

TOWN OF  
**ADDISON**

**PUBLIC WORKS**

To: Diane

From: John Baumgartner

Company: Apollo Pool

Phone: 972/450-2971

FAX: 972/450-2837

FAX #: 972-242-9551

Date: 7-7-97

16801 Westgrove

P.O. Box 144

Addison, TX 75001

# of pages (including cover): 5

Original in mail

Per your request

FYI

Call me

Comments:

*Diane -  
Attached are three sample letters provided by the  
City of Dallas regarding various encroachments along  
White Rock Creek. Call me if you have any questions.  
Thanks John*

**IMPORTANT MESSAGE**

FOR John

DATE 7/8 TIME 8:11 A.M.  
P.M.

M Diane

OF Apollo Pools

PHONE 242-19551

FAX (214) 649-4211

MOBILE (214) 649-4211

TELEPHONED	<input checked="" type="checkbox"/>	PLEASE CALL	<input checked="" type="checkbox"/>
CAME TO SEE YOU	<input checked="" type="checkbox"/>	WILL CALL AGAIN	<input checked="" type="checkbox"/>
WANTS TO SEE YOU	<input checked="" type="checkbox"/>	BUSH	<input checked="" type="checkbox"/>
RETURNED YOUR CALL	<input type="checkbox"/>	WILL FAX TO YOU	<input type="checkbox"/>

MESSAGE re 2 installs  
1 - Celestial 1 - Washwood  
flood plain

leaving town Thursday  
Shill make Shill

SIGNED A at the table  
wherever you have  
the time

NOTES

adherent

① Per claim flood plan  
that Better will have  
to approve (bag)

② Albert and Seem different

(3871890)

Mike As Rew

14992

Col  
Shedden

How  
661-1911

REC'D OCT 02 1996



# Halff Associates

ENGINEERS • ARCHITECTS • SCIENTISTS  
PLANNERS • SURVEYORS

8616 NORTHWEST PLAZA DRIVE  
DALLAS, TEXAS 75225  
(214) 739-0094  
FAX (214) 739-0095

John Baumgartner P.E.  
Town of Addison  
16801 Westgrove Drive  
Addison, Texas 75001-0144

October 1, 1996  
AVO 15787

Ref: 5656 Celestial Road (Daseke tract)

Mr. Baumgartner;

Enclosed is a revised copy of the flood plain delineation, showing erosion control and reclamation, along with the revised plat for the Don Daseke tract at 5656 Celestial Road. The proposed improvements to the existing structure, and erosion control measures, will have no adverse effects on the 100 year water surface elevations in this area. If you have any questions or need additional information please do not hesitate to call.

Sincerely,

**HALFF ASSOCIATES INC.**

Dennis J. Chovan P.E.

DALLAS • FORT WORTH • HOUSTON • McALLEN

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TRANSPORTATION • WATER RESOURCES • LAND DEVELOPMENT • MUNICIPAL • ENVIRONMENTAL • STRUCTURAL  
MECHANICAL • ELECTRICAL • SURVEYING • GEOGRAPHIC INFORMATION SYSTEMS  
ARCHITECTURE • LANDSCAPE ARCHITECTURE • PLANNING



CITY OF DALLAS

September 15, 1995

Mr. John Baumgartner  
Town of Addison  
Public Works  
P.O.Box 144  
Addison, Texas 75001

Re: White Rock Creek Flood Plain  
Town of Addison  
Huitt-Zollars Project No. 01-1943-01

Dear Mr. Baumgartner:

The City of Dallas Flood Plain Management and Erosion Control Department has reviewed the existing encroachment at 15032 Winnwood Road in the White Rock Creek flood plain as required by the Town of Addison.

Four HEC-2 models were submitted; the EFFECTIVE model(WRC EX), the PRE-EXISTING model(WRCNEW1), the REVISED EXISTING model(WRCNEW2), and the EQUAL CONVEYANCE LOSS model (WRCNEW2A). A new cross section, number 129924, was added at the location of the encroachment to the PRE-EXISTING, the REVISED EXISTING, and the EQUAL CONVEYANCE LOSS models. Our review revealed that the left and right overbank stations for the new cross section did not correspond with any GR point. The left and right overbank stations were therefore edited from 1306 and 1409 to 1311 and 1405 respectively. Our review also revealed that the EQUAL CONVEYANCE LOSS model east bank actually gained rather than lost 13 sq.ft. of conveyance area. The EQUAL CONVEYANCE LOSS model east bank GR points were therefore edited to create a 13 sq.ft. loss of conveyance. The results for section number 129924 are summarized below.

**SUMMARY OF MODEL RESULTS\***

SECTION NUMBER	EFFECTIVE MODEL		PRE-EXISTING MODEL		REV-EXISTING MODEL		EQUAL LOSS MODEL	
	WSEL	V(fps)	WSEL	V(fps)	WSEL	V(fps)	WSEL	V(fps)
129873	557.60	10.94	557.60	10.94	557.60	10.94	557.60	10.94
129924	N/A	N/A	557.66	11.38	557.66	11.39	557.65	11.40
129972	557.76	11.37	557.74	11.39	557.74	11.39	557.74	11.40

\*100 year future condition

Mr. John Baumgartner  
September 15, 1995  
Page 2

Based on the results above, the existing encroachments at 15032 Winnwood Road in Addison do meet the City of Dallas' engineering criteria for filling in the flood plain.

We thank you for the opportunity to review the study.

Sincerely,



Ben Cernosek, P.E.  
Acting Program Manager  
Flood Plain Management and Erosion Control  
Public Works and Transportation

LD/TS1844

c: Mark H. Seits, P.E., Huitt-Zollars, Inc.



CITY OF DALLAS

December 10, 1991

Phil Nelson  
14916 Winnwood  
Dallas, Texas 75240

Re: Fence Location  
14916 Winnwood

Dear Mr. Nelson:

The situation concerning the location of an existing fence within a floodway easement at the subject location has been reviewed per your request. We have no objections to the fence remaining if it is above the 100 year flood elevation as you have stated.

If you have any additional questions, please contact me at 948-4244.

Sincerely,

Michael H. Askew, P.E.  
Program Manager  
Development Activities

ASKEW911.JKM



CITY OF DALLAS

May 15, 1991

Mr. Dimitri Mataragas  
4949 Westgrove  
Dallas, Texas 75248

Re: 9002 Winnwood Lane  
Addison Texas  
Lot 2 of Strassbourgh Addition

Dear Mr. Mataragas:

The City of Dallas Public Works Department has no objection to the construction of a pool and wall at the aforementioned address, provided that the work is done in accordance with the plans submitted to our office by Cook Consultants, Inc.

Please give me a call at 948-4230 if you have any questions or need additional information.

Sincerely,

Glenn R. Hughes, P.E.  
Project Engineer  
Development Activities

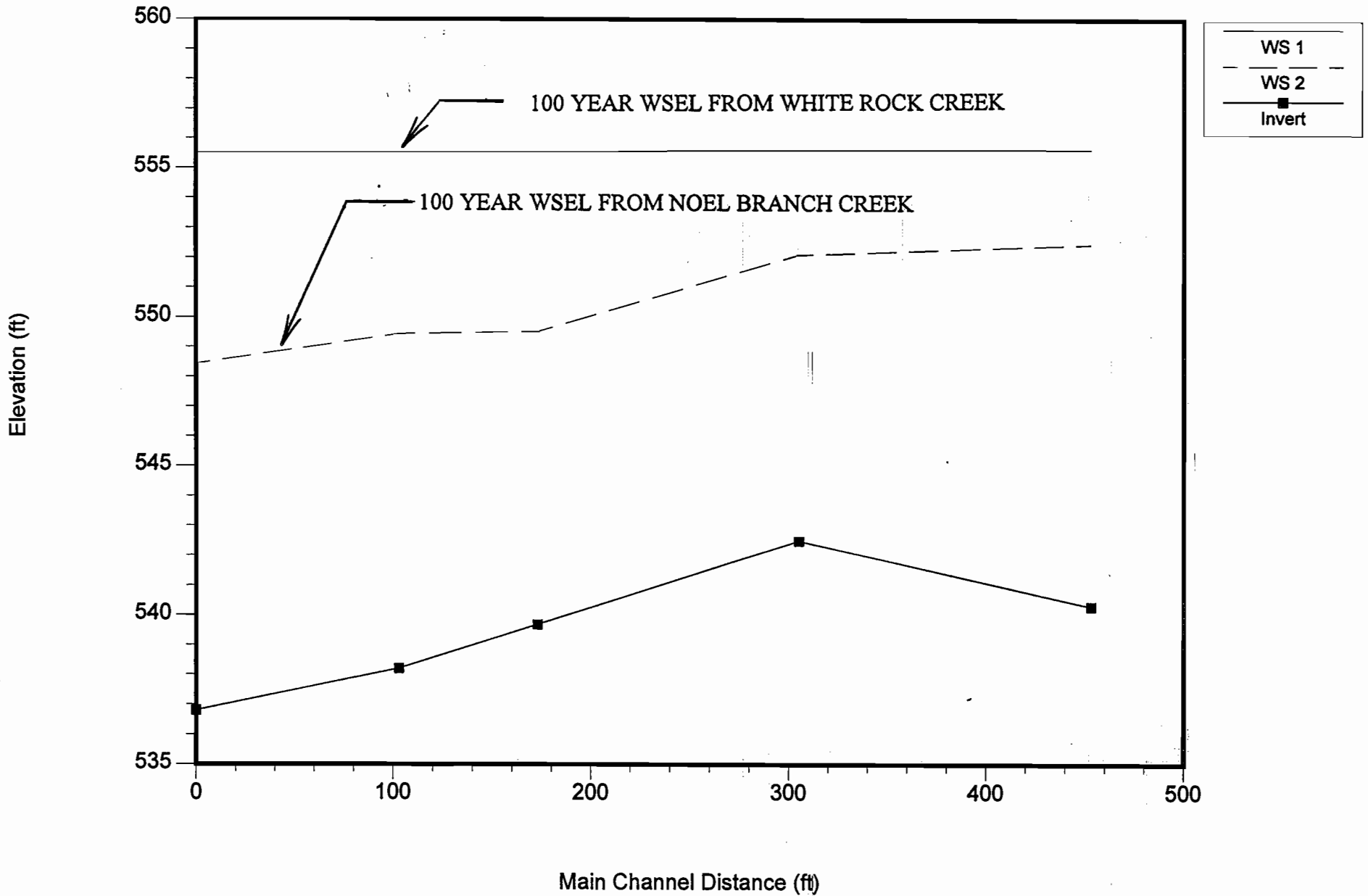
aa

DOC2:GRH26



HEC-RAS Plan: EXISTING Reach: Noel Branch

River Sta.	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
	(cfs)	(ft)	(ft)	(ft)	(ft)	(ft/ft)	(ft/s)	(sq ft)	(ft)	
1000	1780.00	536.80	548.44	546.67	549.34	0.007697	8.21	298.42	73.63	0.56
1103	1780.00	538.20	549.43		549.69	0.001489	4.10	463.57	85.57	0.27
1173	1780.00	539.68	549.52	549.52	551.03	0.027825	9.87	180.34	59.19	1.00
1305	1780.00	542.48	552.11		552.32	0.004328	3.82	525.26	143.98	0.31
1453	1780.00	540.30	552.46		553.11	0.004495	6.59	324.52	90.68	0.44



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*****
*
* FLOOD HYDROGRAPH PACKAGE (HEC-1) *
* MAY 1991 *
* VERSION 4.0.1E *
*
* RUN DATE 09/06/96 TIME 17:18:09 *
*
*****

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*****
*
* U.S. ARMY CORPS OF ENGINEERS *
* HYDROLOGIC ENGINEERING CENTER *
* 609 SECOND STREET *
* DAVIS, CALIFORNIA 95616 *
* (916) 551-1748 *
*
*****

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X X XXXXXXXX XXXXX X
X X X X X XX
X X X X X
XXXXXXXX XXXX X XXXXX X
X X X X X
X X X X X
X X XXXXXXXX XXXXX XXX

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

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

1

HEC-1 INPUT

PAGE 1

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LINE ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10
*
* *****
* 24-HR SCS TYPE-II STORM DISTRIBUTION WITH 6 MINUTE INTERVALS *
* *****
*DIAGRAM
1 ID Daseke Addition - AVO 15787
2 ID HALFF ASSOCIATES, INC. RPE 9/6/96 FILE: DASADD.DAT
3 IT 6 30MAY96 1200 300
4 IO 1
5 JP 6
*
*
6 KK Total
7 KM TOTAL DRAINAGE AREA
8 KP 1
* 2-YEAR
9 PB 3.95
*

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10	PC	0.0	.00101	.00202	.00305	.00408	.00513	.00618	.00725	.00832	.00941
11	PC	.01050	.01161	.01272	.01385	.01498	.01613	.01728	.01845	.01962	.02081
12	PC	.02200	.02321	.02442	.02565	.02688	.02813	.02938	.03065	.03192	.03321
13	PC	.03450	.03581	.03712	.03845	.03978	.04113	.04248	.04385	.04522	.04661
14	PC	.04800	.04941	.05084	.05229	.05376	.05525	.05676	.05829	.05984	.06141
15	PC	.06300	.06461	.06624	.06789	.06956	.07125	.07296	.07469	.07644	.07821
16	PC	.08000	.08181	.08364	.08549	.08736	.08925	.09116	.09309	.09504	.09701
17	PC	.09900	.10101	.10304	.10509	.10716	.10925	.11136	.11349	.11564	.11781
18	PC	.12000	.12225	.12460	.12705	.12960	.13225	.13500	.13785	.14080	.14385
19	PC	.14700	.15020	.15340	.15660	.15980	.16300	.16628	.16972	.17332	.17708
20	PC	.18100	.18512	.18948	.19408	.19892	.20400	.20940	.21520	.22140	.22800
21	PC	.23500	.24268	.25132	.26092	.27148	.28300	.30684	.35436	.43079	.56786
22	PC	.66300	.68196	.69864	.71304	.72516	.73500	.74344	.75136	.75876	.76564
23	PC	.77200	.77796	.78364	.78904	.79416	.79900	.80360	.80800	.81220	.81620
24	PC	.82000	.82367	.82726	.83079	.83424	.83763	.84094	.84419	.84736	.85047
25	PC	.85350	.85647	.85936	.86219	.86494	.86763	.87024	.87279	.87526	.87767
26	PC	.88000	.88229	.88455	.88679	.88900	.89119	.89335	.89549	.89760	.89969
27	PC	.90175	.90379	.90580	.90779	.90975	.91169	.91360	.91549	.91735	.91919
28	PC	.92100	.92279	.92455	.92629	.92800	.92969	.93135	.93299	.93460	.93619
29	PC	.93775	.93929	.94080	.94229	.94375	.94519	.94660	.94799	.94935	.95069
30	PC	.95200	.95330	.95459	.95588	.95716	.95844	.95971	.96098	.96224	.96350
31	PC	.96475	.96600	.96724	.96848	.96971	.97094	.97216	.97338	.97459	.97580
32	PC	.97700	.97820	.97939	.98058	.98176	.98294	.98411	.98528	.98644	.98760
33	PC	.98875	.98990	.99104	.99218	.99331	.99444	.99556	.99668	.99779	.99890
34	PC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

35 BA .3578  
 36 LS 0 88 0  
 37 UD .18  
 \*  
 38 KP 2  
 \* 5-YEAR  
 39 PB 5.32  
 \*  
 40 KP 3  
 \* 10-YEAR

HEC-1 INPUT

PAGE 2

1

LINE	ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10
41	PB 6.26
	*
42	KP 4
	* 25-YEAR
43	PB 7.42
	*
44	KP 5
	* 50-YEAR
45	PB 8.42
	*
46	KP 6
	* 100-YEAR
47	PB 9.42
	*
48	ZZ

1

SCHEMATIC DIAGRAM OF STREAM NETWORK

INPUT  
 LINE (V) ROUTING (--->) DIVERSION OR PUMP FLOW  
 NO. (.) CONNECTOR (<---) RETURN OF DIVERTED OR PUMPED FLOW  
 6 Total

(\*\*\*) RUNOFF ALSO COMPUTED AT THIS LOCATION

\*\*\*\*\*  
 \* FLOOD HYDROGRAPH PACKAGE (HEC-1) \*  
 \* MAY 1991 \*  
 \* VERSION 4.0.1E \*  
 \* RUN DATE 09/06/96 TIME 17:18:09 \*  
 \*\*\*\*\*

\*\*\*\*\*  
 \* U.S. ARMY CORPS OF ENGINEERS \*  
 \* HYDROLOGIC ENGINEERING CENTER \*  
 \* 609 SECOND STREET \*  
 \* DAVIS, CALIFORNIA 95616 \*  
 \* (916) 551-1748 \*  
 \*\*\*\*\*

Daseke Addition - AVO 15787  
 HALFF ASSOCIATES, INC. RPE 9/6/96 FILE: DASADD.DAT

4 IO OUTPUT CONTROL VARIABLES  
 IPRNT 1 PRINT CONTROL  
 IPLOT 0 PLOT CONTROL  
 QSCAL 0. HYDROGRAPH PLOT SCALE

IT HYDROGRAPH TIME DATA  
 NMIN 6 MINUTES IN COMPUTATION INTERVAL  
 IDATE 30MAY96 STARTING DATE  
 ITIME 1200 STARTING TIME  
 NQ 300 NUMBER OF HYDROGRAPH ORDINATES  
 NDDATE 31MAY96 ENDING DATE  
 NDTIME 1754 ENDING TIME  
 ICENT 19 CENTURY MARK

COMPUTATION INTERVAL 0.10 HOURS  
 TOTAL TIME BASE 29.90 HOURS

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

JP MULTI-PLAN OPTION  
 NPLAN 6 NUMBER OF PLANS

JR MULTI-RATIO OPTION  
 RATIOS OF RUNOFF  
 1.00

\*\*\* \*\*

\*\*\*\*\*  
 \*           \*  
 6 KK       \*    Total   \*  
 \*           \*  
 \*\*\*\*\*

TOTAL DRAINAGE AREA

\*\*\* \*\*

8 KP       PLAN 1 FOR STATION    Total

SUBBASIN RUNOFF DATA

35 BA       SUBBASIN CHARACTERISTICS  
             TAREA           0.36 SUBBASIN AREA

PRECIPITATION DATA

9 PB                  STORM           3.95 BASIN TOTAL PRECIPITATION

10 PI       INCREMENTAL PRECIPITATION PATTERN

0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

36 LS       SCS LOSS RATE  
             STRTL           0.27 INITIAL ABSTRACTION  
             CRVNBR         88.00 CURVE NUMBER  
             RTIMP          0.00 PERCENT IMPERVIOUS AREA

37 UD

SCS DIMENSIONLESS UNITGRAPH  
TLAG 0.18 LAG

\*\*\*

WARNING \*\*\* TIME INTERVAL IS GREATER THAN .29\*LAG

UNIT HYDROGRAPH  
11 END-OF-PERIOD ORDINATES

277. 736. 649. 328. 164. 80. 39. 20. 10. 5.  
2.

\*\*\*\*\*

HYDROGRAPH AT STATION Total

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DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q	*	DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q
30	MAY	1200	1	0.00	0.00	0.00	0.	*	31	MAY	0300	151	0.01	0.00	0.01	26.
30	MAY	1206	2	0.00	0.00	0.00	0.	*	31	MAY	0306	152	0.01	0.00	0.01	26.
30	MAY	1212	3	0.00	0.00	0.00	0.	*	31	MAY	0312	153	0.01	0.00	0.01	25.
30	MAY	1218	4	0.00	0.00	0.00	0.	*	31	MAY	0318	154	0.01	0.00	0.01	25.
30	MAY	1224	5	0.00	0.00	0.00	0.	*	31	MAY	0324	155	0.01	0.00	0.01	24.
30	MAY	1230	6	0.00	0.00	0.00	0.	*	31	MAY	0330	156	0.01	0.00	0.01	23.
30	MAY	1236	7	0.00	0.00	0.00	0.	*	31	MAY	0336	157	0.01	0.00	0.01	23.
30	MAY	1242	8	0.00	0.00	0.00	0.	*	31	MAY	0342	158	0.01	0.00	0.01	22.
30	MAY	1248	9	0.00	0.00	0.00	0.	*	31	MAY	0348	159	0.01	0.00	0.01	22.
30	MAY	1254	10	0.00	0.00	0.00	0.	*	31	MAY	0354	160	0.01	0.00	0.01	21.
30	MAY	1300	11	0.00	0.00	0.00	0.	*	31	MAY	0400	161	0.01	0.00	0.01	21.
30	MAY	1306	12	0.00	0.00	0.00	0.	*	31	MAY	0406	162	0.01	0.00	0.01	20.
30	MAY	1312	13	0.00	0.00	0.00	0.	*	31	MAY	0412	163	0.01	0.00	0.01	20.
30	MAY	1318	14	0.00	0.00	0.00	0.	*	31	MAY	0418	164	0.01	0.00	0.01	19.
30	MAY	1324	15	0.00	0.00	0.00	0.	*	31	MAY	0424	165	0.01	0.00	0.01	19.
30	MAY	1330	16	0.00	0.00	0.00	0.	*	31	MAY	0430	166	0.01	0.00	0.01	19.
30	MAY	1336	17	0.00	0.00	0.00	0.	*	31	MAY	0436	167	0.01	0.00	0.01	18.
30	MAY	1342	18	0.00	0.00	0.00	0.	*	31	MAY	0442	168	0.01	0.00	0.01	18.
30	MAY	1348	19	0.00	0.00	0.00	0.	*	31	MAY	0448	169	0.01	0.00	0.01	18.
30	MAY	1354	20	0.00	0.00	0.00	0.	*	31	MAY	0454	170	0.01	0.00	0.01	18.
30	MAY	1400	21	0.00	0.00	0.00	0.	*	31	MAY	0500	171	0.01	0.00	0.01	18.
30	MAY	1406	22	0.00	0.00	0.00	0.	*	31	MAY	0506	172	0.01	0.00	0.01	17.
30	MAY	1412	23	0.00	0.00	0.00	0.	*	31	MAY	0512	173	0.01	0.00	0.01	17.
30	MAY	1418	24	0.00	0.00	0.00	0.	*	31	MAY	0518	174	0.01	0.00	0.01	17.
30	MAY	1424	25	0.00	0.00	0.00	0.	*	31	MAY	0524	175	0.01	0.00	0.01	17.
30	MAY	1430	26	0.00	0.00	0.00	0.	*	31	MAY	0530	176	0.01	0.00	0.01	17.
30	MAY	1436	27	0.00	0.00	0.00	0.	*	31	MAY	0536	177	0.01	0.00	0.01	16.
30	MAY	1442	28	0.01	0.01	0.00	0.	*	31	MAY	0542	178	0.01	0.00	0.01	16.
30	MAY	1448	29	0.01	0.01	0.00	0.	*	31	MAY	0548	179	0.01	0.00	0.01	16.
30	MAY	1454	30	0.01	0.01	0.00	0.	*	31	MAY	0554	180	0.01	0.00	0.01	16.
30	MAY	1500	31	0.01	0.01	0.00	0.	*	31	MAY	0600	181	0.01	0.00	0.01	16.
30	MAY	1506	32	0.01	0.01	0.00	0.	*	31	MAY	0606	182	0.01	0.00	0.01	15.
30	MAY	1512	33	0.01	0.01	0.00	0.	*	31	MAY	0612	183	0.01	0.00	0.01	15.
30	MAY	1518	34	0.01	0.01	0.00	0.	*	31	MAY	0618	184	0.01	0.00	0.01	15.
30	MAY	1524	35	0.01	0.01	0.00	0.	*	31	MAY	0624	185	0.01	0.00	0.01	15.
30	MAY	1530	36	0.01	0.01	0.00	0.	*	31	MAY	0630	186	0.01	0.00	0.01	15.

30 MAY 1536	37	0.01	0.01	0.00	0.	*	31 MAY 0636	187	0.01	0.00	0.01	14.
30 MAY 1542	38	0.01	0.01	0.00	0.	*	31 MAY 0642	188	0.01	0.00	0.01	14.
30 MAY 1548	39	0.01	0.01	0.00	0.	*	31 MAY 0648	189	0.01	0.00	0.01	14.
30 MAY 1554	40	0.01	0.01	0.00	0.	*	31 MAY 0654	190	0.01	0.00	0.01	14.
30 MAY 1600	41	0.01	0.01	0.00	0.	*	31 MAY 0700	191	0.01	0.00	0.01	14.
30 MAY 1606	42	0.01	0.01	0.00	0.	*	31 MAY 0706	192	0.01	0.00	0.01	13.
30 MAY 1612	43	0.01	0.01	0.00	0.	*	31 MAY 0712	193	0.01	0.00	0.01	13.
30 MAY 1618	44	0.01	0.01	0.00	0.	*	31 MAY 0718	194	0.01	0.00	0.01	13.
30 MAY 1624	45	0.01	0.01	0.00	0.	*	31 MAY 0724	195	0.01	0.00	0.01	13.
30 MAY 1630	46	0.01	0.01	0.00	0.	*	31 MAY 0730	196	0.01	0.00	0.01	12.
30 MAY 1636	47	0.01	0.01	0.00	0.	*	31 MAY 0736	197	0.01	0.00	0.01	12.
30 MAY 1642	48	0.01	0.01	0.00	0.	*	31 MAY 0742	198	0.01	0.00	0.01	12.
30 MAY 1648	49	0.01	0.01	0.00	0.	*	31 MAY 0748	199	0.01	0.00	0.00	12.
30 MAY 1654	50	0.01	0.01	0.00	0.	*	31 MAY 0754	200	0.01	0.00	0.00	12.
30 MAY 1700	51	0.01	0.01	0.00	0.	*	31 MAY 0800	201	0.01	0.00	0.00	11.
30 MAY 1706	52	0.01	0.01	0.00	0.	*	31 MAY 0806	202	0.01	0.00	0.00	11.
30 MAY 1712	53	0.01	0.01	0.00	0.	*	31 MAY 0812	203	0.01	0.00	0.00	11.
30 MAY 1718	54	0.01	0.01	0.00	0.	*	31 MAY 0818	204	0.01	0.00	0.00	11.
30 MAY 1724	55	0.01	0.01	0.00	0.	*	31 MAY 0824	205	0.01	0.00	0.00	11.
30 MAY 1730	56	0.01	0.01	0.00	0.	*	31 MAY 0830	206	0.01	0.00	0.00	11.
30 MAY 1736	57	0.01	0.01	0.00	0.	*	31 MAY 0836	207	0.01	0.00	0.00	11.
30 MAY 1742	58	0.01	0.01	0.00	0.	*	31 MAY 0842	208	0.01	0.00	0.00	11.
30 MAY 1748	59	0.01	0.01	0.00	0.	*	31 MAY 0848	209	0.00	0.00	0.00	11.
30 MAY 1754	60	0.01	0.01	0.00	0.	*	31 MAY 0854	210	0.00	0.00	0.00	11.
30 MAY 1800	61	0.01	0.01	0.00	1.	*	31 MAY 0900	211	0.00	0.00	0.00	11.
30 MAY 1806	62	0.01	0.01	0.00	1.	*	31 MAY 0906	212	0.00	0.00	0.00	11.
30 MAY 1812	63	0.01	0.01	0.00	1.	*	31 MAY 0912	213	0.00	0.00	0.00	11.
30 MAY 1818	64	0.01	0.01	0.00	1.	*	31 MAY 0918	214	0.00	0.00	0.00	10.
30 MAY 1824	65	0.01	0.01	0.00	1.	*	31 MAY 0924	215	0.00	0.00	0.00	10.
30 MAY 1830	66	0.01	0.01	0.00	1.	*	31 MAY 0930	216	0.00	0.00	0.00	10.
30 MAY 1836	67	0.01	0.01	0.00	2.	*	31 MAY 0936	217	0.00	0.00	0.00	10.
30 MAY 1842	68	0.01	0.01	0.00	2.	*	31 MAY 0942	218	0.00	0.00	0.00	10.
30 MAY 1848	69	0.01	0.01	0.00	2.	*	31 MAY 0948	219	0.00	0.00	0.00	10.
30 MAY 1854	70	0.01	0.01	0.00	2.	*	31 MAY 0954	220	0.00	0.00	0.00	10.
30 MAY 1900	71	0.01	0.01	0.00	2.	*	31 MAY 1000	221	0.00	0.00	0.00	10.
30 MAY 1906	72	0.01	0.01	0.00	3.	*	31 MAY 1006	222	0.00	0.00	0.00	10.
30 MAY 1912	73	0.01	0.01	0.00	3.	*	31 MAY 1012	223	0.00	0.00	0.00	10.
30 MAY 1918	74	0.01	0.01	0.00	3.	*	31 MAY 1018	224	0.00	0.00	0.00	10.
30 MAY 1924	75	0.01	0.01	0.00	3.	*	31 MAY 1024	225	0.00	0.00	0.00	10.
30 MAY 1930	76	0.01	0.01	0.00	3.	*	31 MAY 1030	226	0.00	0.00	0.00	10.
30 MAY 1936	77	0.01	0.01	0.00	3.	*	31 MAY 1036	227	0.00	0.00	0.00	10.
30 MAY 1942	78	0.01	0.01	0.00	4.	*	31 MAY 1042	228	0.00	0.00	0.00	10.
30 MAY 1948	79	0.01	0.01	0.00	4.	*	31 MAY 1048	229	0.00	0.00	0.00	10.
30 MAY 1954	80	0.01	0.01	0.00	4.	*	31 MAY 1054	230	0.00	0.00	0.00	10.
30 MAY 2000	81	0.01	0.01	0.00	4.	*	31 MAY 1100	231	0.00	0.00	0.00	10.
30 MAY 2006	82	0.01	0.01	0.00	5.	*	31 MAY 1106	232	0.00	0.00	0.00	10.
30 MAY 2012	83	0.01	0.01	0.00	5.	*	31 MAY 1112	233	0.00	0.00	0.00	10.
30 MAY 2018	84	0.01	0.01	0.00	5.	*	31 MAY 1118	234	0.00	0.00	0.00	10.
30 MAY 2024	85	0.01	0.01	0.00	5.	*	31 MAY 1124	235	0.00	0.00	0.00	10.
30 MAY 2030	86	0.01	0.01	0.00	6.	*	31 MAY 1130	236	0.00	0.00	0.00	10.
30 MAY 2036	87	0.01	0.01	0.00	6.	*	31 MAY 1136	237	0.00	0.00	0.00	10.
30 MAY 2042	88	0.01	0.01	0.00	7.	*	31 MAY 1142	238	0.00	0.00	0.00	10.
30 MAY 2048	89	0.01	0.01	0.00	7.	*	31 MAY 1148	239	0.00	0.00	0.00	9.
30 MAY 2054	90	0.01	0.01	0.00	8.	*	31 MAY 1154	240	0.00	0.00	0.00	9.
30 MAY 2100	91	0.01	0.01	0.00	8.	*	31 MAY 1200	241	0.00	0.00	0.00	9.
30 MAY 2106	92	0.01	0.01	0.00	9.	*	31 MAY 1206	242	0.00	0.00	0.00	8.
30 MAY 2112	93	0.01	0.01	0.00	9.	*	31 MAY 1212	243	0.00	0.00	0.00	5.



