.00	0.00	0.00
44.50	0.00	0.00	0.00	0.00
44.75	0.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	0.00
45.25	0.00	0.00	0.00	0.00
45.50	0.00	0.00	0.00	0.00
45.75	0.00	0.00	0.00	0.00
46.00	0.00	0.00	0.00	0.00
46.25	0.00	0.00	0.00	0.00
46.50	0.00	0.00	0.00	0.00
46.75	0.00	0.00	0.00	0.00
47.00	0.00	0.00	0.00	0.00
47.25	0.00	0.00	0.00	0.00
47.50	0.00	0.00	0.00	0.00
47.75	0.00	0.00	0.00	0.00
48.00	0.00	0.00	0.00	0.00
48.25	0.00	0.00	0.00	0.00
48.50	0.00	0.00	0.00	0.00
48.75	0.00	0.00	0.00	0.00
49.00	0.00	0.00	0.00	0.00
49.25	0.00	0.00	0.00	0.00
49.50	0.00	0.00	0.00	0.00
49.75	0.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	0.00
50.25	0.00	0.00	0.00	0.00
50.50	0.00	0.00	0.00	0.00
50.75	0.00	0.00	0.00	0.00
51.00	0.00	0.00	0.00	0.00
51.25	0.00	0.00	0.00	0.00
51.50	0.00	0.00	0.00	0.00
51.75	0.00	0.00	0.00	0.00
52.00	0.00	0.00	0.00	0.00
52.25	0.00	0.00	0.00	0.00
52.50	0.00	0.00	0.00	0.00
52.75	0.00	0.00	0.00	0.00
53.00	0.00	0.00	0.00	0.00
53.25	0.00	0.00	0.00	0.00
53.50	0.00	0.00	0.00	0.00
53.75	0.00	0.00	0.00	0.00
54.00	0.00	0.00	0.00	0.00
54.25	0.00	0.00	0.00	0.00
54.50	0.00	0.00	0.00	0.00
54.75	0.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	0.00
55.25	0.00	0.00	0.00	0.00
55.50	0.00	0.00	0.00	0.00
55.75	0.00	0.00	0.00	0.00
56.00	0.00	0.00	0.00	0.00
56.25	0.00	0.00	0.00	0.00

56.50	0.00	0.00	0.00	0.00
56.75	0.00	0.00	0.00	0.00
57.00	0.00	0.00	0.00	0.00
57.25	0.00	0.00	0.00	0.00
57.50	0.00	0.00	0.00	0.00
57.75	0.00	0.00	0.00	0.00
58.00	0.00	0.00	0.00	0.00
58.25	0.00	0.00	0.00	0.00
58.50	0.00	0.00	0.00	0.00
58.75	0.00	0.00	0.00	0.00
59.00	0.00	0.00	0.00	0.00
59.25	0.00	0.00	0.00	0.00
59.50	0.00	0.00	0.00	0.00
59.75	0.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	0.00
60.25	0.00	0.00	0.00	0.00
60.50	0.00	0.00	0.00	0.00
60.75	0.00	0.00	0.00	0.00
61.00	0.00	0.00	0.00	0.00
61.25	0.00	0.00	0.00	0.00
61.50	0.00	0.00	0.00	0.00
61.75	0.00	0.00	0.00	0.00
62.00	0.00	0.00	0.00	0.00
62.25	0.00	0.00	0.00	0.00
62.50	0.00	0.00	0.00	0.00
62.75	0.00	0.00	0.00	0.00
63.00	0.00	0.00	0.00	0.00
63.25	0.00	0.00	0.00	0.00
63.50	0.00	0.00	0.00	0.00
63.75	0.00	0.00	0.00	0.00
64.00	0.00	0.00	0.00	0.00
64.25	0.00	0.00	0.00	0.00
64.50	0.00	0.00	0.00	0.00
64.75	0.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	0.00
65.25	0.00	0.00	0.00	0.00
65.50	0.00	0.00	0.00	0.00
65.75	0.00	0.00	0.00	0.00
66.00	0.00	0.00	0.00	0.00
66.25	0.00	0.00	0.00	0.00
66.50	0.00	0.00	0.00	0.00
66.75	0.00	0.00	0.00	0.00
67.00	0.00	0.00	0.00	0.00
67.25	0.00	0.00	0.00	0.00
67.50	0.00	0.00	0.00	0.00
67.75	0.00	0.00	0.00	0.00
68.00	0.00	0.00	0.00	0.00
68.25	0.00	0.00	0.00	0.00
68.50	0.00	0.00	0.00	0.00
68.75	0.00	0.00	0.00	0.00
69.00	0.00	0.00	0.00	0.00
69.25	0.00	0.00	0.00	0.00
69.50	0.00	0.00	0.00	0.00
69.75	0.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	0.00
70.25	0.00	0.00	0.00	0.00
70.50	0.00	0.00	0.00	0.00
70.75	0.00	0.00	0.00	0.00
71.00	0.00	0.00	0.00	0.00
71.25	0.00	0.00	0.00	0.00
71.50	0.00	0.00	0.00	0.00
71.75	0.00	0.00	0.00	0.00
72.00	0.00	0.00	0.00	0.00

THE MAXIMUM DISCHARGE FROM CROSS SECTION 9 IS: 0.00 CFS AT TIME: 0.00 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 0.00 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 9

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00

8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00
13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	0.00
13.75	0.00	0.00	0.00	0.00
14.00	0.00	0.00	0.00	0.00
14.25	0.00	0.00	0.00	0.00
14.50	0.00	0.00	0.00	0.00
14.75	0.00	0.00	0.00	0.00
15.00	0.00	0.00	0.00	0.00
15.25	0.00	0.00	0.00	0.00
15.50	0.00	0.00	0.00	0.00
15.75	0.00	0.00	0.00	0.00
16.00	0.00	0.00	0.00	0.00
16.25	0.00	0.00	0.00	0.00
16.50	0.00	0.00	0.00	0.00
16.75	0.00	0.00	0.00	0.00
17.00	0.00	0.00	0.00	0.00
17.25	0.00	0.00	0.00	0.00
17.50	0.00	0.00	0.00	0.00
17.75	0.00	0.00	0.00	0.00
18.00	0.00	0.00	0.00	0.00
18.25	0.00	0.00	0.00	0.00
18.50	0.00	0.00	0.00	0.00
18.75	0.00	0.00	0.00	0.00
19.00	0.00	0.00	0.00	0.00
19.25	0.00	0.00	0.00	0.00
19.50	0.00	0.00	0.00	0.00
19.75	0.00	0.00	0.00	0.00
20.00	0.00	0.00	0.00	0.00
20.25	0.00	0.00	0.00	0.00
20.50	0.00	0.00	0.00	0.00
20.75	0.00	0.00	0.00	0.00
21.00	0.00	0.00	0.00	0.00
21.25	0.00	0.00	0.00	0.00
21.50	0.00	0.00	0.00	0.00
21.75	0.00	0.00	0.00	0.00
22.00	0.00	0.00	0.00	0.00
22.25	0.00	0.00	0.00	0.00
22.50	0.00	0.00	0.00	0.00
22.75	0.00	0.00	0.00	0.00
23.00	0.00	0.00	0.00	0.00
23.25	0.00	0.00	0.00	0.00
23.50	0.00	0.00	0.00	0.00
23.75	0.00	0.00	0.00	0.00
24.00	0.00	0.00	0.00	0.00
24.25	0.00	0.00	0.00	0.00
24.50	0.00	0.00	0.00	0.00
24.75	0.00	0.00	0.00	0.00
25.00	0.00	0.00	0.00	0.00
25.25	0.00	0.00	0.00	0.00
25.50	0.00	0.00	0.00	0.00
25.75	0.00	0.00	0.00	0.00
26.00	0.00	0.00	0.00	0.00
26.25	0.00	0.00	0.00	0.00
26.50	0.00	0.00	0.00	0.00
26.75	0.00	0.00	0.00	0.00
27.00	0.00	0.00	0.00	0.00
27.25	0.00	0.00	0.00	0.00
27.50	0.00	0.00	0.00	0.00
27.75	0.00	0.00	0.00	0.00
28.00	0.00	0.00	0.00	0.00
28.25	0.00	0.00	0.00	0.00
28.50	0.00	0.00	0.00	0.00
28.75	0.00	0.00	0.00	0.00
29.00	0.00	0.00	0.00	0.00
29.25	0.00	0.00	0.00	0.00
29.50	0.00	0.00	0.00	0.00
29.75	0.00	0.00	0.00	0.00
30.00	0.00	0.00	0.00	0.00
30.25	0.00	0.00	0.00	0.00
30.50	0.00	0.00	0.00	0.00
30.75	0.00	0.00	0.00	0.00
31.00	0.00	0.00	0.00	0.00
31.25	0.00	0.00	0.00	0.00
31.50	0.00	0.00	0.00	0.00
31.75	0.00	0.00	0.00	0.00
32.00	0.00	0.00	0.00	0.00
32.25	0.00	0.00	0.00	0.00
32.50	0.00	0.00	0.00	0.00
32.75	0.00	0.00	0.00	0.00
33.00	0.00	0.00	0.00	0.00
33.25	0.00	0.00	0.00	0.00
33.50	0.00	0.00	0.00	0.00
33.75	0.00	0.00	0.00	0.00
34.00	0.00	0.00	0.00	0.00
34.25	0.00	0.00	0.00	0.00
34.50	0.00	0.00	0.00	0.00

34.75	0.00	0.00	0.00	0.00
35.00	0.00	0.00	0.00	0.00
35.25	0.00	0.00	0.00	0.00
35.50	0.00	0.00	0.00	0.00
35.75	0.00	0.00	0.00	0.00
36.00	0.00	0.00	0.00	0.00
36.25	0.00	0.00	0.00	0.00
36.50	0.00	0.00	0.00	0.00
36.75	0.00	0.00	0.00	0.00
37.00	0.00	0.00	0.00	0.00
37.25	0.00	0.00	0.00	0.00
37.50	0.00	0.00	0.00	0.00
37.75	0.00	0.00	0.00	0.00
38.00	0.00	0.00	0.00	0.00
38.25	0.00	0.00	0.00	0.00
38.50	0.00	0.00	0.00	0.00
38.75	0.00	0.00	0.00	0.00
39.00	0.00	0.00	0.00	0.00
39.25	0.00	0.00	0.00	0.00
39.50	0.00	0.00	0.00	0.00
39.75	0.00	0.00	0.00	0.00
40.00	0.00	0.00	0.00	0.00
40.25	0.00	0.00	0.00	0.00
40.50	0.00	0.00	0.00	0.00
40.75	0.00	0.00	0.00	0.00
41.00	0.00	0.00	0.00	0.00
41.25	0.00	0.00	0.00	0.00
41.50	0.00	0.00	0.00	0.00
41.75	0.00	0.00	0.00	0.00
42.00	0.00	0.00	0.00	0.00
42.25	0.00	0.00	0.00	0.00
42.50	0.00	0.00	0.00	0.00
42.75	0.00	0.00	0.00	0.00
43.00	0.00	0.00	0.00	0.00
43.25	0.00	0.00	0.00	0.00
43.50	0.00	0.00	0.00	0.00
43.75	0.00	0.00	0.00	0.00
44.00	0.00	0.00	0.00	0.00
44.25	0.00	0.00	0.00	0.00
44.50	0.00	0.00	0.00	0.00
44.75	0.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	0.00
45.25	0.00	0.00	0.00	0.00
45.50	0.00	0.00	0.00	0.00
45.75	0.00	0.00	0.00	0.00
46.00	0.00	0.00	0.00	0.00
46.25	0.00	0.00	0.00	0.00
46.50	0.00	0.00	0.00	0.00
46.75	0.00	0.00	0.00	0.00
47.00	0.00	0.00	0.00	0.00
47.25	0.00	0.00	0.00	0.00
47.50	0.00	0.00	0.00	0.00
47.75	0.00	0.00	0.00	0.00
48.00	0.00	0.00	0.00	0.00
48.25	0.00	0.00	0.00	0.00
48.50	0.00	0.00	0.00	0.00
48.75	0.00	0.00	0.00	0.00
49.00	0.00	0.00	0.00	0.00
49.25	0.00	0.00	0.00	0.00
49.50	0.00	0.00	0.00	0.00
49.75	0.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	0.00
50.25	0.00	0.00	0.00	0.00
50.50	0.00	0.00	0.00	0.00
50.75	0.00	0.00	0.00	0.00
51.00	0.00	0.00	0.00	0.00
51.25	0.00	0.00	0.00	0.00
51.50	0.00	0.00	0.00	0.00
51.75	0.00	0.00	0.00	0.00
52.00	0.00	0.00	0.00	0.00
52.25	0.00	0.00	0.00	0.00
52.50	0.00	0.00	0.00	0.00
52.75	0.00	0.00	0.00	0.00
53.00	0.00	0.00	0.00	0.00
53.25	0.00	0.00	0.00	0.00
53.50	0.00	0.00	0.00	0.00
53.75	0.00	0.00	0.00	0.00
54.00	0.00	0.00	0.00	0.00
54.25	0.00	0.00	0.00	0.00
54.50	0.00	0.00	0.00	0.00
54.75	0.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	0.00
55.25	0.00	0.00	0.00	0.00
55.50	0.00	0.00	0.00	0.00
55.75	0.00	0.00	0.00	0.00
56.00	0.00	0.00	0.00	0.00
56.25	0.00	0.00	0.00	0.00
56.50	0.00	0.00	0.00	0.00
56.75	0.00	0.00	0.00	0.00
57.00	0.00	0.00	0.00	0.00
57.25	0.00	0.00	0.00	0.00
57.50	0.00	0.00	0.00	0.00
57.75	0.00	0.00	0.00	0.00
58.00	0.00	0.00	0.00	0.00
58.25	0.00	0.00	0.00	0.00
58.50	0.00	0.00	0.00	0.00
58.75	0.00	0.00	0.00	0.00
59.00	0.00	0.00	0.00	0.00
59.25	0.00	0.00	0.00	0.00
59.50	0.00	0.00	0.00	0.00
59.75	0.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	0.00
60.25	0.00	0.00	0.00	0.00
60.50	0.00	0.00	0.00	0.00
60.75	0.00	0.00	0.00	0.00
61.00	0.00	0.00	0.00	0.00

61.25	0.00	0.00	0.00	0.00
61.50	0.00	0.00	0.00	0.00
61.75	0.00	0.00	0.00	0.00
62.00	0.00	0.00	0.00	0.00
62.25	0.00	0.00	0.00	0.00
62.50	0.00	0.00	0.00	0.00
62.75	0.00	0.00	0.00	0.00
63.00	0.00	0.00	0.00	0.00
63.25	0.00	0.00	0.00	0.00
63.50	0.00	0.00	0.00	0.00
63.75	0.00	0.00	0.00	0.00
64.00	0.00	0.00	0.00	0.00
64.25	0.00	0.00	0.00	0.00
64.50	0.00	0.00	0.00	0.00
64.75	0.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	0.00
65.25	0.00	0.00	0.00	0.00
65.50	0.00	0.00	0.00	0.00
65.75	0.00	0.00	0.00	0.00
66.00	0.00	0.00	0.00	0.00
66.25	0.00	0.00	0.00	0.00
66.50	0.00	0.00	0.00	0.00
66.75	0.00	0.00	0.00	0.00
67.00	0.00	0.00	0.00	0.00
67.25	0.00	0.00	0.00	0.00
67.50	0.00	0.00	0.00	0.00
67.75	0.00	0.00	0.00	0.00
68.00	0.00	0.00	0.00	0.00
68.25	0.00	0.00	0.00	0.00
68.50	0.00	0.00	0.00	0.00
68.75	0.00	0.00	0.00	0.00
69.00	0.00	0.00	0.00	0.00
69.25	0.00	0.00	0.00	0.00
69.50	0.00	0.00	0.00	0.00
69.75	0.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	0.00
70.25	0.00	0.00	0.00	0.00
70.50	0.00	0.00	0.00	0.00
70.75	0.00	0.00	0.00	0.00
71.00	0.00	0.00	0.00	0.00
71.25	0.00	0.00	0.00	0.00
71.50	0.00	0.00	0.00	0.00
71.75	0.00	0.00	0.00	0.00
72.00	0.00	0.00	0.00	0.00

THE MAXIMUM DISCHARGE FROM CROSS SECTION 10 IS: 0.00 CFS AT TIME: 0.00 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 0.00 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 10

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00

13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	0.00
13.75	0.00	0.00	0.00	0.00
14.00	0.00	0.00	0.00	0.00
14.25	0.00	0.00	0.00	0.00
14.50	0.00	0.00	0.00	0.00
14.75	0.00	0.00	0.00	0.00
15.00	0.00	0.00	0.00	0.00
15.25	0.00	0.00	0.00	0.00
15.50	0.00	0.00	0.00	0.00
15.75	0.00	0.00	0.00	0.00
16.00	0.00	0.00	0.00	0.00
16.25	0.00	0.00	0.00	0.00
16.50	0.00	0.00	0.00	0.00
16.75	0.00	0.00	0.00	0.00
17.00	0.00	0.00	0.00	0.00
17.25	0.00	0.00	0.00	0.00
17.50	0.00	0.00	0.00	0.00
17.75	0.00	0.00	0.00	0.00
18.00	0.00	0.00	0.00	0.00
18.25	0.00	0.00	0.00	0.00
18.50	0.00	0.00	0.00	0.00
18.75	0.00	0.00	0.00	0.00
19.00	0.00	0.00	0.00	0.00
19.25	0.00	0.00	0.00	0.00
19.50	0.00	0.00	0.00	0.00
19.75	0.00	0.00	0.00	0.00
20.00	0.00	0.00	0.00	0.00
20.25	0.00	0.00	0.00	0.00
20.50	0.00	0.00	0.00	0.00
20.75	0.00	0.00	0.00	0.00
21.00	0.00	0.00	0.00	0.00
21.25	0.00	0.00	0.00	0.00
21.50	0.00	0.00	0.00	0.00
21.75	0.00	0.00	0.00	0.00
22.00	0.00	0.00	0.00	0.00
22.25	0.00	0.00	0.00	0.00
22.50	0.00	0.00	0.00	0.00
22.75	0.00	0.00	0.00	0.00
23.00	0.00	0.00	0.00	0.00
23.25	0.00	0.00	0.00	0.00
23.50	0.00	0.00	0.00	0.00
23.75	0.00	0.00	0.00	0.00
24.00	0.00	0.00	0.00	0.00
24.25	0.00	0.00	0.00	0.00
24.50	0.00	0.00	0.00	0.00
24.75	0.00	0.00	0.00	0.00
25.00	0.00	0.00	0.00	0.00
25.25	0.00	0.00	0.00	0.00
25.50	0.00	0.00	0.00	0.00
25.75	0.00	0.00	0.00	0.00
26.00	0.00	0.00	0.00	0.00
26.25	0.00	0.00	0.00	0.00
26.50	0.00	0.00	0.00	0.00
26.75	0.00	0.00	0.00	0.00
27.00	0.00	0.00	0.00	0.00
27.25	0.00	0.00	0.00	0.00
27.50	0.00	0.00	0.00	0.00
27.75	0.00	0.00	0.00	0.00
28.00	0.00	0.00	0.00	0.00
28.25	0.00	0.00	0.00	0.00
28.50	0.00	0.00	0.00	0.00
28.75	0.00	0.00	0.00	0.00
29.00	0.00	0.00	0.00	0.00
29.25	0.00	0.00	0.00	0.00
29.50	0.00	0.00	0.00	0.00
29.75	0.00	0.00	0.00	0.00
30.00	0.00	0.00	0.00	0.00
30.25	0.00	0.00	0.00	0.00
30.50	0.00	0.00	0.00	0.00
30.75	0.00	0.00	0.00	0.00
31.00	0.00	0.00	0.00	0.00
31.25	0.00	0.00	0.00	0.00
31.50	0.00	0.00	0.00	0.00
31.75	0.00	0.00	0.00	0.00
32.00	0.00	0.00	0.00	0.00
32.25	0.00	0.00	0.00	0.00
32.50	0.00	0.00	0.00	0.00
32.75	0.00	0.00	0.00	0.00
33.00	0.00	0.00	0.00	0.00
33.25	0.00	0.00	0.00	0.00
33.50	0.00	0.00	0.00	0.00
33.75	0.00	0.00	0.00	0.00
34.00	0.00	0.00	0.00	0.00
34.25	0.00	0.00	0.00	0.00
34.50	0.00	0.00	0.00	0.00
34.75	0.00	0.00	0.00	0.00
35.00	0.00	0.00	0.00	0.00
35.25	0.00	0.00	0.00	0.00
35.50	0.00	0.00	0.00	0.00
35.75	0.00	0.00	0.00	0.00
36.00	0.00	0.00	0.00	0.00
36.25	0.00	0.00	0.00	0.00
36.50	0.00	0.00	0.00	0.00
36.75	0.00	0.00	0.00	0.00
37.00	0.00	0.00	0.00	0.00
37.25	0.00	0.00	0.00	0.00
37.50	0.00	0.00	0.00	0.00
37.75	0.00	0.00	0.00	0.00
38.00	0.00	0.00	0.00	0.00
38.25	0.00	0.00	0.00	0.00
38.50	0.00	0.00	0.00	0.00
38.75	0.00	0.00	0.00	0.00
39.00	0.00	0.00	0.00	0.00
39.25	0.00	0.00	0.00	0.00

39.50	0.00	0.00	0.00	0.00
39.75	0.00	0.00	0.00	0.00
40.00	0.00	0.00	0.00	0.00
40.25	0.00	0.00	0.00	0.00
40.50	0.00	0.00	0.00	0.00
40.75	0.00	0.00	0.00	0.00
41.00	0.00	0.00	0.00	0.00
41.25	0.00	0.00	0.00	0.00
41.50	0.00	0.00	0.00	0.00
41.75	0.00	0.00	0.00	0.00
42.00	0.00	0.00	0.00	0.00
42.25	0.00	0.00	0.00	0.00
42.50	0.00	0.00	0.00	0.00
42.75	0.00	0.00	0.00	0.00
43.00	0.00	0.00	0.00	0.00
43.25	0.00	0.00	0.00	0.00
43.50	0.00	0.00	0.00	0.00
43.75	0.00	0.00	0.00	0.00
44.00	0.00	0.00	0.00	0.00
44.25	0.00	0.00	0.00	0.00
44.50	0.00	0.00	0.00	0.00
44.75	0.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	0.00
45.25	0.00	0.00	0.00	0.00
45.50	0.00	0.00	0.00	0.00
45.75	0.00	0.00	0.00	0.00
46.00	0.00	0.00	0.00	0.00
46.25	0.00	0.00	0.00	0.00
46.50	0.00	0.00	0.00	0.00
46.75	0.00	0.00	0.00	0.00
47.00	0.00	0.00	0.00	0.00
47.25	0.00	0.00	0.00	0.00
47.50	0.00	0.00	0.00	0.00
47.75	0.00	0.00	0.00	0.00
48.00	0.00	0.00	0.00	0.00
48.25	0.00	0.00	0.00	0.00
48.50	0.00	0.00	0.00	0.00
48.75	0.00	0.00	0.00	0.00
49.00	0.00	0.00	0.00	0.00
49.25	0.00	0.00	0.00	0.00
49.50	0.00	0.00	0.00	0.00
49.75	0.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	0.00
50.25	0.00	0.00	0.00	0.00
50.50	0.00	0.00	0.00	0.00
50.75	0.00	0.00	0.00	0.00
51.00	0.00	0.00	0.00	0.00
51.25	0.00	0.00	0.00	0.00
51.50	0.00	0.00	0.00	0.00
51.75	0.00	0.00	0.00	0.00
52.00	0.00	0.00	0.00	0.00
52.25	0.00	0.00	0.00	0.00
52.50	0.00	0.00	0.00	0.00
52.75	0.00	0.00	0.00	0.00
53.00	0.00	0.00	0.00	0.00
53.25	0.00	0.00	0.00	0.00
53.50	0.00	0.00	0.00	0.00
53.75	0.00	0.00	0.00	0.00
54.00	0.00	0.00	0.00	0.00
54.25	0.00	0.00	0.00	0.00
54.50	0.00	0.00	0.00	0.00
54.75	0.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	0.00
55.25	0.00	0.00	0.00	0.00
55.50	0.00	0.00	0.00	0.00
55.75	0.00	0.00	0.00	0.00
56.00	0.00	0.00	0.00	0.00
56.25	0.00	0.00	0.00	0.00
56.50	0.00	0.00	0.00	0.00
56.75	0.00	0.00	0.00	0.00
57.00	0.00	0.00	0.00	0.00
57.25	0.00	0.00	0.00	0.00
57.50	0.00	0.00	0.00	0.00
57.75	0.00	0.00	0.00	0.00
58.00	0.00	0.00	0.00	0.00
58.25	0.00	0.00	0.00	0.00
58.50	0.00	0.00	0.00	0.00
58.75	0.00	0.00	0.00	0.00
59.00	0.00	0.00	0.00	0.00
59.25	0.00	0.00	0.00	0.00
59.50	0.00	0.00	0.00	0.00
59.75	0.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	0.00
60.25	0.00	0.00	0.00	0.00
60.50	0.00	0.00	0.00	0.00
60.75	0.00	0.00	0.00	0.00
61.00	0.00	0.00	0.00	0.00
61.25	0.00	0.00	0.00	0.00
61.50	0.00	0.00	0.00	0.00
61.75	0.00	0.00	0.00	0.00
62.00	0.00	0.00	0.00	0.00
62.25	0.00	0.00	0.00	0.00
62.50	0.00	0.00	0.00	0.00
62.75	0.00	0.00	0.00	0.00
63.00	0.00	0.00	0.00	0.00
63.25	0.00	0.00	0.00	0.00
63.50	0.00	0.00	0.00	0.00
63.75	0.00	0.00	0.00	0.00
64.00	0.00	0.00	0.00	0.00
64.25	0.00	0.00	0.00	0.00
64.50	0.00	0.00	0.00	0.00
64.75	0.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	0.00
65.25	0.00	0.00	0.00	0.00
65.50	0.00	0.00	0.00	0.00
65.75	0.00	0.00	0.00	0.00

66.00	0.00	0.00	0.00	0.00
66.25	0.00	0.00	0.00	0.00
66.50	0.00	0.00	0.00	0.00
66.75	0.00	0.00	0.00	0.00
67.00	0.00	0.00	0.00	0.00
67.25	0.00	0.00	0.00	0.00
67.50	0.00	0.00	0.00	0.00
67.75	0.00	0.00	0.00	0.00
68.00	0.00	0.00	0.00	0.00
68.25	0.00	0.00	0.00	0.00
68.50	0.00	0.00	0.00	0.00
68.75	0.00	0.00	0.00	0.00
69.00	0.00	0.00	0.00	0.00
69.25	0.00	0.00	0.00	0.00
69.50	0.00	0.00	0.00	0.00
69.75	0.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	0.00
70.25	0.00	0.00	0.00	0.00
70.50	0.00	0.00	0.00	0.00
70.75	0.00	0.00	0.00	0.00
71.00	0.00	0.00	0.00	0.00
71.25	0.00	0.00	0.00	0.00
71.50	0.00	0.00	0.00	0.00
71.75	0.00	0.00	0.00	0.00
72.00	0.00	0.00	0.00	0.00

THE MAXIMUM DISCHARGE FROM CROSS SECTION 11 IS: 54.40 CFS AT TIME: 18.61 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 25.41 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 11

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00
13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	0.00
13.75	0.00	0.00	0.00	0.00
14.00	0.00	0.00	0.00	0.00
14.25	0.00	0.00	0.00	0.00
14.50	0.00	0.00	0.00	0.00
14.75	0.00	0.00	0.00	0.00
15.00	0.00	0.00	0.00	0.00
15.25	0.00	0.00	0.00	0.00
15.50	0.00	0.00	0.00	0.00
15.75	0.00	0.00	0.00	0.00
16.00	0.00	0.00	0.00	0.00
16.25	0.00	0.00	0.00	0.00
16.50	0.00	0.00	0.00	0.00
16.75	0.00	0.00	0.00	0.00
17.00	0.00	0.00	0.00	0.00
17.25	0.00	0.00	0.00	0.00
17.50	0.00	0.00	0.00	0.00

17.75	0.00	0.00	0.00	0.00
18.00	0.00	0.00	0.00	0.00
18.25	375.00	0.10	1.01	36.67
18.50	600.00	0.11	0.82	54.23
18.75	600.00	0.11	0.80	50.29
19.00	675.00	0.10	0.62	42.14
19.25	675.00	0.10	0.60	39.54
19.50	675.00	0.09	0.58	36.98
19.75	600.00	0.09	0.60	32.45
20.00	600.00	0.08	0.56	28.18
20.25	675.00	0.09	0.46	26.62
20.50	525.00	0.08	0.62	25.83
20.75	600.00	0.08	0.50	24.53
21.00	600.00	0.08	0.44	20.25
21.25	600.00	0.08	0.41	18.34
21.50	525.00	0.07	0.53	20.08
21.75	600.00	0.07	0.37	16.68
22.00	525.00	0.07	0.47	17.02
22.25	600.00	0.07	0.39	16.82
22.50	525.00	0.07	0.44	15.12
22.75	600.00	0.07	0.34	13.69
23.00	675.00	0.07	0.21	9.64
23.25	450.00	0.06	0.40	10.19
23.50	300.00	0.06	0.78	13.24
23.75	300.00	0.06	0.56	9.33
24.00	450.00	0.06	0.28	7.10
24.25	225.00	0.05	0.49	5.47
24.50	300.00	0.05	0.49	7.49
24.75	300.00	0.05	0.22	3.18
25.00	300.00	0.05	0.24	3.25
25.25	150.00	0.04	0.43	2.50
25.50	300.00	0.04	0.35	4.34
25.75	225.00	0.03	0.25	1.83
26.00	225.00	0.04	0.36	3.13
26.25	150.00	0.04	0.37	2.07
26.50	150.00	0.04	0.42	2.34
26.75	375.00	0.04	0.31	4.50
27.00	225.00	0.04	0.25	2.22
27.25	225.00	0.04	0.31	2.94
27.50	225.00	0.04	0.30	2.76
27.75	375.00	0.05	0.32	5.85
28.00	300.00	0.05	0.57	7.93
28.25	225.00	0.04	0.53	5.31
28.50	525.00	0.06	0.12	3.52
28.75	300.00	0.05	0.53	7.29
29.00	375.00	0.05	0.33	5.71
29.25	450.00	0.05	0.30	7.07
29.50	450.00	0.05	0.21	4.46
29.75	375.00	0.04	0.40	6.54
30.00	300.00	0.05	0.47	6.84
30.25	375.00	0.04	0.25	3.98
30.50	375.00	0.04	0.44	7.04
30.75	150.00	0.04	0.43	2.41
31.00	150.00	0.04	0.39	2.21
31.25	225.00	0.04	0.27	2.33
31.50	225.00	0.03	0.39	2.89
31.75	225.00	0.04	0.10	0.93
32.00	225.00	0.04	0.13	1.18
32.25	150.00	0.04	0.22	1.23
32.50	150.00	0.04	0.37	2.08
32.75	225.00	0.03	0.16	1.19
33.00	375.00	0.04	0.36	5.75
33.25	150.00	0.04	0.17	0.97
33.50	375.00	0.04	0.08	1.26
33.75	300.00	0.04	0.33	3.80
34.00	225.00	0.04	0.37	3.22
34.25	300.00	0.04	0.29	3.14
34.50	300.00	0.04	0.45	4.93
34.75	300.00	0.04	0.34	4.27
35.00	225.00	0.04	0.47	4.07
35.25	150.00	0.04	0.78	4.40
35.50	300.00	0.04	0.20	2.26
35.75	375.00	0.04	0.43	6.47
36.00	375.00	0.04	0.14	2.17
36.25	225.00	0.03	0.40	3.09
36.50	375.00	0.04	0.12	1.82
36.75	225.00	0.04	0.23	2.01
37.00	300.00	0.04	0.16	1.94
37.25	450.00	0.05	0.05	1.14
37.50	525.00	0.05	0.05	1.15
37.75	150.00	0.04	0.68	3.85
38.00	600.00	0.05	0.11	3.30
38.25	525.00	0.05	0.05	1.23
38.50	300.00	0.04	0.19	2.12
38.75	300.00	0.04	0.08	1.07
39.00	300.00	0.04	0.10	1.28
39.25	225.00	0.04	0.51	4.27
39.50	150.00	0.04	0.58	3.24
39.75	450.00	0.04	0.05	1.01
40.00	375.00	0.04	0.18	2.79
40.25	150.00	0.04	0.38	2.14
40.50	300.00	0.04	0.25	2.87
40.75	300.00	0.04	0.21	2.59
41.00	300.00	0.04	0.11	1.24
41.25	225.00	0.04	0.14	1.25
41.50	300.00	0.04	0.29	3.55
41.75	375.00	0.04	0.35	5.28
42.00	375.00	0.04	0.24	3.80
42.25	300.00	0.04	0.50	5.73
42.50	150.00	0.04	0.19	1.04
42.75	225.00	0.04	0.44	3.82
43.00	150.00	0.04	0.21	1.19
43.25	225.00	0.04	0.31	2.71
43.50	375.00	0.04	0.24	3.65
43.75	450.00	0.04	0.10	1.93
44.00	300.00	0.05	0.08	1.15

44.25	225.00	0.03	0.28	2.15
44.50	225.00	0.03	0.39	2.84
44.75	150.00	0.04	0.22	1.25
45.00	450.00	0.05	0.11	2.29
45.25	300.00	0.04	0.17	2.16
45.50	150.00	0.04	0.68	3.82
45.75	375.00	0.04	0.08	1.29
46.00	150.00	0.04	0.23	1.28
46.25	450.00	0.04	0.31	6.14
46.50	525.00	0.05	0.13	3.22
46.75	300.00	0.04	0.34	4.21
47.00	150.00	0.04	0.74	4.18
47.25	525.00	0.05	0.08	2.01
47.50	525.00	0.05	0.20	4.98
47.75	525.00	0.05	0.05	1.25
48.00	150.00	0.04	0.48	2.68
48.25	450.00	0.05	0.06	1.31
48.50	300.00	0.04	0.20	2.66
48.75	150.00	0.04	0.21	1.20
49.00	300.00	0.04	0.33	3.73
49.25	150.00	0.04	1.16	6.55
49.50	150.00	0.04	1.24	6.98
49.75	300.00	0.04	0.10	1.23
50.00	150.00	0.04	0.41	2.33
50.25	450.00	0.05	0.06	1.32
50.50	450.00	0.04	0.06	1.15
50.75	150.00	0.04	0.40	2.26
51.00	300.00	0.04	0.52	6.44
51.25	150.00	0.04	0.71	4.03
51.50	300.00	0.04	0.34	4.46
51.75	450.00	0.04	0.17	3.33
52.00	300.00	0.04	0.11	1.39
52.25	375.00	0.04	0.17	2.89
52.50	300.00	0.04	0.29	3.29
52.75	675.00	0.05	0.10	3.79
53.00	225.00	0.04	0.23	1.98
53.25	225.00	0.04	0.25	2.36
53.50	150.00	0.04	0.41	2.38
53.75	375.00	0.04	0.09	1.46
54.00	375.00	0.05	0.08	1.46
54.25	300.00	0.04	0.33	3.55
54.50	300.00	0.04	0.26	3.34
54.75	225.00	0.04	0.37	3.35
55.00	225.00	0.04	0.27	2.40
55.25	300.00	0.04	0.23	2.55
55.50	150.00	0.04	0.26	1.54
55.75	300.00	0.04	0.20	2.56
56.00	600.00	0.05	0.05	1.54
56.25	525.00	0.05	0.09	2.46
56.50	375.00	0.04	0.16	2.34
56.75	225.00	0.03	0.71	5.41
57.00	225.00	0.04	0.61	5.55
57.25	450.00	0.05	0.23	4.64
57.50	225.00	0.04	0.28	2.50
57.75	375.00	0.05	0.14	2.46
58.00	450.00	0.05	0.31	6.29
58.25	225.00	0.04	0.61	5.49
58.50	450.00	0.04	0.13	2.59
58.75	450.00	0.05	0.12	2.47
59.00	450.00	0.05	0.08	1.58
59.25	300.00	0.04	0.53	6.32
59.50	375.00	0.05	0.30	5.36
59.75	450.00	0.04	0.31	6.19
60.00	300.00	0.04	0.37	5.02
60.25	525.00	0.05	0.12	2.97
60.50	150.00	0.04	0.63	3.71
60.75	450.00	0.05	0.24	4.84
61.00	225.00	0.04	0.17	1.59
61.25	300.00	0.04	0.12	1.59
61.50	300.00	0.05	0.26	3.45
61.75	450.00	0.04	0.16	3.14
62.00	450.00	0.05	0.16	3.47
62.25	375.00	0.05	0.15	2.63
62.50	225.00	0.04	0.29	2.63
62.75	525.00	0.05	0.06	1.50
63.00	375.00	0.04	0.11	1.62
63.25	300.00	0.04	0.36	4.71
63.50	300.00	0.04	0.20	2.65
63.75	150.00	0.04	0.76	4.52
64.00	300.00	0.04	0.24	2.77
64.25	225.00	0.04	0.56	5.40
64.50	225.00	0.04	0.51	4.63
64.75	450.00	0.05	0.12	2.50
65.00	375.00	0.04	0.29	4.63
65.25	225.00	0.04	0.28	2.57
65.50	150.00	0.04	0.45	2.67
65.75	300.00	0.04	0.20	2.45
66.00	450.00	0.05	0.20	4.23
66.25	225.00	0.04	0.44	4.02
66.50	225.00	0.04	0.28	2.72
66.75	300.00	0.05	0.23	3.26
67.00	450.00	0.05	0.11	2.48
67.25	600.00	0.05	0.15	4.72
67.50	525.00	0.05	0.10	2.62
67.75	300.00	0.04	0.21	2.73
68.00	300.00	0.04	0.38	4.27
68.25	450.00	0.05	0.22	4.80
68.50	300.00	0.04	0.29	3.79
68.75	225.00	0.04	0.77	7.09
69.00	375.00	0.04	0.39	5.92
69.25	225.00	0.04	0.41	3.76
69.50	225.00	0.04	0.63	5.84
69.75	525.00	0.05	0.15	3.86
70.00	225.00	0.04	0.40	3.71
70.25	225.00	0.04	0.33	2.73
70.50	525.00	0.05	0.06	1.71

