Professional Engineering Consultants, P.A.
303 S. TOPEKA ▪ WICHITA, KANSAS 67202 ▪ 316-262-2691 ▪ FAX 316-262-3003 ▪ www.pec1.com ▪ designers@pec1.com

LETTER OF TRANSMITTAL

TO: Dept. of Public Works, Storm Water Management
7th floor City Hall
455 N. Main
Wichita, Ks. 67202

PROJECT NO.: 36-03242-14-3432
PROJECT: Dillon 12th lot split

ATTENTION: Scott Lindebak

DATE: 4/24/06

WE ARE SENDING YOU: ☒ Attached ☐ Under separate cover via _____ the following items:
☐ Shop drawings ☐ Prints ☒ Plans ☐ Samples ☐ Specifications
☐ Copy of letter ☐ Change order ☐ _____

COPIES	DATE	NO.	DESCRIPTION
1			**Revised drainage plan**

THESE ARE TRANSMITTED as checked below:

☒ For approval ☐ Approved as submitted ☐ Resubmit _____ copies for approval
☒ For your use ☐ Approved as noted ☐ Submit _____ copies for distribution
☐ As requested ☐ Returned for corrections ☐ _____ corrected prints
☐ For review and comment ☐ _____
☐ FOR BIDS DUE _____ ☐ PRINTS RETURNED AFTER LOAN TO US

REMARKS: Scott- attached is a copy of the revised drainage plan for Dillon 12th. We will also send you a pdf file of it.

COPY TO: file

SIGNED Rob Hartman

If enclosures are not as noted, kindly notify us at once.

DILLON 12th ADDITION
Wichita, Sedgwick County, Kansas
04/20/06

Dillon 12th Addition is a 20 acre, commercial business development in east Wichita, Sedgwick County, Kansas. The 4 lot development consists of streets and a proposed detention basin located in the northeast corner of lot 3. This report contains a drawing of the drainage plan along with supporting calculations. The project location is shown in Figure 1.

Existing Conditions

The plat lies in the SE 1/4, Section 10, T27S, R2E. The soil on-site mostly consists of Irwin Silty Clay Loam and Rosehill Silty Clay classified in hydrologic group D. The land is classified as pasture with an slopes ranging from 1% to 3%.

The Greenwich Road drainage report accounts for 160' east of the centerline of Greenwich Road. This area called Basin 1 is only 1.49 acres of the Dillon 12th site. The remaining area must be accounted for in the Dillon 12th Drainage Plan. Dillon 12th Addition also receives additional storm water runoff via a 24" CMP on the south border of lot 3. The drainage area that flows through the 24" CMP is an additional 9.09 acres of pasture. This Basin named Offsite is accounted for in the Dillon 12th Drainage Plan.

Hydrology

The objective of the hydrologic analysis was to ensure that developed conditions would not worsen flooding conditions to downstream properties. Based on preliminary calculations, sufficient storage must reduce the 158.0 cfs for the proposed development to no greater than 112 cfs. Peak discharges were first estimated using the Rational Method, and then refined by developing a hydrologic model of the entire basin using the USACE HEC-1 computer program HEC-1 enables the user to consider in detail the effects of detention storage in the basin.

The HEC-1 program is capable of performing complex hydrologic computations that relate detention storage to pond elevations and discharge rates during the occurrence of a major storm, and therefore was used to analyze the effects of planned detention storage.

Hydrology calculations were provided to estimate peak discharges for "pre" and "post" project conditions. Computations were made for both the undeveloped and developed condition of the basin.

Existing Pre-developed Conditions (D Soils, Mostly Pasture, C=0.65)

Drainage Area= 16.0+9.09 =25.09 AC
Estimated Tc= $\frac{1200 \text{ ft.}}{1.2 \text{ ft./sec}}$ =1000 sec. =16.67 min.
C100= 0.65
i100= 7.12 in./hr.
Q100= (0.65)(7.12)(25.09)= 116.1 cfs
The HEC-1 Analysis computed a comparable 112.0 cfs for undeveloped conditions.

Developed Conditions

Basin	Drainage Area (Acres)	Estimated Tc (Minutes)	Rational C (Unitless)	Rainfall Inten. (in/hr)	Rational Q100 (cfs)	HEC-1 Q100 (cfs)
Offsite	9.09	15	0.65	7.12	43.5	47.0
1	1.49	15	0.91	7.37	10.0	N/A
2	18.51	15	0.91	7.37	124.1	104.0
Totals	29.09			7.37	177.6	

The fore-mentioned Basin 1 is accounted for in the Greenwich Road Drainage Plan, therefore, the Total Q100 for Dillon 12th is 177.6 – 10.0 = 167.6 cfs. The HEC-1 Analysis computed the Q100 to be 158.0 cfs.

Developed Conditions

Development of any rural basin almost always increases the impervious area, shortens flow paths, and makes them hydraulically more efficient. The resulting effect is to increase both the volume and rate of runoff caused by a major storm. In order to offset these effects, it is proposed to construct a detention basin in the northeast corner of lot 3.

Results

The final results of the analysis are depicted graphically on Figures 2A &2B.

Figure 2A depicts the hydrograph of the existing basin during the occurrence of the 100-year, 24-hour storm for existing conditions.

Figure 2B depicts the inflow and outflow hydrographs of the proposed Basin 2 during the occurrence of the 100-year, 24-hour storm for existing conditions. The pond was assumed to be at static when the storm began, and fills slowly while water leaves the pond via an assumed 8' foot weir outfall. The pond will have a weir outfall which will be set at 1373.0 (Static Pool Elevation). During the 100 year, 6-hour storm, the peak water surface elevation will reach 1375.99 according to the HEC-1 Analysis.

By comparing the peak outlet discharge on Figures 2 and the pre-developed peak discharge computed in the hydrologic analysis (111 cfs and 112 cfs, respectively) it may concluded that the proposed storage will be sufficient to ensure that peak flood discharges will not be increased on downstream properties during the occurrence of the 100-year, 6-hour storm.

References

Design of Urban Highway Drainage – The State of the Art, by Reitz & Jens, Inc., April 1980.

Drainage of Highway Pavements, Hydraulic Engineering Circular #12, by Tye Engineering, Inc., March 1984.

Soil Survey of Sedgwick County, Kansas, US Department of Agriculture, Soil Conservation Service, 1979.

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1*****************************************
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 *   FLOOD HYDROGRAPH PACKAGE  (HEC-1)   *
 *              JUN   1998               *
 *            VERSION 4.1                *
 *                                       *
 *  RUN DATE   20APR06  TIME  15:28:20   *
 *                                       *
 *****************************************
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*****************************************
*                                       *
*    U.S. ARMY CORPS OF ENGINEERS       *
*    HYDROLOGIC ENGINEERING CENTER      *
*          609 SECOND STREET            *
*       DAVIS, CALIFORNIA 95616         *
*           (916) 756-1104              *
*                                       *
*****************************************
```

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

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

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

1 HEC-1 INPUT PAGE 1

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

             1          ID      Dillon 12th
             2          ID      Existing Conditions for 100-Yr Storm
             3          ID      Basin #2
             4          ID      By BMM     DATE 04-20-06
*** LIST ***
*** FREE ***
                        *DIAGRAM
             5          IT      05 27SEP99    1200       0 28SEP99    2000
             6          IN      05 27SEP99    1200
             7          IO       0       4
```

```
 8          JR    PREC     5.9
            *
            *
            *
            *  Offsite Drainage

 9          KK    OFFST
10          BA    0.014
11          PB     1.00
12          PC    0.000   0.001   0.006   0.011   0.014   0.018   0.022   0.028   0.031   0.035
13          PC    0.038   0.042   0.047   0.053   0.057   0.061   0.066   0.070   0.076   0.081
14          PC    0.088   0.094   0.098   0.106   0.113   0.122   0.133   0.146   0.160   0.176
15          PC    0.195   0.217   0.244   0.281   0.333   0.433   0.577   0.647   0.707   0.750
16          PC    0.780   0.805   0.824   0.841   0.856   0.868   0.878   0.889   0.895   0.901
17          PC    0.907   0.914   0.918   0.919   0.928   0.933   0.939   0.942   0.946   0.953
18          PC    0.959   0.963   0.967   0.969   0.973   0.978   0.983   0.987   0.991   0.993
19          PC    0.998   0.999   1.000
20          LS        0      78       0
21          UD    0.150
            *
            *
            *

22          KK     RTE1
23          RT        0       0    0.60
            *
            *
            *
            *  Basin 2

24          KK    UNDEV
25          BA    0.025
26          PB     1.00
27          PC    0.000   0.001   0.006   0.011   0.014   0.018   0.022   0.028   0.031   0.035
28          PC    0.038   0.042   0.047   0.053   0.057   0.061   0.066   0.070   0.076   0.081
29          PC    0.088   0.094   0.098   0.106   0.113   0.122   0.133   0.146   0.160   0.176
30          PC    0.195   0.217   0.244   0.281   0.333   0.433   0.577   0.647   0.707   0.750
31          PC    0.780   0.805   0.824   0.841   0.856   0.868   0.878   0.889   0.895   0.901
32          PC    0.907   0.914   0.918   0.919   0.928   0.933   0.939   0.942   0.946   0.953
33          PC    0.959   0.963   0.967   0.969   0.973   0.978   0.983   0.987   0.991   0.993
34          PC    0.998   0.999   1.000
35          LS        0      78       0
36          UD    0.150
            *
            *
```

```
            37          KK     COMB
                        *
                        *
            38          HC        2       0
                        *
                        *
                        *
            39          ZZ
1
                SCHEMATIC DIAGRAM OF STREAM NETWORK
 INPUT
  LINE      (V) ROUTING           (--->) DIVERSION OR PUMP FLOW

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

     9       OFFST
                V
                V
    22          RTE1
                  .
                  .
    24            .         UNDEV
                  .           .
                  .           .
    37          COMB............

 (***) RUNOFF ALSO COMPUTED AT THIS LOCATION
1*****************************************
 *                                       *
 *   FLOOD HYDROGRAPH PACKAGE  (HEC-1)   *
 *              JUN   1998               *
 *            VERSION 4.1                *
 *                                       *
 *  RUN DATE   20APR06  TIME  15:28:20   *
 *                                       *
 *****************************************

 ****************************************
 *                                      *
 *    U.S. ARMY CORPS OF ENGINEERS      *
 *    HYDROLOGIC ENGINEERING CENTER     *
 *          609 SECOND STREET           *
 *        DAVIS, CALIFORNIA 95616       *
 *            (916) 756-1104            *
 *                                      *
 ****************************************
```

Dillon 12th
Existing Conditions for 100-Yr Storm
Basin #2
By BMM DATE 04-20-06

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

  IT          HYDROGRAPH TIME DATA
                     NMIN           5  MINUTES IN COMPUTATION INTERVAL
                    IDATE     27SEP99  STARTING DATE
                    ITIME        1200  STARTING TIME
                       NQ         385  NUMBER OF HYDROGRAPH ORDINATES
                   NDDATE     28SEP99  ENDING DATE
                   NDTIME        2000  ENDING TIME
                   ICENT           19  CENTURY MARK