30 MAY 2118	94	0.01	0.01	0.00	10.	*	31 MAY 1218	244	0.00	0.00	0.00	3.
30 MAY 2124	95	0.01	0.01	0.00	10.	*	31 MAY 1224	245	0.00	0.00	0.00	1.
30 MAY 2130	96	0.01	0.01	0.00	10.	*	31 MAY 1230	246	0.00	0.00	0.00	1.
30 MAY 2136	97	0.01	0.01	0.01	11.	*	31 MAY 1236	247	0.00	0.00	0.00	0.
30 MAY 2142	98	0.01	0.01	0.01	11.	*	31 MAY 1242	248	0.00	0.00	0.00	0.
30 MAY 2148	99	0.01	0.01	0.01	12.	*	31 MAY 1248	249	0.00	0.00	0.00	0.
30 MAY 2154	100	0.01	0.01	0.01	13.	*	31 MAY 1254	250	0.00	0.00	0.00	0.
30 MAY 2200	101	0.02	0.01	0.01	13.	*	31 MAY 1300	251	0.00	0.00	0.00	0.
30 MAY 2206	102	0.02	0.01	0.01	14.	*	31 MAY 1306	252	0.00	0.00	0.00	0.
30 MAY 2212	103	0.02	0.01	0.01	15.	*	31 MAY 1312	253	0.00	0.00	0.00	0.
30 MAY 2218	104	0.02	0.01	0.01	17.	*	31 MAY 1318	254	0.00	0.00	0.00	0.
30 MAY 2224	105	0.02	0.01	0.01	18.	*	31 MAY 1324	255	0.00	0.00	0.00	0.
30 MAY 2230	106	0.02	0.01	0.01	19.	*	31 MAY 1330	256	0.00	0.00	0.00	0.
30 MAY 2236	107	0.02	0.01	0.01	21.	*	31 MAY 1336	257	0.00	0.00	0.00	0.
30 MAY 2242	108	0.02	0.01	0.01	22.	*	31 MAY 1342	258	0.00	0.00	0.00	0.
30 MAY 2248	109	0.02	0.01	0.01	24.	*	31 MAY 1348	259	0.00	0.00	0.00	0.
30 MAY 2254	110	0.03	0.01	0.01	27.	*	31 MAY 1354	260	0.00	0.00	0.00	0.
30 MAY 2300	111	0.03	0.01	0.01	29.	*	31 MAY 1400	261	0.00	0.00	0.00	0.
30 MAY 2306	112	0.03	0.01	0.02	32.	*	31 MAY 1406	262	0.00	0.00	0.00	0.
30 MAY 2312	113	0.03	0.01	0.02	35.	*	31 MAY 1412	263	0.00	0.00	0.00	0.
30 MAY 2318	114	0.04	0.02	0.02	40.	*	31 MAY 1418	264	0.00	0.00	0.00	0.
30 MAY 2324	115	0.04	0.02	0.02	45.	*	31 MAY 1424	265	0.00	0.00	0.00	0.
30 MAY 2330	116	0.05	0.02	0.03	51.	*	31 MAY 1430	266	0.00	0.00	0.00	0.
30 MAY 2336	117	0.09	0.03	0.06	66.	*	31 MAY 1436	267	0.00	0.00	0.00	0.
30 MAY 2342	118	0.19	0.06	0.13	112.	*	31 MAY 1442	268	0.00	0.00	0.00	0.
30 MAY 2348	119	0.30	0.08	0.22	210.	*	31 MAY 1448	269	0.00	0.00	0.00	0.
30 MAY 2354	120	0.54	0.11	0.43	393.	*	31 MAY 1454	270	0.00	0.00	0.00	0.
31 MAY 0000	121	0.38	0.06	0.32	606.	*	31 MAY 1500	271	0.00	0.00	0.00	0.
31 MAY 0006	122	0.07	0.01	0.06	634.	*	31 MAY 1506	272	0.00	0.00	0.00	0.
31 MAY 0012	123	0.07	0.01	0.06	463.	*	31 MAY 1512	273	0.00	0.00	0.00	0.
31 MAY 0018	124	0.06	0.01	0.05	298.	*	31 MAY 1518	274	0.00	0.00	0.00	0.
31 MAY 0024	125	0.05	0.01	0.04	206.	*	31 MAY 1524	275	0.00	0.00	0.00	0.
31 MAY 0030	126	0.04	0.00	0.03	151.	*	31 MAY 1530	276	0.00	0.00	0.00	0.
31 MAY 0036	127	0.03	0.00	0.03	116.	*	31 MAY 1536	277	0.00	0.00	0.00	0.
31 MAY 0042	128	0.03	0.00	0.03	93.	*	31 MAY 1542	278	0.00	0.00	0.00	0.
31 MAY 0048	129	0.03	0.00	0.03	78.	*	31 MAY 1548	279	0.00	0.00	0.00	0.
31 MAY 0054	130	0.03	0.00	0.02	69.	*	31 MAY 1554	280	0.00	0.00	0.00	0.
31 MAY 0100	131	0.03	0.00	0.02	62.	*	31 MAY 1600	281	0.00	0.00	0.00	0.
31 MAY 0106	132	0.02	0.00	0.02	56.	*	31 MAY 1606	282	0.00	0.00	0.00	0.
31 MAY 0112	133	0.02	0.00	0.02	53.	*	31 MAY 1612	283	0.00	0.00	0.00	0.
31 MAY 0118	134	0.02	0.00	0.02	49.	*	31 MAY 1618	284	0.00	0.00	0.00	0.
31 MAY 0124	135	0.02	0.00	0.02	47.	*	31 MAY 1624	285	0.00	0.00	0.00	0.
31 MAY 0130	136	0.02	0.00	0.02	44.	*	31 MAY 1630	286	0.00	0.00	0.00	0.
31 MAY 0136	137	0.02	0.00	0.02	42.	*	31 MAY 1636	287	0.00	0.00	0.00	0.
31 MAY 0142	138	0.02	0.00	0.02	40.	*	31 MAY 1642	288	0.00	0.00	0.00	0.
31 MAY 0148	139	0.02	0.00	0.01	38.	*	31 MAY 1648	289	0.00	0.00	0.00	0.
31 MAY 0154	140	0.02	0.00	0.01	36.	*	31 MAY 1654	290	0.00	0.00	0.00	0.
31 MAY 0200	141	0.02	0.00	0.01	34.	*	31 MAY 1700	291	0.00	0.00	0.00	0.
31 MAY 0206	142	0.01	0.00	0.01	33.	*	31 MAY 1706	292	0.00	0.00	0.00	0.
31 MAY 0212	143	0.01	0.00	0.01	32.	*	31 MAY 1712	293	0.00	0.00	0.00	0.
31 MAY 0218	144	0.01	0.00	0.01	31.	*	31 MAY 1718	294	0.00	0.00	0.00	0.
31 MAY 0224	145	0.01	0.00	0.01	30.	*	31 MAY 1724	295	0.00	0.00	0.00	0.
31 MAY 0230	146	0.01	0.00	0.01	29.	*	31 MAY 1730	296	0.00	0.00	0.00	0.
31 MAY 0236	147	0.01	0.00	0.01	28.	*	31 MAY 1736	297	0.00	0.00	0.00	0.
31 MAY 0242	148	0.01	0.00	0.01	28.	*	31 MAY 1742	298	0.00	0.00	0.00	0.
31 MAY 0248	149	0.01	0.00	0.01	27.	*	31 MAY 1748	299	0.00	0.00	0.00	0.
31 MAY 0254	150	0.01	0.00	0.01	27.	*	31 MAY 1754	300	0.00	0.00	0.00	0.

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TOTAL RAINFALL = 3.95, TOTAL LOSS = 1.27, TOTAL EXCESS = 2.68

PEAK FLOW	TIME		6-HR	24-HR	72-HR	29.90-HR
(CFS)	(HR)	(CFS)				
634.	12.10		82.	26.	21.	21.
		(INCHES)	2.139	2.683	2.683	2.683
		(AC-FT)	41.	51.	51.	51.

CUMULATIVE AREA = 0.36 SQ MI

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HYDROGRAPH AT STATION Total  
PLAN 1, RATIO = 1.00

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DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*
30	MAY	1200	1	0.000	*	30	MAY	1930	76	3.291	*	31	MAY	0300	151	26.208	*	31	MAY	1030	226	10.012	*
30	MAY	1206	2	0.000	*	30	MAY	1936	77	3.490	*	31	MAY	0306	152	25.643	*	31	MAY	1036	227	9.972	*
30	MAY	1212	3	0.000	*	30	MAY	1942	78	3.691	*	31	MAY	0312	153	25.080	*	31	MAY	1042	228	9.931	*
30	MAY	1218	4	0.000	*	30	MAY	1948	79	3.895	*	31	MAY	0318	154	24.514	*	31	MAY	1048	229	9.890	*
30	MAY	1224	5	0.000	*	30	MAY	1954	80	4.100	*	31	MAY	0324	155	23.949	*	31	MAY	1054	230	9.849	*
30	MAY	1230	6	0.000	*	30	MAY	2000	81	4.308	*	31	MAY	0330	156	23.380	*	31	MAY	1100	231	9.809	*
30	MAY	1236	7	0.000	*	30	MAY	2006	82	4.528	*	31	MAY	0336	157	22.813	*	31	MAY	1106	232	9.768	*
30	MAY	1242	8	0.000	*	30	MAY	2012	83	4.792	*	31	MAY	0342	158	22.243	*	31	MAY	1112	233	9.727	*
30	MAY	1248	9	0.000	*	30	MAY	2018	84	5.118	*	31	MAY	0348	159	21.674	*	31	MAY	1118	234	9.686	*
30	MAY	1254	10	0.000	*	30	MAY	2024	85	5.496	*	31	MAY	0354	160	21.102	*	31	MAY	1124	235	9.646	*
30	MAY	1300	11	0.000	*	30	MAY	2030	86	5.911	*	31	MAY	0400	161	20.532	*	31	MAY	1130	236	9.605	*
30	MAY	1306	12	0.000	*	30	MAY	2036	87	6.355	*	31	MAY	0406	162	19.978	*	31	MAY	1136	237	9.564	*
30	MAY	1312	13	0.000	*	30	MAY	2042	88	6.823	*	31	MAY	0412	163	19.508	*	31	MAY	1142	238	9.523	*
30	MAY	1318	14	0.000	*	30	MAY	2048	89	7.315	*	31	MAY	0418	164	19.152	*	31	MAY	1148	239	9.482	*
30	MAY	1324	15	0.000	*	30	MAY	2054	90	7.829	*	31	MAY	0424	165	18.875	*	31	MAY	1154	240	9.441	*
30	MAY	1330	16	0.000	*	30	MAY	2100	91	8.364	*	31	MAY	0430	166	18.636	*	31	MAY	1200	241	9.400	*
30	MAY	1336	17	0.000	*	30	MAY	2106	92	8.902	*	31	MAY	0436	167	18.417	*	31	MAY	1206	242	8.244	*
30	MAY	1342	18	0.000	*	30	MAY	2112	93	9.390	*	31	MAY	0442	168	18.207	*	31	MAY	1212	243	5.249	*
30	MAY	1348	19	0.000	*	30	MAY	2118	94	9.796	*	31	MAY	0448	169	18.001	*	31	MAY	1218	244	2.620	*
30	MAY	1354	20	0.000	*	30	MAY	2124	95	10.139	*	31	MAY	0454	170	17.797	*	31	MAY	1224	245	1.293	*
30	MAY	1400	21	0.000	*	30	MAY	2130	96	10.448	*	31	MAY	0500	171	17.595	*	31	MAY	1230	246	0.629	*
30	MAY	1406	22	0.000	*	30	MAY	2136	97	10.770	*	31	MAY	0506	172	17.392	*	31	MAY	1236	247	0.305	*
30	MAY	1412	23	0.000	*	30	MAY	2142	98	11.208	*	31	MAY	0512	173	17.190	*	31	MAY	1242	248	0.146	*
30	MAY	1418	24	0.000	*	30	MAY	2148	99	11.821	*	31	MAY	0518	174	16.986	*	31	MAY	1248	249	0.067	*
30	MAY	1424	25	0.000	*	30	MAY	2154	100	12.572	*	31	MAY	0524	175	16.784	*	31	MAY	1254	250	0.028	*
30	MAY	1430	26	0.000	*	30	MAY	2200	101	13.410	*	31	MAY	0530	176	16.580	*	31	MAY	1300	251	0.007	*
30	MAY	1436	27	0.000	*	30	MAY	2206	102	14.327	*	31	MAY	0536	177	16.377	*	31	MAY	1306	252	0.000	*
30	MAY	1442	28	0.000	*	30	MAY	2212	103	15.364	*	31	MAY	0542	178	16.173	*	31	MAY	1312	253	0.000	*
30	MAY	1448	29	0.000	*	30	MAY	2218	104	16.545	*	31	MAY	0548	179	15.969	*	31	MAY	1318	254	0.000	*
30	MAY	1454	30	0.000	*	30	MAY	2224	105	17.845	*	31	MAY	0554	180	15.765	*	31	MAY	1324	255	0.000	*
30	MAY	1500	31	0.000	*	30	MAY	2230	106	19.234	*	31	MAY	0600	181	15.561	*	31	MAY	1330	256	0.000	*
30	MAY	1506	32	0.000	*	30	MAY	2236	107	20.739	*	31	MAY	0606	182	15.356	*	31	MAY	1336	257	0.000	*

30 MAY 1512	33	0.000	*	30 MAY 2242	108	22.470	*	31 MAY 0612	183	15.151	*	31 MAY 1342	258	0.000
30 MAY 1518	34	0.000	*	30 MAY 2248	109	24.494	*	31 MAY 0618	184	14.946	*	31 MAY 1348	259	0.000
30 MAY 1524	35	0.000	*	30 MAY 2254	110	26.761	*	31 MAY 0624	185	14.741	*	31 MAY 1354	260	0.000
30 MAY 1530	36	0.000	*	30 MAY 2300	111	29.204	*	31 MAY 0630	186	14.536	*	31 MAY 1400	261	0.000
30 MAY 1536	37	0.000	*	30 MAY 2306	112	31.959	*	31 MAY 0636	187	14.331	*	31 MAY 1406	262	0.000
30 MAY 1542	38	0.000	*	30 MAY 2312	113	35.477	*	31 MAY 0642	188	14.124	*	31 MAY 1412	263	0.000
30 MAY 1548	39	0.000	*	30 MAY 2318	114	40.033	*	31 MAY 0648	189	13.919	*	31 MAY 1418	264	0.000
30 MAY 1554	40	0.000	*	30 MAY 2324	115	45.435	*	31 MAY 0654	190	13.713	*	31 MAY 1424	265	0.000
30 MAY 1600	41	0.000	*	30 MAY 2330	116	51.424	*	31 MAY 0700	191	13.507	*	31 MAY 1430	266	0.000
30 MAY 1606	42	0.000	*	30 MAY 2336	117	65.853	*	31 MAY 0706	192	13.300	*	31 MAY 1436	267	0.000
30 MAY 1612	43	0.000	*	30 MAY 2342	118	111.588	*	31 MAY 0712	193	13.094	*	31 MAY 1442	268	0.000
30 MAY 1618	44	0.000	*	30 MAY 2348	119	209.661	*	31 MAY 0718	194	12.887	*	31 MAY 1448	269	0.000
30 MAY 1624	45	0.000	*	30 MAY 2354	120	392.763	*	31 MAY 0724	195	12.681	*	31 MAY 1454	270	0.000
30 MAY 1630	46	0.000	*	31 MAY 0000	121	606.202	*	31 MAY 0730	196	12.473	*	31 MAY 1500	271	0.000
30 MAY 1636	47	0.000	*	31 MAY 0006	122	634.163	*	31 MAY 0736	197	12.267	*	31 MAY 1506	272	0.000
30 MAY 1642	48	0.000	*	31 MAY 0012	123	462.624	*	31 MAY 0742	198	12.059	*	31 MAY 1512	273	0.000
30 MAY 1648	49	0.000	*	31 MAY 0018	124	298.268	*	31 MAY 0748	199	11.852	*	31 MAY 1518	274	0.000
30 MAY 1654	50	0.000	*	31 MAY 0024	125	205.928	*	31 MAY 0754	200	11.644	*	31 MAY 1524	275	0.000
30 MAY 1700	51	0.000	*	31 MAY 0030	126	150.799	*	31 MAY 0800	201	11.437	*	31 MAY 1530	276	0.000
30 MAY 1706	52	0.000	*	31 MAY 0036	127	115.596	*	31 MAY 0806	202	11.239	*	31 MAY 1536	277	0.000
30 MAY 1712	53	0.000	*	31 MAY 0042	128	92.552	*	31 MAY 0812	203	11.078	*	31 MAY 1542	278	0.000
30 MAY 1718	54	0.000	*	31 MAY 0048	129	78.078	*	31 MAY 0818	204	10.967	*	31 MAY 1548	279	0.000
30 MAY 1724	55	0.001	*	31 MAY 0054	130	68.521	*	31 MAY 0824	205	10.892	*	31 MAY 1554	280	0.000
30 MAY 1730	56	0.017	*	31 MAY 0100	131	61.544	*	31 MAY 0830	206	10.834	*	31 MAY 1600	281	0.000
30 MAY 1736	57	0.073	*	31 MAY 0106	132	56.444	*	31 MAY 0836	207	10.787	*	31 MAY 1606	282	0.000
30 MAY 1742	58	0.173	*	31 MAY 0112	133	52.518	*	31 MAY 0842	208	10.742	*	31 MAY 1612	283	0.000
30 MAY 1748	59	0.301	*	31 MAY 0118	134	49.338	*	31 MAY 0848	209	10.700	*	31 MAY 1618	284	0.000
30 MAY 1754	60	0.444	*	31 MAY 0124	135	46.645	*	31 MAY 0854	210	10.659	*	31 MAY 1624	285	0.000
30 MAY 1800	61	0.597	*	31 MAY 0130	136	44.194	*	31 MAY 0900	211	10.619	*	31 MAY 1630	286	0.000
30 MAY 1806	62	0.755	*	31 MAY 0136	137	41.897	*	31 MAY 0906	212	10.578	*	31 MAY 1636	287	0.000
30 MAY 1812	63	0.918	*	31 MAY 0142	138	39.790	*	31 MAY 0912	213	10.538	*	31 MAY 1642	288	0.000
30 MAY 1818	64	1.084	*	31 MAY 0148	139	37.897	*	31 MAY 0918	214	10.497	*	31 MAY 1648	289	0.000
30 MAY 1824	65	1.254	*	31 MAY 0154	140	36.148	*	31 MAY 0924	215	10.457	*	31 MAY 1654	290	0.000
30 MAY 1830	66	1.426	*	31 MAY 0200	141	34.470	*	31 MAY 0930	216	10.417	*	31 MAY 1700	291	0.000
30 MAY 1836	67	1.601	*	31 MAY 0206	142	32.894	*	31 MAY 0936	217	10.377	*	31 MAY 1706	292	0.000
30 MAY 1842	68	1.779	*	31 MAY 0212	143	31.564	*	31 MAY 0942	218	10.336	*	31 MAY 1712	293	0.000
30 MAY 1848	69	1.959	*	31 MAY 0218	144	30.552	*	31 MAY 0948	219	10.296	*	31 MAY 1718	294	0.000
30 MAY 1854	70	2.142	*	31 MAY 0224	145	29.771	*	31 MAY 0954	220	10.255	*	31 MAY 1724	295	0.000
30 MAY 1900	71	2.328	*	31 MAY 0230	146	29.103	*	31 MAY 1000	221	10.215	*	31 MAY 1730	296	0.000
30 MAY 1906	72	2.516	*	31 MAY 0236	147	28.493	*	31 MAY 1006	222	10.174	*	31 MAY 1736	297	0.000
30 MAY 1912	73	2.706	*	31 MAY 0242	148	27.908	*	31 MAY 1012	223	10.134	*	31 MAY 1742	298	0.000
30 MAY 1918	74	2.899	*	31 MAY 0248	149	27.338	*	31 MAY 1018	224	10.093	*	31 MAY 1748	299	0.000
30 MAY 1924	75	3.093	*	31 MAY 0254	150	26.771	*	31 MAY 1024	225	10.053	*	31 MAY 1754	300	0.000

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PEAK FLOW + (CFS)	TIME (HR)	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	29.90-HR
		(CFS)			
+ 634.	12.10	82.	26.	21.	21.
		(INCHES)			
		2.139	2.683	2.683	2.683
		(AC-FT)			
		41.	51.	51.	51.

CUMULATIVE AREA = 0.36 SQ MI



HYDROGRAPH AT STATION Total

DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q	*	DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q
30	MAY	1200	1	0.00	0.00	0.00	0.	*	31	MAY	0300	151	0.02	0.00	0.02	37.
30	MAY	1206	2	0.01	0.01	0.00	0.	*	31	MAY	0306	152	0.02	0.00	0.01	36.
30	MAY	1212	3	0.01	0.01	0.00	0.	*	31	MAY	0312	153	0.02	0.00	0.01	35.
30	MAY	1218	4	0.01	0.01	0.00	0.	*	31	MAY	0318	154	0.02	0.00	0.01	34.
30	MAY	1224	5	0.01	0.01	0.00	0.	*	31	MAY	0324	155	0.01	0.00	0.01	33.
30	MAY	1230	6	0.01	0.01	0.00	0.	*	31	MAY	0330	156	0.01	0.00	0.01	33.
30	MAY	1236	7	0.01	0.01	0.00	0.	*	31	MAY	0336	157	0.01	0.00	0.01	32.
30	MAY	1242	8	0.01	0.01	0.00	0.	*	31	MAY	0342	158	0.01	0.00	0.01	31.
30	MAY	1248	9	0.01	0.01	0.00	0.	*	31	MAY	0348	159	0.01	0.00	0.01	30.
30	MAY	1254	10	0.01	0.01	0.00	0.	*	31	MAY	0354	160	0.01	0.00	0.01	29.
30	MAY	1300	11	0.01	0.01	0.00	0.	*	31	MAY	0400	161	0.01	0.00	0.01	29.
30	MAY	1306	12	0.01	0.01	0.00	0.	*	31	MAY	0406	162	0.01	0.00	0.01	28.
30	MAY	1312	13	0.01	0.01	0.00	0.	*	31	MAY	0412	163	0.01	0.00	0.01	27.
30	MAY	1318	14	0.01	0.01	0.00	0.	*	31	MAY	0418	164	0.01	0.00	0.01	27.
30	MAY	1324	15	0.01	0.01	0.00	0.	*	31	MAY	0424	165	0.01	0.00	0.01	26.
30	MAY	1330	16	0.01	0.01	0.00	0.	*	31	MAY	0430	166	0.01	0.00	0.01	26.
30	MAY	1336	17	0.01	0.01	0.00	0.	*	31	MAY	0436	167	0.01	0.00	0.01	26.
30	MAY	1342	18	0.01	0.01	0.00	0.	*	31	MAY	0442	168	0.01	0.00	0.01	25.
30	MAY	1348	19	0.01	0.01	0.00	0.	*	31	MAY	0448	169	0.01	0.00	0.01	25.
30	MAY	1354	20	0.01	0.01	0.00	0.	*	31	MAY	0454	170	0.01	0.00	0.01	25.
30	MAY	1400	21	0.01	0.01	0.00	0.	*	31	MAY	0500	171	0.01	0.00	0.01	25.
30	MAY	1406	22	0.01	0.01	0.00	0.	*	31	MAY	0506	172	0.01	0.00	0.01	24.
30	MAY	1412	23	0.01	0.01	0.00	0.	*	31	MAY	0512	173	0.01	0.00	0.01	24.
30	MAY	1418	24	0.01	0.01	0.00	0.	*	31	MAY	0518	174	0.01	0.00	0.01	24.
30	MAY	1424	25	0.01	0.01	0.00	0.	*	31	MAY	0524	175	0.01	0.00	0.01	23.
30	MAY	1430	26	0.01	0.01	0.00	0.	*	31	MAY	0530	176	0.01	0.00	0.01	23.
30	MAY	1436	27	0.01	0.01	0.00	0.	*	31	MAY	0536	177	0.01	0.00	0.01	23.
30	MAY	1442	28	0.01	0.01	0.00	0.	*	31	MAY	0542	178	0.01	0.00	0.01	23.
30	MAY	1448	29	0.01	0.01	0.00	0.	*	31	MAY	0548	179	0.01	0.00	0.01	22.
30	MAY	1454	30	0.01	0.01	0.00	0.	*	31	MAY	0554	180	0.01	0.00	0.01	22.
30	MAY	1500	31	0.01	0.01	0.00	0.	*	31	MAY	0600	181	0.01	0.00	0.01	22.
30	MAY	1506	32	0.01	0.01	0.00	0.	*	31	MAY	0606	182	0.01	0.00	0.01	21.
30	MAY	1512	33	0.01	0.01	0.00	0.	*	31	MAY	0612	183	0.01	0.00	0.01	21.
30	MAY	1518	34	0.01	0.01	0.00	0.	*	31	MAY	0618	184	0.01	0.00	0.01	21.
30	MAY	1524	35	0.01	0.01	0.00	0.	*	31	MAY	0624	185	0.01	0.00	0.01	21.
30	MAY	1530	36	0.01	0.01	0.00	0.	*	31	MAY	0630	186	0.01	0.00	0.01	20.
30	MAY	1536	37	0.01	0.01	0.00	0.	*	31	MAY	0636	187	0.01	0.00	0.01	20.
30	MAY	1542	38	0.01	0.01	0.00	0.	*	31	MAY	0642	188	0.01	0.00	0.01	20.
30	MAY	1548	39	0.01	0.01	0.00	0.	*	31	MAY	0648	189	0.01	0.00	0.01	19.
30	MAY	1554	40	0.01	0.01	0.00	0.	*	31	MAY	0654	190	0.01	0.00	0.01	19.
30	MAY	1600	41	0.01	0.01	0.00	0.	*	31	MAY	0700	191	0.01	0.00	0.01	19.
30	MAY	1606	42	0.01	0.01	0.00	0.	*	31	MAY	0706	192	0.01	0.00	0.01	19.
30	MAY	1612	43	0.01	0.01	0.00	0.	*	31	MAY	0712	193	0.01	0.00	0.01	18.
30	MAY	1618	44	0.01	0.01	0.00	0.	*	31	MAY	0718	194	0.01	0.00	0.01	18.
30	MAY	1624	45	0.01	0.01	0.00	0.	*	31	MAY	0724	195	0.01	0.00	0.01	18.
30	MAY	1630	46	0.01	0.01	0.00	0.	*	31	MAY	0730	196	0.01	0.00	0.01	17.
30	MAY	1636	47	0.01	0.01	0.00	0.	*	31	MAY	0736	197	0.01	0.00	0.01	17.
30	MAY	1642	48	0.01	0.01	0.00	0.	*	31	MAY	0742	198	0.01	0.00	0.01	17.
30	MAY	1648	49	0.01	0.01	0.00	1.	*	31	MAY	0748	199	0.01	0.00	0.01	16.

30 MAY 1654	50	0.01	0.01	0.00	1.	*	31 MAY 0754	200	0.01	0.00	0.01	16.
30 MAY 1700	51	0.01	0.01	0.00	1.	*	31 MAY 0800	201	0.01	0.00	0.01	16.
30 MAY 1706	52	0.01	0.01	0.00	1.	*	31 MAY 0806	202	0.01	0.00	0.01	16.
30 MAY 1712	53	0.01	0.01	0.00	2.	*	31 MAY 0812	203	0.01	0.00	0.01	15.
30 MAY 1718	54	0.01	0.01	0.00	2.	*	31 MAY 0818	204	0.01	0.00	0.01	15.
30 MAY 1724	55	0.01	0.01	0.00	2.	*	31 MAY 0824	205	0.01	0.00	0.01	15.
30 MAY 1730	56	0.01	0.01	0.00	2.	*	31 MAY 0830	206	0.01	0.00	0.01	15.
30 MAY 1736	57	0.01	0.01	0.00	3.	*	31 MAY 0836	207	0.01	0.00	0.01	15.
30 MAY 1742	58	0.01	0.01	0.00	3.	*	31 MAY 0842	208	0.01	0.00	0.01	15.
30 MAY 1748	59	0.01	0.01	0.00	3.	*	31 MAY 0848	209	0.01	0.00	0.01	15.
30 MAY 1754	60	0.01	0.01	0.00	3.	*	31 MAY 0854	210	0.01	0.00	0.01	15.
30 MAY 1800	61	0.01	0.01	0.00	4.	*	31 MAY 0900	211	0.01	0.00	0.01	15.
30 MAY 1806	62	0.01	0.01	0.00	4.	*	31 MAY 0906	212	0.01	0.00	0.01	15.
30 MAY 1812	63	0.01	0.01	0.00	4.	*	31 MAY 0912	213	0.01	0.00	0.01	15.
30 MAY 1818	64	0.01	0.01	0.00	4.	*	31 MAY 0918	214	0.01	0.00	0.01	15.
30 MAY 1824	65	0.01	0.01	0.00	5.	*	31 MAY 0924	215	0.01	0.00	0.01	15.
30 MAY 1830	66	0.01	0.01	0.00	5.	*	31 MAY 0930	216	0.01	0.00	0.01	14.
30 MAY 1836	67	0.01	0.01	0.00	5.	*	31 MAY 0936	217	0.01	0.00	0.01	14.
30 MAY 1842	68	0.01	0.01	0.00	5.	*	31 MAY 0942	218	0.01	0.00	0.01	14.
30 MAY 1848	69	0.01	0.01	0.00	6.	*	31 MAY 0948	219	0.01	0.00	0.01	14.
30 MAY 1854	70	0.01	0.01	0.00	6.	*	31 MAY 0954	220	0.01	0.00	0.01	14.
30 MAY 1900	71	0.01	0.01	0.00	6.	*	31 MAY 1000	221	0.01	0.00	0.01	14.
30 MAY 1906	72	0.01	0.01	0.00	7.	*	31 MAY 1006	222	0.01	0.00	0.01	14.
30 MAY 1912	73	0.01	0.01	0.00	7.	*	31 MAY 1012	223	0.01	0.00	0.01	14.
30 MAY 1918	74	0.01	0.01	0.00	7.	*	31 MAY 1018	224	0.01	0.00	0.01	14.
30 MAY 1924	75	0.01	0.01	0.00	8.	*	31 MAY 1024	225	0.01	0.00	0.01	14.
30 MAY 1930	76	0.01	0.01	0.00	8.	*	31 MAY 1030	226	0.01	0.00	0.01	14.
30 MAY 1936	77	0.01	0.01	0.00	8.	*	31 MAY 1036	227	0.01	0.00	0.01	14.
30 MAY 1942	78	0.01	0.01	0.00	8.	*	31 MAY 1042	228	0.01	0.00	0.01	14.
30 MAY 1948	79	0.01	0.01	0.00	9.	*	31 MAY 1048	229	0.01	0.00	0.01	14.
30 MAY 1954	80	0.01	0.01	0.00	9.	*	31 MAY 1054	230	0.01	0.00	0.01	14.
30 MAY 2000	81	0.01	0.01	0.00	9.	*	31 MAY 1100	231	0.01	0.00	0.01	14.
30 MAY 2006	82	0.01	0.01	0.00	10.	*	31 MAY 1106	232	0.01	0.00	0.01	14.
30 MAY 2012	83	0.01	0.01	0.00	10.	*	31 MAY 1112	233	0.01	0.00	0.01	14.
30 MAY 2018	84	0.01	0.01	0.01	11.	*	31 MAY 1118	234	0.01	0.00	0.01	13.
30 MAY 2024	85	0.01	0.01	0.01	11.	*	31 MAY 1124	235	0.01	0.00	0.01	13.
30 MAY 2030	86	0.01	0.01	0.01	12.	*	31 MAY 1130	236	0.01	0.00	0.01	13.
30 MAY 2036	87	0.01	0.01	0.01	13.	*	31 MAY 1136	237	0.01	0.00	0.01	13.
30 MAY 2042	88	0.02	0.01	0.01	14.	*	31 MAY 1142	238	0.01	0.00	0.01	13.
30 MAY 2048	89	0.02	0.01	0.01	14.	*	31 MAY 1148	239	0.01	0.00	0.01	13.
30 MAY 2054	90	0.02	0.01	0.01	15.	*	31 MAY 1154	240	0.01	0.00	0.01	13.
30 MAY 2100	91	0.02	0.01	0.01	16.	*	31 MAY 1200	241	0.01	0.00	0.01	13.
30 MAY 2106	92	0.02	0.01	0.01	17.	*	31 MAY 1206	242	0.00	0.00	0.00	11.
30 MAY 2112	93	0.02	0.01	0.01	18.	*	31 MAY 1212	243	0.00	0.00	0.00	7.
30 MAY 2118	94	0.02	0.01	0.01	18.	*	31 MAY 1218	244	0.00	0.00	0.00	4.
30 MAY 2124	95	0.02	0.01	0.01	19.	*	31 MAY 1224	245	0.00	0.00	0.00	2.
30 MAY 2130	96	0.02	0.01	0.01	19.	*	31 MAY 1230	246	0.00	0.00	0.00	1.
30 MAY 2136	97	0.02	0.01	0.01	20.	*	31 MAY 1236	247	0.00	0.00	0.00	0.
30 MAY 2142	98	0.02	0.01	0.01	20.	*	31 MAY 1242	248	0.00	0.00	0.00	0.
30 MAY 2148	99	0.02	0.01	0.01	21.	*	31 MAY 1248	249	0.00	0.00	0.00	0.
30 MAY 2154	100	0.02	0.01	0.01	23.	*	31 MAY 1254	250	0.00	0.00	0.00	0.
30 MAY 2200	101	0.02	0.01	0.01	24.	*	31 MAY 1300	251	0.00	0.00	0.00	0.
30 MAY 2206	102	0.02	0.01	0.01	25.	*	31 MAY 1306	252	0.00	0.00	0.00	0.
30 MAY 2212	103	0.02	0.01	0.01	27.	*	31 MAY 1312	253	0.00	0.00	0.00	0.
30 MAY 2218	104	0.02	0.01	0.01	29.	*	31 MAY 1318	254	0.00	0.00	0.00	0.
30 MAY 2224	105	0.03	0.01	0.02	31.	*	31 MAY 1324	255	0.00	0.00	0.00	0.
30 MAY 2230	106	0.03	0.01	0.02	33.	*	31 MAY 1330	256	0.00	0.00	0.00	0.