70.75	375.00	0.04	0.16	2.72
71.00	150.00	0.04	0.63	3.81
71.25	450.00	0.05	0.38	7.89
71.50	225.00	0.04	0.64	5.89
71.75	525.00	0.05	0.27	6.81
72.00	225.00	0.04	0.50	4.62

THE MAXIMUM DISCHARGE FROM CROSS SECTION 12 IS: 65.00 CFS AT TIME: 18.84 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 36.47 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 12

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00
13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	0.00
13.75	0.00	0.00	0.00	0.00
14.00	0.00	0.00	0.00	0.00
14.25	0.00	0.00	0.00	0.00
14.50	0.00	0.00	0.00	0.00
14.75	0.00	0.00	0.00	0.00
15.00	0.00	0.00	0.00	0.00
15.25	0.00	0.00	0.00	0.00
15.50	0.00	0.00	0.00	0.00
15.75	0.00	0.00	0.00	0.00
16.00	0.00	0.00	0.00	0.00
16.25	0.00	0.00	0.00	0.00
16.50	0.00	0.00	0.00	0.00
16.75	0.00	0.00	0.00	0.00
17.00	0.00	0.00	0.00	0.00
17.25	0.00	0.00	0.00	0.00
17.50	0.00	0.00	0.00	0.00
17.75	0.00	0.00	0.00	0.00
18.00	375.00	0.06	2.56	57.17
18.25	375.00	0.06	2.58	58.80
18.50	375.00	0.06	2.63	60.31
18.75	375.00	0.06	2.67	63.62
19.00	375.00	0.06	2.70	64.18
19.25	375.00	0.06	2.60	59.79
19.50	375.00	0.06	2.55	55.97
19.75	375.00	0.06	2.35	50.15
20.00	375.00	0.05	2.20	45.41
20.25	375.00	0.05	2.19	44.16
20.50	375.00	0.05	2.05	40.58
20.75	375.00	0.05	1.94	37.52
21.00	375.00	0.05	1.83	34.04
21.25	375.00	0.05	1.83	32.72
21.50	375.00	0.04	1.75	29.02
21.75	375.00	0.04	1.50	23.67
22.00	375.00	0.04	1.47	22.40
22.25	375.00	0.04	1.29	19.35

22.50	375.00	0.04	1.15	16.63
22.75	375.00	0.04	1.14	16.06
23.00	375.00	0.04	1.13	15.26
23.25	375.00	0.03	1.03	13.04
23.50	375.00	0.03	0.98	12.04
23.75	375.00	0.03	0.90	11.03
24.00	375.00	0.03	0.88	10.63
24.25	375.00	0.03	0.87	10.11
24.50	375.00	0.03	0.72	8.39
24.75	375.00	0.03	0.86	9.78
25.00	375.00	0.03	0.85	9.54
25.25	300.00	0.02	1.25	9.29
25.50	300.00	0.02	1.02	7.57
25.75	375.00	0.03	0.63	6.92
26.00	300.00	0.02	1.02	7.54
26.25	300.00	0.02	1.23	9.07
26.50	375.00	0.03	0.70	7.54
26.75	375.00	0.03	0.54	5.80
27.00	300.00	0.02	1.21	8.40
27.25	300.00	0.02	1.19	8.19
27.50	375.00	0.03	0.77	7.79
27.75	300.00	0.02	1.05	6.81
28.00	300.00	0.02	0.70	4.38
28.25	300.00	0.02	1.05	6.41
28.50	225.00	0.02	1.27	4.32
28.75	225.00	0.01	1.15	3.83
29.00	300.00	0.02	0.44	2.56
29.25	225.00	0.02	1.10	3.76
29.50	225.00	0.01	1.94	6.29
29.75	300.00	0.02	0.91	5.22
30.00	150.00	0.01	2.27	3.60
30.25	225.00	0.02	1.04	3.53
30.50	300.00	0.02	0.19	1.09
30.75	150.00	0.01	0.72	1.08
31.00	375.00	0.02	0.53	4.72
31.25	75.00	0.01	15.51	6.87
31.50	225.00	0.01	1.45	4.69
31.75	225.00	0.01	1.47	4.77
32.00	375.00	0.02	0.19	1.69
32.25	300.00	0.02	0.56	3.22
32.50	300.00	0.02	0.89	5.11
32.75	150.00	0.01	2.12	3.55
33.00	225.00	0.01	1.28	4.13
33.25	300.00	0.02	0.79	4.78
33.50	300.00	0.02	0.35	2.02
33.75	375.00	0.02	0.54	4.83
34.00	225.00	0.01	2.07	6.69
34.25	375.00	0.02	0.40	3.56
34.50	225.00	0.02	1.45	5.16
34.75	300.00	0.02	0.91	5.20
35.00	300.00	0.02	0.39	2.25
35.25	150.00	0.01	2.37	3.75
35.50	375.00	0.02	0.38	3.44
35.75	150.00	0.01	3.16	4.75
36.00	375.00	0.02	0.46	4.15
36.25	375.00	0.02	0.70	6.24
36.50	300.00	0.02	0.67	3.82
36.75	225.00	0.01	1.73	5.58
37.00	225.00	0.02	1.41	5.03
37.25	225.00	0.01	0.45	1.46
37.50	375.00	0.02	0.43	3.85
37.75	75.00	0.01	9.37	3.53
38.00	150.00	0.01	0.76	1.08
38.25	375.00	0.02	0.29	2.64
38.50	150.00	0.01	2.37	3.59
38.75	300.00	0.02	0.40	2.31
39.00	300.00	0.02	0.34	2.02
39.25	225.00	0.01	1.79	5.78
39.50	225.00	0.02	1.23	4.19
39.75	300.00	0.02	0.84	4.85
40.00	150.00	0.01	2.38	3.59
40.25	225.00	0.02	0.96	3.25
40.50	225.00	0.02	1.35	4.83
40.75	150.00	0.01	4.42	6.35
41.00	300.00	0.02	0.88	5.02
41.25	225.00	0.02	0.63	2.14
41.50	300.00	0.02	0.59	3.40
41.75	225.00	0.01	1.42	4.57
42.00	300.00	0.02	0.62	3.54
42.25	375.00	0.02	0.29	2.63
42.50	300.00	0.02	0.69	3.97
42.75	375.00	0.02	0.29	2.64
43.00	150.00	0.01	1.65	2.61
43.25	225.00	0.02	1.42	4.82
43.50	300.00	0.02	0.91	5.21
43.75	375.00	0.02	0.56	5.04
44.00	300.00	0.02	0.82	4.71
44.25	300.00	0.02	0.75	4.54
44.50	300.00	0.02	0.70	4.05
44.75	375.00	0.02	0.63	5.68
45.00	225.00	0.01	1.30	4.21
45.25	300.00	0.02	0.55	3.17
45.50	300.00	0.02	0.17	0.97
45.75	300.00	0.02	0.79	4.78
46.00	300.00	0.02	0.43	2.59
46.25	300.00	0.02	0.78	4.69
46.50	150.00	0.01	2.13	3.56
46.75	300.00	0.02	0.98	5.63
47.00	225.00	0.01	1.28	4.14
47.25	225.00	0.01	1.94	6.26
47.50	225.00	0.01	0.92	2.98
47.75	225.00	0.02	0.95	3.23
48.00	150.00	0.01	3.36	5.35
48.25	300.00	0.02	0.35	2.02
48.50	300.00	0.02	0.52	2.97
48.75	150.00	0.01	2.81	4.71

49.00	225.00	0.02	1.08	3.85
49.25	300.00	0.02	0.68	4.14
49.50	0.00	0.00	0.00	4.71
49.75	300.00	0.02	0.71	4.10
50.00	225.00	0.01	1.14	3.68
50.25	300.00	0.02	0.57	3.43
50.50	150.00	0.01	3.96	6.63
50.75	225.00	0.01	1.34	4.33
51.00	375.00	0.02	0.41	3.69
51.25	225.00	0.02	1.26	4.51
51.50	225.00	0.01	1.57	5.05
51.75	300.00	0.02	0.57	3.46
52.00	150.00	0.01	3.29	5.24
52.25	225.00	0.01	1.69	5.47
52.50	225.00	0.02	1.11	3.96
52.75	225.00	0.02	0.96	3.26
53.00	225.00	0.01	1.32	4.26
53.25	300.00	0.02	0.73	4.16
53.50	225.00	0.02	1.69	5.72
53.75	300.00	0.02	0.55	3.14
54.00	225.00	0.01	1.29	4.18
54.25	225.00	0.01	1.73	5.60
54.50	150.00	0.01	3.09	4.67
54.75	150.00	0.01	2.79	4.67
55.00	300.00	0.02	0.65	3.74
55.25	225.00	0.01	1.42	4.58
55.50	225.00	0.02	1.54	5.23
55.75	225.00	0.01	1.45	4.70
56.00	300.00	0.02	0.63	3.62
56.25	300.00	0.02	0.57	3.42
56.50	225.00	0.01	1.89	6.10
56.75	225.00	0.02	0.86	3.09
57.00	300.00	0.02	0.63	3.65
57.25	225.00	0.01	0.42	1.36
57.50	300.00	0.02	0.64	3.68
57.75	225.00	0.01	1.56	5.03
58.00	375.00	0.02	0.77	6.64
58.25	225.00	0.01	0.98	3.17
58.50	225.00	0.01	0.76	2.44
58.75	300.00	0.02	0.63	3.63
59.00	300.00	0.02	0.81	4.61
59.25	300.00	0.02	0.70	4.05
59.50	375.00	0.02	0.38	3.40
59.75	225.00	0.02	0.78	2.66
60.00	225.00	0.02	0.30	1.08
60.25	225.00	0.02	1.06	3.60
60.50	150.00	0.01	3.18	4.81
60.75	150.00	0.01	3.59	5.17
61.00	300.00	0.02	0.89	5.09
61.25	300.00	0.02	0.35	2.02
61.50	300.00	0.02	0.35	2.01
61.75	300.00	0.02	0.70	4.01
62.00	375.00	0.02	0.12	1.09
62.25	225.00	0.01	1.67	5.40
62.50	300.00	0.02	0.74	4.23
62.75	300.00	0.02	0.60	3.43
63.00	300.00	0.02	0.75	4.54
63.25	225.00	0.01	1.13	3.67
63.50	150.00	0.01	3.06	4.61
63.75	150.00	0.01	3.00	5.02
64.00	225.00	0.01	0.99	3.21
64.25	300.00	0.02	0.89	5.12
64.50	300.00	0.02	0.70	4.03
64.75	150.00	0.01	4.46	6.74
65.00	225.00	0.01	1.73	5.58
65.25	225.00	0.02	1.32	4.71
65.50	225.00	0.01	1.68	5.43
65.75	375.00	0.02	0.55	4.90
66.00	75.00	0.00	12.92	4.62
66.25	300.00	0.02	0.72	4.13
66.50	225.00	0.02	1.15	3.91
66.75	300.00	0.02	0.54	3.25
67.00	300.00	0.02	0.34	2.03
67.25	225.00	0.01	0.99	3.21
67.50	300.00	0.02	0.61	3.51
67.75	225.00	0.02	2.03	6.87
68.00	300.00	0.02	0.68	4.14
68.25	225.00	0.02	1.85	6.27
68.50	375.00	0.02	0.30	2.66
68.75	300.00	0.02	0.19	1.09
69.00	225.00	0.02	0.97	3.32
69.25	225.00	0.01	1.25	4.03
69.50	225.00	0.01	1.27	4.10
69.75	225.00	0.02	1.01	3.61
70.00	375.00	0.02	0.27	2.45
70.25	150.00	0.01	2.81	4.03
70.50	375.00	0.02	0.45	3.99
70.75	150.00	0.01	3.88	5.57
71.00	150.00	0.01	4.46	6.73
71.25	375.00	0.02	0.29	2.63
71.50	300.00	0.02	0.72	4.14
71.75	225.00	0.02	0.30	1.08
72.00	225.00	0.01	1.88	6.07

THE MAXIMUM DISCHARGE FROM CROSS SECTION 13 IS: 0.00 CFS AT TIME: 0.00 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 0.00 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 13

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00

0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00
13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	0.00
13.75	0.00	0.00	0.00	0.00
14.00	0.00	0.00	0.00	0.00
14.25	0.00	0.00	0.00	0.00
14.50	0.00	0.00	0.00	0.00
14.75	0.00	0.00	0.00	0.00
15.00	0.00	0.00	0.00	0.00
15.25	0.00	0.00	0.00	0.00
15.50	0.00	0.00	0.00	0.00
15.75	0.00	0.00	0.00	0.00
16.00	0.00	0.00	0.00	0.00
16.25	0.00	0.00	0.00	0.00
16.50	0.00	0.00	0.00	0.00
16.75	0.00	0.00	0.00	0.00
17.00	0.00	0.00	0.00	0.00
17.25	0.00	0.00	0.00	0.00
17.50	0.00	0.00	0.00	0.00
17.75	0.00	0.00	0.00	0.00
18.00	0.00	0.00	0.00	0.00
18.25	0.00	0.00	0.00	0.00
18.50	0.00	0.00	0.00	0.00
18.75	0.00	0.00	0.00	0.00
19.00	0.00	0.00	0.00	0.00
19.25	0.00	0.00	0.00	0.00
19.50	0.00	0.00	0.00	0.00
19.75	0.00	0.00	0.00	0.00
20.00	0.00	0.00	0.00	0.00
20.25	0.00	0.00	0.00	0.00
20.50	0.00	0.00	0.00	0.00
20.75	0.00	0.00	0.00	0.00
21.00	0.00	0.00	0.00	0.00
21.25	0.00	0.00	0.00	0.00
21.50	0.00	0.00	0.00	0.00
21.75	0.00	0.00	0.00	0.00
22.00	0.00	0.00	0.00	0.00
22.25	0.00	0.00	0.00	0.00
22.50	0.00	0.00	0.00	0.00
22.75	0.00	0.00	0.00	0.00
23.00	0.00	0.00	0.00	0.00
23.25	0.00	0.00	0.00	0.00
23.50	0.00	0.00	0.00	0.00
23.75	0.00	0.00	0.00	0.00
24.00	0.00	0.00	0.00	0.00
24.25	0.00	0.00	0.00	0.00
24.50	0.00	0.00	0.00	0.00
24.75	0.00	0.00	0.00	0.00
25.00	0.00	0.00	0.00	0.00
25.25	0.00	0.00	0.00	0.00
25.50	0.00	0.00	0.00	0.00
25.75	0.00	0.00	0.00	0.00
26.00	0.00	0.00	0.00	0.00
26.25	0.00	0.00	0.00	0.00
26.50	0.00	0.00	0.00	0.00
26.75	0.00	0.00	0.00	0.00
27.00	0.00	0.00	0.00	0.00

27.25	0.00	0.00	0.00	0.00
27.50	0.00	0.00	0.00	0.00
27.75	0.00	0.00	0.00	0.00
28.00	0.00	0.00	0.00	0.00
28.25	0.00	0.00	0.00	0.00
28.50	0.00	0.00	0.00	0.00
28.75	0.00	0.00	0.00	0.00
29.00	0.00	0.00	0.00	0.00
29.25	0.00	0.00	0.00	0.00
29.50	0.00	0.00	0.00	0.00
29.75	0.00	0.00	0.00	0.00
30.00	0.00	0.00	0.00	0.00
30.25	0.00	0.00	0.00	0.00
30.50	0.00	0.00	0.00	0.00
30.75	0.00	0.00	0.00	0.00
31.00	0.00	0.00	0.00	0.00
31.25	0.00	0.00	0.00	0.00
31.50	0.00	0.00	0.00	0.00
31.75	0.00	0.00	0.00	0.00
32.00	0.00	0.00	0.00	0.00
32.25	0.00	0.00	0.00	0.00
32.50	0.00	0.00	0.00	0.00
32.75	0.00	0.00	0.00	0.00
33.00	0.00	0.00	0.00	0.00
33.25	0.00	0.00	0.00	0.00
33.50	0.00	0.00	0.00	0.00
33.75	0.00	0.00	0.00	0.00
34.00	0.00	0.00	0.00	0.00
34.25	0.00	0.00	0.00	0.00
34.50	0.00	0.00	0.00	0.00
34.75	0.00	0.00	0.00	0.00
35.00	0.00	0.00	0.00	0.00
35.25	0.00	0.00	0.00	0.00
35.50	0.00	0.00	0.00	0.00
35.75	0.00	0.00	0.00	0.00
36.00	0.00	0.00	0.00	0.00
36.25	0.00	0.00	0.00	0.00
36.50	0.00	0.00	0.00	0.00
36.75	0.00	0.00	0.00	0.00
37.00	0.00	0.00	0.00	0.00
37.25	0.00	0.00	0.00	0.00
37.50	0.00	0.00	0.00	0.00
37.75	0.00	0.00	0.00	0.00
38.00	0.00	0.00	0.00	0.00
38.25	0.00	0.00	0.00	0.00
38.50	0.00	0.00	0.00	0.00
38.75	0.00	0.00	0.00	0.00
39.00	0.00	0.00	0.00	0.00
39.25	0.00	0.00	0.00	0.00
39.50	0.00	0.00	0.00	0.00
39.75	0.00	0.00	0.00	0.00
40.00	0.00	0.00	0.00	0.00
40.25	0.00	0.00	0.00	0.00
40.50	0.00	0.00	0.00	0.00
40.75	0.00	0.00	0.00	0.00
41.00	0.00	0.00	0.00	0.00
41.25	0.00	0.00	0.00	0.00
41.50	0.00	0.00	0.00	0.00
41.75	0.00	0.00	0.00	0.00
42.00	0.00	0.00	0.00	0.00
42.25	0.00	0.00	0.00	0.00
42.50	0.00	0.00	0.00	0.00
42.75	0.00	0.00	0.00	0.00
43.00	0.00	0.00	0.00	0.00
43.25	0.00	0.00	0.00	0.00
43.50	0.00	0.00	0.00	0.00
43.75	0.00	0.00	0.00	0.00
44.00	0.00	0.00	0.00	0.00
44.25	0.00	0.00	0.00	0.00
44.50	0.00	0.00	0.00	0.00
44.75	0.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	0.00
45.25	0.00	0.00	0.00	0.00
45.50	0.00	0.00	0.00	0.00
45.75	0.00	0.00	0.00	0.00
46.00	0.00	0.00	0.00	0.00
46.25	0.00	0.00	0.00	0.00
46.50	0.00	0.00	0.00	0.00
46.75	0.00	0.00	0.00	0.00
47.00	0.00	0.00	0.00	0.00
47.25	0.00	0.00	0.00	0.00
47.50	0.00	0.00	0.00	0.00
47.75	0.00	0.00	0.00	0.00
48.00	0.00	0.00	0.00	0.00
48.25	0.00	0.00	0.00	0.00
48.50	0.00	0.00	0.00	0.00
48.75	0.00	0.00	0.00	0.00
49.00	0.00	0.00	0.00	0.00
49.25	0.00	0.00	0.00	0.00
49.50	0.00	0.00	0.00	0.00
49.75	0.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	0.00
50.25	0.00	0.00	0.00	0.00
50.50	0.00	0.00	0.00	0.00
50.75	0.00	0.00	0.00	0.00
51.00	0.00	0.00	0.00	0.00
51.25	0.00	0.00	0.00	0.00
51.50	0.00	0.00	0.00	0.00
51.75	0.00	0.00	0.00	0.00
52.00	0.00	0.00	0.00	0.00
52.25	0.00	0.00	0.00	0.00
52.50	0.00	0.00	0.00	0.00
52.75	0.00	0.00	0.00	0.00
53.00	0.00	0.00	0.00	0.00
53.25	0.00	0.00	0.00	0.00
53.50	0.00	0.00	0.00	0.00

53.75	0.00	0.00	0.00	0.00
54.00	0.00	0.00	0.00	0.00
54.25	0.00	0.00	0.00	0.00
54.50	0.00	0.00	0.00	0.00
54.75	0.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	0.00
55.25	0.00	0.00	0.00	0.00
55.50	0.00	0.00	0.00	0.00
55.75	0.00	0.00	0.00	0.00
56.00	0.00	0.00	0.00	0.00
56.25	0.00	0.00	0.00	0.00
56.50	0.00	0.00	0.00	0.00
56.75	0.00	0.00	0.00	0.00
57.00	0.00	0.00	0.00	0.00
57.25	0.00	0.00	0.00	0.00
57.50	0.00	0.00	0.00	0.00
57.75	0.00	0.00	0.00	0.00
58.00	0.00	0.00	0.00	0.00
58.25	0.00	0.00	0.00	0.00
58.50	0.00	0.00	0.00	0.00
58.75	0.00	0.00	0.00	0.00
59.00	0.00	0.00	0.00	0.00
59.25	0.00	0.00	0.00	0.00
59.50	0.00	0.00	0.00	0.00
59.75	0.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	0.00
60.25	0.00	0.00	0.00	0.00
60.50	0.00	0.00	0.00	0.00
60.75	0.00	0.00	0.00	0.00
61.00	0.00	0.00	0.00	0.00
61.25	0.00	0.00	0.00	0.00
61.50	0.00	0.00	0.00	0.00
61.75	0.00	0.00	0.00	0.00
62.00	0.00	0.00	0.00	0.00
62.25	0.00	0.00	0.00	0.00
62.50	0.00	0.00	0.00	0.00
62.75	0.00	0.00	0.00	0.00
63.00	0.00	0.00	0.00	0.00
63.25	0.00	0.00	0.00	0.00
63.50	0.00	0.00	0.00	0.00
63.75	0.00	0.00	0.00	0.00
64.00	0.00	0.00	0.00	0.00
64.25	0.00	0.00	0.00	0.00
64.50	0.00	0.00	0.00	0.00
64.75	0.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	0.00
65.25	0.00	0.00	0.00	0.00
65.50	0.00	0.00	0.00	0.00
65.75	0.00	0.00	0.00	0.00
66.00	0.00	0.00	0.00	0.00
66.25	0.00	0.00	0.00	0.00
66.50	0.00	0.00	0.00	0.00
66.75	0.00	0.00	0.00	0.00
67.00	0.00	0.00	0.00	0.00
67.25	0.00	0.00	0.00	0.00
67.50	0.00	0.00	0.00	0.00
67.75	0.00	0.00	0.00	0.00
68.00	0.00	0.00	0.00	0.00
68.25	0.00	0.00	0.00	0.00
68.50	0.00	0.00	0.00	0.00
68.75	0.00	0.00	0.00	0.00
69.00	0.00	0.00	0.00	0.00
69.25	0.00	0.00	0.00	0.00
69.50	0.00	0.00	0.00	0.00
69.75	0.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	0.00
70.25	0.00	0.00	0.00	0.00
70.50	0.00	0.00	0.00	0.00
70.75	0.00	0.00	0.00	0.00
71.00	0.00	0.00	0.00	0.00
71.25	0.00	0.00	0.00	0.00
71.50	0.00	0.00	0.00	0.00
71.75	0.00	0.00	0.00	0.00
72.00	0.00	0.00	0.00	0.00

THE MAXIMUM DISCHARGE FROM CROSS SECTION 16 IS: 0.00 CFS AT TIME: 0.00 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 0.00 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 16

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00

5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00
13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	0.00
13.75	0.00	0.00	0.00	0.00
14.00	0.00	0.00	0.00	0.00
14.25	0.00	0.00	0.00	0.00
14.50	0.00	0.00	0.00	0.00
14.75	0.00	0.00	0.00	0.00
15.00	0.00	0.00	0.00	0.00
15.25	0.00	0.00	0.00	0.00
15.50	0.00	0.00	0.00	0.00
15.75	0.00	0.00	0.00	0.00
16.00	0.00	0.00	0.00	0.00
16.25	0.00	0.00	0.00	0.00
16.50	0.00	0.00	0.00	0.00
16.75	0.00	0.00	0.00	0.00
17.00	0.00	0.00	0.00	0.00
17.25	0.00	0.00	0.00	0.00
17.50	0.00	0.00	0.00	0.00
17.75	0.00	0.00	0.00	0.00
18.00	0.00	0.00	0.00	0.00
18.25	0.00	0.00	0.00	0.00
18.50	0.00	0.00	0.00	0.00
18.75	0.00	0.00	0.00	0.00
19.00	0.00	0.00	0.00	0.00
19.25	0.00	0.00	0.00	0.00
19.50	0.00	0.00	0.00	0.00
19.75	0.00	0.00	0.00	0.00
20.00	0.00	0.00	0.00	0.00
20.25	0.00	0.00	0.00	0.00
20.50	0.00	0.00	0.00	0.00
20.75	0.00	0.00	0.00	0.00
21.00	0.00	0.00	0.00	0.00
21.25	0.00	0.00	0.00	0.00
21.50	0.00	0.00	0.00	0.00
21.75	0.00	0.00	0.00	0.00
22.00	0.00	0.00	0.00	0.00
22.25	0.00	0.00	0.00	0.00
22.50	0.00	0.00	0.00	0.00
22.75	0.00	0.00	0.00	0.00
23.00	0.00	0.00	0.00	0.00
23.25	0.00	0.00	0.00	0.00
23.50	0.00	0.00	0.00	0.00
23.75	0.00	0.00	0.00	0.00
24.00	0.00	0.00	0.00	0.00
24.25	0.00	0.00	0.00	0.00
24.50	0.00	0.00	0.00	0.00
24.75	0.00	0.00	0.00	0.00
25.00	0.00	0.00	0.00	0.00
25.25	0.00	0.00	0.00	0.00
25.50	0.00	0.00	0.00	0.00
25.75	0.00	0.00	0.00	0.00
26.00	0.00	0.00	0.00	0.00
26.25	0.00	0.00	0.00	0.00
26.50	0.00	0.00	0.00	0.00
26.75	0.00	0.00	0.00	0.00
27.00	0.00	0.00	0.00	0.00
27.25	0.00	0.00	0.00	0.00
27.50	0.00	0.00	0.00	0.00
27.75	0.00	0.00	0.00	0.00
28.00	0.00	0.00	0.00	0.00
28.25	0.00	0.00	0.00	0.00
28.50	0.00	0.00	0.00	0.00
28.75	0.00	0.00	0.00	0.00
29.00	0.00	0.00	0.00	0.00
29.25	0.00	0.00	0.00	0.00
29.50	0.00	0.00	0.00	0.00
29.75	0.00	0.00	0.00	0.00
30.00	0.00	0.00	0.00	0.00
30.25	0.00	0.00	0.00	0.00
30.50	0.00	0.00	0.00	0.00
30.75	0.00	0.00	0.00	0.00
31.00	0.00	0.00	0.00	0.00
31.25	0.00	0.00	0.00	0.00
31.50	0.00	0.00	0.00	0.00
31.75	0.00	0.00	0.00	0.00
32.00	0.00	0.00	0.00	0.00

32.25	0.00	0.00	0.00	0.00
32.50	0.00	0.00	0.00	0.00
32.75	0.00	0.00	0.00	0.00
33.00	0.00	0.00	0.00	0.00
33.25	0.00	0.00	0.00	0.00
33.50	0.00	0.00	0.00	0.00
33.75	0.00	0.00	0.00	0.00
34.00	0.00	0.00	0.00	0.00
34.25	0.00	0.00	0.00	0.00
34.50	0.00	0.00	0.00	0.00
34.75	0.00	0.00	0.00	0.00
35.00	0.00	0.00	0.00	0.00
35.25	0.00	0.00	0.00	0.00
35.50	0.00	0.00	0.00	0.00
35.75	0.00	0.00	0.00	0.00
36.00	0.00	0.00	0.00	0.00
36.25	0.00	0.00	0.00	0.00
36.50	0.00	0.00	0.00	0.00
36.75	0.00	0.00	0.00	0.00
37.00	0.00	0.00	0.00	0.00
37.25	0.00	0.00	0.00	0.00
37.50	0.00	0.00	0.00	0.00
37.75	0.00	0.00	0.00	0.00
38.00	0.00	0.00	0.00	0.00
38.25	0.00	0.00	0.00	0.00
38.50	0.00	0.00	0.00	0.00
38.75	0.00	0.00	0.00	0.00
39.00	0.00	0.00	0.00	0.00
39.25	0.00	0.00	0.00	0.00
39.50	0.00	0.00	0.00	0.00
39.75	0.00	0.00	0.00	0.00
40.00	0.00	0.00	0.00	0.00
40.25	0.00	0.00	0.00	0.00
40.50	0.00	0.00	0.00	0.00
40.75	0.00	0.00	0.00	0.00
41.00	0.00	0.00	0.00	0.00
41.25	0.00	0.00	0.00	0.00
41.50	0.00	0.00	0.00	0.00
41.75	0.00	0.00	0.00	0.00
42.00	0.00	0.00	0.00	0.00
42.25	0.00	0.00	0.00	0.00
42.50	0.00	0.00	0.00	0.00
42.75	0.00	0.00	0.00	0.00
43.00	0.00	0.00	0.00	0.00
43.25	0.00	0.00	0.00	0.00
43.50	0.00	0.00	0.00	0.00
43.75	0.00	0.00	0.00	0.00
44.00	0.00	0.00	0.00	0.00
44.25	0.00	0.00	0.00	0.00
44.50	0.00	0.00	0.00	0.00
44.75	0.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	0.00
45.25	0.00	0.00	0.00	0.00
45.50	0.00	0.00	0.00	0.00
45.75	0.00	0.00	0.00	0.00
46.00	0.00	0.00	0.00	0.00
46.25	0.00	0.00	0.00	0.00
46.50	0.00	0.00	0.00	0.00
46.75	0.00	0.00	0.00	0.00
47.00	0.00	0.00	0.00	0.00
47.25	0.00	0.00	0.00	0.00
47.50	0.00	0.00	0.00	0.00
47.75	0.00	0.00	0.00	0.00
48.00	0.00	0.00	0.00	0.00
48.25	0.00	0.00	0.00	0.00
48.50	0.00	0.00	0.00	0.00
48.75	0.00	0.00	0.00	0.00
49.00	0.00	0.00	0.00	0.00
49.25	0.00	0.00	0.00	0.00
49.50	0.00	0.00	0.00	0.00
49.75	0.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	0.00
50.25	0.00	0.00	0.00	0.00
50.50	0.00	0.00	0.00	0.00
50.75	0.00	0.00	0.00	0.00
51.00	0.00	0.00	0.00	0.00
51.25	0.00	0.00	0.00	0.00
51.50	0.00	0.00	0.00	0.00
51.75	0.00	0.00	0.00	0.00
52.00	0.00	0.00	0.00	0.00
52.25	0.00	0.00	0.00	0.00
52.50	0.00	0.00	0.00	0.00
52.75	0.00	0.00	0.00	0.00
53.00	0.00	0.00	0.00	0.00
53.25	0.00	0.00	0.00	0.00
53.50	0.00	0.00	0.00	0.00
53.75	0.00	0.00	0.00	0.00
54.00	0.00	0.00	0.00	0.00
54.25	0.00	0.00	0.00	0.00
54.50	0.00	0.00	0.00	0.00
54.75	0.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	0.00
55.25	0.00	0.00	0.00	0.00
55.50	0.00	0.00	0.00	0.00
55.75	0.00	0.00	0.00	0.00
56.00	0.00	0.00	0.00	0.00
56.25	0.00	0.00	0.00	0.00
56.50	0.00	0.00	0.00	0.00
56.75	0.00	0.00	0.00	0.00
57.00	0.00	0.00	0.00	0.00
57.25	0.00	0.00	0.00	0.00
57.50	0.00	0.00	0.00	0.00
57.75	0.00	0.00	0.00	0.00
58.00	0.00	0.00	0.00	0.00
58.25	0.00	0.00	0.00	0.00
58.50	0.00	0.00	0.00	0.00

58.75	0.00	0.00	0.00	0.00
59.00	0.00	0.00	0.00	0.00
59.25	0.00	0.00	0.00	0.00
59.50	0.00	0.00	0.00	0.00
59.75	0.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	0.00
60.25	0.00	0.00	0.00	0.00
60.50	0.00	0.00	0.00	0.00
60.75	0.00	0.00	0.00	0.00
61.00	0.00	0.00	0.00	0.00
61.25	0.00	0.00	0.00	0.00
61.50	0.00	0.00	0.00	0.00
61.75	0.00	0.00	0.00	0.00
62.00	0.00	0.00	0.00	0.00
62.25	0.00	0.00	0.00	0.00
62.50	0.00	0.00	0.00	0.00
62.75	0.00	0.00	0.00	0.00
63.00	0.00	0.00	0.00	0.00
63.25	0.00	0.00	0.00	0.00
63.50	0.00	0.00	0.00	0.00
63.75	0.00	0.00	0.00	0.00
64.00	0.00	0.00	0.00	0.00
64.25	0.00	0.00	0.00	0.00
64.50	0.00	0.00	0.00	0.00
64.75	0.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	0.00
65.25	0.00	0.00	0.00	0.00
65.50	0.00	0.00	0.00	0.00
65.75	0.00	0.00	0.00	0.00
66.00	0.00	0.00	0.00	0.00
66.25	0.00	0.00	0.00	0.00
66.50	0.00	0.00	0.00	0.00
66.75	0.00	0.00	0.00	0.00
67.00	0.00	0.00	0.00	0.00
67.25	0.00	0.00	0.00	0.00
67.50	0.00	0.00	0.00	0.00
67.75	0.00	0.00	0.00	0.00
68.00	0.00	0.00	0.00	0.00
68.25	0.00	0.00	0.00	0.00
68.50	0.00	0.00	0.00	0.00
68.75	0.00	0.00	0.00	0.00
69.00	0.00	0.00	0.00	0.00
69.25	0.00	0.00	0.00	0.00
69.50	0.00	0.00	0.00	0.00
69.75	0.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	0.00
70.25	0.00	0.00	0.00	0.00
70.50	0.00	0.00	0.00	0.00
70.75	0.00	0.00	0.00	0.00
71.00	0.00	0.00	0.00	0.00
71.25	0.00	0.00	0.00	0.00
71.50	0.00	0.00	0.00	0.00
71.75	0.00	0.00	0.00	0.00
72.00	0.00	0.00	0.00	0.00

THE MAXIMUM DISCHARGE FROM CROSS SECTION 25 IS: 0.00 CFS AT TIME: 0.00 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 0.00 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 25