                COMPUTATION INTERVAL     .08 HOURS
                     TOTAL TIME BASE   32.00 HOURS

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

  JP          MULTI-PLAN OPTION
                    NPLAN           1  NUMBER OF PLANS

  JR          MULTI-RATIO OPTION
                  RATIOS OF PRECIPITATION
                 5.90


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


          **************
          *            *
9 KK      *     OFFST  *
          *            *
          **************

6 IN          TIME DATA FOR INPUT TIME SERIES
                   JXMIN           5  TIME INTERVAL IN MINUTES
                   JXDATE     27SEP99  STARTING DATE
                   JXTIME        1200  STARTING TIME
```

SUBBASIN RUNOFF DATA

10 BA SUBBASIN CHARACTERISTICS
TAREA .01 SUBBASIN AREA

PRECIPITATION DATA

11 PB STORM 1.00 BASIN TOTAL PRECIPITATION

12 PI INCREMENTAL PRECIPITATION PATTERN

.00	.00	.00	.00	.00	.00	.01	.00	.00	.00
.00	.00	.01	.00	.00	.00	.00	.01	.01	.01
.01	.00	.01	.01	.01	.01	.01	.01	.02	.02
.02	.03	.04	.05	.10	.14	.07	.06	.04	.03
.03	.02	.02	.01	.01	.01	.01	.01	.01	.01
.01	.00	.00	.01	.01	.01	.00	.00	.01	.01
.00	.00	.00	.00	.00	.00	.00	.00	.00	.01
.00	.00								

20 LS SCS LOSS RATE
STRTL .56 INITIAL ABSTRACTION
CRVNBR 78.00 CURVE NUMBER
RTIMP .00 PERCENT IMPERVIOUS AREA

21 UD SCS DIMENSIONLESS UNITGRAPH
TLAG .15 LAG

***

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

UNIT HYDROGRAPH
11 END-OF-PERIOD ORDINATES

13.	35.	30.	15.	8.	4.	2.	1.	0.	0.
0.									

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HYDROGRAPH AT STATION OFFST

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DA MON HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q	DA MON HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q
27 SEP 1200	1	.00	.00	.00	0.	28 SEP 0405	194	.00	.00	.00	0.
27 SEP 1205	2	.00	.00	.00	0.	28 SEP 0410	195	.00	.00	.00	0.
27 SEP 1210	3	.00	.00	.00	0.	28 SEP 0415	196	.00	.00	.00	0.

27	SEP	1215	4	.00	.00	.00	0.	*	28	SEP	0420	197	.00	.00	.00	0.
27	SEP	1220	5	.00	.00	.00	0.	*	28	SEP	0425	198	.00	.00	.00	0.
27	SEP	1225	6	.00	.00	.00	0.	*	28	SEP	0430	199	.00	.00	.00	0.
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27	SEP	1250	11	.00	.00	.00	0.	*	28	SEP	0455	204	.00	.00	.00	0.
27	SEP	1255	12	.00	.00	.00	0.	*	28	SEP	0500	205	.00	.00	.00	0.
27	SEP	1300	13	.00	.00	.00	0.	*	28	SEP	0505	206	.00	.00	.00	0.
27	SEP	1305	14	.01	.01	.00	0.	*	28	SEP	0510	207	.00	.00	.00	0.
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27	SEP	1400	25	.01	.01	.00	0.	*	28	SEP	0605	218	.00	.00	.00	0.
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27	SEP	1500	37	.14	.14	.00	0.	*	28	SEP	0705	230	.00	.00	.00	0.
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27	SEP	1555	48	.01	.01	.00	0.	*	28	SEP	0800	241	.00	.00	.00	0.
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27	SEP	1605	50	.01	.00	.00	0.	*	28	SEP	0810	243	.00	.00	.00	0.
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27	SEP	1650	59	.00	.00	.00	0.	*	28	SEP	0855	252	.00	.00	.00	0.
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27	SEP	1700	61	.01	.00	.00	0.	*	28	SEP	0905	254	.00	.00	.00	0.
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27	SEP	1710	63	.00	.00	.00	0.	*	28	SEP	0915	256	.00	.00	.00	0.
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27	SEP	1720	65	.00	.00	.00	0.	*	28	SEP	0925	258	.00	.00	.00	0.
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27	SEP	1730	67	.00	.00	.00	0.	*	28	SEP	0935	260	.00	.00	.00	0.
27	SEP	1735	68	.00	.00	.00	0.	*	28	SEP	0940	261	.00	.00	.00	0.
27	SEP	1740	69	.00	.00	.00	0.	*	28	SEP	0945	262	.00	.00	.00	0.
27	SEP	1745	70	.00	.00	.00	0.	*	28	SEP	0950	263	.00	.00	.00	0.
27	SEP	1750	71	.01	.00	.00	0.	*	28	SEP	0955	264	.00	.00	.00	0.
27	SEP	1755	72	.00	.00	.00	0.	*	28	SEP	1000	265	.00	.00	.00	0.
27	SEP	1800	73	.00	.00	.00	0.	*	28	SEP	1005	266	.00	.00	.00	0.
27	SEP	1805	74	.00	.00	.00	0.	*	28	SEP	1010	267	.00	.00	.00	0.
27	SEP	1810	75	.00	.00	.00	0.	*	28	SEP	1015	268	.00	.00	.00	0.
27	SEP	1815	76	.00	.00	.00	0.	*	28	SEP	1020	269	.00	.00	.00	0.
27	SEP	1820	77	.00	.00	.00	0.	*	28	SEP	1025	270	.00	.00	.00	0.
27	SEP	1825	78	.00	.00	.00	0.	*	28	SEP	1030	271	.00	.00	.00	0.
27	SEP	1830	79	.00	.00	.00	0.	*	28	SEP	1035	272	.00	.00	.00	0.
27	SEP	1835	80	.00	.00	.00	0.	*	28	SEP	1040	273	.00	.00	.00	0.
27	SEP	1840	81	.00	.00	.00	0.	*	28	SEP	1045	274	.00	.00	.00	0.
27	SEP	1845	82	.00	.00	.00	0.	*	28	SEP	1050	275	.00	.00	.00	0.
27	SEP	1850	83	.00	.00	.00	0.	*	28	SEP	1055	276	.00	.00	.00	0.
27	SEP	1855	84	.00	.00	.00	0.	*	28	SEP	1100	277	.00	.00	.00	0.
27	SEP	1900	85	.00	.00	.00	0.	*	28	SEP	1105	278	.00	.00	.00	0.
27	SEP	1905	86	.00	.00	.00	0.	*	28	SEP	1110	279	.00	.00	.00	0.
27	SEP	1910	87	.00	.00	.00	0.	*	28	SEP	1115	280	.00	.00	.00	0.
27	SEP	1915	88	.00	.00	.00	0.	*	28	SEP	1120	281	.00	.00	.00	0.
27	SEP	1920	89	.00	.00	.00	0.	*	28	SEP	1125	282	.00	.00	.00	0.
27	SEP	1925	90	.00	.00	.00	0.	*	28	SEP	1130	283	.00	.00	.00	0.
27	SEP	1930	91	.00	.00	.00	0.	*	28	SEP	1135	284	.00	.00	.00	0.
27	SEP	1935	92	.00	.00	.00	0.	*	28	SEP	1140	285	.00	.00	.00	0.
27	SEP	1940	93	.00	.00	.00	0.	*	28	SEP	1145	286	.00	.00	.00	0.
27	SEP	1945	94	.00	.00	.00	0.	*	28	SEP	1150	287	.00	.00	.00	0.
27	SEP	1950	95	.00	.00	.00	0.	*	28	SEP	1155	288	.00	.00	.00	0.
27	SEP	1955	96	.00	.00	.00	0.	*	28	SEP	1200	289	.00	.00	.00	0.
27	SEP	2000	97	.00	.00	.00	0.	*	28	SEP	1205	290	.00	.00	.00	0.
27	SEP	2005	98	.00	.00	.00	0.	*	28	SEP	1210	291	.00	.00	.00	0.
27	SEP	2010	99	.00	.00	.00	0.	*	28	SEP	1215	292	.00	.00	.00	0.

27	SEP	2015	100	.00	.00	.00	0.	*	28	SEP	1220	293	.00	.00	.00	0.
27	SEP	2020	101	.00	.00	.00	0.	*	28	SEP	1225	294	.00	.00	.00	0.
27	SEP	2025	102	.00	.00	.00	0.	*	28	SEP	1230	295	.00	.00	.00	0.
27	SEP	2030	103	.00	.00	.00	0.	*	28	SEP	1235	296	.00	.00	.00	0.
27	SEP	2035	104	.00	.00	.00	0.	*	28	SEP	1240	297	.00	.00	.00	0.
27	SEP	2040	105	.00	.00	.00	0.	*	28	SEP	1245	298	.00	.00	.00	0.
27	SEP	2045	106	.00	.00	.00	0.	*	28	SEP	1250	299	.00	.00	.00	0.
27	SEP	2050	107	.00	.00	.00	0.	*	28	SEP	1255	300	.00	.00	.00	0.
27	SEP	2055	108	.00	.00	.00	0.	*	28	SEP	1300	301	.00	.00	.00	0.
27	SEP	2100	109	.00	.00	.00	0.	*	28	SEP	1305	302	.00	.00	.00	0.
27	SEP	2105	110	.00	.00	.00	0.	*	28	SEP	1310	303	.00	.00	.00	0.
27	SEP	2110	111	.00	.00	.00	0.	*	28	SEP	1315	304	.00	.00	.00	0.
27	SEP	2115	112	.00	.00	.00	0.	*	28	SEP	1320	305	.00	.00	.00	0.
27	SEP	2120	113	.00	.00	.00	0.	*	28	SEP	1325	306	.00	.00	.00	0.
27	SEP	2125	114	.00	.00	.00	0.	*	28	SEP	1330	307	.00	.00	.00	0.
27	SEP	2130	115	.00	.00	.00	0.	*	28	SEP	1335	308	.00	.00	.00	0.
27	SEP	2135	116	.00	.00	.00	0.	*	28	SEP	1340	309	.00	.00	.00	0.
27	SEP	2140	117	.00	.00	.00	0.	*	28	SEP	1345	310	.00	.00	.00	0.
27	SEP	2145	118	.00	.00	.00	0.	*	28	SEP	1350	311	.00	.00	.00	0.
27	SEP	2150	119	.00	.00	.00	0.	*	28	SEP	1355	312	.00	.00	.00	0.
27	SEP	2155	120	.00	.00	.00	0.	*	28	SEP	1400	313	.00	.00	.00	0.
27	SEP	2200	121	.00	.00	.00	0.	*	28	SEP	1405	314	.00	.00	.00	0.
27	SEP	2205	122	.00	.00	.00	0.	*	28	SEP	1410	315	.00	.00	.00	0.
27	SEP	2210	123	.00	.00	.00	0.	*	28	SEP	1415	316	.00	.00	.00	0.
27	SEP	2215	124	.00	.00	.00	0.	*	28	SEP	1420	317	.00	.00	.00	0.
27	SEP	2220	125	.00	.00	.00	0.	*	28	SEP	1425	318	.00	.00	.00	0.
27	SEP	2225	126	.00	.00	.00	0.	*	28	SEP	1430	319	.00	.00	.00	0.
27	SEP	2230	127	.00	.00	.00	0.	*	28	SEP	1435	320	.00	.00	.00	0.
27	SEP	2235	128	.00	.00	.00	0.	*	28	SEP	1440	321	.00	.00	.00	0.
27	SEP	2240	129	.00	.00	.00	0.	*	28	SEP	1445	322	.00	.00	.00	0.
27	SEP	2245	130	.00	.00	.00	0.	*	28	SEP	1450	323	.00	.00	.00	0.
27	SEP	2250	131	.00	.00	.00	0.	*	28	SEP	1455	324	.00	.00	.00	0.
27	SEP	2255	132	.00	.00	.00	0.	*	28	SEP	1500	325	.00	.00	.00	0.
27	SEP	2300	133	.00	.00	.00	0.	*	28	SEP	1505	326	.00	.00	.00	0.
27	SEP	2305	134	.00	.00	.00	0.	*	28	SEP	1510	327	.00	.00	.00	0.
27	SEP	2310	135	.00	.00	.00	0.	*	28	SEP	1515	328	.00	.00	.00	0.
27	SEP	2315	136	.00	.00	.00	0.	*	28	SEP	1520	329	.00	.00	.00	0.
27	SEP	2320	137	.00	.00	.00	0.	*	28	SEP	1525	330	.00	.00	.00	0.
27	SEP	2325	138	.00	.00	.00	0.	*	28	SEP	1530	331	.00	.00	.00	0.
27	SEP	2330	139	.00	.00	.00	0.	*	28	SEP	1535	332	.00	.00	.00	0.
27	SEP	2335	140	.00	.00	.00	0.	*	28	SEP	1540	333	.00	.00	.00	0.
27	SEP	2340	141	.00	.00	.00	0.	*	28	SEP	1545	334	.00	.00	.00	0.
27	SEP	2345	142	.00	.00	.00	0.	*	28	SEP	1550	335	.00	.00	.00	0.
27	SEP	2350	143	.00	.00	.00	0.	*	28	SEP	1555	336	.00	.00	.00	0.
27	SEP	2355	144	.00	.00	.00	0.	*	28	SEP	1600	337	.00	.00	.00	0.
28	SEP	0000	145	.00	.00	.00	0.	*	28	SEP	1605	338	.00	.00	.00	0.
28	SEP	0005	146	.00	.00	.00	0.	*	28	SEP	1610	339	.00	.00	.00	0.
28	SEP	0010	147	.00	.00	.00	0.	*	28	SEP	1615	340	.00	.00	.00	0.

28 SEP 0015	148	.00	.00	.00	0.	*	28 SEP 1620	341	.00	.00	.00	0.
28 SEP 0020	149	.00	.00	.00	0.	*	28 SEP 1625	342	.00	.00	.00	0.
28 SEP 0025	150	.00	.00	.00	0.	*	28 SEP 1630	343	.00	.00	.00	0.
28 SEP 0030	151	.00	.00	.00	0.	*	28 SEP 1635	344	.00	.00	.00	0.
28 SEP 0035	152	.00	.00	.00	0.	*	28 SEP 1640	345	.00	.00	.00	0.
28 SEP 0040	153	.00	.00	.00	0.	*	28 SEP 1645	346	.00	.00	.00	0.
28 SEP 0045	154	.00	.00	.00	0.	*	28 SEP 1650	347	.00	.00	.00	0.
28 SEP 0050	155	.00	.00	.00	0.	*	28 SEP 1655	348	.00	.00	.00	0.
28 SEP 0055	156	.00	.00	.00	0.	*	28 SEP 1700	349	.00	.00	.00	0.
28 SEP 0100	157	.00	.00	.00	0.	*	28 SEP 1705	350	.00	.00	.00	0.
28 SEP 0105	158	.00	.00	.00	0.	*	28 SEP 1710	351	.00	.00	.00	0.
28 SEP 0110	159	.00	.00	.00	0.	*	28 SEP 1715	352	.00	.00	.00	0.
28 SEP 0115	160	.00	.00	.00	0.	*	28 SEP 1720	353	.00	.00	.00	0.
28 SEP 0120	161	.00	.00	.00	0.	*	28 SEP 1725	354	.00	.00	.00	0.
28 SEP 0125	162	.00	.00	.00	0.	*	28 SEP 1730	355	.00	.00	.00	0.
28 SEP 0130	163	.00	.00	.00	0.	*	28 SEP 1735	356	.00	.00	.00	0.
28 SEP 0135	164	.00	.00	.00	0.	*	28 SEP 1740	357	.00	.00	.00	0.
28 SEP 0140	165	.00	.00	.00	0.	*	28 SEP 1745	358	.00	.00	.00	0.
28 SEP 0145	166	.00	.00	.00	0.	*	28 SEP 1750	359	.00	.00	.00	0.
28 SEP 0150	167	.00	.00	.00	0.	*	28 SEP 1755	360	.00	.00	.00	0.
28 SEP 0155	168	.00	.00	.00	0.	*	28 SEP 1800	361	.00	.00	.00	0.
28 SEP 0200	169	.00	.00	.00	0.	*	28 SEP 1805	362	.00	.00	.00	0.
28 SEP 0205	170	.00	.00	.00	0.	*	28 SEP 1810	363	.00	.00	.00	0.
28 SEP 0210	171	.00	.00	.00	0.	*	28 SEP 1815	364	.00	.00	.00	0.
28 SEP 0215	172	.00	.00	.00	0.	*	28 SEP 1820	365	.00	.00	.00	0.
28 SEP 0220	173	.00	.00	.00	0.	*	28 SEP 1825	366	.00	.00	.00	0.
28 SEP 0225	174	.00	.00	.00	0.	*	28 SEP 1830	367	.00	.00	.00	0.
28 SEP 0230	175	.00	.00	.00	0.	*	28 SEP 1835	368	.00	.00	.00	0.
28 SEP 0235	176	.00	.00	.00	0.	*	28 SEP 1840	369	.00	.00	.00	0.
28 SEP 0240	177	.00	.00	.00	0.	*	28 SEP 1845	370	.00	.00	.00	0.
28 SEP 0245	178	.00	.00	.00	0.	*	28 SEP 1850	371	.00	.00	.00	0.
28 SEP 0250	179	.00	.00	.00	0.	*	28 SEP 1855	372	.00	.00	.00	0.
28 SEP 0255	180	.00	.00	.00	0.	*	28 SEP 1900	373	.00	.00	.00	0.
28 SEP 0300	181	.00	.00	.00	0.	*	28 SEP 1905	374	.00	.00	.00	0.
28 SEP 0305	182	.00	.00	.00	0.	*	28 SEP 1910	375	.00	.00	.00	0.
28 SEP 0310	183	.00	.00	.00	0.	*	28 SEP 1915	376	.00	.00	.00	0.
28 SEP 0315	184	.00	.00	.00	0.	*	28 SEP 1920	377	.00	.00	.00	0.
28 SEP 0320	185	.00	.00	.00	0.	*	28 SEP 1925	378	.00	.00	.00	0.
28 SEP 0325	186	.00	.00	.00	0.	*	28 SEP 1930	379	.00	.00	.00	0.
28 SEP 0330	187	.00	.00	.00	0.	*	28 SEP 1935	380	.00	.00	.00	0.
28 SEP 0335	188	.00	.00	.00	0.	*	28 SEP 1940	381	.00	.00	.00	0.
28 SEP 0340	189	.00	.00	.00	0.	*	28 SEP 1945	382	.00	.00	.00	0.
28 SEP 0345	190	.00	.00	.00	0.	*	28 SEP 1950	383	.00	.00	.00	0.
28 SEP 0350	191	.00	.00	.00	0.	*	28 SEP 1955	384	.00	.00	.00	0.
28 SEP 0355	192	.00	.00	.00	0.	*	28 SEP 2000	385	.00	.00	.00	0.
28 SEP 0400	193	.00	.00	.00	0.	*						

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TOTAL RAINFALL = 1.00, TOTAL LOSS = .94, TOTAL EXCESS = .06

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	32.00-HR
(CFS)	(HR)	(CFS)			
0.	3.42	0.	0.	0.	0.
		(INCHES) .058	.058	.058	.058
		(AC-FT) 0.	0.	0.	0.

CUMULATIVE AREA = .01 SQ MI

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

HYDROGRAPH AT STATION OFFST
PLAN 1, RATIO = 5.90

DA MON HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q	DA MON HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q
27 SEP 1200	1	.00	.00	.00	0.	28 SEP 0405	194	.00	.00	.00	0.
27 SEP 1205	2	.01	.01	.00	0.	28 SEP 0410	195	.00	.00	.00	0.
27 SEP 1210	3	.03	.03	.00	0.	28 SEP 0415	196	.00	.00	.00	0.
27 SEP 1215	4	.03	.03	.00	0.	28 SEP 0420	197	.00	.00	.00	0.
27 SEP 1220	5	.02	.02	.00	0.	28 SEP 0425	198	.00	.00	.00	0.
27 SEP 1225	6	.02	.02	.00	0.	28 SEP 0430	199	.00	.00	.00	0.
27 SEP 1230	7	.02	.02	.00	0.	28 SEP 0435	200	.00	.00	.00	0.
27 SEP 1235	8	.04	.04	.00	0.	28 SEP 0440	201	.00	.00	.00	0.
27 SEP 1240	9	.02	.02	.00	0.	28 SEP 0445	202	.00	.00	.00	0.
27 SEP 1245	10	.02	.02	.00	0.	28 SEP 0450	203	.00	.00	.00	0.
27 SEP 1250	11	.02	.02	.00	0.	28 SEP 0455	204	.00	.00	.00	0.
27 SEP 1255	12	.02	.02	.00	0.	28 SEP 0500	205	.00	.00	.00	0.
27 SEP 1300	13	.03	.03	.00	0.	28 SEP 0505	206	.00	.00	.00	0.
27 SEP 1305	14	.04	.04	.00	0.	28 SEP 0510	207	.00	.00	.00	0.
27 SEP 1310	15	.02	.02	.00	0.	28 SEP 0515	208	.00	.00	.00	0.
27 SEP 1315	16	.02	.02	.00	0.	28 SEP 0520	209	.00	.00	.00	0.
27 SEP 1320	17	.03	.03	.00	0.	28 SEP 0525	210	.00	.00	.00	0.
27 SEP 1325	18	.02	.02	.00	0.	28 SEP 0530	211	.00	.00	.00	0.
27 SEP 1330	19	.04	.04	.00	0.	28 SEP 0535	212	.00	.00	.00	0.
27 SEP 1335	20	.03	.03	.00	0.	28 SEP 0540	213	.00	.00	.00	0.
27 SEP 1340	21	.04	.04	.00	0.	28 SEP 0545	214	.00	.00	.00	0.
27 SEP 1345	22	.04	.04	.00	0.	28 SEP 0550	215	.00	.00	.00	0.
27 SEP 1350	23	.02	.02	.00	0.	28 SEP 0555	216	.00	.00	.00	0.

27	SEP	1355	24	.05	.05	.00	0.	*	28	SEP	0600	217	.00	.00	.00	0.
27	SEP	1400	25	.04	.04	.00	0.	*	28	SEP	0605	218	.00	.00	.00	0.
27	SEP	1405	26	.05	.05	.00	0.	*	28	SEP	0610	219	.00	.00	.00	0.
27	SEP	1410	27	.06	.06	.01	0.	*	28	SEP	0615	220	.00	.00	.00	0.
27	SEP	1415	28	.08	.06	.01	1.	*	28	SEP	0620	221	.00	.00	.00	0.
27	SEP	1420	29	.08	.07	.02	1.	*	28	SEP	0625	222	.00	.00	.00	0.
27	SEP	1425	30	.09	.07	.02	1.	*	28	SEP	0630	223	.00	.00	.00	0.
27	SEP	1430	31	.11	.08	.03	2.	*	28	SEP	0635	224	.00	.00	.00	0.
27	SEP	1435	32	.13	.09	.04	3.	*	28	SEP	0640	225	.00	.00	.00	0.
27	SEP	1440	33	.16	.10	.06	4.	*	28	SEP	0645	226	.00	.00	.00	0.
27	SEP	1445	34	.22	.12	.10	6.	*	28	SEP	0650	227	.00	.00	.00	0.
27	SEP	1450	35	.31	.15	.16	8.	*	28	SEP	0655	228	.00	.00	.00	0.
27	SEP	1455	36	.59	.23	.36	15.	*	28	SEP	0700	229	.00	.00	.00	0.
27	SEP	1500	37	.85	.25	.60	27.	*	28	SEP	0705	230	.00	.00	.00	0.
27	SEP	1505	38	.41	.10	.32	39.	*	28	SEP	0710	231	.00	.00	.00	0.
27	SEP	1510	39	.35	.07	.28	40.	*	28	SEP	0715	232	.00	.00	.00	0.
27	SEP	1515	40	.25	.05	.21	35.	*	28	SEP	0720	233	.00	.00	.00	0.
27	SEP	1520	41	.18	.03	.15	29.	*	28	SEP	0725	234	.00	.00	.00	0.
27	SEP	1525	42	.15	.02	.12	23.	*	28	SEP	0730	235	.00	.00	.00	0.
27	SEP	1530	43	.11	.02	.09	18.	*	28	SEP	0735	236	.00	.00	.00	0.
27	SEP	1535	44	.10	.02	.08	14.	*	28	SEP	0740	237	.00	.00	.00	0.
27	SEP	1540	45	.09	.01	.08	12.	*	28	SEP	0745	238	.00	.00	.00	0.