30 MAY 2236	107	0.03	0.01	0.02	35.	*	31 MAY 1336	257	0.00	0.00	0.00	0.
30 MAY 2242	108	0.03	0.01	0.02	38.	*	31 MAY 1342	258	0.00	0.00	0.00	0.
30 MAY 2248	109	0.03	0.01	0.02	41.	*	31 MAY 1348	259	0.00	0.00	0.00	0.
30 MAY 2254	110	0.04	0.01	0.02	45.	*	31 MAY 1354	260	0.00	0.00	0.00	0.
30 MAY 2300	111	0.04	0.01	0.02	49.	*	31 MAY 1400	261	0.00	0.00	0.00	0.
30 MAY 2306	112	0.04	0.01	0.03	53.	*	31 MAY 1406	262	0.00	0.00	0.00	0.
30 MAY 2312	113	0.05	0.01	0.03	58.	*	31 MAY 1412	263	0.00	0.00	0.00	0.
30 MAY 2318	114	0.05	0.02	0.04	65.	*	31 MAY 1418	264	0.00	0.00	0.00	0.
30 MAY 2324	115	0.06	0.02	0.04	73.	*	31 MAY 1424	265	0.00	0.00	0.00	0.
30 MAY 2330	116	0.06	0.02	0.04	82.	*	31 MAY 1430	266	0.00	0.00	0.00	0.
30 MAY 2336	117	0.13	0.03	0.09	105.	*	31 MAY 1436	267	0.00	0.00	0.00	0.
30 MAY 2342	118	0.25	0.06	0.19	174.	*	31 MAY 1442	268	0.00	0.00	0.00	0.
30 MAY 2348	119	0.41	0.08	0.33	322.	*	31 MAY 1448	269	0.00	0.00	0.00	0.
30 MAY 2354	120	0.73	0.10	0.63	589.	*	31 MAY 1454	270	0.00	0.00	0.00	0.
31 MAY 0000	121	0.51	0.05	0.46	892.	*	31 MAY 1500	271	0.00	0.00	0.00	0.
31 MAY 0006	122	0.10	0.01	0.09	923.	*	31 MAY 1506	272	0.00	0.00	0.00	0.
31 MAY 0012	123	0.09	0.01	0.08	669.	*	31 MAY 1512	273	0.00	0.00	0.00	0.
31 MAY 0018	124	0.08	0.01	0.07	429.	*	31 MAY 1518	274	0.00	0.00	0.00	0.
31 MAY 0024	125	0.06	0.00	0.06	295.	*	31 MAY 1524	275	0.00	0.00	0.00	0.
31 MAY 0030	126	0.05	0.00	0.05	215.	*	31 MAY 1530	276	0.00	0.00	0.00	0.
31 MAY 0036	127	0.04	0.00	0.04	164.	*	31 MAY 1536	277	0.00	0.00	0.00	0.
31 MAY 0042	128	0.04	0.00	0.04	131.	*	31 MAY 1542	278	0.00	0.00	0.00	0.
31 MAY 0048	129	0.04	0.00	0.04	110.	*	31 MAY 1548	279	0.00	0.00	0.00	0.
31 MAY 0054	130	0.04	0.00	0.03	97.	*	31 MAY 1554	280	0.00	0.00	0.00	0.
31 MAY 0100	131	0.03	0.00	0.03	87.	*	31 MAY 1600	281	0.00	0.00	0.00	0.
31 MAY 0106	132	0.03	0.00	0.03	79.	*	31 MAY 1606	282	0.00	0.00	0.00	0.
31 MAY 0112	133	0.03	0.00	0.03	74.	*	31 MAY 1612	283	0.00	0.00	0.00	0.
31 MAY 0118	134	0.03	0.00	0.03	69.	*	31 MAY 1618	284	0.00	0.00	0.00	0.
31 MAY 0124	135	0.03	0.00	0.03	66.	*	31 MAY 1624	285	0.00	0.00	0.00	0.
31 MAY 0130	136	0.03	0.00	0.02	62.	*	31 MAY 1630	286	0.00	0.00	0.00	0.
31 MAY 0136	137	0.02	0.00	0.02	59.	*	31 MAY 1636	287	0.00	0.00	0.00	0.
31 MAY 0142	138	0.02	0.00	0.02	56.	*	31 MAY 1642	288	0.00	0.00	0.00	0.
31 MAY 0148	139	0.02	0.00	0.02	53.	*	31 MAY 1648	289	0.00	0.00	0.00	0.
31 MAY 0154	140	0.02	0.00	0.02	51.	*	31 MAY 1654	290	0.00	0.00	0.00	0.
31 MAY 0200	141	0.02	0.00	0.02	48.	*	31 MAY 1700	291	0.00	0.00	0.00	0.
31 MAY 0206	142	0.02	0.00	0.02	46.	*	31 MAY 1706	292	0.00	0.00	0.00	0.
31 MAY 0212	143	0.02	0.00	0.02	44.	*	31 MAY 1712	293	0.00	0.00	0.00	0.
31 MAY 0218	144	0.02	0.00	0.02	43.	*	31 MAY 1718	294	0.00	0.00	0.00	0.
31 MAY 0224	145	0.02	0.00	0.02	42.	*	31 MAY 1724	295	0.00	0.00	0.00	0.
31 MAY 0230	146	0.02	0.00	0.02	41.	*	31 MAY 1730	296	0.00	0.00	0.00	0.
31 MAY 0236	147	0.02	0.00	0.02	40.	*	31 MAY 1736	297	0.00	0.00	0.00	0.
31 MAY 0242	148	0.02	0.00	0.02	39.	*	31 MAY 1742	298	0.00	0.00	0.00	0.
31 MAY 0248	149	0.02	0.00	0.02	38.	*	31 MAY 1748	299	0.00	0.00	0.00	0.
31 MAY 0254	150	0.02	0.00	0.02	37.	*	31 MAY 1754	300	0.00	0.00	0.00	0.

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TOTAL RAINFALL = 5.32, TOTAL LOSS = 1.35, TOTAL EXCESS = 3.97

PEAK FLOW + (CFS)	TIME (HR)	(CFS)	MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	29.90-HR
+ 923.	12.10	(INCHES)	121.	38.	31.	31.
		(AC-FT)	3.134	3.974	3.974	3.974
			60.	76.	76.	76.

CUMULATIVE AREA = 0.36 SQ MI

HYDROGRAPH AT STATION Total  
PLAN 2, RATIO = 1.00

DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW
30	MAY	1200	1	0.000	*	30	MAY	1930	76	7.874	*	31	MAY	0300	151	36.670	*	31	MAY	1030	226	13.904
30	MAY	1206	2	0.000	*	30	MAY	1936	77	8.182	*	31	MAY	0306	152	35.873	*	31	MAY	1036	227	13.847
30	MAY	1212	3	0.000	*	30	MAY	1942	78	8.491	*	31	MAY	0312	153	35.078	*	31	MAY	1042	228	13.789
30	MAY	1218	4	0.000	*	30	MAY	1948	79	8.803	*	31	MAY	0318	154	34.279	*	31	MAY	1048	229	13.732
30	MAY	1224	5	0.000	*	30	MAY	1954	80	9.116	*	31	MAY	0324	155	33.482	*	31	MAY	1054	230	13.674
30	MAY	1230	6	0.000	*	30	MAY	2000	81	9.431	*	31	MAY	0330	156	32.682	*	31	MAY	1100	231	13.618
30	MAY	1236	7	0.000	*	30	MAY	2006	82	9.771	*	31	MAY	0336	157	31.884	*	31	MAY	1106	232	13.560
30	MAY	1242	8	0.000	*	30	MAY	2012	83	10.198	*	31	MAY	0342	158	31.081	*	31	MAY	1112	233	13.504
30	MAY	1248	9	0.000	*	30	MAY	2018	84	10.749	*	31	MAY	0348	159	30.281	*	31	MAY	1118	234	13.446
30	MAY	1254	10	0.000	*	30	MAY	2024	85	11.397	*	31	MAY	0354	160	29.478	*	31	MAY	1124	235	13.389
30	MAY	1300	11	0.000	*	30	MAY	2030	86	12.108	*	31	MAY	0400	161	28.676	*	31	MAY	1130	236	13.331
30	MAY	1306	12	0.000	*	30	MAY	2036	87	12.864	*	31	MAY	0406	162	27.899	*	31	MAY	1136	237	13.274
30	MAY	1312	13	0.000	*	30	MAY	2042	88	13.655	*	31	MAY	0412	163	27.239	*	31	MAY	1142	238	13.216
30	MAY	1318	14	0.000	*	30	MAY	2048	89	14.477	*	31	MAY	0418	164	26.738	*	31	MAY	1148	239	13.159
30	MAY	1324	15	0.000	*	30	MAY	2054	90	15.327	*	31	MAY	0424	165	26.348	*	31	MAY	1154	240	13.101
30	MAY	1330	16	0.000	*	30	MAY	2100	91	16.206	*	31	MAY	0430	166	26.010	*	31	MAY	1200	241	13.044
30	MAY	1336	17	0.000	*	30	MAY	2106	92	17.075	*	31	MAY	0436	167	25.701	*	31	MAY	1206	242	11.438
30	MAY	1342	18	0.000	*	30	MAY	2112	93	17.838	*	31	MAY	0442	168	25.404	*	31	MAY	1212	243	7.283
30	MAY	1348	19	0.000	*	30	MAY	2118	94	18.438	*	31	MAY	0448	169	25.114	*	31	MAY	1218	244	3.636
30	MAY	1354	20	0.000	*	30	MAY	2124	95	18.918	*	31	MAY	0454	170	24.826	*	31	MAY	1224	245	1.794
30	MAY	1400	21	0.000	*	30	MAY	2130	96	19.331	*	31	MAY	0500	171	24.541	*	31	MAY	1230	246	0.872
30	MAY	1406	22	0.000	*	30	MAY	2136	97	19.769	*	31	MAY	0506	172	24.255	*	31	MAY	1236	247	0.423
30	MAY	1412	23	0.000	*	30	MAY	2142	98	20.414	*	31	MAY	0512	173	23.971	*	31	MAY	1242	248	0.202
30	MAY	1418	24	0.000	*	30	MAY	2148	99	21.368	*	31	MAY	0518	174	23.684	*	31	MAY	1248	249	0.092
30	MAY	1424	25	0.000	*	30	MAY	2154	100	22.559	*	31	MAY	0524	175	23.399	*	31	MAY	1254	250	0.038
30	MAY	1430	26	0.000	*	30	MAY	2200	101	23.889	*	31	MAY	0530	176	23.112	*	31	MAY	1300	251	0.009
30	MAY	1436	27	0.000	*	30	MAY	2206	102	25.343	*	31	MAY	0536	177	22.826	*	31	MAY	1306	252	0.000
30	MAY	1442	28	0.000	*	30	MAY	2212	103	26.986	*	31	MAY	0542	178	22.539	*	31	MAY	1312	253	0.000
30	MAY	1448	29	0.000	*	30	MAY	2218	104	28.858	*	31	MAY	0548	179	22.253	*	31	MAY	1318	254	0.000
30	MAY	1454	30	0.000	*	30	MAY	2224	105	30.911	*	31	MAY	0554	180	21.966	*	31	MAY	1324	255	0.000
30	MAY	1500	31	0.000	*	30	MAY	2230	106	33.088	*	31	MAY	0600	181	21.680	*	31	MAY	1330	256	0.000
30	MAY	1506	32	0.000	*	30	MAY	2236	107	35.433	*	31	MAY	0606	182	21.392	*	31	MAY	1336	257	0.000
30	MAY	1512	33	0.000	*	30	MAY	2242	108	38.127	*	31	MAY	0612	183	21.105	*	31	MAY	1342	258	0.000
30	MAY	1518	34	0.000	*	30	MAY	2248	109	41.277	*	31	MAY	0618	184	20.817	*	31	MAY	1348	259	0.000
30	MAY	1524	35	0.000	*	30	MAY	2254	110	44.788	*	31	MAY	0624	185	20.530	*	31	MAY	1354	260	0.000
30	MAY	1530	36	0.000	*	30	MAY	2300	111	48.542	*	31	MAY	0630	186	20.241	*	31	MAY	1400	261	0.000
30	MAY	1536	37	0.000	*	30	MAY	2306	112	52.754	*	31	MAY	0636	187	19.954	*	31	MAY	1406	262	0.000
30	MAY	1542	38	0.000	*	30	MAY	2312	113	58.147	*	31	MAY	0642	188	19.665	*	31	MAY	1412	263	0.000
30	MAY	1548	39	0.000	*	30	MAY	2318	114	65.139	*	31	MAY	0648	189	19.377	*	31	MAY	1418	264	0.000
30	MAY	1554	40	0.000	*	30	MAY	2324	115	73.384	*	31	MAY	0654	190	19.088	*	31	MAY	1424	265	0.000
30	MAY	1600	41	0.000	*	30	MAY	2330	116	82.438	*	31	MAY	0700	191	18.800	*	31	MAY	1430	266	0.000
30	MAY	1606	42	0.000	*	30	MAY	2336	117	104.519	*	31	MAY	0706	192	18.511	*	31	MAY	1436	267	0.000
30	MAY	1612	43	0.000	*	30	MAY	2342	118	174.452	*	31	MAY	0712	193	18.223	*	31	MAY	1442	268	0.000
30	MAY	1618	44	0.006	*	30	MAY	2348	119	321.740	*	31	MAY	0718	194	17.933	*	31	MAY	1448	269	0.000
30	MAY	1624	45	0.045	*	30	MAY	2354	120	588.838	*	31	MAY	0724	195	17.645	*	31	MAY	1454	270	0.000



30 MAY 1630	46	0.147	*	31 MAY 0000	121	892.001	*	31 MAY 0730	196	17.355	*	31 MAY 1500	271	0.000
30 MAY 1636	47	0.301	*	31 MAY 0006	122	922.659	*	31 MAY 0736	197	17.066	*	31 MAY 1506	272	0.000
30 MAY 1642	48	0.485	*	31 MAY 0012	123	668.862	*	31 MAY 0742	198	16.776	*	31 MAY 1512	273	0.000
30 MAY 1648	49	0.686	*	31 MAY 0018	124	429.308	*	31 MAY 0748	199	16.487	*	31 MAY 1518	274	0.000
30 MAY 1654	50	0.898	*	31 MAY 0024	125	294.979	*	31 MAY 0754	200	16.196	*	31 MAY 1524	275	0.000
30 MAY 1700	51	1.118	*	31 MAY 0030	126	215.071	*	31 MAY 0800	201	15.907	*	31 MAY 1530	276	0.000
30 MAY 1706	52	1.344	*	31 MAY 0036	127	164.279	*	31 MAY 0806	202	15.630	*	31 MAY 1536	277	0.000
30 MAY 1712	53	1.575	*	31 MAY 0042	128	131.149	*	31 MAY 0812	203	15.406	*	31 MAY 1542	278	0.000
30 MAY 1718	54	1.810	*	31 MAY 0048	129	110.379	*	31 MAY 0818	204	15.251	*	31 MAY 1548	279	0.000
30 MAY 1724	55	2.050	*	31 MAY 0054	130	96.688	*	31 MAY 0824	205	15.146	*	31 MAY 1554	280	0.000
30 MAY 1730	56	2.293	*	31 MAY 0100	131	86.733	*	31 MAY 0830	206	15.064	*	31 MAY 1600	281	0.000
30 MAY 1736	57	2.541	*	31 MAY 0106	132	79.484	*	31 MAY 0836	207	14.997	*	31 MAY 1606	282	0.000
30 MAY 1742	58	2.793	*	31 MAY 0112	133	73.912	*	31 MAY 0842	208	14.933	*	31 MAY 1612	283	0.000
30 MAY 1748	59	3.048	*	31 MAY 0118	134	69.398	*	31 MAY 0848	209	14.875	*	31 MAY 1618	284	0.000
30 MAY 1754	60	3.307	*	31 MAY 0124	135	65.579	*	31 MAY 0854	210	14.816	*	31 MAY 1624	285	0.000
30 MAY 1800	61	3.569	*	31 MAY 0130	136	62.105	*	31 MAY 0900	211	14.759	*	31 MAY 1630	286	0.000
30 MAY 1806	62	3.836	*	31 MAY 0136	137	58.852	*	31 MAY 0906	212	14.702	*	31 MAY 1636	287	0.000
30 MAY 1812	63	4.105	*	31 MAY 0142	138	55.870	*	31 MAY 0912	213	14.645	*	31 MAY 1642	288	0.000
30 MAY 1818	64	4.378	*	31 MAY 0148	139	53.193	*	31 MAY 0918	214	14.588	*	31 MAY 1648	289	0.000
30 MAY 1824	65	4.654	*	31 MAY 0154	140	50.722	*	31 MAY 0924	215	14.532	*	31 MAY 1654	290	0.000
30 MAY 1830	66	4.933	*	31 MAY 0200	141	48.352	*	31 MAY 0930	216	14.474	*	31 MAY 1700	291	0.000
30 MAY 1836	67	5.215	*	31 MAY 0206	142	46.127	*	31 MAY 0936	217	14.418	*	31 MAY 1706	292	0.000
30 MAY 1842	68	5.500	*	31 MAY 0212	143	44.250	*	31 MAY 0942	218	14.360	*	31 MAY 1712	293	0.000
30 MAY 1848	69	5.788	*	31 MAY 0218	144	42.819	*	31 MAY 0948	219	14.304	*	31 MAY 1718	294	0.000
30 MAY 1854	70	6.078	*	31 MAY 0224	145	41.713	*	31 MAY 0954	220	14.246	*	31 MAY 1724	295	0.000
30 MAY 1900	71	6.371	*	31 MAY 0230	146	40.767	*	31 MAY 1000	221	14.190	*	31 MAY 1730	296	0.000
30 MAY 1906	72	6.667	*	31 MAY 0236	147	39.903	*	31 MAY 1006	222	14.132	*	31 MAY 1736	297	0.000
30 MAY 1912	73	6.966	*	31 MAY 0242	148	39.075	*	31 MAY 1012	223	14.076	*	31 MAY 1742	298	0.000
30 MAY 1918	74	7.266	*	31 MAY 0248	149	38.267	*	31 MAY 1018	224	14.018	*	31 MAY 1748	299	0.000
30 MAY 1924	75	7.569	*	31 MAY 0254	150	37.465	*	31 MAY 1024	225	13.961	*	31 MAY 1754	300	0.000

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PEAK FLOW + (CFS)	TIME (HR)	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	29.90-HR
+ 923.	12.10	121.	38.	31.	31.
	(INCHES)	3.134	3.974	3.974	3.974
	(AC-FT)	60.	76.	76.	76.
CUMULATIVE AREA =		0.36 SQ MI			

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40 KP PLAN 3 FOR STATION Total  
 SUBBASIN RUNOFF DATA  
 35 BA SUBBASIN CHARACTERISTICS  
 TAREA 0.36 SUBBASIN AREA  
 PRECIPITATION DATA  
 41 PB STORM 6.26 BASIN TOTAL PRECIPITATION

10 PI

INCREMENTAL PRECIPITATION PATTERN

0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01
0.01	0.01	0.01	0.01	0.01	0.02	0.05	0.08	0.14	0.10	0.10
0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

36 LS

SCS LOSS RATE

STRTL 0.27 INITIAL ABSTRACTION  
 CRVNBR 88.00 CURVE NUMBER  
 RTIMP 0.00 PERCENT IMPERVIOUS AREA

37 UD

SCS DIMENSIONLESS UNITGRAPH  
 TLAG 0.18 LAG

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WARNING \*\*\* TIME INTERVAL IS GREATER THAN .29\*LAG

UNIT HYDROGRAPH  
 11 END-OF-PERIOD ORDINATES

277. 736. 649. 328. 164. 80. 39. 20. 10. 5.  
 2.

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HYDROGRAPH AT STATION Total

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DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q	*	DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q
30	MAY	1200	1	0.00	0.00	0.00	0.	*	31	MAY	0300	151	0.02	0.00	0.02	44.
30	MAY	1206	2	0.01	0.01	0.00	0.	*	31	MAY	0306	152	0.02	0.00	0.02	43.
30	MAY	1212	3	0.01	0.01	0.00	0.	*	31	MAY	0312	153	0.02	0.00	0.02	42.
30	MAY	1218	4	0.01	0.01	0.00	0.	*	31	MAY	0318	154	0.02	0.00	0.02	41.
30	MAY	1224	5	0.01	0.01	0.00	0.	*	31	MAY	0324	155	0.02	0.00	0.02	40.

30 MAY 1230	6	0.01	0.01	0.00	0.	*	31 MAY 0330	156	0.02	0.00	0.02	39.
30 MAY 1236	7	0.01	0.01	0.00	0.	*	31 MAY 0336	157	0.02	0.00	0.02	38.
30 MAY 1242	8	0.01	0.01	0.00	0.	*	31 MAY 0342	158	0.02	0.00	0.02	37.
30 MAY 1248	9	0.01	0.01	0.00	0.	*	31 MAY 0348	159	0.02	0.00	0.01	36.
30 MAY 1254	10	0.01	0.01	0.00	0.	*	31 MAY 0354	160	0.02	0.00	0.01	35.
30 MAY 1300	11	0.01	0.01	0.00	0.	*	31 MAY 0400	161	0.01	0.00	0.01	34.
30 MAY 1306	12	0.01	0.01	0.00	0.	*	31 MAY 0406	162	0.01	0.00	0.01	33.
30 MAY 1312	13	0.01	0.01	0.00	0.	*	31 MAY 0412	163	0.01	0.00	0.01	32.
30 MAY 1318	14	0.01	0.01	0.00	0.	*	31 MAY 0418	164	0.01	0.00	0.01	32.
30 MAY 1324	15	0.01	0.01	0.00	0.	*	31 MAY 0424	165	0.01	0.00	0.01	31.
30 MAY 1330	16	0.01	0.01	0.00	0.	*	31 MAY 0430	166	0.01	0.00	0.01	31.
30 MAY 1336	17	0.01	0.01	0.00	0.	*	31 MAY 0436	167	0.01	0.00	0.01	31.
30 MAY 1342	18	0.01	0.01	0.00	0.	*	31 MAY 0442	168	0.01	0.00	0.01	30.
30 MAY 1348	19	0.01	0.01	0.00	0.	*	31 MAY 0448	169	0.01	0.00	0.01	30.
30 MAY 1354	20	0.01	0.01	0.00	0.	*	31 MAY 0454	170	0.01	0.00	0.01	30.
30 MAY 1400	21	0.01	0.01	0.00	0.	*	31 MAY 0500	171	0.01	0.00	0.01	29.
30 MAY 1406	22	0.01	0.01	0.00	0.	*	31 MAY 0506	172	0.01	0.00	0.01	29.
30 MAY 1412	23	0.01	0.01	0.00	0.	*	31 MAY 0512	173	0.01	0.00	0.01	29.
30 MAY 1418	24	0.01	0.01	0.00	0.	*	31 MAY 0518	174	0.01	0.00	0.01	28.
30 MAY 1424	25	0.01	0.01	0.00	0.	*	31 MAY 0524	175	0.01	0.00	0.01	28.
30 MAY 1430	26	0.01	0.01	0.00	0.	*	31 MAY 0530	176	0.01	0.00	0.01	28.
30 MAY 1436	27	0.01	0.01	0.00	0.	*	31 MAY 0536	177	0.01	0.00	0.01	27.
30 MAY 1442	28	0.01	0.01	0.00	0.	*	31 MAY 0542	178	0.01	0.00	0.01	27.
30 MAY 1448	29	0.01	0.01	0.00	0.	*	31 MAY 0548	179	0.01	0.00	0.01	27.
30 MAY 1454	30	0.01	0.01	0.00	0.	*	31 MAY 0554	180	0.01	0.00	0.01	26.
30 MAY 1500	31	0.01	0.01	0.00	0.	*	31 MAY 0600	181	0.01	0.00	0.01	26.
30 MAY 1506	32	0.01	0.01	0.00	0.	*	31 MAY 0606	182	0.01	0.00	0.01	25.
30 MAY 1512	33	0.01	0.01	0.00	0.	*	31 MAY 0612	183	0.01	0.00	0.01	25.
30 MAY 1518	34	0.01	0.01	0.00	0.	*	31 MAY 0618	184	0.01	0.00	0.01	25.
30 MAY 1524	35	0.01	0.01	0.00	0.	*	31 MAY 0624	185	0.01	0.00	0.01	24.
30 MAY 1530	36	0.01	0.01	0.00	0.	*	31 MAY 0630	186	0.01	0.00	0.01	24.
30 MAY 1536	37	0.01	0.01	0.00	0.	*	31 MAY 0636	187	0.01	0.00	0.01	24.
30 MAY 1542	38	0.01	0.01	0.00	0.	*	31 MAY 0642	188	0.01	0.00	0.01	23.
30 MAY 1548	39	0.01	0.01	0.00	0.	*	31 MAY 0648	189	0.01	0.00	0.01	23.
30 MAY 1554	40	0.01	0.01	0.00	0.	*	31 MAY 0654	190	0.01	0.00	0.01	23.
30 MAY 1600	41	0.01	0.01	0.00	0.	*	31 MAY 0700	191	0.01	0.00	0.01	22.
30 MAY 1606	42	0.01	0.01	0.00	0.	*	31 MAY 0706	192	0.01	0.00	0.01	22.
30 MAY 1612	43	0.01	0.01	0.00	1.	*	31 MAY 0712	193	0.01	0.00	0.01	22.
30 MAY 1618	44	0.01	0.01	0.00	1.	*	31 MAY 0718	194	0.01	0.00	0.01	21.
30 MAY 1624	45	0.01	0.01	0.00	1.	*	31 MAY 0724	195	0.01	0.00	0.01	21.
30 MAY 1630	46	0.01	0.01	0.00	1.	*	31 MAY 0730	196	0.01	0.00	0.01	21.
30 MAY 1636	47	0.01	0.01	0.00	2.	*	31 MAY 0736	197	0.01	0.00	0.01	20.
30 MAY 1642	48	0.01	0.01	0.00	2.	*	31 MAY 0742	198	0.01	0.00	0.01	20.
30 MAY 1648	49	0.01	0.01	0.00	2.	*	31 MAY 0748	199	0.01	0.00	0.01	20.
30 MAY 1654	50	0.01	0.01	0.00	3.	*	31 MAY 0754	200	0.01	0.00	0.01	19.
30 MAY 1700	51	0.01	0.01	0.00	3.	*	31 MAY 0800	201	0.01	0.00	0.01	19.
30 MAY 1706	52	0.01	0.01	0.00	3.	*	31 MAY 0806	202	0.01	0.00	0.01	19.
30 MAY 1712	53	0.01	0.01	0.00	3.	*	31 MAY 0812	203	0.01	0.00	0.01	18.
30 MAY 1718	54	0.01	0.01	0.00	4.	*	31 MAY 0818	204	0.01	0.00	0.01	18.
30 MAY 1724	55	0.01	0.01	0.00	4.	*	31 MAY 0824	205	0.01	0.00	0.01	18.
30 MAY 1730	56	0.01	0.01	0.00	4.	*	31 MAY 0830	206	0.01	0.00	0.01	18.
30 MAY 1736	57	0.01	0.01	0.00	5.	*	31 MAY 0836	207	0.01	0.00	0.01	18.
30 MAY 1742	58	0.01	0.01	0.00	5.	*	31 MAY 0842	208	0.01	0.00	0.01	18.
30 MAY 1748	59	0.01	0.01	0.00	5.	*	31 MAY 0848	209	0.01	0.00	0.01	18.
30 MAY 1754	60	0.01	0.01	0.00	6.	*	31 MAY 0854	210	0.01	0.00	0.01	18.
30 MAY 1800	61	0.01	0.01	0.00	6.	*	31 MAY 0900	211	0.01	0.00	0.01	18.
30 MAY 1806	62	0.01	0.01	0.00	6.	*	31 MAY 0906	212	0.01	0.00	0.01	18.