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00

10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00
13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	0.00
13.75	0.00	0.00	0.00	0.00
14.00	0.00	0.00	0.00	0.00
14.25	0.00	0.00	0.00	0.00
14.50	0.00	0.00	0.00	0.00
14.75	0.00	0.00	0.00	0.00
15.00	0.00	0.00	0.00	0.00
15.25	0.00	0.00	0.00	0.00
15.50	0.00	0.00	0.00	0.00
15.75	0.00	0.00	0.00	0.00
16.00	0.00	0.00	0.00	0.00
16.25	0.00	0.00	0.00	0.00
16.50	0.00	0.00	0.00	0.00
16.75	0.00	0.00	0.00	0.00
17.00	0.00	0.00	0.00	0.00
17.25	0.00	0.00	0.00	0.00
17.50	0.00	0.00	0.00	0.00
17.75	0.00	0.00	0.00	0.00
18.00	0.00	0.00	0.00	0.00
18.25	0.00	0.00	0.00	0.00
18.50	0.00	0.00	0.00	0.00
18.75	0.00	0.00	0.00	0.00
19.00	0.00	0.00	0.00	0.00
19.25	0.00	0.00	0.00	0.00
19.50	0.00	0.00	0.00	0.00
19.75	0.00	0.00	0.00	0.00
20.00	0.00	0.00	0.00	0.00
20.25	0.00	0.00	0.00	0.00
20.50	0.00	0.00	0.00	0.00
20.75	0.00	0.00	0.00	0.00
21.00	0.00	0.00	0.00	0.00
21.25	0.00	0.00	0.00	0.00
21.50	0.00	0.00	0.00	0.00
21.75	0.00	0.00	0.00	0.00
22.00	0.00	0.00	0.00	0.00
22.25	0.00	0.00	0.00	0.00
22.50	0.00	0.00	0.00	0.00
22.75	0.00	0.00	0.00	0.00
23.00	0.00	0.00	0.00	0.00
23.25	0.00	0.00	0.00	0.00
23.50	0.00	0.00	0.00	0.00
23.75	0.00	0.00	0.00	0.00
24.00	0.00	0.00	0.00	0.00
24.25	0.00	0.00	0.00	0.00
24.50	0.00	0.00	0.00	0.00
24.75	0.00	0.00	0.00	0.00
25.00	0.00	0.00	0.00	0.00
25.25	0.00	0.00	0.00	0.00
25.50	0.00	0.00	0.00	0.00
25.75	0.00	0.00	0.00	0.00
26.00	0.00	0.00	0.00	0.00
26.25	0.00	0.00	0.00	0.00
26.50	0.00	0.00	0.00	0.00
26.75	0.00	0.00	0.00	0.00
27.00	0.00	0.00	0.00	0.00
27.25	0.00	0.00	0.00	0.00
27.50	0.00	0.00	0.00	0.00
27.75	0.00	0.00	0.00	0.00
28.00	0.00	0.00	0.00	0.00
28.25	0.00	0.00	0.00	0.00
28.50	0.00	0.00	0.00	0.00
28.75	0.00	0.00	0.00	0.00
29.00	0.00	0.00	0.00	0.00
29.25	0.00	0.00	0.00	0.00
29.50	0.00	0.00	0.00	0.00
29.75	0.00	0.00	0.00	0.00
30.00	0.00	0.00	0.00	0.00
30.25	0.00	0.00	0.00	0.00
30.50	0.00	0.00	0.00	0.00
30.75	0.00	0.00	0.00	0.00
31.00	0.00	0.00	0.00	0.00
31.25	0.00	0.00	0.00	0.00
31.50	0.00	0.00	0.00	0.00
31.75	0.00	0.00	0.00	0.00
32.00	0.00	0.00	0.00	0.00
32.25	0.00	0.00	0.00	0.00
32.50	0.00	0.00	0.00	0.00
32.75	0.00	0.00	0.00	0.00
33.00	0.00	0.00	0.00	0.00
33.25	0.00	0.00	0.00	0.00
33.50	0.00	0.00	0.00	0.00
33.75	0.00	0.00	0.00	0.00
34.00	0.00	0.00	0.00	0.00
34.25	0.00	0.00	0.00	0.00
34.50	0.00	0.00	0.00	0.00
34.75	0.00	0.00	0.00	0.00
35.00	0.00	0.00	0.00	0.00
35.25	0.00	0.00	0.00	0.00
35.50	0.00	0.00	0.00	0.00
35.75	0.00	0.00	0.00	0.00
36.00	0.00	0.00	0.00	0.00
36.25	0.00	0.00	0.00	0.00
36.50	0.00	0.00	0.00	0.00
36.75	0.00	0.00	0.00	0.00
37.00	0.00	0.00	0.00	0.00

37.25	0.00	0.00	0.00	0.00
37.50	0.00	0.00	0.00	0.00
37.75	0.00	0.00	0.00	0.00
38.00	0.00	0.00	0.00	0.00
38.25	0.00	0.00	0.00	0.00
38.50	0.00	0.00	0.00	0.00
38.75	0.00	0.00	0.00	0.00
39.00	0.00	0.00	0.00	0.00
39.25	0.00	0.00	0.00	0.00
39.50	0.00	0.00	0.00	0.00
39.75	0.00	0.00	0.00	0.00
40.00	0.00	0.00	0.00	0.00
40.25	0.00	0.00	0.00	0.00
40.50	0.00	0.00	0.00	0.00
40.75	0.00	0.00	0.00	0.00
41.00	0.00	0.00	0.00	0.00
41.25	0.00	0.00	0.00	0.00
41.50	0.00	0.00	0.00	0.00
41.75	0.00	0.00	0.00	0.00
42.00	0.00	0.00	0.00	0.00
42.25	0.00	0.00	0.00	0.00
42.50	0.00	0.00	0.00	0.00
42.75	0.00	0.00	0.00	0.00
43.00	0.00	0.00	0.00	0.00
43.25	0.00	0.00	0.00	0.00
43.50	0.00	0.00	0.00	0.00
43.75	0.00	0.00	0.00	0.00
44.00	0.00	0.00	0.00	0.00
44.25	0.00	0.00	0.00	0.00
44.50	0.00	0.00	0.00	0.00
44.75	0.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	0.00
45.25	0.00	0.00	0.00	0.00
45.50	0.00	0.00	0.00	0.00
45.75	0.00	0.00	0.00	0.00
46.00	0.00	0.00	0.00	0.00
46.25	0.00	0.00	0.00	0.00
46.50	0.00	0.00	0.00	0.00
46.75	0.00	0.00	0.00	0.00
47.00	0.00	0.00	0.00	0.00
47.25	0.00	0.00	0.00	0.00
47.50	0.00	0.00	0.00	0.00
47.75	0.00	0.00	0.00	0.00
48.00	0.00	0.00	0.00	0.00
48.25	0.00	0.00	0.00	0.00
48.50	0.00	0.00	0.00	0.00
48.75	0.00	0.00	0.00	0.00
49.00	0.00	0.00	0.00	0.00
49.25	0.00	0.00	0.00	0.00
49.50	0.00	0.00	0.00	0.00
49.75	0.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	0.00
50.25	0.00	0.00	0.00	0.00
50.50	0.00	0.00	0.00	0.00
50.75	0.00	0.00	0.00	0.00
51.00	0.00	0.00	0.00	0.00
51.25	0.00	0.00	0.00	0.00
51.50	0.00	0.00	0.00	0.00
51.75	0.00	0.00	0.00	0.00
52.00	0.00	0.00	0.00	0.00
52.25	0.00	0.00	0.00	0.00
52.50	0.00	0.00	0.00	0.00
52.75	0.00	0.00	0.00	0.00
53.00	0.00	0.00	0.00	0.00
53.25	0.00	0.00	0.00	0.00
53.50	0.00	0.00	0.00	0.00
53.75	0.00	0.00	0.00	0.00
54.00	0.00	0.00	0.00	0.00
54.25	0.00	0.00	0.00	0.00
54.50	0.00	0.00	0.00	0.00
54.75	0.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	0.00
55.25	0.00	0.00	0.00	0.00
55.50	0.00	0.00	0.00	0.00
55.75	0.00	0.00	0.00	0.00
56.00	0.00	0.00	0.00	0.00
56.25	0.00	0.00	0.00	0.00
56.50	0.00	0.00	0.00	0.00
56.75	0.00	0.00	0.00	0.00
57.00	0.00	0.00	0.00	0.00
57.25	0.00	0.00	0.00	0.00
57.50	0.00	0.00	0.00	0.00
57.75	0.00	0.00	0.00	0.00
58.00	0.00	0.00	0.00	0.00
58.25	0.00	0.00	0.00	0.00
58.50	0.00	0.00	0.00	0.00
58.75	0.00	0.00	0.00	0.00
59.00	0.00	0.00	0.00	0.00
59.25	0.00	0.00	0.00	0.00
59.50	0.00	0.00	0.00	0.00
59.75	0.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	0.00
60.25	0.00	0.00	0.00	0.00
60.50	0.00	0.00	0.00	0.00
60.75	0.00	0.00	0.00	0.00
61.00	0.00	0.00	0.00	0.00
61.25	0.00	0.00	0.00	0.00
61.50	0.00	0.00	0.00	0.00
61.75	0.00	0.00	0.00	0.00
62.00	0.00	0.00	0.00	0.00
62.25	0.00	0.00	0.00	0.00
62.50	0.00	0.00	0.00	0.00
62.75	0.00	0.00	0.00	0.00
63.00	0.00	0.00	0.00	0.00
63.25	0.00	0.00	0.00	0.00
63.50	0.00	0.00	0.00	0.00

63.75	0.00	0.00	0.00	0.00
64.00	0.00	0.00	0.00	0.00
64.25	0.00	0.00	0.00	0.00
64.50	0.00	0.00	0.00	0.00
64.75	0.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	0.00
65.25	0.00	0.00	0.00	0.00
65.50	0.00	0.00	0.00	0.00
65.75	0.00	0.00	0.00	0.00
66.00	0.00	0.00	0.00	0.00
66.25	0.00	0.00	0.00	0.00
66.50	0.00	0.00	0.00	0.00
66.75	0.00	0.00	0.00	0.00
67.00	0.00	0.00	0.00	0.00
67.25	0.00	0.00	0.00	0.00
67.50	0.00	0.00	0.00	0.00
67.75	0.00	0.00	0.00	0.00
68.00	0.00	0.00	0.00	0.00
68.25	0.00	0.00	0.00	0.00
68.50	0.00	0.00	0.00	0.00
68.75	0.00	0.00	0.00	0.00
69.00	0.00	0.00	0.00	0.00
69.25	0.00	0.00	0.00	0.00
69.50	0.00	0.00	0.00	0.00
69.75	0.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	0.00
70.25	0.00	0.00	0.00	0.00
70.50	0.00	0.00	0.00	0.00
70.75	0.00	0.00	0.00	0.00
71.00	0.00	0.00	0.00	0.00
71.25	0.00	0.00	0.00	0.00
71.50	0.00	0.00	0.00	0.00
71.75	0.00	0.00	0.00	0.00
72.00	0.00	0.00	0.00	0.00

THE MAXIMUM DISCHARGE FROM CROSS SECTION 28 IS: 147.27 CFS AT TIME: 21.18 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 66.00 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 28

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00
13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	0.00
13.75	0.00	0.00	0.00	0.00
14.00	0.00	0.00	0.00	0.00
14.25	0.00	0.00	0.00	0.00
14.50	0.00	0.00	0.00	0.00
14.75	0.00	0.00	0.00	0.00
15.00	0.00	0.00	0.00	0.00
15.25	0.00	0.00	0.00	0.00
15.50	0.00	0.00	0.00	0.00

15.75	0.00	0.00	0.00	0.00
16.00	0.00	0.00	0.00	0.00
16.25	0.00	0.00	0.00	0.00
16.50	0.00	0.00	0.00	0.00
16.75	0.00	0.00	0.00	0.00
17.00	0.00	0.00	0.00	0.00
17.25	0.00	0.00	0.00	0.00
17.50	0.00	0.00	0.00	0.00
17.75	0.00	0.00	0.00	0.00
18.00	0.00	0.00	0.00	0.00
18.25	0.00	0.00	0.00	0.00
18.50	0.00	0.00	0.00	0.00
18.75	0.00	0.00	0.00	0.00
19.00	0.00	0.00	0.00	0.00
19.25	0.00	0.00	0.00	0.00
19.50	0.00	0.00	0.00	0.00
19.75	0.00	0.00	0.00	0.00
20.00	0.00	0.00	0.00	0.00
20.25	0.00	0.00	0.00	0.00
20.50	150.00	0.09	9.12	125.93
20.75	300.00	0.12	3.82	131.91
21.00	450.00	0.16	2.01	145.89
21.25	525.00	0.18	1.54	143.84
21.50	525.00	0.17	1.51	138.80
21.75	600.00	0.18	1.22	131.51
22.00	525.00	0.17	1.41	126.52
22.25	600.00	0.17	1.13	117.83
22.50	600.00	0.17	1.13	113.30
22.75	600.00	0.16	1.08	104.82
23.00	600.00	0.16	1.06	98.91
23.25	450.00	0.13	1.61	93.91
23.50	525.00	0.13	1.24	87.05
23.75	600.00	0.13	1.09	83.29
24.00	450.00	0.12	1.50	79.05
24.25	450.00	0.11	1.41	72.12
24.50	375.00	0.10	1.83	68.25
24.75	300.00	0.09	2.48	63.45
25.00	225.00	0.07	3.61	59.18
25.25	375.00	0.09	1.69	55.70
25.50	450.00	0.10	1.25	53.99
25.75	225.00	0.07	3.49	51.54
26.00	375.00	0.08	1.56	47.31
26.25	375.00	0.08	1.57	45.94
26.50	375.00	0.07	1.52	42.44
26.75	375.00	0.07	1.41	38.50
27.00	375.00	0.07	1.38	37.23
27.25	300.00	0.06	1.85	33.75
27.50	450.00	0.08	0.97	33.63
27.75	450.00	0.08	0.90	30.71
28.00	225.00	0.05	2.85	30.84
28.25	225.00	0.05	2.74	29.22
28.50	225.00	0.05	2.65	27.85
28.75	225.00	0.05	2.33	24.15
29.00	150.00	0.04	4.65	25.35
29.25	150.00	0.04	4.40	23.85
29.50	300.00	0.05	1.50	24.28
29.75	300.00	0.05	1.39	22.84
30.00	225.00	0.05	2.37	24.18
30.25	150.00	0.04	3.65	19.91
30.50	300.00	0.05	1.24	20.33
30.75	225.00	0.04	1.95	19.72
31.00	225.00	0.05	2.00	20.38
31.25	300.00	0.05	1.29	20.92
31.50	150.00	0.04	3.97	21.54
31.75	375.00	0.06	0.77	18.17
32.00	225.00	0.04	2.07	20.75
32.25	150.00	0.04	3.54	18.57
32.50	225.00	0.04	1.89	18.67
32.75	225.00	0.04	1.83	17.99
33.00	150.00	0.03	3.53	18.07
33.25	225.00	0.04	1.73	16.62
33.50	300.00	0.05	0.99	15.24
33.75	150.00	0.03	2.96	14.55
34.00	225.00	0.04	1.54	14.31
34.25	375.00	0.06	0.66	14.08
34.50	150.00	0.03	3.34	14.54
34.75	300.00	0.05	0.90	12.51
35.00	225.00	0.04	1.50	12.32
35.25	300.00	0.05	0.83	11.23
35.50	150.00	0.03	2.69	10.57
35.75	150.00	0.03	2.50	9.63
36.00	150.00	0.03	2.45	9.23
36.25	75.00	0.02	6.93	8.78
36.50	150.00	0.02	1.91	6.82
36.75	150.00	0.02	2.51	7.46
37.00	150.00	0.02	2.42	6.95
37.25	150.00	0.02	2.18	6.80
37.50	75.00	0.01	8.33	6.59
37.75	75.00	0.01	8.17	6.32
38.00	75.00	0.01	8.30	6.26
38.25	225.00	0.03	0.94	5.77
38.50	75.00	0.01	7.65	5.74
38.75	75.00	0.01	7.62	5.75
39.00	150.00	0.02	1.66	4.99
39.25	150.00	0.02	1.06	2.91
39.50	300.00	0.04	0.33	3.57
39.75	150.00	0.02	0.60	1.64
40.00	75.00	0.01	4.07	2.78
40.25	75.00	0.01	3.76	2.58
40.50	75.00	0.01	1.77	1.33
40.75	150.00	0.02	0.44	1.20
41.00	75.00	0.01	0.73	0.55
41.25	0.00	0.00	0.00	2.09
41.50	0.00	0.00	0.00	2.96
41.75	0.00	0.00	0.00	1.57
42.00	0.00	0.00	0.00	0.00

42.25	0.00	0.00	0.00	1.58
42.50	0.00	0.00	0.00	0.00
42.75	0.00	0.00	0.00	0.00
43.00	0.00	0.00	0.00	1.18
43.25	75.00	0.01	0.52	0.39
43.50	0.00	0.00	0.00	0.00
43.75	0.00	0.00	0.00	0.00
44.00	0.00	0.00	0.00	0.00
44.25	0.00	0.00	0.00	0.00
44.50	0.00	0.00	0.00	0.00
44.75	0.00	0.00	0.00	1.58
45.00	0.00	0.00	0.00	0.00
45.25	0.00	0.00	0.00	0.00
45.50	0.00	0.00	0.00	0.00
45.75	0.00	0.00	0.00	0.00
46.00	0.00	0.00	0.00	0.00
46.25	0.00	0.00	0.00	0.00
46.50	0.00	0.00	0.00	0.00
46.75	0.00	0.00	0.00	0.00
47.00	0.00	0.00	0.00	0.47
47.25	0.00	0.00	0.00	0.00
47.50	0.00	0.00	0.00	0.00
47.75	0.00	0.00	0.00	0.00
48.00	0.00	0.00	0.00	0.00
48.25	0.00	0.00	0.00	0.00
48.50	0.00	0.00	0.00	0.00
48.75	0.00	0.00	0.00	0.00
49.00	0.00	0.00	0.00	0.00
49.25	0.00	0.00	0.00	0.00
49.50	0.00	0.00	0.00	0.00
49.75	0.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	0.00
50.25	0.00	0.00	0.00	0.00
50.50	0.00	0.00	0.00	0.00
50.75	0.00	0.00	0.00	0.00
51.00	0.00	0.00	0.00	0.00
51.25	0.00	0.00	0.00	0.00
51.50	0.00	0.00	0.00	0.00
51.75	0.00	0.00	0.00	0.00
52.00	0.00	0.00	0.00	0.00
52.25	0.00	0.00	0.00	0.00
52.50	0.00	0.00	0.00	0.00
52.75	0.00	0.00	0.00	0.00
53.00	0.00	0.00	0.00	0.00
53.25	0.00	0.00	0.00	0.00
53.50	0.00	0.00	0.00	0.00
53.75	0.00	0.00	0.00	0.00
54.00	0.00	0.00	0.00	0.00
54.25	0.00	0.00	0.00	0.00
54.50	0.00	0.00	0.00	0.00
54.75	0.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	0.00
55.25	0.00	0.00	0.00	0.00
55.50	0.00	0.00	0.00	0.00
55.75	0.00	0.00	0.00	0.00
56.00	0.00	0.00	0.00	0.00
56.25	0.00	0.00	0.00	0.00
56.50	0.00	0.00	0.00	0.00
56.75	0.00	0.00	0.00	0.00
57.00	0.00	0.00	0.00	0.00
57.25	0.00	0.00	0.00	0.00
57.50	0.00	0.00	0.00	0.00
57.75	0.00	0.00	0.00	0.00
58.00	0.00	0.00	0.00	0.00
58.25	0.00	0.00	0.00	0.00
58.50	0.00	0.00	0.00	0.00
58.75	0.00	0.00	0.00	0.00
59.00	0.00	0.00	0.00	0.00
59.25	0.00	0.00	0.00	0.00
59.50	0.00	0.00	0.00	0.00
59.75	0.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	0.00
60.25	0.00	0.00	0.00	0.00
60.50	0.00	0.00	0.00	0.00
60.75	0.00	0.00	0.00	0.00
61.00	0.00	0.00	0.00	0.00
61.25	0.00	0.00	0.00	0.00
61.50	0.00	0.00	0.00	0.00
61.75	0.00	0.00	0.00	0.00
62.00	0.00	0.00	0.00	0.00
62.25	0.00	0.00	0.00	0.00
62.50	0.00	0.00	0.00	0.00
62.75	0.00	0.00	0.00	0.00
63.00	0.00	0.00	0.00	0.00
63.25	0.00	0.00	0.00	0.00
63.50	0.00	0.00	0.00	0.00
63.75	0.00	0.00	0.00	0.00
64.00	0.00	0.00	0.00	0.00
64.25	0.00	0.00	0.00	0.00
64.50	0.00	0.00	0.00	0.00
64.75	0.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	0.00
65.25	0.00	0.00	0.00	0.00
65.50	0.00	0.00	0.00	0.00
65.75	0.00	0.00	0.00	0.00
66.00	0.00	0.00	0.00	0.00
66.25	0.00	0.00	0.00	0.00
66.50	0.00	0.00	0.00	0.00
66.75	0.00	0.00	0.00	0.00
67.00	0.00	0.00	0.00	0.00
67.25	0.00	0.00	0.00	0.00
67.50	0.00	0.00	0.00	0.00
67.75	0.00	0.00	0.00	0.00
68.00	0.00	0.00	0.00	0.00
68.25	0.00	0.00	0.00	0.00
68.50	0.00	0.00	0.00	0.00

68.75	0.00	0.00	0.00	0.00
69.00	0.00	0.00	0.00	0.00
69.25	0.00	0.00	0.00	0.00
69.50	0.00	0.00	0.00	0.00
69.75	0.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	0.00
70.25	0.00	0.00	0.00	0.00
70.50	0.00	0.00	0.00	0.00
70.75	0.00	0.00	0.00	0.00
71.00	0.00	0.00	0.00	0.00
71.25	0.00	0.00	0.00	0.00
71.50	0.00	0.00	0.00	0.00
71.75	0.00	0.00	0.00	0.00
72.00	0.00	0.00	0.00	0.00

THE MAXIMUM DISCHARGE FROM CROSS SECTION 30 IS: 8.36 CFS AT TIME: 25.18 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 5.94 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 30

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00
13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	0.00
13.75	0.00	0.00	0.00	0.00
14.00	0.00	0.00	0.00	0.00
14.25	0.00	0.00	0.00	0.00
14.50	0.00	0.00	0.00	0.00
14.75	0.00	0.00	0.00	0.00
15.00	0.00	0.00	0.00	0.00
15.25	0.00	0.00	0.00	0.00
15.50	0.00	0.00	0.00	0.00
15.75	0.00	0.00	0.00	0.00
16.00	0.00	0.00	0.00	0.00
16.25	0.00	0.00	0.00	0.00
16.50	0.00	0.00	0.00	0.00
16.75	0.00	0.00	0.00	0.00
17.00	0.00	0.00	0.00	0.00
17.25	0.00	0.00	0.00	0.00
17.50	0.00	0.00	0.00	0.00
17.75	0.00	0.00	0.00	0.00
18.00	0.00	0.00	0.00	0.00
18.25	0.00	0.00	0.00	0.00
18.50	0.00	0.00	0.00	0.00
18.75	0.00	0.00	0.00	0.00
19.00	0.00	0.00	0.00	0.00
19.25	0.00	0.00	0.00	0.00
19.50	0.00	0.00	0.00	0.00
19.75	0.00	0.00	0.00	0.00
20.00	0.00	0.00	0.00	0.00
20.25	0.00	0.00	0.00	0.00
20.50	0.00	0.00	0.00	0.00

20.75	0.00	0.00	0.00	0.00
21.00	0.00	0.00	0.00	0.00
21.25	0.00	0.00	0.00	0.00
21.50	0.00	0.00	0.00	0.00
21.75	0.00	0.00	0.00	0.00
22.00	0.00	0.00	0.00	0.00
22.25	0.00	0.00	0.00	0.00
22.50	0.00	0.00	0.00	0.00
22.75	0.00	0.00	0.00	0.00
23.00	0.00	0.00	0.00	0.00
23.25	0.00	0.00	0.00	0.00
23.50	0.00	0.00	0.00	0.00
23.75	0.00	0.00	0.00	0.00
24.00	75.00	0.02	0.84	0.97
24.25	150.00	0.03	1.41	6.23
24.50	225.00	0.04	0.90	7.31
24.75	225.00	0.04	0.90	7.94
25.00	225.00	0.04	0.90	8.31
25.25	225.00	0.04	0.90	8.35
25.50	225.00	0.04	0.90	8.27
25.75	225.00	0.04	0.89	8.12
26.00	225.00	0.04	0.88	7.97
26.25	225.00	0.04	0.88	7.83
26.50	225.00	0.04	0.82	7.25
26.75	225.00	0.04	0.80	6.92
27.00	225.00	0.04	0.86	7.29
27.25	225.00	0.04	0.79	6.61
27.50	225.00	0.04	0.74	6.10
27.75	225.00	0.04	0.83	6.55
28.00	225.00	0.03	0.70	5.43
28.25	225.00	0.03	0.69	5.22
28.50	225.00	0.03	0.68	5.07
28.75	225.00	0.03	0.79	5.74
29.00	225.00	0.03	0.66	4.81
29.25	225.00	0.03	0.67	4.80
29.50	225.00	0.03	0.57	4.06
29.75	225.00	0.03	0.56	3.95
30.00	225.00	0.03	0.65	4.42
30.25	150.00	0.02	1.29	4.43
30.50	150.00	0.02	1.21	4.48
30.75	150.00	0.02	1.11	3.79
31.00	150.00	0.02	1.30	4.44
31.25	150.00	0.02	1.30	4.42
31.50	225.00	0.03	0.46	3.16
31.75	150.00	0.02	0.87	3.18
32.00	150.00	0.02	1.27	4.28
32.25	75.00	0.02	3.34	4.35
32.50	225.00	0.03	0.64	4.29
32.75	150.00	0.02	1.28	4.26
33.00	75.00	0.02	3.33	4.28
33.25	150.00	0.02	1.27	4.21
33.50	225.00	0.03	0.46	3.08
33.75	225.00	0.03	0.45	3.00
34.00	150.00	0.02	1.28	4.20
34.25	150.00	0.02	0.96	3.39
34.50	150.00	0.02	0.84	2.95
34.75	150.00	0.02	1.07	3.44
35.00	150.00	0.02	0.95	3.28
35.25	150.00	0.02	0.82	2.82
35.50	225.00	0.03	0.59	3.78
35.75	225.00	0.03	0.32	2.02
36.00	150.00	0.02	0.99	3.00
36.25	225.00	0.03	0.30	1.85
36.50	150.00	0.02	0.97	2.85
36.75	150.00	0.02	0.64	1.72
37.00	150.00	0.02	0.64	1.71
37.25	75.00	0.01	2.22	1.71
37.50	75.00	0.01	2.22	1.68
37.75	75.00	0.01	2.85	2.12
38.00	150.00	0.02	0.87	2.08
38.25	150.00	0.02	0.41	0.96
38.50	150.00	0.02	0.37	0.92
38.75	150.00	0.02	0.85	1.98
39.00	150.00	0.02	0.60	1.51
39.25	75.00	0.01	2.87	1.96
39.50	75.00	0.01	1.59	1.09
39.75	75.00	0.01	1.40	0.87
40.00	150.00	0.02	0.31	0.79
40.25	75.00	0.00	0.00	0.00
40.50	75.00	0.01	1.14	0.78
40.75	0.00	0.00	0.00	1.47
41.00	75.00	0.00	0.00	0.00
41.25	150.00	0.02	0.31	0.79
41.50	0.00	0.00	0.00	0.84
41.75	75.00	0.01	2.06	1.40
42.00	0.00	0.00	0.00	1.88
42.25	75.00	0.00	0.00	0.00
42.50	75.00	0.00	0.00	0.00
42.75	0.00	0.00	0.00	0.78
43.00	75.00	0.00	0.00	0.00
43.25	75.00	0.00	0.00	0.00
43.50	0.00	0.00	0.00	0.78
43.75	0.00	0.00	0.00	0.00
44.00	75.00	0.00	0.00	0.00
44.25	0.00	0.00	0.00	0.00
44.50	75.00	0.00	0.00	0.00
44.75	0.00	0.00	0.00	0.78
45.00	0.00	0.00	0.00	0.78
45.25	75.00	0.00	0.00	0.00
45.50	0.00	0.00	0.00	0.00
45.75	0.00	0.00	0.00	0.78
46.00	0.00	0.00	0.00	0.00
46.25	0.00	0.00	0.00	0.78
46.50	0.00	0.00	0.00	0.00
46.75	0.00	0.00	0.00	0.78
47.00	0.00	0.00	0.00	0.00

47.25	75.00	0.00	0.00	0.00
47.50	0.00	0.00	0.00	0.00
47.75	0.00	0.00	0.00	0.00
48.00	0.00	0.00	0.00	0.78
48.25	75.00	0.00	0.00	0.00
48.50	0.00	0.00	0.00	0.00
48.75	75.00	0.00	0.00	0.00
49.00	0.00	0.00	0.00	0.00
49.25	0.00	0.00	0.00	0.00
49.50	0.00	0.00	0.00	0.00
49.75	0.00	0.00	0.00	0.78
50.00	0.00	0.00	0.00	0.00
50.25	0.00	0.00	0.00	0.00
50.50	75.00	0.00	0.00	0.00
50.75	0.00	0.00	0.00	0.00
51.00	0.00	0.00	0.00	0.00
51.25	150.00	0.00	0.00	0.00
51.50	0.00	0.00	0.00	0.00
51.75	0.00	0.00	0.00	0.00
52.00	0.00	0.00	0.00	0.00
52.25	0.00	0.00	0.00	0.00
52.50	75.00	0.00	0.00	0.00
52.75	0.00	0.00	0.00	0.00
53.00	0.00	0.00	0.00	0.00
53.25	75.00	0.00	0.00	0.00
53.50	0.00	0.00	0.00	0.00
53.75	0.00	0.00	0.00	0.00
54.00	0.00	0.00	0.00	0.00
54.25	0.00	0.00	0.00	0.00
54.50	0.00	0.00	0.00	0.00
54.75	0.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	0.00
55.25	0.00	0.00	0.00	0.00
55.50	0.00	0.00	0.00	0.00
55.75	0.00	0.00	0.00	0.00
56.00	0.00	0.00	0.00	0.00
56.25	0.00	0.00	0.00	0.00
56.50	0.00	0.00	0.00	0.00
56.75	0.00	0.00	0.00	0.00
57.00	0.00	0.00	0.00	0.00
57.25	0.00	0.00	0.00	0.00
57.50	0.00	0.00	0.00	0.00
57.75	0.00	0.00	0.00	0.00
58.00	0.00	0.00	0.00	0.00
58.25	0.00	0.00	0.00	0.00
58.50	0.00	0.00	0.00	0.00
58.75	0.00	0.00	0.00	0.00
59.00	0.00	0.00	0.00	0.00
59.25	0.00	0.00	0.00	0.00
59.50	0.00	0.00	0.00	0.00
59.75	0.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	0.00
60.25	0.00	0.00	0.00	0.00
60.50	0.00	0.00	0.00	0.00
60.75	0.00	0.00	0.00	0.00
61.00	0.00	0.00	0.00	0.00
61.25	0.00	0.00	0.00	0.00
61.50	0.00	0.00	0.00	0.00
61.75	0.00	0.00	0.00	0.00
62.00	0.00	0.00	0.00	0.00
62.25	0.00	0.00	0.00	0.00
62.50	0.00	0.00	0.00	0.00
62.75	0.00	0.00	0.00	0.00
63.00	0.00	0.00	0.00	0.00
63.25	0.00	0.00	0.00	0.00
63.50	0.00	0.00	0.00	0.00
63.75	0.00	0.00	0.00	0.00
64.00	0.00	0.00	0.00	0.00
64.25	0.00	0.00	0.00	0.00
64.50	0.00	0.00	0.00	0.00
64.75	0.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	0.00
65.25	0.00	0.00	0.00	0.00
65.50	0.00	0.00	0.00	0.00
65.75	0.00	0.00	0.00	0.00
66.00	0.00	0.00	0.00	0.00
66.25	0.00	0.00	0.00	0.00
66.50	0.00	0.00	0.00	0.00
66.75	0.00	0.00	0.00	0.00
67.00	0.00	0.00	0.00	0.00
67.25	0.00	0.00	0.00	0.00
67.50	0.00	0.00	0.00	0.00
67.75	0.00	0.00	0.00	0.00
68.00	0.00	0.00	0.00	0.00
68.25	0.00	0.00	0.00	0.00
68.50	0.00	0.00	0.00	0.00
68.75	0.00	0.00	0.00	0.00
69.00	0.00	0.00	0.00	0.00
69.25	0.00	0.00	0.00	0.00
69.50	0.00	0.00	0.00	0.00
69.75	0.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	0.00
70.25	0.00	0.00	0.00	0.00
70.50	0.00	0.00	0.00	0.00
70.75	0.00	0.00	0.00	0.00
71.00	0.00	0.00	0.00	0.00
71.25	0.00	0.00	0.00	0.00
71.50	0.00	0.00	0.00	0.00
71.75	0.00	0.00	0.00	0.00
72.00	0.00	0.00	0.00	0.00

24-Hour, 2-Year HYCROSS.OUT

THE MAXIMUM DISCHARGE FROM CROSS SECTION 1 IS: 263.52 CFS AT TIME: 18.82 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 23.50 AF

NOTE: THE MAXIMUM DISCHARGE AT THIS CROSS SECTION INCLUDES THE CHANNEL DISCHARGE
THE HYDRAULIC VARIABLES IN THE TABLE BELOW ARE COMPUTED FOR THE FLOODPLAIN FLOW (DEPTH > TOL) ONLY
IF THE HYDRAULIC VARIABLES ARE ZERO IN THE TABLE BELOW, ALL THE DISCHARGE IS IN THE CHANNEL

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 1

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00
13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	0.00
13.75	0.00	0.00	0.00	0.00
14.00	0.00	0.00	0.00	0.00
14.25	0.00	0.00	0.00	0.00
14.50	0.00	0.00	0.00	0.00
14.75	0.00	0.00	0.00	0.00
15.00	0.00	0.00	0.00	13.33
15.25	0.00	0.00	0.00	33.13
15.50	0.00	0.00	0.00	0.00
15.75	0.00	0.00	0.00	0.00
16.00	0.00	0.00	0.00	0.00
16.25	0.00	0.00	0.00	0.00
16.50	0.00	0.00	0.00	81.68
16.75	0.00	0.00	0.00	28.48
17.00	0.00	0.00	0.00	15.14
17.25	0.00	0.00	0.00	33.16
17.50	0.00	0.00	0.00	47.49
17.75	0.00	0.00	0.00	0.00
18.00	0.00	0.00	0.00	0.00
18.25	0.00	0.00	0.00	50.09
18.50	0.00	0.00	0.00	176.42
18.75	0.00	0.00	0.00	209.25
19.00	0.00	0.00	0.00	184.63
19.25	0.00	0.00	0.00	119.33
19.50	0.00	0.00	0.00	62.88
19.75	0.00	0.00	0.00	0.00
20.00	0.00	0.00	0.00	0.00
20.25	0.00	0.00	0.00	0.00
20.50	0.00	0.00	0.00	0.00
20.75	0.00	0.00	0.00	0.00
21.00	0.00	0.00	0.00	0.00
21.25	0.00	0.00	0.00	0.00
21.50	0.00	0.00	0.00	0.00
21.75	0.00	0.00	0.00	0.00
22.00	0.00	0.00	0.00	0.00
22.25	0.00	0.00	0.00	0.00
22.50	0.00	0.00	0.00	0.00
22.75	0.00	0.00	0.00	0.00
23.00	0.00	0.00	0.00	0.00

23.25	0.00	0.00	0.00	0.00
23.50	0.00	0.00	0.00	0.00
23.75	0.00	0.00	0.00	0.00
24.00	0.00	0.00	0.00	0.00
24.25	0.00	0.00	0.00	0.00
24.50	0.00	0.00	0.00	0.00
24.75	0.00	0.00	0.00	0.00
25.00	0.00	0.00	0.00	0.00
25.25	0.00	0.00	0.00	0.00
25.50	0.00	0.00	0.00	0.00
25.75	0.00	0.00	0.00	0.00
26.00	0.00	0.00	0.00	0.00
26.25	0.00	0.00	0.00	0.00
26.50	0.00	0.00	0.00	0.00
26.75	0.00	0.00	0.00	0.00
27.00	0.00	0.00	0.00	0.00
27.25	0.00	0.00	0.00	0.00
27.50	0.00	0.00	0.00	0.00
27.75	0.00	0.00	0.00	0.00
28.00	0.00	0.00	0.00	0.00
28.25	0.00	0.00	0.00	0.00
28.50	0.00	0.00	0.00	0.00
28.75	0.00	0.00	0.00	0.00
29.00	0.00	0.00	0.00	0.00
29.25	0.00	0.00	0.00	0.00
29.50	0.00	0.00	0.00	0.00
29.75	0.00	0.00	0.00	0.00
30.00	0.00	0.00	0.00	0.00
30.25	0.00	0.00	0.00	0.00
30.50	0.00	0.00	0.00	0.00
30.75	0.00	0.00	0.00	0.00
31.00	0.00	0.00	0.00	0.00
31.25	0.00	0.00	0.00	0.00
31.50	0.00	0.00	0.00	0.00
31.75	0.00	0.00	0.00	0.00
32.00	0.00	0.00	0.00	0.00
32.25	0.00	0.00	0.00	0.00
32.50	0.00	0.00	0.00	0.00
32.75	0.00	0.00	0.00	0.00
33.00	0.00	0.00	0.00	0.00
33.25	0.00	0.00	0.00	0.00
33.50	0.00	0.00	0.00	0.00
33.75	0.00	0.00	0.00	0.00
34.00	0.00	0.00	0.00	0.00
34.25	0.00	0.00	0.00	0.00
34.50	0.00	0.00	0.00	0.00
34.75	0.00	0.00	0.00	0.00
35.00	0.00	0.00	0.00	0.00
35.25	0.00	0.00	0.00	0.00
35.50	0.00	0.00	0.00	0.00
35.75	0.00	0.00	0.00	0.00
36.00	0.00	0.00	0.00	0.00
36.25	0.00	0.00	0.00	0.00
36.50	0.00	0.00	0.00	0.00
36.75	0.00	0.00	0.00	0.00
37.00	0.00	0.00	0.00	0.00
37.25	0.00	0.00	0.00	0.00
37.50	0.00	0.00	0.00	0.00
37.75	0.00	0.00	0.00	0.00
38.00	0.00	0.00	0.00	0.00
38.25	0.00	0.00	0.00	0.00
38.50	0.00	0.00	0.00	0.00
38.75	0.00	0.00	0.00	0.00
39.00	0.00	0.00	0.00	0.00
39.25	0.00	0.00	0.00	0.00
39.50	0.00	0.00	0.00	0.00
39.75	0.00	0.00	0.00	0.00
40.00	0.00	0.00	0.00	0.00
40.25	0.00	0.00	0.00	0.00
40.50	0.00	0.00	0.00	0.00
40.75	0.00	0.00	0.00	0.00
41.00	0.00	0.00	0.00	0.00
41.25	0.00	0.00	0.00	0.00
41.50	0.00	0.00	0.00	0.00
41.75	0.00	0.00	0.00	0.00
42.00	0.00	0.00	0.00	0.00
42.25	0.00	0.00	0.00	0.00
42.50	0.00	0.00	0.00	0.00
42.75	0.00	0.00	0.00	0.00
43.00	0.00	0.00	0.00	0.00
43.25	0.00	0.00	0.00	0.00
43.50	0.00	0.00	0.00	0.00
43.75	0.00	0.00	0.00	0.00
44.00	0.00	0.00	0.00	0.00
44.25	0.00	0.00	0.00	0.00
44.50	0.00	0.00	0.00	0.00
44.75	0.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	0.00
45.25	0.00	0.00	0.00	0.00
45.50	0.00	0.00	0.00	0.00
45.75	0.00	0.00	0.00	0.00
46.00	0.00	0.00	0.00	0.00
46.25	0.00	0.00	0.00	0.00
46.50	0.00	0.00	0.00	0.00
46.75	0.00	0.00	0.00	0.00
47.00	0.00	0.00	0.00	0.00
47.25	0.00	0.00	0.00	0.00
47.50	0.00	0.00	0.00	0.00
47.75	0.00	0.00	0.00	0.00
48.00	0.00	0.00	0.00	0.00
48.25	0.00	0.00	0.00	0.00
48.50	0.00	0.00	0.00	0.00
48.75	0.00	0.00	0.00	0.00
49.00	0.00	0.00	0.00	0.00
49.25	0.00	0.00	0.00	0.00
49.50	0.00	0.00	0.00	0.00