27	SEP	1545	46	.07	.01	.06	10.	*	28	SEP	0750	239	.00	.00	.00	0.
27	SEP	1550	47	.06	.01	.05	8.	*	28	SEP	0755	240	.00	.00	.00	0.
27	SEP	1555	48	.06	.01	.06	7.	*	28	SEP	0800	241	.00	.00	.00	0.
27	SEP	1600	49	.04	.00	.03	6.	*	28	SEP	0805	242	.00	.00	.00	0.
27	SEP	1605	50	.04	.00	.03	5.	*	28	SEP	0810	243	.00	.00	.00	0.
27	SEP	1610	51	.04	.00	.03	4.	*	28	SEP	0815	244	.00	.00	.00	0.
27	SEP	1615	52	.04	.01	.04	4.	*	28	SEP	0820	245	.00	.00	.00	0.
27	SEP	1620	53	.02	.00	.02	4.	*	28	SEP	0825	246	.00	.00	.00	0.
27	SEP	1625	54	.01	.00	.01	3.	*	28	SEP	0830	247	.00	.00	.00	0.
27	SEP	1630	55	.05	.01	.05	2.	*	28	SEP	0835	248	.00	.00	.00	0.
27	SEP	1635	56	.03	.00	.03	3.	*	28	SEP	0840	249	.00	.00	.00	0.
27	SEP	1640	57	.04	.00	.03	3.	*	28	SEP	0845	250	.00	.00	.00	0.
27	SEP	1645	58	.02	.00	.02	3.	*	28	SEP	0850	251	.00	.00	.00	0.
27	SEP	1650	59	.02	.00	.02	3.	*	28	SEP	0855	252	.00	.00	.00	0.
27	SEP	1655	60	.04	.01	.04	3.	*	28	SEP	0900	253	.00	.00	.00	0.
27	SEP	1700	61	.04	.00	.03	3.	*	28	SEP	0905	254	.00	.00	.00	0.
27	SEP	1705	62	.02	.00	.02	3.	*	28	SEP	0910	255	.00	.00	.00	0.
27	SEP	1710	63	.02	.00	.02	3.	*	28	SEP	0915	256	.00	.00	.00	0.
27	SEP	1715	64	.01	.00	.01	2.	*	28	SEP	0920	257	.00	.00	.00	0.
27	SEP	1720	65	.02	.00	.02	2.	*	28	SEP	0925	258	.00	.00	.00	0.
27	SEP	1725	66	.03	.00	.03	2.	*	28	SEP	0930	259	.00	.00	.00	0.
27	SEP	1730	67	.03	.00	.03	2.	*	28	SEP	0935	260	.00	.00	.00	0.
27	SEP	1735	68	.02	.00	.02	3.	*	28	SEP	0940	261	.00	.00	.00	0.
27	SEP	1740	69	.02	.00	.02	2.	*	28	SEP	0945	262	.00	.00	.00	0.
27	SEP	1745	70	.01	.00	.01	2.	*	28	SEP	0950	263	.00	.00	.00	0.
27	SEP	1750	71	.03	.00	.03	2.	*	28	SEP	0955	264	.00	.00	.00	0.

27	SEP	1755	72	.01	.00	.01	2.	*	28	SEP	1000	265	.00	.00	.00	0.
27	SEP	1800	73	.01	.00	.01	2.	*	28	SEP	1005	266	.00	.00	.00	0.
27	SEP	1805	74	.00	.00	.00	1.	*	28	SEP	1010	267	.00	.00	.00	0.
27	SEP	1810	75	.00	.00	.00	1.	*	28	SEP	1015	268	.00	.00	.00	0.
27	SEP	1815	76	.00	.00	.00	0.	*	28	SEP	1020	269	.00	.00	.00	0.
27	SEP	1820	77	.00	.00	.00	0.	*	28	SEP	1025	270	.00	.00	.00	0.
27	SEP	1825	78	.00	.00	.00	0.	*	28	SEP	1030	271	.00	.00	.00	0.
27	SEP	1830	79	.00	.00	.00	0.	*	28	SEP	1035	272	.00	.00	.00	0.
27	SEP	1835	80	.00	.00	.00	0.	*	28	SEP	1040	273	.00	.00	.00	0.
27	SEP	1840	81	.00	.00	.00	0.	*	28	SEP	1045	274	.00	.00	.00	0.
27	SEP	1845	82	.00	.00	.00	0.	*	28	SEP	1050	275	.00	.00	.00	0.
27	SEP	1850	83	.00	.00	.00	0.	*	28	SEP	1055	276	.00	.00	.00	0.
27	SEP	1855	84	.00	.00	.00	0.	*	28	SEP	1100	277	.00	.00	.00	0.
27	SEP	1900	85	.00	.00	.00	0.	*	28	SEP	1105	278	.00	.00	.00	0.
27	SEP	1905	86	.00	.00	.00	0.	*	28	SEP	1110	279	.00	.00	.00	0.
27	SEP	1910	87	.00	.00	.00	0.	*	28	SEP	1115	280	.00	.00	.00	0.
27	SEP	1915	88	.00	.00	.00	0.	*	28	SEP	1120	281	.00	.00	.00	0.
27	SEP	1920	89	.00	.00	.00	0.	*	28	SEP	1125	282	.00	.00	.00	0.
27	SEP	1925	90	.00	.00	.00	0.	*	28	SEP	1130	283	.00	.00	.00	0.
27	SEP	1930	91	.00	.00	.00	0.	*	28	SEP	1135	284	.00	.00	.00	0.
27	SEP	1935	92	.00	.00	.00	0.	*	28	SEP	1140	285	.00	.00	.00	0.
27	SEP	1940	93	.00	.00	.00	0.	*	28	SEP	1145	286	.00	.00	.00	0.
27	SEP	1945	94	.00	.00	.00	0.	*	28	SEP	1150	287	.00	.00	.00	0.
27	SEP	1950	95	.00	.00	.00	0.	*	28	SEP	1155	288	.00	.00	.00	0.
27	SEP	1955	96	.00	.00	.00	0.	*	28	SEP	1200	289	.00	.00	.00	0.
27	SEP	2000	97	.00	.00	.00	0.	*	28	SEP	1205	290	.00	.00	.00	0.
27	SEP	2005	98	.00	.00	.00	0.	*	28	SEP	1210	291	.00	.00	.00	0.
27	SEP	2010	99	.00	.00	.00	0.	*	28	SEP	1215	292	.00	.00	.00	0.
27	SEP	2015	100	.00	.00	.00	0.	*	28	SEP	1220	293	.00	.00	.00	0.
27	SEP	2020	101	.00	.00	.00	0.	*	28	SEP	1225	294	.00	.00	.00	0.
27	SEP	2025	102	.00	.00	.00	0.	*	28	SEP	1230	295	.00	.00	.00	0.
27	SEP	2030	103	.00	.00	.00	0.	*	28	SEP	1235	296	.00	.00	.00	0.
27	SEP	2035	104	.00	.00	.00	0.	*	28	SEP	1240	297	.00	.00	.00	0.
27	SEP	2040	105	.00	.00	.00	0.	*	28	SEP	1245	298	.00	.00	.00	0.
27	SEP	2045	106	.00	.00	.00	0.	*	28	SEP	1250	299	.00	.00	.00	0.
27	SEP	2050	107	.00	.00	.00	0.	*	28	SEP	1255	300	.00	.00	.00	0.
27	SEP	2055	108	.00	.00	.00	0.	*	28	SEP	1300	301	.00	.00	.00	0.
27	SEP	2100	109	.00	.00	.00	0.	*	28	SEP	1305	302	.00	.00	.00	0.
27	SEP	2105	110	.00	.00	.00	0.	*	28	SEP	1310	303	.00	.00	.00	0.
27	SEP	2110	111	.00	.00	.00	0.	*	28	SEP	1315	304	.00	.00	.00	0.
27	SEP	2115	112	.00	.00	.00	0.	*	28	SEP	1320	305	.00	.00	.00	0.
27	SEP	2120	113	.00	.00	.00	0.	*	28	SEP	1325	306	.00	.00	.00	0.
27	SEP	2125	114	.00	.00	.00	0.	*	28	SEP	1330	307	.00	.00	.00	0.
27	SEP	2130	115	.00	.00	.00	0.	*	28	SEP	1335	308	.00	.00	.00	0.
27	SEP	2135	116	.00	.00	.00	0.	*	28	SEP	1340	309	.00	.00	.00	0.
27	SEP	2140	117	.00	.00	.00	0.	*	28	SEP	1345	310	.00	.00	.00	0.
27	SEP	2145	118	.00	.00	.00	0.	*	28	SEP	1350	311	.00	.00	.00	0.
27	SEP	2150	119	.00	.00	.00	0.	*	28	SEP	1355	312	.00	.00	.00	0.

27 SEP 2155	120	.00	.00	.00	0.	*	28 SEP 1400	313	.00	.00	.00	0.
27 SEP 2200	121	.00	.00	.00	0.	*	28 SEP 1405	314	.00	.00	.00	0.
27 SEP 2205	122	.00	.00	.00	0.	*	28 SEP 1410	315	.00	.00	.00	0.
27 SEP 2210	123	.00	.00	.00	0.	*	28 SEP 1415	316	.00	.00	.00	0.
27 SEP 2215	124	.00	.00	.00	0.	*	28 SEP 1420	317	.00	.00	.00	0.
27 SEP 2220	125	.00	.00	.00	0.	*	28 SEP 1425	318	.00	.00	.00	0.
27 SEP 2225	126	.00	.00	.00	0.	*	28 SEP 1430	319	.00	.00	.00	0.
27 SEP 2230	127	.00	.00	.00	0.	*	28 SEP 1435	320	.00	.00	.00	0.
27 SEP 2235	128	.00	.00	.00	0.	*	28 SEP 1440	321	.00	.00	.00	0.
27 SEP 2240	129	.00	.00	.00	0.	*	28 SEP 1445	322	.00	.00	.00	0.
27 SEP 2245	130	.00	.00	.00	0.	*	28 SEP 1450	323	.00	.00	.00	0.
27 SEP 2250	131	.00	.00	.00	0.	*	28 SEP 1455	324	.00	.00	.00	0.
27 SEP 2255	132	.00	.00	.00	0.	*	28 SEP 1500	325	.00	.00	.00	0.
27 SEP 2300	133	.00	.00	.00	0.	*	28 SEP 1505	326	.00	.00	.00	0.
27 SEP 2305	134	.00	.00	.00	0.	*	28 SEP 1510	327	.00	.00	.00	0.
27 SEP 2310	135	.00	.00	.00	0.	*	28 SEP 1515	328	.00	.00	.00	0.
27 SEP 2315	136	.00	.00	.00	0.	*	28 SEP 1520	329	.00	.00	.00	0.
27 SEP 2320	137	.00	.00	.00	0.	*	28 SEP 1525	330	.00	.00	.00	0.
27 SEP 2325	138	.00	.00	.00	0.	*	28 SEP 1530	331	.00	.00	.00	0.
27 SEP 2330	139	.00	.00	.00	0.	*	28 SEP 1535	332	.00	.00	.00	0.
27 SEP 2335	140	.00	.00	.00	0.	*	28 SEP 1540	333	.00	.00	.00	0.
27 SEP 2340	141	.00	.00	.00	0.	*	28 SEP 1545	334	.00	.00	.00	0.
27 SEP 2345	142	.00	.00	.00	0.	*	28 SEP 1550	335	.00	.00	.00	0.
27 SEP 2350	143	.00	.00	.00	0.	*	28 SEP 1555	336	.00	.00	.00	0.
27 SEP 2355	144	.00	.00	.00	0.	*	28 SEP 1600	337	.00	.00	.00	0.
28 SEP 0000	145	.00	.00	.00	0.	*	28 SEP 1605	338	.00	.00	.00	0.
28 SEP 0005	146	.00	.00	.00	0.	*	28 SEP 1610	339	.00	.00	.00	0.
28 SEP 0010	147	.00	.00	.00	0.	*	28 SEP 1615	340	.00	.00	.00	0.
28 SEP 0015	148	.00	.00	.00	0.	*	28 SEP 1620	341	.00	.00	.00	0.
28 SEP 0020	149	.00	.00	.00	0.	*	28 SEP 1625	342	.00	.00	.00	0.
28 SEP 0025	150	.00	.00	.00	0.	*	28 SEP 1630	343	.00	.00	.00	0.
28 SEP 0030	151	.00	.00	.00	0.	*	28 SEP 1635	344	.00	.00	.00	0.
28 SEP 0035	152	.00	.00	.00	0.	*	28 SEP 1640	345	.00	.00	.00	0.
28 SEP 0040	153	.00	.00	.00	0.	*	28 SEP 1645	346	.00	.00	.00	0.
28 SEP 0045	154	.00	.00	.00	0.	*	28 SEP 1650	347	.00	.00	.00	0.
28 SEP 0050	155	.00	.00	.00	0.	*	28 SEP 1655	348	.00	.00	.00	0.
28 SEP 0055	156	.00	.00	.00	0.	*	28 SEP 1700	349	.00	.00	.00	0.
28 SEP 0100	157	.00	.00	.00	0.	*	28 SEP 1705	350	.00	.00	.00	0.
28 SEP 0105	158	.00	.00	.00	0.	*	28 SEP 1710	351	.00	.00	.00	0.
28 SEP 0110	159	.00	.00	.00	0.	*	28 SEP 1715	352	.00	.00	.00	0.
28 SEP 0115	160	.00	.00	.00	0.	*	28 SEP 1720	353	.00	.00	.00	0.
28 SEP 0120	161	.00	.00	.00	0.	*	28 SEP 1725	354	.00	.00	.00	0.
28 SEP 0125	162	.00	.00	.00	0.	*	28 SEP 1730	355	.00	.00	.00	0.
28 SEP 0130	163	.00	.00	.00	0.	*	28 SEP 1735	356	.00	.00	.00	0.
28 SEP 0135	164	.00	.00	.00	0.	*	28 SEP 1740	357	.00	.00	.00	0.
28 SEP 0140	165	.00	.00	.00	0.	*	28 SEP 1745	358	.00	.00	.00	0.
28 SEP 0145	166	.00	.00	.00	0.	*	28 SEP 1750	359	.00	.00	.00	0.
28 SEP 0150	167	.00	.00	.00	0.	*	28 SEP 1755	360	.00	.00	.00	0.

28 SEP 0155	168	.00	.00	.00	0.	*	28 SEP 1800	361	.00	.00	.00	0.
28 SEP 0200	169	.00	.00	.00	0.	*	28 SEP 1805	362	.00	.00	.00	0.
28 SEP 0205	170	.00	.00	.00	0.	*	28 SEP 1810	363	.00	.00	.00	0.
28 SEP 0210	171	.00	.00	.00	0.	*	28 SEP 1815	364	.00	.00	.00	0.
28 SEP 0215	172	.00	.00	.00	0.	*	28 SEP 1820	365	.00	.00	.00	0.
28 SEP 0220	173	.00	.00	.00	0.	*	28 SEP 1825	366	.00	.00	.00	0.
28 SEP 0225	174	.00	.00	.00	0.	*	28 SEP 1830	367	.00	.00	.00	0.
28 SEP 0230	175	.00	.00	.00	0.	*	28 SEP 1835	368	.00	.00	.00	0.
28 SEP 0235	176	.00	.00	.00	0.	*	28 SEP 1840	369	.00	.00	.00	0.
28 SEP 0240	177	.00	.00	.00	0.	*	28 SEP 1845	370	.00	.00	.00	0.
28 SEP 0245	178	.00	.00	.00	0.	*	28 SEP 1850	371	.00	.00	.00	0.
28 SEP 0250	179	.00	.00	.00	0.	*	28 SEP 1855	372	.00	.00	.00	0.
28 SEP 0255	180	.00	.00	.00	0.	*	28 SEP 1900	373	.00	.00	.00	0.
28 SEP 0300	181	.00	.00	.00	0.	*	28 SEP 1905	374	.00	.00	.00	0.
28 SEP 0305	182	.00	.00	.00	0.	*	28 SEP 1910	375	.00	.00	.00	0.
28 SEP 0310	183	.00	.00	.00	0.	*	28 SEP 1915	376	.00	.00	.00	0.
28 SEP 0315	184	.00	.00	.00	0.	*	28 SEP 1920	377	.00	.00	.00	0.
28 SEP 0320	185	.00	.00	.00	0.	*	28 SEP 1925	378	.00	.00	.00	0.
28 SEP 0325	186	.00	.00	.00	0.	*	28 SEP 1930	379	.00	.00	.00	0.
28 SEP 0330	187	.00	.00	.00	0.	*	28 SEP 1935	380	.00	.00	.00	0.
28 SEP 0335	188	.00	.00	.00	0.	*	28 SEP 1940	381	.00	.00	.00	0.
28 SEP 0340	189	.00	.00	.00	0.	*	28 SEP 1945	382	.00	.00	.00	0.
28 SEP 0345	190	.00	.00	.00	0.	*	28 SEP 1950	383	.00	.00	.00	0.
28 SEP 0350	191	.00	.00	.00	0.	*	28 SEP 1955	384	.00	.00	.00	0.
28 SEP 0355	192	.00	.00	.00	0.	*	28 SEP 2000	385	.00	.00	.00	0.
28 SEP 0400	193	.00	.00	.00	0.	*						

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TOTAL RAINFALL = 5.90, TOTAL LOSS = 2.41, TOTAL EXCESS = 3.49

PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	32.00-HR
+ (CFS)	(HR)	(CFS)				
+ 40.	3.17		5.	1.	1.	1.
		(INCHES)	3.491	3.491	3.491	3.491
		(AC-FT)	3.	3.	3.	3.

CUMULATIVE AREA = .01 SQ MI

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          *           *
22 KK     *     RTE1  *
          *           *
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HYDROGRAPH ROUTING DATA

23 RT TATUM OR STRADDLE-STAGGER ROUTING

NSTPS	0	NUMBER OF TATUM STEPS
NSTDL	0	NUMBER OF ORDINATES TO BE AVERAGED
LAG	0	NUMBER OF INTERVALS TO LAG HYDROGRAPH

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HYDROGRAPH AT STATION RTE1
PLAN 1, RATIO = 5.90

DA MON HRMN	ORD	FLOW	DA MON HRMN	ORD	FLOW	DA MON HRMN	ORD	FLOW	DA MON HRMN	ORD	FLOW
27 SEP 1200	1	0.	27 SEP 2005	98	0.	28 SEP 0410	195	0.	28 SEP 1215	292	0.
27 SEP 1205	2	0.	27 SEP 2010	99	0.	28 SEP 0415	196	0.	28 SEP 1220	293	0.
27 SEP 1210	3	0.	27 SEP 2015	100	0.	28 SEP 0420	197	0.	28 SEP 1225	294	0.
27 SEP 1215	4	0.	27 SEP 2020	101	0.	28 SEP 0425	198	0.	28 SEP 1230	295	0.
27 SEP 1220	5	0.	27 SEP 2025	102	0.	28 SEP 0430	199	0.	28 SEP 1235	296	0.
27 SEP 1225	6	0.	27 SEP 2030	103	0.	28 SEP 0435	200	0.	28 SEP 1240	297	0.
27 SEP 1230	7	0.	27 SEP 2035	104	0.	28 SEP 0440	201	0.	28 SEP 1245	298	0.
27 SEP 1235	8	0.	27 SEP 2040	105	0.	28 SEP 0445	202	0.	28 SEP 1250	299	0.
27 SEP 1240	9	0.	27 SEP 2045	106	0.	28 SEP 0450	203	0.	28 SEP 1255	300	0.
27 SEP 1245	10	0.	27 SEP 2050	107	0.	28 SEP 0455	204	0.	28 SEP 1300	301	0.
27 SEP 1250	11	0.	27 SEP 2055	108	0.	28 SEP 0500	205	0.	28 SEP 1305	302	0.
27 SEP 1255	12	0.	27 SEP 2100	109	0.	28 SEP 0505	206	0.	28 SEP 1310	303	0.
27 SEP 1300	13	0.	27 SEP 2105	110	0.	28 SEP 0510	207	0.	28 SEP 1315	304	0.
27 SEP 1305	14	0.	27 SEP 2110	111	0.	28 SEP 0515	208	0.	28 SEP 1320	305	0.
27 SEP 1310	15	0.	27 SEP 2115	112	0.	28 SEP 0520	209	0.	28 SEP 1325	306	0.
27 SEP 1315	16	0.	27 SEP 2120	113	0.	28 SEP 0525	210	0.	28 SEP 1330	307	0.
27 SEP 1320	17	0.	27 SEP 2125	114	0.	28 SEP 0530	211	0.	28 SEP 1335	308	0.
27 SEP 1325	18	0.	27 SEP 2130	115	0.	28 SEP 0535	212	0.	28 SEP 1340	309	0.
27 SEP 1330	19	0.	27 SEP 2135	116	0.	28 SEP 0540	213	0.	28 SEP 1345	310	0.
27 SEP 1335	20	0.	27 SEP 2140	117	0.	28 SEP 0545	214	0.	28 SEP 1350	311	0.
27 SEP 1340	21	0.	27 SEP 2145	118	0.	28 SEP 0550	215	0.	28 SEP 1355	312	0.
27 SEP 1345	22	0.	27 SEP 2150	119	0.	28 SEP 0555	216	0.	28 SEP 1400	313	0.
27 SEP 1350	23	0.	27 SEP 2155	120	0.	28 SEP 0600	217	0.	28 SEP 1405	314	0.
27 SEP 1355	24	0.	27 SEP 2200	121	0.	28 SEP 0605	218	0.	28 SEP 1410	315	0.
27 SEP 1400	25	0.	27 SEP 2205	122	0.	28 SEP 0610	219	0.	28 SEP 1415	316	0.

27	SEP	1405	26	0.	*	27	SEP	2210	123	0.	*	28	SEP	0615	220	0.	*	28	SEP	1420	317	0.
27	SEP	1410	27	0.	*	27	SEP	2215	124	0.	*	28	SEP	0620	221	0.	*	28	SEP	1425	318	0.
27	SEP	1415	28	1.	*	27	SEP	2220	125	0.	*	28	SEP	0625	222	0.	*	28	SEP	1430	319	0.
27	SEP	1420	29	1.	*	27	SEP	2225	126	0.	*	28	SEP	0630	223	0.	*	28	SEP	1435	320	0.
27	SEP	1425	30	1.	*	27	SEP	2230	127	0.	*	28	SEP	0635	224	0.	*	28	SEP	1440	321	0.
27	SEP	1430	31	2.	*	27	SEP	2235	128	0.	*	28	SEP	0640	225	0.	*	28	SEP	1445	322	0.
27	SEP	1435	32	3.	*	27	SEP	2240	129	0.	*	28	SEP	0645	226	0.	*	28	SEP	1450	323	0.
27	SEP	1440	33	4.	*	27	SEP	2245	130	0.	*	28	SEP	0650	227	0.	*	28	SEP	1455	324	0.
27	SEP	1445	34	6.	*	27	SEP	2250	131	0.	*	28	SEP	0655	228	0.	*	28	SEP	1500	325	0.
27	SEP	1450	35	8.	*	27	SEP	2255	132	0.	*	28	SEP	0700	229	0.	*	28	SEP	1505	326	0.
27	SEP	1455	36	15.	*	27	SEP	2300	133	0.	*	28	SEP	0705	230	0.	*	28	SEP	1510	327	0.
27	SEP	1500	37	27.	*	27	SEP	2305	134	0.	*	28	SEP	0710	231	0.	*	28	SEP	1515	328	0.
27	SEP	1505	38	39.	*	27	SEP	2310	135	0.	*	28	SEP	0715	232	0.	*	28	SEP	1520	329	0.
27	SEP	1510	39	40.	*	27	SEP	2315	136	0.	*	28	SEP	0720	233	0.	*	28	SEP	1525	330	0.
27	SEP	1515	40	35.	*	27	SEP	2320	137	0.	*	28	SEP	0725	234	0.	*	28	SEP	1530	331	0.
27	SEP	1520	41	29.	*	27	SEP	2325	138	0.	*	28	SEP	0730	235	0.	*	28	SEP	1535	332	0.
27	SEP	1525	42	23.	*	27	SEP	2330	139	0.	*	28	SEP	0735	236	0.	*	28	SEP	1540	333	0.
27	SEP	1530	43	18.	*	27	SEP	2335	140	0.	*	28	SEP	0740	237	0.	*	28	SEP	1545	334	0.
27	SEP	1535	44	14.	*	27	SEP	2340	141	0.	*	28	SEP	0745	238	0.	*	28	SEP	1550	335	0.
27	SEP	1540	45	12.	*	27	SEP	2345	142	0.	*	28	SEP	0750	239	0.	*	28	SEP	1555	336	0.
27	SEP	1545	46	10.	*	27	SEP	2350	143	0.	*	28	SEP	0755	240	0.	*	28	SEP	1600	337	0.
27	SEP	1550	47	8.	*	27	SEP	2355	144	0.	*	28	SEP	0800	241	0.	*	28	SEP	1605	338	0.
27	SEP	1555	48	7.	*	28	SEP	0000	145	0.	*	28	SEP	0805	242	0.	*	28	SEP	1610	339	0.
27	SEP	1600	49	6.	*	28	SEP	0005	146	0.	*	28	SEP	0810	243	0.	*	28	SEP	1615	340	0.
27	SEP	1605	50	5.	*	28	SEP	0010	147	0.	*	28	SEP	0815	244	0.	*	28	SEP	1620	341	0.
27	SEP	1610	51	4.	*	28	SEP	0015	148	0.	*	28	SEP	0820	245	0.	*	28	SEP	1625	342	0.
27	SEP	1615	52	4.	*	28	SEP	0020	149	0.	*	28	SEP	0825	246	0.	*	28	SEP	1630	343	0.
27	SEP	1620	53	4.	*	28	SEP	0025	150	0.	*	28	SEP	0830	247	0.	*	28	SEP	1635	344	0.
27	SEP	1625	54	3.	*	28	SEP	0030	151	0.	*	28	SEP	0835	248	0.	*	28	SEP	1640	345	0.
27	SEP	1630	55	2.	*	28	SEP	0035	152	0.	*	28	SEP	0840	249	0.	*	28	SEP	1645	346	0.
27	SEP	1635	56	3.	*	28	SEP	0040	153	0.	*	28	SEP	0845	250	0.	*	28	SEP	1650	347	0.
27	SEP	1640	57	3.	*	28	SEP	0045	154	0.	*	28	SEP	0850	251	0.	*	28	SEP	1655	348	0.
27	SEP	1645	58	3.	*	28	SEP	0050	155	0.	*	28	SEP	0855	252	0.	*	28	SEP	1700	349	0.