30 MAY 1812	63	0.01	0.01	0.00	7.	*	31 MAY 0912	213	0.01	0.00	0.01	17.
30 MAY 1818	64	0.01	0.01	0.00	7.	*	31 MAY 0918	214	0.01	0.00	0.01	17.
30 MAY 1824	65	0.01	0.01	0.00	7.	*	31 MAY 0924	215	0.01	0.00	0.01	17.
30 MAY 1830	66	0.01	0.01	0.00	8.	*	31 MAY 0930	216	0.01	0.00	0.01	17.
30 MAY 1836	67	0.01	0.01	0.00	8.	*	31 MAY 0936	217	0.01	0.00	0.01	17.
30 MAY 1842	68	0.01	0.01	0.00	9.	*	31 MAY 0942	218	0.01	0.00	0.01	17.
30 MAY 1848	69	0.01	0.01	0.00	9.	*	31 MAY 0948	219	0.01	0.00	0.01	17.
30 MAY 1854	70	0.01	0.01	0.00	9.	*	31 MAY 0954	220	0.01	0.00	0.01	17.
30 MAY 1900	71	0.01	0.01	0.00	10.	*	31 MAY 1000	221	0.01	0.00	0.01	17.
30 MAY 1906	72	0.01	0.01	0.00	10.	*	31 MAY 1006	222	0.01	0.00	0.01	17.
30 MAY 1912	73	0.01	0.01	0.00	10.	*	31 MAY 1012	223	0.01	0.00	0.01	17.
30 MAY 1918	74	0.01	0.01	0.00	11.	*	31 MAY 1018	224	0.01	0.00	0.01	17.
30 MAY 1924	75	0.01	0.01	0.01	11.	*	31 MAY 1024	225	0.01	0.00	0.01	17.
30 MAY 1930	76	0.01	0.01	0.01	11.	*	31 MAY 1030	226	0.01	0.00	0.01	17.
30 MAY 1936	77	0.01	0.01	0.01	12.	*	31 MAY 1036	227	0.01	0.00	0.01	16.
30 MAY 1942	78	0.01	0.01	0.01	12.	*	31 MAY 1042	228	0.01	0.00	0.01	16.
30 MAY 1948	79	0.01	0.01	0.01	13.	*	31 MAY 1048	229	0.01	0.00	0.01	16.
30 MAY 1954	80	0.01	0.01	0.01	13.	*	31 MAY 1054	230	0.01	0.00	0.01	16.
30 MAY 2000	81	0.01	0.01	0.01	13.	*	31 MAY 1100	231	0.01	0.00	0.01	16.
30 MAY 2006	82	0.01	0.01	0.01	14.	*	31 MAY 1106	232	0.01	0.00	0.01	16.
30 MAY 2012	83	0.01	0.01	0.01	14.	*	31 MAY 1112	233	0.01	0.00	0.01	16.
30 MAY 2018	84	0.02	0.01	0.01	15.	*	31 MAY 1118	234	0.01	0.00	0.01	16.
30 MAY 2024	85	0.02	0.01	0.01	16.	*	31 MAY 1124	235	0.01	0.00	0.01	16.
30 MAY 2030	86	0.02	0.01	0.01	17.	*	31 MAY 1130	236	0.01	0.00	0.01	16.
30 MAY 2036	87	0.02	0.01	0.01	18.	*	31 MAY 1136	237	0.01	0.00	0.01	16.
30 MAY 2042	88	0.02	0.01	0.01	19.	*	31 MAY 1142	238	0.01	0.00	0.01	16.
30 MAY 2048	89	0.02	0.01	0.01	20.	*	31 MAY 1148	239	0.01	0.00	0.01	16.
30 MAY 2054	90	0.02	0.01	0.01	21.	*	31 MAY 1154	240	0.01	0.00	0.01	16.
30 MAY 2100	91	0.02	0.01	0.01	22.	*	31 MAY 1200	241	0.01	0.00	0.01	16.
30 MAY 2106	92	0.02	0.01	0.01	23.	*	31 MAY 1206	242	0.00	0.00	0.00	14.
30 MAY 2112	93	0.02	0.01	0.01	24.	*	31 MAY 1212	243	0.00	0.00	0.00	9.
30 MAY 2118	94	0.02	0.01	0.01	25.	*	31 MAY 1218	244	0.00	0.00	0.00	4.
30 MAY 2124	95	0.02	0.01	0.01	25.	*	31 MAY 1224	245	0.00	0.00	0.00	2.
30 MAY 2130	96	0.02	0.01	0.01	26.	*	31 MAY 1230	246	0.00	0.00	0.00	1.
30 MAY 2136	97	0.02	0.01	0.01	26.	*	31 MAY 1236	247	0.00	0.00	0.00	1.
30 MAY 2142	98	0.02	0.01	0.01	27.	*	31 MAY 1242	248	0.00	0.00	0.00	0.
30 MAY 2148	99	0.02	0.01	0.01	28.	*	31 MAY 1248	249	0.00	0.00	0.00	0.
30 MAY 2154	100	0.02	0.01	0.01	30.	*	31 MAY 1254	250	0.00	0.00	0.00	0.
30 MAY 2200	101	0.02	0.01	0.02	32.	*	31 MAY 1300	251	0.00	0.00	0.00	0.
30 MAY 2206	102	0.03	0.01	0.02	33.	*	31 MAY 1306	252	0.00	0.00	0.00	0.
30 MAY 2212	103	0.03	0.01	0.02	35.	*	31 MAY 1312	253	0.00	0.00	0.00	0.
30 MAY 2218	104	0.03	0.01	0.02	38.	*	31 MAY 1318	254	0.00	0.00	0.00	0.
30 MAY 2224	105	0.03	0.01	0.02	40.	*	31 MAY 1324	255	0.00	0.00	0.00	0.
30 MAY 2230	106	0.03	0.01	0.02	43.	*	31 MAY 1330	256	0.00	0.00	0.00	0.
30 MAY 2236	107	0.03	0.01	0.02	46.	*	31 MAY 1336	257	0.00	0.00	0.00	0.
30 MAY 2242	108	0.04	0.01	0.02	49.	*	31 MAY 1342	258	0.00	0.00	0.00	0.
30 MAY 2248	109	0.04	0.01	0.03	53.	*	31 MAY 1348	259	0.00	0.00	0.00	0.
30 MAY 2254	110	0.04	0.01	0.03	58.	*	31 MAY 1354	260	0.00	0.00	0.00	0.
30 MAY 2300	111	0.04	0.01	0.03	62.	*	31 MAY 1400	261	0.00	0.00	0.00	0.
30 MAY 2306	112	0.05	0.01	0.03	68.	*	31 MAY 1406	262	0.00	0.00	0.00	0.
30 MAY 2312	113	0.05	0.01	0.04	74.	*	31 MAY 1412	263	0.00	0.00	0.00	0.
30 MAY 2318	114	0.06	0.02	0.04	83.	*	31 MAY 1418	264	0.00	0.00	0.00	0.
30 MAY 2324	115	0.07	0.02	0.05	93.	*	31 MAY 1424	265	0.00	0.00	0.00	0.
30 MAY 2330	116	0.07	0.02	0.06	104.	*	31 MAY 1430	266	0.00	0.00	0.00	0.
30 MAY 2336	117	0.15	0.03	0.12	132.	*	31 MAY 1436	267	0.00	0.00	0.00	0.
30 MAY 2342	118	0.30	0.06	0.24	218.	*	31 MAY 1442	268	0.00	0.00	0.00	0.
30 MAY 2348	119	0.48	0.07	0.41	400.	*	31 MAY 1448	269	0.00	0.00	0.00	0.

30 MAY 2354	120	0.86	0.09	0.77	724.	*	31 MAY 1454	270	0.00	0.00	0.00	0.
31 MAY 0000	121	0.60	0.05	0.55	1088.	*	31 MAY 1500	271	0.00	0.00	0.00	0.
31 MAY 0006	122	0.12	0.01	0.11	1120.	*	31 MAY 1506	272	0.00	0.00	0.00	0.
31 MAY 0012	123	0.10	0.01	0.10	810.	*	31 MAY 1512	273	0.00	0.00	0.00	0.
31 MAY 0018	124	0.09	0.01	0.08	519.	*	31 MAY 1518	274	0.00	0.00	0.00	0.
31 MAY 0024	125	0.08	0.00	0.07	356.	*	31 MAY 1524	275	0.00	0.00	0.00	0.
31 MAY 0030	126	0.06	0.00	0.06	259.	*	31 MAY 1530	276	0.00	0.00	0.00	0.
31 MAY 0036	127	0.05	0.00	0.05	197.	*	31 MAY 1536	277	0.00	0.00	0.00	0.
31 MAY 0042	128	0.05	0.00	0.05	157.	*	31 MAY 1542	278	0.00	0.00	0.00	0.
31 MAY 0048	129	0.05	0.00	0.04	132.	*	31 MAY 1548	279	0.00	0.00	0.00	0.
31 MAY 0054	130	0.04	0.00	0.04	116.	*	31 MAY 1554	280	0.00	0.00	0.00	0.
31 MAY 0100	131	0.04	0.00	0.04	104.	*	31 MAY 1600	281	0.00	0.00	0.00	0.
31 MAY 0106	132	0.04	0.00	0.04	95.	*	31 MAY 1606	282	0.00	0.00	0.00	0.
31 MAY 0112	133	0.04	0.00	0.03	88.	*	31 MAY 1612	283	0.00	0.00	0.00	0.
31 MAY 0118	134	0.03	0.00	0.03	83.	*	31 MAY 1618	284	0.00	0.00	0.00	0.
31 MAY 0124	135	0.03	0.00	0.03	78.	*	31 MAY 1624	285	0.00	0.00	0.00	0.
31 MAY 0130	136	0.03	0.00	0.03	74.	*	31 MAY 1630	286	0.00	0.00	0.00	0.
31 MAY 0136	137	0.03	0.00	0.03	70.	*	31 MAY 1636	287	0.00	0.00	0.00	0.
31 MAY 0142	138	0.03	0.00	0.03	67.	*	31 MAY 1642	288	0.00	0.00	0.00	0.
31 MAY 0148	139	0.03	0.00	0.03	64.	*	31 MAY 1648	289	0.00	0.00	0.00	0.
31 MAY 0154	140	0.03	0.00	0.02	61.	*	31 MAY 1654	290	0.00	0.00	0.00	0.
31 MAY 0200	141	0.02	0.00	0.02	58.	*	31 MAY 1700	291	0.00	0.00	0.00	0.
31 MAY 0206	142	0.02	0.00	0.02	55.	*	31 MAY 1706	292	0.00	0.00	0.00	0.
31 MAY 0212	143	0.02	0.00	0.02	53.	*	31 MAY 1712	293	0.00	0.00	0.00	0.
31 MAY 0218	144	0.02	0.00	0.02	51.	*	31 MAY 1718	294	0.00	0.00	0.00	0.
31 MAY 0224	145	0.02	0.00	0.02	50.	*	31 MAY 1724	295	0.00	0.00	0.00	0.
31 MAY 0230	146	0.02	0.00	0.02	49.	*	31 MAY 1730	296	0.00	0.00	0.00	0.
31 MAY 0236	147	0.02	0.00	0.02	48.	*	31 MAY 1736	297	0.00	0.00	0.00	0.
31 MAY 0242	148	0.02	0.00	0.02	47.	*	31 MAY 1742	298	0.00	0.00	0.00	0.
31 MAY 0248	149	0.02	0.00	0.02	46.	*	31 MAY 1748	299	0.00	0.00	0.00	0.
31 MAY 0254	150	0.02	0.00	0.02	45.	*	31 MAY 1754	300	0.00	0.00	0.00	0.

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TOTAL RAINFALL = 6.26, TOTAL LOSS = 1.38, TOTAL EXCESS = 4.88

PEAK FLOW (CFS)	TIME (HR)	MAXIMUM AVERAGE FLOW				
		6-HR	24-HR	72-HR	29.90-HR	
1120.	12.10	147.	47.	38.	38.	
		(INCHES)	3.821	4.877	4.877	4.877
		(AC-FT)	73.	93.	93.	93.

CUMULATIVE AREA = 0.36 SQ MI

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HYDROGRAPH AT STATION Total  
PLAN 3, RATIO = 1.00

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DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*						
30	MAY	1200	1	0.000	*	30	MAY	1930	76	11.489	*	31	MAY	0300	151	43.787	*	31	MAY	1030	226	16.552	*

30 MAY 1206	2	0.000	*	30 MAY 1936	77	11.869	*	31 MAY 0306	152	42.831	*	31 MAY 1036	227	16.484
30 MAY 1212	3	0.000	*	30 MAY 1942	78	12.251	*	31 MAY 0312	153	41.879	*	31 MAY 1042	228	16.415
30 MAY 1218	4	0.000	*	30 MAY 1948	79	12.635	*	31 MAY 0318	154	40.922	*	31 MAY 1048	229	16.347
30 MAY 1224	5	0.000	*	30 MAY 1954	80	13.020	*	31 MAY 0324	155	39.968	*	31 MAY 1054	230	16.278
30 MAY 1230	6	0.000	*	30 MAY 2000	81	13.407	*	31 MAY 0330	156	39.010	*	31 MAY 1100	231	16.210
30 MAY 1236	7	0.000	*	30 MAY 2006	82	13.828	*	31 MAY 0336	157	38.054	*	31 MAY 1106	232	16.141
30 MAY 1242	8	0.000	*	30 MAY 2012	83	14.368	*	31 MAY 0342	158	37.094	*	31 MAY 1112	233	16.073
30 MAY 1248	9	0.000	*	30 MAY 2018	84	15.080	*	31 MAY 0348	159	36.137	*	31 MAY 1118	234	16.004
30 MAY 1254	10	0.000	*	30 MAY 2024	85	15.923	*	31 MAY 0354	160	35.175	*	31 MAY 1124	235	15.936
30 MAY 1300	11	0.000	*	30 MAY 2030	86	16.847	*	31 MAY 0400	161	34.217	*	31 MAY 1130	236	15.866
30 MAY 1306	12	0.000	*	30 MAY 2036	87	17.826	*	31 MAY 0406	162	33.287	*	31 MAY 1136	237	15.799
30 MAY 1312	13	0.000	*	30 MAY 2042	88	18.848	*	31 MAY 0412	163	32.498	*	31 MAY 1142	238	15.729
30 MAY 1318	14	0.000	*	30 MAY 2048	89	19.905	*	31 MAY 0418	164	31.899	*	31 MAY 1148	239	15.661
30 MAY 1324	15	0.000	*	30 MAY 2054	90	20.994	*	31 MAY 0424	165	31.431	*	31 MAY 1154	240	15.592
30 MAY 1330	16	0.000	*	30 MAY 2100	91	22.114	*	31 MAY 0430	166	31.027	*	31 MAY 1200	241	15.524
30 MAY 1336	17	0.000	*	30 MAY 2106	92	23.215	*	31 MAY 0436	167	30.657	*	31 MAY 1206	242	13.613
30 MAY 1342	18	0.000	*	30 MAY 2112	93	24.167	*	31 MAY 0442	168	30.301	*	31 MAY 1212	243	8.667
30 MAY 1348	19	0.000	*	30 MAY 2118	94	24.896	*	31 MAY 0448	169	29.954	*	31 MAY 1218	244	4.327
30 MAY 1354	20	0.000	*	30 MAY 2124	95	25.459	*	31 MAY 0454	170	29.609	*	31 MAY 1224	245	2.135
30 MAY 1400	21	0.000	*	30 MAY 2130	96	25.933	*	31 MAY 0500	171	29.267	*	31 MAY 1230	246	1.038
30 MAY 1406	22	0.000	*	30 MAY 2136	97	26.440	*	31 MAY 0506	172	28.925	*	31 MAY 1236	247	0.503
30 MAY 1412	23	0.000	*	30 MAY 2142	98	27.221	*	31 MAY 0512	173	28.583	*	31 MAY 1242	248	0.241
30 MAY 1418	24	0.000	*	30 MAY 2148	99	28.409	*	31 MAY 0518	174	28.240	*	31 MAY 1248	249	0.110
30 MAY 1424	25	0.000	*	30 MAY 2154	100	29.906	*	31 MAY 0524	175	27.899	*	31 MAY 1254	250	0.045
30 MAY 1430	26	0.000	*	30 MAY 2200	101	31.579	*	31 MAY 0530	176	27.556	*	31 MAY 1300	251	0.011
30 MAY 1436	27	0.000	*	30 MAY 2206	102	33.407	*	31 MAY 0536	177	27.215	*	31 MAY 1306	252	0.000
30 MAY 1442	28	0.000	*	30 MAY 2212	103	35.473	*	31 MAY 0542	178	26.871	*	31 MAY 1312	253	0.000
30 MAY 1448	29	0.000	*	30 MAY 2218	104	37.826	*	31 MAY 0548	179	26.529	*	31 MAY 1318	254	0.000
30 MAY 1454	30	0.000	*	30 MAY 2224	105	40.403	*	31 MAY 0554	180	26.185	*	31 MAY 1324	255	0.000
30 MAY 1500	31	0.000	*	30 MAY 2230	106	43.128	*	31 MAY 0600	181	25.843	*	31 MAY 1330	256	0.000
30 MAY 1506	32	0.000	*	30 MAY 2236	107	46.054	*	31 MAY 0606	182	25.499	*	31 MAY 1336	257	0.000
30 MAY 1512	33	0.000	*	30 MAY 2242	108	49.416	*	31 MAY 0612	183	25.156	*	31 MAY 1342	258	0.000
30 MAY 1518	34	0.000	*	30 MAY 2248	109	53.346	*	31 MAY 0618	184	24.811	*	31 MAY 1348	259	0.000
30 MAY 1524	35	0.000	*	30 MAY 2254	110	57.717	*	31 MAY 0624	185	24.468	*	31 MAY 1354	260	0.000
30 MAY 1530	36	0.000	*	30 MAY 2300	111	62.375	*	31 MAY 0630	186	24.124	*	31 MAY 1400	261	0.000
30 MAY 1536	37	0.000	*	30 MAY 2306	112	67.589	*	31 MAY 0636	187	23.780	*	31 MAY 1406	262	0.000
30 MAY 1542	38	0.001	*	30 MAY 2312	113	74.276	*	31 MAY 0642	188	23.435	*	31 MAY 1412	263	0.000
30 MAY 1548	39	0.023	*	30 MAY 2318	114	82.950	*	31 MAY 0648	189	23.092	*	31 MAY 1418	264	0.000
30 MAY 1554	40	0.108	*	30 MAY 2324	115	93.156	*	31 MAY 0654	190	22.746	*	31 MAY 1424	265	0.000
30 MAY 1600	41	0.266	*	30 MAY 2330	116	104.315	*	31 MAY 0700	191	22.402	*	31 MAY 1430	266	0.000
30 MAY 1606	42	0.471	*	30 MAY 2336	117	131.690	*	31 MAY 0706	192	22.057	*	31 MAY 1436	267	0.000
30 MAY 1612	43	0.701	*	30 MAY 2342	118	218.383	*	31 MAY 0712	193	21.712	*	31 MAY 1442	268	0.000
30 MAY 1618	44	0.947	*	30 MAY 2348	119	399.560	*	31 MAY 0718	194	21.366	*	31 MAY 1448	269	0.000
30 MAY 1624	45	1.204	*	30 MAY 2354	120	724.008	*	31 MAY 0724	195	21.022	*	31 MAY 1454	270	0.000
30 MAY 1630	46	1.470	*	31 MAY 0000	121	1088.008	*	31 MAY 0730	196	20.676	*	31 MAY 1500	271	0.000
30 MAY 1636	47	1.742	*	31 MAY 0006	122	1119.972	*	31 MAY 0736	197	20.331	*	31 MAY 1506	272	0.000
30 MAY 1642	48	2.020	*	31 MAY 0012	123	809.731	*	31 MAY 0742	198	19.985	*	31 MAY 1512	273	0.000
30 MAY 1648	49	2.304	*	31 MAY 0018	124	518.742	*	31 MAY 0748	199	19.640	*	31 MAY 1518	274	0.000
30 MAY 1654	50	2.593	*	31 MAY 0024	125	355.706	*	31 MAY 0754	200	19.293	*	31 MAY 1524	275	0.000
30 MAY 1700	51	2.887	*	31 MAY 0030	126	258.870	*	31 MAY 0800	201	18.948	*	31 MAY 1530	276	0.000
30 MAY 1706	52	3.186	*	31 MAY 0036	127	197.436	*	31 MAY 0806	202	18.618	*	31 MAY 1536	277	0.000
30 MAY 1712	53	3.490	*	31 MAY 0042	128	157.424	*	31 MAY 0812	203	18.351	*	31 MAY 1542	278	0.000
30 MAY 1718	54	3.798	*	31 MAY 0048	129	132.362	*	31 MAY 0818	204	18.165	*	31 MAY 1548	279	0.000
30 MAY 1724	55	4.111	*	31 MAY 0054	130	115.853	*	31 MAY 0824	205	18.040	*	31 MAY 1554	280	0.000
30 MAY 1730	56	4.428	*	31 MAY 0100	131	103.870	*	31 MAY 0830	206	17.942	*	31 MAY 1600	281	0.000
30 MAY 1736	57	4.749	*	31 MAY 0106	132	95.158	*	31 MAY 0836	207	17.861	*	31 MAY 1606	282	0.000
30 MAY 1742	58	5.074	*	31 MAY 0112	133	88.465	*	31 MAY 0842	208	17.786	*	31 MAY 1612	283	0.000



0.01	0.01	0.01	0.01	0.01	0.02	0.05	0.08	0.14	0.10
0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

36 LS            SCS LOSS RATE  
                   STRTL        0.27 INITIAL ABSTRACTION  
                   CRVNB     88.00 CURVE NUMBER  
                   RTIMP       0.00 PERCENT IMPERVIOUS AREA

37 UD            SCS DIMENSIONLESS UNITGRAPH  
                   TLAG        0.18 LAG

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WARNING \*\*\* TIME INTERVAL IS GREATER THAN .29\*LAG

UNIT HYDROGRAPH  
 11 END-OF-PERIOD ORDINATES

277.	736.	649.	328.	164.	80.	39.	20.	10.	5.
2.									

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HYDROGRAPH AT STATION    Total

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DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q	*	DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q
30	MAY	1200	1	0.00	0.00	0.00	0.	*	31	MAY	0300	151	0.02	0.00	0.02	53.
30	MAY	1206	2	0.01	0.01	0.00	0.	*	31	MAY	0306	152	0.02	0.00	0.02	51.
30	MAY	1212	3	0.01	0.01	0.00	0.	*	31	MAY	0312	153	0.02	0.00	0.02	50.
30	MAY	1218	4	0.01	0.01	0.00	0.	*	31	MAY	0318	154	0.02	0.00	0.02	49.
30	MAY	1224	5	0.01	0.01	0.00	0.	*	31	MAY	0324	155	0.02	0.00	0.02	48.
30	MAY	1230	6	0.01	0.01	0.00	0.	*	31	MAY	0330	156	0.02	0.00	0.02	47.
30	MAY	1236	7	0.01	0.01	0.00	0.	*	31	MAY	0336	157	0.02	0.00	0.02	46.
30	MAY	1242	8	0.01	0.01	0.00	0.	*	31	MAY	0342	158	0.02	0.00	0.02	44.
30	MAY	1248	9	0.01	0.01	0.00	0.	*	31	MAY	0348	159	0.02	0.00	0.02	43.
30	MAY	1254	10	0.01	0.01	0.00	0.	*	31	MAY	0354	160	0.02	0.00	0.02	42.
30	MAY	1300	11	0.01	0.01	0.00	0.	*	31	MAY	0400	161	0.02	0.00	0.02	41.
30	MAY	1306	12	0.01	0.01	0.00	0.	*	31	MAY	0406	162	0.02	0.00	0.02	40.
30	MAY	1312	13	0.01	0.01	0.00	0.	*	31	MAY	0412	163	0.02	0.00	0.02	39.
30	MAY	1318	14	0.01	0.01	0.00	0.	*	31	MAY	0418	164	0.02	0.00	0.02	38.
30	MAY	1324	15	0.01	0.01	0.00	0.	*	31	MAY	0424	165	0.02	0.00	0.02	38.
30	MAY	1330	16	0.01	0.01	0.00	0.	*	31	MAY	0430	166	0.02	0.00	0.02	37.
30	MAY	1336	17	0.01	0.01	0.00	0.	*	31	MAY	0436	167	0.02	0.00	0.02	37.
30	MAY	1342	18	0.01	0.01	0.00	0.	*	31	MAY	0442	168	0.02	0.00	0.02	36.



30 MAY 1348	19	0.01	0.01	0.00	0.	*	31 MAY 0448	169	0.02	0.00	0.02	36.
30 MAY 1354	20	0.01	0.01	0.00	0.	*	31 MAY 0454	170	0.02	0.00	0.02	35.
30 MAY 1400	21	0.01	0.01	0.00	0.	*	31 MAY 0500	171	0.02	0.00	0.01	35.
30 MAY 1406	22	0.01	0.01	0.00	0.	*	31 MAY 0506	172	0.02	0.00	0.01	35.
30 MAY 1412	23	0.01	0.01	0.00	0.	*	31 MAY 0512	173	0.01	0.00	0.01	34.
30 MAY 1418	24	0.01	0.01	0.00	0.	*	31 MAY 0518	174	0.01	0.00	0.01	34.
30 MAY 1424	25	0.01	0.01	0.00	0.	*	31 MAY 0524	175	0.01	0.00	0.01	33.
30 MAY 1430	26	0.01	0.01	0.00	0.	*	31 MAY 0530	176	0.01	0.00	0.01	33.
30 MAY 1436	27	0.01	0.01	0.00	0.	*	31 MAY 0536	177	0.01	0.00	0.01	33.
30 MAY 1442	28	0.01	0.01	0.00	0.	*	31 MAY 0542	178	0.01	0.00	0.01	32.
30 MAY 1448	29	0.01	0.01	0.00	0.	*	31 MAY 0548	179	0.01	0.00	0.01	32.
30 MAY 1454	30	0.01	0.01	0.00	0.	*	31 MAY 0554	180	0.01	0.00	0.01	31.
30 MAY 1500	31	0.01	0.01	0.00	0.	*	31 MAY 0600	181	0.01	0.00	0.01	31.
30 MAY 1506	32	0.01	0.01	0.00	0.	*	31 MAY 0606	182	0.01	0.00	0.01	31.
30 MAY 1512	33	0.01	0.01	0.00	0.	*	31 MAY 0612	183	0.01	0.00	0.01	30.
30 MAY 1518	34	0.01	0.01	0.00	0.	*	31 MAY 0618	184	0.01	0.00	0.01	30.
30 MAY 1524	35	0.01	0.01	0.00	0.	*	31 MAY 0624	185	0.01	0.00	0.01	29.
30 MAY 1530	36	0.01	0.01	0.00	0.	*	31 MAY 0630	186	0.01	0.00	0.01	29.
30 MAY 1536	37	0.01	0.01	0.00	1.	*	31 MAY 0636	187	0.01	0.00	0.01	28.
30 MAY 1542	38	0.01	0.01	0.00	1.	*	31 MAY 0642	188	0.01	0.00	0.01	28.
30 MAY 1548	39	0.01	0.01	0.00	1.	*	31 MAY 0648	189	0.01	0.00	0.01	28.
30 MAY 1554	40	0.01	0.01	0.00	2.	*	31 MAY 0654	190	0.01	0.00	0.01	27.
30 MAY 1600	41	0.01	0.01	0.00	2.	*	31 MAY 0700	191	0.01	0.00	0.01	27.
30 MAY 1606	42	0.01	0.01	0.00	2.	*	31 MAY 0706	192	0.01	0.00	0.01	26.
30 MAY 1612	43	0.01	0.01	0.00	3.	*	31 MAY 0712	193	0.01	0.00	0.01	26.
30 MAY 1618	44	0.01	0.01	0.00	3.	*	31 MAY 0718	194	0.01	0.00	0.01	26.
30 MAY 1624	45	0.01	0.01	0.00	3.	*	31 MAY 0724	195	0.01	0.00	0.01	25.
30 MAY 1630	46	0.01	0.01	0.00	4.	*	31 MAY 0730	196	0.01	0.00	0.01	25.
30 MAY 1636	47	0.01	0.01	0.00	4.	*	31 MAY 0736	197	0.01	0.00	0.01	24.
30 MAY 1642	48	0.01	0.01	0.00	4.	*	31 MAY 0742	198	0.01	0.00	0.01	24.
30 MAY 1648	49	0.01	0.01	0.00	5.	*	31 MAY 0748	199	0.01	0.00	0.01	24.
30 MAY 1654	50	0.01	0.01	0.00	5.	*	31 MAY 0754	200	0.01	0.00	0.01	23.
30 MAY 1700	51	0.01	0.01	0.00	5.	*	31 MAY 0800	201	0.01	0.00	0.01	23.
30 MAY 1706	52	0.01	0.01	0.00	6.	*	31 MAY 0806	202	0.01	0.00	0.01	22.
30 MAY 1712	53	0.01	0.01	0.00	6.	*	31 MAY 0812	203	0.01	0.00	0.01	22.
30 MAY 1718	54	0.01	0.01	0.00	7.	*	31 MAY 0818	204	0.01	0.00	0.01	22.
30 MAY 1724	55	0.01	0.01	0.00	7.	*	31 MAY 0824	205	0.01	0.00	0.01	22.
30 MAY 1730	56	0.01	0.01	0.00	7.	*	31 MAY 0830	206	0.01	0.00	0.01	21.
30 MAY 1736	57	0.01	0.01	0.00	8.	*	31 MAY 0836	207	0.01	0.00	0.01	21.
30 MAY 1742	58	0.01	0.01	0.00	8.	*	31 MAY 0842	208	0.01	0.00	0.01	21.
30 MAY 1748	59	0.01	0.01	0.00	9.	*	31 MAY 0848	209	0.01	0.00	0.01	21.
30 MAY 1754	60	0.01	0.01	0.00	9.	*	31 MAY 0854	210	0.01	0.00	0.01	21.
30 MAY 1800	61	0.01	0.01	0.00	10.	*	31 MAY 0900	211	0.01	0.00	0.01	21.
30 MAY 1806	62	0.01	0.01	0.00	10.	*	31 MAY 0906	212	0.01	0.00	0.01	21.
30 MAY 1812	63	0.01	0.01	0.00	10.	*	31 MAY 0912	213	0.01	0.00	0.01	21.
30 MAY 1818	64	0.01	0.01	0.01	11.	*	31 MAY 0918	214	0.01	0.00	0.01	21.
30 MAY 1824	65	0.01	0.01	0.01	11.	*	31 MAY 0924	215	0.01	0.00	0.01	21.
30 MAY 1830	66	0.01	0.01	0.01	12.	*	31 MAY 0930	216	0.01	0.00	0.01	21.
30 MAY 1836	67	0.01	0.01	0.01	12.	*	31 MAY 0936	217	0.01	0.00	0.01	21.
30 MAY 1842	68	0.01	0.01	0.01	13.	*	31 MAY 0942	218	0.01	0.00	0.01	20.
30 MAY 1848	69	0.01	0.01	0.01	13.	*	31 MAY 0948	219	0.01	0.00	0.01	20.
30 MAY 1854	70	0.01	0.01	0.01	14.	*	31 MAY 0954	220	0.01	0.00	0.01	20.
30 MAY 1900	71	0.01	0.01	0.01	14.	*	31 MAY 1000	221	0.01	0.00	0.01	20.
30 MAY 1906	72	0.01	0.01	0.01	14.	*	31 MAY 1006	222	0.01	0.00	0.01	20.
30 MAY 1912	73	0.02	0.01	0.01	15.	*	31 MAY 1012	223	0.01	0.00	0.01	20.
30 MAY 1918	74	0.02	0.01	0.01	15.	*	31 MAY 1018	224	0.01	0.00	0.01	20.
30 MAY 1924	75	0.02	0.01	0.01	16.	*	31 MAY 1024	225	0.01	0.00	0.01	20.