49.75	0.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	0.00
50.25	0.00	0.00	0.00	0.00
50.50	0.00	0.00	0.00	0.00
50.75	0.00	0.00	0.00	0.00
51.00	0.00	0.00	0.00	0.00
51.25	0.00	0.00	0.00	0.00
51.50	0.00	0.00	0.00	0.00
51.75	0.00	0.00	0.00	0.00
52.00	0.00	0.00	0.00	0.00
52.25	0.00	0.00	0.00	0.00
52.50	0.00	0.00	0.00	0.00
52.75	0.00	0.00	0.00	0.00
53.00	0.00	0.00	0.00	0.00
53.25	0.00	0.00	0.00	0.00
53.50	0.00	0.00	0.00	0.00
53.75	0.00	0.00	0.00	0.00
54.00	0.00	0.00	0.00	0.00
54.25	0.00	0.00	0.00	0.00
54.50	0.00	0.00	0.00	0.00
54.75	0.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	0.00
55.25	0.00	0.00	0.00	0.00
55.50	0.00	0.00	0.00	0.00
55.75	0.00	0.00	0.00	0.00
56.00	0.00	0.00	0.00	0.00
56.25	0.00	0.00	0.00	0.00
56.50	0.00	0.00	0.00	0.00
56.75	0.00	0.00	0.00	0.00
57.00	0.00	0.00	0.00	0.00
57.25	0.00	0.00	0.00	0.00
57.50	0.00	0.00	0.00	0.00
57.75	0.00	0.00	0.00	0.00
58.00	0.00	0.00	0.00	0.00
58.25	0.00	0.00	0.00	0.00
58.50	0.00	0.00	0.00	0.00
58.75	0.00	0.00	0.00	0.00
59.00	0.00	0.00	0.00	0.00
59.25	0.00	0.00	0.00	0.00
59.50	0.00	0.00	0.00	0.00
59.75	0.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	0.00
60.25	0.00	0.00	0.00	0.00
60.50	0.00	0.00	0.00	0.00
60.75	0.00	0.00	0.00	0.00
61.00	0.00	0.00	0.00	0.00
61.25	0.00	0.00	0.00	0.00
61.50	0.00	0.00	0.00	0.00
61.75	0.00	0.00	0.00	0.00
62.00	0.00	0.00	0.00	0.00
62.25	0.00	0.00	0.00	0.00
62.50	0.00	0.00	0.00	0.00
62.75	0.00	0.00	0.00	0.00
63.00	0.00	0.00	0.00	0.00
63.25	0.00	0.00	0.00	0.00
63.50	0.00	0.00	0.00	0.00
63.75	0.00	0.00	0.00	0.00
64.00	0.00	0.00	0.00	0.00
64.25	0.00	0.00	0.00	0.00
64.50	0.00	0.00	0.00	0.00
64.75	0.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	0.00
65.25	0.00	0.00	0.00	0.00
65.50	0.00	0.00	0.00	0.00
65.75	0.00	0.00	0.00	0.00
66.00	0.00	0.00	0.00	0.00
66.25	0.00	0.00	0.00	0.00
66.50	0.00	0.00	0.00	0.00
66.75	0.00	0.00	0.00	0.00
67.00	0.00	0.00	0.00	0.00
67.25	0.00	0.00	0.00	0.00
67.50	0.00	0.00	0.00	0.00
67.75	0.00	0.00	0.00	0.00
68.00	0.00	0.00	0.00	0.00
68.25	0.00	0.00	0.00	0.00
68.50	0.00	0.00	0.00	0.00
68.75	0.00	0.00	0.00	0.00
69.00	0.00	0.00	0.00	0.00
69.25	0.00	0.00	0.00	0.00
69.50	0.00	0.00	0.00	0.00
69.75	0.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	0.00
70.25	0.00	0.00	0.00	0.00
70.50	0.00	0.00	0.00	0.00
70.75	0.00	0.00	0.00	0.00
71.00	0.00	0.00	0.00	0.00
71.25	0.00	0.00	0.00	0.00
71.50	0.00	0.00	0.00	0.00
71.75	0.00	0.00	0.00	0.00
72.00	0.00	0.00	0.00	0.00

THE MAXIMUM DISCHARGE FROM CROSS SECTION 2 IS: 0.00 CFS AT TIME: 0.00 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 0.00 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 2

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00

1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00
13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	0.00
13.75	0.00	0.00	0.00	0.00
14.00	0.00	0.00	0.00	0.00
14.25	0.00	0.00	0.00	0.00
14.50	0.00	0.00	0.00	0.00
14.75	0.00	0.00	0.00	0.00
15.00	0.00	0.00	0.00	0.00
15.25	0.00	0.00	0.00	0.00
15.50	0.00	0.00	0.00	0.00
15.75	0.00	0.00	0.00	0.00
16.00	0.00	0.00	0.00	0.00
16.25	0.00	0.00	0.00	0.00
16.50	0.00	0.00	0.00	0.00
16.75	0.00	0.00	0.00	0.00
17.00	0.00	0.00	0.00	0.00
17.25	0.00	0.00	0.00	0.00
17.50	0.00	0.00	0.00	0.00
17.75	0.00	0.00	0.00	0.00
18.00	0.00	0.00	0.00	0.00
18.25	0.00	0.00	0.00	0.00
18.50	0.00	0.00	0.00	0.00
18.75	0.00	0.00	0.00	0.00
19.00	0.00	0.00	0.00	0.00
19.25	0.00	0.00	0.00	0.00
19.50	0.00	0.00	0.00	0.00
19.75	0.00	0.00	0.00	0.00
20.00	0.00	0.00	0.00	0.00
20.25	0.00	0.00	0.00	0.00
20.50	0.00	0.00	0.00	0.00
20.75	0.00	0.00	0.00	0.00
21.00	0.00	0.00	0.00	0.00
21.25	0.00	0.00	0.00	0.00
21.50	0.00	0.00	0.00	0.00
21.75	0.00	0.00	0.00	0.00
22.00	0.00	0.00	0.00	0.00
22.25	0.00	0.00	0.00	0.00
22.50	0.00	0.00	0.00	0.00
22.75	0.00	0.00	0.00	0.00
23.00	0.00	0.00	0.00	0.00
23.25	0.00	0.00	0.00	0.00
23.50	0.00	0.00	0.00	0.00
23.75	0.00	0.00	0.00	0.00
24.00	0.00	0.00	0.00	0.00
24.25	0.00	0.00	0.00	0.00
24.50	0.00	0.00	0.00	0.00
24.75	0.00	0.00	0.00	0.00
25.00	0.00	0.00	0.00	0.00
25.25	0.00	0.00	0.00	0.00
25.50	0.00	0.00	0.00	0.00
25.75	0.00	0.00	0.00	0.00
26.00	0.00	0.00	0.00	0.00
26.25	0.00	0.00	0.00	0.00
26.50	0.00	0.00	0.00	0.00
26.75	0.00	0.00	0.00	0.00
27.00	0.00	0.00	0.00	0.00
27.25	0.00	0.00	0.00	0.00
27.50	0.00	0.00	0.00	0.00
27.75	0.00	0.00	0.00	0.00

28.00	0.00	0.00	0.00	0.00
28.25	0.00	0.00	0.00	0.00
28.50	0.00	0.00	0.00	0.00
28.75	0.00	0.00	0.00	0.00
29.00	0.00	0.00	0.00	0.00
29.25	0.00	0.00	0.00	0.00
29.50	0.00	0.00	0.00	0.00
29.75	0.00	0.00	0.00	0.00
30.00	0.00	0.00	0.00	0.00
30.25	0.00	0.00	0.00	0.00
30.50	0.00	0.00	0.00	0.00
30.75	0.00	0.00	0.00	0.00
31.00	0.00	0.00	0.00	0.00
31.25	0.00	0.00	0.00	0.00
31.50	0.00	0.00	0.00	0.00
31.75	0.00	0.00	0.00	0.00
32.00	0.00	0.00	0.00	0.00
32.25	0.00	0.00	0.00	0.00
32.50	0.00	0.00	0.00	0.00
32.75	0.00	0.00	0.00	0.00
33.00	0.00	0.00	0.00	0.00
33.25	0.00	0.00	0.00	0.00
33.50	0.00	0.00	0.00	0.00
33.75	0.00	0.00	0.00	0.00
34.00	0.00	0.00	0.00	0.00
34.25	0.00	0.00	0.00	0.00
34.50	0.00	0.00	0.00	0.00
34.75	0.00	0.00	0.00	0.00
35.00	0.00	0.00	0.00	0.00
35.25	0.00	0.00	0.00	0.00
35.50	0.00	0.00	0.00	0.00
35.75	0.00	0.00	0.00	0.00
36.00	0.00	0.00	0.00	0.00
36.25	0.00	0.00	0.00	0.00
36.50	0.00	0.00	0.00	0.00
36.75	0.00	0.00	0.00	0.00
37.00	0.00	0.00	0.00	0.00
37.25	0.00	0.00	0.00	0.00
37.50	0.00	0.00	0.00	0.00
37.75	0.00	0.00	0.00	0.00
38.00	0.00	0.00	0.00	0.00
38.25	0.00	0.00	0.00	0.00
38.50	0.00	0.00	0.00	0.00
38.75	0.00	0.00	0.00	0.00
39.00	0.00	0.00	0.00	0.00
39.25	0.00	0.00	0.00	0.00
39.50	0.00	0.00	0.00	0.00
39.75	0.00	0.00	0.00	0.00
40.00	0.00	0.00	0.00	0.00
40.25	0.00	0.00	0.00	0.00
40.50	0.00	0.00	0.00	0.00
40.75	0.00	0.00	0.00	0.00
41.00	0.00	0.00	0.00	0.00
41.25	0.00	0.00	0.00	0.00
41.50	0.00	0.00	0.00	0.00
41.75	0.00	0.00	0.00	0.00
42.00	0.00	0.00	0.00	0.00
42.25	0.00	0.00	0.00	0.00
42.50	0.00	0.00	0.00	0.00
42.75	0.00	0.00	0.00	0.00
43.00	0.00	0.00	0.00	0.00
43.25	0.00	0.00	0.00	0.00
43.50	0.00	0.00	0.00	0.00
43.75	0.00	0.00	0.00	0.00
44.00	0.00	0.00	0.00	0.00
44.25	0.00	0.00	0.00	0.00
44.50	0.00	0.00	0.00	0.00
44.75	0.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	0.00
45.25	0.00	0.00	0.00	0.00
45.50	0.00	0.00	0.00	0.00
45.75	0.00	0.00	0.00	0.00
46.00	0.00	0.00	0.00	0.00
46.25	0.00	0.00	0.00	0.00
46.50	0.00	0.00	0.00	0.00
46.75	0.00	0.00	0.00	0.00
47.00	0.00	0.00	0.00	0.00
47.25	0.00	0.00	0.00	0.00
47.50	0.00	0.00	0.00	0.00
47.75	0.00	0.00	0.00	0.00
48.00	0.00	0.00	0.00	0.00
48.25	0.00	0.00	0.00	0.00
48.50	0.00	0.00	0.00	0.00
48.75	0.00	0.00	0.00	0.00
49.00	0.00	0.00	0.00	0.00
49.25	0.00	0.00	0.00	0.00
49.50	0.00	0.00	0.00	0.00
49.75	0.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	0.00
50.25	0.00	0.00	0.00	0.00
50.50	0.00	0.00	0.00	0.00
50.75	0.00	0.00	0.00	0.00
51.00	0.00	0.00	0.00	0.00
51.25	0.00	0.00	0.00	0.00
51.50	0.00	0.00	0.00	0.00
51.75	0.00	0.00	0.00	0.00
52.00	0.00	0.00	0.00	0.00
52.25	0.00	0.00	0.00	0.00
52.50	0.00	0.00	0.00	0.00
52.75	0.00	0.00	0.00	0.00
53.00	0.00	0.00	0.00	0.00
53.25	0.00	0.00	0.00	0.00
53.50	0.00	0.00	0.00	0.00
53.75	0.00	0.00	0.00	0.00
54.00	0.00	0.00	0.00	0.00
54.25	0.00	0.00	0.00	0.00

54.50	0.00	0.00	0.00	0.00
54.75	0.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	0.00
55.25	0.00	0.00	0.00	0.00
55.50	0.00	0.00	0.00	0.00
55.75	0.00	0.00	0.00	0.00
56.00	0.00	0.00	0.00	0.00
56.25	0.00	0.00	0.00	0.00
56.50	0.00	0.00	0.00	0.00
56.75	0.00	0.00	0.00	0.00
57.00	0.00	0.00	0.00	0.00
57.25	0.00	0.00	0.00	0.00
57.50	0.00	0.00	0.00	0.00
57.75	0.00	0.00	0.00	0.00
58.00	0.00	0.00	0.00	0.00
58.25	0.00	0.00	0.00	0.00
58.50	0.00	0.00	0.00	0.00
58.75	0.00	0.00	0.00	0.00
59.00	0.00	0.00	0.00	0.00
59.25	0.00	0.00	0.00	0.00
59.50	0.00	0.00	0.00	0.00
59.75	0.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	0.00
60.25	0.00	0.00	0.00	0.00
60.50	0.00	0.00	0.00	0.00
60.75	0.00	0.00	0.00	0.00
61.00	0.00	0.00	0.00	0.00
61.25	0.00	0.00	0.00	0.00
61.50	0.00	0.00	0.00	0.00
61.75	0.00	0.00	0.00	0.00
62.00	0.00	0.00	0.00	0.00
62.25	0.00	0.00	0.00	0.00
62.50	0.00	0.00	0.00	0.00
62.75	0.00	0.00	0.00	0.00
63.00	0.00	0.00	0.00	0.00
63.25	0.00	0.00	0.00	0.00
63.50	0.00	0.00	0.00	0.00
63.75	0.00	0.00	0.00	0.00
64.00	0.00	0.00	0.00	0.00
64.25	0.00	0.00	0.00	0.00
64.50	0.00	0.00	0.00	0.00
64.75	0.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	0.00
65.25	0.00	0.00	0.00	0.00
65.50	0.00	0.00	0.00	0.00
65.75	0.00	0.00	0.00	0.00
66.00	0.00	0.00	0.00	0.00
66.25	0.00	0.00	0.00	0.00
66.50	0.00	0.00	0.00	0.00
66.75	0.00	0.00	0.00	0.00
67.00	0.00	0.00	0.00	0.00
67.25	0.00	0.00	0.00	0.00
67.50	0.00	0.00	0.00	0.00
67.75	0.00	0.00	0.00	0.00
68.00	0.00	0.00	0.00	0.00
68.25	0.00	0.00	0.00	0.00
68.50	0.00	0.00	0.00	0.00
68.75	0.00	0.00	0.00	0.00
69.00	0.00	0.00	0.00	0.00
69.25	0.00	0.00	0.00	0.00
69.50	0.00	0.00	0.00	0.00
69.75	0.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	0.00
70.25	0.00	0.00	0.00	0.00
70.50	0.00	0.00	0.00	0.00
70.75	0.00	0.00	0.00	0.00
71.00	0.00	0.00	0.00	0.00
71.25	0.00	0.00	0.00	0.00
71.50	0.00	0.00	0.00	0.00
71.75	0.00	0.00	0.00	0.00
72.00	0.00	0.00	0.00	0.00

THE MAXIMUM DISCHARGE FROM CROSS SECTION 3 IS: 9.63 CFS AT TIME: 29.31 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 4.94 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 3

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00

6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00
13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	0.00
13.75	0.00	0.00	0.00	0.00
14.00	0.00	0.00	0.00	0.00
14.25	0.00	0.00	0.00	0.00
14.50	0.00	0.00	0.00	0.00
14.75	0.00	0.00	0.00	0.00
15.00	0.00	0.00	0.00	0.00
15.25	0.00	0.00	0.00	0.00
15.50	0.00	0.00	0.00	0.00
15.75	0.00	0.00	0.00	0.00
16.00	0.00	0.00	0.00	0.00
16.25	0.00	0.00	0.00	0.00
16.50	0.00	0.00	0.00	0.00
16.75	0.00	0.00	0.00	0.00
17.00	0.00	0.00	0.00	0.00
17.25	0.00	0.00	0.00	0.00
17.50	0.00	0.00	0.00	0.00
17.75	0.00	0.00	0.00	0.00
18.00	0.00	0.00	0.00	0.00
18.25	0.00	0.00	0.00	0.00
18.50	0.00	0.00	0.00	0.00
18.75	0.00	0.00	0.00	0.00
19.00	0.00	0.00	0.00	0.00
19.25	0.00	0.00	0.00	0.00
19.50	0.00	0.00	0.00	0.00
19.75	0.00	0.00	0.00	0.00
20.00	0.00	0.00	0.00	0.00
20.25	0.00	0.00	0.00	0.00
20.50	0.00	0.00	0.00	0.00
20.75	0.00	0.00	0.00	0.00
21.00	0.00	0.00	0.00	0.00
21.25	0.00	0.00	0.00	0.00
21.50	0.00	0.00	0.00	0.00
21.75	0.00	0.00	0.00	0.00
22.00	0.00	0.00	0.00	0.00
22.25	0.00	0.00	0.00	0.00
22.50	0.00	0.00	0.00	0.00
22.75	0.00	0.00	0.00	0.00
23.00	0.00	0.00	0.00	0.00
23.25	0.00	0.00	0.00	0.00
23.50	0.00	0.00	0.00	0.00
23.75	0.00	0.00	0.00	0.00
24.00	0.00	0.00	0.00	0.00
24.25	0.00	0.00	0.00	0.00
24.50	0.00	0.00	0.00	0.00
24.75	0.00	0.00	0.00	0.00
25.00	0.00	0.00	0.00	0.00
25.25	0.00	0.00	0.00	0.00
25.50	0.00	0.00	0.00	0.00
25.75	0.00	0.00	0.00	0.00
26.00	0.00	0.00	0.00	0.00
26.25	0.00	0.00	0.00	0.00
26.50	0.00	0.00	0.00	0.00
26.75	0.00	0.00	0.00	0.00
27.00	0.00	0.00	0.00	0.00
27.25	0.00	0.00	0.00	0.00
27.50	0.00	0.00	0.00	0.00
27.75	0.00	0.00	0.00	0.00
28.00	0.00	0.00	0.00	0.00
28.25	0.00	0.00	0.00	0.00
28.50	0.00	0.00	0.00	0.00
28.75	0.00	0.00	0.00	0.00
29.00	0.00	0.00	0.00	0.00
29.25	150.00	0.02	2.01	5.66
29.50	150.00	0.01	2.90	6.35
29.75	300.00	0.02	0.96	6.69
30.00	375.00	0.03	0.84	8.51
30.25	300.00	0.02	1.10	7.89
30.50	300.00	0.02	0.94	6.84
30.75	375.00	0.03	0.67	6.78
31.00	375.00	0.03	0.67	6.63
31.25	300.00	0.02	1.23	8.61
31.50	375.00	0.03	0.78	7.55
31.75	375.00	0.02	0.81	7.42
32.00	300.00	0.02	1.23	8.19
32.25	375.00	0.02	0.80	7.54
32.50	300.00	0.02	1.20	7.90

32.75	300.00	0.02	1.07	6.93
33.00	375.00	0.02	0.85	7.82
33.25	300.00	0.02	1.20	7.80
33.50	375.00	0.02	0.62	5.67
33.75	300.00	0.02	1.07	6.76
34.00	300.00	0.02	1.04	6.51
34.25	450.00	0.03	0.45	5.30
34.50	450.00	0.03	0.55	6.38
34.75	300.00	0.02	1.19	7.09
35.00	375.00	0.02	0.58	4.98
35.25	375.00	0.02	0.58	4.92
35.50	300.00	0.02	0.84	4.83
35.75	300.00	0.02	1.03	5.85
36.00	300.00	0.02	1.11	5.78
36.25	375.00	0.02	0.81	6.50
36.50	300.00	0.02	1.25	6.48
36.75	225.00	0.01	1.39	4.30
37.00	300.00	0.02	0.86	4.14
37.25	300.00	0.02	1.24	5.95
37.50	300.00	0.02	0.78	3.73
37.75	150.00	0.01	3.87	4.49
38.00	300.00	0.01	0.73	3.27
38.25	225.00	0.01	1.75	4.58
38.50	150.00	0.01	4.34	5.03
38.75	225.00	0.00	0.00	0.00
39.00	375.00	0.00	0.00	0.00
39.25	150.00	0.01	2.53	3.04
39.50	0.00	0.00	0.00	1.30
39.75	75.00	0.00	0.00	0.00
40.00	225.00	0.01	0.92	2.41
40.25	0.00	0.00	0.00	1.26
40.50	75.00	0.00	2.96	0.89
40.75	150.00	0.01	1.97	2.38
41.00	150.00	0.01	2.86	3.31
41.25	0.00	0.00	0.00	0.00
41.50	0.00	0.00	0.00	1.79
41.75	150.00	0.01	1.84	2.30
42.00	0.00	0.00	0.00	0.00
42.25	0.00	0.00	0.00	0.00
42.50	0.00	0.00	0.00	0.00
42.75	0.00	0.00	0.00	0.00
43.00	0.00	0.00	0.00	0.00
43.25	0.00	0.00	0.00	0.00
43.50	0.00	0.00	0.00	0.00
43.75	0.00	0.00	0.00	0.00
44.00	0.00	0.00	0.00	0.00
44.25	0.00	0.00	0.00	0.00
44.50	0.00	0.00	0.00	0.00
44.75	0.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	0.00
45.25	0.00	0.00	0.00	0.00
45.50	0.00	0.00	0.00	0.00
45.75	75.00	0.00	0.00	0.00
46.00	0.00	0.00	0.00	0.00
46.25	0.00	0.00	0.00	0.00
46.50	0.00	0.00	0.00	0.00
46.75	0.00	0.00	0.00	0.00
47.00	0.00	0.00	0.00	0.00
47.25	0.00	0.00	0.00	0.00
47.50	0.00	0.00	0.00	0.00
47.75	0.00	0.00	0.00	0.00
48.00	0.00	0.00	0.00	0.00
48.25	0.00	0.00	0.00	0.00
48.50	0.00	0.00	0.00	0.00
48.75	0.00	0.00	0.00	0.00
49.00	0.00	0.00	0.00	0.00
49.25	0.00	0.00	0.00	0.00
49.50	0.00	0.00	0.00	0.00
49.75	0.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	0.00
50.25	0.00	0.00	0.00	0.00
50.50	0.00	0.00	0.00	0.00
50.75	0.00	0.00	0.00	0.00
51.00	0.00	0.00	0.00	0.00
51.25	0.00	0.00	0.00	0.00
51.50	0.00	0.00	0.00	0.00
51.75	0.00	0.00	0.00	0.00
52.00	0.00	0.00	0.00	0.00
52.25	0.00	0.00	0.00	0.00
52.50	0.00	0.00	0.00	0.00
52.75	0.00	0.00	0.00	0.00
53.00	0.00	0.00	0.00	0.00
53.25	0.00	0.00	0.00	0.00
53.50	0.00	0.00	0.00	0.00
53.75	0.00	0.00	0.00	0.00
54.00	0.00	0.00	0.00	0.00
54.25	0.00	0.00	0.00	0.00
54.50	0.00	0.00	0.00	0.00
54.75	0.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	0.00
55.25	0.00	0.00	0.00	0.00
55.50	0.00	0.00	0.00	0.00
55.75	0.00	0.00	0.00	0.00
56.00	0.00	0.00	0.00	0.00
56.25	0.00	0.00	0.00	0.00
56.50	0.00	0.00	0.00	0.00
56.75	0.00	0.00	0.00	0.00
57.00	0.00	0.00	0.00	0.00
57.25	0.00	0.00	0.00	0.00
57.50	0.00	0.00	0.00	0.00
57.75	0.00	0.00	0.00	0.00
58.00	0.00	0.00	0.00	0.00
58.25	0.00	0.00	0.00	0.00
58.50	0.00	0.00	0.00	0.00
58.75	0.00	0.00	0.00	0.00
59.00	0.00	0.00	0.00	0.00

59.25	0.00	0.00	0.00	0.00
59.50	0.00	0.00	0.00	0.00
59.75	0.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	0.00
60.25	0.00	0.00	0.00	0.00
60.50	0.00	0.00	0.00	0.00
60.75	0.00	0.00	0.00	0.00
61.00	0.00	0.00	0.00	0.00
61.25	0.00	0.00	0.00	0.00
61.50	0.00	0.00	0.00	0.00
61.75	0.00	0.00	0.00	0.00
62.00	0.00	0.00	0.00	0.00
62.25	0.00	0.00	0.00	0.00
62.50	0.00	0.00	0.00	0.00
62.75	0.00	0.00	0.00	0.00
63.00	0.00	0.00	0.00	0.00
63.25	0.00	0.00	0.00	0.00
63.50	0.00	0.00	0.00	0.00
63.75	0.00	0.00	0.00	0.00
64.00	0.00	0.00	0.00	0.00
64.25	0.00	0.00	0.00	0.00
64.50	0.00	0.00	0.00	0.00
64.75	0.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	0.00
65.25	0.00	0.00	0.00	0.00
65.50	0.00	0.00	0.00	0.00
65.75	0.00	0.00	0.00	0.00
66.00	0.00	0.00	0.00	0.00
66.25	0.00	0.00	0.00	0.00
66.50	0.00	0.00	0.00	0.00
66.75	0.00	0.00	0.00	0.00
67.00	0.00	0.00	0.00	0.00
67.25	0.00	0.00	0.00	0.00
67.50	0.00	0.00	0.00	0.00
67.75	0.00	0.00	0.00	0.00
68.00	0.00	0.00	0.00	0.00
68.25	0.00	0.00	0.00	0.00
68.50	0.00	0.00	0.00	0.00
68.75	0.00	0.00	0.00	0.00
69.00	0.00	0.00	0.00	0.00
69.25	0.00	0.00	0.00	0.00
69.50	0.00	0.00	0.00	0.00
69.75	0.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	0.00
70.25	0.00	0.00	0.00	0.00
70.50	0.00	0.00	0.00	0.00
70.75	0.00	0.00	0.00	0.00
71.00	0.00	0.00	0.00	0.00
71.25	0.00	0.00	0.00	0.00
71.50	0.00	0.00	0.00	0.00
71.75	0.00	0.00	0.00	0.00
72.00	0.00	0.00	0.00	0.00

THE MAXIMUM DISCHARGE FROM CROSS SECTION 4 IS: 0.00 CFS AT TIME: 0.00 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 0.00 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 4

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00

11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00
13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	0.00
13.75	0.00	0.00	0.00	0.00
14.00	0.00	0.00	0.00	0.00
14.25	0.00	0.00	0.00	0.00
14.50	0.00	0.00	0.00	0.00
14.75	0.00	0.00	0.00	0.00
15.00	0.00	0.00	0.00	0.00
15.25	0.00	0.00	0.00	0.00
15.50	0.00	0.00	0.00	0.00
15.75	0.00	0.00	0.00	0.00
16.00	0.00	0.00	0.00	0.00
16.25	0.00	0.00	0.00	0.00
16.50	0.00	0.00	0.00	0.00
16.75	0.00	0.00	0.00	0.00
17.00	0.00	0.00	0.00	0.00
17.25	0.00	0.00	0.00	0.00
17.50	0.00	0.00	0.00	0.00
17.75	0.00	0.00	0.00	0.00
18.00	0.00	0.00	0.00	0.00
18.25	0.00	0.00	0.00	0.00
18.50	0.00	0.00	0.00	0.00
18.75	0.00	0.00	0.00	0.00
19.00	0.00	0.00	0.00	0.00
19.25	0.00	0.00	0.00	0.00
19.50	0.00	0.00	0.00	0.00
19.75	0.00	0.00	0.00	0.00
20.00	0.00	0.00	0.00	0.00
20.25	0.00	0.00	0.00	0.00
20.50	0.00	0.00	0.00	0.00
20.75	0.00	0.00	0.00	0.00
21.00	0.00	0.00	0.00	0.00
21.25	0.00	0.00	0.00	0.00
21.50	0.00	0.00	0.00	0.00
21.75	0.00	0.00	0.00	0.00
22.00	0.00	0.00	0.00	0.00
22.25	0.00	0.00	0.00	0.00
22.50	0.00	0.00	0.00	0.00
22.75	0.00	0.00	0.00	0.00
23.00	0.00	0.00	0.00	0.00
23.25	0.00	0.00	0.00	0.00
23.50	0.00	0.00	0.00	0.00
23.75	0.00	0.00	0.00	0.00
24.00	0.00	0.00	0.00	0.00
24.25	0.00	0.00	0.00	0.00
24.50	0.00	0.00	0.00	0.00
24.75	0.00	0.00	0.00	0.00
25.00	0.00	0.00	0.00	0.00
25.25	0.00	0.00	0.00	0.00
25.50	0.00	0.00	0.00	0.00
25.75	0.00	0.00	0.00	0.00
26.00	0.00	0.00	0.00	0.00
26.25	0.00	0.00	0.00	0.00
26.50	0.00	0.00	0.00	0.00
26.75	0.00	0.00	0.00	0.00
27.00	0.00	0.00	0.00	0.00
27.25	0.00	0.00	0.00	0.00
27.50	0.00	0.00	0.00	0.00
27.75	0.00	0.00	0.00	0.00
28.00	0.00	0.00	0.00	0.00
28.25	0.00	0.00	0.00	0.00
28.50	0.00	0.00	0.00	0.00
28.75	0.00	0.00	0.00	0.00
29.00	0.00	0.00	0.00	0.00
29.25	0.00	0.00	0.00	0.00
29.50	0.00	0.00	0.00	0.00
29.75	0.00	0.00	0.00	0.00
30.00	0.00	0.00	0.00	0.00
30.25	0.00	0.00	0.00	0.00
30.50	0.00	0.00	0.00	0.00
30.75	0.00	0.00	0.00	0.00
31.00	0.00	0.00	0.00	0.00
31.25	0.00	0.00	0.00	0.00
31.50	0.00	0.00	0.00	0.00
31.75	0.00	0.00	0.00	0.00
32.00	0.00	0.00	0.00	0.00
32.25	0.00	0.00	0.00	0.00
32.50	0.00	0.00	0.00	0.00
32.75	0.00	0.00	0.00	0.00
33.00	0.00	0.00	0.00	0.00
33.25	0.00	0.00	0.00	0.00
33.50	0.00	0.00	0.00	0.00
33.75	0.00	0.00	0.00	0.00
34.00	0.00	0.00	0.00	0.00
34.25	0.00	0.00	0.00	0.00
34.50	0.00	0.00	0.00	0.00
34.75	0.00	0.00	0.00	0.00
35.00	0.00	0.00	0.00	0.00
35.25	0.00	0.00	0.00	0.00
35.50	0.00	0.00	0.00	0.00
35.75	0.00	0.00	0.00	0.00
36.00	0.00	0.00	0.00	0.00
36.25	0.00	0.00	0.00	0.00
36.50	0.00	0.00	0.00	0.00
36.75	0.00	0.00	0.00	0.00
37.00	0.00	0.00	0.00	0.00
37.25	0.00	0.00	0.00	0.00

37.50	0.00	0.00	0.00	0.00
37.75	0.00	0.00	0.00	0.00
38.00	0.00	0.00	0.00	0.00
38.25	0.00	0.00	0.00	0.00
38.50	0.00	0.00	0.00	0.00
38.75	0.00	0.00	0.00	0.00
39.00	0.00	0.00	0.00	0.00
39.25	0.00	0.00	0.00	0.00
39.50	0.00	0.00	0.00	0.00
39.75	0.00	0.00	0.00	0.00
40.00	0.00	0.00	0.00	0.00
40.25	0.00	0.00	0.00	0.00
40.50	0.00	0.00	0.00	0.00
40.75	0.00	0.00	0.00	0.00
41.00	0.00	0.00	0.00	0.00
41.25	0.00	0.00	0.00	0.00
41.50	0.00	0.00	0.00	0.00
41.75	0.00	0.00	0.00	0.00
42.00	0.00	0.00	0.00	0.00
42.25	0.00	0.00	0.00	0.00
42.50	0.00	0.00	0.00	0.00
42.75	0.00	0.00	0.00	0.00
43.00	0.00	0.00	0.00	0.00
43.25	0.00	0.00	0.00	0.00
43.50	0.00	0.00	0.00	0.00
43.75	0.00	0.00	0.00	0.00
44.00	0.00	0.00	0.00	0.00
44.25	0.00	0.00	0.00	0.00
44.50	0.00	0.00	0.00	0.00
44.75	0.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	0.00
45.25	0.00	0.00	0.00	0.00
45.50	0.00	0.00	0.00	0.00
45.75	0.00	0.00	0.00	0.00
46.00	0.00	0.00	0.00	0.00
46.25	0.00	0.00	0.00	0.00
46.50	0.00	0.00	0.00	0.00
46.75	0.00	0.00	0.00	0.00
47.00	0.00	0.00	0.00	0.00
47.25	0.00	0.00	0.00	0.00
47.50	0.00	0.00	0.00	0.00
47.75	0.00	0.00	0.00	0.00
48.00	0.00	0.00	0.00	0.00
48.25	0.00	0.00	0.00	0.00
48.50	0.00	0.00	0.00	0.00
48.75	0.00	0.00	0.00	0.00
49.00	0.00	0.00	0.00	0.00
49.25	0.00	0.00	0.00	0.00
49.50	0.00	0.00	0.00	0.00
49.75	0.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	0.00
50.25	0.00	0.00	0.00	0.00
50.50	0.00	0.00	0.00	0.00
50.75	0.00	0.00	0.00	0.00
51.00	0.00	0.00	0.00	0.00
51.25	0.00	0.00	0.00	0.00
51.50	0.00	0.00	0.00	0.00
51.75	0.00	0.00	0.00	0.00
52.00	0.00	0.00	0.00	0.00
52.25	0.00	0.00	0.00	0.00
52.50	0.00	0.00	0.00	0.00
52.75	0.00	0.00	0.00	0.00
53.00	0.00	0.00	0.00	0.00
53.25	0.00	0.00	0.00	0.00
53.50	0.00	0.00	0.00	0.00
53.75	0.00	0.00	0.00	0.00
54.00	0.00	0.00	0.00	0.00
54.25	0.00	0.00	0.00	0.00
54.50	0.00	0.00	0.00	0.00
54.75	0.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	0.00
55.25	0.00	0.00	0.00	0.00
55.50	0.00	0.00	0.00	0.00
55.75	0.00	0.00	0.00	0.00
56.00	0.00	0.00	0.00	0.00
56.25	0.00	0.00	0.00	0.00
56.50	0.00	0.00	0.00	0.00
56.75	0.00	0.00	0.00	0.00
57.00	0.00	0.00	0.00	0.00
57.25	0.00	0.00	0.00	0.00
57.50	0.00	0.00	0.00	0.00
57.75	0.00	0.00	0.00	0.00
58.00	0.00	0.00	0.00	0.00
58.25	0.00	0.00	0.00	0.00
58.50	0.00	0.00	0.00	0.00
58.75	0.00	0.00	0.00	0.00
59.00	0.00	0.00	0.00	0.00
59.25	0.00	0.00	0.00	0.00
59.50	0.00	0.00	0.00	0.00
59.75	0.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	0.00
60.25	0.00	0.00	0.00	0.00
60.50	0.00	0.00	0.00	0.00
60.75	0.00	0.00	0.00	0.00
61.00	0.00	0.00	0.00	0.00
61.25	0.00	0.00	0.00	0.00
61.50	0.00	0.00	0.00	0.00
61.75	0.00	0.00	0.00	0.00
62.00	0.00	0.00	0.00	0.00
62.25	0.00	0.00	0.00	0.00
62.50	0.00	0.00	0.00	0.00
62.75	0.00	0.00	0.00	0.00
63.00	0.00	0.00	0.00	0.00
63.25	0.00	0.00	0.00	0.00
63.50	0.00	0.00	0.00	0.00
63.75	0.00	0.00	0.00	0.00