27	SEP	1650	59	3.	*	28	SEP	0055	156	0.	*	28	SEP	0900	253	0.	*	28	SEP	1705	350	0.
27	SEP	1655	60	3.	*	28	SEP	0100	157	0.	*	28	SEP	0905	254	0.	*	28	SEP	1710	351	0.
27	SEP	1700	61	3.	*	28	SEP	0105	158	0.	*	28	SEP	0910	255	0.	*	28	SEP	1715	352	0.
27	SEP	1705	62	3.	*	28	SEP	0110	159	0.	*	28	SEP	0915	256	0.	*	28	SEP	1720	353	0.
27	SEP	1710	63	3.	*	28	SEP	0115	160	0.	*	28	SEP	0920	257	0.	*	28	SEP	1725	354	0.
27	SEP	1715	64	2.	*	28	SEP	0120	161	0.	*	28	SEP	0925	258	0.	*	28	SEP	1730	355	0.
27	SEP	1720	65	2.	*	28	SEP	0125	162	0.	*	28	SEP	0930	259	0.	*	28	SEP	1735	356	0.
27	SEP	1725	66	2.	*	28	SEP	0130	163	0.	*	28	SEP	0935	260	0.	*	28	SEP	1740	357	0.
27	SEP	1730	67	2.	*	28	SEP	0135	164	0.	*	28	SEP	0940	261	0.	*	28	SEP	1745	358	0.
27	SEP	1735	68	3.	*	28	SEP	0140	165	0.	*	28	SEP	0945	262	0.	*	28	SEP	1750	359	0.
27	SEP	1740	69	2.	*	28	SEP	0145	166	0.	*	28	SEP	0950	263	0.	*	28	SEP	1755	360	0.
27	SEP	1745	70	2.	*	28	SEP	0150	167	0.	*	28	SEP	0955	264	0.	*	28	SEP	1800	361	0.
27	SEP	1750	71	2.	*	28	SEP	0155	168	0.	*	28	SEP	1000	265	0.	*	28	SEP	1805	362	0.
27	SEP	1755	72	2.	*	28	SEP	0200	169	0.	*	28	SEP	1005	266	0.	*	28	SEP	1810	363	0.
27	SEP	1800	73	2.	*	28	SEP	0205	170	0.	*	28	SEP	1010	267	0.	*	28	SEP	1815	364	0.

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  27 SEP 1805    74       1.  *  28 SEP 0210  171       0.  *  28 SEP 1015  268       0.  *  28 SEP 1820  365       0.
  27 SEP 1810    75       1.  *  28 SEP 0215  172       0.  *  28 SEP 1020  269       0.  *  28 SEP 1825  366       0.
  27 SEP 1815    76       0.  *  28 SEP 0220  173       0.  *  28 SEP 1025  270       0.  *  28 SEP 1830  367       0.
  27 SEP 1820    77       0.  *  28 SEP 0225  174       0.  *  28 SEP 1030  271       0.  *  28 SEP 1835  368       0.
  27 SEP 1825    78       0.  *  28 SEP 0230  175       0.  *  28 SEP 1035  272       0.  *  28 SEP 1840  369       0.
  27 SEP 1830    79       0.  *  28 SEP 0235  176       0.  *  28 SEP 1040  273       0.  *  28 SEP 1845  370       0.
  27 SEP 1835    80       0.  *  28 SEP 0240  177       0.  *  28 SEP 1045  274       0.  *  28 SEP 1850  371       0.
  27 SEP 1840    81       0.  *  28 SEP 0245  178       0.  *  28 SEP 1050  275       0.  *  28 SEP 1855  372       0.
  27 SEP 1845    82       0.  *  28 SEP 0250  179       0.  *  28 SEP 1055  276       0.  *  28 SEP 1900  373       0.
  27 SEP 1850    83       0.  *  28 SEP 0255  180       0.  *  28 SEP 1100  277       0.  *  28 SEP 1905  374       0.
  27 SEP 1855    84       0.  *  28 SEP 0300  181       0.  *  28 SEP 1105  278       0.  *  28 SEP 1910  375       0.
  27 SEP 1900    85       0.  *  28 SEP 0305  182       0.  *  28 SEP 1110  279       0.  *  28 SEP 1915  376       0.
  27 SEP 1905    86       0.  *  28 SEP 0310  183       0.  *  28 SEP 1115  280       0.  *  28 SEP 1920  377       0.
  27 SEP 1910    87       0.  *  28 SEP 0315  184       0.  *  28 SEP 1120  281       0.  *  28 SEP 1925  378       0.
  27 SEP 1915    88       0.  *  28 SEP 0320  185       0.  *  28 SEP 1125  282       0.  *  28 SEP 1930  379       0.
  27 SEP 1920    89       0.  *  28 SEP 0325  186       0.  *  28 SEP 1130  283       0.  *  28 SEP 1935  380       0.
  27 SEP 1925    90       0.  *  28 SEP 0330  187       0.  *  28 SEP 1135  284       0.  *  28 SEP 1940  381       0.
  27 SEP 1930    91       0.  *  28 SEP 0335  188       0.  *  28 SEP 1140  285       0.  *  28 SEP 1945  382       0.
  27 SEP 1935    92       0.  *  28 SEP 0340  189       0.  *  28 SEP 1145  286       0.  *  28 SEP 1950  383       0.
  27 SEP 1940    93       0.  *  28 SEP 0345  190       0.  *  28 SEP 1150  287       0.  *  28 SEP 1955  384       0.
  27 SEP 1945    94       0.  *  28 SEP 0350  191       0.  *  28 SEP 1155  288       0.  *  28 SEP 2000  385       0.
  27 SEP 1950    95       0.  *  28 SEP 0355  192       0.  *  28 SEP 1200  289       0.  *
  27 SEP 1955    96       0.  *  28 SEP 0400  193       0.  *  28 SEP 1205  290       0.  *
  27 SEP 2000    97       0.  *  28 SEP 0405  194       0.  *  28 SEP 1210  291       0.  *
                              *                             *                             *
*****************************************************************************************************************

  PEAK FLOW     TIME                           MAXIMUM AVERAGE FLOW
                                    6-HR        24-HR       72-HR      32.00-HR
+   (CFS)       (HR)
                           (CFS)
+     40.       3.17                  5.           1.          1.           1.
                        (INCHES)   3.491        3.491       3.491        3.491
                         (AC-FT)      3.           3.          3.           3.

                         CUMULATIVE AREA =      .01 SQ MI


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

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                *            *
  24 KK         *    UNDEV   *
                *            *
                **************
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 6 IN          TIME DATA FOR INPUT TIME SERIES
                    JXMIN          5  TIME INTERVAL IN MINUTES
                   JXDATE    27SEP99  STARTING DATE
                   JXTIME       1200  STARTING TIME

              SUBBASIN RUNOFF DATA

25 BA         SUBBASIN CHARACTERISTICS
                   TAREA        .03  SUBBASIN AREA

              PRECIPITATION DATA

26 PB              STORM       1.00  BASIN TOTAL PRECIPITATION

27 PI           INCREMENTAL PRECIPITATION PATTERN
                  .00   .00   .00   .00   .00   .00   .01   .00   .00   .00
                  .00   .00   .01   .00   .00   .00   .00   .01   .01   .01
                  .01   .00   .01   .01   .01   .01   .01   .01   .02   .02
                  .02   .03   .04   .05   .10   .14   .07   .06   .04   .03
                  .03   .02   .02   .01   .01   .01   .01   .01   .01   .01
                  .01   .00   .00   .01   .01   .01   .00   .00   .01   .01
                  .00   .00   .00   .00   .00   .00   .00   .00   .00   .01
                  .00   .00

35 LS         SCS LOSS RATE
                   STRTL        .56  INITIAL ABSTRACTION
                  CRVNBR       78.00  CURVE NUMBER
                   RTIMP        .00  PERCENT IMPERVIOUS AREA

36 UD         SCS DIMENSIONLESS UNITGRAPH
                    TLAG        .15  LAG

                                  ***

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

                                        UNIT HYDROGRAPH
                                    11 END-OF-PERIOD ORDINATES
              23.     62.     54.     27.     14.      7.      3.      2.      1.      0.
               0.
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HYDROGRAPH AT STATION UNDEV

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DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q
27	SEP	1200	1	.00	.00	.00	0.
27	SEP	1205	2	.00	.00	.00	0.
27	SEP	1210	3	.00	.00	.00	0.
27	SEP	1215	4	.00	.00	.00	0.
27	SEP	1220	5	.00	.00	.00	0.
27	SEP	1225	6	.00	.00	.00	0.
27	SEP	1230	7	.00	.00	.00	0.
27	SEP	1235	8	.01	.01	.00	0.
27	SEP	1240	9	.00	.00	.00	0.
27	SEP	1245	10	.00	.00	.00	0.
27	SEP	1250	11	.00	.00	.00	0.
27	SEP	1255	12	.00	.00	.00	0.
27	SEP	1300	13	.00	.00	.00	0.
27	SEP	1305	14	.01	.01	.00	0.
27	SEP	1310	15	.00	.00	.00	0.
27	SEP	1315	16	.00	.00	.00	0.
27	SEP	1320	17	.00	.00	.00	0.
27	SEP	1325	18	.00	.00	.00	0.
27	SEP	1330	19	.01	.01	.00	0.
27	SEP	1335	20	.01	.01	.00	0.
27	SEP	1340	21	.01	.01	.00	0.
27	SEP	1345	22	.01	.01	.00	0.
27	SEP	1350	23	.00	.00	.00	0.
27	SEP	1355	24	.01	.01	.00	0.
27	SEP	1400	25	.01	.01	.00	0.
27	SEP	1405	26	.01	.01	.00	0.
27	SEP	1410	27	.01	.01	.00	0.
27	SEP	1415	28	.01	.01	.00	0.
27	SEP	1420	29	.01	.01	.00	0.
27	SEP	1425	30	.02	.02	.00	0.
27	SEP	1430	31	.02	.02	.00	0.
27	SEP	1435	32	.02	.02	.00	0.
27	SEP	1440	33	.03	.03	.00	0.
27	SEP	1445	34	.04	.04	.00	0.
27	SEP	1450	35	.05	.05	.00	0.
27	SEP	1455	36	.10	.10	.00	0.
27	SEP	1500	37	.14	.14	.00	0.
27	SEP	1505	38	.07	.07	.00	0.
27	SEP	1510	39	.06	.06	.00	0.
27	SEP	1515	40	.04	.04	.00	1.
27	SEP	1520	41	.03	.03	.00	1.
27	SEP	1525	42	.03	.02	.00	1.
27	SEP	1530	43	.02	.02	.00	1.
27	SEP	1535	44	.02	.01	.00	1.
27	SEP	1540	45	.01	.01	.00	1.
27	SEP	1545	46	.01	.01	.00	1.

DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q
28	SEP	0405	194	.00	.00	.00	0.
28	SEP	0410	195	.00	.00	.00	0.
28	SEP	0415	196	.00	.00	.00	0.
28	SEP	0420	197	.00	.00	.00	0.
28	SEP	0425	198	.00	.00	.00	0.
28	SEP	0430	199	.00	.00	.00	0.
28	SEP	0435	200	.00	.00	.00	0.
28	SEP	0440	201	.00	.00	.00	0.
28	SEP	0445	202	.00	.00	.00	0.
28	SEP	0450	203	.00	.00	.00	0.
28	SEP	0455	204	.00	.00	.00	0.
28	SEP	0500	205	.00	.00	.00	0.
28	SEP	0505	206	.00	.00	.00	0.
28	SEP	0510	207	.00	.00	.00	0.
28	SEP	0515	208	.00	.00	.00	0.
28	SEP	0520	209	.00	.00	.00	0.
28	SEP	0525	210	.00	.00	.00	0.
28	SEP	0530	211	.00	.00	.00	0.
28	SEP	0535	212	.00	.00	.00	0.
28	SEP	0540	213	.00	.00	.00	0.
28	SEP	0545	214	.00	.00	.00	0.
28	SEP	0550	215	.00	.00	.00	0.
28	SEP	0555	216	.00	.00	.00	0.
28	SEP	0600	217	.00	.00	.00	0.
28	SEP	0605	218	.00	.00	.00	0.
28	SEP	0610	219	.00	.00	.00	0.
28	SEP	0615	220	.00	.00	.00	0.
28	SEP	0620	221	.00	.00	.00	0.
28	SEP	0625	222	.00	.00	.00	0.
28	SEP	0630	223	.00	.00	.00	0.
28	SEP	0635	224	.00	.00	.00	0.
28	SEP	0640	225	.00	.00	.00	0.
28	SEP	0645	226	.00	.00	.00	0.
28	SEP	0650	227	.00	.00	.00	0.
28	SEP	0655	228	.00	.00	.00	0.
28	SEP	0700	229	.00	.00	.00	0.
28	SEP	0705	230	.00	.00	.00	0.
28	SEP	0710	231	.00	.00	.00	0.
28	SEP	0715	232	.00	.00	.00	0.
28	SEP	0720	233	.00	.00	.00	0.
28	SEP	0725	234	.00	.00	.00	0.
28	SEP	0730	235	.00	.00	.00	0.
28	SEP	0735	236	.00	.00	.00	0.
28	SEP	0740	237	.00	.00	.00	0.
28	SEP	0745	238	.00	.00	.00	0.
28	SEP	0750	239	.00	.00	.00	0.

27 SEP 1550	47	.01	.01	.00	0.	*	28 SEP 0755	240	.00	.00	.00	0.
27 SEP 1555	48	.01	.01	.00	0.	*	28 SEP 0800	241	.00	.00	.00	0.
27 SEP 1600	49	.01	.00	.00	0.	*	28 SEP 0805	242	.00	.00	.00	0.
27 SEP 1605	50	.01	.00	.00	0.	*	28 SEP 0810	243	.00	.00	.00	0.
27 SEP 1610	51	.01	.00	.00	0.	*	28 SEP 0815	244	.00	.00	.00	0.
27 SEP 1615	52	.01	.01	.00	0.	*	28 SEP 0820	245	.00	.00	.00	0.
27 SEP 1620	53	.00	.00	.00	0.	*	28 SEP 0825	246	.00	.00	.00	0.
27 SEP 1625	54	.00	.00	.00	0.	*	28 SEP 0830	247	.00	.00	.00	0.
27 SEP 1630	55	.01	.01	.00	0.	*	28 SEP 0835	248	.00	.00	.00	0.
27 SEP 1635	56	.01	.00	.00	0.	*	28 SEP 0840	249	.00	.00	.00	0.
27 SEP 1640	57	.01	.00	.00	0.	*	28 SEP 0845	250	.00	.00	.00	0.
27 SEP 1645	58	.00	.00	.00	0.	*	28 SEP 0850	251	.00	.00	.00	0.
27 SEP 1650	59	.00	.00	.00	0.	*	28 SEP 0855	252	.00	.00	.00	0.
27 SEP 1655	60	.01	.01	.00	0.	*	28 SEP 0900	253	.00	.00	.00	0.
27 SEP 1700	61	.01	.00	.00	0.	*	28 SEP 0905	254	.00	.00	.00	0.
27 SEP 1705	62	.00	.00	.00	0.	*	28 SEP 0910	255	.00	.00	.00	0.
27 SEP 1710	63	.00	.00	.00	0.	*	28 SEP 0915	256	.00	.00	.00	0.
27 SEP 1715	64	.00	.00	.00	0.	*	28 SEP 0920	257	.00	.00	.00	0.
27 SEP 1720	65	.00	.00	.00	0.	*	28 SEP 0925	258	.00	.00	.00	0.
27 SEP 1725	66	.00	.00	.00	0.	*	28 SEP 0930	259	.00	.00	.00	0.
27 SEP 1730	67	.00	.00	.00	0.	*	28 SEP 0935	260	.00	.00	.00	0.
27 SEP 1735	68	.00	.00	.00	0.	*	28 SEP 0940	261	.00	.00	.00	0.
27 SEP 1740	69	.00	.00	.00	0.	*	28 SEP 0945	262	.00	.00	.00	0.
27 SEP 1745	70	.00	.00	.00	0.	*	28 SEP 0950	263	.00	.00	.00	0.
27 SEP 1750	71	.01	.00	.00	0.	*	28 SEP 0955	264	.00	.00	.00	0.
27 SEP 1755	72	.00	.00	.00	0.	*	28 SEP 1000	265	.00	.00	.00	0.
27 SEP 1800	73	.00	.00	.00	0.	*	28 SEP 1005	266	.00	.00	.00	0.
27 SEP 1805	74	.00	.00	.00	0.	*	28 SEP 1010	267	.00	.00	.00	0.
27 SEP 1810	75	.00	.00	.00	0.	*	28 SEP 1015	268	.00	.00	.00	0.
27 SEP 1815	76	.00	.00	.00	0.	*	28 SEP 1020	269	.00	.00	.00	0.
27 SEP 1820	77	.00	.00	.00	0.	*	28 SEP 1025	270	.00	.00	.00	0.
27 SEP 1825	78	.00	.00	.00	0.	*	28 SEP 1030	271	.00	.00	.00	0.
27 SEP 1830	79	.00	.00	.00	0.	*	28 SEP 1035	272	.00	.00	.00	0.
27 SEP 1835	80	.00	.00	.00	0.	*	28 SEP 1040	273	.00	.00	.00	0.
27 SEP 1840	81	.00	.00	.00	0.	*	28 SEP 1045	274	.00	.00	.00	0.
27 SEP 1845	82	.00	.00	.00	0.	*	28 SEP 1050	275	.00	.00	.00	0.
27 SEP 1850	83	.00	.00	.00	0.	*	28 SEP 1055	276	.00	.00	.00	0.
27 SEP 1855	84	.00	.00	.00	0.	*	28 SEP 1100	277	.00	.00	.00	0.
27 SEP 1900	85	.00	.00	.00	0.	*	28 SEP 1105	278	.00	.00	.00	0.
27 SEP 1905	86	.00	.00	.00	0.	*	28 SEP 1110	279	.00	.00	.00	0.
27 SEP 1910	87	.00	.00	.00	0.	*	28 SEP 1115	280	.00	.00	.00	0.
27 SEP 1915	88	.00	.00	.00	0.	*	28 SEP 1120	281	.00	.00	.00	0.
27 SEP 1920	89	.00	.00	.00	0.	*	28 SEP 1125	282	.00	.00	.00	0.
27 SEP 1925	90	.00	.00	.00	0.	*	28 SEP 1130	283	.00	.00	.00	0.
27 SEP 1930	91	.00	.00	.00	0.	*	28 SEP 1135	284	.00	.00	.00	0.
27 SEP 1935	92	.00	.00	.00	0.	*	28 SEP 1140	285	.00	.00	.00	0.
27 SEP 1940	93	.00	.00	.00	0.	*	28 SEP 1145	286	.00	.00	.00	0.
27 SEP 1945	94	.00	.00	.00	0.	*	28 SEP 1150	287	.00	.00	.00	0.

27	SEP 1950	95	.00	.00	.00	0.	*	28	SEP 1155	288	.00	.00	.00	0.
27	SEP 1955	96	.00	.00	.00	0.	*	28	SEP 1200	289	.00	.00	.00	0.
27	SEP 2000	97	.00	.00	.00	0.	*	28	SEP 1205	290	.00	.00	.00	0.
27	SEP 2005	98	.00	.00	.00	0.	*	28	SEP 1210	291	.00	.00	.00	0.
27	SEP 2010	99	.00	.00	.00	0.	*	28	SEP 1215	292	.00	.00	.00	0.
27	SEP 2015	100	.00	.00	.00	0.	*	28	SEP 1220	293	.00	.00	.00	0.
27	SEP 2020	101	.00	.00	.00	0.	*	28	SEP 1225	294	.00	.00	.00	0.
27	SEP 2025	102	.00	.00	.00	0.	*	28	SEP 1230	295	.00	.00	.00	0.
27	SEP 2030	103	.00	.00	.00	0.	*	28	SEP 1235	296	.00	.00	.00	0.
27	SEP 2035	104	.00	.00	.00	0.	*	28	SEP 1240	297	.00	.00	.00	0.
27	SEP 2040	105	.00	.00	.00	0.	*	28	SEP 1245	298	.00	.00	.00	0.
27	SEP 2045	106	.00	.00	.00	0.	*	28	SEP 1250	299	.00	.00	.00	0.
27	SEP 2050	107	.00	.00	.00	0.	*	28	SEP 1255	300	.00	.00	.00	0.
27	SEP 2055	108	.00	.00	.00	0.	*	28	SEP 1300	301	.00	.00	.00	0.
27	SEP 2100	109	.00	.00	.00	0.	*	28	SEP 1305	302	.00	.00	.00	0.
27	SEP 2105	110	.00	.00	.00	0.	*	28	SEP 1310	303	.00	.00	.00	0.
27	SEP 2110	111	.00	.00	.00	0.	*	28	SEP 1315	304	.00	.00	.00	0.
27	SEP 2115	112	.00	.00	.00	0.	*	28	SEP 1320	305	.00	.00	.00	0.
27	SEP 2120	113	.00	.00	.00	0.	*	28	SEP 1325	306	.00	.00	.00	0.
27	SEP 2125	114	.00	.00	.00	0.	*	28	SEP 1330	307	.00	.00	.00	0.
27	SEP 2130	115	.00	.00	.00	0.	*	28	SEP 1335	308	.00	.00	.00	0.
27	SEP 2135	116	.00	.00	.00	0.	*	28	SEP 1340	309	.00	.00	.00	0.
27	SEP 2140	117	.00	.00	.00	0.	*	28	SEP 1345	310	.00	.00	.00	0.
27	SEP 2145	118	.00	.00	.00	0.	*	28	SEP 1350	311	.00	.00	.00	0.
27	SEP 2150	119	.00	.00	.00	0.	*	28	SEP 1355	312	.00	.00	.00	0.
27	SEP 2155	120	.00	.00	.00	0.	*	28	SEP 1400	313	.00	.00	.00	0.
27	SEP 2200	121	.00	.00	.00	0.	*	28	SEP 1405	314	.00	.00	.00	0.
27	SEP 2205	122	.00	.00	.00	0.	*	28	SEP 1410	315	.00	.00	.00	0.
27	SEP 2210	123	.00	.00	.00	0.	*	28	SEP 1415	316	.00	.00	.00	0.
27	SEP 2215	124	.00	.00	.00	0.	*	28	SEP 1420	317	.00	.00	.00	0.
27	SEP 2220	125	.00	.00	.00	0.	*	28	SEP 1425	318	.00	.00	.00	0.
27	SEP 2225	126	.00	.00	.00	0.	*	28	SEP 1430	319	.00	.00	.00	0.