30 MAY 1930	76	0.02	0.01	0.01	16.	*	31 MAY 1030	226	0.01	0.00	0.01	20.
30 MAY 1936	77	0.02	0.01	0.01	17.	*	31 MAY 1036	227	0.01	0.00	0.01	20.
30 MAY 1942	78	0.02	0.01	0.01	17.	*	31 MAY 1042	228	0.01	0.00	0.01	20.
30 MAY 1948	79	0.02	0.01	0.01	18.	*	31 MAY 1048	229	0.01	0.00	0.01	20.
30 MAY 1954	80	0.02	0.01	0.01	18.	*	31 MAY 1054	230	0.01	0.00	0.01	19.
30 MAY 2000	81	0.02	0.01	0.01	19.	*	31 MAY 1100	231	0.01	0.00	0.01	19.
30 MAY 2006	82	0.02	0.01	0.01	19.	*	31 MAY 1106	232	0.01	0.00	0.01	19.
30 MAY 2012	83	0.02	0.01	0.01	20.	*	31 MAY 1112	233	0.01	0.00	0.01	19.
30 MAY 2018	84	0.02	0.01	0.01	21.	*	31 MAY 1118	234	0.01	0.00	0.01	19.
30 MAY 2024	85	0.02	0.01	0.01	22.	*	31 MAY 1124	235	0.01	0.00	0.01	19.
30 MAY 2030	86	0.02	0.01	0.01	23.	*	31 MAY 1130	236	0.01	0.00	0.01	19.
30 MAY 2036	87	0.02	0.01	0.01	24.	*	31 MAY 1136	237	0.01	0.00	0.01	19.
30 MAY 2042	88	0.02	0.01	0.01	26.	*	31 MAY 1142	238	0.01	0.00	0.01	19.
30 MAY 2048	89	0.02	0.01	0.01	27.	*	31 MAY 1148	239	0.01	0.00	0.01	19.
30 MAY 2054	90	0.02	0.01	0.01	28.	*	31 MAY 1154	240	0.01	0.00	0.01	19.
30 MAY 2100	91	0.02	0.01	0.01	30.	*	31 MAY 1200	241	0.01	0.00	0.01	19.
30 MAY 2106	92	0.02	0.01	0.01	31.	*	31 MAY 1206	242	0.00	0.00	0.00	16.
30 MAY 2112	93	0.02	0.01	0.01	32.	*	31 MAY 1212	243	0.00	0.00	0.00	10.
30 MAY 2118	94	0.02	0.01	0.01	33.	*	31 MAY 1218	244	0.00	0.00	0.00	5.
30 MAY 2124	95	0.02	0.01	0.02	34.	*	31 MAY 1224	245	0.00	0.00	0.00	3.
30 MAY 2130	96	0.02	0.01	0.02	34.	*	31 MAY 1230	246	0.00	0.00	0.00	1.
30 MAY 2136	97	0.02	0.01	0.02	35.	*	31 MAY 1236	247	0.00	0.00	0.00	1.
30 MAY 2142	98	0.03	0.01	0.02	36.	*	31 MAY 1242	248	0.00	0.00	0.00	0.
30 MAY 2148	99	0.03	0.01	0.02	37.	*	31 MAY 1248	249	0.00	0.00	0.00	0.
30 MAY 2154	100	0.03	0.01	0.02	39.	*	31 MAY 1254	250	0.00	0.00	0.00	0.
30 MAY 2200	101	0.03	0.01	0.02	41.	*	31 MAY 1300	251	0.00	0.00	0.00	0.
30 MAY 2206	102	0.03	0.01	0.02	44.	*	31 MAY 1306	252	0.00	0.00	0.00	0.
30 MAY 2212	103	0.03	0.01	0.02	46.	*	31 MAY 1312	253	0.00	0.00	0.00	0.
30 MAY 2218	104	0.03	0.01	0.02	49.	*	31 MAY 1318	254	0.00	0.00	0.00	0.
30 MAY 2224	105	0.04	0.01	0.03	52.	*	31 MAY 1324	255	0.00	0.00	0.00	0.
30 MAY 2230	106	0.04	0.01	0.03	56.	*	31 MAY 1330	256	0.00	0.00	0.00	0.
30 MAY 2236	107	0.04	0.01	0.03	59.	*	31 MAY 1336	257	0.00	0.00	0.00	0.
30 MAY 2242	108	0.04	0.01	0.03	64.	*	31 MAY 1342	258	0.00	0.00	0.00	0.
30 MAY 2248	109	0.05	0.01	0.03	69.	*	31 MAY 1348	259	0.00	0.00	0.00	0.
30 MAY 2254	110	0.05	0.01	0.04	74.	*	31 MAY 1354	260	0.00	0.00	0.00	0.
30 MAY 2300	111	0.05	0.01	0.04	80.	*	31 MAY 1400	261	0.00	0.00	0.00	0.
30 MAY 2306	112	0.06	0.01	0.04	86.	*	31 MAY 1406	262	0.00	0.00	0.00	0.
30 MAY 2312	113	0.06	0.01	0.05	94.	*	31 MAY 1412	263	0.00	0.00	0.00	0.
30 MAY 2318	114	0.07	0.01	0.06	105.	*	31 MAY 1418	264	0.00	0.00	0.00	0.
30 MAY 2324	115	0.08	0.02	0.06	118.	*	31 MAY 1424	265	0.00	0.00	0.00	0.
30 MAY 2330	116	0.09	0.02	0.07	132.	*	31 MAY 1430	266	0.00	0.00	0.00	0.
30 MAY 2336	117	0.18	0.03	0.15	165.	*	31 MAY 1436	267	0.00	0.00	0.00	0.
30 MAY 2342	118	0.35	0.05	0.30	273.	*	31 MAY 1442	268	0.00	0.00	0.00	0.
30 MAY 2348	119	0.57	0.07	0.50	496.	*	31 MAY 1448	269	0.00	0.00	0.00	0.
30 MAY 2354	120	1.02	0.08	0.93	891.	*	31 MAY 1454	270	0.00	0.00	0.00	0.
31 MAY 0000	121	0.71	0.04	0.66	1329.	*	31 MAY 1500	271	0.00	0.00	0.00	0.
31 MAY 0006	122	0.14	0.01	0.13	1362.	*	31 MAY 1506	272	0.00	0.00	0.00	0.
31 MAY 0012	123	0.12	0.01	0.12	983.	*	31 MAY 1512	273	0.00	0.00	0.00	0.
31 MAY 0018	124	0.11	0.00	0.10	628.	*	31 MAY 1518	274	0.00	0.00	0.00	0.
31 MAY 0024	125	0.09	0.00	0.09	430.	*	31 MAY 1524	275	0.00	0.00	0.00	0.
31 MAY 0030	126	0.07	0.00	0.07	313.	*	31 MAY 1530	276	0.00	0.00	0.00	0.
31 MAY 0036	127	0.06	0.00	0.06	238.	*	31 MAY 1536	277	0.00	0.00	0.00	0.
31 MAY 0042	128	0.06	0.00	0.06	190.	*	31 MAY 1542	278	0.00	0.00	0.00	0.
31 MAY 0048	129	0.05	0.00	0.05	159.	*	31 MAY 1548	279	0.00	0.00	0.00	0.
31 MAY 0054	130	0.05	0.00	0.05	139.	*	31 MAY 1554	280	0.00	0.00	0.00	0.
31 MAY 0100	131	0.05	0.00	0.05	125.	*	31 MAY 1600	281	0.00	0.00	0.00	0.
31 MAY 0106	132	0.04	0.00	0.04	114.	*	31 MAY 1606	282	0.00	0.00	0.00	0.

31 MAY 0112	133	0.04	0.00	0.04	106.	*	31 MAY 1612	283	0.00	0.00	0.00	0.
31 MAY 0118	134	0.04	0.00	0.04	100.	*	31 MAY 1618	284	0.00	0.00	0.00	0.
31 MAY 0124	135	0.04	0.00	0.04	94.	*	31 MAY 1624	285	0.00	0.00	0.00	0.
31 MAY 0130	136	0.04	0.00	0.03	89.	*	31 MAY 1630	286	0.00	0.00	0.00	0.
31 MAY 0136	137	0.03	0.00	0.03	85.	*	31 MAY 1636	287	0.00	0.00	0.00	0.
31 MAY 0142	138	0.03	0.00	0.03	80.	*	31 MAY 1642	288	0.00	0.00	0.00	0.
31 MAY 0148	139	0.03	0.00	0.03	76.	*	31 MAY 1648	289	0.00	0.00	0.00	0.
31 MAY 0154	140	0.03	0.00	0.03	73.	*	31 MAY 1654	290	0.00	0.00	0.00	0.
31 MAY 0200	141	0.03	0.00	0.03	69.	*	31 MAY 1700	291	0.00	0.00	0.00	0.
31 MAY 0206	142	0.03	0.00	0.03	66.	*	31 MAY 1706	292	0.00	0.00	0.00	0.
31 MAY 0212	143	0.03	0.00	0.03	63.	*	31 MAY 1712	293	0.00	0.00	0.00	0.
31 MAY 0218	144	0.03	0.00	0.03	61.	*	31 MAY 1718	294	0.00	0.00	0.00	0.
31 MAY 0224	145	0.03	0.00	0.02	60.	*	31 MAY 1724	295	0.00	0.00	0.00	0.
31 MAY 0230	146	0.03	0.00	0.02	58.	*	31 MAY 1730	296	0.00	0.00	0.00	0.
31 MAY 0236	147	0.02	0.00	0.02	57.	*	31 MAY 1736	297	0.00	0.00	0.00	0.
31 MAY 0242	148	0.02	0.00	0.02	56.	*	31 MAY 1742	298	0.00	0.00	0.00	0.
31 MAY 0248	149	0.02	0.00	0.02	55.	*	31 MAY 1748	299	0.00	0.00	0.00	0.
31 MAY 0254	150	0.02	0.00	0.02	54.	*	31 MAY 1754	300	0.00	0.00	0.00	0.

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TOTAL RAINFALL = 7.42, TOTAL LOSS = 1.42, TOTAL EXCESS = 6.00

PEAK FLOW (CFS)	TIME (HR)	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	29.90-HR
+ 1362.	12.10	(CFS) 180.	58.	46.	46.
		(INCHES) 4.670	6.002	6.002	6.002
		(AC-FT) 89.	115.	115.	115.

CUMULATIVE AREA = 0.36 SQ MI

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HYDROGRAPH AT STATION Total  
PLAN 4, RATIO = 1.00

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DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*
30	MAY	1200	1	0.000	*	30	MAY	1930	76	16.314	*	31	MAY	0300	151	52.517	*	31	MAY	1030	226	19.803	*
30	MAY	1206	2	0.000	*	30	MAY	1936	77	16.781	*	31	MAY	0306	152	51.368	*	31	MAY	1036	227	19.721	*
30	MAY	1212	3	0.000	*	30	MAY	1942	78	17.250	*	31	MAY	0312	153	50.222	*	31	MAY	1042	228	19.638	*
30	MAY	1218	4	0.000	*	30	MAY	1948	79	17.719	*	31	MAY	0318	154	49.072	*	31	MAY	1048	229	19.557	*
30	MAY	1224	5	0.000	*	30	MAY	1954	80	18.190	*	31	MAY	0324	155	47.925	*	31	MAY	1054	230	19.474	*
30	MAY	1230	6	0.000	*	30	MAY	2000	81	18.662	*	31	MAY	0330	156	46.773	*	31	MAY	1100	231	19.392	*
30	MAY	1236	7	0.000	*	30	MAY	2006	82	19.179	*	31	MAY	0336	157	45.624	*	31	MAY	1106	232	19.309	*
30	MAY	1242	8	0.000	*	30	MAY	2012	83	19.859	*	31	MAY	0342	158	44.470	*	31	MAY	1112	233	19.227	*
30	MAY	1248	9	0.000	*	30	MAY	2018	84	20.771	*	31	MAY	0348	159	43.320	*	31	MAY	1118	234	19.144	*
30	MAY	1254	10	0.000	*	30	MAY	2024	85	21.859	*	31	MAY	0354	160	42.166	*	31	MAY	1124	235	19.062	*
30	MAY	1300	11	0.000	*	30	MAY	2030	86	23.051	*	31	MAY	0400	161	41.015	*	31	MAY	1130	236	18.979	*
30	MAY	1306	12	0.000	*	30	MAY	2036	87	24.311	*	31	MAY	0406	162	39.898	*	31	MAY	1136	237	18.898	*
30	MAY	1312	13	0.000	*	30	MAY	2042	88	25.622	*	31	MAY	0412	163	38.951	*	31	MAY	1142	238	18.814	*
30	MAY	1318	14	0.000	*	30	MAY	2048	89	26.972	*	31	MAY	0418	164	38.230	*	31	MAY	1148	239	18.733	*

30 MAY 1324	15	0.000	*	30 MAY 2054	90	28.359	*	31 MAY 0424	165	37.668	*	31 MAY 1154	240	18.649
30 MAY 1330	16	0.000	*	30 MAY 2100	91	29.779	*	31 MAY 0430	166	37.182	*	31 MAY 1200	241	18.568
30 MAY 1336	17	0.000	*	30 MAY 2106	92	31.166	*	31 MAY 0436	167	36.737	*	31 MAY 1206	242	16.282
30 MAY 1342	18	0.000	*	30 MAY 2112	93	32.348	*	31 MAY 0442	168	36.309	*	31 MAY 1212	243	10.366
30 MAY 1348	19	0.000	*	30 MAY 2118	94	33.227	*	31 MAY 0448	169	35.891	*	31 MAY 1218	244	5.175
30 MAY 1354	20	0.000	*	30 MAY 2124	95	33.884	*	31 MAY 0454	170	35.476	*	31 MAY 1224	245	2.554
30 MAY 1400	21	0.000	*	30 MAY 2130	96	34.423	*	31 MAY 0500	171	35.066	*	31 MAY 1230	246	1.242
30 MAY 1406	22	0.000	*	30 MAY 2136	97	35.004	*	31 MAY 0506	172	34.654	*	31 MAY 1236	247	0.602
30 MAY 1412	23	0.000	*	30 MAY 2142	98	35.945	*	31 MAY 0512	173	34.244	*	31 MAY 1242	248	0.288
30 MAY 1418	24	0.000	*	30 MAY 2148	99	37.420	*	31 MAY 0518	174	33.832	*	31 MAY 1248	249	0.131
30 MAY 1424	25	0.000	*	30 MAY 2154	100	39.294	*	31 MAY 0524	175	33.421	*	31 MAY 1254	250	0.054
30 MAY 1430	26	0.000	*	30 MAY 2200	101	41.391	*	31 MAY 0530	176	33.009	*	31 MAY 1300	251	0.013
30 MAY 1436	27	0.000	*	30 MAY 2206	102	43.679	*	31 MAY 0536	177	32.599	*	31 MAY 1306	252	0.000
30 MAY 1442	28	0.000	*	30 MAY 2212	103	46.267	*	31 MAY 0542	178	32.186	*	31 MAY 1312	253	0.000
30 MAY 1448	29	0.000	*	30 MAY 2218	104	49.216	*	31 MAY 0548	179	31.776	*	31 MAY 1318	254	0.000
30 MAY 1454	30	0.000	*	30 MAY 2224	105	52.441	*	31 MAY 0554	180	31.363	*	31 MAY 1324	255	0.000
30 MAY 1500	31	0.000	*	30 MAY 2230	106	55.840	*	31 MAY 0600	181	30.952	*	31 MAY 1330	256	0.000
30 MAY 1506	32	0.000	*	30 MAY 2236	107	59.482	*	31 MAY 0606	182	30.538	*	31 MAY 1336	257	0.000
30 MAY 1512	33	0.001	*	30 MAY 2242	108	63.666	*	31 MAY 0612	183	30.127	*	31 MAY 1342	258	0.000
30 MAY 1518	34	0.034	*	30 MAY 2248	109	68.556	*	31 MAY 0618	184	29.713	*	31 MAY 1348	259	0.000
30 MAY 1524	35	0.153	*	30 MAY 2254	110	73.986	*	31 MAY 0624	185	29.301	*	31 MAY 1354	260	0.000
30 MAY 1530	36	0.364	*	30 MAY 2300	111	79.754	*	31 MAY 0630	186	28.888	*	31 MAY 1400	261	0.000
30 MAY 1536	37	0.632	*	30 MAY 2306	112	86.199	*	31 MAY 0636	187	28.476	*	31 MAY 1406	262	0.000
30 MAY 1542	38	0.929	*	30 MAY 2312	113	94.476	*	31 MAY 0642	188	28.062	*	31 MAY 1412	263	0.000
30 MAY 1548	39	1.241	*	30 MAY 2318	114	105.222	*	31 MAY 0648	189	27.649	*	31 MAY 1418	264	0.000
30 MAY 1554	40	1.559	*	30 MAY 2324	115	117.839	*	31 MAY 0654	190	27.235	*	31 MAY 1424	265	0.000
30 MAY 1600	41	1.881	*	30 MAY 2330	116	131.582	*	31 MAY 0700	191	26.822	*	31 MAY 1430	266	0.000
30 MAY 1606	42	2.204	*	30 MAY 2336	117	165.486	*	31 MAY 0706	192	26.408	*	31 MAY 1436	267	0.000
30 MAY 1612	43	2.535	*	30 MAY 2342	118	272.865	*	31 MAY 0712	193	25.995	*	31 MAY 1442	268	0.000
30 MAY 1618	44	2.875	*	30 MAY 2348	119	495.757	*	31 MAY 0718	194	25.580	*	31 MAY 1448	269	0.000
30 MAY 1624	45	3.224	*	30 MAY 2354	120	890.541	*	31 MAY 0724	195	25.167	*	31 MAY 1454	270	0.000
30 MAY 1630	46	3.580	*	31 MAY 0000	121	1328.956	*	31 MAY 0730	196	24.752	*	31 MAY 1500	271	0.000
30 MAY 1636	47	3.942	*	31 MAY 0006	122	1362.274	*	31 MAY 0736	197	24.339	*	31 MAY 1506	272	0.000
30 MAY 1642	48	4.310	*	31 MAY 0012	123	982.644	*	31 MAY 0742	198	23.924	*	31 MAY 1512	273	0.000
30 MAY 1648	49	4.685	*	31 MAY 0018	124	628.494	*	31 MAY 0748	199	23.510	*	31 MAY 1518	274	0.000
30 MAY 1654	50	5.064	*	31 MAY 0024	125	430.212	*	31 MAY 0754	200	23.095	*	31 MAY 1524	275	0.000
30 MAY 1700	51	5.449	*	31 MAY 0030	126	312.597	*	31 MAY 0800	201	22.681	*	31 MAY 1530	276	0.000
30 MAY 1706	52	5.840	*	31 MAY 0036	127	238.103	*	31 MAY 0806	202	22.266	*	31 MAY 1536	277	0.000
30 MAY 1712	53	6.235	*	31 MAY 0042	128	189.650	*	31 MAY 0812	203	21.852	*	31 MAY 1542	278	0.000
30 MAY 1718	54	6.635	*	31 MAY 0048	129	159.321	*	31 MAY 0818	204	21.437	*	31 MAY 1548	279	0.000
30 MAY 1724	55	7.039	*	31 MAY 0054	130	139.357	*	31 MAY 0824	205	21.022	*	31 MAY 1554	280	0.000
30 MAY 1730	56	7.448	*	31 MAY 0100	131	124.886	*	31 MAY 0830	206	20.607	*	31 MAY 1600	281	0.000
30 MAY 1736	57	7.861	*	31 MAY 0106	132	114.381	*	31 MAY 0836	207	20.192	*	31 MAY 1606	282	0.000
30 MAY 1742	58	8.279	*	31 MAY 0112	133	106.314	*	31 MAY 0842	208	21.286	*	31 MAY 1612	283	0.000
30 MAY 1748	59	8.700	*	31 MAY 0118	134	99.782	*	31 MAY 0848	209	21.201	*	31 MAY 1618	284	0.000
30 MAY 1754	60	9.125	*	31 MAY 0124	135	94.256	*	31 MAY 0854	210	21.116	*	31 MAY 1624	285	0.000
30 MAY 1800	61	9.553	*	31 MAY 0130	136	89.233	*	31 MAY 0900	211	21.035	*	31 MAY 1630	286	0.000
30 MAY 1806	62	9.985	*	31 MAY 0136	137	84.533	*	31 MAY 0906	212	20.952	*	31 MAY 1636	287	0.000
30 MAY 1812	63	10.421	*	31 MAY 0142	138	80.227	*	31 MAY 0912	213	20.871	*	31 MAY 1642	288	0.000
30 MAY 1818	64	10.859	*	31 MAY 0148	139	76.362	*	31 MAY 0918	214	20.788	*	31 MAY 1648	289	0.000
30 MAY 1824	65	11.301	*	31 MAY 0154	140	72.795	*	31 MAY 0924	215	20.708	*	31 MAY 1654	290	0.000
30 MAY 1830	66	11.745	*	31 MAY 0200	141	69.378	*	31 MAY 0930	216	20.624	*	31 MAY 1700	291	0.000
30 MAY 1836	67	12.192	*	31 MAY 0206	142	66.171	*	31 MAY 0936	217	20.543	*	31 MAY 1706	292	0.000
30 MAY 1842	68	12.641	*	31 MAY 0212	143	63.464	*	31 MAY 0942	218	20.460	*	31 MAY 1712	293	0.000
30 MAY 1848	69	13.093	*	31 MAY 0218	144	61.399	*	31 MAY 0948	219	20.379	*	31 MAY 1718	294	0.000
30 MAY 1854	70	13.548	*	31 MAY 0224	145	59.802	*	31 MAY 0954	220	20.296	*	31 MAY 1724	295	0.000
30 MAY 1900	71	14.004	*	31 MAY 0230	146	58.435	*	31 MAY 1000	221	20.214	*	31 MAY 1730	296	0.000



36 LS SCS LOSS RATE  
 STRTL 0.27 INITIAL ABSTRACTION  
 CRVNBR 88.00 CURVE NUMBER  
 RTIMP 0.00 PERCENT IMPERVIOUS AREA

37 UD SCS DIMENSIONLESS UNITGRAPH  
 TLAG 0.18 LAG

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WARNING \*\*\* TIME INTERVAL IS GREATER THAN .29\*LAG

UNIT HYDROGRAPH  
 11 END-OF-PERIOD ORDINATES

277.      736.      649.      328.      164.      80.      39.      20.      10.      5.  
 2.

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HYDROGRAPH AT STATION      Total

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DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q	*	DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q
30	MAY	1200	1	0.00	0.00	0.00	0.	*	31	MAY	0300	151	0.03	0.00	0.02	60.
30	MAY	1206	2	0.01	0.01	0.00	0.	*	31	MAY	0306	152	0.03	0.00	0.02	59.
30	MAY	1212	3	0.01	0.01	0.00	0.	*	31	MAY	0312	153	0.02	0.00	0.02	57.
30	MAY	1218	4	0.01	0.01	0.00	0.	*	31	MAY	0318	154	0.02	0.00	0.02	56.
30	MAY	1224	5	0.01	0.01	0.00	0.	*	31	MAY	0324	155	0.02	0.00	0.02	55.
30	MAY	1230	6	0.01	0.01	0.00	0.	*	31	MAY	0330	156	0.02	0.00	0.02	53.
30	MAY	1236	7	0.01	0.01	0.00	0.	*	31	MAY	0336	157	0.02	0.00	0.02	52.
30	MAY	1242	8	0.01	0.01	0.00	0.	*	31	MAY	0342	158	0.02	0.00	0.02	51.
30	MAY	1248	9	0.01	0.01	0.00	0.	*	31	MAY	0348	159	0.02	0.00	0.02	49.
30	MAY	1254	10	0.01	0.01	0.00	0.	*	31	MAY	0354	160	0.02	0.00	0.02	48.
30	MAY	1300	11	0.01	0.01	0.00	0.	*	31	MAY	0400	161	0.02	0.00	0.02	47.
30	MAY	1306	12	0.01	0.01	0.00	0.	*	31	MAY	0406	162	0.02	0.00	0.02	46.
30	MAY	1312	13	0.01	0.01	0.00	0.	*	31	MAY	0412	163	0.02	0.00	0.02	44.
30	MAY	1318	14	0.01	0.01	0.00	0.	*	31	MAY	0418	164	0.02	0.00	0.02	44.
30	MAY	1324	15	0.01	0.01	0.00	0.	*	31	MAY	0424	165	0.02	0.00	0.02	43.
30	MAY	1330	16	0.01	0.01	0.00	0.	*	31	MAY	0430	166	0.02	0.00	0.02	42.
30	MAY	1336	17	0.01	0.01	0.00	0.	*	31	MAY	0436	167	0.02	0.00	0.02	42.
30	MAY	1342	18	0.01	0.01	0.00	0.	*	31	MAY	0442	168	0.02	0.00	0.02	41.
30	MAY	1348	19	0.01	0.01	0.00	0.	*	31	MAY	0448	169	0.02	0.00	0.02	41.
30	MAY	1354	20	0.01	0.01	0.00	0.	*	31	MAY	0454	170	0.02	0.00	0.02	41.
30	MAY	1400	21	0.01	0.01	0.00	0.	*	31	MAY	0500	171	0.02	0.00	0.02	40.
30	MAY	1406	22	0.01	0.01	0.00	0.	*	31	MAY	0506	172	0.02	0.00	0.02	40.
30	MAY	1412	23	0.01	0.01	0.00	0.	*	31	MAY	0512	173	0.02	0.00	0.02	39.
30	MAY	1418	24	0.01	0.01	0.00	0.	*	31	MAY	0518	174	0.02	0.00	0.02	39.
30	MAY	1424	25	0.01	0.01	0.00	0.	*	31	MAY	0524	175	0.02	0.00	0.02	38.
30	MAY	1430	26	0.01	0.01	0.00	0.	*	31	MAY	0530	176	0.02	0.00	0.02	38.
30	MAY	1436	27	0.01	0.01	0.00	0.	*	31	MAY	0536	177	0.02	0.00	0.02	37.
30	MAY	1442	28	0.01	0.01	0.00	0.	*	31	MAY	0542	178	0.02	0.00	0.02	37.
30	MAY	1448	29	0.01	0.01	0.00	0.	*	31	MAY	0548	179	0.02	0.00	0.02	36.
30	MAY	1454	30	0.01	0.01	0.00	0.	*	31	MAY	0554	180	0.02	0.00	0.02	36.
30	MAY	1500	31	0.01	0.01	0.00	0.	*	31	MAY	0600	181	0.02	0.00	0.01	35.

30 MAY 1506	32	0.01	0.01	0.00	0.	*	31 MAY 0606	182	0.02	0.00	0.01	35.
30 MAY 1512	33	0.01	0.01	0.00	1.	*	31 MAY 0612	183	0.01	0.00	0.01	34.
30 MAY 1518	34	0.01	0.01	0.00	1.	*	31 MAY 0618	184	0.01	0.00	0.01	34.
30 MAY 1524	35	0.01	0.01	0.00	1.	*	31 MAY 0624	185	0.01	0.00	0.01	33.
30 MAY 1530	36	0.01	0.01	0.00	2.	*	31 MAY 0630	186	0.01	0.00	0.01	33.
30 MAY 1536	37	0.01	0.01	0.00	2.	*	31 MAY 0636	187	0.01	0.00	0.01	33.
30 MAY 1542	38	0.01	0.01	0.00	2.	*	31 MAY 0642	188	0.01	0.00	0.01	32.
30 MAY 1548	39	0.01	0.01	0.00	3.	*	31 MAY 0648	189	0.01	0.00	0.01	32.
30 MAY 1554	40	0.01	0.01	0.00	3.	*	31 MAY 0654	190	0.01	0.00	0.01	31.
30 MAY 1600	41	0.01	0.01	0.00	4.	*	31 MAY 0700	191	0.01	0.00	0.01	31.
30 MAY 1606	42	0.01	0.01	0.00	4.	*	31 MAY 0706	192	0.01	0.00	0.01	30.
30 MAY 1612	43	0.01	0.01	0.00	4.	*	31 MAY 0712	193	0.01	0.00	0.01	30.
30 MAY 1618	44	0.01	0.01	0.00	5.	*	31 MAY 0718	194	0.01	0.00	0.01	29.
30 MAY 1624	45	0.01	0.01	0.00	5.	*	31 MAY 0724	195	0.01	0.00	0.01	29.
30 MAY 1630	46	0.01	0.01	0.00	6.	*	31 MAY 0730	196	0.01	0.00	0.01	28.
30 MAY 1636	47	0.01	0.01	0.00	6.	*	31 MAY 0736	197	0.01	0.00	0.01	28.
30 MAY 1642	48	0.01	0.01	0.00	7.	*	31 MAY 0742	198	0.01	0.00	0.01	27.
30 MAY 1648	49	0.01	0.01	0.00	7.	*	31 MAY 0748	199	0.01	0.00	0.01	27.
30 MAY 1654	50	0.01	0.01	0.00	7.	*	31 MAY 0754	200	0.01	0.00	0.01	26.
30 MAY 1700	51	0.01	0.01	0.00	8.	*	31 MAY 0800	201	0.01	0.00	0.01	26.
30 MAY 1706	52	0.01	0.01	0.00	8.	*	31 MAY 0806	202	0.01	0.00	0.01	25.
30 MAY 1712	53	0.01	0.01	0.00	9.	*	31 MAY 0812	203	0.01	0.00	0.01	25.
30 MAY 1718	54	0.01	0.01	0.00	9.	*	31 MAY 0818	204	0.01	0.00	0.01	25.
30 MAY 1724	55	0.01	0.01	0.00	10.	*	31 MAY 0824	205	0.01	0.00	0.01	25.
30 MAY 1730	56	0.01	0.01	0.00	10.	*	31 MAY 0830	206	0.01	0.00	0.01	25.
30 MAY 1736	57	0.01	0.01	0.01	11.	*	31 MAY 0836	207	0.01	0.00	0.01	24.
30 MAY 1742	58	0.01	0.01	0.01	11.	*	31 MAY 0842	208	0.01	0.00	0.01	24.
30 MAY 1748	59	0.01	0.01	0.01	12.	*	31 MAY 0848	209	0.01	0.00	0.01	24.
30 MAY 1754	60	0.01	0.01	0.01	12.	*	31 MAY 0854	210	0.01	0.00	0.01	24.
30 MAY 1800	61	0.02	0.01	0.01	13.	*	31 MAY 0900	211	0.01	0.00	0.01	24.
30 MAY 1806	62	0.02	0.01	0.01	13.	*	31 MAY 0906	212	0.01	0.00	0.01	24.
30 MAY 1812	63	0.02	0.01	0.01	14.	*	31 MAY 0912	213	0.01	0.00	0.01	24.
30 MAY 1818	64	0.02	0.01	0.01	14.	*	31 MAY 0918	214	0.01	0.00	0.01	24.
30 MAY 1824	65	0.02	0.01	0.01	15.	*	31 MAY 0924	215	0.01	0.00	0.01	24.
30 MAY 1830	66	0.02	0.01	0.01	15.	*	31 MAY 0930	216	0.01	0.00	0.01	24.
30 MAY 1836	67	0.02	0.01	0.01	16.	*	31 MAY 0936	217	0.01	0.00	0.01	23.
30 MAY 1842	68	0.02	0.01	0.01	16.	*	31 MAY 0942	218	0.01	0.00	0.01	23.
30 MAY 1848	69	0.02	0.01	0.01	17.	*	31 MAY 0948	219	0.01	0.00	0.01	23.
30 MAY 1854	70	0.02	0.01	0.01	18.	*	31 MAY 0954	220	0.01	0.00	0.01	23.
30 MAY 1900	71	0.02	0.01	0.01	18.	*	31 MAY 1000	221	0.01	0.00	0.01	23.
30 MAY 1906	72	0.02	0.01	0.01	19.	*	31 MAY 1006	222	0.01	0.00	0.01	23.
30 MAY 1912	73	0.02	0.01	0.01	19.	*	31 MAY 1012	223	0.01	0.00	0.01	23.
30 MAY 1918	74	0.02	0.01	0.01	20.	*	31 MAY 1018	224	0.01	0.00	0.01	23.
30 MAY 1924	75	0.02	0.01	0.01	20.	*	31 MAY 1024	225	0.01	0.00	0.01	23.
30 MAY 1930	76	0.02	0.01	0.01	21.	*	31 MAY 1030	226	0.01	0.00	0.01	23.
30 MAY 1936	77	0.02	0.01	0.01	21.	*	31 MAY 1036	227	0.01	0.00	0.01	23.
30 MAY 1942	78	0.02	0.01	0.01	22.	*	31 MAY 1042	228	0.01	0.00	0.01	22.
30 MAY 1948	79	0.02	0.01	0.01	22.	*	31 MAY 1048	229	0.01	0.00	0.01	22.
30 MAY 1954	80	0.02	0.01	0.01	23.	*	31 MAY 1054	230	0.01	0.00	0.01	22.
30 MAY 2000	81	0.02	0.01	0.01	23.	*	31 MAY 1100	231	0.01	0.00	0.01	22.
30 MAY 2006	82	0.02	0.01	0.01	24.	*	31 MAY 1106	232	0.01	0.00	0.01	22.
30 MAY 2012	83	0.02	0.01	0.01	25.	*	31 MAY 1112	233	0.01	0.00	0.01	22.
30 MAY 2018	84	0.02	0.01	0.01	26.	*	31 MAY 1118	234	0.01	0.00	0.01	22.
30 MAY 2024	85	0.02	0.01	0.01	27.	*	31 MAY 1124	235	0.01	0.00	0.01	22.
30 MAY 2030	86	0.02	0.01	0.01	29.	*	31 MAY 1130	236	0.01	0.00	0.01	22.
30 MAY 2036	87	0.02	0.01	0.01	30.	*	31 MAY 1136	237	0.01	0.00	0.01	22.
30 MAY 2042	88	0.02	0.01	0.02	32.	*	31 MAY 1142	238	0.01	0.00	0.01	21.