64.00	0.00	0.00	0.00	0.00
64.25	0.00	0.00	0.00	0.00
64.50	0.00	0.00	0.00	0.00
64.75	0.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	0.00
65.25	0.00	0.00	0.00	0.00
65.50	0.00	0.00	0.00	0.00
65.75	0.00	0.00	0.00	0.00
66.00	0.00	0.00	0.00	0.00
66.25	0.00	0.00	0.00	0.00
66.50	0.00	0.00	0.00	0.00
66.75	0.00	0.00	0.00	0.00
67.00	0.00	0.00	0.00	0.00
67.25	0.00	0.00	0.00	0.00
67.50	0.00	0.00	0.00	0.00
67.75	0.00	0.00	0.00	0.00
68.00	0.00	0.00	0.00	0.00
68.25	0.00	0.00	0.00	0.00
68.50	0.00	0.00	0.00	0.00
68.75	0.00	0.00	0.00	0.00
69.00	0.00	0.00	0.00	0.00
69.25	0.00	0.00	0.00	0.00
69.50	0.00	0.00	0.00	0.00
69.75	0.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	0.00
70.25	0.00	0.00	0.00	0.00
70.50	0.00	0.00	0.00	0.00
70.75	0.00	0.00	0.00	0.00
71.00	0.00	0.00	0.00	0.00
71.25	0.00	0.00	0.00	0.00
71.50	0.00	0.00	0.00	0.00
71.75	0.00	0.00	0.00	0.00
72.00	0.00	0.00	0.00	0.00

THE MAXIMUM DISCHARGE FROM CROSS SECTION 5 IS: 0.00 CFS AT TIME: 0.00 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 0.00 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 5

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00
13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	0.00
13.75	0.00	0.00	0.00	0.00
14.00	0.00	0.00	0.00	0.00
14.25	0.00	0.00	0.00	0.00
14.50	0.00	0.00	0.00	0.00
14.75	0.00	0.00	0.00	0.00
15.00	0.00	0.00	0.00	0.00
15.25	0.00	0.00	0.00	0.00
15.50	0.00	0.00	0.00	0.00

15.75	0.00	0.00	0.00	0.00
16.00	0.00	0.00	0.00	0.00
16.25	0.00	0.00	0.00	0.00
16.50	0.00	0.00	0.00	0.00
16.75	0.00	0.00	0.00	0.00
17.00	0.00	0.00	0.00	0.00
17.25	0.00	0.00	0.00	0.00
17.50	0.00	0.00	0.00	0.00
17.75	0.00	0.00	0.00	0.00
18.00	0.00	0.00	0.00	0.00
18.25	0.00	0.00	0.00	0.00
18.50	0.00	0.00	0.00	0.00
18.75	0.00	0.00	0.00	0.00
19.00	0.00	0.00	0.00	0.00
19.25	0.00	0.00	0.00	0.00
19.50	0.00	0.00	0.00	0.00
19.75	0.00	0.00	0.00	0.00
20.00	0.00	0.00	0.00	0.00
20.25	0.00	0.00	0.00	0.00
20.50	0.00	0.00	0.00	0.00
20.75	0.00	0.00	0.00	0.00
21.00	0.00	0.00	0.00	0.00
21.25	0.00	0.00	0.00	0.00
21.50	0.00	0.00	0.00	0.00
21.75	0.00	0.00	0.00	0.00
22.00	0.00	0.00	0.00	0.00
22.25	0.00	0.00	0.00	0.00
22.50	0.00	0.00	0.00	0.00
22.75	0.00	0.00	0.00	0.00
23.00	0.00	0.00	0.00	0.00
23.25	0.00	0.00	0.00	0.00
23.50	0.00	0.00	0.00	0.00
23.75	0.00	0.00	0.00	0.00
24.00	0.00	0.00	0.00	0.00
24.25	0.00	0.00	0.00	0.00
24.50	0.00	0.00	0.00	0.00
24.75	0.00	0.00	0.00	0.00
25.00	0.00	0.00	0.00	0.00
25.25	0.00	0.00	0.00	0.00
25.50	0.00	0.00	0.00	0.00
25.75	0.00	0.00	0.00	0.00
26.00	0.00	0.00	0.00	0.00
26.25	0.00	0.00	0.00	0.00
26.50	0.00	0.00	0.00	0.00
26.75	0.00	0.00	0.00	0.00
27.00	0.00	0.00	0.00	0.00
27.25	0.00	0.00	0.00	0.00
27.50	0.00	0.00	0.00	0.00
27.75	0.00	0.00	0.00	0.00
28.00	0.00	0.00	0.00	0.00
28.25	0.00	0.00	0.00	0.00
28.50	0.00	0.00	0.00	0.00
28.75	0.00	0.00	0.00	0.00
29.00	0.00	0.00	0.00	0.00
29.25	0.00	0.00	0.00	0.00
29.50	0.00	0.00	0.00	0.00
29.75	0.00	0.00	0.00	0.00
30.00	0.00	0.00	0.00	0.00
30.25	0.00	0.00	0.00	0.00
30.50	0.00	0.00	0.00	0.00
30.75	0.00	0.00	0.00	0.00
31.00	0.00	0.00	0.00	0.00
31.25	0.00	0.00	0.00	0.00
31.50	0.00	0.00	0.00	0.00
31.75	0.00	0.00	0.00	0.00
32.00	0.00	0.00	0.00	0.00
32.25	0.00	0.00	0.00	0.00
32.50	0.00	0.00	0.00	0.00
32.75	0.00	0.00	0.00	0.00
33.00	0.00	0.00	0.00	0.00
33.25	0.00	0.00	0.00	0.00
33.50	0.00	0.00	0.00	0.00
33.75	0.00	0.00	0.00	0.00
34.00	0.00	0.00	0.00	0.00
34.25	0.00	0.00	0.00	0.00
34.50	0.00	0.00	0.00	0.00
34.75	0.00	0.00	0.00	0.00
35.00	0.00	0.00	0.00	0.00
35.25	0.00	0.00	0.00	0.00
35.50	0.00	0.00	0.00	0.00
35.75	0.00	0.00	0.00	0.00
36.00	0.00	0.00	0.00	0.00
36.25	0.00	0.00	0.00	0.00
36.50	0.00	0.00	0.00	0.00
36.75	0.00	0.00	0.00	0.00
37.00	0.00	0.00	0.00	0.00
37.25	0.00	0.00	0.00	0.00
37.50	0.00	0.00	0.00	0.00
37.75	0.00	0.00	0.00	0.00
38.00	0.00	0.00	0.00	0.00
38.25	0.00	0.00	0.00	0.00
38.50	0.00	0.00	0.00	0.00
38.75	0.00	0.00	0.00	0.00
39.00	0.00	0.00	0.00	0.00
39.25	0.00	0.00	0.00	0.00
39.50	0.00	0.00	0.00	0.00
39.75	0.00	0.00	0.00	0.00
40.00	0.00	0.00	0.00	0.00
40.25	0.00	0.00	0.00	0.00
40.50	0.00	0.00	0.00	0.00
40.75	0.00	0.00	0.00	0.00
41.00	0.00	0.00	0.00	0.00
41.25	0.00	0.00	0.00	0.00
41.50	0.00	0.00	0.00	0.00
41.75	0.00	0.00	0.00	0.00
42.00	0.00	0.00	0.00	0.00

42.25	0.00	0.00	0.00	0.00
42.50	0.00	0.00	0.00	0.00
42.75	0.00	0.00	0.00	0.00
43.00	0.00	0.00	0.00	0.00
43.25	0.00	0.00	0.00	0.00
43.50	0.00	0.00	0.00	0.00
43.75	0.00	0.00	0.00	0.00
44.00	0.00	0.00	0.00	0.00
44.25	0.00	0.00	0.00	0.00
44.50	0.00	0.00	0.00	0.00
44.75	0.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	0.00
45.25	0.00	0.00	0.00	0.00
45.50	0.00	0.00	0.00	0.00
45.75	0.00	0.00	0.00	0.00
46.00	0.00	0.00	0.00	0.00
46.25	0.00	0.00	0.00	0.00
46.50	0.00	0.00	0.00	0.00
46.75	0.00	0.00	0.00	0.00
47.00	0.00	0.00	0.00	0.00
47.25	0.00	0.00	0.00	0.00
47.50	0.00	0.00	0.00	0.00
47.75	0.00	0.00	0.00	0.00
48.00	0.00	0.00	0.00	0.00
48.25	0.00	0.00	0.00	0.00
48.50	0.00	0.00	0.00	0.00
48.75	0.00	0.00	0.00	0.00
49.00	0.00	0.00	0.00	0.00
49.25	0.00	0.00	0.00	0.00
49.50	0.00	0.00	0.00	0.00
49.75	0.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	0.00
50.25	0.00	0.00	0.00	0.00
50.50	0.00	0.00	0.00	0.00
50.75	0.00	0.00	0.00	0.00
51.00	0.00	0.00	0.00	0.00
51.25	0.00	0.00	0.00	0.00
51.50	0.00	0.00	0.00	0.00
51.75	0.00	0.00	0.00	0.00
52.00	0.00	0.00	0.00	0.00
52.25	0.00	0.00	0.00	0.00
52.50	0.00	0.00	0.00	0.00
52.75	0.00	0.00	0.00	0.00
53.00	0.00	0.00	0.00	0.00
53.25	0.00	0.00	0.00	0.00
53.50	0.00	0.00	0.00	0.00
53.75	0.00	0.00	0.00	0.00
54.00	0.00	0.00	0.00	0.00
54.25	0.00	0.00	0.00	0.00
54.50	0.00	0.00	0.00	0.00
54.75	0.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	0.00
55.25	0.00	0.00	0.00	0.00
55.50	0.00	0.00	0.00	0.00
55.75	0.00	0.00	0.00	0.00
56.00	0.00	0.00	0.00	0.00
56.25	0.00	0.00	0.00	0.00
56.50	0.00	0.00	0.00	0.00
56.75	0.00	0.00	0.00	0.00
57.00	0.00	0.00	0.00	0.00
57.25	0.00	0.00	0.00	0.00
57.50	0.00	0.00	0.00	0.00
57.75	0.00	0.00	0.00	0.00
58.00	0.00	0.00	0.00	0.00
58.25	0.00	0.00	0.00	0.00
58.50	0.00	0.00	0.00	0.00
58.75	0.00	0.00	0.00	0.00
59.00	0.00	0.00	0.00	0.00
59.25	0.00	0.00	0.00	0.00
59.50	0.00	0.00	0.00	0.00
59.75	0.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	0.00
60.25	0.00	0.00	0.00	0.00
60.50	0.00	0.00	0.00	0.00
60.75	0.00	0.00	0.00	0.00
61.00	0.00	0.00	0.00	0.00
61.25	0.00	0.00	0.00	0.00
61.50	0.00	0.00	0.00	0.00
61.75	0.00	0.00	0.00	0.00
62.00	0.00	0.00	0.00	0.00
62.25	0.00	0.00	0.00	0.00
62.50	0.00	0.00	0.00	0.00
62.75	0.00	0.00	0.00	0.00
63.00	0.00	0.00	0.00	0.00
63.25	0.00	0.00	0.00	0.00
63.50	0.00	0.00	0.00	0.00
63.75	0.00	0.00	0.00	0.00
64.00	0.00	0.00	0.00	0.00
64.25	0.00	0.00	0.00	0.00
64.50	0.00	0.00	0.00	0.00
64.75	0.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	0.00
65.25	0.00	0.00	0.00	0.00
65.50	0.00	0.00	0.00	0.00
65.75	0.00	0.00	0.00	0.00
66.00	0.00	0.00	0.00	0.00
66.25	0.00	0.00	0.00	0.00
66.50	0.00	0.00	0.00	0.00
66.75	0.00	0.00	0.00	0.00
67.00	0.00	0.00	0.00	0.00
67.25	0.00	0.00	0.00	0.00
67.50	0.00	0.00	0.00	0.00
67.75	0.00	0.00	0.00	0.00
68.00	0.00	0.00	0.00	0.00
68.25	0.00	0.00	0.00	0.00
68.50	0.00	0.00	0.00	0.00

68.75	0.00	0.00	0.00	0.00
69.00	0.00	0.00	0.00	0.00
69.25	0.00	0.00	0.00	0.00
69.50	0.00	0.00	0.00	0.00
69.75	0.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	0.00
70.25	0.00	0.00	0.00	0.00
70.50	0.00	0.00	0.00	0.00
70.75	0.00	0.00	0.00	0.00
71.00	0.00	0.00	0.00	0.00
71.25	0.00	0.00	0.00	0.00
71.50	0.00	0.00	0.00	0.00
71.75	0.00	0.00	0.00	0.00
72.00	0.00	0.00	0.00	0.00

THE MAXIMUM DISCHARGE FROM CROSS SECTION 6 IS: 757.53 CFS AT TIME: 17.15 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 405.35 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 6

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00
13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	0.00
13.75	0.00	0.00	0.00	0.00
14.00	375.00	0.02	3.60	26.13
14.25	525.00	0.03	2.72	37.14
14.50	825.00	0.03	1.57	42.37
14.75	1050.00	0.04	1.19	48.77
15.00	1125.00	0.06	1.58	113.80
15.25	1500.00	0.10	1.26	195.37
15.50	2025.00	0.15	1.06	315.60
15.75	2400.00	0.18	0.94	407.55
16.00	2475.00	0.20	0.96	471.60
16.25	2550.00	0.21	0.98	529.20
16.50	2550.00	0.23	1.08	628.97
16.75	2550.00	0.25	1.16	725.92
17.00	2475.00	0.25	1.21	752.89
17.25	2550.00	0.25	1.19	753.41
17.50	2475.00	0.24	1.21	731.87
17.75	2475.00	0.24	1.19	698.52
18.00	2550.00	0.23	1.13	656.72
18.25	2475.00	0.22	1.13	618.97
18.50	2550.00	0.21	1.10	599.25
18.75	2475.00	0.21	1.10	571.90
19.00	2475.00	0.20	1.08	541.54
19.25	2475.00	0.19	1.05	507.37
19.50	2475.00	0.19	1.02	471.70
19.75	2475.00	0.18	0.99	436.55
20.00	2475.00	0.17	0.96	407.00
20.25	2475.00	0.16	0.93	379.41

20.50	2475.00	0.16	0.91	356.45
20.75	2475.00	0.15	0.88	330.14
21.00	2475.00	0.15	0.86	310.14
21.25	2475.00	0.14	0.83	290.74
21.50	2400.00	0.14	0.84	273.16
21.75	2475.00	0.13	0.78	255.25
22.00	2475.00	0.13	0.76	241.48
22.25	2400.00	0.12	0.78	230.30
22.50	2475.00	0.12	0.73	218.81
22.75	2400.00	0.12	0.74	206.35
23.00	2400.00	0.11	0.73	196.90
23.25	2400.00	0.11	0.72	190.19
23.50	2475.00	0.11	0.67	182.21
23.75	2325.00	0.11	0.73	179.26
24.00	2325.00	0.10	0.72	175.60
24.25	2250.00	0.10	0.75	172.42
24.50	2250.00	0.10	0.74	170.48
24.75	2325.00	0.10	0.70	167.62
25.00	2250.00	0.10	0.75	172.55
25.25	2250.00	0.10	0.75	173.84
25.50	2325.00	0.10	0.71	171.54
25.75	2325.00	0.10	0.71	169.54
26.00	2175.00	0.10	0.77	164.19
26.25	2250.00	0.10	0.71	155.61
26.50	2400.00	0.10	0.63	146.48
26.75	2175.00	0.09	0.70	137.83
27.00	2175.00	0.09	0.68	129.91
27.25	2100.00	0.08	0.71	125.62
27.50	2100.00	0.08	0.68	117.05
27.75	2025.00	0.08	0.70	110.42
28.00	1950.00	0.07	0.74	108.08
28.25	1950.00	0.07	0.72	102.74
28.50	2100.00	0.07	0.61	93.74
28.75	1950.00	0.07	0.66	89.60
29.00	1950.00	0.07	0.62	82.79
29.25	1875.00	0.07	0.66	80.59
29.50	1800.00	0.06	0.66	74.11
29.75	1950.00	0.06	0.59	71.48
30.00	1875.00	0.06	0.60	66.46
30.25	1875.00	0.06	0.59	64.22
30.50	1875.00	0.06	0.59	62.41
30.75	1950.00	0.06	0.53	58.03
31.00	1875.00	0.05	0.58	58.67
31.25	1950.00	0.05	0.50	53.69
31.50	1725.00	0.05	0.61	52.96
31.75	1800.00	0.05	0.56	50.82
32.00	1950.00	0.05	0.45	45.87
32.25	1725.00	0.05	0.55	45.36
32.50	1650.00	0.05	0.57	42.62
32.75	1725.00	0.05	0.50	39.22
33.00	1650.00	0.04	0.49	35.80
33.25	1875.00	0.05	0.40	34.49
33.50	1575.00	0.04	0.49	31.72
33.75	1725.00	0.04	0.44	32.41
34.00	1350.00	0.04	0.62	29.83
34.25	1650.00	0.04	0.44	28.72
34.50	1275.00	0.03	0.68	28.21
34.75	1050.00	0.03	0.76	22.84
35.00	1350.00	0.03	0.54	23.46
35.25	1125.00	0.03	0.71	22.96
35.50	1050.00	0.03	0.74	20.91
35.75	1350.00	0.03	0.48	20.23
36.00	1200.00	0.03	0.55	18.34
36.25	1200.00	0.03	0.57	18.73
36.50	1050.00	0.02	0.73	18.43
36.75	1125.00	0.02	0.52	14.73
37.00	1125.00	0.02	0.45	12.49
37.25	1050.00	0.02	0.50	11.97
37.50	975.00	0.02	0.53	11.09
37.75	1050.00	0.02	0.48	11.25
38.00	1050.00	0.02	0.43	9.80
38.25	975.00	0.02	0.52	10.20
38.50	1125.00	0.02	0.36	9.06
38.75	900.00	0.02	0.50	8.30
39.00	825.00	0.02	0.56	7.89
39.25	750.00	0.02	0.66	7.80
39.50	825.00	0.02	0.49	6.93
39.75	750.00	0.02	0.57	6.71
40.00	825.00	0.02	0.59	8.15
40.25	675.00	0.01	0.63	6.12
40.50	900.00	0.02	0.37	5.95
40.75	825.00	0.02	0.67	9.11
41.00	1050.00	0.02	0.43	8.93
41.25	975.00	0.02	0.25	4.51
41.50	525.00	0.01	0.72	4.13
41.75	675.00	0.01	0.48	4.27
42.00	600.00	0.01	0.67	4.72
42.25	600.00	0.01	0.45	3.11
42.50	450.00	0.01	0.76	3.05
42.75	600.00	0.01	0.57	3.79
43.00	450.00	0.01	1.39	5.34
43.25	450.00	0.01	0.97	3.69
43.50	525.00	0.01	1.01	5.03
43.75	450.00	0.01	0.61	2.25
44.00	600.00	0.01	0.88	5.51
44.25	375.00	0.01	0.83	2.08
44.50	600.00	0.01	0.37	2.25
44.75	450.00	0.01	0.73	2.55
45.00	825.00	0.01	0.19	2.21
45.25	450.00	0.01	1.18	4.10
45.50	300.00	0.01	1.51	2.36
45.75	525.00	0.01	0.75	3.45
46.00	375.00	0.01	1.01	2.39
46.25	300.00	0.01	1.39	2.10
46.50	300.00	0.00	1.14	1.71
46.75	450.00	0.01	0.29	0.96

47.00	300.00	0.00	1.33	1.95
47.25	375.00	0.01	0.41	0.93
47.50	225.00	0.00	1.82	1.50
47.75	75.00	0.00	7.73	0.71
48.00	300.00	0.00	0.86	1.26
48.25	75.00	0.00	10.76	1.00
48.50	0.00	0.00	0.00	1.05
48.75	150.00	0.00	0.67	0.25
49.00	75.00	0.00	0.00	0.00
49.25	0.00	0.00	0.00	0.00
49.50	0.00	0.00	0.00	0.00
49.75	0.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	0.00
50.25	0.00	0.00	0.00	0.00
50.50	0.00	0.00	0.00	0.00
50.75	0.00	0.00	0.00	0.00
51.00	0.00	0.00	0.00	0.00
51.25	0.00	0.00	0.00	0.00
51.50	0.00	0.00	0.00	0.00
51.75	0.00	0.00	0.00	0.00
52.00	0.00	0.00	0.00	0.00
52.25	0.00	0.00	0.00	0.00
52.50	0.00	0.00	0.00	0.00
52.75	0.00	0.00	0.00	0.00
53.00	0.00	0.00	0.00	0.00
53.25	0.00	0.00	0.00	0.00
53.50	0.00	0.00	0.00	0.00
53.75	0.00	0.00	0.00	0.00
54.00	0.00	0.00	0.00	0.00
54.25	0.00	0.00	0.00	0.00
54.50	0.00	0.00	0.00	0.00
54.75	0.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	0.00
55.25	0.00	0.00	0.00	0.00
55.50	0.00	0.00	0.00	0.00
55.75	0.00	0.00	0.00	0.00
56.00	0.00	0.00	0.00	0.00
56.25	0.00	0.00	0.00	0.00
56.50	0.00	0.00	0.00	0.00
56.75	0.00	0.00	0.00	0.00
57.00	0.00	0.00	0.00	0.00
57.25	0.00	0.00	0.00	0.00
57.50	0.00	0.00	0.00	0.00
57.75	0.00	0.00	0.00	0.00
58.00	0.00	0.00	0.00	0.00
58.25	0.00	0.00	0.00	0.00
58.50	0.00	0.00	0.00	0.00
58.75	0.00	0.00	0.00	0.00
59.00	0.00	0.00	0.00	0.00
59.25	0.00	0.00	0.00	0.00
59.50	0.00	0.00	0.00	0.00
59.75	0.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	0.00
60.25	0.00	0.00	0.00	0.00
60.50	0.00	0.00	0.00	0.00
60.75	0.00	0.00	0.00	0.00
61.00	0.00	0.00	0.00	0.00
61.25	0.00	0.00	0.00	0.00
61.50	0.00	0.00	0.00	0.00
61.75	0.00	0.00	0.00	0.00
62.00	0.00	0.00	0.00	0.00
62.25	0.00	0.00	0.00	0.00
62.50	0.00	0.00	0.00	0.00
62.75	0.00	0.00	0.00	0.00
63.00	0.00	0.00	0.00	0.00
63.25	0.00	0.00	0.00	0.00
63.50	0.00	0.00	0.00	0.00
63.75	0.00	0.00	0.00	0.00
64.00	0.00	0.00	0.00	0.00
64.25	0.00	0.00	0.00	0.00
64.50	0.00	0.00	0.00	0.00
64.75	0.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	0.00
65.25	0.00	0.00	0.00	0.00
65.50	0.00	0.00	0.00	0.00
65.75	0.00	0.00	0.00	0.00
66.00	0.00	0.00	0.00	0.00
66.25	0.00	0.00	0.00	0.00
66.50	0.00	0.00	0.00	0.00
66.75	0.00	0.00	0.00	0.00
67.00	0.00	0.00	0.00	0.00
67.25	0.00	0.00	0.00	0.00
67.50	0.00	0.00	0.00	0.00
67.75	0.00	0.00	0.00	0.00
68.00	0.00	0.00	0.00	0.00
68.25	0.00	0.00	0.00	0.00
68.50	0.00	0.00	0.00	0.00
68.75	0.00	0.00	0.00	0.00
69.00	0.00	0.00	0.00	0.00
69.25	0.00	0.00	0.00	0.00
69.50	0.00	0.00	0.00	0.00
69.75	0.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	0.00
70.25	0.00	0.00	0.00	0.00
70.50	0.00	0.00	0.00	0.00
70.75	0.00	0.00	0.00	0.00
71.00	0.00	0.00	0.00	0.00
71.25	0.00	0.00	0.00	0.00
71.50	0.00	0.00	0.00	0.00
71.75	0.00	0.00	0.00	0.00
72.00	0.00	0.00	0.00	0.00

THE MAXIMUM DISCHARGE FROM CROSS SECTION 7 IS: 3.49 CFS AT TIME: 18.36 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 0.19 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 7

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00
13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	0.00
13.75	0.00	0.00	0.00	0.00
14.00	0.00	0.00	0.00	0.00
14.25	0.00	0.00	0.00	0.00
14.50	0.00	0.00	0.00	0.00
14.75	0.00	0.00	0.00	0.00
15.00	0.00	0.00	0.00	0.00
15.25	0.00	0.00	0.00	0.00
15.50	0.00	0.00	0.00	0.00
15.75	0.00	0.00	0.00	0.00
16.00	0.00	0.00	0.00	0.00
16.25	0.00	0.00	0.00	0.00
16.50	0.00	0.00	0.00	0.00
16.75	0.00	0.00	0.00	0.00
17.00	0.00	0.00	0.00	0.00
17.25	150.00	0.03	0.36	1.88
17.50	150.00	0.03	0.47	2.05
17.75	150.00	0.03	0.22	0.95
18.00	150.00	0.00	0.00	0.00
18.25	150.00	0.03	0.22	0.84
18.50	0.00	0.00	0.00	0.00
18.75	0.00	0.00	0.00	0.84
19.00	0.00	0.00	0.00	0.00
19.25	0.00	0.00	0.00	0.00
19.50	0.00	0.00	0.00	0.00
19.75	0.00	0.00	0.00	0.00
20.00	0.00	0.00	0.00	0.00
20.25	0.00	0.00	0.00	0.00
20.50	0.00	0.00	0.00	0.00
20.75	0.00	0.00	0.00	0.00
21.00	0.00	0.00	0.00	0.00
21.25	0.00	0.00	0.00	0.00
21.50	0.00	0.00	0.00	0.00
21.75	0.00	0.00	0.00	0.00
22.00	0.00	0.00	0.00	0.00
22.25	0.00	0.00	0.00	0.00
22.50	0.00	0.00	0.00	0.00
22.75	0.00	0.00	0.00	0.00
23.00	0.00	0.00	0.00	0.00
23.25	0.00	0.00	0.00	0.00
23.50	0.00	0.00	0.00	0.00
23.75	0.00	0.00	0.00	0.00
24.00	0.00	0.00	0.00	0.00
24.25	0.00	0.00	0.00	0.00
24.50	0.00	0.00	0.00	0.00
24.75	0.00	0.00	0.00	0.00
25.00	0.00	0.00	0.00	0.00

25.25	0.00	0.00	0.00	0.00
25.50	0.00	0.00	0.00	0.00
25.75	0.00	0.00	0.00	0.00
26.00	0.00	0.00	0.00	0.00
26.25	0.00	0.00	0.00	0.00
26.50	0.00	0.00	0.00	0.00
26.75	0.00	0.00	0.00	0.00
27.00	0.00	0.00	0.00	0.00
27.25	0.00	0.00	0.00	0.00
27.50	0.00	0.00	0.00	0.00
27.75	0.00	0.00	0.00	0.00
28.00	0.00	0.00	0.00	0.00
28.25	0.00	0.00	0.00	0.00
28.50	0.00	0.00	0.00	0.00
28.75	0.00	0.00	0.00	0.00
29.00	0.00	0.00	0.00	0.00
29.25	0.00	0.00	0.00	0.00
29.50	0.00	0.00	0.00	0.00
29.75	0.00	0.00	0.00	0.00
30.00	0.00	0.00	0.00	0.00
30.25	0.00	0.00	0.00	0.00
30.50	0.00	0.00	0.00	0.00
30.75	0.00	0.00	0.00	0.00
31.00	0.00	0.00	0.00	0.00
31.25	0.00	0.00	0.00	0.00
31.50	0.00	0.00	0.00	0.00
31.75	0.00	0.00	0.00	0.00
32.00	0.00	0.00	0.00	0.00
32.25	0.00	0.00	0.00	0.00
32.50	0.00	0.00	0.00	0.00
32.75	0.00	0.00	0.00	0.00
33.00	0.00	0.00	0.00	0.00
33.25	0.00	0.00	0.00	0.00
33.50	0.00	0.00	0.00	0.00
33.75	0.00	0.00	0.00	0.00
34.00	0.00	0.00	0.00	0.00
34.25	0.00	0.00	0.00	0.00
34.50	0.00	0.00	0.00	0.00
34.75	0.00	0.00	0.00	0.00
35.00	0.00	0.00	0.00	0.00
35.25	0.00	0.00	0.00	0.00
35.50	0.00	0.00	0.00	0.00
35.75	0.00	0.00	0.00	0.00
36.00	0.00	0.00	0.00	0.00
36.25	0.00	0.00	0.00	0.00
36.50	0.00	0.00	0.00	0.00
36.75	0.00	0.00	0.00	0.00
37.00	0.00	0.00	0.00	0.00
37.25	0.00	0.00	0.00	0.00
37.50	0.00	0.00	0.00	0.00
37.75	0.00	0.00	0.00	0.00
38.00	0.00	0.00	0.00	0.00
38.25	0.00	0.00	0.00	0.00
38.50	0.00	0.00	0.00	0.00
38.75	0.00	0.00	0.00	0.00
39.00	0.00	0.00	0.00	0.00
39.25	0.00	0.00	0.00	0.00
39.50	0.00	0.00	0.00	0.00
39.75	0.00	0.00	0.00	0.00
40.00	0.00	0.00	0.00	0.00
40.25	0.00	0.00	0.00	0.00
40.50	0.00	0.00	0.00	0.00
40.75	0.00	0.00	0.00	0.00
41.00	0.00	0.00	0.00	0.00
41.25	0.00	0.00	0.00	0.00
41.50	0.00	0.00	0.00	0.00
41.75	0.00	0.00	0.00	0.00
42.00	0.00	0.00	0.00	0.00
42.25	0.00	0.00	0.00	0.00
42.50	0.00	0.00	0.00	0.00
42.75	0.00	0.00	0.00	0.00
43.00	0.00	0.00	0.00	0.00
43.25	0.00	0.00	0.00	0.00
43.50	0.00	0.00	0.00	0.00
43.75	0.00	0.00	0.00	0.00
44.00	0.00	0.00	0.00	0.00
44.25	0.00	0.00	0.00	0.00
44.50	0.00	0.00	0.00	0.00
44.75	0.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	0.00
45.25	0.00	0.00	0.00	0.00
45.50	0.00	0.00	0.00	0.00
45.75	0.00	0.00	0.00	0.00
46.00	0.00	0.00	0.00	0.00
46.25	0.00	0.00	0.00	0.00
46.50	0.00	0.00	0.00	0.00
46.75	0.00	0.00	0.00	0.00
47.00	0.00	0.00	0.00	0.00
47.25	0.00	0.00	0.00	0.00
47.50	0.00	0.00	0.00	0.00
47.75	0.00	0.00	0.00	0.00
48.00	0.00	0.00	0.00	0.00
48.25	0.00	0.00	0.00	0.00
48.50	0.00	0.00	0.00	0.00
48.75	0.00	0.00	0.00	0.00
49.00	0.00	0.00	0.00	0.00
49.25	0.00	0.00	0.00	0.00
49.50	0.00	0.00	0.00	0.00
49.75	0.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	0.00
50.25	0.00	0.00	0.00	0.00
50.50	0.00	0.00	0.00	0.00
50.75	0.00	0.00	0.00	0.00
51.00	0.00	0.00	0.00	0.00
51.25	0.00	0.00	0.00	0.00
51.50	0.00	0.00	0.00	0.00

51.75	0.00	0.00	0.00	0.00
52.00	0.00	0.00	0.00	0.00
52.25	0.00	0.00	0.00	0.00
52.50	0.00	0.00	0.00	0.00
52.75	0.00	0.00	0.00	0.00
53.00	0.00	0.00	0.00	0.00
53.25	0.00	0.00	0.00	0.00
53.50	0.00	0.00	0.00	0.00
53.75	0.00	0.00	0.00	0.00
54.00	0.00	0.00	0.00	0.00
54.25	0.00	0.00	0.00	0.00
54.50	0.00	0.00	0.00	0.00
54.75	0.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	0.00
55.25	0.00	0.00	0.00	0.00
55.50	0.00	0.00	0.00	0.00
55.75	0.00	0.00	0.00	0.00
56.00	0.00	0.00	0.00	0.00
56.25	0.00	0.00	0.00	0.00
56.50	0.00	0.00	0.00	0.00
56.75	0.00	0.00	0.00	0.00
57.00	0.00	0.00	0.00	0.00
57.25	0.00	0.00	0.00	0.00
57.50	0.00	0.00	0.00	0.00
57.75	0.00	0.00	0.00	0.00
58.00	0.00	0.00	0.00	0.00
58.25	0.00	0.00	0.00	0.00
58.50	0.00	0.00	0.00	0.00
58.75	0.00	0.00	0.00	0.00
59.00	0.00	0.00	0.00	0.00
59.25	0.00	0.00	0.00	0.00
59.50	0.00	0.00	0.00	0.00
59.75	0.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	0.00
60.25	0.00	0.00	0.00	0.00
60.50	0.00	0.00	0.00	0.00
60.75	0.00	0.00	0.00	0.00
61.00	0.00	0.00	0.00	0.00
61.25	0.00	0.00	0.00	0.00
61.50	0.00	0.00	0.00	0.00
61.75	0.00	0.00	0.00	0.00
62.00	0.00	0.00	0.00	0.00
62.25	0.00	0.00	0.00	0.00
62.50	0.00	0.00	0.00	0.00
62.75	0.00	0.00	0.00	0.00
63.00	0.00	0.00	0.00	0.00
63.25	0.00	0.00	0.00	0.00
63.50	0.00	0.00	0.00	0.00
63.75	0.00	0.00	0.00	0.00
64.00	0.00	0.00	0.00	0.00
64.25	0.00	0.00	0.00	0.00
64.50	0.00	0.00	0.00	0.00
64.75	0.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	0.00
65.25	0.00	0.00	0.00	0.00
65.50	0.00	0.00	0.00	0.00
65.75	0.00	0.00	0.00	0.00
66.00	0.00	0.00	0.00	0.00
66.25	0.00	0.00	0.00	0.00
66.50	0.00	0.00	0.00	0.00
66.75	0.00	0.00	0.00	0.00
67.00	0.00	0.00	0.00	0.00
67.25	0.00	0.00	0.00	0.00
67.50	0.00	0.00	0.00	0.00
67.75	0.00	0.00	0.00	0.00
68.00	0.00	0.00	0.00	0.00
68.25	0.00	0.00	0.00	0.00
68.50	0.00	0.00	0.00	0.00
68.75	0.00	0.00	0.00	0.00
69.00	0.00	0.00	0.00	0.00
69.25	0.00	0.00	0.00	0.00
69.50	0.00	0.00	0.00	0.00
69.75	0.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	0.00
70.25	0.00	0.00	0.00	0.00
70.50	0.00	0.00	0.00	0.00
70.75	0.00	0.00	0.00	0.00
71.00	0.00	0.00	0.00	0.00
71.25	0.00	0.00	0.00	0.00
71.50	0.00	0.00	0.00	0.00
71.75	0.00	0.00	0.00	0.00
72.00	0.00	0.00	0.00	0.00

THE MAXIMUM DISCHARGE FROM CROSS SECTION 8 IS: 68.23 CFS AT TIME: 20.24 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 26.66 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 8