27	SEP 2230	127	.00	.00	.00	0.	*	28	SEP 1435	320	.00	.00	.00	0.
27	SEP 2235	128	.00	.00	.00	0.	*	28	SEP 1440	321	.00	.00	.00	0.
27	SEP 2240	129	.00	.00	.00	0.	*	28	SEP 1445	322	.00	.00	.00	0.
27	SEP 2245	130	.00	.00	.00	0.	*	28	SEP 1450	323	.00	.00	.00	0.
27	SEP 2250	131	.00	.00	.00	0.	*	28	SEP 1455	324	.00	.00	.00	0.
27	SEP 2255	132	.00	.00	.00	0.	*	28	SEP 1500	325	.00	.00	.00	0.
27	SEP 2300	133	.00	.00	.00	0.	*	28	SEP 1505	326	.00	.00	.00	0.
27	SEP 2305	134	.00	.00	.00	0.	*	28	SEP 1510	327	.00	.00	.00	0.
27	SEP 2310	135	.00	.00	.00	0.	*	28	SEP 1515	328	.00	.00	.00	0.
27	SEP 2315	136	.00	.00	.00	0.	*	28	SEP 1520	329	.00	.00	.00	0.
27	SEP 2320	137	.00	.00	.00	0.	*	28	SEP 1525	330	.00	.00	.00	0.
27	SEP 2325	138	.00	.00	.00	0.	*	28	SEP 1530	331	.00	.00	.00	0.
27	SEP 2330	139	.00	.00	.00	0.	*	28	SEP 1535	332	.00	.00	.00	0.
27	SEP 2335	140	.00	.00	.00	0.	*	28	SEP 1540	333	.00	.00	.00	0.
27	SEP 2340	141	.00	.00	.00	0.	*	28	SEP 1545	334	.00	.00	.00	0.
27	SEP 2345	142	.00	.00	.00	0.	*	28	SEP 1550	335	.00	.00	.00	0.

27 SEP 2350	143	.00	.00	.00	0.	*	28 SEP 1555	336	.00	.00	.00	0.
27 SEP 2355	144	.00	.00	.00	0.	*	28 SEP 1600	337	.00	.00	.00	0.
28 SEP 0000	145	.00	.00	.00	0.	*	28 SEP 1605	338	.00	.00	.00	0.
28 SEP 0005	146	.00	.00	.00	0.	*	28 SEP 1610	339	.00	.00	.00	0.
28 SEP 0010	147	.00	.00	.00	0.	*	28 SEP 1615	340	.00	.00	.00	0.
28 SEP 0015	148	.00	.00	.00	0.	*	28 SEP 1620	341	.00	.00	.00	0.
28 SEP 0020	149	.00	.00	.00	0.	*	28 SEP 1625	342	.00	.00	.00	0.
28 SEP 0025	150	.00	.00	.00	0.	*	28 SEP 1630	343	.00	.00	.00	0.
28 SEP 0030	151	.00	.00	.00	0.	*	28 SEP 1635	344	.00	.00	.00	0.
28 SEP 0035	152	.00	.00	.00	0.	*	28 SEP 1640	345	.00	.00	.00	0.
28 SEP 0040	153	.00	.00	.00	0.	*	28 SEP 1645	346	.00	.00	.00	0.
28 SEP 0045	154	.00	.00	.00	0.	*	28 SEP 1650	347	.00	.00	.00	0.
28 SEP 0050	155	.00	.00	.00	0.	*	28 SEP 1655	348	.00	.00	.00	0.
28 SEP 0055	156	.00	.00	.00	0.	*	28 SEP 1700	349	.00	.00	.00	0.
28 SEP 0100	157	.00	.00	.00	0.	*	28 SEP 1705	350	.00	.00	.00	0.
28 SEP 0105	158	.00	.00	.00	0.	*	28 SEP 1710	351	.00	.00	.00	0.
28 SEP 0110	159	.00	.00	.00	0.	*	28 SEP 1715	352	.00	.00	.00	0.
28 SEP 0115	160	.00	.00	.00	0.	*	28 SEP 1720	353	.00	.00	.00	0.
28 SEP 0120	161	.00	.00	.00	0.	*	28 SEP 1725	354	.00	.00	.00	0.
28 SEP 0125	162	.00	.00	.00	0.	*	28 SEP 1730	355	.00	.00	.00	0.
28 SEP 0130	163	.00	.00	.00	0.	*	28 SEP 1735	356	.00	.00	.00	0.
28 SEP 0135	164	.00	.00	.00	0.	*	28 SEP 1740	357	.00	.00	.00	0.
28 SEP 0140	165	.00	.00	.00	0.	*	28 SEP 1745	358	.00	.00	.00	0.
28 SEP 0145	166	.00	.00	.00	0.	*	28 SEP 1750	359	.00	.00	.00	0.
28 SEP 0150	167	.00	.00	.00	0.	*	28 SEP 1755	360	.00	.00	.00	0.
28 SEP 0155	168	.00	.00	.00	0.	*	28 SEP 1800	361	.00	.00	.00	0.
28 SEP 0200	169	.00	.00	.00	0.	*	28 SEP 1805	362	.00	.00	.00	0.
28 SEP 0205	170	.00	.00	.00	0.	*	28 SEP 1810	363	.00	.00	.00	0.
28 SEP 0210	171	.00	.00	.00	0.	*	28 SEP 1815	364	.00	.00	.00	0.
28 SEP 0215	172	.00	.00	.00	0.	*	28 SEP 1820	365	.00	.00	.00	0.
28 SEP 0220	173	.00	.00	.00	0.	*	28 SEP 1825	366	.00	.00	.00	0.
28 SEP 0225	174	.00	.00	.00	0.	*	28 SEP 1830	367	.00	.00	.00	0.
28 SEP 0230	175	.00	.00	.00	0.	*	28 SEP 1835	368	.00	.00	.00	0.
28 SEP 0235	176	.00	.00	.00	0.	*	28 SEP 1840	369	.00	.00	.00	0.
28 SEP 0240	177	.00	.00	.00	0.	*	28 SEP 1845	370	.00	.00	.00	0.
28 SEP 0245	178	.00	.00	.00	0.	*	28 SEP 1850	371	.00	.00	.00	0.
28 SEP 0250	179	.00	.00	.00	0.	*	28 SEP 1855	372	.00	.00	.00	0.
28 SEP 0255	180	.00	.00	.00	0.	*	28 SEP 1900	373	.00	.00	.00	0.
28 SEP 0300	181	.00	.00	.00	0.	*	28 SEP 1905	374	.00	.00	.00	0.
28 SEP 0305	182	.00	.00	.00	0.	*	28 SEP 1910	375	.00	.00	.00	0.
28 SEP 0310	183	.00	.00	.00	0.	*	28 SEP 1915	376	.00	.00	.00	0.
28 SEP 0315	184	.00	.00	.00	0.	*	28 SEP 1920	377	.00	.00	.00	0.
28 SEP 0320	185	.00	.00	.00	0.	*	28 SEP 1925	378	.00	.00	.00	0.
28 SEP 0325	186	.00	.00	.00	0.	*	28 SEP 1930	379	.00	.00	.00	0.
28 SEP 0330	187	.00	.00	.00	0.	*	28 SEP 1935	380	.00	.00	.00	0.
28 SEP 0335	188	.00	.00	.00	0.	*	28 SEP 1940	381	.00	.00	.00	0.
28 SEP 0340	189	.00	.00	.00	0.	*	28 SEP 1945	382	.00	.00	.00	0.
28 SEP 0345	190	.00	.00	.00	0.	*	28 SEP 1950	383	.00	.00	.00	0.

28 SEP 0350	191	.00	.00	.00	0.	*	28 SEP 1955	384	.00	.00	.00	0.
28 SEP 0355	192	.00	.00	.00	0.	*	28 SEP 2000	385	.00	.00	.00	0.
28 SEP 0400	193	.00	.00	.00	0.	*						

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TOTAL RAINFALL = 1.00, TOTAL LOSS = .94, TOTAL EXCESS = .06

PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	32.00-HR
+ (CFS)	(HR)	(CFS)				
+ 1.	3.42		0.	0.	0.	0.
		(INCHES)	.058	.058	.058	.058
		(AC-FT)	0.	0.	0.	0.

CUMULATIVE AREA = .03 SQ MI

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

****

HYDROGRAPH AT STATION UNDEV
PLAN 1, RATIO = 5.90

****

DA MON HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q	*	DA MON HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q
27 SEP 1200	1	.00	.00	.00	0.	*	28 SEP 0405	194	.00	.00	.00	0.
27 SEP 1205	2	.01	.01	.00	0.	*	28 SEP 0410	195	.00	.00	.00	0.
27 SEP 1210	3	.03	.03	.00	0.	*	28 SEP 0415	196	.00	.00	.00	0.
27 SEP 1215	4	.03	.03	.00	0.	*	28 SEP 0420	197	.00	.00	.00	0.
27 SEP 1220	5	.02	.02	.00	0.	*	28 SEP 0425	198	.00	.00	.00	0.
27 SEP 1225	6	.02	.02	.00	0.	*	28 SEP 0430	199	.00	.00	.00	0.
27 SEP 1230	7	.02	.02	.00	0.	*	28 SEP 0435	200	.00	.00	.00	0.
27 SEP 1235	8	.04	.04	.00	0.	*	28 SEP 0440	201	.00	.00	.00	0.
27 SEP 1240	9	.02	.02	.00	0.	*	28 SEP 0445	202	.00	.00	.00	0.
27 SEP 1245	10	.02	.02	.00	0.	*	28 SEP 0450	203	.00	.00	.00	0.
27 SEP 1250	11	.02	.02	.00	0.	*	28 SEP 0455	204	.00	.00	.00	0.
27 SEP 1255	12	.02	.02	.00	0.	*	28 SEP 0500	205	.00	.00	.00	0.
27 SEP 1300	13	.03	.03	.00	0.	*	28 SEP 0505	206	.00	.00	.00	0.
27 SEP 1305	14	.04	.04	.00	0.	*	28 SEP 0510	207	.00	.00	.00	0.
27 SEP 1310	15	.02	.02	.00	0.	*	28 SEP 0515	208	.00	.00	.00	0.
27 SEP 1315	16	.02	.02	.00	0.	*	28 SEP 0520	209	.00	.00	.00	0.
27 SEP 1320	17	.03	.03	.00	0.	*	28 SEP 0525	210	.00	.00	.00	0.
27 SEP 1325	18	.02	.02	.00	0.	*	28 SEP 0530	211	.00	.00	.00	0.

27 SEP 1330	19	.04	.04	.00	0.	*	28 SEP 0535	212	.00	.00	0.
27 SEP 1335	20	.03	.03	.00	0.	*	28 SEP 0540	213	.00	.00	0.
27 SEP 1340	21	.04	.04	.00	0.	*	28 SEP 0545	214	.00	.00	0.
27 SEP 1345	22	.04	.04	.00	0.	*	28 SEP 0550	215	.00	.00	0.
27 SEP 1350	23	.02	.02	.00	0.	*	28 SEP 0555	216	.00	.00	0.
27 SEP 1355	24	.05	.05	.00	0.	*	28 SEP 0600	217	.00	.00	0.
27 SEP 1400	25	.04	.04	.00	0.	*	28 SEP 0605	218	.00	.00	0.
27 SEP 1405	26	.05	.05	.00	0.	*	28 SEP 0610	219	.00	.00	0.
27 SEP 1410	27	.06	.06	.01	1.	*	28 SEP 0615	220	.00	.00	0.
27 SEP 1415	28	.08	.06	.01	1.	*	28 SEP 0620	221	.00	.00	0.
27 SEP 1420	29	.08	.07	.02	2.	*	28 SEP 0625	222	.00	.00	0.
27 SEP 1425	30	.09	.07	.02	3.	*	28 SEP 0630	223	.00	.00	0.
27 SEP 1430	31	.11	.08	.03	4.	*	28 SEP 0635	224	.00	.00	0.
27 SEP 1435	32	.13	.09	.04	5.	*	28 SEP 0640	225	.00	.00	0.
27 SEP 1440	33	.16	.10	.06	7.	*	28 SEP 0645	226	.00	.00	0.
27 SEP 1445	34	.22	.12	.10	10.	*	28 SEP 0650	227	.00	.00	0.
27 SEP 1450	35	.31	.15	.16	15.	*	28 SEP 0655	228	.00	.00	0.
27 SEP 1455	36	.59	.23	.36	26.	*	28 SEP 0700	229	.00	.00	0.
27 SEP 1500	37	.85	.25	.60	49.	*	28 SEP 0705	230	.00	.00	0.
27 SEP 1505	38	.41	.10	.32	70.	*	28 SEP 0710	231	.00	.00	0.
27 SEP 1510	39	.35	.07	.28	72.	*	28 SEP 0715	232	.00	.00	0.
27 SEP 1515	40	.25	.05	.21	62.	*	28 SEP 0720	233	.00	.00	0.
27 SEP 1520	41	.18	.03	.15	52.	*	28 SEP 0725	234	.00	.00	0.
27 SEP 1525	42	.15	.02	.12	41.	*	28 SEP 0730	235	.00	.00	0.
27 SEP 1530	43	.11	.02	.09	32.	*	28 SEP 0735	236	.00	.00	0.
27 SEP 1535	44	.10	.02	.08	26.	*	28 SEP 0740	237	.00	.00	0.
27 SEP 1540	45	.09	.01	.08	21.	*	28 SEP 0745	238	.00	.00	0.
27 SEP 1545	46	.07	.01	.06	18.	*	28 SEP 0750	239	.00	.00	0.
27 SEP 1550	47	.06	.01	.05	15.	*	28 SEP 0755	240	.00	.00	0.
27 SEP 1555	48	.06	.01	.06	13.	*	28 SEP 0800	241	.00	.00	0.
27 SEP 1600	49	.04	.00	.03	11.	*	28 SEP 0805	242	.00	.00	0.
27 SEP 1605	50	.04	.00	.03	9.	*	28 SEP 0810	243	.00	.00	0.
27 SEP 1610	51	.04	.00	.03	7.	*	28 SEP 0815	244	.00	.00	0.
27 SEP 1615	52	.04	.01	.04	7.	*	28 SEP 0820	245	.00	.00	0.
27 SEP 1620	53	.02	.00	.02	6.	*	28 SEP 0825	246	.00	.00	0.
27 SEP 1625	54	.01	.00	.01	5.	*	28 SEP 0830	247	.00	.00	0.
27 SEP 1630	55	.05	.01	.05	4.	*	28 SEP 0835	248	.00	.00	0.
27 SEP 1635	56	.03	.00	.03	5.	*	28 SEP 0840	249	.00	.00	0.
27 SEP 1640	57	.04	.00	.03	6.	*	28 SEP 0845	250	.00	.00	0.
27 SEP 1645	58	.02	.00	.02	5.	*	28 SEP 0850	251	.00	.00	0.
27 SEP 1650	59	.02	.00	.02	5.	*	28 SEP 0855	252	.00	.00	0.
27 SEP 1655	60	.04	.01	.04	5.	*	28 SEP 0900	253	.00	.00	0.
27 SEP 1700	61	.04	.00	.03	5.	*	28 SEP 0905	254	.00	.00	0.
27 SEP 1705	62	.02	.00	.02	6.	*	28 SEP 0910	255	.00	.00	0.
27 SEP 1710	63	.02	.00	.02	5.	*	28 SEP 0915	256	.00	.00	0.
27 SEP 1715	64	.01	.00	.01	4.	*	28 SEP 0920	257	.00	.00	0.
27 SEP 1720	65	.02	.00	.02	4.	*	28 SEP 0925	258	.00	.00	0.
27 SEP 1725	66	.03	.00	.03	4.	*	28 SEP 0930	259	.00	.00	0.

27 SEP 1730	67	.03	.00	.03	4.	*	28 SEP 0935	260	.00	.00	.00	0.
27 SEP 1735	68	.02	.00	.02	4.	*	28 SEP 0940	261	.00	.00	.00	0.
27 SEP 1740	69	.02	.00	.02	4.	*	28 SEP 0945	262	.00	.00	.00	0.
27 SEP 1745	70	.01	.00	.01	4.	*	28 SEP 0950	263	.00	.00	.00	0.
27 SEP 1750	71	.03	.00	.03	4.	*	28 SEP 0955	264	.00	.00	.00	0.
27 SEP 1755	72	.01	.00	.01	3.	*	28 SEP 1000	265	.00	.00	.00	0.
27 SEP 1800	73	.01	.00	.01	3.	*	28 SEP 1005	266	.00	.00	.00	0.
27 SEP 1805	74	.00	.00	.00	2.	*	28 SEP 1010	267	.00	.00	.00	0.
27 SEP 1810	75	.00	.00	.00	1.	*	28 SEP 1015	268	.00	.00	.00	0.
27 SEP 1815	76	.00	.00	.00	0.	*	28 SEP 1020	269	.00	.00	.00	0.
27 SEP 1820	77	.00	.00	.00	0.	*	28 SEP 1025	270	.00	.00	.00	0.
27 SEP 1825	78	.00	.00	.00	0.	*	28 SEP 1030	271	.00	.00	.00	0.
27 SEP 1830	79	.00	.00	.00	0.	*	28 SEP 1035	272	.00	.00	.00	0.
27 SEP 1835	80	.00	.00	.00	0.	*	28 SEP 1040	273	.00	.00	.00	0.
27 SEP 1840	81	.00	.00	.00	0.	*	28 SEP 1045	274	.00	.00	.00	0.
27 SEP 1845	82	.00	.00	.00	0.	*	28 SEP 1050	275	.00	.00	.00	0.
27 SEP 1850	83	.00	.00	.00	0.	*	28 SEP 1055	276	.00	.00	.00	0.
27 SEP 1855	84	.00	.00	.00	0.	*	28 SEP 1100	277	.00	.00	.00	0.
27 SEP 1900	85	.00	.00	.00	0.	*	28 SEP 1105	278	.00	.00	.00	0.
27 SEP 1905	86	.00	.00	.00	0.	*	28 SEP 1110	279	.00	.00	.00	0.
27 SEP 1910	87	.00	.00	.00	0.	*	28 SEP 1115	280	.00	.00	.00	0.
27 SEP 1915	88	.00	.00	.00	0.	*	28 SEP 1120	281	.00	.00	.00	0.
27 SEP 1920	89	.00	.00	.00	0.	*	28 SEP 1125	282	.00	.00	.00	0.
27 SEP 1925	90	.00	.00	.00	0.	*	28 SEP 1130	283	.00	.00	.00	0.
27 SEP 1930	91	.00	.00	.00	0.	*	28 SEP 1135	284	.00	.00	.00	0.
27 SEP 1935	92	.00	.00	.00	0.	*	28 SEP 1140	285	.00	.00	.00	0.
27 SEP 1940	93	.00	.00	.00	0.	*	28 SEP 1145	286	.00	.00	.00	0.
27 SEP 1945	94	.00	.00	.00	0.	*	28 SEP 1150	287	.00	.00	.00	0.
27 SEP 1950	95	.00	.00	.00	0.	*	28 SEP 1155	288	.00	.00	.00	0.
27 SEP 1955	96	.00	.00	.00	0.	*	28 SEP 1200	289	.00	.00	.00	0.
27 SEP 2000	97	.00	.00	.00	0.	*	28 SEP 1205	290	.00	.00	.00	0.
27 SEP 2005	98	.00	.00	.00	0.	*	28 SEP 1210	291	.00	.00	.00	0.
27 SEP 2010	99	.00	.00	.00	0.	*	28 SEP 1215	292	.00	.00	.00	0.
27 SEP 2015	100	.00	.00	.00	0.	*	28 SEP 1220	293	.00	.00	.00	0.
27 SEP 2020	101	.00	.00	.00	0.	*	28 SEP 1225	294	.00	.00	.00	0.
27 SEP 2025	102	.00	.00	.00	0.	*	28 SEP 1230	295	.00	.00	.00	0.
27 SEP 2030	103	.00	.00	.00	0.	*	28 SEP 1235	296	.00	.00	.00	0.
27 SEP 2035	104	.00	.00	.00	0.	*	28 SEP 1240	297	.00	.00	.00	0.
27 SEP 2040	105	.00	.00	.00	0.	*	28 SEP 1245	298	.00	.00	.00	0.
27 SEP 2045	106	.00	.00	.00	0.	*	28 SEP 1250	299	.00	.00	.00	0.
27 SEP 2050	107	.00	.00	.00	0.	*	28 SEP 1255	300	.00	.00	.00	0.
27 SEP 2055	108	.00	.00	.00	0.	*	28 SEP 1300	301	.00	.00	.00	0.
27 SEP 2100	109	.00	.00	.00	0.	*	28 SEP 1305	302	.00	.00	.00	0.
27 SEP 2105	110	.00	.00	.00	0.	*	28 SEP 1310	303	.00	.00	.00	0.
27 SEP 2110	111	.00	.00	.00	0.	*	28 SEP 1315	304	.00	.00	.00	0.
27 SEP 2115	112	.00	.00	.00	0.	*	28 SEP 1320	305	.00	.00	.00	0.
27 SEP 2120	113	.00	.00	.00	0.	*	28 SEP 1325	306	.00	.00	.00	0.
27 SEP 2125	114	.00	.00	.00	0.	*	28 SEP 1330	307	.00	.00	.00	0.

27	SEP	2130	115	.00	.00	.00	0.	*	28	SEP	1335	308	.00	.00	.00	0.
27	SEP	2135	116	.00	.00	.00	0.	*	28	SEP	1340	309	.00	.00	.00	0.
27	SEP	2140	117	.00	.00	.00	0.	*	28	SEP	1345	310	.00	.00	.00	0.
27	SEP	2145	118	.00	.00	.00	0.	*	28	SEP	1350	311	.00	.00	.00	0.
27	SEP	2150	119	.00	.00	.00	0.	*	28	SEP	1355	312	.00	.00	.00	0.
27	SEP	2155	120	.00	.00	.00	0.	*	28	SEP	1400	313	.00	.00	.00	0.
27	SEP	2200	121	.00	.00	.00	0.	*	28	SEP	1405	314	.00	.00	.00	0.
27	SEP	2205	122	.00	.00	.00	0.	*	28	SEP	1410	315	.00	.00	.00	0.
27	SEP	2210	123	.00	.00	.00	0.	*	28	SEP	1415	316	.00	.00	.00	0.
27	SEP	2215	124	.00	.00	.00	0.	*	28	SEP	1420	317	.00	.00	.00	0.
27	SEP	2220	125	.00	.00	.00	0.	*	28	SEP	1425	318	.00	.00	.00	0.
27	SEP	2225	126	.00	.00	.00	0.	*	28	SEP	1430	319	.00	.00	.00	0.
27	SEP	2230	127	.00	.00	.00	0.	*	28	SEP	1435	320	.00	.00	.00	0.
27	SEP	2235	128	.00	.00	.00	0.	*	28	SEP	1440	321	.00	.00	.00	0.
27	SEP	2240	129	.00	.00	.00	0.	*	28	SEP	1445	322	.00	.00	.00	0.
27	SEP	2245	130	.00	.00	.00	0.	*	28	SEP	1450	323	.00	.00	.00	0.
27	SEP	2250	131	.00	.00	.00	0.	*	28	SEP	1455	324	.00	.00	.00	0.
27	SEP	2255	132	.00	.00	.00	0.	*	28	SEP	1500	325	.00	.00	.00	0.
27	SEP	2300	133	.00	.00	.00	0.	*	28	SEP	1505	326	.00	.00	.00	0.
27	SEP	2305	134	.00	.00	.00	0.	*	28	SEP	1510	327	.00	.00	.00	0.
27	SEP	2310	135	.00	.00	.00	0.	*	28	SEP	1515	328	.00	.00	.00	0.
27	SEP	2315	136	.00	.00	.00	0.	*	28	SEP	1520	329	.00	.00	.00	0.
27	SEP	2320	137	.00	.00	.00	0.	*	28	SEP	1525	330	.00	.00	.00	0.
27	SEP	2325	138	.00	.00	.00	0.	*	28	SEP	1530	331	.00	.00	.00	0.
27	SEP	2330	139	.00	.00	.00	0.	*	28	SEP	1535	332	.00	.00	.00	0.
27	SEP	2335	140	.00	.00	.00	0.	*	28	SEP	1540	333	.00	.00	.00	0.
27	SEP	2340	141	.00	.00	.00	0.	*	28	SEP	1545	334	.00	.00	.00	0.
27	SEP	2345	142	.00	.00	.00	0.	*	28	SEP	1550	335	.00	.00	.00	0.
27	SEP	2350	143	.00	.00	.00	0.	*	28	SEP	1555	336	.00	.00	.00	0.
27	SEP	2355	144	.00	.00	.00	0.	*	28	SEP	1600	337	.00	.00	.00	0.
28	SEP	0000	145	.00	.00	.00	0.	*	28	SEP	1605	338	.00	.00	.00	0.
28	SEP	0005	146	.00	.00	.00	0.	*	28	SEP	1610	339	.00	.00	.00	0.
28	SEP	0010	147	.00	.00	.00	0.	*	28	SEP	1615	340	.00	.00	.00	0.
28	SEP	0015	148	.00	.00	.00	0.	*	28	SEP	1620	341	.00	.00	.00	0.
28	SEP	0020	149	.00	.00	.00	0.	*	28	SEP	1625	342	.00	.00	.00	0.
28	SEP	0025	150	.00	.00	.00	0.	*	28	SEP	1630	343	.00	.00	.00	0.
28	SEP	0030	151	.00	.00	.00	0.	*	28	SEP	1635	344	.00	.00	.00	0.
28	SEP	0035	152	.00	.00	.00	0.	*	28	SEP	1640	345	.00	.00	.00	0.
28	SEP	0040	153	.00	.00	.00	0.	*	28	SEP	1645	346	.00	.00	.00	0.
28	SEP	0045	154	.00	.00	.00	0.	*	28	SEP	1650	347	.00	.00	.00	0.
28	SEP	0050	155	.00	.00	.00	0.	*	28	SEP	1655	348	.00	.00	.00	0.
28	SEP	0055	156	.00	.00	.00	0.	*	28	SEP	1700	349	.00	.00	.00	0.
28	SEP	0100	157	.00	.00	.00	0.	*	28	SEP	1705	350	.00	.00	.00	0.
28	SEP	0105	158	.00	.00	.00	0.	*	28	SEP	1710	351	.00	.00	.00	0.
28	SEP	0110	159	.00	.00	.00	0.	*	28	SEP	1715	352	.00	.00	.00	0.
28	SEP	0115	160	.00	.00	.00	0.	*	28	SEP	1720	353	.00	.00	.00	0.
28	SEP	0120	161	.00	.00	.00	0.	*	28	SEP	1725	354	.00	.00	.00	0.