30 MAY 2048	89	0.02	0.01	0.02	33.	*	31 MAY 1148	239	0.01	0.00	0.01	21.
30 MAY 2054	90	0.03	0.01	0.02	35.	*	31 MAY 1154	240	0.01	0.00	0.01	21.
30 MAY 2100	91	0.03	0.01	0.02	37.	*	31 MAY 1200	241	0.01	0.00	0.01	21.
30 MAY 2106	92	0.03	0.01	0.02	38.	*	31 MAY 1206	242	0.00	0.00	0.00	19.
30 MAY 2112	93	0.03	0.01	0.02	40.	*	31 MAY 1212	243	0.00	0.00	0.00	12.
30 MAY 2118	94	0.03	0.01	0.02	41.	*	31 MAY 1218	244	0.00	0.00	0.00	6.
30 MAY 2124	95	0.03	0.01	0.02	41.	*	31 MAY 1224	245	0.00	0.00	0.00	3.
30 MAY 2130	96	0.03	0.01	0.02	42.	*	31 MAY 1230	246	0.00	0.00	0.00	1.
30 MAY 2136	97	0.03	0.01	0.02	43.	*	31 MAY 1236	247	0.00	0.00	0.00	1.
30 MAY 2142	98	0.03	0.01	0.02	44.	*	31 MAY 1242	248	0.00	0.00	0.00	0.
30 MAY 2148	99	0.03	0.01	0.02	45.	*	31 MAY 1248	249	0.00	0.00	0.00	0.
30 MAY 2154	100	0.03	0.01	0.02	48.	*	31 MAY 1254	250	0.00	0.00	0.00	0.
30 MAY 2200	101	0.03	0.01	0.02	50.	*	31 MAY 1300	251	0.00	0.00	0.00	0.
30 MAY 2206	102	0.03	0.01	0.03	53.	*	31 MAY 1306	252	0.00	0.00	0.00	0.
30 MAY 2212	103	0.04	0.01	0.03	56.	*	31 MAY 1312	253	0.00	0.00	0.00	0.
30 MAY 2218	104	0.04	0.01	0.03	59.	*	31 MAY 1318	254	0.00	0.00	0.00	0.
30 MAY 2224	105	0.04	0.01	0.03	63.	*	31 MAY 1324	255	0.00	0.00	0.00	0.
30 MAY 2230	106	0.04	0.01	0.03	67.	*	31 MAY 1330	256	0.00	0.00	0.00	0.
30 MAY 2236	107	0.05	0.01	0.03	71.	*	31 MAY 1336	257	0.00	0.00	0.00	0.
30 MAY 2242	108	0.05	0.01	0.04	76.	*	31 MAY 1342	258	0.00	0.00	0.00	0.
30 MAY 2248	109	0.05	0.01	0.04	82.	*	31 MAY 1348	259	0.00	0.00	0.00	0.
30 MAY 2254	110	0.06	0.01	0.04	88.	*	31 MAY 1354	260	0.00	0.00	0.00	0.
30 MAY 2300	111	0.06	0.01	0.05	95.	*	31 MAY 1400	261	0.00	0.00	0.00	0.
30 MAY 2306	112	0.06	0.01	0.05	102.	*	31 MAY 1406	262	0.00	0.00	0.00	0.
30 MAY 2312	113	0.07	0.01	0.06	112.	*	31 MAY 1412	263	0.00	0.00	0.00	0.
30 MAY 2318	114	0.08	0.01	0.07	125.	*	31 MAY 1418	264	0.00	0.00	0.00	0.
30 MAY 2324	115	0.09	0.01	0.07	139.	*	31 MAY 1424	265	0.00	0.00	0.00	0.
30 MAY 2330	116	0.10	0.02	0.08	155.	*	31 MAY 1430	266	0.00	0.00	0.00	0.
30 MAY 2336	117	0.20	0.03	0.17	195.	*	31 MAY 1436	267	0.00	0.00	0.00	0.
30 MAY 2342	118	0.40	0.05	0.35	320.	*	31 MAY 1442	268	0.00	0.00	0.00	0.
30 MAY 2348	119	0.64	0.06	0.58	579.	*	31 MAY 1448	269	0.00	0.00	0.00	0.
30 MAY 2354	120	1.15	0.08	1.08	1034.	*	31 MAY 1454	270	0.00	0.00	0.00	0.
31 MAY 0000	121	0.80	0.04	0.76	1536.	*	31 MAY 1500	271	0.00	0.00	0.00	0.
31 MAY 0006	122	0.16	0.01	0.15	1570.	*	31 MAY 1506	272	0.00	0.00	0.00	0.
31 MAY 0012	123	0.14	0.01	0.13	1131.	*	31 MAY 1512	273	0.00	0.00	0.00	0.
31 MAY 0018	124	0.12	0.00	0.12	723.	*	31 MAY 1518	274	0.00	0.00	0.00	0.
31 MAY 0024	125	0.10	0.00	0.10	494.	*	31 MAY 1524	275	0.00	0.00	0.00	0.
31 MAY 0030	126	0.08	0.00	0.08	359.	*	31 MAY 1530	276	0.00	0.00	0.00	0.
31 MAY 0036	127	0.07	0.00	0.07	273.	*	31 MAY 1536	277	0.00	0.00	0.00	0.
31 MAY 0042	128	0.07	0.00	0.06	217.	*	31 MAY 1542	278	0.00	0.00	0.00	0.
31 MAY 0048	129	0.06	0.00	0.06	182.	*	31 MAY 1548	279	0.00	0.00	0.00	0.
31 MAY 0054	130	0.06	0.00	0.06	160.	*	31 MAY 1554	280	0.00	0.00	0.00	0.
31 MAY 0100	131	0.05	0.00	0.05	143.	*	31 MAY 1600	281	0.00	0.00	0.00	0.
31 MAY 0106	132	0.05	0.00	0.05	131.	*	31 MAY 1606	282	0.00	0.00	0.00	0.
31 MAY 0112	133	0.05	0.00	0.05	122.	*	31 MAY 1612	283	0.00	0.00	0.00	0.
31 MAY 0118	134	0.05	0.00	0.04	114.	*	31 MAY 1618	284	0.00	0.00	0.00	0.
31 MAY 0124	135	0.04	0.00	0.04	108.	*	31 MAY 1624	285	0.00	0.00	0.00	0.
31 MAY 0130	136	0.04	0.00	0.04	102.	*	31 MAY 1630	286	0.00	0.00	0.00	0.
31 MAY 0136	137	0.04	0.00	0.04	97.	*	31 MAY 1636	287	0.00	0.00	0.00	0.
31 MAY 0142	138	0.04	0.00	0.04	92.	*	31 MAY 1642	288	0.00	0.00	0.00	0.
31 MAY 0148	139	0.04	0.00	0.03	87.	*	31 MAY 1648	289	0.00	0.00	0.00	0.
31 MAY 0154	140	0.03	0.00	0.03	83.	*	31 MAY 1654	290	0.00	0.00	0.00	0.
31 MAY 0200	141	0.03	0.00	0.03	79.	*	31 MAY 1700	291	0.00	0.00	0.00	0.
31 MAY 0206	142	0.03	0.00	0.03	76.	*	31 MAY 1706	292	0.00	0.00	0.00	0.
31 MAY 0212	143	0.03	0.00	0.03	73.	*	31 MAY 1712	293	0.00	0.00	0.00	0.
31 MAY 0218	144	0.03	0.00	0.03	70.	*	31 MAY 1718	294	0.00	0.00	0.00	0.
31 MAY 0224	145	0.03	0.00	0.03	68.	*	31 MAY 1724	295	0.00	0.00	0.00	0.



31 MAY 0230	146	0.03	0.00	0.03	67.	*	31 MAY 1730	296	0.00	0.00	0.00	0.
31 MAY 0236	147	0.03	0.00	0.03	65.	*	31 MAY 1736	297	0.00	0.00	0.00	0.
31 MAY 0242	148	0.03	0.00	0.03	64.	*	31 MAY 1742	298	0.00	0.00	0.00	0.
31 MAY 0248	149	0.03	0.00	0.03	63.	*	31 MAY 1748	299	0.00	0.00	0.00	0.
31 MAY 0254	150	0.03	0.00	0.03	61.	*	31 MAY 1754	300	0.00	0.00	0.00	0.

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TOTAL RAINFALL = 8.42, TOTAL LOSS = 1.44, TOTAL EXCESS = 6.98

PEAK FLOW	TIME		6-HR	24-HR	72-HR	29.90-HR
+ (CFS)	(HR)	(CFS)				
+ 1570.	12.10		208.	67.	54.	54.
		(INCHES)	5.400	6.979	6.979	6.979
		(AC-FT)	103.	133.	133.	133.

CUMULATIVE AREA = 0.36 SQ MI

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HYDROGRAPH AT STATION Total  
PLAN 5, RATIO = 1.00

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DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	
30 MAY	1200	1	0.000	*	30 MAY	1930	76	20.712	*	31 MAY	0300	151	60.009	*	31 MAY	1030	226	22.594					
30 MAY	1206	2	0.000	*	30 MAY	1936	77	21.250	*	31 MAY	0306	152	58.693	*	31 MAY	1036	227	22.501					
30 MAY	1212	3	0.000	*	30 MAY	1942	78	21.790	*	31 MAY	0312	153	57.381	*	31 MAY	1042	228	22.406					
30 MAY	1218	4	0.000	*	30 MAY	1948	79	22.330	*	31 MAY	0318	154	56.065	*	31 MAY	1048	229	22.313					
30 MAY	1224	5	0.000	*	30 MAY	1954	80	22.871	*	31 MAY	0324	155	54.752	*	31 MAY	1054	230	22.217					
30 MAY	1230	6	0.000	*	30 MAY	2000	81	23.412	*	31 MAY	0330	156	53.434	*	31 MAY	1100	231	22.124					
30 MAY	1236	7	0.000	*	30 MAY	2006	82	24.008	*	31 MAY	0336	157	52.120	*	31 MAY	1106	232	22.029					
30 MAY	1242	8	0.000	*	30 MAY	2012	83	24.808	*	31 MAY	0342	158	50.800	*	31 MAY	1112	233	21.935					
30 MAY	1248	9	0.000	*	30 MAY	2018	84	25.893	*	31 MAY	0348	159	49.485	*	31 MAY	1118	234	21.840					
30 MAY	1254	10	0.000	*	30 MAY	2024	85	27.193	*	31 MAY	0354	160	48.164	*	31 MAY	1124	235	21.747					
30 MAY	1300	11	0.000	*	30 MAY	2030	86	28.618	*	31 MAY	0400	161	46.848	*	31 MAY	1130	236	21.652					
30 MAY	1306	12	0.000	*	30 MAY	2036	87	30.122	*	31 MAY	0406	162	45.571	*	31 MAY	1136	237	21.559					
30 MAY	1312	13	0.000	*	30 MAY	2042	88	31.683	*	31 MAY	0412	163	44.488	*	31 MAY	1142	238	21.463					
30 MAY	1318	14	0.000	*	30 MAY	2048	89	33.287	*	31 MAY	0418	164	43.664	*	31 MAY	1148	239	21.370					
30 MAY	1324	15	0.000	*	30 MAY	2054	90	34.930	*	31 MAY	0424	165	43.021	*	31 MAY	1154	240	21.275					
30 MAY	1330	16	0.000	*	30 MAY	2100	91	36.607	*	31 MAY	0430	166	42.465	*	31 MAY	1200	241	21.181					
30 MAY	1336	17	0.000	*	30 MAY	2106	92	38.240	*	31 MAY	0436	167	41.955	*	31 MAY	1206	242	18.573					
30 MAY	1342	18	0.000	*	30 MAY	2112	93	39.616	*	31 MAY	0442	168	41.465	*	31 MAY	1212	243	11.825					
30 MAY	1348	19	0.000	*	30 MAY	2118	94	40.619	*	31 MAY	0448	169	40.987	*	31 MAY	1218	244	5.903					
30 MAY	1354	20	0.000	*	30 MAY	2124	95	41.350	*	31 MAY	0454	170	40.512	*	31 MAY	1224	245	2.913					
30 MAY	1400	21	0.000	*	30 MAY	2130	96	41.937	*	31 MAY	0500	171	40.042	*	31 MAY	1230	246	1.417					
30 MAY	1406	22	0.000	*	30 MAY	2136	97	42.574	*	31 MAY	0506	172	39.571	*	31 MAY	1236	247	0.686					
30 MAY	1412	23	0.000	*	30 MAY	2142	98	43.649	*	31 MAY	0512	173	39.102	*	31 MAY	1242	248	0.329					
30 MAY	1418	24	0.000	*	30 MAY	2148	99	45.367	*	31 MAY	0518	174	38.630	*	31 MAY	1248	249	0.150					
30 MAY	1424	25	0.000	*	30 MAY	2154	100	47.564	*	31 MAY	0524	175	38.161	*	31 MAY	1254	250	0.062					
30 MAY	1430	26	0.000	*	30 MAY	2200	101	50.024	*	31 MAY	0530	176	37.689	*	31 MAY	1300	251	0.015					
30 MAY	1436	27	0.000	*	30 MAY	2206	102	52.707	*	31 MAY	0536	177	37.220	*	31 MAY	1306	252	0.000					

30 MAY 1442	28	0.000	*	30 MAY 2212	103	55.743	*	31 MAY 0542	178	36.748	*	31 MAY 1312	253	0.000
30 MAY 1448	29	0.000	*	30 MAY 2218	104	59.204	*	31 MAY 0548	179	36.278	*	31 MAY 1318	254	0.000
30 MAY 1454	30	0.010	*	30 MAY 2224	105	62.984	*	31 MAY 0554	180	35.806	*	31 MAY 1324	255	0.000
30 MAY 1500	31	0.079	*	30 MAY 2230	106	66.961	*	31 MAY 0600	181	35.336	*	31 MAY 1330	256	0.000
30 MAY 1506	32	0.267	*	30 MAY 2236	107	71.217	*	31 MAY 0606	182	34.864	*	31 MAY 1336	257	0.000
30 MAY 1512	33	0.555	*	30 MAY 2242	108	76.105	*	31 MAY 0612	183	34.394	*	31 MAY 1342	258	0.000
30 MAY 1518	34	0.898	*	30 MAY 2248	109	81.818	*	31 MAY 0618	184	33.921	*	31 MAY 1348	259	0.000
30 MAY 1524	35	1.267	*	30 MAY 2254	110	88.157	*	31 MAY 0624	185	33.450	*	31 MAY 1354	260	0.000
30 MAY 1530	36	1.649	*	30 MAY 2300	111	94.874	*	31 MAY 0630	186	32.977	*	31 MAY 1400	261	0.000
30 MAY 1536	37	2.037	*	30 MAY 2306	112	102.373	*	31 MAY 0636	187	32.506	*	31 MAY 1406	262	0.000
30 MAY 1542	38	2.428	*	30 MAY 2312	113	112.013	*	31 MAY 0642	188	32.033	*	31 MAY 1412	263	0.000
30 MAY 1548	39	2.820	*	30 MAY 2318	114	124.536	*	31 MAY 0648	189	31.562	*	31 MAY 1418	264	0.000
30 MAY 1554	40	3.212	*	30 MAY 2324	115	139.220	*	31 MAY 0654	190	31.088	*	31 MAY 1424	265	0.000
30 MAY 1600	41	3.604	*	30 MAY 2330	116	155.176	*	31 MAY 0700	191	30.616	*	31 MAY 1430	266	0.000
30 MAY 1606	42	3.995	*	30 MAY 2336	117	194.688	*	31 MAY 0706	192	30.143	*	31 MAY 1436	267	0.000
30 MAY 1612	43	4.395	*	30 MAY 2342	118	319.851	*	31 MAY 0712	193	29.671	*	31 MAY 1442	268	0.000
30 MAY 1618	44	4.809	*	30 MAY 2348	119	578.551	*	31 MAY 0718	194	29.197	*	31 MAY 1448	269	0.000
30 MAY 1624	45	5.234	*	30 MAY 2354	120	1033.601	*	31 MAY 0724	195	28.725	*	31 MAY 1454	270	0.000
30 MAY 1630	46	5.668	*	31 MAY 0000	121	1535.709	*	31 MAY 0730	196	28.251	*	31 MAY 1500	271	0.000
30 MAY 1636	47	6.109	*	31 MAY 0006	122	1570.094	*	31 MAY 0736	197	27.779	*	31 MAY 1506	272	0.000
30 MAY 1642	48	6.556	*	31 MAY 0012	123	1130.930	*	31 MAY 0742	198	27.305	*	31 MAY 1512	273	0.000
30 MAY 1648	49	7.009	*	31 MAY 0018	124	722.610	*	31 MAY 0748	199	26.832	*	31 MAY 1518	274	0.000
30 MAY 1654	50	7.468	*	31 MAY 0024	125	494.103	*	31 MAY 0754	200	26.358	*	31 MAY 1524	275	0.000
30 MAY 1700	51	7.933	*	31 MAY 0030	126	358.670	*	31 MAY 0800	201	25.886	*	31 MAY 1530	276	0.000
30 MAY 1706	52	8.402	*	31 MAY 0036	127	272.977	*	31 MAY 0806	202	25.434	*	31 MAY 1536	277	0.000
30 MAY 1712	53	8.877	*	31 MAY 0042	128	217.285	*	31 MAY 0812	203	25.068	*	31 MAY 1542	278	0.000
30 MAY 1718	54	9.356	*	31 MAY 0048	129	182.441	*	31 MAY 0818	204	24.813	*	31 MAY 1548	279	0.000
30 MAY 1724	55	9.840	*	31 MAY 0054	130	159.513	*	31 MAY 0824	205	24.641	*	31 MAY 1554	280	0.000
30 MAY 1730	56	10.328	*	31 MAY 0100	131	142.910	*	31 MAY 0830	206	24.506	*	31 MAY 1600	281	0.000
30 MAY 1736	57	10.820	*	31 MAY 0106	132	130.868	*	31 MAY 0836	207	24.395	*	31 MAY 1606	282	0.000
30 MAY 1742	58	11.316	*	31 MAY 0112	133	121.623	*	31 MAY 0842	208	24.291	*	31 MAY 1612	283	0.000
30 MAY 1748	59	11.816	*	31 MAY 0118	134	114.138	*	31 MAY 0848	209	24.194	*	31 MAY 1618	284	0.000
30 MAY 1754	60	12.319	*	31 MAY 0124	135	107.806	*	31 MAY 0854	210	24.097	*	31 MAY 1624	285	0.000
30 MAY 1800	61	12.825	*	31 MAY 0130	136	102.051	*	31 MAY 0900	211	24.004	*	31 MAY 1630	286	0.000
30 MAY 1806	62	13.335	*	31 MAY 0136	137	96.668	*	31 MAY 0906	212	23.909	*	31 MAY 1636	287	0.000
30 MAY 1812	63	13.848	*	31 MAY 0142	138	91.737	*	31 MAY 0912	213	23.817	*	31 MAY 1642	288	0.000
30 MAY 1818	64	14.363	*	31 MAY 0148	139	87.310	*	31 MAY 0918	214	23.722	*	31 MAY 1648	289	0.000
30 MAY 1824	65	14.881	*	31 MAY 0154	140	83.227	*	31 MAY 0924	215	23.629	*	31 MAY 1654	290	0.000
30 MAY 1830	66	15.402	*	31 MAY 0200	141	79.315	*	31 MAY 0930	216	23.534	*	31 MAY 1700	291	0.000
30 MAY 1836	67	15.925	*	31 MAY 0206	142	75.644	*	31 MAY 0936	217	23.441	*	31 MAY 1706	292	0.000
30 MAY 1842	68	16.450	*	31 MAY 0212	143	72.545	*	31 MAY 0942	218	23.346	*	31 MAY 1712	293	0.000
30 MAY 1848	69	16.977	*	31 MAY 0218	144	70.181	*	31 MAY 0948	219	23.253	*	31 MAY 1718	294	0.000
30 MAY 1854	70	17.506	*	31 MAY 0224	145	68.352	*	31 MAY 0954	220	23.158	*	31 MAY 1724	295	0.000
30 MAY 1900	71	18.037	*	31 MAY 0230	146	66.785	*	31 MAY 1000	221	23.065	*	31 MAY 1730	296	0.000
30 MAY 1906	72	18.569	*	31 MAY 0236	147	65.355	*	31 MAY 1006	222	22.970	*	31 MAY 1736	297	0.000
30 MAY 1912	73	19.103	*	31 MAY 0242	148	63.984	*	31 MAY 1012	223	22.877	*	31 MAY 1742	298	0.000
30 MAY 1918	74	19.638	*	31 MAY 0248	149	62.649	*	31 MAY 1018	224	22.782	*	31 MAY 1748	299	0.000
30 MAY 1924	75	20.174	*	31 MAY 0254	150	61.323	*	31 MAY 1024	225	22.689	*	31 MAY 1754	300	0.000
			*				*				*			

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PEAK FLOW (CFS)	TIME (HR)	MAXIMUM AVERAGE FLOW				
		6-HR	24-HR	72-HR	29.90-HR	
+ 1570.	12.10	208.	67.	54.	54.	
		(INCHES)	5.400	6.979	6.979	6.979

(AC-FT) 103. 133. 133. 133.

CUMULATIVE AREA = 0.36 SQ MI

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46 KP PLAN 6 FOR STATION Total

SUBBASIN RUNOFF DATA

35 BA SUBBASIN CHARACTERISTICS

TAREA 0.36 SUBBASIN AREA

PRECIPITATION DATA

47 PB STORM 9.42 BASIN TOTAL PRECIPITATION

10 PI INCREMENTAL PRECIPITATION PATTERN

0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.05	0.08	0.14	0.10
0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

36 LS SCS LOSS RATE  
 STRL 0.27 INITIAL ABSTRACTION  
 CRVNBR 88.00 CURVE NUMBER  
 RTIMP 0.00 PERCENT IMPERVIOUS AREA

37 UD SCS DIMENSIONLESS UNITGRAPH  
 TLAG 0.18 LAG

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WARNING \*\*\* TIME INTERVAL IS GREATER THAN .29\*LAG

UNIT HYDROGRAPH  
11 END-OF-PERIOD ORDINATES

277.      736.      649.      328.      164.      80.      39.      20.      10.      5.  
2.

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HYDROGRAPH AT STATION      Total

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DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q	*	DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q
30	MAY	1200	1	0.00	0.00	0.00	0.	*	31	MAY	0300	151	0.03	0.00	0.03	67.
30	MAY	1206	2	0.01	0.01	0.00	0.	*	31	MAY	0306	152	0.03	0.00	0.03	66.
30	MAY	1212	3	0.01	0.01	0.00	0.	*	31	MAY	0312	153	0.03	0.00	0.03	65.
30	MAY	1218	4	0.01	0.01	0.00	0.	*	31	MAY	0318	154	0.03	0.00	0.03	63.
30	MAY	1224	5	0.01	0.01	0.00	0.	*	31	MAY	0324	155	0.03	0.00	0.03	62.
30	MAY	1230	6	0.01	0.01	0.00	0.	*	31	MAY	0330	156	0.03	0.00	0.02	60.
30	MAY	1236	7	0.01	0.01	0.00	0.	*	31	MAY	0336	157	0.02	0.00	0.02	59.
30	MAY	1242	8	0.01	0.01	0.00	0.	*	31	MAY	0342	158	0.02	0.00	0.02	57.
30	MAY	1248	9	0.01	0.01	0.00	0.	*	31	MAY	0348	159	0.02	0.00	0.02	56.
30	MAY	1254	10	0.01	0.01	0.00	0.	*	31	MAY	0354	160	0.02	0.00	0.02	54.
30	MAY	1300	11	0.01	0.01	0.00	0.	*	31	MAY	0400	161	0.02	0.00	0.02	53.
30	MAY	1306	12	0.01	0.01	0.00	0.	*	31	MAY	0406	162	0.02	0.00	0.02	51.
30	MAY	1312	13	0.01	0.01	0.00	0.	*	31	MAY	0412	163	0.02	0.00	0.02	50.
30	MAY	1318	14	0.01	0.01	0.00	0.	*	31	MAY	0418	164	0.02	0.00	0.02	49.
30	MAY	1324	15	0.01	0.01	0.00	0.	*	31	MAY	0424	165	0.02	0.00	0.02	48.
30	MAY	1330	16	0.01	0.01	0.00	0.	*	31	MAY	0430	166	0.02	0.00	0.02	48.
30	MAY	1336	17	0.01	0.01	0.00	0.	*	31	MAY	0436	167	0.02	0.00	0.02	47.
30	MAY	1342	18	0.01	0.01	0.00	0.	*	31	MAY	0442	168	0.02	0.00	0.02	47.
30	MAY	1348	19	0.01	0.01	0.00	0.	*	31	MAY	0448	169	0.02	0.00	0.02	46.
30	MAY	1354	20	0.01	0.01	0.00	0.	*	31	MAY	0454	170	0.02	0.00	0.02	46.
30	MAY	1400	21	0.01	0.01	0.00	0.	*	31	MAY	0500	171	0.02	0.00	0.02	45.
30	MAY	1406	22	0.01	0.01	0.00	0.	*	31	MAY	0506	172	0.02	0.00	0.02	44.
30	MAY	1412	23	0.01	0.01	0.00	0.	*	31	MAY	0512	173	0.02	0.00	0.02	44.
30	MAY	1418	24	0.01	0.01	0.00	0.	*	31	MAY	0518	174	0.02	0.00	0.02	43.
30	MAY	1424	25	0.01	0.01	0.00	0.	*	31	MAY	0524	175	0.02	0.00	0.02	43.
30	MAY	1430	26	0.01	0.01	0.00	0.	*	31	MAY	0530	176	0.02	0.00	0.02	42.
30	MAY	1436	27	0.01	0.01	0.00	0.	*	31	MAY	0536	177	0.02	0.00	0.02	42.
30	MAY	1442	28	0.01	0.01	0.00	0.	*	31	MAY	0542	178	0.02	0.00	0.02	41.
30	MAY	1448	29	0.01	0.01	0.00	0.	*	31	MAY	0548	179	0.02	0.00	0.02	41.
30	MAY	1454	30	0.01	0.01	0.00	1.	*	31	MAY	0554	180	0.02	0.00	0.02	40.
30	MAY	1500	31	0.01	0.01	0.00	1.	*	31	MAY	0600	181	0.02	0.00	0.02	40.
30	MAY	1506	32	0.01	0.01	0.00	1.	*	31	MAY	0606	182	0.02	0.00	0.02	39.
30	MAY	1512	33	0.01	0.01	0.00	2.	*	31	MAY	0612	183	0.02	0.00	0.02	39.
30	MAY	1518	34	0.01	0.01	0.00	2.	*	31	MAY	0618	184	0.02	0.00	0.02	38.
30	MAY	1524	35	0.01	0.01	0.00	3.	*	31	MAY	0624	185	0.02	0.00	0.02	38.
30	MAY	1530	36	0.01	0.01	0.00	3.	*	31	MAY	0630	186	0.02	0.00	0.02	37.
30	MAY	1536	37	0.01	0.01	0.00	4.	*	31	MAY	0636	187	0.02	0.00	0.02	37.
30	MAY	1542	38	0.01	0.01	0.00	4.	*	31	MAY	0642	188	0.02	0.00	0.02	36.
30	MAY	1548	39	0.01	0.01	0.00	5.	*	31	MAY	0648	189	0.02	0.00	0.01	35.
30	MAY	1554	40	0.01	0.01	0.00	5.	*	31	MAY	0654	190	0.01	0.00	0.01	35.
30	MAY	1600	41	0.01	0.01	0.00	6.	*	31	MAY	0700	191	0.01	0.00	0.01	34.
30	MAY	1606	42	0.01	0.01	0.00	6.	*	31	MAY	0706	192	0.01	0.00	0.01	34.
30	MAY	1612	43	0.01	0.01	0.00	6.	*	31	MAY	0712	193	0.01	0.00	0.01	33.
30	MAY	1618	44	0.01	0.01	0.00	7.	*	31	MAY	0718	194	0.01	0.00	0.01	33.

30 MAY 1624	45	0.01	0.01	0.00	7.	*	31 MAY 0724	195	0.01	0.00	0.01	32.
30 MAY 1630	46	0.01	0.01	0.00	8.	*	31 MAY 0730	196	0.01	0.00	0.01	32.
30 MAY 1636	47	0.01	0.01	0.00	8.	*	31 MAY 0736	197	0.01	0.00	0.01	31.
30 MAY 1642	48	0.01	0.01	0.00	9.	*	31 MAY 0742	198	0.01	0.00	0.01	31.
30 MAY 1648	49	0.01	0.01	0.00	10.	*	31 MAY 0748	199	0.01	0.00	0.01	30.
30 MAY 1654	50	0.01	0.01	0.00	10.	*	31 MAY 0754	200	0.01	0.00	0.01	30.
30 MAY 1700	51	0.01	0.01	0.01	11.	*	31 MAY 0800	201	0.01	0.00	0.01	29.
30 MAY 1706	52	0.02	0.01	0.01	11.	*	31 MAY 0806	202	0.01	0.00	0.01	29.
30 MAY 1712	53	0.02	0.01	0.01	12.	*	31 MAY 0812	203	0.01	0.00	0.01	28.
30 MAY 1718	54	0.02	0.01	0.01	12.	*	31 MAY 0818	204	0.01	0.00	0.01	28.
30 MAY 1724	55	0.02	0.01	0.01	13.	*	31 MAY 0824	205	0.01	0.00	0.01	28.
30 MAY 1730	56	0.02	0.01	0.01	13.	*	31 MAY 0830	206	0.01	0.00	0.01	28.
30 MAY 1736	57	0.02	0.01	0.01	14.	*	31 MAY 0836	207	0.01	0.00	0.01	27.
30 MAY 1742	58	0.02	0.01	0.01	15.	*	31 MAY 0842	208	0.01	0.00	0.01	27.
30 MAY 1748	59	0.02	0.01	0.01	15.	*	31 MAY 0848	209	0.01	0.00	0.01	27.
30 MAY 1754	60	0.02	0.01	0.01	16.	*	31 MAY 0854	210	0.01	0.00	0.01	27.
30 MAY 1800	61	0.02	0.01	0.01	16.	*	31 MAY 0900	211	0.01	0.00	0.01	27.
30 MAY 1806	62	0.02	0.01	0.01	17.	*	31 MAY 0906	212	0.01	0.00	0.01	27.
30 MAY 1812	63	0.02	0.01	0.01	17.	*	31 MAY 0912	213	0.01	0.00	0.01	27.
30 MAY 1818	64	0.02	0.01	0.01	18.	*	31 MAY 0918	214	0.01	0.00	0.01	27.
30 MAY 1824	65	0.02	0.01	0.01	19.	*	31 MAY 0924	215	0.01	0.00	0.01	27.
30 MAY 1830	66	0.02	0.01	0.01	19.	*	31 MAY 0930	216	0.01	0.00	0.01	26.
30 MAY 1836	67	0.02	0.01	0.01	20.	*	31 MAY 0936	217	0.01	0.00	0.01	26.
30 MAY 1842	68	0.02	0.01	0.01	20.	*	31 MAY 0942	218	0.01	0.00	0.01	26.
30 MAY 1848	69	0.02	0.01	0.01	21.	*	31 MAY 0948	219	0.01	0.00	0.01	26.
30 MAY 1854	70	0.02	0.01	0.01	22.	*	31 MAY 0954	220	0.01	0.00	0.01	26.
30 MAY 1900	71	0.02	0.01	0.01	22.	*	31 MAY 1000	221	0.01	0.00	0.01	26.
30 MAY 1906	72	0.02	0.01	0.01	23.	*	31 MAY 1006	222	0.01	0.00	0.01	26.
30 MAY 1912	73	0.02	0.01	0.01	23.	*	31 MAY 1012	223	0.01	0.00	0.01	26.
30 MAY 1918	74	0.02	0.01	0.01	24.	*	31 MAY 1018	224	0.01	0.00	0.01	26.
30 MAY 1924	75	0.02	0.01	0.01	25.	*	31 MAY 1024	225	0.01	0.00	0.01	25.
30 MAY 1930	76	0.02	0.01	0.01	25.	*	31 MAY 1030	226	0.01	0.00	0.01	25.
30 MAY 1936	77	0.02	0.01	0.01	26.	*	31 MAY 1036	227	0.01	0.00	0.01	25.
30 MAY 1942	78	0.02	0.01	0.01	26.	*	31 MAY 1042	228	0.01	0.00	0.01	25.
30 MAY 1948	79	0.02	0.01	0.01	27.	*	31 MAY 1048	229	0.01	0.00	0.01	25.
30 MAY 1954	80	0.02	0.01	0.01	28.	*	31 MAY 1054	230	0.01	0.00	0.01	25.
30 MAY 2000	81	0.02	0.01	0.01	28.	*	31 MAY 1100	231	0.01	0.00	0.01	25.
30 MAY 2006	82	0.02	0.01	0.01	29.	*	31 MAY 1106	232	0.01	0.00	0.01	25.
30 MAY 2012	83	0.02	0.01	0.01	30.	*	31 MAY 1112	233	0.01	0.00	0.01	25.
30 MAY 2018	84	0.02	0.01	0.01	31.	*	31 MAY 1118	234	0.01	0.00	0.01	25.
30 MAY 2024	85	0.02	0.01	0.02	33.	*	31 MAY 1124	235	0.01	0.00	0.01	24.
30 MAY 2030	86	0.02	0.01	0.02	34.	*	31 MAY 1130	236	0.01	0.00	0.01	24.
30 MAY 2036	87	0.03	0.01	0.02	36.	*	31 MAY 1136	237	0.01	0.00	0.01	24.
30 MAY 2042	88	0.03	0.01	0.02	38.	*	31 MAY 1142	238	0.01	0.00	0.01	24.
30 MAY 2048	89	0.03	0.01	0.02	40.	*	31 MAY 1148	239	0.01	0.00	0.01	24.
30 MAY 2054	90	0.03	0.01	0.02	42.	*	31 MAY 1154	240	0.01	0.00	0.01	24.
30 MAY 2100	91	0.03	0.01	0.02	44.	*	31 MAY 1200	241	0.01	0.00	0.01	24.
30 MAY 2106	92	0.03	0.01	0.02	45.	*	31 MAY 1206	242	0.00	0.00	0.00	21.
30 MAY 2112	93	0.03	0.01	0.02	47.	*	31 MAY 1212	243	0.00	0.00	0.00	13.
30 MAY 2118	94	0.03	0.01	0.02	48.	*	31 MAY 1218	244	0.00	0.00	0.00	7.
30 MAY 2124	95	0.03	0.01	0.02	49.	*	31 MAY 1224	245	0.00	0.00	0.00	3.
30 MAY 2130	96	0.03	0.01	0.02	50.	*	31 MAY 1230	246	0.00	0.00	0.00	2.
30 MAY 2136	97	0.03	0.01	0.02	50.	*	31 MAY 1236	247	0.00	0.00	0.00	1.
30 MAY 2142	98	0.03	0.01	0.02	51.	*	31 MAY 1242	248	0.00	0.00	0.00	0.
30 MAY 2148	99	0.03	0.01	0.03	53.	*	31 MAY 1248	249	0.00	0.00	0.00	0.
30 MAY 2154	100	0.04	0.01	0.03	56.	*	31 MAY 1254	250	0.00	0.00	0.00	0.
30 MAY 2200	101	0.04	0.01	0.03	59.	*	31 MAY 1300	251	0.00	0.00	0.00	0.