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00

3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00
13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	0.00
13.75	0.00	0.00	0.00	0.00
14.00	0.00	0.00	0.00	0.00
14.25	0.00	0.00	0.00	0.00
14.50	0.00	0.00	0.00	0.00
14.75	0.00	0.00	0.00	0.00
15.00	0.00	0.00	0.00	0.00
15.25	0.00	0.00	0.00	0.00
15.50	0.00	0.00	0.00	0.00
15.75	0.00	0.00	0.00	0.00
16.00	0.00	0.00	0.00	0.00
16.25	0.00	0.00	0.00	0.00
16.50	0.00	0.00	0.00	0.00
16.75	0.00	0.00	0.00	0.00
17.00	0.00	0.00	0.00	0.00
17.25	0.00	0.00	0.00	0.00
17.50	0.00	0.00	0.00	0.00
17.75	0.00	0.00	0.00	0.00
18.00	0.00	0.00	0.00	0.00
18.25	0.00	0.00	0.00	0.00
18.50	0.00	0.00	0.00	0.00
18.75	0.00	0.00	0.00	0.00
19.00	0.00	0.00	0.00	0.00
19.25	0.00	0.00	0.00	0.00
19.50	0.00	0.00	0.00	0.00
19.75	0.00	0.00	0.00	0.00
20.00	0.00	0.00	0.00	0.00
20.25	675.00	0.08	1.14	64.16
20.50	675.00	0.08	1.17	62.98
20.75	825.00	0.09	0.90	64.27
21.00	825.00	0.09	0.89	63.67
21.25	750.00	0.08	1.00	60.76
21.50	825.00	0.08	0.84	58.12
21.75	825.00	0.08	0.79	53.77
22.00	750.00	0.08	0.89	51.02
22.25	825.00	0.08	0.75	48.99
22.50	825.00	0.08	0.68	43.60
22.75	750.00	0.07	0.78	42.77
23.00	750.00	0.07	0.72	38.24
23.25	825.00	0.07	0.60	36.86
23.50	825.00	0.07	0.57	33.50
23.75	750.00	0.07	0.66	32.44
24.00	750.00	0.06	0.66	31.07
24.25	825.00	0.07	0.52	27.78
24.50	825.00	0.06	0.54	28.37
24.75	750.00	0.06	0.54	23.23
25.00	675.00	0.05	0.70	25.32
25.25	750.00	0.06	0.53	22.13
25.50	825.00	0.06	0.38	18.55
25.75	750.00	0.05	0.51	20.28
26.00	675.00	0.05	0.61	19.59
26.25	750.00	0.05	0.49	18.39
26.50	750.00	0.05	0.42	15.50
26.75	675.00	0.04	0.47	14.19
27.00	675.00	0.04	0.53	16.03
27.25	675.00	0.04	0.47	14.01
27.50	750.00	0.05	0.35	12.63
27.75	600.00	0.04	0.50	11.90
28.00	600.00	0.04	0.57	13.34
28.25	525.00	0.03	0.81	14.91
28.50	525.00	0.03	0.78	14.37
28.75	750.00	0.05	0.38	13.73
29.00	525.00	0.04	0.82	15.51
29.25	600.00	0.04	0.57	13.68
29.50	675.00	0.04	0.35	10.41
29.75	600.00	0.04	0.62	14.71

30.00	675.00	0.04	0.44	12.73
30.25	600.00	0.04	0.51	11.48
30.50	675.00	0.04	0.45	12.59
30.75	525.00	0.03	0.65	11.05
31.00	525.00	0.03	0.48	8.13
31.25	375.00	0.02	0.83	7.24
31.50	525.00	0.03	0.35	5.70
31.75	300.00	0.02	0.59	4.35
32.00	150.00	0.01	6.14	8.78
32.25	225.00	0.01	3.16	9.12
32.50	300.00	0.02	0.68	4.10
32.75	225.00	0.00	0.00	0.00
33.00	225.00	0.02	0.54	2.04
33.25	225.00	0.02	0.31	1.18
33.50	75.00	0.01	2.21	0.98
33.75	0.00	0.00	0.00	0.00
34.00	0.00	0.00	0.00	0.92
34.25	0.00	0.00	0.00	0.00
34.50	0.00	0.00	0.00	0.00
34.75	0.00	0.00	0.00	0.00
35.00	0.00	0.00	0.00	0.96
35.25	0.00	0.00	0.00	0.00
35.50	0.00	0.00	0.00	1.77
35.75	0.00	0.00	0.00	0.00
36.00	0.00	0.00	0.00	0.00
36.25	0.00	0.00	0.00	0.00
36.50	0.00	0.00	0.00	0.00
36.75	75.00	0.00	1.88	0.59
37.00	0.00	0.00	0.00	0.00
37.25	0.00	0.00	0.00	0.00
37.50	0.00	0.00	0.00	0.00
37.75	0.00	0.00	0.00	0.00
38.00	0.00	0.00	0.00	0.00
38.25	0.00	0.00	0.00	0.00
38.50	0.00	0.00	0.00	0.00
38.75	0.00	0.00	0.00	0.00
39.00	0.00	0.00	0.00	0.00
39.25	0.00	0.00	0.00	0.00
39.50	0.00	0.00	0.00	0.00
39.75	0.00	0.00	0.00	0.00
40.00	0.00	0.00	0.00	0.00
40.25	0.00	0.00	0.00	0.00
40.50	0.00	0.00	0.00	0.00
40.75	0.00	0.00	0.00	0.00
41.00	0.00	0.00	0.00	0.00
41.25	0.00	0.00	0.00	0.00
41.50	0.00	0.00	0.00	0.00
41.75	0.00	0.00	0.00	0.00
42.00	0.00	0.00	0.00	0.00
42.25	0.00	0.00	0.00	0.00
42.50	0.00	0.00	0.00	0.00
42.75	0.00	0.00	0.00	0.00
43.00	0.00	0.00	0.00	0.00
43.25	0.00	0.00	0.00	0.00
43.50	0.00	0.00	0.00	0.00
43.75	0.00	0.00	0.00	0.00
44.00	0.00	0.00	0.00	0.00
44.25	0.00	0.00	0.00	0.00
44.50	0.00	0.00	0.00	0.00
44.75	0.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	0.00
45.25	0.00	0.00	0.00	0.00
45.50	0.00	0.00	0.00	0.00
45.75	0.00	0.00	0.00	0.00
46.00	0.00	0.00	0.00	0.00
46.25	0.00	0.00	0.00	0.00
46.50	0.00	0.00	0.00	0.00
46.75	0.00	0.00	0.00	0.00
47.00	0.00	0.00	0.00	0.00
47.25	0.00	0.00	0.00	0.00
47.50	0.00	0.00	0.00	0.00
47.75	0.00	0.00	0.00	0.00
48.00	0.00	0.00	0.00	0.00
48.25	0.00	0.00	0.00	0.00
48.50	0.00	0.00	0.00	0.00
48.75	0.00	0.00	0.00	0.00
49.00	0.00	0.00	0.00	0.00
49.25	0.00	0.00	0.00	0.00
49.50	0.00	0.00	0.00	0.00
49.75	0.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	0.00
50.25	0.00	0.00	0.00	0.00
50.50	0.00	0.00	0.00	0.00
50.75	0.00	0.00	0.00	0.00
51.00	0.00	0.00	0.00	0.00
51.25	0.00	0.00	0.00	0.00
51.50	0.00	0.00	0.00	0.00
51.75	0.00	0.00	0.00	0.00
52.00	0.00	0.00	0.00	0.00
52.25	0.00	0.00	0.00	0.00
52.50	0.00	0.00	0.00	0.00
52.75	0.00	0.00	0.00	0.00
53.00	0.00	0.00	0.00	0.00
53.25	0.00	0.00	0.00	0.00
53.50	0.00	0.00	0.00	0.00
53.75	0.00	0.00	0.00	0.00
54.00	0.00	0.00	0.00	0.00
54.25	0.00	0.00	0.00	0.00
54.50	0.00	0.00	0.00	0.00
54.75	0.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	0.00
55.25	0.00	0.00	0.00	0.00
55.50	0.00	0.00	0.00	0.00
55.75	0.00	0.00	0.00	0.00
56.00	0.00	0.00	0.00	0.00
56.25	0.00	0.00	0.00	0.00

56.50	0.00	0.00	0.00	0.00
56.75	0.00	0.00	0.00	0.00
57.00	0.00	0.00	0.00	0.00
57.25	0.00	0.00	0.00	0.00
57.50	0.00	0.00	0.00	0.00
57.75	0.00	0.00	0.00	0.00
58.00	0.00	0.00	0.00	0.00
58.25	0.00	0.00	0.00	0.00
58.50	0.00	0.00	0.00	0.00
58.75	0.00	0.00	0.00	0.00
59.00	0.00	0.00	0.00	0.00
59.25	0.00	0.00	0.00	0.00
59.50	0.00	0.00	0.00	0.00
59.75	0.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	0.00
60.25	0.00	0.00	0.00	0.00
60.50	0.00	0.00	0.00	0.00
60.75	0.00	0.00	0.00	0.00
61.00	0.00	0.00	0.00	0.00
61.25	0.00	0.00	0.00	0.00
61.50	0.00	0.00	0.00	0.00
61.75	0.00	0.00	0.00	0.00
62.00	0.00	0.00	0.00	0.00
62.25	0.00	0.00	0.00	0.00
62.50	0.00	0.00	0.00	0.00
62.75	0.00	0.00	0.00	0.00
63.00	0.00	0.00	0.00	0.00
63.25	0.00	0.00	0.00	0.00
63.50	0.00	0.00	0.00	0.00
63.75	0.00	0.00	0.00	0.00
64.00	0.00	0.00	0.00	0.00
64.25	0.00	0.00	0.00	0.00
64.50	0.00	0.00	0.00	0.00
64.75	0.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	0.00
65.25	0.00	0.00	0.00	0.00
65.50	0.00	0.00	0.00	0.00
65.75	0.00	0.00	0.00	0.00
66.00	0.00	0.00	0.00	0.00
66.25	0.00	0.00	0.00	0.00
66.50	0.00	0.00	0.00	0.00
66.75	0.00	0.00	0.00	0.00
67.00	0.00	0.00	0.00	0.00
67.25	0.00	0.00	0.00	0.00
67.50	0.00	0.00	0.00	0.00
67.75	0.00	0.00	0.00	0.00
68.00	0.00	0.00	0.00	0.00
68.25	0.00	0.00	0.00	0.00
68.50	0.00	0.00	0.00	0.00
68.75	0.00	0.00	0.00	0.00
69.00	0.00	0.00	0.00	0.00
69.25	0.00	0.00	0.00	0.00
69.50	0.00	0.00	0.00	0.00
69.75	0.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	0.00
70.25	0.00	0.00	0.00	0.00
70.50	0.00	0.00	0.00	0.00
70.75	0.00	0.00	0.00	0.00
71.00	0.00	0.00	0.00	0.00
71.25	0.00	0.00	0.00	0.00
71.50	0.00	0.00	0.00	0.00
71.75	0.00	0.00	0.00	0.00
72.00	0.00	0.00	0.00	0.00

THE MAXIMUM DISCHARGE FROM CROSS SECTION 9 IS: 0.00 CFS AT TIME: 0.00 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 0.00 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 9

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00

8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00
13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	0.00
13.75	0.00	0.00	0.00	0.00
14.00	0.00	0.00	0.00	0.00
14.25	0.00	0.00	0.00	0.00
14.50	0.00	0.00	0.00	0.00
14.75	0.00	0.00	0.00	0.00
15.00	0.00	0.00	0.00	0.00
15.25	0.00	0.00	0.00	0.00
15.50	0.00	0.00	0.00	0.00
15.75	0.00	0.00	0.00	0.00
16.00	0.00	0.00	0.00	0.00
16.25	0.00	0.00	0.00	0.00
16.50	0.00	0.00	0.00	0.00
16.75	0.00	0.00	0.00	0.00
17.00	0.00	0.00	0.00	0.00
17.25	0.00	0.00	0.00	0.00
17.50	0.00	0.00	0.00	0.00
17.75	0.00	0.00	0.00	0.00
18.00	0.00	0.00	0.00	0.00
18.25	0.00	0.00	0.00	0.00
18.50	0.00	0.00	0.00	0.00
18.75	0.00	0.00	0.00	0.00
19.00	0.00	0.00	0.00	0.00
19.25	0.00	0.00	0.00	0.00
19.50	0.00	0.00	0.00	0.00
19.75	0.00	0.00	0.00	0.00
20.00	0.00	0.00	0.00	0.00
20.25	0.00	0.00	0.00	0.00
20.50	0.00	0.00	0.00	0.00
20.75	0.00	0.00	0.00	0.00
21.00	0.00	0.00	0.00	0.00
21.25	0.00	0.00	0.00	0.00
21.50	0.00	0.00	0.00	0.00
21.75	0.00	0.00	0.00	0.00
22.00	0.00	0.00	0.00	0.00
22.25	0.00	0.00	0.00	0.00
22.50	0.00	0.00	0.00	0.00
22.75	0.00	0.00	0.00	0.00
23.00	0.00	0.00	0.00	0.00
23.25	0.00	0.00	0.00	0.00
23.50	0.00	0.00	0.00	0.00
23.75	0.00	0.00	0.00	0.00
24.00	0.00	0.00	0.00	0.00
24.25	0.00	0.00	0.00	0.00
24.50	0.00	0.00	0.00	0.00
24.75	0.00	0.00	0.00	0.00
25.00	0.00	0.00	0.00	0.00
25.25	0.00	0.00	0.00	0.00
25.50	0.00	0.00	0.00	0.00
25.75	0.00	0.00	0.00	0.00
26.00	0.00	0.00	0.00	0.00
26.25	0.00	0.00	0.00	0.00
26.50	0.00	0.00	0.00	0.00
26.75	0.00	0.00	0.00	0.00
27.00	0.00	0.00	0.00	0.00
27.25	0.00	0.00	0.00	0.00
27.50	0.00	0.00	0.00	0.00
27.75	0.00	0.00	0.00	0.00
28.00	0.00	0.00	0.00	0.00
28.25	0.00	0.00	0.00	0.00
28.50	0.00	0.00	0.00	0.00
28.75	0.00	0.00	0.00	0.00
29.00	0.00	0.00	0.00	0.00
29.25	0.00	0.00	0.00	0.00
29.50	0.00	0.00	0.00	0.00
29.75	0.00	0.00	0.00	0.00
30.00	0.00	0.00	0.00	0.00
30.25	0.00	0.00	0.00	0.00
30.50	0.00	0.00	0.00	0.00
30.75	0.00	0.00	0.00	0.00
31.00	0.00	0.00	0.00	0.00
31.25	0.00	0.00	0.00	0.00
31.50	0.00	0.00	0.00	0.00
31.75	0.00	0.00	0.00	0.00
32.00	0.00	0.00	0.00	0.00
32.25	0.00	0.00	0.00	0.00
32.50	0.00	0.00	0.00	0.00
32.75	0.00	0.00	0.00	0.00
33.00	0.00	0.00	0.00	0.00
33.25	0.00	0.00	0.00	0.00
33.50	0.00	0.00	0.00	0.00
33.75	0.00	0.00	0.00	0.00
34.00	0.00	0.00	0.00	0.00
34.25	0.00	0.00	0.00	0.00
34.50	0.00	0.00	0.00	0.00

34.75	0.00	0.00	0.00	0.00
35.00	0.00	0.00	0.00	0.00
35.25	0.00	0.00	0.00	0.00
35.50	0.00	0.00	0.00	0.00
35.75	0.00	0.00	0.00	0.00
36.00	0.00	0.00	0.00	0.00
36.25	0.00	0.00	0.00	0.00
36.50	0.00	0.00	0.00	0.00
36.75	0.00	0.00	0.00	0.00
37.00	0.00	0.00	0.00	0.00
37.25	0.00	0.00	0.00	0.00
37.50	0.00	0.00	0.00	0.00
37.75	0.00	0.00	0.00	0.00
38.00	0.00	0.00	0.00	0.00
38.25	0.00	0.00	0.00	0.00
38.50	0.00	0.00	0.00	0.00
38.75	0.00	0.00	0.00	0.00
39.00	0.00	0.00	0.00	0.00
39.25	0.00	0.00	0.00	0.00
39.50	0.00	0.00	0.00	0.00
39.75	0.00	0.00	0.00	0.00
40.00	0.00	0.00	0.00	0.00
40.25	0.00	0.00	0.00	0.00
40.50	0.00	0.00	0.00	0.00
40.75	0.00	0.00	0.00	0.00
41.00	0.00	0.00	0.00	0.00
41.25	0.00	0.00	0.00	0.00
41.50	0.00	0.00	0.00	0.00
41.75	0.00	0.00	0.00	0.00
42.00	0.00	0.00	0.00	0.00
42.25	0.00	0.00	0.00	0.00
42.50	0.00	0.00	0.00	0.00
42.75	0.00	0.00	0.00	0.00
43.00	0.00	0.00	0.00	0.00
43.25	0.00	0.00	0.00	0.00
43.50	0.00	0.00	0.00	0.00
43.75	0.00	0.00	0.00	0.00
44.00	0.00	0.00	0.00	0.00
44.25	0.00	0.00	0.00	0.00
44.50	0.00	0.00	0.00	0.00
44.75	0.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	0.00
45.25	0.00	0.00	0.00	0.00
45.50	0.00	0.00	0.00	0.00
45.75	0.00	0.00	0.00	0.00
46.00	0.00	0.00	0.00	0.00
46.25	0.00	0.00	0.00	0.00
46.50	0.00	0.00	0.00	0.00
46.75	0.00	0.00	0.00	0.00
47.00	0.00	0.00	0.00	0.00
47.25	0.00	0.00	0.00	0.00
47.50	0.00	0.00	0.00	0.00
47.75	0.00	0.00	0.00	0.00
48.00	0.00	0.00	0.00	0.00
48.25	0.00	0.00	0.00	0.00
48.50	0.00	0.00	0.00	0.00
48.75	0.00	0.00	0.00	0.00
49.00	0.00	0.00	0.00	0.00
49.25	0.00	0.00	0.00	0.00
49.50	0.00	0.00	0.00	0.00
49.75	0.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	0.00
50.25	0.00	0.00	0.00	0.00
50.50	0.00	0.00	0.00	0.00
50.75	0.00	0.00	0.00	0.00
51.00	0.00	0.00	0.00	0.00
51.25	0.00	0.00	0.00	0.00
51.50	0.00	0.00	0.00	0.00
51.75	0.00	0.00	0.00	0.00
52.00	0.00	0.00	0.00	0.00
52.25	0.00	0.00	0.00	0.00
52.50	0.00	0.00	0.00	0.00
52.75	0.00	0.00	0.00	0.00
53.00	0.00	0.00	0.00	0.00
53.25	0.00	0.00	0.00	0.00
53.50	0.00	0.00	0.00	0.00
53.75	0.00	0.00	0.00	0.00
54.00	0.00	0.00	0.00	0.00
54.25	0.00	0.00	0.00	0.00
54.50	0.00	0.00	0.00	0.00
54.75	0.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	0.00
55.25	0.00	0.00	0.00	0.00
55.50	0.00	0.00	0.00	0.00
55.75	0.00	0.00	0.00	0.00
56.00	0.00	0.00	0.00	0.00
56.25	0.00	0.00	0.00	0.00
56.50	0.00	0.00	0.00	0.00
56.75	0.00	0.00	0.00	0.00
57.00	0.00	0.00	0.00	0.00
57.25	0.00	0.00	0.00	0.00
57.50	0.00	0.00	0.00	0.00
57.75	0.00	0.00	0.00	0.00
58.00	0.00	0.00	0.00	0.00
58.25	0.00	0.00	0.00	0.00
58.50	0.00	0.00	0.00	0.00
58.75	0.00	0.00	0.00	0.00
59.00	0.00	0.00	0.00	0.00
59.25	0.00	0.00	0.00	0.00
59.50	0.00	0.00	0.00	0.00
59.75	0.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	0.00
60.25	0.00	0.00	0.00	0.00
60.50	0.00	0.00	0.00	0.00
60.75	0.00	0.00	0.00	0.00
61.00	0.00	0.00	0.00	0.00

61.25	0.00	0.00	0.00	0.00
61.50	0.00	0.00	0.00	0.00
61.75	0.00	0.00	0.00	0.00
62.00	0.00	0.00	0.00	0.00
62.25	0.00	0.00	0.00	0.00
62.50	0.00	0.00	0.00	0.00
62.75	0.00	0.00	0.00	0.00
63.00	0.00	0.00	0.00	0.00
63.25	0.00	0.00	0.00	0.00
63.50	0.00	0.00	0.00	0.00
63.75	0.00	0.00	0.00	0.00
64.00	0.00	0.00	0.00	0.00
64.25	0.00	0.00	0.00	0.00
64.50	0.00	0.00	0.00	0.00
64.75	0.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	0.00
65.25	0.00	0.00	0.00	0.00
65.50	0.00	0.00	0.00	0.00
65.75	0.00	0.00	0.00	0.00
66.00	0.00	0.00	0.00	0.00
66.25	0.00	0.00	0.00	0.00
66.50	0.00	0.00	0.00	0.00
66.75	0.00	0.00	0.00	0.00
67.00	0.00	0.00	0.00	0.00
67.25	0.00	0.00	0.00	0.00
67.50	0.00	0.00	0.00	0.00
67.75	0.00	0.00	0.00	0.00
68.00	0.00	0.00	0.00	0.00
68.25	0.00	0.00	0.00	0.00
68.50	0.00	0.00	0.00	0.00
68.75	0.00	0.00	0.00	0.00
69.00	0.00	0.00	0.00	0.00
69.25	0.00	0.00	0.00	0.00
69.50	0.00	0.00	0.00	0.00
69.75	0.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	0.00
70.25	0.00	0.00	0.00	0.00
70.50	0.00	0.00	0.00	0.00
70.75	0.00	0.00	0.00	0.00
71.00	0.00	0.00	0.00	0.00
71.25	0.00	0.00	0.00	0.00
71.50	0.00	0.00	0.00	0.00
71.75	0.00	0.00	0.00	0.00
72.00	0.00	0.00	0.00	0.00

THE MAXIMUM DISCHARGE FROM CROSS SECTION 10 IS: 0.00 CFS AT TIME: 0.00 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 0.00 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 10

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00

13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	0.00
13.75	0.00	0.00	0.00	0.00
14.00	0.00	0.00	0.00	0.00
14.25	0.00	0.00	0.00	0.00
14.50	0.00	0.00	0.00	0.00
14.75	0.00	0.00	0.00	0.00
15.00	0.00	0.00	0.00	0.00
15.25	0.00	0.00	0.00	0.00
15.50	0.00	0.00	0.00	0.00
15.75	0.00	0.00	0.00	0.00
16.00	0.00	0.00	0.00	0.00
16.25	0.00	0.00	0.00	0.00
16.50	0.00	0.00	0.00	0.00
16.75	0.00	0.00	0.00	0.00
17.00	0.00	0.00	0.00	0.00
17.25	0.00	0.00	0.00	0.00
17.50	0.00	0.00	0.00	0.00
17.75	0.00	0.00	0.00	0.00
18.00	0.00	0.00	0.00	0.00
18.25	0.00	0.00	0.00	0.00
18.50	0.00	0.00	0.00	0.00
18.75	0.00	0.00	0.00	0.00
19.00	0.00	0.00	0.00	0.00
19.25	0.00	0.00	0.00	0.00
19.50	0.00	0.00	0.00	0.00
19.75	0.00	0.00	0.00	0.00
20.00	0.00	0.00	0.00	0.00
20.25	0.00	0.00	0.00	0.00
20.50	0.00	0.00	0.00	0.00
20.75	0.00	0.00	0.00	0.00
21.00	0.00	0.00	0.00	0.00
21.25	0.00	0.00	0.00	0.00
21.50	0.00	0.00	0.00	0.00
21.75	0.00	0.00	0.00	0.00
22.00	0.00	0.00	0.00	0.00
22.25	0.00	0.00	0.00	0.00
22.50	0.00	0.00	0.00	0.00
22.75	0.00	0.00	0.00	0.00
23.00	0.00	0.00	0.00	0.00
23.25	0.00	0.00	0.00	0.00
23.50	0.00	0.00	0.00	0.00
23.75	0.00	0.00	0.00	0.00
24.00	0.00	0.00	0.00	0.00
24.25	0.00	0.00	0.00	0.00
24.50	0.00	0.00	0.00	0.00
24.75	0.00	0.00	0.00	0.00
25.00	0.00	0.00	0.00	0.00
25.25	0.00	0.00	0.00	0.00
25.50	0.00	0.00	0.00	0.00
25.75	0.00	0.00	0.00	0.00
26.00	0.00	0.00	0.00	0.00
26.25	0.00	0.00	0.00	0.00
26.50	0.00	0.00	0.00	0.00
26.75	0.00	0.00	0.00	0.00
27.00	0.00	0.00	0.00	0.00
27.25	0.00	0.00	0.00	0.00
27.50	0.00	0.00	0.00	0.00
27.75	0.00	0.00	0.00	0.00
28.00	0.00	0.00	0.00	0.00
28.25	0.00	0.00	0.00	0.00
28.50	0.00	0.00	0.00	0.00
28.75	0.00	0.00	0.00	0.00
29.00	0.00	0.00	0.00	0.00
29.25	0.00	0.00	0.00	0.00
29.50	0.00	0.00	0.00	0.00
29.75	0.00	0.00	0.00	0.00
30.00	0.00	0.00	0.00	0.00
30.25	0.00	0.00	0.00	0.00
30.50	0.00	0.00	0.00	0.00
30.75	0.00	0.00	0.00	0.00
31.00	0.00	0.00	0.00	0.00
31.25	0.00	0.00	0.00	0.00
31.50	0.00	0.00	0.00	0.00
31.75	0.00	0.00	0.00	0.00
32.00	0.00	0.00	0.00	0.00
32.25	0.00	0.00	0.00	0.00
32.50	0.00	0.00	0.00	0.00
32.75	0.00	0.00	0.00	0.00
33.00	0.00	0.00	0.00	0.00
33.25	0.00	0.00	0.00	0.00
33.50	0.00	0.00	0.00	0.00
33.75	0.00	0.00	0.00	0.00
34.00	0.00	0.00	0.00	0.00
34.25	0.00	0.00	0.00	0.00
34.50	0.00	0.00	0.00	0.00
34.75	0.00	0.00	0.00	0.00
35.00	0.00	0.00	0.00	0.00
35.25	0.00	0.00	0.00	0.00
35.50	0.00	0.00	0.00	0.00
35.75	0.00	0.00	0.00	0.00
36.00	0.00	0.00	0.00	0.00
36.25	0.00	0.00	0.00	0.00
36.50	0.00	0.00	0.00	0.00
36.75	0.00	0.00	0.00	0.00
37.00	0.00	0.00	0.00	0.00
37.25	0.00	0.00	0.00	0.00
37.50	0.00	0.00	0.00	0.00
37.75	0.00	0.00	0.00	0.00
38.00	0.00	0.00	0.00	0.00
38.25	0.00	0.00	0.00	0.00
38.50	0.00	0.00	0.00	0.00
38.75	0.00	0.00	0.00	0.00
39.00	0.00	0.00	0.00	0.00
39.25	0.00	0.00	0.00	0.00

39.50	0.00	0.00	0.00	0.00
39.75	0.00	0.00	0.00	0.00
40.00	0.00	0.00	0.00	0.00
40.25	0.00	0.00	0.00	0.00
40.50	0.00	0.00	0.00	0.00
40.75	0.00	0.00	0.00	0.00
41.00	0.00	0.00	0.00	0.00
41.25	0.00	0.00	0.00	0.00
41.50	0.00	0.00	0.00	0.00
41.75	0.00	0.00	0.00	0.00
42.00	0.00	0.00	0.00	0.00
42.25	0.00	0.00	0.00	0.00
42.50	0.00	0.00	0.00	0.00
42.75	0.00	0.00	0.00	0.00
43.00	0.00	0.00	0.00	0.00
43.25	0.00	0.00	0.00	0.00
43.50	0.00	0.00	0.00	0.00
43.75	0.00	0.00	0.00	0.00
44.00	0.00	0.00	0.00	0.00
44.25	0.00	0.00	0.00	0.00
44.50	0.00	0.00	0.00	0.00
44.75	0.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	0.00
45.25	0.00	0.00	0.00	0.00
45.50	0.00	0.00	0.00	0.00
45.75	0.00	0.00	0.00	0.00
46.00	0.00	0.00	0.00	0.00
46.25	0.00	0.00	0.00	0.00
46.50	0.00	0.00	0.00	0.00
46.75	0.00	0.00	0.00	0.00
47.00	0.00	0.00	0.00	0.00
47.25	0.00	0.00	0.00	0.00
47.50	0.00	0.00	0.00	0.00
47.75	0.00	0.00	0.00	0.00
48.00	0.00	0.00	0.00	0.00
48.25	0.00	0.00	0.00	0.00
48.50	0.00	0.00	0.00	0.00
48.75	0.00	0.00	0.00	0.00
49.00	0.00	0.00	0.00	0.00
49.25	0.00	0.00	0.00	0.00
49.50	0.00	0.00	0.00	0.00
49.75	0.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	0.00
50.25	0.00	0.00	0.00	0.00
50.50	0.00	0.00	0.00	0.00
50.75	0.00	0.00	0.00	0.00
51.00	0.00	0.00	0.00	0.00
51.25	0.00	0.00	0.00	0.00
51.50	0.00	0.00	0.00	0.00
51.75	0.00	0.00	0.00	0.00
52.00	0.00	0.00	0.00	0.00
52.25	0.00	0.00	0.00	0.00
52.50	0.00	0.00	0.00	0.00
52.75	0.00	0.00	0.00	0.00
53.00	0.00	0.00	0.00	0.00
53.25	0.00	0.00	0.00	0.00
53.50	0.00	0.00	0.00	0.00
53.75	0.00	0.00	0.00	0.00
54.00	0.00	0.00	0.00	0.00
54.25	0.00	0.00	0.00	0.00
54.50	0.00	0.00	0.00	0.00
54.75	0.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	0.00
55.25	0.00	0.00	0.00	0.00
55.50	0.00	0.00	0.00	0.00
55.75	0.00	0.00	0.00	0.00
56.00	0.00	0.00	0.00	0.00
56.25	0.00	0.00	0.00	0.00
56.50	0.00	0.00	0.00	0.00
56.75	0.00	0.00	0.00	0.00
57.00	0.00	0.00	0.00	0.00
57.25	0.00	0.00	0.00	0.00
57.50	0.00	0.00	0.00	0.00
57.75	0.00	0.00	0.00	0.00
58.00	0.00	0.00	0.00	0.00
58.25	0.00	0.00	0.00	0.00
58.50	0.00	0.00	0.00	0.00
58.75	0.00	0.00	0.00	0.00
59.00	0.00	0.00	0.00	0.00
59.25	0.00	0.00	0.00	0.00
59.50	0.00	0.00	0.00	0.00
59.75	0.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	0.00
60.25	0.00	0.00	0.00	0.00
60.50	0.00	0.00	0.00	0.00
60.75	0.00	0.00	0.00	0.00
61.00	0.00	0.00	0.00	0.00
61.25	0.00	0.00	0.00	0.00
61.50	0.00	0.00	0.00	0.00
61.75	0.00	0.00	0.00	0.00
62.00	0.00	0.00	0.00	0.00
62.25	0.00	0.00	0.00	0.00
62.50	0.00	0.00	0.00	0.00
62.75	0.00	0.00	0.00	0.00
63.00	0.00	0.00	0.00	0.00
63.25	0.00	0.00	0.00	0.00
63.50	0.00	0.00	0.00	0.00
63.75	0.00	0.00	0.00	0.00
64.00	0.00	0.00	0.00	0.00
64.25	0.00	0.00	0.00	0.00
64.50	0.00	0.00	0.00	0.00
64.75	0.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	0.00
65.25	0.00	0.00	0.00	0.00
65.50	0.00	0.00	0.00	0.00
65.75	0.00	0.00	0.00	0.00

66.00	0.00	0.00	0.00	0.00
66.25	0.00	0.00	0.00	0.00
66.50	0.00	0.00	0.00	0.00
66.75	0.00	0.00	0.00	0.00
67.00	0.00	0.00	0.00	0.00
67.25	0.00	0.00	0.00	0.00
67.50	0.00	0.00	0.00	0.00
67.75	0.00	0.00	0.00	0.00
68.00	0.00	0.00	0.00	0.00
68.25	0.00	0.00	0.00	0.00
68.50	0.00	0.00	0.00	0.00
68.75	0.00	0.00	0.00	0.00
69.00	0.00	0.00	0.00	0.00
69.25	0.00	0.00	0.00	0.00
69.50	0.00	0.00	0.00	0.00
69.75	0.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	0.00
70.25	0.00	0.00	0.00	0.00
70.50	0.00	0.00	0.00	0.00
70.75	0.00	0.00	0.00	0.00
71.00	0.00	0.00	0.00	0.00
71.25	0.00	0.00	0.00	0.00
71.50	0.00	0.00	0.00	0.00
71.75	0.00	0.00	0.00	0.00
72.00	0.00	0.00	0.00	0.00

THE MAXIMUM DISCHARGE FROM CROSS SECTION 11 IS: 0.00 CFS AT TIME: 0.00 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 0.00 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 11

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00
13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	0.00
13.75	0.00	0.00	0.00	0.00
14.00	0.00	0.00	0.00	0.00
14.25	0.00	0.00	0.00	0.00
14.50	0.00	0.00	0.00	0.00
14.75	0.00	0.00	0.00	0.00
15.00	0.00	0.00	0.00	0.00
15.25	0.00	0.00	0.00	0.00
15.50	0.00	0.00	0.00	0.00
15.75	0.00	0.00	0.00	0.00
16.00	0.00	0.00	0.00	0.00
16.25	0.00	0.00	0.00	0.00
16.50	0.00	0.00	0.00	0.00
16.75	0.00	0.00	0.00	0.00
17.00	0.00	0.00	0.00	0.00
17.25	0.00	0.00	0.00	0.00
17.50	0.00	0.00	0.00	0.00

17.75	0.00	0.00	0.00	0.00
18.00	0.00	0.00	0.00	0.00
18.25	0.00	0.00	0.00	0.00
18.50	0.00	0.00	0.00	0.00
18.75	0.00	0.00	0.00	0.00
19.00	0.00	0.00	0.00	0.00
19.25	0.00	0.00	0.00	0.00
19.50	0.00	0.00	0.00	0.00
19.75	0.00	0.00	0.00	0.00
20.00	0.00	0.00	0.00	0.00
20.25	0.00	0.00	0.00	0.00
20.50	0.00	0.00	0.00	0.00
20.75	0.00	0.00	0.00	0.00
21.00	0.00	0.00	0.00	0.00
21.25	0.00	0.00	0.00	0.00
21.50	0.00	0.00	0.00	0.00
21.75	0.00	0.00	0.00	0.00
22.00	0.00	0.00	0.00	0.00
22.25	0.00	0.00	0.00	0.00
22.50	0.00	0.00	0.00	0.00
22.75	0.00	0.00	0.00	0.00
23.00	0.00	0.00	0.00	0.00
23.25	0.00	0.00	0.00	0.00
23.50	0.00	0.00	0.00	0.00
23.75	0.00	0.00	0.00	0.00
24.00	0.00	0.00	0.00	0.00
24.25	0.00	0.00	0.00	0.00
24.50	0.00	0.00	0.00	0.00
24.75	0.00	0.00	0.00	0.00
25.00	0.00	0.00	0.00	0.00
25.25	0.00	0.00	0.00	0.00
25.50	0.00	0.00	0.00	0.00
25.75	0.00	0.00	0.00	0.00
26.00	0.00	0.00	0.00	0.00
26.25	0.00	0.00	0.00	0.00
26.50	0.00	0.00	0.00	0.00
26.75	0.00	0.00	0.00	0.00
27.00	0.00	0.00	0.00	0.00
27.25	0.00	0.00	0.00	0.00
27.50	0.00	0.00	0.00	0.00
27.75	0.00	0.00	0.00	0.00
28.00	0.00	0.00	0.00	0.00
28.25	0.00	0.00	0.00	0.00
28.50	0.00	0.00	0.00	0.00
28.75	0.00	0.00	0.00	0.00
29.00	0.00	0.00	0.00	0.00
29.25	0.00	0.00	0.00	0.00
29.50	0.00	0.00	0.00	0.00
29.75	0.00	0.00	0.00	0.00
30.00	0.00	0.00	0.00	0.00
30.25	0.00	0.00	0.00	0.00
30.50	0.00	0.00	0.00	0.00
30.75	0.00	0.00	0.00	0.00
31.00	0.00	0.00	0.00	0.00
31.25	0.00	0.00	0.00	0.00
31.50	0.00	0.00	0.00	0.00
31.75	0.00	0.00	0.00	0.00
32.00	0.00	0.00	0.00	0.00
32.25	0.00	0.00	0.00	0.00
32.50	0.00	0.00	0.00	0.00
32.75	0.00	0.00	0.00	0.00
33.00	0.00	0.00	0.00	0.00
33.25	0.00	0.00	0.00	0.00
33.50	0.00	0.00	0.00	0.00
33.75	0.00	0.00	0.00	0.00
34.00	0.00	0.00	0.00	0.00
34.25	0.00	0.00	0.00	0.00
34.50	0.00	0.00	0.00	0.00
34.75	0.00	0.00	0.00	0.00
35.00	0.00	0.00	0.00	0.00
35.25	0.00	0.00	0.00	0.00
35.50	0.00	0.00	0.00	0.00
35.75	0.00	0.00	0.00	0.00
36.00	0.00	0.00	0.00	0.00
36.25	0.00	0.00	0.00	0.00
36.50	0.00	0.00	0.00	0.00
36.75	0.00	0.00	0.00	0.00
37.00	0.00	0.00	0.00	0.00
37.25	0.00	0.00	0.00	0.00
37.50	0.00	0.00	0.00	0.00
37.75	0.00	0.00	0.00	0.00
38.00	0.00	0.00	0.00	0.00
38.25	0.00	0.00	0.00	0.00
38.50	0.00	0.00	0.00	0.00
38.75	0.00	0.00	0.00	0.00
39.00	0.00	0.00	0.00	0.00
39.25	0.00	0.00	0.00	0.00
39.50	0.00	0.00	0.00	0.00
39.75	0.00	0.00	0.00	0.00
40.00	0.00	0.00	0.00	0.00
40.25	0.00	0.00	0.00	0.00
40.50	0.00	0.00	0.00	0.00
40.75	0.00	0.00	0.00	0.00
41.00	0.00	0.00	0.00	0.00
41.25	0.00	0.00	0.00	0.00
41.50	0.00	0.00	0.00	0.00
41.75	0.00	0.00	0.00	0.00
42.00	0.00	0.00	0.00	0.00
42.25	0.00	0.00	0.00	0.00
42.50	0.00	0.00	0.00	0.00
42.75	0.00	0.00	0.00	0.00
43.00	0.00	0.00	0.00	0.00
43.25	0.00	0.00	0.00	0.00
43.50	0.00	0.00	0.00	0.00
43.75	0.00	0.00	0.00	0.00
44.00	0.00	0.00	0.00	0.00