28	SEP	0125	162	.00	.00	.00	0.	*	28	SEP	1730	355	.00	.00	.00	0.

28	SEP	0130	163	.00	.00	.00	0.	*	28 SEP 1735	356	.00	.00	.00	0.
28	SEP	0135	164	.00	.00	.00	0.	*	28 SEP 1740	357	.00	.00	.00	0.
28	SEP	0140	165	.00	.00	.00	0.	*	28 SEP 1745	358	.00	.00	.00	0.
28	SEP	0145	166	.00	.00	.00	0.	*	28 SEP 1750	359	.00	.00	.00	0.
28	SEP	0150	167	.00	.00	.00	0.	*	28 SEP 1755	360	.00	.00	.00	0.
28	SEP	0155	168	.00	.00	.00	0.	*	28 SEP 1800	361	.00	.00	.00	0.
28	SEP	0200	169	.00	.00	.00	0.	*	28 SEP 1805	362	.00	.00	.00	0.
28	SEP	0205	170	.00	.00	.00	0.	*	28 SEP 1810	363	.00	.00	.00	0.
28	SEP	0210	171	.00	.00	.00	0.	*	28 SEP 1815	364	.00	.00	.00	0.
28	SEP	0215	172	.00	.00	.00	0.	*	28 SEP 1820	365	.00	.00	.00	0.
28	SEP	0220	173	.00	.00	.00	0.	*	28 SEP 1825	366	.00	.00	.00	0.
28	SEP	0225	174	.00	.00	.00	0.	*	28 SEP 1830	367	.00	.00	.00	0.
28	SEP	0230	175	.00	.00	.00	0.	*	28 SEP 1835	368	.00	.00	.00	0.
28	SEP	0235	176	.00	.00	.00	0.	*	28 SEP 1840	369	.00	.00	.00	0.
28	SEP	0240	177	.00	.00	.00	0.	*	28 SEP 1845	370	.00	.00	.00	0.
28	SEP	0245	178	.00	.00	.00	0.	*	28 SEP 1850	371	.00	.00	.00	0.
28	SEP	0250	179	.00	.00	.00	0.	*	28 SEP 1855	372	.00	.00	.00	0.
28	SEP	0255	180	.00	.00	.00	0.	*	28 SEP 1900	373	.00	.00	.00	0.
28	SEP	0300	181	.00	.00	.00	0.	*	28 SEP 1905	374	.00	.00	.00	0.
28	SEP	0305	182	.00	.00	.00	0.	*	28 SEP 1910	375	.00	.00	.00	0.
28	SEP	0310	183	.00	.00	.00	0.	*	28 SEP 1915	376	.00	.00	.00	0.
28	SEP	0315	184	.00	.00	.00	0.	*	28 SEP 1920	377	.00	.00	.00	0.
28	SEP	0320	185	.00	.00	.00	0.	*	28 SEP 1925	378	.00	.00	.00	0.
28	SEP	0325	186	.00	.00	.00	0.	*	28 SEP 1930	379	.00	.00	.00	0.
28	SEP	0330	187	.00	.00	.00	0.	*	28 SEP 1935	380	.00	.00	.00	0.
28	SEP	0335	188	.00	.00	.00	0.	*	28 SEP 1940	381	.00	.00	.00	0.
28	SEP	0340	189	.00	.00	.00	0.	*	28 SEP 1945	382	.00	.00	.00	0.
28	SEP	0345	190	.00	.00	.00	0.	*	28 SEP 1950	383	.00	.00	.00	0.
28	SEP	0350	191	.00	.00	.00	0.	*	28 SEP 1955	384	.00	.00	.00	0.
28	SEP	0355	192	.00	.00	.00	0.	*	28 SEP 2000	385	.00	.00	.00	0.
28	SEP	0400	193	.00	.00	.00	0.	*						
								*						

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TOTAL RAINFALL = 5.90, TOTAL LOSS = 2.41, TOTAL EXCESS = 3.49

	PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
				6-HR	24-HR	72-HR	32.00-HR
+	(CFS)	(HR)					
			(CFS)				
+	72.	3.17		9.	2.	2.	2.
			(INCHES)	3.491	3.491	3.491	3.491
			(AC-FT)	5.	5.	5.	5.

CUMULATIVE AREA = .03 SQ MI

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              *            *
37 KK         *    COMB    *
              *            *
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38 HC           HYDROGRAPH COMBINATION
                     ICOMP          2  NUMBER OF HYDROGRAPHS TO COMBINE
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HYDROGRAPH AT STATION COMB
SUM OF 2 HYDROGRAPHS
PLAN 1, RATIO = 5.90

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DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW
27	SEP	1200	1	0.	*	27	SEP	2005	98	0.	*	28	SEP	0410	195	0.	*	28	SEP	1215	292	0.
27	SEP	1205	2	0.	*	27	SEP	2010	99	0.	*	28	SEP	0415	196	0.	*	28	SEP	1220	293	0.
27	SEP	1210	3	0.	*	27	SEP	2015	100	0.	*	28	SEP	0420	197	0.	*	28	SEP	1225	294	0.
27	SEP	1215	4	0.	*	27	SEP	2020	101	0.	*	28	SEP	0425	198	0.	*	28	SEP	1230	295	0.
27	SEP	1220	5	0.	*	27	SEP	2025	102	0.	*	28	SEP	0430	199	0.	*	28	SEP	1235	296	0.
27	SEP	1225	6	0.	*	27	SEP	2030	103	0.	*	28	SEP	0435	200	0.	*	28	SEP	1240	297	0.
27	SEP	1230	7	0.	*	27	SEP	2035	104	0.	*	28	SEP	0440	201	0.	*	28	SEP	1245	298	0.
27	SEP	1235	8	0.	*	27	SEP	2040	105	0.	*	28	SEP	0445	202	0.	*	28	SEP	1250	299	0.
27	SEP	1240	9	0.	*	27	SEP	2045	106	0.	*	28	SEP	0450	203	0.	*	28	SEP	1255	300	0.
27	SEP	1245	10	0.	*	27	SEP	2050	107	0.	*	28	SEP	0455	204	0.	*	28	SEP	1300	301	0.
27	SEP	1250	11	0.	*	27	SEP	2055	108	0.	*	28	SEP	0500	205	0.	*	28	SEP	1305	302	0.
27	SEP	1255	12	0.	*	27	SEP	2100	109	0.	*	28	SEP	0505	206	0.	*	28	SEP	1310	303	0.
27	SEP	1300	13	0.	*	27	SEP	2105	110	0.	*	28	SEP	0510	207	0.	*	28	SEP	1315	304	0.
27	SEP	1305	14	0.	*	27	SEP	2110	111	0.	*	28	SEP	0515	208	0.	*	28	SEP	1320	305	0.
27	SEP	1310	15	0.	*	27	SEP	2115	112	0.	*	28	SEP	0520	209	0.	*	28	SEP	1325	306	0.
27	SEP	1315	16	0.	*	27	SEP	2120	113	0.	*	28	SEP	0525	210	0.	*	28	SEP	1330	307	0.
27	SEP	1320	17	0.	*	27	SEP	2125	114	0.	*	28	SEP	0530	211	0.	*	28	SEP	1335	308	0.
27	SEP	1325	18	0.	*	27	SEP	2130	115	0.	*	28	SEP	0535	212	0.	*	28	SEP	1340	309	0.
27	SEP	1330	19	0.	*	27	SEP	2135	116	0.	*	28	SEP	0540	213	0.	*	28	SEP	1345	310	0.
27	SEP	1335	20	0.	*	27	SEP	2140	117	0.	*	28	SEP	0545	214	0.	*	28	SEP	1350	311	0.
27	SEP	1340	21	0.	*	27	SEP	2145	118	0.	*	28	SEP	0550	215	0.	*	28	SEP	1355	312	0.
27	SEP	1345	22	0.	*	27	SEP	2150	119	0.	*	28	SEP	0555	216	0.	*	28	SEP	1400	313	0.
27	SEP	1350	23	0.	*	27	SEP	2155	120	0.	*	28	SEP	0600	217	0.	*	28	SEP	1405	314	0.

27	SEP	1355	24	0.	*	27	SEP	2200	121	0.	*	28	SEP	0605	218	0.	*	28	SEP	1410	315	0.
27	SEP	1400	25	0.	*	27	SEP	2205	122	0.	*	28	SEP	0610	219	0.	*	28	SEP	1415	316	0.
27	SEP	1405	26	0.	*	27	SEP	2210	123	0.	*	28	SEP	0615	220	0.	*	28	SEP	1420	317	0.
27	SEP	1410	27	1.	*	27	SEP	2215	124	0.	*	28	SEP	0620	221	0.	*	28	SEP	1425	318	0.
27	SEP	1415	28	2.	*	27	SEP	2220	125	0.	*	28	SEP	0625	222	0.	*	28	SEP	1430	319	0.
27	SEP	1420	29	3.	*	27	SEP	2225	126	0.	*	28	SEP	0630	223	0.	*	28	SEP	1435	320	0.
27	SEP	1425	30	4.	*	27	SEP	2230	127	0.	*	28	SEP	0635	224	0.	*	28	SEP	1440	321	0.
27	SEP	1430	31	6.	*	27	SEP	2235	128	0.	*	28	SEP	0640	225	0.	*	28	SEP	1445	322	0.
27	SEP	1435	32	8.	*	27	SEP	2240	129	0.	*	28	SEP	0645	226	0.	*	28	SEP	1450	323	0.
27	SEP	1440	33	11.	*	27	SEP	2245	130	0.	*	28	SEP	0650	227	0.	*	28	SEP	1455	324	0.
27	SEP	1445	34	15.	*	27	SEP	2250	131	0.	*	28	SEP	0655	228	0.	*	28	SEP	1500	325	0.
27	SEP	1450	35	23.	*	27	SEP	2255	132	0.	*	28	SEP	0700	229	0.	*	28	SEP	1505	326	0.
27	SEP	1455	36	41.	*	27	SEP	2300	133	0.	*	28	SEP	0705	230	0.	*	28	SEP	1510	327	0.
27	SEP	1500	37	76.	*	27	SEP	2305	134	0.	*	28	SEP	0710	231	0.	*	28	SEP	1515	328	0.
27	SEP	1505	38	110.	*	27	SEP	2310	135	0.	*	28	SEP	0715	232	0.	*	28	SEP	1520	329	0.
27	SEP	1510	39	112.	*	27	SEP	2315	136	0.	*	28	SEP	0720	233	0.	*	28	SEP	1525	330	0.
27	SEP	1515	40	97.	*	27	SEP	2320	137	0.	*	28	SEP	0725	234	0.	*	28	SEP	1530	331	0.
27	SEP	1520	41	81.	*	27	SEP	2325	138	0.	*	28	SEP	0730	235	0.	*	28	SEP	1535	332	0.
27	SEP	1525	42	64.	*	27	SEP	2330	139	0.	*	28	SEP	0735	236	0.	*	28	SEP	1540	333	0.
27	SEP	1530	43	50.	*	27	SEP	2335	140	0.	*	28	SEP	0740	237	0.	*	28	SEP	1545	334	0.
27	SEP	1535	44	40.	*	27	SEP	2340	141	0.	*	28	SEP	0745	238	0.	*	28	SEP	1550	335	0.
27	SEP	1540	45	33.	*	27	SEP	2345	142	0.	*	28	SEP	0750	239	0.	*	28	SEP	1555	336	0.
27	SEP	1545	46	27.	*	27	SEP	2350	143	0.	*	28	SEP	0755	240	0.	*	28	SEP	1600	337	0.
27	SEP	1550	47	23.	*	27	SEP	2355	144	0.	*	28	SEP	0800	241	0.	*	28	SEP	1605	338	0.
27	SEP	1555	48	20.	*	28	SEP	0000	145	0.	*	28	SEP	0805	242	0.	*	28	SEP	1610	339	0.
27	SEP	1600	49	17.	*	28	SEP	0005	146	0.	*	28	SEP	0810	243	0.	*	28	SEP	1615	340	0.
27	SEP	1605	50	14.	*	28	SEP	0010	147	0.	*	28	SEP	0815	244	0.	*	28	SEP	1620	341	0.
27	SEP	1610	51	12.	*	28	SEP	0015	148	0.	*	28	SEP	0820	245	0.	*	28	SEP	1625	342	0.
27	SEP	1615	52	11.	*	28	SEP	0020	149	0.	*	28	SEP	0825	246	0.	*	28	SEP	1630	343	0.
27	SEP	1620	53	10.	*	28	SEP	0025	150	0.	*	28	SEP	0830	247	0.	*	28	SEP	1635	344	0.
27	SEP	1625	54	8.	*	28	SEP	0030	151	0.	*	28	SEP	0835	248	0.	*	28	SEP	1640	345	0.
27	SEP	1630	55	7.	*	28	SEP	0035	152	0.	*	28	SEP	0840	249	0.	*	28	SEP	1645	346	0.
27	SEP	1635	56	8.	*	28	SEP	0040	153	0.	*	28	SEP	0845	250	0.	*	28	SEP	1650	347	0.
27	SEP	1640	57	9.	*	28	SEP	0045	154	0.	*	28	SEP	0850	251	0.	*	28	SEP	1655	348	0.
27	SEP	1645	58	8.	*	28	SEP	0050	155	0.	*	28	SEP	0855	252	0.	*	28	SEP	1700	349	0.
27	SEP	1650	59	7.	*	28	SEP	0055	156	0.	*	28	SEP	0900	253	0.	*	28	SEP	1705	350	0.
27	SEP	1655	60	7.	*	28	SEP	0100	157	0.	*	28	SEP	0905	254	0.	*	28	SEP	1710	351	0.
27	SEP	1700	61	8.	*	28	SEP	0105	158	0.	*	28	SEP	0910	255	0.	*	28	SEP	1715	352	0.
27	SEP	1705	62	9.	*	28	SEP	0110	159	0.	*	28	SEP	0915	256	0.	*	28	SEP	1720	353	0.
27	SEP	1710	63	8.	*	28	SEP	0115	160	0.	*	28	SEP	0920	257	0.	*	28	SEP	1725	354	0.
27	SEP	1715	64	7.	*	28	SEP	0120	161	0.	*	28	SEP	0925	258	0.	*	28	SEP	1730	355	0.
27	SEP	1720	65	6.	*	28	SEP	0125	162	0.	*	28	SEP	0930	259	0.	*	28	SEP	1735	356	0.
27	SEP	1725	66	6.	*	28	SEP	0130	163	0.	*	28	SEP	0935	260	0.	*	28	SEP	1740	357	0.
27	SEP	1730	67	7.	*	28	SEP	0135	164	0.	*	28	SEP	0940	261	0.	*	28	SEP	1745	358	0.
27	SEP	1735	68	7.	*	28	SEP	0140	165	0.	*	28	SEP	0945	262	0.	*	28	SEP	1750	359	0.
27	SEP	1740	69	7.	*	28	SEP	0145	166	0.	*	28	SEP	0950	263	0.	*	28	SEP	1755	360	0.
27	SEP	1745	70	6.	*	28	SEP	0150	167	0.	*	28	SEP	0955	264	0.	*	28	SEP	1800	361	0.
27	SEP	1750	71	6.	*	28	SEP	0155	168	0.	*	28	SEP	1000	265	0.	*	28	SEP	1805	362	0.

27	SEP	1755	72	5.	*	28	SEP	0200	169	0.	*	28	SEP	1005	266	0.	*	28	SEP	1810	363	0.
27	SEP	1800	73	4.	*	28	SEP	0205	170	0.	*	28	SEP	1010	267	0.	*	28	SEP	1815	364	0.
27	SEP	1805	74	3.	*	28	SEP	0210	171	0.	*	28	SEP	1015	268	0.	*	28	SEP	1820	365	0.
27	SEP	1810	75	2.	*	28	SEP	0215	172	0.	*	28	SEP	1020	269	0.	*	28	SEP	1825	366	0.
27	SEP	1815	76	1.	*	28	SEP	0220	173	0.	*	28	SEP	1025	270	0.	*	28	SEP	1830	367	0.
27	SEP	1820	77	0.	*	28	SEP	0225	174	0.	*	28	SEP	1030	271	0.	*	28	SEP	1835	368	0.
27	SEP	1825	78	0.	*	28	SEP	0230	175	0.	*	28	SEP	1035	272	0.	*	28	SEP	1840	369	0.
27	SEP	1830	79	0.	*	28	SEP	0235	176	0.	*	28	SEP	1040	273	0.	*	28	SEP	1845	370	0.
27	SEP	1835	80	0.	*	28	SEP	0240	177	0.	*	28	SEP	1045	274	0.	*	28	SEP	1850	371	0.
27	SEP	1840	81	0.	*	28	SEP	0245	178	0.	*	28	SEP	1050	275	0.	*	28	SEP	1855	372	0.
27	SEP	1845	82	0.	*	28	SEP	0250	179	0.	*	28	SEP	1055	276	0.	*	28	SEP	1900	373	0.
27	SEP	1850	83	0.	*	28	SEP	0255	180	0.	*	28	SEP	1100	277	0.	*	28	SEP	1905	374	0.
27	SEP	1855	84	0.	*	28	SEP	0300	181	0.	*	28	SEP	1105	278	0.	*	28	SEP	1910	375	0.
27	SEP	1900	85	0.	*	28	SEP	0305	182	0.	*	28	SEP	1110	279	0.	*	28	SEP	1915	376	0.
27	SEP	1905	86	0.	*	28	SEP	0310	183	0.	*	28	SEP	1115	280	0.	*	28	SEP	1920	377	0.
27	SEP	1910	87	0.	*	28	SEP	0315	184	0.	*	28	SEP	1120	281	0.	*	28	SEP	1925	378	0.
27	SEP	1915	88	0.	*	28	SEP	0320	185	0.	*	28	SEP	1125	282	0.	*	28	SEP	1930	379	0.
27	SEP	1920	89	0.	*	28	SEP	0325	186	0.	*	28	SEP	1130	283	0.	*	28	SEP	1935	380	0.
27	SEP	1925	90	0.	*	28	SEP	0330	187	0.	*	28	SEP	1135	284	0.	*	28	SEP	1940	381	0.
27	SEP	1930	91	0.	*	28	SEP	0335	188	0.	*	28	SEP	1140	285	0.	*	28	SEP	1945	382	0.
27	SEP	1935	92	0.	*	28	SEP	0340	189	0.	*	28	SEP	1145	286	0.	*	28	SEP	1950	383	0.
27	SEP	1940	93	0.	*	28	SEP	0345	190	0.	*	28	SEP	1150	287	0.	*	28	SEP	1955	384	0.
27	SEP	1945	94	0.	*	28	SEP	0350	191	0.	*	28	SEP	1155	288	0.	*	28	SEP	2000	385	0.
27	SEP	1950	95	0.	*	28	SEP	0355	192	0.	*	28	SEP	1200	289	0.	*					
27	SEP	1955	96	0.	*	28	SEP	0400	193	0.	*	28	SEP	1205	290	0.	*					
27	SEP	2000	97	0.	*	28	SEP	0405	194	0.	*	28	SEP	1210	291	0.	*					
					*						*						*					

****

PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	32.00-HR
+ (CFS)	(HR)					
		(CFS)				
+ 112.	3.17		15.	4.	3.	3.
		(INCHES)	3.491	3.491	3.491	3.491
		(AC-FT)	7.	7.	7.	7.

CUMULATIVE AREA = .04 SQ MI

1

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

OPERATION	STATION	AREA	PLAN	RATIOS APPLIED TO PRECIPITATION
				RATIO 1

					5.90
HYDROGRAPH AT					
+	OFFST	.01	1	FLOW	40.
				TIME	3.17
ROUTED TO					
+	RTE1	.01	1	FLOW	40.
				TIME	3.17
HYDROGRAPH AT					
+	UNDEV	.03	1	FLOW	72.
				TIME	3.17
2 COMBINED AT					
+	COMB	.04	1	FLOW	112.
				TIME	3.17

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

Circular Pond Sizing with Elevations

Floor Area (Acres)	0.83
Floor Elevation (ft)	1373.00
Static Pool Elevation (ft)	1373.00
Side Slopes to Static (_ :1)	4
Side Slopes beyond Static (_ :1)	5

Elevation (ft)	Radius (ft)	Area (ft^2)	Area (Acres)	Storage (ft^3)	Storage (C.Y.)	Storage (Ac-ft)
1373.00	107.28	36154.80	0.83	0.00	0.00	0.00
1373.00	107.28	36154.80	0.83	0.00	0.00	0.00
1373.00	107.28	36154.80	0.83	0.00	0.00	0.00
1373.00	107.28	36154.80	0.83	0.00	0.00	0.00
1373.00	107.28	36154.80	0.83	0.00	0.00	0.00
1373.00	107.28	36154.80	0.83	0.00	0.00	0.00
1373.00	107.28	36154.80	0.83	0.00	0.00	0.00
1373.00	107.28	36154.80	0.83	0.00	0.00	0.00
1373.00	107.28	36154.80	0.83	0.00	0.00	0.00
1373.00	107.28	36154.80	0.83	0.00	0.00	0.00
1373.00	107.28	36154.80	0.83	0.00	0.00	0.00
1374.00	112.28	39603.56	0.91	37879.18	1402.93	0.87
1375.00	117.28	43209.39	0.99	79364.19	2939.41	1.82
1376.00	122.28	46972.31	1.08	124690.67	4618.17	2.86
1377.00	127.28	50892.31	1.17	174094.21	6447.93	4.00
1378.00	132.28	54969.38	1.26	227810.46	8437.42	5.23
1379.00	137.28	59203.54	1.36	286075.01	10595.37	6.57
1380.00	142.28	63594.77	1.46	349123.51	12930.50	8.01
1381.00	147.28	68143.09	1.56	417191.55	15451.54	9.58

Assumed Outlet Condition for Proposed Pond

112.0 Maximum Q (cfs)
8.000 Weir Width (feet)
1373.00 Weir Elevation
2.700 Weir Flow Coeffecient (Never > 3.089)

Q (cfs)	Weir Width (feet)	Weir Elevation	q	Weir Flow Coeff.	Energy Head (feet)	**Water Surface Elevation**
0.0	8.000	1373.00	0.0	2.700	0.00	**1373.00**
11.2	8.000	1373.00	1.4	2.700	0.65	**1373.65**
22.4	8.000	1373.00	2.8	2.700	1.02	**1374.02**
33.6	8.000	1373.00	4.2	2.700	1.34	**1374.34**
44.8	8.000	1373.00	5.6	2.700	1.63	**1374.63**
56.0	8.000	1373.00	7.0	2.700	1.89	**1374.89**
67.2	8.000	1373.00	8.4	2.700	2.13	**1375.13**
78.4	8.000	1373.00	9.8	2.700	2.36	**1375.36**
89.6	8.000	1373.00	11.2	2.700	2.58	**1375.58**
100.8	8.000	1373.00	12.6	2.700	2.79	**1375.79**
112.0	8.000	1373.00	14.0	2.700	3.00	**1376.00**
123.2	8.000	1373.00	15.4	2.700	3.19	**1376.19**
134.4	8.000	1373.00	16.8	2.700	3.38	**1376.38**
145.6	8.000	1373.00	18.2	2.700	3.57	**1376.57**

HECIN.OUT

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1****************************************
*                                      *
*   FLOOD HYDROGRAPH PACKAGE  (HEC-1)  *
*              JUN  1998               *
*            VERSION 4.1               *
*                                      *
*  RUN DATE   20APR06  TIME  15:30:30  *
*                                      *
****************************************
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****************************************
*                                      *
*    U.S. ARMY CORPS OF ENGINEERS      *
*    HYDROLOGIC ENGINEERING CENTER     *
*         609 SECOND STREET            *
*       DAVIS, CALIFORNIA 95616        *
*           (916) 756-1104             *
*                                      *
****************************************
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```
X     X  XXXXXXX   XXXXX          X
X     X  X        X     X        XX
X     X  X        X              X
XXXXXXX  XXXX     X        XXXXX  X
X     X  X        X              X
X     X  X        X     X        X
X     X  XXXXXXX   XXXXX         XXX
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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