30 MAY 2206	102	0.04	0.01	0.03	62.	*	31 MAY 1306	252	0.00	0.00	0.00	0.
30 MAY 2212	103	0.04	0.01	0.03	65.	*	31 MAY 1312	253	0.00	0.00	0.00	0.
30 MAY 2218	104	0.04	0.01	0.03	69.	*	31 MAY 1318	254	0.00	0.00	0.00	0.
30 MAY 2224	105	0.05	0.01	0.04	74.	*	31 MAY 1324	255	0.00	0.00	0.00	0.
30 MAY 2230	106	0.05	0.01	0.04	78.	*	31 MAY 1330	256	0.00	0.00	0.00	0.
30 MAY 2236	107	0.05	0.01	0.04	83.	*	31 MAY 1336	257	0.00	0.00	0.00	0.
30 MAY 2242	108	0.05	0.01	0.04	89.	*	31 MAY 1342	258	0.00	0.00	0.00	0.
30 MAY 2248	109	0.06	0.01	0.05	95.	*	31 MAY 1348	259	0.00	0.00	0.00	0.
30 MAY 2254	110	0.06	0.01	0.05	102.	*	31 MAY 1354	260	0.00	0.00	0.00	0.
30 MAY 2300	111	0.07	0.01	0.05	110.	*	31 MAY 1400	261	0.00	0.00	0.00	0.
30 MAY 2306	112	0.07	0.01	0.06	119.	*	31 MAY 1406	262	0.00	0.00	0.00	0.
30 MAY 2312	113	0.08	0.01	0.07	130.	*	31 MAY 1412	263	0.00	0.00	0.00	0.
30 MAY 2318	114	0.09	0.01	0.08	144.	*	31 MAY 1418	264	0.00	0.00	0.00	0.
30 MAY 2324	115	0.10	0.01	0.09	161.	*	31 MAY 1424	265	0.00	0.00	0.00	0.
30 MAY 2330	116	0.11	0.01	0.09	179.	*	31 MAY 1430	266	0.00	0.00	0.00	0.
30 MAY 2336	117	0.22	0.03	0.20	224.	*	31 MAY 1436	267	0.00	0.00	0.00	0.
30 MAY 2342	118	0.45	0.05	0.40	367.	*	31 MAY 1442	268	0.00	0.00	0.00	0.
30 MAY 2348	119	0.72	0.06	0.66	661.	*	31 MAY 1448	269	0.00	0.00	0.00	0.
30 MAY 2354	120	1.29	0.07	1.22	1176.	*	31 MAY 1454	270	0.00	0.00	0.00	0.
31 MAY 0000	121	0.90	0.04	0.86	1742.	*	31 MAY 1500	271	0.00	0.00	0.00	0.
31 MAY 0006	122	0.18	0.01	0.17	1777.	*	31 MAY 1506	272	0.00	0.00	0.00	0.
31 MAY 0012	123	0.16	0.01	0.15	1279.	*	31 MAY 1512	273	0.00	0.00	0.00	0.
31 MAY 0018	124	0.14	0.00	0.13	816.	*	31 MAY 1518	274	0.00	0.00	0.00	0.
31 MAY 0024	125	0.11	0.00	0.11	558.	*	31 MAY 1524	275	0.00	0.00	0.00	0.
31 MAY 0030	126	0.09	0.00	0.09	405.	*	31 MAY 1530	276	0.00	0.00	0.00	0.
31 MAY 0036	127	0.08	0.00	0.08	308.	*	31 MAY 1536	277	0.00	0.00	0.00	0.
31 MAY 0042	128	0.07	0.00	0.07	245.	*	31 MAY 1542	278	0.00	0.00	0.00	0.
31 MAY 0048	129	0.07	0.00	0.07	205.	*	31 MAY 1548	279	0.00	0.00	0.00	0.
31 MAY 0054	130	0.06	0.00	0.06	180.	*	31 MAY 1554	280	0.00	0.00	0.00	0.
31 MAY 0100	131	0.06	0.00	0.06	161.	*	31 MAY 1600	281	0.00	0.00	0.00	0.
31 MAY 0106	132	0.06	0.00	0.05	147.	*	31 MAY 1606	282	0.00	0.00	0.00	0.
31 MAY 0112	133	0.05	0.00	0.05	137.	*	31 MAY 1612	283	0.00	0.00	0.00	0.
31 MAY 0118	134	0.05	0.00	0.05	128.	*	31 MAY 1618	284	0.00	0.00	0.00	0.
31 MAY 0124	135	0.05	0.00	0.05	121.	*	31 MAY 1624	285	0.00	0.00	0.00	0.
31 MAY 0130	136	0.05	0.00	0.04	115.	*	31 MAY 1630	286	0.00	0.00	0.00	0.
31 MAY 0136	137	0.04	0.00	0.04	109.	*	31 MAY 1636	287	0.00	0.00	0.00	0.
31 MAY 0142	138	0.04	0.00	0.04	103.	*	31 MAY 1642	288	0.00	0.00	0.00	0.
31 MAY 0148	139	0.04	0.00	0.04	98.	*	31 MAY 1648	289	0.00	0.00	0.00	0.
31 MAY 0154	140	0.04	0.00	0.04	94.	*	31 MAY 1654	290	0.00	0.00	0.00	0.
31 MAY 0200	141	0.04	0.00	0.03	89.	*	31 MAY 1700	291	0.00	0.00	0.00	0.
31 MAY 0206	142	0.03	0.00	0.03	85.	*	31 MAY 1706	292	0.00	0.00	0.00	0.
31 MAY 0212	143	0.03	0.00	0.03	82.	*	31 MAY 1712	293	0.00	0.00	0.00	0.
31 MAY 0218	144	0.03	0.00	0.03	79.	*	31 MAY 1718	294	0.00	0.00	0.00	0.
31 MAY 0224	145	0.03	0.00	0.03	77.	*	31 MAY 1724	295	0.00	0.00	0.00	0.
31 MAY 0230	146	0.03	0.00	0.03	75.	*	31 MAY 1730	296	0.00	0.00	0.00	0.
31 MAY 0236	147	0.03	0.00	0.03	73.	*	31 MAY 1736	297	0.00	0.00	0.00	0.
31 MAY 0242	148	0.03	0.00	0.03	72.	*	31 MAY 1742	298	0.00	0.00	0.00	0.
31 MAY 0248	149	0.03	0.00	0.03	70.	*	31 MAY 1748	299	0.00	0.00	0.00	0.
31 MAY 0254	150	0.03	0.00	0.03	69.	*	31 MAY 1754	300	0.00	0.00	0.00	0.

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TOTAL RAINFALL = 9.42, TOTAL LOSS = 1.46, TOTAL EXCESS = 7.96

PEAK FLOW + (CFS)	TIME (HR)	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	29.90-HR

(CFS)  
 + 1777. 12.10 236. 77. 61. 61.  
 (INCHES) 6.129 7.961 7.961 7.961  
 (AC-FT) 117. 152. 152. 152.

CUMULATIVE AREA = 0.36 SQ MI

HYDROGRAPH AT STATION Total  
 PLAN 6, RATIO = 1.00

DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW
30	MAY	1200	1	0.000	*	30	MAY	1930	76	25.270	*	31	MAY	0300	151	67.474	*	31	MAY	1030	226	25.376
30	MAY	1206	2	0.000	*	30	MAY	1936	77	25.877	*	31	MAY	0306	152	65.992	*	31	MAY	1036	227	25.271
30	MAY	1212	3	0.000	*	30	MAY	1942	78	26.484	*	31	MAY	0312	153	64.516	*	31	MAY	1042	228	25.164
30	MAY	1218	4	0.000	*	30	MAY	1948	79	27.092	*	31	MAY	0318	154	63.034	*	31	MAY	1048	229	25.060
30	MAY	1224	5	0.000	*	30	MAY	1954	80	27.700	*	31	MAY	0324	155	61.557	*	31	MAY	1054	230	24.953
30	MAY	1230	6	0.000	*	30	MAY	2000	81	28.307	*	31	MAY	0330	156	60.073	*	31	MAY	1100	231	24.848
30	MAY	1236	7	0.000	*	30	MAY	2006	82	28.981	*	31	MAY	0336	157	58.594	*	31	MAY	1106	232	24.740
30	MAY	1242	8	0.000	*	30	MAY	2012	83	29.898	*	31	MAY	0342	158	57.109	*	31	MAY	1112	233	24.636
30	MAY	1248	9	0.000	*	30	MAY	2018	84	31.156	*	31	MAY	0348	159	55.629	*	31	MAY	1118	234	24.528
30	MAY	1254	10	0.000	*	30	MAY	2024	85	32.668	*	31	MAY	0354	160	54.143	*	31	MAY	1124	235	24.423
30	MAY	1300	11	0.000	*	30	MAY	2030	86	34.326	*	31	MAY	0400	161	52.662	*	31	MAY	1130	236	24.316
30	MAY	1306	12	0.000	*	30	MAY	2036	87	36.074	*	31	MAY	0406	162	51.227	*	31	MAY	1136	237	24.212
30	MAY	1312	13	0.000	*	30	MAY	2042	88	37.884	*	31	MAY	0412	163	50.008	*	31	MAY	1142	238	24.105
30	MAY	1318	14	0.000	*	30	MAY	2048	89	39.741	*	31	MAY	0418	164	49.081	*	31	MAY	1148	239	24.000
30	MAY	1324	15	0.000	*	30	MAY	2054	90	41.639	*	31	MAY	0424	165	48.356	*	31	MAY	1154	240	23.892
30	MAY	1330	16	0.000	*	30	MAY	2100	91	43.573	*	31	MAY	0430	166	47.730	*	31	MAY	1200	241	23.788
30	MAY	1336	17	0.000	*	30	MAY	2106	92	45.448	*	31	MAY	0436	167	47.157	*	31	MAY	1206	242	20.858
30	MAY	1342	18	0.000	*	30	MAY	2112	93	47.016	*	31	MAY	0442	168	46.604	*	31	MAY	1212	243	13.279
30	MAY	1348	19	0.000	*	30	MAY	2118	94	48.138	*	31	MAY	0448	169	46.066	*	31	MAY	1218	244	6.630
30	MAY	1354	20	0.000	*	30	MAY	2124	95	48.937	*	31	MAY	0454	170	45.532	*	31	MAY	1224	245	3.272
30	MAY	1400	21	0.000	*	30	MAY	2130	96	49.565	*	31	MAY	0500	171	45.003	*	31	MAY	1230	246	1.591
30	MAY	1406	22	0.000	*	30	MAY	2136	97	50.254	*	31	MAY	0506	172	44.472	*	31	MAY	1236	247	0.771
30	MAY	1412	23	0.000	*	30	MAY	2142	98	51.457	*	31	MAY	0512	173	43.944	*	31	MAY	1242	248	0.369
30	MAY	1418	24	0.000	*	30	MAY	2148	99	53.416	*	31	MAY	0518	174	43.414	*	31	MAY	1248	249	0.168
30	MAY	1424	25	0.000	*	30	MAY	2154	100	55.932	*	31	MAY	0524	175	42.886	*	31	MAY	1254	250	0.070
30	MAY	1430	26	0.000	*	30	MAY	2200	101	58.753	*	31	MAY	0530	176	42.356	*	31	MAY	1300	251	0.017
30	MAY	1436	27	0.003	*	30	MAY	2206	102	61.829	*	31	MAY	0536	177	41.827	*	31	MAY	1306	252	0.000
30	MAY	1442	28	0.057	*	30	MAY	2212	103	65.310	*	31	MAY	0542	178	41.296	*	31	MAY	1312	253	0.000
30	MAY	1448	29	0.240	*	30	MAY	2218	104	69.280	*	31	MAY	0548	179	40.767	*	31	MAY	1318	254	0.000
30	MAY	1454	30	0.555	*	30	MAY	2224	105	73.612	*	31	MAY	0554	180	40.236	*	31	MAY	1324	255	0.000
30	MAY	1500	31	0.950	*	30	MAY	2230	106	78.164	*	31	MAY	0600	181	39.708	*	31	MAY	1330	256	0.000
30	MAY	1506	32	1.383	*	30	MAY	2236	107	83.029	*	31	MAY	0606	182	39.177	*	31	MAY	1336	257	0.000
30	MAY	1512	33	1.836	*	30	MAY	2242	108	88.616	*	31	MAY	0612	183	38.647	*	31	MAY	1342	258	0.000
30	MAY	1518	34	2.296	*	30	MAY	2248	109	95.149	*	31	MAY	0618	184	38.115	*	31	MAY	1348	259	0.000
30	MAY	1524	35	2.760	*	30	MAY	2254	110	102.389	*	31	MAY	0624	185	37.586	*	31	MAY	1354	260	0.000
30	MAY	1530	36	3.224	*	30	MAY	2300	111	110.050	*	31	MAY	0630	186	37.054	*	31	MAY	1400	261	0.000
30	MAY	1536	37	3.689	*	30	MAY	2306	112	118.595	*	31	MAY	0636	187	36.524	*	31	MAY	1406	262	0.000
30	MAY	1542	38	4.153	*	30	MAY	2312	113	129.589	*	31	MAY	0642	188	35.992	*	31	MAY	1412	263	0.000
30	MAY	1548	39	4.615	*	30	MAY	2318	114	143.879	*	31	MAY	0648	189	35.462	*	31	MAY	1418	264	0.000
30	MAY	1554	40	5.075	*	30	MAY	2324	115	160.619	*	31	MAY	0654	190	34.929	*	31	MAY	1424	265	0.000

30 MAY 1600	41	5.535	*	30 MAY 2330	116	178.774	*	31 MAY 0700	191	34.399	*	31 MAY 1430	266	0.000
30 MAY 1606	42	5.992	*	30 MAY 2336	117	223.871	*	31 MAY 0706	192	33.866	*	31 MAY 1436	267	0.000
30 MAY 1612	43	6.461	*	30 MAY 2342	118	366.755	*	31 MAY 0712	193	33.336	*	31 MAY 1442	268	0.000
30 MAY 1618	44	6.950	*	30 MAY 2348	119	661.110	*	31 MAY 0718	194	32.804	*	31 MAY 1448	269	0.000
30 MAY 1624	45	7.452	*	30 MAY 2354	120	1176.123	*	31 MAY 0724	195	32.273	*	31 MAY 1454	270	0.000
30 MAY 1630	46	7.964	*	31 MAY 0000	121	1741.596	*	31 MAY 0730	196	31.740	*	31 MAY 1500	271	0.000
30 MAY 1636	47	8.483	*	31 MAY 0006	122	1777.025	*	31 MAY 0736	197	31.209	*	31 MAY 1506	272	0.000
30 MAY 1642	48	9.010	*	31 MAY 0012	123	1278.583	*	31 MAY 0742	198	30.676	*	31 MAY 1512	273	0.000
30 MAY 1648	49	9.542	*	31 MAY 0018	124	816.330	*	31 MAY 0748	199	30.145	*	31 MAY 1518	274	0.000
30 MAY 1654	50	10.081	*	31 MAY 0024	125	557.729	*	31 MAY 0754	200	29.612	*	31 MAY 1524	275	0.000
30 MAY 1700	51	10.624	*	31 MAY 0030	126	404.555	*	31 MAY 0800	201	29.081	*	31 MAY 1530	276	0.000
30 MAY 1706	52	11.173	*	31 MAY 0036	127	307.712	*	31 MAY 0806	202	28.573	*	31 MAY 1536	277	0.000
30 MAY 1712	53	11.726	*	31 MAY 0042	128	244.812	*	31 MAY 0812	203	28.161	*	31 MAY 1542	278	0.000
30 MAY 1718	54	12.284	*	31 MAY 0048	129	205.472	*	31 MAY 0818	204	27.874	*	31 MAY 1548	279	0.000
30 MAY 1724	55	12.846	*	31 MAY 0054	130	179.593	*	31 MAY 0824	205	27.681	*	31 MAY 1554	280	0.000
30 MAY 1730	56	13.413	*	31 MAY 0100	131	160.867	*	31 MAY 0830	206	27.530	*	31 MAY 1600	281	0.000
30 MAY 1736	57	13.982	*	31 MAY 0106	132	147.294	*	31 MAY 0836	207	27.404	*	31 MAY 1606	282	0.000
30 MAY 1742	58	14.556	*	31 MAY 0112	133	136.876	*	31 MAY 0842	208	27.286	*	31 MAY 1612	283	0.000
30 MAY 1748	59	15.133	*	31 MAY 0118	134	128.442	*	31 MAY 0848	209	27.177	*	31 MAY 1618	284	0.000
30 MAY 1754	60	15.713	*	31 MAY 0124	135	121.307	*	31 MAY 0854	210	27.069	*	31 MAY 1624	285	0.000
30 MAY 1800	61	16.295	*	31 MAY 0130	136	114.824	*	31 MAY 0900	211	26.964	*	31 MAY 1630	286	0.000
30 MAY 1806	62	16.881	*	31 MAY 0136	137	108.759	*	31 MAY 0906	212	26.857	*	31 MAY 1636	287	0.000
30 MAY 1812	63	17.469	*	31 MAY 0142	138	103.205	*	31 MAY 0912	213	26.753	*	31 MAY 1642	288	0.000
30 MAY 1818	64	18.060	*	31 MAY 0148	139	98.220	*	31 MAY 0918	214	26.645	*	31 MAY 1648	289	0.000
30 MAY 1824	65	18.652	*	31 MAY 0154	140	93.621	*	31 MAY 0924	215	26.541	*	31 MAY 1654	290	0.000
30 MAY 1830	66	19.247	*	31 MAY 0200	141	89.216	*	31 MAY 0930	216	26.434	*	31 MAY 1700	291	0.000
30 MAY 1836	67	19.843	*	31 MAY 0206	142	85.083	*	31 MAY 0936	217	26.329	*	31 MAY 1706	292	0.000
30 MAY 1842	68	20.442	*	31 MAY 0212	143	81.595	*	31 MAY 0942	218	26.222	*	31 MAY 1712	293	0.000
30 MAY 1848	69	21.041	*	31 MAY 0218	144	78.932	*	31 MAY 0948	219	26.118	*	31 MAY 1718	294	0.000
30 MAY 1854	70	21.642	*	31 MAY 0224	145	76.872	*	31 MAY 0954	220	26.011	*	31 MAY 1724	295	0.000
30 MAY 1900	71	22.245	*	31 MAY 0230	146	75.107	*	31 MAY 1000	221	25.907	*	31 MAY 1730	296	0.000
30 MAY 1906	72	22.848	*	31 MAY 0236	147	73.496	*	31 MAY 1006	222	25.800	*	31 MAY 1736	297	0.000
30 MAY 1912	73	23.452	*	31 MAY 0242	148	71.952	*	31 MAY 1012	223	25.695	*	31 MAY 1742	298	0.000
30 MAY 1918	74	24.058	*	31 MAY 0248	149	70.447	*	31 MAY 1018	224	25.587	*	31 MAY 1748	299	0.000
30 MAY 1924	75	24.664	*	31 MAY 0254	150	68.954	*	31 MAY 1024	225	25.483	*	31 MAY 1754	300	0.000

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PEAK FLOW (CFS)	TIME (HR)	MAXIMUM AVERAGE FLOW				
		6-HR	24-HR	72-HR	29.90-HR	
1777.	12.10	236.	77.	61.	61.	
		(INCHES)	6.129	7.961	7.961	7.961
		(AC-FT)	117.	152.	152.	152.

CUMULATIVE AREA = 0.36 SQ MI

1

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

OPERATION	STATION	AREA	PLAN	RATIOS APPLIED TO FLOWS	
				RATIO 1	



1.00

HYDROGRAPH AT

+

Total 0.36

1	FLOW	634.
	TIME	12.10
2	FLOW	923.
	TIME	12.10
3	FLOW	1120.
	TIME	12.10
4	FLOW	1362.
	TIME	12.10
5	FLOW	1570.
	TIME	12.10
6	FLOW	1777.
	TIME	12.10

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

Abbreviation Legend

- P.P. = Power Pole
- W.V. = Water Valve
- I.R. = Iron Rod
- Stm MH = Storm Water Manhole
- BC = Back of Curb
- Conc. Pvmnt. = Concrete Pavement

1.321 Acres  
VOL. 86044 PG. 1510  
D.R.D.C.T.

METES AND BOUNDS  
2.335 Acres  
Thomas Garvin Survey A-524  
and the  
A. Bledsoe Survey A-157

PRE-EXISTING CONDITION

BEING a tract of land situated in the City of Addison, Dallas County, Texas, part of the Thomas Garvin Survey, A-524 and the A. Bledsoe Survey, Abstract No. 157 and being part of a called 3.66 acre tract recorded in Volume 86044, Page 1510 of the Deed Records of Dallas County, Texas (DRDCT), and being more particularly described by metes and bounds as follows:

BEGINNING at a 5/8-inch iron rod with cap found for the northeast intersection of Celestial Road (a 40 foot ROW) and Winnwood Lane (a called 50 foot ROW);

THENCE North with the east right-of-way line of Winnwood Road a distance of 417.69 feet to a 1/2-inch iron rod found for corner;

THENCE South 89°27'33" East departing the east right-of-way line of said Winnwood Road and along the south line of that certain called 1.321 acre tract described by Volume 86044, Page 1510, DRDCT, at 220.30 feet pass a set 5/8-inch iron rod, continuing for a total distance of 270.30 feet to a point for corner in White Rock Creek;

THENCE South a distance of 261.50 feet to a point for corner;

THENCE South 46°33'33" West a distance of 123.78 feet to a point for corner in the centerline of Noel Branch;

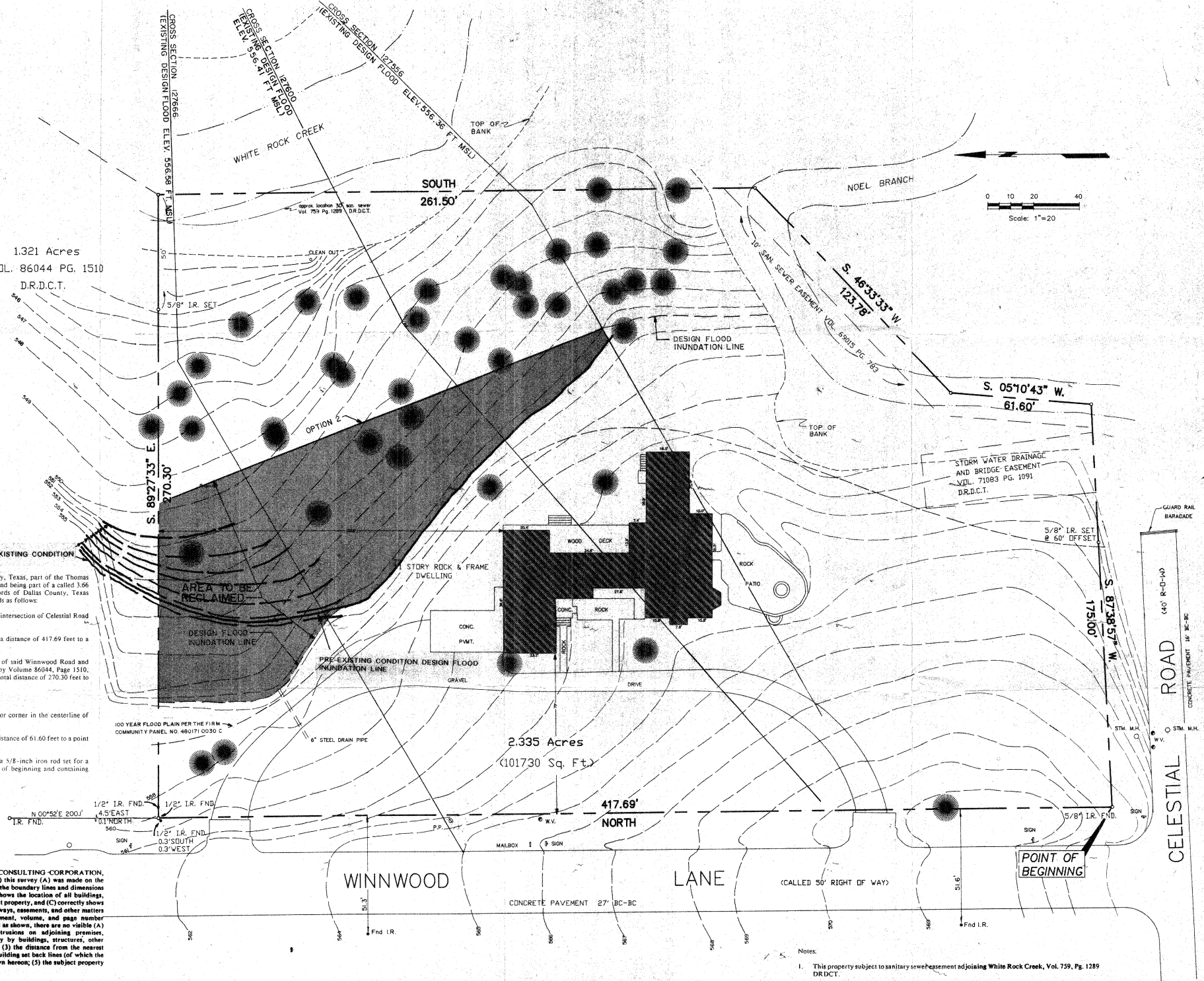
THENCE South 05°10'43" West with the centerline of Noel Branch a distance of 61.60 feet to a point for corner;

THENCE South 87°38'57" West departing said Noel Branch passing a 5/8-inch iron rod set for a offset corner at 60.0 feet in all a distance of 175.0 feet to the point of beginning and containing within these metes and bounds 2.335 acres of land.

The undersigned hereby declares to MIDDLE EAST CONSULTING CORPORATION, REPUBLIC TITLE OF TEXAS, as of February 6, 1992, that (1) this survey (A) was made on the ground as per the descriptions shown hereon and correctly shows the boundary lines and dimensions and calculated area of the land indicated hereon, (B) correctly shows the location of all buildings, structures, and other improvements and visible items on the subject property, and (C) correctly shows the location and dimensions of all alleys, streets, roads, right-of-ways, easements, and other matters of record affecting the subject property matters (with instrument, volume, and page number indicated), of which the undersigned has been advised; (2) except as shown, there are no visible (A) easements, rights-of-way, party walls or conflicts, (B) protrusions on adjoining premises, improvements, and (C) encroachments on the subject property by buildings, structures, other improvements, or rights-of-way situated in adjoining premises; (3) the distance from the nearest intersection, street and road is as shown hereon; (4) all required building set back lines (of which the undersigned is aware) on the subject property are located as shown hereon; (5) the subject property has physical access to and from a public roadway.

Executed on the \_\_\_ day of \_\_\_\_\_, 1992.

Paul Hubert  
RPLS No. 1942



Notes:

1. This property subject to sanitary sewer easement adjoining White Rock Creek, Vol. 759, Pg. 1289 DRDCT.
2. Does not appear that TP&L easement dedicated by Vol. 2435, Pg. 644 DRDCT affects this property.
3. Contours and spot elevations for this site are referenced to BM located at the northeast corner of Celestial and Montfort - Elevation = 626.81.
4. This survey has been prepared in conjunction with that certain commitment for title insurance prepared by Republic Title, referenced by GF 92R 0532 S338 dated 1-10-92.

**Kimley-Horn**  
Engineers • Planners • Surveyors  
12660 Cliff Road, Suite 200  
Dallas, Texas 75251  
Tel. No. (214) 386-7007

THOMAS GARVIN SURVEY A - 524  
A. BLEDSOE SURVEY A - 157  
DALLAS COUNTY, TEXAS  
CLIENT: MIDDLE EAST CONSULTING CORPORATION

**FLOODPLAIN BOUNDARY  
CITY OF DALLAS  
DESIGN FLOOD**

Scale: 1" = 20'  
Date: 02/02/92  
Designed by: D. Personius  
Checked by: 955601.Dwg  
File Acad: 955601.Dwg  
Project No. 9556.01

EXHIBIT  
A

WINWOOD ROAD

FARRIN ASSOUD  
BARBARA ASSOUD  
VOL 92052 PG 7503

CELESTIAL ROAD

POB

ROAD

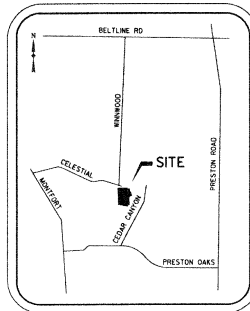
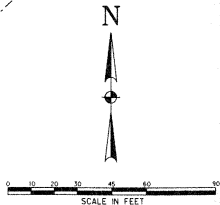
CITY OF DALLAS  
BLOCK 8166

ARMSTRONG ADDITION  
VOL 79050 PG 1857

LOT 1 BLOCK 1  
2.009 ACRES

JEFFERSON OAKS ADDITION  
PHASE TWO  
VOL 94027 PG 6910

MINIMUM FINISHED FLOOR  
ELEVATION=557.5



That I, Don R. Daseke do hereby adopt this plat designating the hereabove property as The Daseke Addition, an addition to the Town of Addison, Texas, and subject to the conditions, restrictions and reservations stated hereinafter, owner dedicates to the public use forever the streets and alleys shown thereon.

The easements shown on this plat are hereby reserved for the purposes as indicated, including, but not limited to, the installation and maintenance of water, sanitary sewer, drainage, electric, telephone, gas and cable television. Owner shall have the right to use these easements, provided however, that it does not unreasonably interfere or impede with the provision of the services to others. Said utility easements are hereby reserved by mutual use and accommodation of all public utilities using or desiring to use the same. An express easement of ingress and egress is hereby expressly granted over and across all such easements for the benefit of the provider of services for which easements are granted.

Any drainage and floodway easement shown hereon is hereby dedicated to the public's use forever, but including the following covenants with regard to maintenance responsibilities. The existing channels or creeks, traversing the drainage and floodway easement will remain as of ordinance, at all times and shall be maintained by the individual owners of the lot or lots that are traversed by or adjacent to the drainage and floodway easement. The City will not be responsible for the maintenance and operation of said creek or creeks or for any damage or injury of private property or person that results from the flow of water along said creek, or for the control of erosion. No obstruction to the natural flow of water run-off shall be permitted by construction of any type building, fence, or any structure within the drainage and floodway easement. Provided, however, it is understood that in the event it becomes necessary for the City to channelize or consider erecting any type of drainage structure in order to improve the storm drainage, then in such event, the City shall have the right, but not the obligation, to enter upon the drainage and floodway easement at any point or points, with all rights of ingress and egress to investigate, survey, erect, construct or maintain any drainage facility deemed necessary by the City for drainage purposes. Each property owner shall keep the natural drainage channels and creeks traversing the drainage and floodway easement adjacent to his property clean and free of debris, silt, growth, vegetation, weeds, rubbish, refuse, matter and any substance which would result in unsanitary conditions or obstruct the flow of water, and the City shall have the right of ingress and egress for the purpose of inspection and supervision and maintenance work by the property owner to alleviate any undesirable conditions which may occur. The natural drainage channels and creeks through the drainage and floodway easement, as in the case of all natural channels, are subject to storm water overflow and natural bank erosion to an extent that cannot be definitely defined. The City shall not be held liable for any damages or injuries of any nature resulting from the occurrence of these natural phenomena, nor resulting from the failure of any structure or structures, within the natural drainage channels, and the owners hereby agree to indemnify and hold harmless the City from any such damages and injuries. Building areas outside the drainage and floodway easement line shall be filed to a minimum elevation as shown on the plat. The minimum floor of elevation of each lot shall be shown on the plat.