44.25	0.00	0.00	0.00	0.00
44.50	0.00	0.00	0.00	0.00
44.75	0.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	0.00
45.25	0.00	0.00	0.00	0.00
45.50	0.00	0.00	0.00	0.00
45.75	0.00	0.00	0.00	0.00
46.00	0.00	0.00	0.00	0.00
46.25	0.00	0.00	0.00	0.00
46.50	0.00	0.00	0.00	0.00
46.75	0.00	0.00	0.00	0.00
47.00	0.00	0.00	0.00	0.00
47.25	0.00	0.00	0.00	0.00
47.50	0.00	0.00	0.00	0.00
47.75	0.00	0.00	0.00	0.00
48.00	0.00	0.00	0.00	0.00
48.25	0.00	0.00	0.00	0.00
48.50	0.00	0.00	0.00	0.00
48.75	0.00	0.00	0.00	0.00
49.00	0.00	0.00	0.00	0.00
49.25	0.00	0.00	0.00	0.00
49.50	0.00	0.00	0.00	0.00
49.75	0.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	0.00
50.25	0.00	0.00	0.00	0.00
50.50	0.00	0.00	0.00	0.00
50.75	0.00	0.00	0.00	0.00
51.00	0.00	0.00	0.00	0.00
51.25	0.00	0.00	0.00	0.00
51.50	0.00	0.00	0.00	0.00
51.75	0.00	0.00	0.00	0.00
52.00	0.00	0.00	0.00	0.00
52.25	0.00	0.00	0.00	0.00
52.50	0.00	0.00	0.00	0.00
52.75	0.00	0.00	0.00	0.00
53.00	0.00	0.00	0.00	0.00
53.25	0.00	0.00	0.00	0.00
53.50	0.00	0.00	0.00	0.00
53.75	0.00	0.00	0.00	0.00
54.00	0.00	0.00	0.00	0.00
54.25	0.00	0.00	0.00	0.00
54.50	0.00	0.00	0.00	0.00
54.75	0.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	0.00
55.25	0.00	0.00	0.00	0.00
55.50	0.00	0.00	0.00	0.00
55.75	0.00	0.00	0.00	0.00
56.00	0.00	0.00	0.00	0.00
56.25	0.00	0.00	0.00	0.00
56.50	0.00	0.00	0.00	0.00
56.75	0.00	0.00	0.00	0.00
57.00	0.00	0.00	0.00	0.00
57.25	0.00	0.00	0.00	0.00
57.50	0.00	0.00	0.00	0.00
57.75	0.00	0.00	0.00	0.00
58.00	0.00	0.00	0.00	0.00
58.25	0.00	0.00	0.00	0.00
58.50	0.00	0.00	0.00	0.00
58.75	0.00	0.00	0.00	0.00
59.00	0.00	0.00	0.00	0.00
59.25	0.00	0.00	0.00	0.00
59.50	0.00	0.00	0.00	0.00
59.75	0.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	0.00
60.25	0.00	0.00	0.00	0.00
60.50	0.00	0.00	0.00	0.00
60.75	0.00	0.00	0.00	0.00
61.00	0.00	0.00	0.00	0.00
61.25	0.00	0.00	0.00	0.00
61.50	0.00	0.00	0.00	0.00
61.75	0.00	0.00	0.00	0.00
62.00	0.00	0.00	0.00	0.00
62.25	0.00	0.00	0.00	0.00
62.50	0.00	0.00	0.00	0.00
62.75	0.00	0.00	0.00	0.00
63.00	0.00	0.00	0.00	0.00
63.25	0.00	0.00	0.00	0.00
63.50	0.00	0.00	0.00	0.00
63.75	0.00	0.00	0.00	0.00
64.00	0.00	0.00	0.00	0.00
64.25	0.00	0.00	0.00	0.00
64.50	0.00	0.00	0.00	0.00
64.75	0.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	0.00
65.25	0.00	0.00	0.00	0.00
65.50	0.00	0.00	0.00	0.00
65.75	0.00	0.00	0.00	0.00
66.00	0.00	0.00	0.00	0.00
66.25	0.00	0.00	0.00	0.00
66.50	0.00	0.00	0.00	0.00
66.75	0.00	0.00	0.00	0.00
67.00	0.00	0.00	0.00	0.00
67.25	0.00	0.00	0.00	0.00
67.50	0.00	0.00	0.00	0.00
67.75	0.00	0.00	0.00	0.00
68.00	0.00	0.00	0.00	0.00
68.25	0.00	0.00	0.00	0.00
68.50	0.00	0.00	0.00	0.00
68.75	0.00	0.00	0.00	0.00
69.00	0.00	0.00	0.00	0.00
69.25	0.00	0.00	0.00	0.00
69.50	0.00	0.00	0.00	0.00
69.75	0.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	0.00
70.25	0.00	0.00	0.00	0.00
70.50	0.00	0.00	0.00	0.00

70.75	0.00	0.00	0.00	0.00
71.00	0.00	0.00	0.00	0.00
71.25	0.00	0.00	0.00	0.00
71.50	0.00	0.00	0.00	0.00
71.75	0.00	0.00	0.00	0.00
72.00	0.00	0.00	0.00	0.00

THE MAXIMUM DISCHARGE FROM CROSS SECTION 12 IS: 7.68 CFS AT TIME: 63.67 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 20.13 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 12

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00
13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	0.00
13.75	0.00	0.00	0.00	0.00
14.00	0.00	0.00	0.00	0.00
14.25	0.00	0.00	0.00	0.00
14.50	0.00	0.00	0.00	0.00
14.75	0.00	0.00	0.00	0.00
15.00	0.00	0.00	0.00	0.00
15.25	0.00	0.00	0.00	0.00
15.50	0.00	0.00	0.00	0.00
15.75	0.00	0.00	0.00	0.00
16.00	0.00	0.00	0.00	0.00
16.25	0.00	0.00	0.00	0.00
16.50	0.00	0.00	0.00	0.00
16.75	0.00	0.00	0.00	0.00
17.00	0.00	0.00	0.00	0.00
17.25	0.00	0.00	0.00	0.00
17.50	0.00	0.00	0.00	0.00
17.75	0.00	0.00	0.00	0.00
18.00	0.00	0.00	0.00	0.00
18.25	0.00	0.00	0.00	0.00
18.50	0.00	0.00	0.00	0.00
18.75	0.00	0.00	0.00	0.00
19.00	0.00	0.00	0.00	0.00
19.25	0.00	0.00	0.00	0.00
19.50	0.00	0.00	0.00	0.00
19.75	0.00	0.00	0.00	0.00
20.00	0.00	0.00	0.00	0.00
20.25	0.00	0.00	0.00	0.00
20.50	0.00	0.00	0.00	0.00
20.75	0.00	0.00	0.00	0.00
21.00	0.00	0.00	0.00	0.00
21.25	0.00	0.00	0.00	0.00
21.50	0.00	0.00	0.00	0.00
21.75	0.00	0.00	0.00	0.00
22.00	0.00	0.00	0.00	0.00
22.25	0.00	0.00	0.00	0.00

22.50	0.00	0.00	0.00	0.00
22.75	0.00	0.00	0.00	0.00
23.00	0.00	0.00	0.00	0.00
23.25	0.00	0.00	0.00	0.00
23.50	150.00	0.02	1.19	3.47
23.75	300.00	0.02	0.63	4.20
24.00	300.00	0.02	0.97	6.32
24.25	300.00	0.02	1.13	7.26
24.50	375.00	0.03	0.53	5.12
24.75	300.00	0.02	0.89	5.44
25.00	225.00	0.02	1.29	4.83
25.25	300.00	0.02	0.75	4.32
25.50	150.00	0.01	2.76	3.95
25.75	375.00	0.02	0.23	2.03
26.00	225.00	0.01	0.97	3.13
26.25	150.00	0.01	3.96	6.27
26.50	300.00	0.02	0.41	2.48
26.75	0.00	0.00	0.00	3.16
27.00	300.00	0.00	0.00	0.00
27.25	225.00	0.02	0.64	2.18
27.50	75.00	0.01	4.89	2.17
27.75	150.00	0.01	4.33	6.19
28.00	150.00	0.01	3.05	5.08
28.25	225.00	0.01	1.29	4.16
28.50	225.00	0.01	1.43	4.65
28.75	375.00	0.02	0.34	3.09
29.00	375.00	0.02	0.48	4.28
29.25	375.00	0.02	0.36	3.24
29.50	300.00	0.02	0.70	4.08
29.75	300.00	0.02	1.18	6.94
30.00	300.00	0.02	0.44	2.73
30.25	150.00	0.01	3.20	5.45
30.50	300.00	0.02	0.65	3.89
30.75	375.00	0.02	0.47	4.36
31.00	225.00	0.02	0.61	2.21
31.25	300.00	0.02	0.47	2.80
31.50	300.00	0.02	0.44	2.78
31.75	225.00	0.02	1.59	5.48
32.00	300.00	0.02	0.81	4.92
32.25	300.00	0.02	0.63	4.02
32.50	375.00	0.02	0.68	6.33
32.75	375.00	0.02	0.41	3.79
33.00	300.00	0.02	0.93	5.60
33.25	225.00	0.02	1.72	5.91
33.50	375.00	0.02	0.47	4.38
33.75	225.00	0.02	1.04	3.98
34.00	375.00	0.02	0.68	6.39
34.25	300.00	0.02	1.00	6.34
34.50	300.00	0.02	0.90	5.47
34.75	75.00	0.01	13.08	7.00
35.00	300.00	0.02	0.79	5.00
35.25	300.00	0.02	0.81	4.93
35.50	375.00	0.02	0.37	3.48
35.75	300.00	0.02	0.81	4.92
36.00	300.00	0.02	0.47	2.85
36.25	225.00	0.02	2.05	7.08
36.50	300.00	0.02	1.17	7.10
36.75	375.00	0.02	0.37	3.44
37.00	300.00	0.02	0.72	4.55
37.25	300.00	0.02	1.00	6.38
37.50	300.00	0.02	0.78	5.00
37.75	300.00	0.02	1.18	7.16
38.00	225.00	0.02	1.63	5.71
38.25	300.00	0.02	0.74	4.51
38.50	300.00	0.02	0.65	3.97
38.75	75.00	0.01	7.30	4.08
39.00	375.00	0.03	0.68	6.45
39.25	375.00	0.03	0.76	7.12
39.50	300.00	0.02	0.97	5.94
39.75	375.00	0.03	0.42	4.00
40.00	300.00	0.02	0.37	2.29
40.25	375.00	0.03	0.24	2.31
40.50	375.00	0.03	0.53	5.01
40.75	300.00	0.02	1.06	6.47
41.00	300.00	0.02	1.15	7.04
41.25	225.00	0.02	1.53	5.65
41.50	375.00	0.03	0.30	2.87
41.75	300.00	0.02	0.91	5.58
42.00	300.00	0.02	0.86	5.27
42.25	300.00	0.02	0.54	3.50
42.50	300.00	0.02	1.16	7.13
42.75	375.00	0.03	0.62	5.88
43.00	375.00	0.03	0.37	3.50
43.25	300.00	0.02	1.18	7.20
43.50	300.00	0.02	0.71	4.54
43.75	375.00	0.03	0.75	7.05
44.00	375.00	0.03	0.41	3.85
44.25	300.00	0.02	1.16	7.12
44.50	300.00	0.02	1.11	7.15
44.75	300.00	0.02	0.71	4.37
45.00	300.00	0.02	0.81	4.97
45.25	375.00	0.03	0.53	5.05
45.50	375.00	0.03	0.47	4.48
45.75	300.00	0.02	1.18	7.21
46.00	225.00	0.02	1.88	6.60
46.25	225.00	0.02	1.54	5.72
46.50	300.00	0.02	1.18	7.22
46.75	300.00	0.02	0.91	5.59
47.00	375.00	0.03	0.69	6.47
47.25	150.00	0.01	2.82	5.07
47.50	225.00	0.02	1.26	4.46
47.75	225.00	0.02	1.70	6.01
48.00	300.00	0.02	0.92	5.66
48.25	300.00	0.02	0.40	2.57
48.50	300.00	0.02	0.88	5.70
48.75	300.00	0.02	0.79	5.08

49.00	375.00	0.03	0.62	5.88
49.25	300.00	0.02	1.06	6.51
49.50	300.00	0.02	0.73	4.47
49.75	300.00	0.02	0.74	4.55
50.00	300.00	0.02	0.81	5.01
50.25	300.00	0.02	0.69	4.48
50.50	300.00	0.02	0.78	5.02
50.75	225.00	0.02	1.90	7.07
51.00	225.00	0.02	1.87	6.60
51.25	300.00	0.02	0.64	4.10
51.50	300.00	0.02	0.92	5.68
51.75	300.00	0.02	0.66	4.09
52.00	375.00	0.03	0.37	3.51
52.25	225.00	0.02	1.53	5.68
52.50	300.00	0.02	1.16	7.17
52.75	375.00	0.03	0.31	2.97
53.00	300.00	0.02	0.98	6.03
53.25	300.00	0.02	0.91	5.87
53.50	225.00	0.02	1.87	6.60
53.75	225.00	0.02	2.04	7.19
54.00	375.00	0.03	0.14	1.37
54.25	225.00	0.02	1.87	6.62
54.50	375.00	0.03	0.54	5.09
54.75	300.00	0.02	0.79	5.10
55.00	300.00	0.02	0.71	4.35
55.25	375.00	0.03	0.45	4.30
55.50	225.00	0.02	1.54	5.69
55.75	300.00	0.02	1.13	6.96
56.00	300.00	0.02	0.82	5.04
56.25	225.00	0.02	1.12	4.16
56.50	375.00	0.03	0.31	2.90
56.75	300.00	0.02	0.67	4.13
57.00	375.00	0.03	0.48	4.51
57.25	375.00	0.03	0.54	5.08
57.50	300.00	0.02	0.54	3.50
57.75	225.00	0.02	1.54	5.72
58.00	300.00	0.02	1.08	6.61
58.25	225.00	0.02	1.42	5.04
58.50	300.00	0.02	0.81	5.00
58.75	375.00	0.03	0.37	3.51
59.00	225.00	0.02	1.43	5.04
59.25	375.00	0.03	0.56	5.34
59.50	225.00	0.02	1.59	5.62
59.75	300.00	0.02	0.83	5.10
60.00	300.00	0.02	0.79	5.10
60.25	300.00	0.02	0.96	5.91
60.50	300.00	0.02	0.98	6.01
60.75	300.00	0.02	0.68	4.15
61.00	300.00	0.02	1.00	6.16
61.25	150.00	0.01	4.38	7.18
61.50	300.00	0.02	0.92	5.68
61.75	300.00	0.02	0.83	5.10
62.00	375.00	0.03	0.62	5.88
62.25	225.00	0.02	1.36	5.08
62.50	300.00	0.02	0.74	4.52
62.75	300.00	0.02	0.91	5.59
63.00	300.00	0.02	0.74	4.56
63.25	225.00	0.02	1.66	6.19
63.50	300.00	0.02	1.18	7.23
63.75	375.00	0.03	0.37	3.53
64.00	300.00	0.02	0.91	5.88
64.25	375.00	0.03	0.40	3.75
64.50	300.00	0.02	0.45	2.79
64.75	225.00	0.02	1.91	7.09
65.00	300.00	0.02	1.17	7.20
65.25	300.00	0.02	0.95	5.86
65.50	300.00	0.02	0.80	4.96
65.75	300.00	0.02	0.92	5.65
66.00	300.00	0.02	0.77	4.97
66.25	300.00	0.02	0.79	5.14
66.50	300.00	0.02	0.99	6.39
66.75	375.00	0.03	0.62	5.91
67.00	300.00	0.02	1.15	7.08
67.25	300.00	0.02	0.71	4.35
67.50	375.00	0.03	0.37	3.52
67.75	300.00	0.02	0.81	5.02
68.00	300.00	0.02	0.81	5.00
68.25	300.00	0.02	0.74	4.58
68.50	300.00	0.02	0.76	4.93
68.75	150.00	0.01	2.13	4.11
69.00	300.00	0.02	0.70	4.34
69.25	300.00	0.02	1.17	7.22
69.50	300.00	0.02	1.04	6.40
69.75	300.00	0.02	1.18	7.23
70.00	300.00	0.02	1.18	7.26
70.25	150.00	0.01	4.40	7.25
70.50	225.00	0.02	1.43	5.63
70.75	375.00	0.03	0.47	4.45
71.00	300.00	0.02	0.83	5.10
71.25	450.00	0.03	0.27	3.51
71.50	150.00	0.01	2.41	4.16
71.75	375.00	0.03	0.41	3.86
72.00	375.00	0.03	0.63	5.93

THE MAXIMUM DISCHARGE FROM CROSS SECTION 13 IS: 0.00 CFS AT TIME: 0.00 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 0.00 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 13

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00

0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00
13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	0.00
13.75	0.00	0.00	0.00	0.00
14.00	0.00	0.00	0.00	0.00
14.25	0.00	0.00	0.00	0.00
14.50	0.00	0.00	0.00	0.00
14.75	0.00	0.00	0.00	0.00
15.00	0.00	0.00	0.00	0.00
15.25	0.00	0.00	0.00	0.00
15.50	0.00	0.00	0.00	0.00
15.75	0.00	0.00	0.00	0.00
16.00	0.00	0.00	0.00	0.00
16.25	0.00	0.00	0.00	0.00
16.50	0.00	0.00	0.00	0.00
16.75	0.00	0.00	0.00	0.00
17.00	0.00	0.00	0.00	0.00
17.25	0.00	0.00	0.00	0.00
17.50	0.00	0.00	0.00	0.00
17.75	0.00	0.00	0.00	0.00
18.00	0.00	0.00	0.00	0.00
18.25	0.00	0.00	0.00	0.00
18.50	0.00	0.00	0.00	0.00
18.75	0.00	0.00	0.00	0.00
19.00	0.00	0.00	0.00	0.00
19.25	0.00	0.00	0.00	0.00
19.50	0.00	0.00	0.00	0.00
19.75	0.00	0.00	0.00	0.00
20.00	0.00	0.00	0.00	0.00
20.25	0.00	0.00	0.00	0.00
20.50	0.00	0.00	0.00	0.00
20.75	0.00	0.00	0.00	0.00
21.00	0.00	0.00	0.00	0.00
21.25	0.00	0.00	0.00	0.00
21.50	0.00	0.00	0.00	0.00
21.75	0.00	0.00	0.00	0.00
22.00	0.00	0.00	0.00	0.00
22.25	0.00	0.00	0.00	0.00
22.50	0.00	0.00	0.00	0.00
22.75	0.00	0.00	0.00	0.00
23.00	0.00	0.00	0.00	0.00
23.25	0.00	0.00	0.00	0.00
23.50	0.00	0.00	0.00	0.00
23.75	0.00	0.00	0.00	0.00
24.00	0.00	0.00	0.00	0.00
24.25	0.00	0.00	0.00	0.00
24.50	0.00	0.00	0.00	0.00
24.75	0.00	0.00	0.00	0.00
25.00	0.00	0.00	0.00	0.00
25.25	0.00	0.00	0.00	0.00
25.50	0.00	0.00	0.00	0.00
25.75	0.00	0.00	0.00	0.00
26.00	0.00	0.00	0.00	0.00
26.25	0.00	0.00	0.00	0.00
26.50	0.00	0.00	0.00	0.00
26.75	0.00	0.00	0.00	0.00
27.00	0.00	0.00	0.00	0.00

27.25	0.00	0.00	0.00	0.00
27.50	0.00	0.00	0.00	0.00
27.75	0.00	0.00	0.00	0.00
28.00	0.00	0.00	0.00	0.00
28.25	0.00	0.00	0.00	0.00
28.50	0.00	0.00	0.00	0.00
28.75	0.00	0.00	0.00	0.00
29.00	0.00	0.00	0.00	0.00
29.25	0.00	0.00	0.00	0.00
29.50	0.00	0.00	0.00	0.00
29.75	0.00	0.00	0.00	0.00
30.00	0.00	0.00	0.00	0.00
30.25	0.00	0.00	0.00	0.00
30.50	0.00	0.00	0.00	0.00
30.75	0.00	0.00	0.00	0.00
31.00	0.00	0.00	0.00	0.00
31.25	0.00	0.00	0.00	0.00
31.50	0.00	0.00	0.00	0.00
31.75	0.00	0.00	0.00	0.00
32.00	0.00	0.00	0.00	0.00
32.25	0.00	0.00	0.00	0.00
32.50	0.00	0.00	0.00	0.00
32.75	0.00	0.00	0.00	0.00
33.00	0.00	0.00	0.00	0.00
33.25	0.00	0.00	0.00	0.00
33.50	0.00	0.00	0.00	0.00
33.75	0.00	0.00	0.00	0.00
34.00	0.00	0.00	0.00	0.00
34.25	0.00	0.00	0.00	0.00
34.50	0.00	0.00	0.00	0.00
34.75	0.00	0.00	0.00	0.00
35.00	0.00	0.00	0.00	0.00
35.25	0.00	0.00	0.00	0.00
35.50	0.00	0.00	0.00	0.00
35.75	0.00	0.00	0.00	0.00
36.00	0.00	0.00	0.00	0.00
36.25	0.00	0.00	0.00	0.00
36.50	0.00	0.00	0.00	0.00
36.75	0.00	0.00	0.00	0.00
37.00	0.00	0.00	0.00	0.00
37.25	0.00	0.00	0.00	0.00
37.50	0.00	0.00	0.00	0.00
37.75	0.00	0.00	0.00	0.00
38.00	0.00	0.00	0.00	0.00
38.25	0.00	0.00	0.00	0.00
38.50	0.00	0.00	0.00	0.00
38.75	0.00	0.00	0.00	0.00
39.00	0.00	0.00	0.00	0.00
39.25	0.00	0.00	0.00	0.00
39.50	0.00	0.00	0.00	0.00
39.75	0.00	0.00	0.00	0.00
40.00	0.00	0.00	0.00	0.00
40.25	0.00	0.00	0.00	0.00
40.50	0.00	0.00	0.00	0.00
40.75	0.00	0.00	0.00	0.00
41.00	0.00	0.00	0.00	0.00
41.25	0.00	0.00	0.00	0.00
41.50	0.00	0.00	0.00	0.00
41.75	0.00	0.00	0.00	0.00
42.00	0.00	0.00	0.00	0.00
42.25	0.00	0.00	0.00	0.00
42.50	0.00	0.00	0.00	0.00
42.75	0.00	0.00	0.00	0.00
43.00	0.00	0.00	0.00	0.00
43.25	0.00	0.00	0.00	0.00
43.50	0.00	0.00	0.00	0.00
43.75	0.00	0.00	0.00	0.00
44.00	0.00	0.00	0.00	0.00
44.25	0.00	0.00	0.00	0.00
44.50	0.00	0.00	0.00	0.00
44.75	0.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	0.00
45.25	0.00	0.00	0.00	0.00
45.50	0.00	0.00	0.00	0.00
45.75	0.00	0.00	0.00	0.00
46.00	0.00	0.00	0.00	0.00
46.25	0.00	0.00	0.00	0.00
46.50	0.00	0.00	0.00	0.00
46.75	0.00	0.00	0.00	0.00
47.00	0.00	0.00	0.00	0.00
47.25	0.00	0.00	0.00	0.00
47.50	0.00	0.00	0.00	0.00
47.75	0.00	0.00	0.00	0.00
48.00	0.00	0.00	0.00	0.00
48.25	0.00	0.00	0.00	0.00
48.50	0.00	0.00	0.00	0.00
48.75	0.00	0.00	0.00	0.00
49.00	0.00	0.00	0.00	0.00
49.25	0.00	0.00	0.00	0.00
49.50	0.00	0.00	0.00	0.00
49.75	0.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	0.00
50.25	0.00	0.00	0.00	0.00
50.50	0.00	0.00	0.00	0.00
50.75	0.00	0.00	0.00	0.00
51.00	0.00	0.00	0.00	0.00
51.25	0.00	0.00	0.00	0.00
51.50	0.00	0.00	0.00	0.00
51.75	0.00	0.00	0.00	0.00
52.00	0.00	0.00	0.00	0.00
52.25	0.00	0.00	0.00	0.00
52.50	0.00	0.00	0.00	0.00
52.75	0.00	0.00	0.00	0.00
53.00	0.00	0.00	0.00	0.00
53.25	0.00	0.00	0.00	0.00
53.50	0.00	0.00	0.00	0.00

53.75	0.00	0.00	0.00	0.00
54.00	0.00	0.00	0.00	0.00
54.25	0.00	0.00	0.00	0.00
54.50	0.00	0.00	0.00	0.00
54.75	0.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	0.00
55.25	0.00	0.00	0.00	0.00
55.50	0.00	0.00	0.00	0.00
55.75	0.00	0.00	0.00	0.00
56.00	0.00	0.00	0.00	0.00
56.25	0.00	0.00	0.00	0.00
56.50	0.00	0.00	0.00	0.00
56.75	0.00	0.00	0.00	0.00
57.00	0.00	0.00	0.00	0.00
57.25	0.00	0.00	0.00	0.00
57.50	0.00	0.00	0.00	0.00
57.75	0.00	0.00	0.00	0.00
58.00	0.00	0.00	0.00	0.00
58.25	0.00	0.00	0.00	0.00
58.50	0.00	0.00	0.00	0.00
58.75	0.00	0.00	0.00	0.00
59.00	0.00	0.00	0.00	0.00
59.25	0.00	0.00	0.00	0.00
59.50	0.00	0.00	0.00	0.00
59.75	0.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	0.00
60.25	0.00	0.00	0.00	0.00
60.50	0.00	0.00	0.00	0.00
60.75	0.00	0.00	0.00	0.00
61.00	0.00	0.00	0.00	0.00
61.25	0.00	0.00	0.00	0.00
61.50	0.00	0.00	0.00	0.00
61.75	0.00	0.00	0.00	0.00
62.00	0.00	0.00	0.00	0.00
62.25	0.00	0.00	0.00	0.00
62.50	0.00	0.00	0.00	0.00
62.75	0.00	0.00	0.00	0.00
63.00	0.00	0.00	0.00	0.00
63.25	0.00	0.00	0.00	0.00
63.50	0.00	0.00	0.00	0.00
63.75	0.00	0.00	0.00	0.00
64.00	0.00	0.00	0.00	0.00
64.25	0.00	0.00	0.00	0.00
64.50	0.00	0.00	0.00	0.00
64.75	0.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	0.00
65.25	0.00	0.00	0.00	0.00
65.50	0.00	0.00	0.00	0.00
65.75	0.00	0.00	0.00	0.00
66.00	0.00	0.00	0.00	0.00
66.25	0.00	0.00	0.00	0.00
66.50	0.00	0.00	0.00	0.00
66.75	0.00	0.00	0.00	0.00
67.00	0.00	0.00	0.00	0.00
67.25	0.00	0.00	0.00	0.00
67.50	0.00	0.00	0.00	0.00
67.75	0.00	0.00	0.00	0.00
68.00	0.00	0.00	0.00	0.00
68.25	0.00	0.00	0.00	0.00
68.50	0.00	0.00	0.00	0.00
68.75	0.00	0.00	0.00	0.00
69.00	0.00	0.00	0.00	0.00
69.25	0.00	0.00	0.00	0.00
69.50	0.00	0.00	0.00	0.00
69.75	0.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	0.00
70.25	0.00	0.00	0.00	0.00
70.50	0.00	0.00	0.00	0.00
70.75	0.00	0.00	0.00	0.00
71.00	0.00	0.00	0.00	0.00
71.25	0.00	0.00	0.00	0.00
71.50	0.00	0.00	0.00	0.00
71.75	0.00	0.00	0.00	0.00
72.00	0.00	0.00	0.00	0.00

THE MAXIMUM DISCHARGE FROM CROSS SECTION 16 IS: 0.00 CFS AT TIME: 0.00 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 0.00 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 16

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00

5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00
13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	0.00
13.75	0.00	0.00	0.00	0.00
14.00	0.00	0.00	0.00	0.00
14.25	0.00	0.00	0.00	0.00
14.50	0.00	0.00	0.00	0.00
14.75	0.00	0.00	0.00	0.00
15.00	0.00	0.00	0.00	0.00
15.25	0.00	0.00	0.00	0.00
15.50	0.00	0.00	0.00	0.00
15.75	0.00	0.00	0.00	0.00
16.00	0.00	0.00	0.00	0.00
16.25	0.00	0.00	0.00	0.00
16.50	0.00	0.00	0.00	0.00
16.75	0.00	0.00	0.00	0.00
17.00	0.00	0.00	0.00	0.00
17.25	0.00	0.00	0.00	0.00
17.50	0.00	0.00	0.00	0.00
17.75	0.00	0.00	0.00	0.00
18.00	0.00	0.00	0.00	0.00
18.25	0.00	0.00	0.00	0.00
18.50	0.00	0.00	0.00	0.00
18.75	0.00	0.00	0.00	0.00
19.00	0.00	0.00	0.00	0.00
19.25	0.00	0.00	0.00	0.00
19.50	0.00	0.00	0.00	0.00
19.75	0.00	0.00	0.00	0.00
20.00	0.00	0.00	0.00	0.00
20.25	0.00	0.00	0.00	0.00
20.50	0.00	0.00	0.00	0.00
20.75	0.00	0.00	0.00	0.00
21.00	0.00	0.00	0.00	0.00
21.25	0.00	0.00	0.00	0.00
21.50	0.00	0.00	0.00	0.00
21.75	0.00	0.00	0.00	0.00
22.00	0.00	0.00	0.00	0.00
22.25	0.00	0.00	0.00	0.00
22.50	0.00	0.00	0.00	0.00
22.75	0.00	0.00	0.00	0.00
23.00	0.00	0.00	0.00	0.00
23.25	0.00	0.00	0.00	0.00
23.50	0.00	0.00	0.00	0.00
23.75	0.00	0.00	0.00	0.00
24.00	0.00	0.00	0.00	0.00
24.25	0.00	0.00	0.00	0.00
24.50	0.00	0.00	0.00	0.00
24.75	0.00	0.00	0.00	0.00
25.00	0.00	0.00	0.00	0.00
25.25	0.00	0.00	0.00	0.00
25.50	0.00	0.00	0.00	0.00
25.75	0.00	0.00	0.00	0.00
26.00	0.00	0.00	0.00	0.00
26.25	0.00	0.00	0.00	0.00
26.50	0.00	0.00	0.00	0.00
26.75	0.00	0.00	0.00	0.00
27.00	0.00	0.00	0.00	0.00
27.25	0.00	0.00	0.00	0.00
27.50	0.00	0.00	0.00	0.00
27.75	0.00	0.00	0.00	0.00
28.00	0.00	0.00	0.00	0.00
28.25	0.00	0.00	0.00	0.00
28.50	0.00	0.00	0.00	0.00
28.75	0.00	0.00	0.00	0.00
29.00	0.00	0.00	0.00	0.00
29.25	0.00	0.00	0.00	0.00
29.50	0.00	0.00	0.00	0.00
29.75	0.00	0.00	0.00	0.00
30.00	0.00	0.00	0.00	0.00
30.25	0.00	0.00	0.00	0.00
30.50	0.00	0.00	0.00	0.00
30.75	0.00	0.00	0.00	0.00
31.00	0.00	0.00	0.00	0.00
31.25	0.00	0.00	0.00	0.00
31.50	0.00	0.00	0.00	0.00
31.75	0.00	0.00	0.00	0.00
32.00	0.00	0.00	0.00	0.00

32.25	0.00	0.00	0.00	0.00
32.50	0.00	0.00	0.00	0.00
32.75	0.00	0.00	0.00	0.00
33.00	0.00	0.00	0.00	0.00
33.25	0.00	0.00	0.00	0.00
33.50	0.00	0.00	0.00	0.00
33.75	0.00	0.00	0.00	0.00
34.00	0.00	0.00	0.00	0.00
34.25	0.00	0.00	0.00	0.00
34.50	0.00	0.00	0.00	0.00
34.75	0.00	0.00	0.00	0.00
35.00	0.00	0.00	0.00	0.00
35.25	0.00	0.00	0.00	0.00
35.50	0.00	0.00	0.00	0.00
35.75	0.00	0.00	0.00	0.00
36.00	0.00	0.00	0.00	0.00
36.25	0.00	0.00	0.00	0.00
36.50	0.00	0.00	0.00	0.00
36.75	0.00	0.00	0.00	0.00
37.00	0.00	0.00	0.00	0.00
37.25	0.00	0.00	0.00	0.00
37.50	0.00	0.00	0.00	0.00
37.75	0.00	0.00	0.00	0.00
38.00	0.00	0.00	0.00	0.00
38.25	0.00	0.00	0.00	0.00
38.50	0.00	0.00	0.00	0.00
38.75	0.00	0.00	0.00	0.00
39.00	0.00	0.00	0.00	0.00
39.25	0.00	0.00	0.00	0.00
39.50	0.00	0.00	0.00	0.00
39.75	0.00	0.00	0.00	0.00
40.00	0.00	0.00	0.00	0.00
40.25	0.00	0.00	0.00	0.00
40.50	0.00	0.00	0.00	0.00
40.75	0.00	0.00	0.00	0.00
41.00	0.00	0.00	0.00	0.00
41.25	0.00	0.00	0.00	0.00
41.50	0.00	0.00	0.00	0.00
41.75	0.00	0.00	0.00	0.00
42.00	0.00	0.00	0.00	0.00
42.25	0.00	0.00	0.00	0.00
42.50	0.00	0.00	0.00	0.00
42.75	0.00	0.00	0.00	0.00
43.00	0.00	0.00	0.00	0.00
43.25	0.00	0.00	0.00	0.00
43.50	0.00	0.00	0.00	0.00
43.75	0.00	0.00	0.00	0.00
44.00	0.00	0.00	0.00	0.00
44.25	0.00	0.00	0.00	0.00
44.50	0.00	0.00	0.00	0.00
44.75	0.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	0.00
45.25	0.00	0.00	0.00	0.00
45.50	0.00	0.00	0.00	0.00
45.75	0.00	0.00	0.00	0.00
46.00	0.00	0.00	0.00	0.00
46.25	0.00	0.00	0.00	0.00
46.50	0.00	0.00	0.00	0.00
46.75	0.00	0.00	0.00	0.00
47.00	0.00	0.00	0.00	0.00
47.25	0.00	0.00	0.00	0.00
47.50	0.00	0.00	0.00	0.00
47.75	0.00	0.00	0.00	0.00
48.00	0.00	0.00	0.00	0.00
48.25	0.00	0.00	0.00	0.00
48.50	0.00	0.00	0.00	0.00
48.75	0.00	0.00	0.00	0.00
49.00	0.00	0.00	0.00	0.00
49.25	0.00	0.00	0.00	0.00
49.50	0.00	0.00	0.00	0.00
49.75	0.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	0.00
50.25	0.00	0.00	0.00	0.00
50.50	0.00	0.00	0.00	0.00
50.75	0.00	0.00	0.00	0.00
51.00	0.00	0.00	0.00	0.00
51.25	0.00	0.00	0.00	0.00
51.50	0.00	0.00	0.00	0.00
51.75	0.00	0.00	0.00	0.00
52.00	0.00	0.00	0.00	0.00
52.25	0.00	0.00	0.00	0.00
52.50	0.00	0.00	0.00	0.00
52.75	0.00	0.00	0.00	0.00
53.00	0.00	0.00	0.00	0.00
53.25	0.00	0.00	0.00	0.00
53.50	0.00	0.00	0.00	0.00
53.75	0.00	0.00	0.00	0.00
54.00	0.00	0.00	0.00	0.00
54.25	0.00	0.00	0.00	0.00
54.50	0.00	0.00	0.00	0.00
54.75	0.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	0.00
55.25	0.00	0.00	0.00	0.00
55.50	0.00	0.00	0.00	0.00
55.75	0.00	0.00	0.00	0.00
56.00	0.00	0.00	0.00	0.00
56.25	0.00	0.00	0.00	0.00
56.50	0.00	0.00	0.00	0.00
56.75	0.00	0.00	0.00	0.00
57.00	0.00	0.00	0.00	0.00
57.25	0.00	0.00	0.00	0.00
57.50	0.00	0.00	0.00	0.00
57.75	0.00	0.00	0.00	0.00
58.00	0.00	0.00	0.00	0.00
58.25	0.00	0.00	0.00	0.00
58.50	0.00	0.00	0.00	0.00