```
          LINE          ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10
            1           ID      Dillon 12th
            2           ID      Proposed Conditions for 100-Yr Storm
            3           ID      Basin #2
            4           ID      By BMM     DATE 04-20-06
*** LIST ***
*** FREE ***
                        *DIAGRAM
            5           IT      05 27SEP99    1200       0 28SEP99    2000
            6           IN      05 27SEP99    1200
            7           IO       0       4
```

```
 8          JR    PREC     5.9
            *
            *
            *
            *  Offsite Drainage

 9          KK    OFFST
10          BA    0.014
11          PB     1.00
12          PC    0.000   0.001   0.006   0.011   0.014   0.018   0.022   0.028   0.031   0.035
13          PC    0.038   0.042   0.047   0.053   0.057   0.061   0.066   0.070   0.076   0.081
14          PC    0.088   0.094   0.098   0.106   0.113   0.122   0.133   0.146   0.160   0.176
15          PC    0.195   0.217   0.244   0.281   0.333   0.433   0.577   0.647   0.707   0.750
16          PC    0.780   0.805   0.824   0.841   0.856   0.868   0.878   0.889   0.895   0.901
17          PC    0.907   0.914   0.918   0.919   0.928   0.933   0.939   0.942   0.946   0.953
18          PC    0.959   0.963   0.967   0.969   0.973   0.978   0.983   0.987   0.991   0.993
19          PC    0.998   0.999   1.000
20          LS        0      78       0
21          UD    0.150
            *
            *
            *

22          KK     RTE1
23          RT        0       0    0.60
            *
            *
            *
            *  Basin 2

24          KK    DEVEL
25          BA    0.029
26          PB     1.00
27          PC    0.000   0.001   0.006   0.011   0.014   0.018   0.022   0.028   0.031   0.035
28          PC    0.038   0.042   0.047   0.053   0.057   0.061   0.066   0.070   0.076   0.081
29          PC    0.088   0.094   0.098   0.106   0.113   0.122   0.133   0.146   0.160   0.176
30          PC    0.195   0.217   0.244   0.281   0.333   0.433   0.577   0.647   0.707   0.750
31          PC    0.780   0.805   0.824   0.841   0.856   0.868   0.878   0.889   0.895   0.901
32          PC    0.907   0.914   0.918   0.919   0.928   0.933   0.939   0.942   0.946   0.953
33          PC    0.959   0.963   0.967   0.969   0.973   0.978   0.983   0.987   0.991   0.993
34          PC    0.998   0.999   1.000
35          LS        0      78      85
36          UD    0.150
            *
            *
```

```
            37          KK    COMB
                        *
                        *
            38          HC       2       0
                        *
            39          KK   POND1
                        *    8' Weir to North Property Line
            40          RS       1    ELEV  1373.0
            41          SA    0.83    0.91    0.99    1.08    1.17
            42          SE  1373.0  1374.0  1375.0  1376.0  1377.0
            43          SQ       0    11.2    22.4    33.6    44.8    56.0    67.2    78.4    89.6   100.8
            44          SQ   112.0   123.2   134.4   145.6
            45          SE 1373.00 1373.65 1374.02 1374.34 1374.63 1374.89 1375.13 1375.36 1375.58 1375.79
            46          SE 1376.00 1376.19 1376.38 1376.57
                        *
                        *
                        *
            47          ZZ
1
                SCHEMATIC DIAGRAM OF STREAM NETWORK

 INPUT
  LINE      (V) ROUTING          (--->) DIVERSION OR PUMP FLOW

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

     9       OFFST
               V
               V
    22        RTE1
               .
               .
    24         .       DEVEL
               .           .
               .           .
    37        COMB.........
               V
               V
    39       POND1

 (***) RUNOFF ALSO COMPUTED AT THIS LOCATION
1****************************************
 *                                      *
 *   FLOOD HYDROGRAPH PACKAGE  (HEC-1)  *
 *             JUN  1998                *
 *           VERSION 4.1                *
 *                                      *
 ****************************************

 ****************************************
 *                                      *
 *    U.S. ARMY CORPS OF ENGINEERS      *
 *    HYDROLOGIC ENGINEERING CENTER     *
 *          609 SECOND STREET           *
 *                                      *
```

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*                                       *
*  RUN DATE   20APR06  TIME  15:30:30    *
*                                       *
*****************************************
```

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*       DAVIS, CALIFORNIA 95616       *
*           (916) 756-1104            *
*                                     *
***************************************
```

Dillon 12th
Proposed Conditions for 100-Yr Storm
Basin #2
By BMM DATE 04-20-06

7 IO OUTPUT CONTROL VARIABLES

IPRNT	0	PRINT CONTROL
IPLOT	4	PLOT CONTROL
QSCAL	0.	HYDROGRAPH PLOT SCALE

IT HYDROGRAPH TIME DATA

NMIN	5	MINUTES IN COMPUTATION INTERVAL
IDATE	27SEP99	STARTING DATE
ITIME	1200	STARTING TIME
NQ	385	NUMBER OF HYDROGRAPH ORDINATES
NDDATE	28SEP99	ENDING DATE
NDTIME	2000	ENDING TIME
ICENT	19	CENTURY MARK

COMPUTATION INTERVAL	.08 HOURS
TOTAL TIME BASE	32.00 HOURS

ENGLISH UNITS

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

JP MULTI-PLAN OPTION

NPLAN	1	NUMBER OF PLANS

JR MULTI-RATIO OPTION
RATIOS OF PRECIPITATION
5.90

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

              **************
              *            *
   9 KK       *   OFFST    *
              *            *
              **************

   6 IN           TIME DATA FOR INPUT TIME SERIES
                        JXMIN          5  TIME INTERVAL IN MINUTES
                       JXDATE    27SEP99  STARTING DATE
                       JXTIME       1200  STARTING TIME

                SUBBASIN RUNOFF DATA

  10 BA           SUBBASIN CHARACTERISTICS
                        TAREA        .01  SUBBASIN AREA

                  PRECIPITATION DATA

  11 PB                 STORM       1.00  BASIN TOTAL PRECIPITATION

  12 PI             INCREMENTAL PRECIPITATION PATTERN
                        .00     .00     .00     .00     .00     .00     .01     .00     .00     .00
                        .00     .00     .01     .00     .00     .00     .00     .01     .01     .01
                        .01     .00     .01     .01     .01     .01     .01     .01     .02     .02
                        .02     .03     .04     .05     .10     .14     .07     .06     .04     .03
                        .03     .02     .02     .01     .01     .01     .01     .01     .01     .01
                        .01     .00     .00     .01     .01     .01     .00     .00     .01     .01
                        .00     .00     .00     .00     .00     .00     .00     .00     .00     .01
                        .00     .00

  20 LS           SCS LOSS RATE
                        STRTL        .56  INITIAL ABSTRACTION
                       CRVNBR      78.00  CURVE NUMBER
                        RTIMP        .00  PERCENT IMPERVIOUS AREA

  21 UD           SCS DIMENSIONLESS UNITGRAPH
                         TLAG        .15  LAG

                                          ***

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

                                   UNIT HYDROGRAPH
                               11 END-OF-PERIOD ORDINATES
```

13. 35. 30. 15. 8. 4. 2. 1. 0. 0.
0.