The maintenance or paving of the utility and fire lane easements is the responsibility of the property owner. All public utilities shall at all times have the full right of ingress and egress to and from and upon the said utility easements for the purpose of constructing, reconstructing, inspecting, patrolling, maintaining and adding to or removing all or parts of its respective system without the necessity of any time of procuring the permission of anyone. Any public utility shall have the right of ingress and egress to private property for the purpose of reading meters and any maintenance and service required or ordinarily performed by that utility. Buildings, fences, trees, shrubs or other improvements or growth may be constructed, reconstructed or placed upon, over or across the utility easements as shown provided, however, that owner shall at its sole cost and expense be responsible under any and all circumstances for the maintenance and repair of such improvement or growth, and any public utility shall have the right to remove and keep removed all or parts of any buildings, fences, trees, shrubs or other improvements or growth which in any way endanger or interfere with the construction, maintenance or efficiency of its respective system or service.

Water main and sanitary sewer easements shall also include additional area of working space for construction and maintenance of the systems. Additional easement area is also conveyed for installation and maintenance of the systems. Additional easement area is also conveyed for installation and maintenance of manholes, cleanouts, fire hydrants, water service and sewer services from the main to curb or pavement line, and the descriptions of such additional easements herein granted shall be determined by their locations as installed.

This plat is approved subject to all platting ordinances, rules, regulations and resolutions of the Town of Addison, Texas.

WITNESS MY HAND at Dallas, Texas, this the \_\_\_ day of \_\_\_, 1996

Don R. Daseke

Being a tract of land situated in the Thomas Garvin Survey, Abstract No. 524, Dallas County, Texas, and being a part of City Block 8166, City of Dallas, Texas, and also being a part of a tract of land deeded to Ronald D. Watson, as recorded in Volume 91184, Page 4870 of the Deed Records of Dallas County, Texas, (DRDCT) and being more particularly described as follows:

BEGINNING at a railroad spike found at the northeast corner of the Armstrong Addition as recorded in Volume 79050 Page 1857, said corner also being on the south right-of-way for Celestial Road and being the northwest corner of this tract;

THENCE North 88 degrees 30 minutes 00 seconds East along said south right-of-way line a distance of 194.42 feet to 1/4 inch iron rod set for a corner on the common line between the east line of the Jefferson Oaks Addition Phase Two, as recorded in Volume 94027 Page 6910 (DRDCT), and the centerline of Noel Creek;

THENCE South 08 degrees 23 minutes 44 seconds East departing said south line and along said common line a distance of 22.84 feet to a 1/2 inch iron rod set for a corner;

THENCE North 80 degrees 29 minutes 06 seconds East continuing along said common line a distance of 39.55 feet to 1/2 inch iron rod set for a corner;

THENCE South 14 degrees 43 minutes 16 seconds East a distance of 60.50 feet to 1/2 inch iron rod set for a corner;

THENCE South 34 degrees 25 minutes 13 seconds East a distance of 45.30 feet to 1/2 inch iron rod set for a corner;

THENCE South 16 degrees 38 minutes 13 seconds East a distance of 51.37 feet to 1/2 inch iron rod set for a corner;

THENCE South 67 degrees 25 minutes 41 seconds West a distance of 55.96 feet to 1/2 inch iron rod set for a corner;

THENCE South 06 degrees 05 minutes 47 seconds West a distance of 72.39 feet to 1/2 inch iron rod set for a corner;

THENCE South 05 degrees 10 minutes 06 seconds East a distance of 85.77 feet to 1/2 inch iron rod set for a corner;

THENCE South 44 degrees 35 minutes 36 seconds West a distance of 57.03 feet to 1/2 inch iron rod set for a corner at the most southeasterly corner of this tract, said corner also being on the north line of the Jefferson Oaks Addition as recorded in Volume 93185 Page 1518 (DRDCT);

THENCE North 78 degrees 59 minutes 50 seconds West, departing said common line between the west line of the Jefferson Oaks Addition Phase Two and the centerline of Noel Creek, and along the north line of said Jefferson Oaks Addition a distance of 193.27 feet to 1/2 inch iron rod found for a corner at the southwest corner of this tract, said corner also being the southeast corner of said Armstrong Addition;

THENCE North 01 degrees 51 minutes 30 seconds West departing said north line and along said east line of the Armstrong Addition a distance of 338.86 feet to the POINT OF BEGINNING AND CONTAINING 87,523 square feet or 2.009 acres of land more or less.

SURVEYOR'S CERTIFICATE

This is to certify that I, Andrew J. Shafer, a Registered Professional Land Surveyor of the State of Texas, have plotted the above subdivision from an actual survey on the ground, and that all lot corners, angle points, and points of curve shall be property marked on the ground, and that this plat correctly represents that survey made by me, or under my supervision.

ANDREW J. SHAFER  
REGISTERED PROFESSIONAL LAND SURVEYOR  
TEXAS  
NO. 5017

STATE OF TEXAS  
COUNTY OF DALLAS

BEFORE ME, the undersigned authority, on this day personally appeared, Andrew J. Shafer, known to me to be the person whose name is subscribed to the above and foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration expressed and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE on this the \_\_\_ day of \_\_\_, 1996.

Notary Public, Dallas County, Texas

My Commission Expires \_\_\_\_\_

**PRELIMINARY**  
DATE 10-1-96

**FINAL PLAT**  
**LOT 1 BLOCK 1**  
**DASEKE ADDITION**

AN ADDITION TO THE CITY OF  
ADDISON, TEXAS

THOMAS GARVIN SURVEY, ABSTRACT NO. 524  
DALLAS COUNTY, TEXAS  
FOR

**DON R. DASEKE**

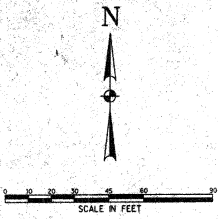
5656 CELESTIAL DRIVE ADDISON, TEXAS 75248

HALFF ASSOCIATES INC.  
ENGINEERS SCIENTISTS SURVEYORS PLANNERS  
8618 NORTHWEST PLAZA DRIVE DALLAS TEXAS, 75225  
SCALE 1"=30' AVD 15787 DATE SEPT 1996

CITY PLAN FILE NO. \_\_\_\_\_

NO.	BEARING	DIST
L1	S52°07'05"W	38.41
L2	N36°27'11"W	11.21
L3	S53°32'31"W	49.60
L4	S80°23'58"W	10.63
L5	N86°55'16"W	25.13
L6	S53°32'34"W	38.53
L7	S36°27'29"E	28.24
L8	S03°18'18"W	23.58
L9	S21°05'45"W	41.93
L10	S10°07'03"E	25.51
L11	N59°28'49"E	42.38
L12	S68°00'35"E	31.48
L13	S24°41'07"E	28.21
L14	S10°07'03"E	14.58
L15	S32°02'48"E	50.19
L16	S64°02'17"E	21.08
L17	S25°00'01"E	8.48
L18	S19°47'02"W	44.49

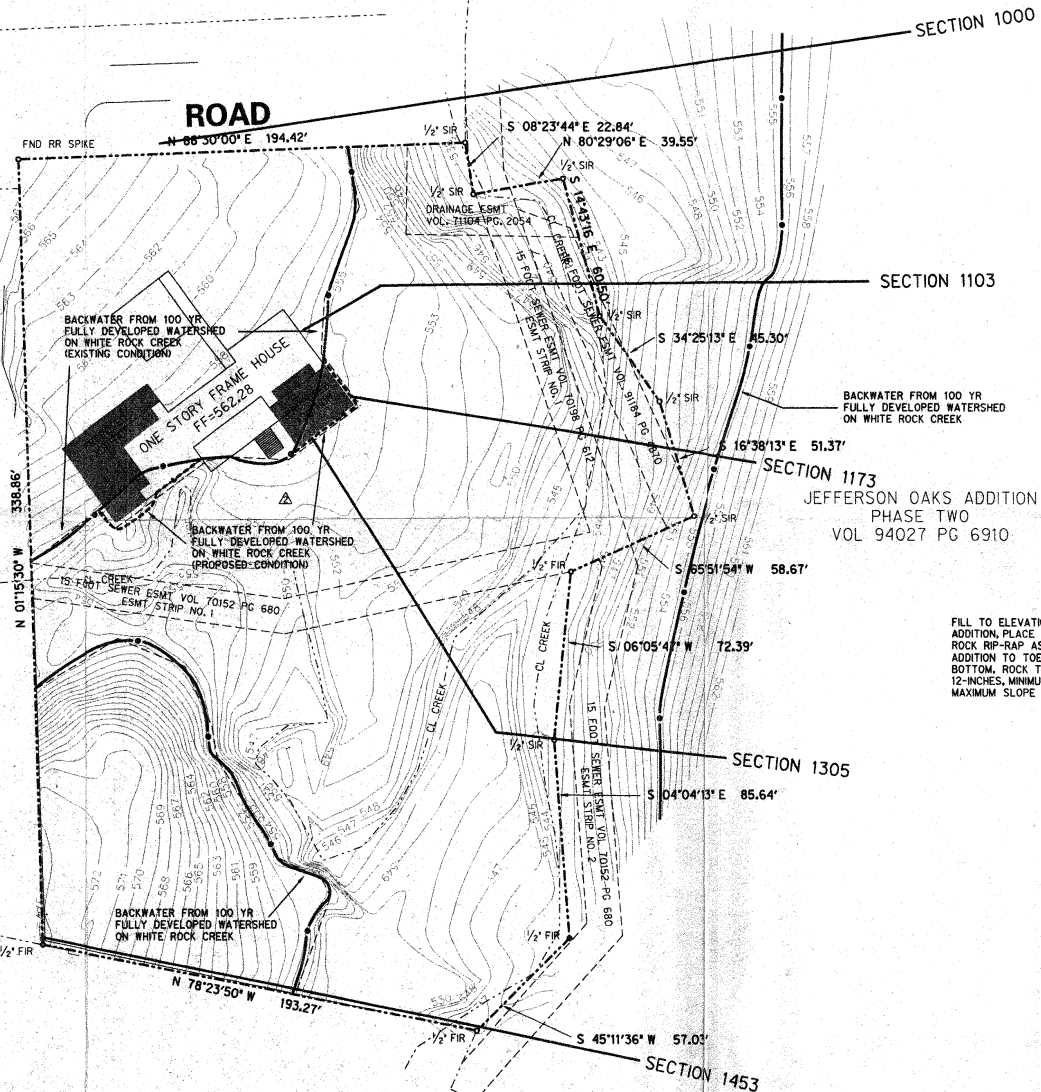
NOTE:  
CITY OF DALLAS BLOCK MAP SHOWS  
15 FT SAN SEW ESMT (VOL 70152 PG 680)  
ESMT NO. 2 AS BEING LOCATED APPROX  
30 FT WEST OF EAST PROPERTY LINE



WINNWOOD ROAD

CELESTIAL ROAD

FARRIN ASSOUD  
BARBARA ASSOUD  
VOL 92052 PG 7503

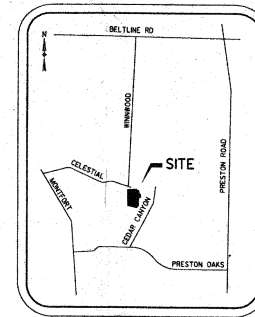


ARMSTRONG ADDITION  
VOL 79050 PG 1857

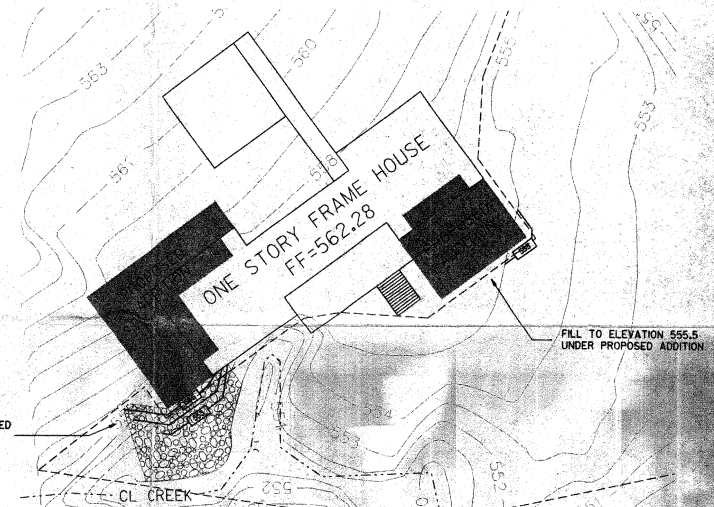
LOT 1B BLOCK B/8166  
JEFFERSON OAKS ADDITION  
VOL 93185 PG 1518

JEFFERSON OAKS ADDITION  
PHASE TWO  
VOL 94027 PG 6910

FILL TO ELEVATION 555.5 UNDER PROPOSED ADDITION, PLACE ITS 5Y OF 18-INCH THICK ROCK RIP-RAP AS SHOWN FROM EDGE OF ADDITION TO TOE OF SLOPE AT CREEK BOTTOM, ROCK TO BE AVERAGE SIZE OF 12-INCHES, MINIMUM SIZE OF 8-INCHES, MAXIMUM SLOPE 3:1.



LOCATION MAP



RECLAMATION AND EROSION CONTROL DETAIL

SCALE 1"=20 FEET



Dennis J. Chovan  
10-1-96

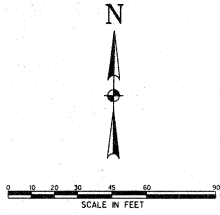
FLOODPLAIN EXHIBIT  
DASEKE ADDITION

5656 CELESTIAL DRIVE ADDISON, TEXAS 75248

HALET ASSOCIATES INC.  
ENGINEERS SCIENTISTS SURVEYORS PLANNERS  
8818 NORTHWEST PLAZA DRIVE DALLAS TEXAS, 75225  
SCALE 1"=30' A.V. 15787 DATE SEPT 1996

REVISIONS:  
1 ADD EROSION CONTROL DETAIL 10-1-96  
2 ADD PROPOSED CONDITION FOR DELINEATION 10-1-96

15787A 10/19/96.DWG

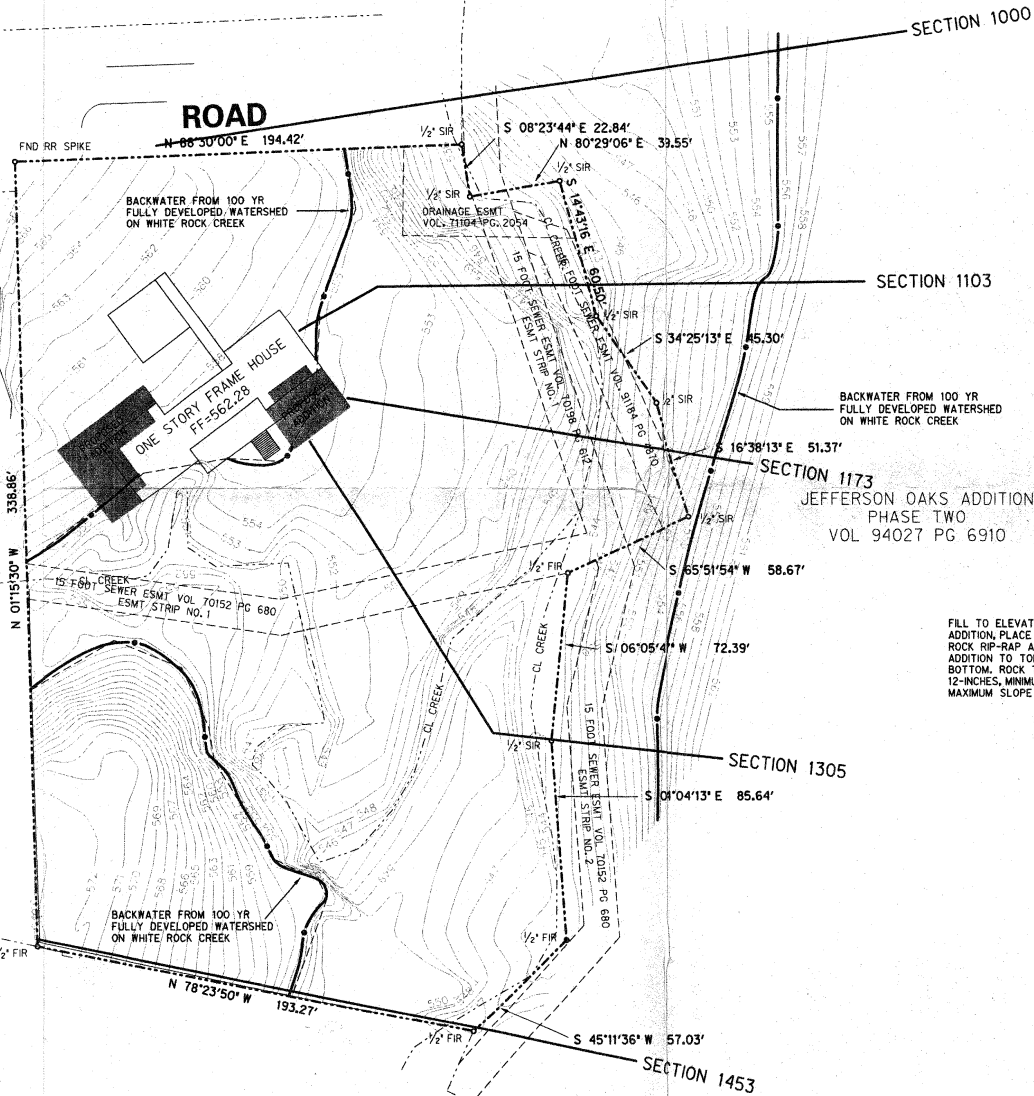


**WINWOOD ROAD**

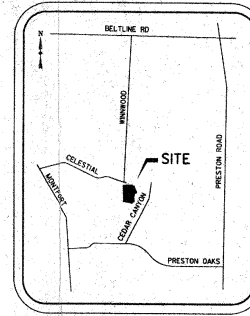
FARRIN ASSOUD  
BARBARA ASSOUD  
VOL 92052 PG 7503

**CELESTIAL ROAD**

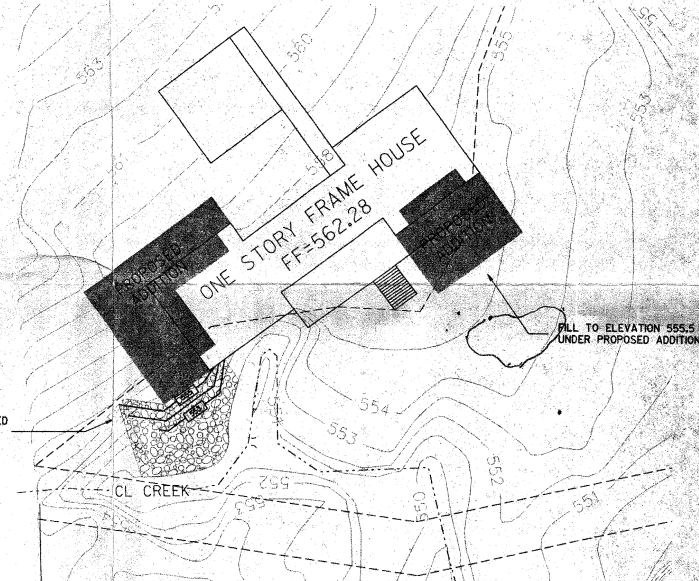
ARMSTRONG ADDITION  
VOL 79050 PG 1857



LOT 1B BLOCK B/8166  
JEFFERSON OAKS ADDITION  
VOL 93185 PG 1518



LOCATION MAP



**RECLAMATION AND EROSION CONTROL DETAIL**

SCALE 1"=20 FEET

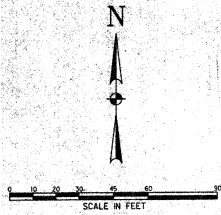
FILL TO ELEVATION 555.5 UNDER PROPOSED ADDITION, PLACE 175 SY OF 18-INCH THICK ROCK RIP-RAP AS SHOWN FROM EDGE OF ADDITION TO TOE OF SLOPE AT CREEK BOTTOM. ROCK TO BE AVERAGE SIZE OF 12-INCHES, MINIMUM SIZE OF 8-INCHES. MAXIMUM SLOPE 3:1.



**FLOODPLAIN EXHIBIT  
DASEKE ADDITION**

5656 CELESTIAL DRIVE ADDISON, TEXAS 75248

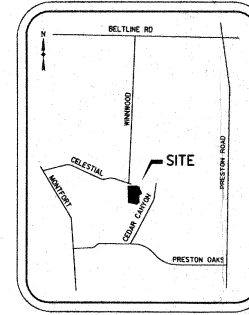
HALFF ASSOCIATES INC.  
ENGINEERS SCIENTISTS SURVEYORS PLANNERS  
8618 NORTHWEST PLAZA DRIVE DALLAS TEXAS, 75225  
SCALE 1"=30' AVO 15787 DATE SEPT 1996



WINNWOOD ROAD

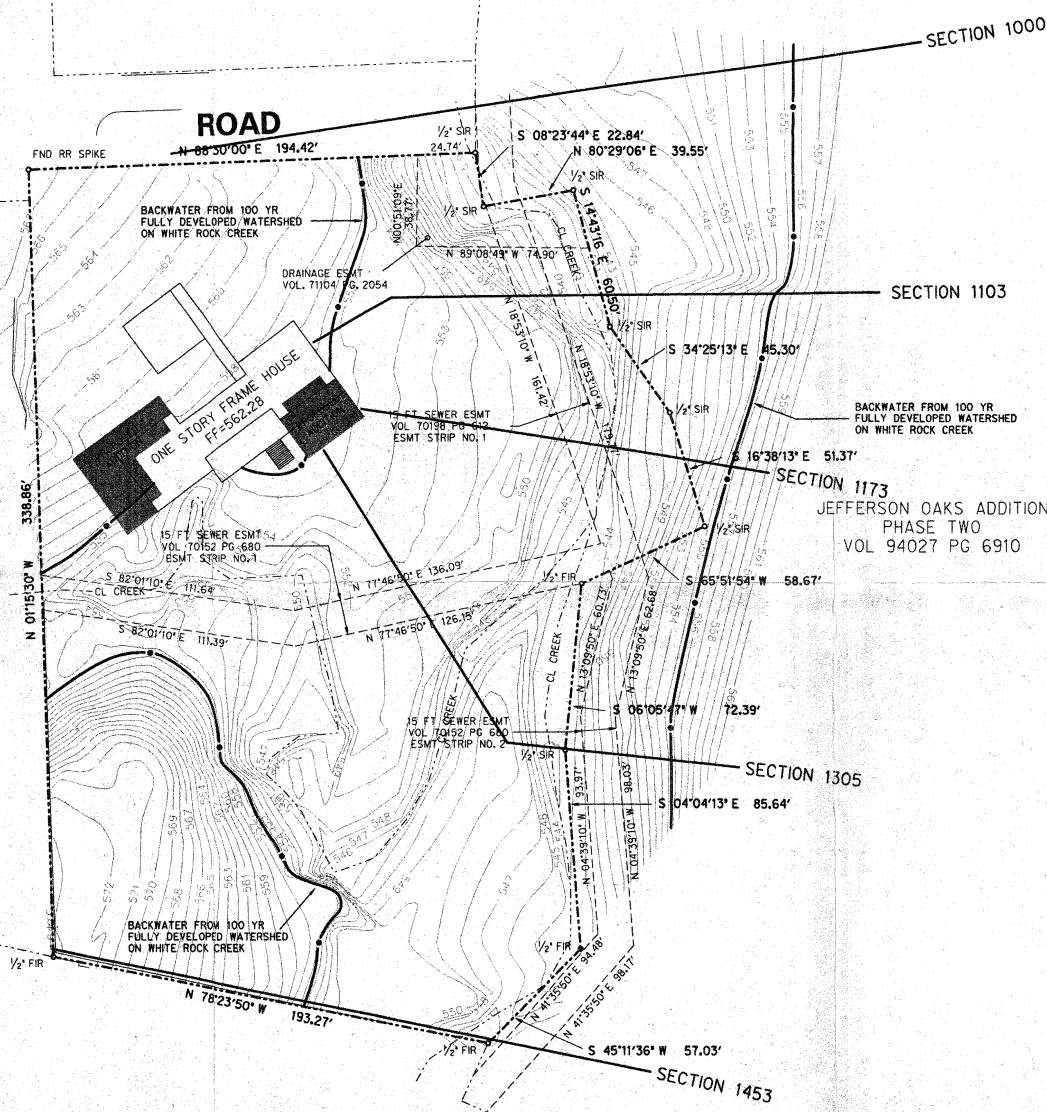
FARRIN ASSOUD  
BARBARA ASSOUD  
VOL 92052 PG 7503

CELESTIAL ROAD



LOCATION MAP

ARMSTRONG ADDITION  
VOL 79050 PG 1857



LOT 1B BLOCK B/8166  
JEFFERSON OAKS ADDITION  
VOL 93185 PG 1518

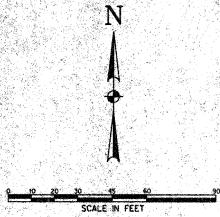


*Dennis Chovan*  
9-10-96

**FLOODPLAIN EXHIBIT  
DASEKE ADDITION**

5656 CELESTIAL DRIVE ADDISON, TEXAS 75248

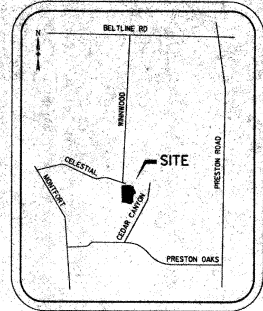
HALFF ASSOCIATES INC.  
ENGINEERS SCIENTISTS SURVEYORS PLANNERS  
8618 NORTHWEST PLAZA DRIVE DALLAS TEXAS, 75225  
SCALE 1"=30' AVO 15787 DATE SEPT 1996



**WINWOOD ROAD**

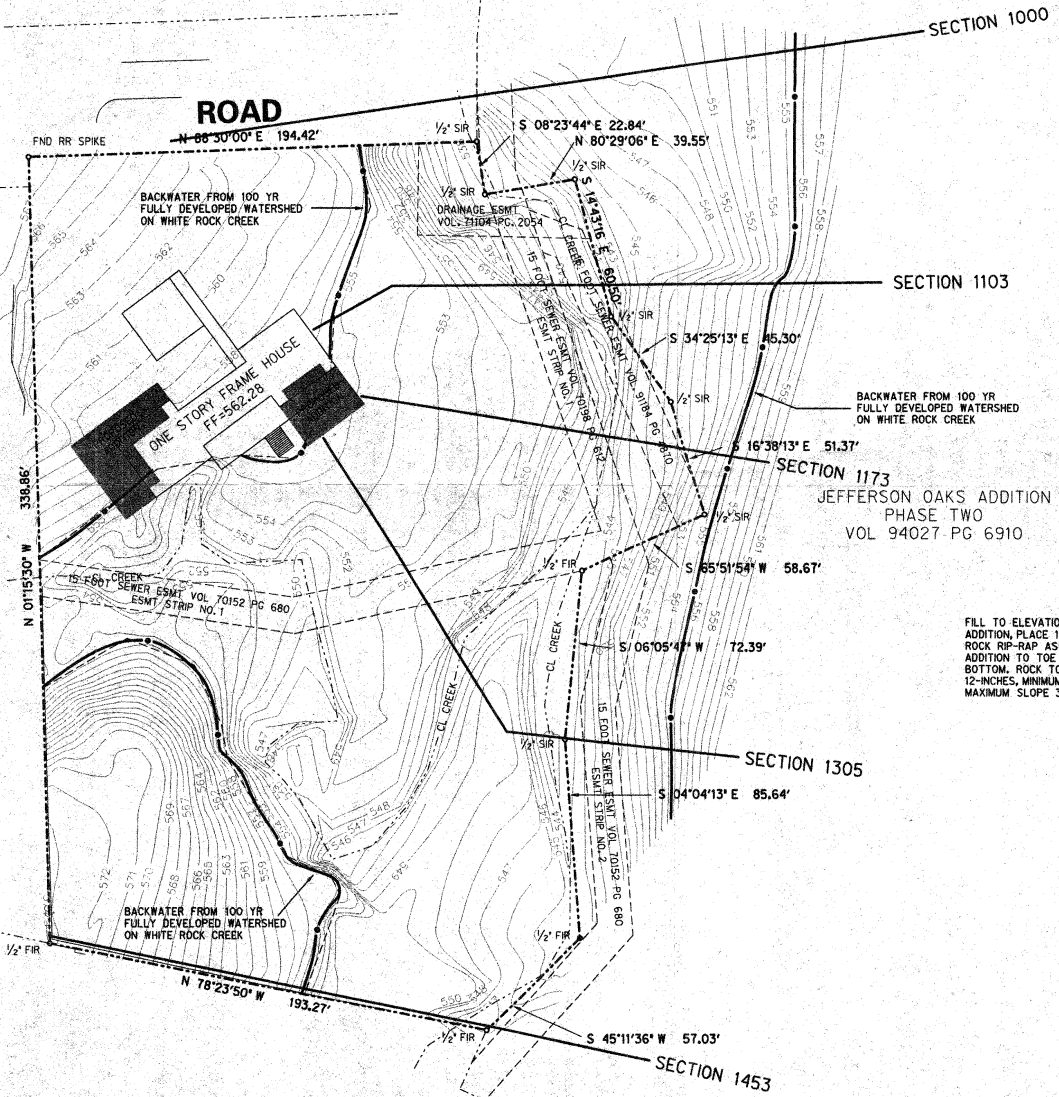
FARRIN ASSOUD  
BARBARA ASSOUD  
VOL 92052 PG 7503

**CELESTIAL ROAD**

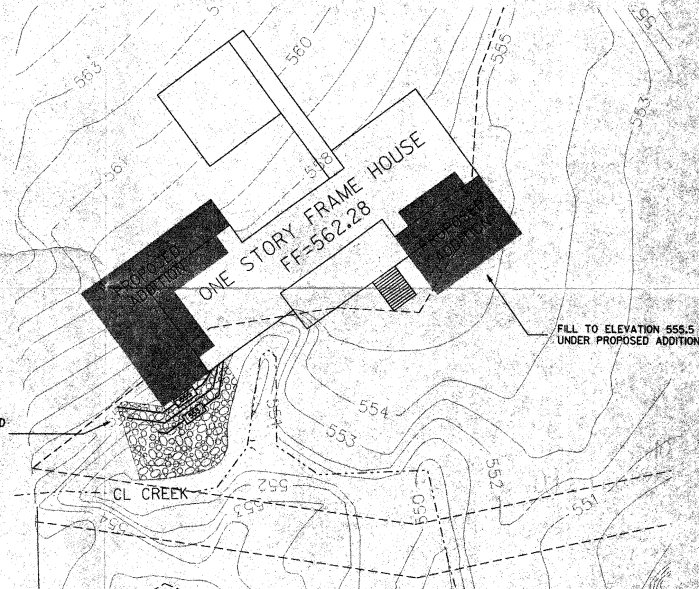


LOCATION MAP

ARMSTRONG ADDITION  
VOL 79050 PG 1857

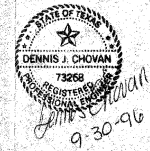


LOT 1B BLOCK B/8166  
JEFFERSON OAKS ADDITION  
VOL 93185 PG 1518



**RECLAMATION AND EROSION CONTROL DETAIL**

SCALE 1"=20 FEET



**FLOODPLAIN EXHIBIT**

**DASEKE ADDITION**

5656 CELESTIAL DRIVE ADDISON, TEXAS 75248

HALFF ASSOCIATES INC.  
ENGINEERS SCIENTISTS SURVEYORS PLANNERS  
8618 NORTHWEST PLAZA DRIVE DALLAS TEXAS, 75225  
SCALE 1"=30' AVO 15787 DATE SEPT 1996