58.75	0.00	0.00	0.00	0.00
59.00	0.00	0.00	0.00	0.00
59.25	0.00	0.00	0.00	0.00
59.50	0.00	0.00	0.00	0.00
59.75	0.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	0.00
60.25	0.00	0.00	0.00	0.00
60.50	0.00	0.00	0.00	0.00
60.75	0.00	0.00	0.00	0.00
61.00	0.00	0.00	0.00	0.00
61.25	0.00	0.00	0.00	0.00
61.50	0.00	0.00	0.00	0.00
61.75	0.00	0.00	0.00	0.00
62.00	0.00	0.00	0.00	0.00
62.25	0.00	0.00	0.00	0.00
62.50	0.00	0.00	0.00	0.00
62.75	0.00	0.00	0.00	0.00
63.00	0.00	0.00	0.00	0.00
63.25	0.00	0.00	0.00	0.00
63.50	0.00	0.00	0.00	0.00
63.75	0.00	0.00	0.00	0.00
64.00	0.00	0.00	0.00	0.00
64.25	0.00	0.00	0.00	0.00
64.50	0.00	0.00	0.00	0.00
64.75	0.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	0.00
65.25	0.00	0.00	0.00	0.00
65.50	0.00	0.00	0.00	0.00
65.75	0.00	0.00	0.00	0.00
66.00	0.00	0.00	0.00	0.00
66.25	0.00	0.00	0.00	0.00
66.50	0.00	0.00	0.00	0.00
66.75	0.00	0.00	0.00	0.00
67.00	0.00	0.00	0.00	0.00
67.25	0.00	0.00	0.00	0.00
67.50	0.00	0.00	0.00	0.00
67.75	0.00	0.00	0.00	0.00
68.00	0.00	0.00	0.00	0.00
68.25	0.00	0.00	0.00	0.00
68.50	0.00	0.00	0.00	0.00
68.75	0.00	0.00	0.00	0.00
69.00	0.00	0.00	0.00	0.00
69.25	0.00	0.00	0.00	0.00
69.50	0.00	0.00	0.00	0.00
69.75	0.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	0.00
70.25	0.00	0.00	0.00	0.00
70.50	0.00	0.00	0.00	0.00
70.75	0.00	0.00	0.00	0.00
71.00	0.00	0.00	0.00	0.00
71.25	0.00	0.00	0.00	0.00
71.50	0.00	0.00	0.00	0.00
71.75	0.00	0.00	0.00	0.00
72.00	0.00	0.00	0.00	0.00

THE MAXIMUM DISCHARGE FROM CROSS SECTION 25 IS: 0.00 CFS AT TIME: 0.00 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 0.00 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 25

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00

10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00
13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	0.00
13.75	0.00	0.00	0.00	0.00
14.00	0.00	0.00	0.00	0.00
14.25	0.00	0.00	0.00	0.00
14.50	0.00	0.00	0.00	0.00
14.75	0.00	0.00	0.00	0.00
15.00	0.00	0.00	0.00	0.00
15.25	0.00	0.00	0.00	0.00
15.50	0.00	0.00	0.00	0.00
15.75	0.00	0.00	0.00	0.00
16.00	0.00	0.00	0.00	0.00
16.25	0.00	0.00	0.00	0.00
16.50	0.00	0.00	0.00	0.00
16.75	0.00	0.00	0.00	0.00
17.00	0.00	0.00	0.00	0.00
17.25	0.00	0.00	0.00	0.00
17.50	0.00	0.00	0.00	0.00
17.75	0.00	0.00	0.00	0.00
18.00	0.00	0.00	0.00	0.00
18.25	0.00	0.00	0.00	0.00
18.50	0.00	0.00	0.00	0.00
18.75	0.00	0.00	0.00	0.00
19.00	0.00	0.00	0.00	0.00
19.25	0.00	0.00	0.00	0.00
19.50	0.00	0.00	0.00	0.00
19.75	0.00	0.00	0.00	0.00
20.00	0.00	0.00	0.00	0.00
20.25	0.00	0.00	0.00	0.00
20.50	0.00	0.00	0.00	0.00
20.75	0.00	0.00	0.00	0.00
21.00	0.00	0.00	0.00	0.00
21.25	0.00	0.00	0.00	0.00
21.50	0.00	0.00	0.00	0.00
21.75	0.00	0.00	0.00	0.00
22.00	0.00	0.00	0.00	0.00
22.25	0.00	0.00	0.00	0.00
22.50	0.00	0.00	0.00	0.00
22.75	0.00	0.00	0.00	0.00
23.00	0.00	0.00	0.00	0.00
23.25	0.00	0.00	0.00	0.00
23.50	0.00	0.00	0.00	0.00
23.75	0.00	0.00	0.00	0.00
24.00	0.00	0.00	0.00	0.00
24.25	0.00	0.00	0.00	0.00
24.50	0.00	0.00	0.00	0.00
24.75	0.00	0.00	0.00	0.00
25.00	0.00	0.00	0.00	0.00
25.25	0.00	0.00	0.00	0.00
25.50	0.00	0.00	0.00	0.00
25.75	0.00	0.00	0.00	0.00
26.00	0.00	0.00	0.00	0.00
26.25	0.00	0.00	0.00	0.00
26.50	0.00	0.00	0.00	0.00
26.75	0.00	0.00	0.00	0.00
27.00	0.00	0.00	0.00	0.00
27.25	0.00	0.00	0.00	0.00
27.50	0.00	0.00	0.00	0.00
27.75	0.00	0.00	0.00	0.00
28.00	0.00	0.00	0.00	0.00
28.25	0.00	0.00	0.00	0.00
28.50	0.00	0.00	0.00	0.00
28.75	0.00	0.00	0.00	0.00
29.00	0.00	0.00	0.00	0.00
29.25	0.00	0.00	0.00	0.00
29.50	0.00	0.00	0.00	0.00
29.75	0.00	0.00	0.00	0.00
30.00	0.00	0.00	0.00	0.00
30.25	0.00	0.00	0.00	0.00
30.50	0.00	0.00	0.00	0.00
30.75	0.00	0.00	0.00	0.00
31.00	0.00	0.00	0.00	0.00
31.25	0.00	0.00	0.00	0.00
31.50	0.00	0.00	0.00	0.00
31.75	0.00	0.00	0.00	0.00
32.00	0.00	0.00	0.00	0.00
32.25	0.00	0.00	0.00	0.00
32.50	0.00	0.00	0.00	0.00
32.75	0.00	0.00	0.00	0.00
33.00	0.00	0.00	0.00	0.00
33.25	0.00	0.00	0.00	0.00
33.50	0.00	0.00	0.00	0.00
33.75	0.00	0.00	0.00	0.00
34.00	0.00	0.00	0.00	0.00
34.25	0.00	0.00	0.00	0.00
34.50	0.00	0.00	0.00	0.00
34.75	0.00	0.00	0.00	0.00
35.00	0.00	0.00	0.00	0.00
35.25	0.00	0.00	0.00	0.00
35.50	0.00	0.00	0.00	0.00
35.75	0.00	0.00	0.00	0.00
36.00	0.00	0.00	0.00	0.00
36.25	0.00	0.00	0.00	0.00
36.50	0.00	0.00	0.00	0.00
36.75	0.00	0.00	0.00	0.00
37.00	0.00	0.00	0.00	0.00

37.25	0.00	0.00	0.00	0.00
37.50	0.00	0.00	0.00	0.00
37.75	0.00	0.00	0.00	0.00
38.00	0.00	0.00	0.00	0.00
38.25	0.00	0.00	0.00	0.00
38.50	0.00	0.00	0.00	0.00
38.75	0.00	0.00	0.00	0.00
39.00	0.00	0.00	0.00	0.00
39.25	0.00	0.00	0.00	0.00
39.50	0.00	0.00	0.00	0.00
39.75	0.00	0.00	0.00	0.00
40.00	0.00	0.00	0.00	0.00
40.25	0.00	0.00	0.00	0.00
40.50	0.00	0.00	0.00	0.00
40.75	0.00	0.00	0.00	0.00
41.00	0.00	0.00	0.00	0.00
41.25	0.00	0.00	0.00	0.00
41.50	0.00	0.00	0.00	0.00
41.75	0.00	0.00	0.00	0.00
42.00	0.00	0.00	0.00	0.00
42.25	0.00	0.00	0.00	0.00
42.50	0.00	0.00	0.00	0.00
42.75	0.00	0.00	0.00	0.00
43.00	0.00	0.00	0.00	0.00
43.25	0.00	0.00	0.00	0.00
43.50	0.00	0.00	0.00	0.00
43.75	0.00	0.00	0.00	0.00
44.00	0.00	0.00	0.00	0.00
44.25	0.00	0.00	0.00	0.00
44.50	0.00	0.00	0.00	0.00
44.75	0.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	0.00
45.25	0.00	0.00	0.00	0.00
45.50	0.00	0.00	0.00	0.00
45.75	0.00	0.00	0.00	0.00
46.00	0.00	0.00	0.00	0.00
46.25	0.00	0.00	0.00	0.00
46.50	0.00	0.00	0.00	0.00
46.75	0.00	0.00	0.00	0.00
47.00	0.00	0.00	0.00	0.00
47.25	0.00	0.00	0.00	0.00
47.50	0.00	0.00	0.00	0.00
47.75	0.00	0.00	0.00	0.00
48.00	0.00	0.00	0.00	0.00
48.25	0.00	0.00	0.00	0.00
48.50	0.00	0.00	0.00	0.00
48.75	0.00	0.00	0.00	0.00
49.00	0.00	0.00	0.00	0.00
49.25	0.00	0.00	0.00	0.00
49.50	0.00	0.00	0.00	0.00
49.75	0.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	0.00
50.25	0.00	0.00	0.00	0.00
50.50	0.00	0.00	0.00	0.00
50.75	0.00	0.00	0.00	0.00
51.00	0.00	0.00	0.00	0.00
51.25	0.00	0.00	0.00	0.00
51.50	0.00	0.00	0.00	0.00
51.75	0.00	0.00	0.00	0.00
52.00	0.00	0.00	0.00	0.00
52.25	0.00	0.00	0.00	0.00
52.50	0.00	0.00	0.00	0.00
52.75	0.00	0.00	0.00	0.00
53.00	0.00	0.00	0.00	0.00
53.25	0.00	0.00	0.00	0.00
53.50	0.00	0.00	0.00	0.00
53.75	0.00	0.00	0.00	0.00
54.00	0.00	0.00	0.00	0.00
54.25	0.00	0.00	0.00	0.00
54.50	0.00	0.00	0.00	0.00
54.75	0.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	0.00
55.25	0.00	0.00	0.00	0.00
55.50	0.00	0.00	0.00	0.00
55.75	0.00	0.00	0.00	0.00
56.00	0.00	0.00	0.00	0.00
56.25	0.00	0.00	0.00	0.00
56.50	0.00	0.00	0.00	0.00
56.75	0.00	0.00	0.00	0.00
57.00	0.00	0.00	0.00	0.00
57.25	0.00	0.00	0.00	0.00
57.50	0.00	0.00	0.00	0.00
57.75	0.00	0.00	0.00	0.00
58.00	0.00	0.00	0.00	0.00
58.25	0.00	0.00	0.00	0.00
58.50	0.00	0.00	0.00	0.00
58.75	0.00	0.00	0.00	0.00
59.00	0.00	0.00	0.00	0.00
59.25	0.00	0.00	0.00	0.00
59.50	0.00	0.00	0.00	0.00
59.75	0.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	0.00
60.25	0.00	0.00	0.00	0.00
60.50	0.00	0.00	0.00	0.00
60.75	0.00	0.00	0.00	0.00
61.00	0.00	0.00	0.00	0.00
61.25	0.00	0.00	0.00	0.00
61.50	0.00	0.00	0.00	0.00
61.75	0.00	0.00	0.00	0.00
62.00	0.00	0.00	0.00	0.00
62.25	0.00	0.00	0.00	0.00
62.50	0.00	0.00	0.00	0.00
62.75	0.00	0.00	0.00	0.00
63.00	0.00	0.00	0.00	0.00
63.25	0.00	0.00	0.00	0.00
63.50	0.00	0.00	0.00	0.00

63.75	0.00	0.00	0.00	0.00
64.00	0.00	0.00	0.00	0.00
64.25	0.00	0.00	0.00	0.00
64.50	0.00	0.00	0.00	0.00
64.75	0.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	0.00
65.25	0.00	0.00	0.00	0.00
65.50	0.00	0.00	0.00	0.00
65.75	0.00	0.00	0.00	0.00
66.00	0.00	0.00	0.00	0.00
66.25	0.00	0.00	0.00	0.00
66.50	0.00	0.00	0.00	0.00
66.75	0.00	0.00	0.00	0.00
67.00	0.00	0.00	0.00	0.00
67.25	0.00	0.00	0.00	0.00
67.50	0.00	0.00	0.00	0.00
67.75	0.00	0.00	0.00	0.00
68.00	0.00	0.00	0.00	0.00
68.25	0.00	0.00	0.00	0.00
68.50	0.00	0.00	0.00	0.00
68.75	0.00	0.00	0.00	0.00
69.00	0.00	0.00	0.00	0.00
69.25	0.00	0.00	0.00	0.00
69.50	0.00	0.00	0.00	0.00
69.75	0.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	0.00
70.25	0.00	0.00	0.00	0.00
70.50	0.00	0.00	0.00	0.00
70.75	0.00	0.00	0.00	0.00
71.00	0.00	0.00	0.00	0.00
71.25	0.00	0.00	0.00	0.00
71.50	0.00	0.00	0.00	0.00
71.75	0.00	0.00	0.00	0.00
72.00	0.00	0.00	0.00	0.00

THE MAXIMUM DISCHARGE FROM CROSS SECTION 28 IS: 8.26 CFS AT TIME: 30.00 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 4.55 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 28

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00
13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	0.00
13.75	0.00	0.00	0.00	0.00
14.00	0.00	0.00	0.00	0.00
14.25	0.00	0.00	0.00	0.00
14.50	0.00	0.00	0.00	0.00
14.75	0.00	0.00	0.00	0.00
15.00	0.00	0.00	0.00	0.00
15.25	0.00	0.00	0.00	0.00
15.50	0.00	0.00	0.00	0.00

15.75	0.00	0.00	0.00	0.00
16.00	0.00	0.00	0.00	0.00
16.25	0.00	0.00	0.00	0.00
16.50	0.00	0.00	0.00	0.00
16.75	0.00	0.00	0.00	0.00
17.00	0.00	0.00	0.00	0.00
17.25	0.00	0.00	0.00	0.00
17.50	0.00	0.00	0.00	0.00
17.75	0.00	0.00	0.00	0.00
18.00	0.00	0.00	0.00	0.00
18.25	0.00	0.00	0.00	0.00
18.50	0.00	0.00	0.00	0.00
18.75	0.00	0.00	0.00	0.00
19.00	0.00	0.00	0.00	0.00
19.25	0.00	0.00	0.00	0.00
19.50	0.00	0.00	0.00	0.00
19.75	0.00	0.00	0.00	0.00
20.00	0.00	0.00	0.00	0.00
20.25	0.00	0.00	0.00	0.00
20.50	0.00	0.00	0.00	0.00
20.75	0.00	0.00	0.00	0.00
21.00	0.00	0.00	0.00	0.00
21.25	0.00	0.00	0.00	0.00
21.50	0.00	0.00	0.00	0.00
21.75	0.00	0.00	0.00	0.00
22.00	0.00	0.00	0.00	0.00
22.25	0.00	0.00	0.00	0.00
22.50	0.00	0.00	0.00	0.00
22.75	0.00	0.00	0.00	0.00
23.00	0.00	0.00	0.00	0.00
23.25	0.00	0.00	0.00	0.00
23.50	0.00	0.00	0.00	0.00
23.75	0.00	0.00	0.00	0.00
24.00	0.00	0.00	0.00	0.00
24.25	0.00	0.00	0.00	0.00
24.50	0.00	0.00	0.00	0.00
24.75	0.00	0.00	0.00	0.00
25.00	0.00	0.00	0.00	0.00
25.25	0.00	0.00	0.00	0.00
25.50	0.00	0.00	0.00	0.00
25.75	0.00	0.00	0.00	0.00
26.00	0.00	0.00	0.00	0.00
26.25	0.00	0.00	0.00	0.00
26.50	0.00	0.00	0.00	0.00
26.75	0.00	0.00	0.00	0.00
27.00	0.00	0.00	0.00	0.00
27.25	0.00	0.00	0.00	0.00
27.50	0.00	0.00	0.00	0.00
27.75	0.00	0.00	0.00	0.00
28.00	0.00	0.00	0.00	0.00
28.25	0.00	0.00	0.00	0.00
28.50	0.00	0.00	0.00	0.00
28.75	0.00	0.00	0.00	0.00
29.00	0.00	0.00	0.00	0.00
29.25	0.00	0.00	0.00	0.00
29.50	0.00	0.00	0.00	0.00
29.75	0.00	0.00	0.00	0.00
30.00	150.00	0.03	2.08	8.21
30.25	150.00	0.02	2.04	6.23
30.50	150.00	0.02	2.48	7.30
30.75	150.00	0.02	2.54	7.41
31.00	150.00	0.02	2.02	5.87
31.25	150.00	0.02	2.01	5.82
31.50	75.00	0.01	8.76	7.37
31.75	150.00	0.02	2.50	7.25
32.00	150.00	0.02	2.01	5.86
32.25	150.00	0.02	2.44	7.06
32.50	75.00	0.01	8.45	6.94
32.75	75.00	0.01	8.50	6.92
33.00	150.00	0.02	2.09	5.94
33.25	75.00	0.01	8.60	6.97
33.50	150.00	0.02	2.40	6.81
33.75	150.00	0.02	2.41	6.82
34.00	150.00	0.02	1.82	5.11
34.25	150.00	0.02	1.85	5.16
34.50	150.00	0.02	2.41	6.70
34.75	150.00	0.02	2.20	6.06
35.00	75.00	0.01	8.35	6.35
35.25	75.00	0.01	8.09	6.11
35.50	75.00	0.01	8.08	6.07
35.75	150.00	0.02	1.69	4.63
36.00	150.00	0.02	2.13	5.84
36.25	150.00	0.02	2.04	5.59
36.50	75.00	0.01	6.66	5.01
36.75	150.00	0.02	1.50	4.10
37.00	75.00	0.01	7.42	5.58
37.25	150.00	0.02	1.70	4.66
37.50	75.00	0.01	6.38	4.80
37.75	150.00	0.02	1.79	4.89
38.00	75.00	0.01	4.29	2.94
38.25	150.00	0.02	0.41	1.13
38.50	75.00	0.01	5.11	3.84
38.75	75.00	0.01	3.22	2.43
39.00	75.00	0.01	4.60	3.46
39.25	75.00	0.01	5.13	3.86
39.50	75.00	0.01	2.57	1.93
39.75	75.00	0.01	1.46	1.10
40.00	75.00	0.01	1.33	1.00
40.25	75.00	0.01	0.52	0.39
40.50	75.00	0.01	2.36	1.77
40.75	0.00	0.00	0.00	0.35
41.00	0.00	0.00	0.00	0.00
41.25	0.00	0.00	0.00	0.00
41.50	0.00	0.00	0.00	0.40
41.75	0.00	0.00	0.00	0.00
42.00	0.00	0.00	0.00	0.00

42.25	0.00	0.00	0.00	0.00
42.50	0.00	0.00	0.00	0.00
42.75	150.00	0.02	1.14	3.43
43.00	0.00	0.00	0.00	0.00
43.25	0.00	0.00	0.00	0.00
43.50	0.00	0.00	0.00	0.00
43.75	0.00	0.00	0.00	0.00
44.00	75.00	0.01	0.69	0.47
44.25	0.00	0.00	0.00	0.00
44.50	0.00	0.00	0.00	0.00
44.75	0.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	0.00
45.25	0.00	0.00	0.00	0.00
45.50	0.00	0.00	0.00	0.00
45.75	0.00	0.00	0.00	0.00
46.00	0.00	0.00	0.00	0.00
46.25	0.00	0.00	0.00	0.00
46.50	0.00	0.00	0.00	0.00
46.75	0.00	0.00	0.00	0.00
47.00	0.00	0.00	0.00	0.00
47.25	0.00	0.00	0.00	0.00
47.50	0.00	0.00	0.00	0.00
47.75	0.00	0.00	0.00	0.00
48.00	0.00	0.00	0.00	0.00
48.25	0.00	0.00	0.00	0.00
48.50	0.00	0.00	0.00	0.00
48.75	0.00	0.00	0.00	0.00
49.00	0.00	0.00	0.00	0.00
49.25	0.00	0.00	0.00	0.00
49.50	0.00	0.00	0.00	0.00
49.75	0.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	0.00
50.25	0.00	0.00	0.00	0.00
50.50	0.00	0.00	0.00	0.00
50.75	0.00	0.00	0.00	0.00
51.00	0.00	0.00	0.00	0.00
51.25	0.00	0.00	0.00	0.00
51.50	0.00	0.00	0.00	0.00
51.75	0.00	0.00	0.00	0.00
52.00	0.00	0.00	0.00	0.00
52.25	0.00	0.00	0.00	0.00
52.50	0.00	0.00	0.00	0.00
52.75	0.00	0.00	0.00	0.00
53.00	0.00	0.00	0.00	0.00
53.25	0.00	0.00	0.00	0.00
53.50	0.00	0.00	0.00	0.00
53.75	0.00	0.00	0.00	0.00
54.00	0.00	0.00	0.00	0.00
54.25	0.00	0.00	0.00	0.00
54.50	0.00	0.00	0.00	0.00
54.75	0.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	0.00
55.25	0.00	0.00	0.00	0.00
55.50	0.00	0.00	0.00	0.00
55.75	0.00	0.00	0.00	0.00
56.00	0.00	0.00	0.00	0.00
56.25	0.00	0.00	0.00	0.00
56.50	0.00	0.00	0.00	0.00
56.75	0.00	0.00	0.00	0.00
57.00	0.00	0.00	0.00	0.00
57.25	0.00	0.00	0.00	0.00
57.50	0.00	0.00	0.00	0.00
57.75	0.00	0.00	0.00	0.00
58.00	0.00	0.00	0.00	0.00
58.25	0.00	0.00	0.00	0.00
58.50	0.00	0.00	0.00	0.00
58.75	0.00	0.00	0.00	0.00
59.00	0.00	0.00	0.00	0.00
59.25	0.00	0.00	0.00	0.00
59.50	0.00	0.00	0.00	0.00
59.75	0.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	0.00
60.25	0.00	0.00	0.00	0.00
60.50	0.00	0.00	0.00	0.00
60.75	0.00	0.00	0.00	0.00
61.00	0.00	0.00	0.00	0.00
61.25	0.00	0.00	0.00	0.00
61.50	0.00	0.00	0.00	0.00
61.75	0.00	0.00	0.00	0.00
62.00	0.00	0.00	0.00	0.00
62.25	0.00	0.00	0.00	0.00
62.50	0.00	0.00	0.00	0.00
62.75	0.00	0.00	0.00	0.00
63.00	0.00	0.00	0.00	0.00
63.25	0.00	0.00	0.00	0.00
63.50	0.00	0.00	0.00	0.00
63.75	0.00	0.00	0.00	0.00
64.00	0.00	0.00	0.00	0.00
64.25	0.00	0.00	0.00	0.00
64.50	0.00	0.00	0.00	0.00
64.75	0.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	0.00
65.25	0.00	0.00	0.00	0.00
65.50	0.00	0.00	0.00	0.00
65.75	0.00	0.00	0.00	0.00
66.00	0.00	0.00	0.00	0.00
66.25	0.00	0.00	0.00	0.00
66.50	0.00	0.00	0.00	0.00
66.75	0.00	0.00	0.00	0.00
67.00	0.00	0.00	0.00	0.00
67.25	0.00	0.00	0.00	0.00
67.50	0.00	0.00	0.00	0.00
67.75	0.00	0.00	0.00	0.00
68.00	0.00	0.00	0.00	0.00
68.25	0.00	0.00	0.00	0.00
68.50	0.00	0.00	0.00	0.00

68.75	0.00	0.00	0.00	0.00
69.00	0.00	0.00	0.00	0.00
69.25	0.00	0.00	0.00	0.00
69.50	0.00	0.00	0.00	0.00
69.75	0.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	0.00
70.25	0.00	0.00	0.00	0.00
70.50	0.00	0.00	0.00	0.00
70.75	0.00	0.00	0.00	0.00
71.00	0.00	0.00	0.00	0.00
71.25	0.00	0.00	0.00	0.00
71.50	0.00	0.00	0.00	0.00
71.75	0.00	0.00	0.00	0.00
72.00	0.00	0.00	0.00	0.00

THE MAXIMUM DISCHARGE FROM CROSS SECTION 30 IS: 0.00 CFS AT TIME: 0.00 HOURS
THE TOTAL VOLUME OF DISCHARGE IS: 0.00 AF

HYDROGRAPH AND AVERAGE FLOODPLAIN HYDRAULICS FOR CROSS SECTION NO: 30

TIME (HRS)	TOPWID (FT)	DEPTH (FT)	VELOCITY (FPS)	DISCHARGE (CFS)
0.25	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	0.00
0.75	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00
1.25	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	0.00
1.75	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00
2.25	0.00	0.00	0.00	0.00
2.50	0.00	0.00	0.00	0.00
2.75	0.00	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.00
3.25	0.00	0.00	0.00	0.00
3.50	0.00	0.00	0.00	0.00
3.75	0.00	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00
4.25	0.00	0.00	0.00	0.00
4.50	0.00	0.00	0.00	0.00
4.75	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00
5.25	0.00	0.00	0.00	0.00
5.50	0.00	0.00	0.00	0.00
5.75	0.00	0.00	0.00	0.00
6.00	0.00	0.00	0.00	0.00
6.25	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00
6.75	0.00	0.00	0.00	0.00
7.00	0.00	0.00	0.00	0.00
7.25	0.00	0.00	0.00	0.00
7.50	0.00	0.00	0.00	0.00
7.75	0.00	0.00	0.00	0.00
8.00	0.00	0.00	0.00	0.00
8.25	0.00	0.00	0.00	0.00
8.50	0.00	0.00	0.00	0.00
8.75	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	0.00
9.25	0.00	0.00	0.00	0.00
9.50	0.00	0.00	0.00	0.00
9.75	0.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	0.00
10.25	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00
10.75	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.00
11.25	0.00	0.00	0.00	0.00
11.50	0.00	0.00	0.00	0.00
11.75	0.00	0.00	0.00	0.00
12.00	0.00	0.00	0.00	0.00
12.25	0.00	0.00	0.00	0.00
12.50	0.00	0.00	0.00	0.00
12.75	0.00	0.00	0.00	0.00
13.00	0.00	0.00	0.00	0.00
13.25	0.00	0.00	0.00	0.00
13.50	0.00	0.00	0.00	0.00
13.75	0.00	0.00	0.00	0.00
14.00	0.00	0.00	0.00	0.00
14.25	0.00	0.00	0.00	0.00
14.50	0.00	0.00	0.00	0.00
14.75	0.00	0.00	0.00	0.00
15.00	0.00	0.00	0.00	0.00
15.25	0.00	0.00	0.00	0.00
15.50	0.00	0.00	0.00	0.00
15.75	0.00	0.00	0.00	0.00
16.00	0.00	0.00	0.00	0.00
16.25	0.00	0.00	0.00	0.00
16.50	0.00	0.00	0.00	0.00
16.75	0.00	0.00	0.00	0.00
17.00	0.00	0.00	0.00	0.00
17.25	0.00	0.00	0.00	0.00
17.50	0.00	0.00	0.00	0.00
17.75	0.00	0.00	0.00	0.00
18.00	0.00	0.00	0.00	0.00
18.25	0.00	0.00	0.00	0.00
18.50	0.00	0.00	0.00	0.00
18.75	0.00	0.00	0.00	0.00
19.00	0.00	0.00	0.00	0.00
19.25	0.00	0.00	0.00	0.00
19.50	0.00	0.00	0.00	0.00
19.75	0.00	0.00	0.00	0.00
20.00	0.00	0.00	0.00	0.00
20.25	0.00	0.00	0.00	0.00
20.50	0.00	0.00	0.00	0.00

20.75	0.00	0.00	0.00	0.00
21.00	0.00	0.00	0.00	0.00
21.25	0.00	0.00	0.00	0.00
21.50	0.00	0.00	0.00	0.00
21.75	0.00	0.00	0.00	0.00
22.00	0.00	0.00	0.00	0.00
22.25	0.00	0.00	0.00	0.00
22.50	0.00	0.00	0.00	0.00
22.75	0.00	0.00	0.00	0.00
23.00	0.00	0.00	0.00	0.00
23.25	0.00	0.00	0.00	0.00
23.50	0.00	0.00	0.00	0.00
23.75	0.00	0.00	0.00	0.00
24.00	0.00	0.00	0.00	0.00
24.25	0.00	0.00	0.00	0.00
24.50	0.00	0.00	0.00	0.00
24.75	0.00	0.00	0.00	0.00
25.00	0.00	0.00	0.00	0.00
25.25	0.00	0.00	0.00	0.00
25.50	0.00	0.00	0.00	0.00
25.75	0.00	0.00	0.00	0.00
26.00	0.00	0.00	0.00	0.00
26.25	0.00	0.00	0.00	0.00
26.50	0.00	0.00	0.00	0.00
26.75	0.00	0.00	0.00	0.00
27.00	0.00	0.00	0.00	0.00
27.25	0.00	0.00	0.00	0.00
27.50	0.00	0.00	0.00	0.00
27.75	0.00	0.00	0.00	0.00
28.00	0.00	0.00	0.00	0.00
28.25	0.00	0.00	0.00	0.00
28.50	0.00	0.00	0.00	0.00
28.75	0.00	0.00	0.00	0.00
29.00	0.00	0.00	0.00	0.00
29.25	0.00	0.00	0.00	0.00
29.50	0.00	0.00	0.00	0.00
29.75	0.00	0.00	0.00	0.00
30.00	0.00	0.00	0.00	0.00
30.25	0.00	0.00	0.00	0.00
30.50	0.00	0.00	0.00	0.00
30.75	0.00	0.00	0.00	0.00
31.00	0.00	0.00	0.00	0.00
31.25	0.00	0.00	0.00	0.00
31.50	0.00	0.00	0.00	0.00
31.75	0.00	0.00	0.00	0.00
32.00	0.00	0.00	0.00	0.00
32.25	0.00	0.00	0.00	0.00
32.50	0.00	0.00	0.00	0.00
32.75	0.00	0.00	0.00	0.00
33.00	0.00	0.00	0.00	0.00
33.25	0.00	0.00	0.00	0.00
33.50	0.00	0.00	0.00	0.00
33.75	0.00	0.00	0.00	0.00
34.00	0.00	0.00	0.00	0.00
34.25	0.00	0.00	0.00	0.00
34.50	0.00	0.00	0.00	0.00
34.75	0.00	0.00	0.00	0.00
35.00	0.00	0.00	0.00	0.00
35.25	0.00	0.00	0.00	0.00
35.50	0.00	0.00	0.00	0.00
35.75	0.00	0.00	0.00	0.00
36.00	0.00	0.00	0.00	0.00
36.25	0.00	0.00	0.00	0.00
36.50	0.00	0.00	0.00	0.00
36.75	0.00	0.00	0.00	0.00
37.00	0.00	0.00	0.00	0.00
37.25	0.00	0.00	0.00	0.00
37.50	0.00	0.00	0.00	0.00
37.75	0.00	0.00	0.00	0.00
38.00	0.00	0.00	0.00	0.00
38.25	0.00	0.00	0.00	0.00
38.50	0.00	0.00	0.00	0.00
38.75	0.00	0.00	0.00	0.00
39.00	0.00	0.00	0.00	0.00
39.25	0.00	0.00	0.00	0.00
39.50	0.00	0.00	0.00	0.00
39.75	0.00	0.00	0.00	0.00
40.00	0.00	0.00	0.00	0.00
40.25	0.00	0.00	0.00	0.00
40.50	0.00	0.00	0.00	0.00
40.75	0.00	0.00	0.00	0.00
41.00	0.00	0.00	0.00	0.00
41.25	0.00	0.00	0.00	0.00
41.50	0.00	0.00	0.00	0.00
41.75	0.00	0.00	0.00	0.00
42.00	0.00	0.00	0.00	0.00
42.25	0.00	0.00	0.00	0.00
42.50	0.00	0.00	0.00	0.00
42.75	0.00	0.00	0.00	0.00
43.00	0.00	0.00	0.00	0.00
43.25	0.00	0.00	0.00	0.00
43.50	0.00	0.00	0.00	0.00
43.75	0.00	0.00	0.00	0.00
44.00	0.00	0.00	0.00	0.00
44.25	0.00	0.00	0.00	0.00
44.50	0.00	0.00	0.00	0.00
44.75	0.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	0.00
45.25	0.00	0.00	0.00	0.00
45.50	0.00	0.00	0.00	0.00
45.75	0.00	0.00	0.00	0.00
46.00	0.00	0.00	0.00	0.00
46.25	0.00	0.00	0.00	0.00
46.50	0.00	0.00	0.00	0.00
46.75	0.00	0.00	0.00	0.00
47.00	0.00	0.00	0.00	0.00

47.25	0.00	0.00	0.00	0.00
47.50	0.00	0.00	0.00	0.00
47.75	0.00	0.00	0.00	0.00
48.00	0.00	0.00	0.00	0.00
48.25	0.00	0.00	0.00	0.00
48.50	0.00	0.00	0.00	0.00
48.75	0.00	0.00	0.00	0.00
49.00	0.00	0.00	0.00	0.00
49.25	0.00	0.00	0.00	0.00
49.50	0.00	0.00	0.00	0.00
49.75	0.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	0.00
50.25	0.00	0.00	0.00	0.00
50.50	0.00	0.00	0.00	0.00
50.75	0.00	0.00	0.00	0.00
51.00	0.00	0.00	0.00	0.00
51.25	0.00	0.00	0.00	0.00
51.50	0.00	0.00	0.00	0.00
51.75	0.00	0.00	0.00	0.00
52.00	0.00	0.00	0.00	0.00
52.25	0.00	0.00	0.00	0.00
52.50	0.00	0.00	0.00	0.00
52.75	0.00	0.00	0.00	0.00
53.00	0.00	0.00	0.00	0.00
53.25	0.00	0.00	0.00	0.00
53.50	0.00	0.00	0.00	0.00
53.75	0.00	0.00	0.00	0.00
54.00	0.00	0.00	0.00	0.00
54.25	0.00	0.00	0.00	0.00
54.50	0.00	0.00	0.00	0.00
54.75	0.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	0.00
55.25	0.00	0.00	0.00	0.00
55.50	0.00	0.00	0.00	0.00
55.75	0.00	0.00	0.00	0.00
56.00	0.00	0.00	0.00	0.00
56.25	0.00	0.00	0.00	0.00
56.50	0.00	0.00	0.00	0.00
56.75	0.00	0.00	0.00	0.00
57.00	0.00	0.00	0.00	0.00
57.25	0.00	0.00	0.00	0.00
57.50	0.00	0.00	0.00	0.00
57.75	0.00	0.00	0.00	0.00
58.00	0.00	0.00	0.00	0.00
58.25	0.00	0.00	0.00	0.00
58.50	0.00	0.00	0.00	0.00
58.75	0.00	0.00	0.00	0.00
59.00	0.00	0.00	0.00	0.00
59.25	0.00	0.00	0.00	0.00
59.50	0.00	0.00	0.00	0.00
59.75	0.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	0.00
60.25	0.00	0.00	0.00	0.00
60.50	0.00	0.00	0.00	0.00
60.75	0.00	0.00	0.00	0.00
61.00	0.00	0.00	0.00	0.00
61.25	0.00	0.00	0.00	0.00
61.50	0.00	0.00	0.00	0.00
61.75	0.00	0.00	0.00	0.00
62.00	0.00	0.00	0.00	0.00
62.25	0.00	0.00	0.00	0.00
62.50	0.00	0.00	0.00	0.00
62.75	0.00	0.00	0.00	0.00
63.00	0.00	0.00	0.00	0.00
63.25	0.00	0.00	0.00	0.00
63.50	0.00	0.00	0.00	0.00
63.75	0.00	0.00	0.00	0.00
64.00	0.00	0.00	0.00	0.00
64.25	0.00	0.00	0.00	0.00
64.50	0.00	0.00	0.00	0.00
64.75	0.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	0.00
65.25	0.00	0.00	0.00	0.00
65.50	0.00	0.00	0.00	0.00
65.75	0.00	0.00	0.00	0.00
66.00	0.00	0.00	0.00	0.00
66.25	0.00	0.00	0.00	0.00
66.50	0.00	0.00	0.00	0.00
66.75	0.00	0.00	0.00	0.00
67.00	0.00	0.00	0.00	0.00
67.25	0.00	0.00	0.00	0.00
67.50	0.00	0.00	0.00	0.00
67.75	0.00	0.00	0.00	0.00
68.00	0.00	0.00	0.00	0.00
68.25	0.00	0.00	0.00	0.00
68.50	0.00	0.00	0.00	0.00
68.75	0.00	0.00	0.00	0.00
69.00	0.00	0.00	0.00	0.00
69.25	0.00	0.00	0.00	0.00
69.50	0.00	0.00	0.00	0.00
69.75	0.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	0.00
70.25	0.00	0.00	0.00	0.00
70.50	0.00	0.00	0.00	0.00
70.75	0.00	0.00	0.00	0.00
71.00	0.00	0.00	0.00	0.00
71.25	0.00	0.00	0.00	0.00
71.50	0.00	0.00	0.00	0.00
71.75	0.00	0.00	0.00	0.00
72.00	0.00	0.00	0.00	0.00