HYDROGRAPH AT STATION OFFST

DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q	DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q
27	SEP	1200	1	.00	.00	.00	0.	28	SEP	0405	194	.00	.00	.00	0.
27	SEP	1205	2	.00	.00	.00	0.	28	SEP	0410	195	.00	.00	.00	0.
27	SEP	1210	3	.00	.00	.00	0.	28	SEP	0415	196	.00	.00	.00	0.
27	SEP	1215	4	.00	.00	.00	0.	28	SEP	0420	197	.00	.00	.00	0.
27	SEP	1220	5	.00	.00	.00	0.	28	SEP	0425	198	.00	.00	.00	0.
27	SEP	1225	6	.00	.00	.00	0.	28	SEP	0430	199	.00	.00	.00	0.
27	SEP	1230	7	.00	.00	.00	0.	28	SEP	0435	200	.00	.00	.00	0.
27	SEP	1235	8	.01	.01	.00	0.	28	SEP	0440	201	.00	.00	.00	0.
27	SEP	1240	9	.00	.00	.00	0.	28	SEP	0445	202	.00	.00	.00	0.
27	SEP	1245	10	.00	.00	.00	0.	28	SEP	0450	203	.00	.00	.00	0.
27	SEP	1250	11	.00	.00	.00	0.	28	SEP	0455	204	.00	.00	.00	0.
27	SEP	1255	12	.00	.00	.00	0.	28	SEP	0500	205	.00	.00	.00	0.
27	SEP	1300	13	.00	.00	.00	0.	28	SEP	0505	206	.00	.00	.00	0.
27	SEP	1305	14	.01	.01	.00	0.	28	SEP	0510	207	.00	.00	.00	0.
27	SEP	1310	15	.00	.00	.00	0.	28	SEP	0515	208	.00	.00	.00	0.
27	SEP	1315	16	.00	.00	.00	0.	28	SEP	0520	209	.00	.00	.00	0.
27	SEP	1320	17	.00	.00	.00	0.	28	SEP	0525	210	.00	.00	.00	0.
27	SEP	1325	18	.00	.00	.00	0.	28	SEP	0530	211	.00	.00	.00	0.
27	SEP	1330	19	.01	.01	.00	0.	28	SEP	0535	212	.00	.00	.00	0.
27	SEP	1335	20	.01	.01	.00	0.	28	SEP	0540	213	.00	.00	.00	0.
27	SEP	1340	21	.01	.01	.00	0.	28	SEP	0545	214	.00	.00	.00	0.
27	SEP	1345	22	.01	.01	.00	0.	28	SEP	0550	215	.00	.00	.00	0.
27	SEP	1350	23	.00	.00	.00	0.	28	SEP	0555	216	.00	.00	.00	0.
27	SEP	1355	24	.01	.01	.00	0.	28	SEP	0600	217	.00	.00	.00	0.
27	SEP	1400	25	.01	.01	.00	0.	28	SEP	0605	218	.00	.00	.00	0.
27	SEP	1405	26	.01	.01	.00	0.	28	SEP	0610	219	.00	.00	.00	0.
27	SEP	1410	27	.01	.01	.00	0.	28	SEP	0615	220	.00	.00	.00	0.
27	SEP	1415	28	.01	.01	.00	0.	28	SEP	0620	221	.00	.00	.00	0.
27	SEP	1420	29	.01	.01	.00	0.	28	SEP	0625	222	.00	.00	.00	0.
27	SEP	1425	30	.02	.02	.00	0.	28	SEP	0630	223	.00	.00	.00	0.
27	SEP	1430	31	.02	.02	.00	0.	28	SEP	0635	224	.00	.00	.00	0.
27	SEP	1435	32	.02	.02	.00	0.	28	SEP	0640	225	.00	.00	.00	0.
27	SEP	1440	33	.03	.03	.00	0.	28	SEP	0645	226	.00	.00	.00	0.
27	SEP	1445	34	.04	.04	.00	0.	28	SEP	0650	227	.00	.00	.00	0.
27	SEP	1450	35	.05	.05	.00	0.	28	SEP	0655	228	.00	.00	.00	0.
27	SEP	1455	36	.10	.10	.00	0.	28	SEP	0700	229	.00	.00	.00	0.
27	SEP	1500	37	.14	.14	.00	0.	28	SEP	0705	230	.00	.00	.00	0.

27	SEP	1505	38	.07	.07	.00	0.	*	28	SEP	0710	231	.00	.00	.00	0.
27	SEP	1510	39	.06	.06	.00	0.	*	28	SEP	0715	232	.00	.00	.00	0.
27	SEP	1515	40	.04	.04	.00	0.	*	28	SEP	0720	233	.00	.00	.00	0.
27	SEP	1520	41	.03	.03	.00	0.	*	28	SEP	0725	234	.00	.00	.00	0.
27	SEP	1525	42	.03	.02	.00	0.	*	28	SEP	0730	235	.00	.00	.00	0.
27	SEP	1530	43	.02	.02	.00	0.	*	28	SEP	0735	236	.00	.00	.00	0.
27	SEP	1535	44	.02	.01	.00	0.	*	28	SEP	0740	237	.00	.00	.00	0.
27	SEP	1540	45	.01	.01	.00	0.	*	28	SEP	0745	238	.00	.00	.00	0.
27	SEP	1545	46	.01	.01	.00	0.	*	28	SEP	0750	239	.00	.00	.00	0.
27	SEP	1550	47	.01	.01	.00	0.	*	28	SEP	0755	240	.00	.00	.00	0.
27	SEP	1555	48	.01	.01	.00	0.	*	28	SEP	0800	241	.00	.00	.00	0.
27	SEP	1600	49	.01	.00	.00	0.	*	28	SEP	0805	242	.00	.00	.00	0.
27	SEP	1605	50	.01	.00	.00	0.	*	28	SEP	0810	243	.00	.00	.00	0.
27	SEP	1610	51	.01	.00	.00	0.	*	28	SEP	0815	244	.00	.00	.00	0.
27	SEP	1615	52	.01	.01	.00	0.	*	28	SEP	0820	245	.00	.00	.00	0.
27	SEP	1620	53	.00	.00	.00	0.	*	28	SEP	0825	246	.00	.00	.00	0.
27	SEP	1625	54	.00	.00	.00	0.	*	28	SEP	0830	247	.00	.00	.00	0.
27	SEP	1630	55	.01	.01	.00	0.	*	28	SEP	0835	248	.00	.00	.00	0.
27	SEP	1635	56	.01	.00	.00	0.	*	28	SEP	0840	249	.00	.00	.00	0.
27	SEP	1640	57	.01	.00	.00	0.	*	28	SEP	0845	250	.00	.00	.00	0.
27	SEP	1645	58	.00	.00	.00	0.	*	28	SEP	0850	251	.00	.00	.00	0.
27	SEP	1650	59	.00	.00	.00	0.	*	28	SEP	0855	252	.00	.00	.00	0.
27	SEP	1655	60	.01	.01	.00	0.	*	28	SEP	0900	253	.00	.00	.00	0.
27	SEP	1700	61	.01	.00	.00	0.	*	28	SEP	0905	254	.00	.00	.00	0.
27	SEP	1705	62	.00	.00	.00	0.	*	28	SEP	0910	255	.00	.00	.00	0.
27	SEP	1710	63	.00	.00	.00	0.	*	28	SEP	0915	256	.00	.00	.00	0.
27	SEP	1715	64	.00	.00	.00	0.	*	28	SEP	0920	257	.00	.00	.00	0.
27	SEP	1720	65	.00	.00	.00	0.	*	28	SEP	0925	258	.00	.00	.00	0.
27	SEP	1725	66	.00	.00	.00	0.	*	28	SEP	0930	259	.00	.00	.00	0.
27	SEP	1730	67	.00	.00	.00	0.	*	28	SEP	0935	260	.00	.00	.00	0.
27	SEP	1735	68	.00	.00	.00	0.	*	28	SEP	0940	261	.00	.00	.00	0.
27	SEP	1740	69	.00	.00	.00	0.	*	28	SEP	0945	262	.00	.00	.00	0.
27	SEP	1745	70	.00	.00	.00	0.	*	28	SEP	0950	263	.00	.00	.00	0.
27	SEP	1750	71	.01	.00	.00	0.	*	28	SEP	0955	264	.00	.00	.00	0.
27	SEP	1755	72	.00	.00	.00	0.	*	28	SEP	1000	265	.00	.00	.00	0.
27	SEP	1800	73	.00	.00	.00	0.	*	28	SEP	1005	266	.00	.00	.00	0.
27	SEP	1805	74	.00	.00	.00	0.	*	28	SEP	1010	267	.00	.00	.00	0.
27	SEP	1810	75	.00	.00	.00	0.	*	28	SEP	1015	268	.00	.00	.00	0.
27	SEP	1815	76	.00	.00	.00	0.	*	28	SEP	1020	269	.00	.00	.00	0.
27	SEP	1820	77	.00	.00	.00	0.	*	28	SEP	1025	270	.00	.00	.00	0.
27	SEP	1825	78	.00	.00	.00	0.	*	28	SEP	1030	271	.00	.00	.00	0.
27	SEP	1830	79	.00	.00	.00	0.	*	28	SEP	1035	272	.00	.00	.00	0.
27	SEP	1835	80	.00	.00	.00	0.	*	28	SEP	1040	273	.00	.00	.00	0.
27	SEP	1840	81	.00	.00	.00	0.	*	28	SEP	1045	274	.00	.00	.00	0.
27	SEP	1845	82	.00	.00	.00	0.	*	28	SEP	1050	275	.00	.00	.00	0.
27	SEP	1850	83	.00	.00	.00	0.	*	28	SEP	1055	276	.00	.00	.00	0.
27	SEP	1855	84	.00	.00	.00	0.	*	28	SEP	1100	277	.00	.00	.00	0.
27	SEP	1900	85	.00	.00	.00	0.	*	28	SEP	1105	278	.00	.00	.00	0.

27	SEP 1905	86	.00	.00	.00	0.	*	28	SEP 1110	279	.00	.00	.00	0.
27	SEP 1910	87	.00	.00	.00	0.	*	28	SEP 1115	280	.00	.00	.00	0.
27	SEP 1915	88	.00	.00	.00	0.	*	28	SEP 1120	281	.00	.00	.00	0.
27	SEP 1920	89	.00	.00	.00	0.	*	28	SEP 1125	282	.00	.00	.00	0.
27	SEP 1925	90	.00	.00	.00	0.	*	28	SEP 1130	283	.00	.00	.00	0.
27	SEP 1930	91	.00	.00	.00	0.	*	28	SEP 1135	284	.00	.00	.00	0.
27	SEP 1935	92	.00	.00	.00	0.	*	28	SEP 1140	285	.00	.00	.00	0.
27	SEP 1940	93	.00	.00	.00	0.	*	28	SEP 1145	286	.00	.00	.00	0.
27	SEP 1945	94	.00	.00	.00	0.	*	28	SEP 1150	287	.00	.00	.00	0.
27	SEP 1950	95	.00	.00	.00	0.	*	28	SEP 1155	288	.00	.00	.00	0.
27	SEP 1955	96	.00	.00	.00	0.	*	28	SEP 1200	289	.00	.00	.00	0.
27	SEP 2000	97	.00	.00	.00	0.	*	28	SEP 1205	290	.00	.00	.00	0.
27	SEP 2005	98	.00	.00	.00	0.	*	28	SEP 1210	291	.00	.00	.00	0.
27	SEP 2010	99	.00	.00	.00	0.	*	28	SEP 1215	292	.00	.00	.00	0.
27	SEP 2015	100	.00	.00	.00	0.	*	28	SEP 1220	293	.00	.00	.00	0.
27	SEP 2020	101	.00	.00	.00	0.	*	28	SEP 1225	294	.00	.00	.00	0.
27	SEP 2025	102	.00	.00	.00	0.	*	28	SEP 1230	295	.00	.00	.00	0.
27	SEP 2030	103	.00	.00	.00	0.	*	28	SEP 1235	296	.00	.00	.00	0.
27	SEP 2035	104	.00	.00	.00	0.	*	28	SEP 1240	297	.00	.00	.00	0.
27	SEP 2040	105	.00	.00	.00	0.	*	28	SEP 1245	298	.00	.00	.00	0.
27	SEP 2045	106	.00	.00	.00	0.	*	28	SEP 1250	299	.00	.00	.00	0.
27	SEP 2050	107	.00	.00	.00	0.	*	28	SEP 1255	300	.00	.00	.00	0.
27	SEP 2055	108	.00	.00	.00	0.	*	28	SEP 1300	301	.00	.00	.00	0.
27	SEP 2100	109	.00	.00	.00	0.	*	28	SEP 1305	302	.00	.00	.00	0.
27	SEP 2105	110	.00	.00	.00	0.	*	28	SEP 1310	303	.00	.00	.00	0.
27	SEP 2110	111	.00	.00	.00	0.	*	28	SEP 1315	304	.00	.00	.00	0.
27	SEP 2115	112	.00	.00	.00	0.	*	28	SEP 1320	305	.00	.00	.00	0.
27	SEP 2120	113	.00	.00	.00	0.	*	28	SEP 1325	306	.00	.00	.00	0.
27	SEP 2125	114	.00	.00	.00	0.	*	28	SEP 1330	307	.00	.00	.00	0.
27	SEP 2130	115	.00	.00	.00	0.	*	28	SEP 1335	308	.00	.00	.00	0.
27	SEP 2135	116	.00	.00	.00	0.	*	28	SEP 1340	309	.00	.00	.00	0.
27	SEP 2140	117	.00	.00	.00	0.	*	28	SEP 1345	310	.00	.00	.00	0.
27	SEP 2145	118	.00	.00	.00	0.	*	28	SEP 1350	311	.00	.00	.00	0.
27	SEP 2150	119	.00	.00	.00	0.	*	28	SEP 1355	312	.00	.00	.00	0.
27	SEP 2155	120	.00	.00	.00	0.	*	28	SEP 1400	313	.00	.00	.00	0.
27	SEP 2200	121	.00	.00	.00	0.	*	28	SEP 1405	314	.00	.00	.00	0.
27	SEP 2205	122	.00	.00	.00	0.	*	28	SEP 1410	315	.00	.00	.00	0.
27	SEP 2210	123	.00	.00	.00	0.	*	28	SEP 1415	316	.00	.00	.00	0.
27	SEP 2215	124	.00	.00	.00	0.	*	28	SEP 1420	317	.00	.00	.00	0.
27	SEP 2220	125	.00	.00	.00	0.	*	28	SEP 1425	318	.00	.00	.00	0.
27	SEP 2225	126	.00	.00	.00	0.	*	28	SEP 1430	319	.00	.00	.00	0.
27	SEP 2230	127	.00	.00	.00	0.	*	28	SEP 1435	320	.00	.00	.00	0.
27	SEP 2235	128	.00	.00	.00	0.	*	28	SEP 1440	321	.00	.00	.00	0.
27	SEP 2240	129	.00	.00	.00	0.	*	28	SEP 1445	322	.00	.00	.00	0.
27	SEP 2245	130	.00	.00	.00	0.	*	28	SEP 1450	323	.00	.00	.00	0.
27	SEP 2250	131	.00	.00	.00	0.	*	28	SEP 1455	324	.00	.00	.00	0.
27	SEP 2255	132	.00	.00	.00	0.	*	28	SEP 1500	325	.00	.00	.00	0.
27	SEP 2300	133	.00	.00	.00	0.	*	28	SEP 1505	326	.00	.00	.00	0.

27	SEP	2305	134	.00	.00	.00	0.	*	28 SEP 1510	327	.00	.00	.00	0.
27	SEP	2310	135	.00	.00	.00	0.	*	28 SEP 1515	328	.00	.00	.00	0.
27	SEP	2315	136	.00	.00	.00	0.	*	28 SEP 1520	329	.00	.00	.00	0.
27	SEP	2320	137	.00	.00	.00	0.	*	28 SEP 1525	330	.00	.00	.00	0.
27	SEP	2325	138	.00	.00	.00	0.	*	28 SEP 1530	331	.00	.00	.00	0.
27	SEP	2330	139	.00	.00	.00	0.	*	28 SEP 1535	332	.00	.00	.00	0.
27	SEP	2335	140	.00	.00	.00	0.	*	28 SEP 1540	333	.00	.00	.00	0.
27	SEP	2340	141	.00	.00	.00	0.	*	28 SEP 1545	334	.00	.00	.00	0.
27	SEP	2345	142	.00	.00	.00	0.	*	28 SEP 1550	335	.00	.00	.00	0.
27	SEP	2350	143	.00	.00	.00	0.	*	28 SEP 1555	336	.00	.00	.00	0.
27	SEP	2355	144	.00	.00	.00	0.	*	28 SEP 1600	337	.00	.00	.00	0.
28	SEP	0000	145	.00	.00	.00	0.	*	28 SEP 1605	338	.00	.00	.00	0.
28	SEP	0005	146	.00	.00	.00	0.	*	28 SEP 1610	339	.00	.00	.00	0.
28	SEP	0010	147	.00	.00	.00	0.	*	28 SEP 1615	340	.00	.00	.00	0.
28	SEP	0015	148	.00	.00	.00	0.	*	28 SEP 1620	341	.00	.00	.00	0.
28	SEP	0020	149	.00	.00	.00	0.	*	28 SEP 1625	342	.00	.00	.00	0.
28	SEP	0025	150	.00	.00	.00	0.	*	28 SEP 1630	343	.00	.00	.00	0.
28	SEP	0030	151	.00	.00	.00	0.	*	28 SEP 1635	344	.00	.00	.00	0.
28	SEP	0035	152	.00	.00	.00	0.	*	28 SEP 1640	345	.00	.00	.00	0.
28	SEP	0040	153	.00	.00	.00	0.	*	28 SEP 1645	346	.00	.00	.00	0.
28	SEP	0045	154	.00	.00	.00	0.	*	28 SEP 1650	347	.00	.00	.00	0.
28	SEP	0050	155	.00	.00	.00	0.	*	28 SEP 1655	348	.00	.00	.00	0.
28	SEP	0055	156	.00	.00	.00	0.	*	28 SEP 1700	349	.00	.00	.00	0.
28	SEP	0100	157	.00	.00	.00	0.	*	28 SEP 1705	350	.00	.00	.00	0.
28	SEP	0105	158	.00	.00	.00	0.	*	28 SEP 1710	351	.00	.00	.00	0.
28	SEP	0110	159	.00	.00	.00	0.	*	28 SEP 1715	352	.00	.00	.00	0.
28	SEP	0115	160	.00	.00	.00	0.	*	28 SEP 1720	353	.00	.00	.00	0.
28	SEP	0120	161	.00	.00	.00	0.	*	28 SEP 1725	354	.00	.00	.00	0.
28	SEP	0125	162	.00	.00	.00	0.	*	28 SEP 1730	355	.00	.00	.00	0.
28	SEP	0130	163	.00	.00	.00	0.	*	28 SEP 1735	356	.00	.00	.00	0.
28	SEP	0135	164	.00	.00	.00	0.	*	28 SEP 1740	357	.00	.00	.00	0.
28	SEP	0140	165	.00	.00	.00	0.	*	28 SEP 1745	358	.00	.00	.00	0.
28	SEP	0145	166	.00	.00	.00	0.	*	28 SEP 1750	359	.00	.00	.00	0.
28	SEP	0150	167	.00	.00	.00	0.	*	28 SEP 1755	360	.00	.00	.00	0.
28	SEP	0155	168	.00	.00	.00	0.	*	28 SEP 1800	361	.00	.00	.00	0.
28	SEP	0200	169	.00	.00	.00	0.	*	28 SEP 1805	362	.00	.00	.00	0.
28	SEP	0205	170	.00	.00	.00	0.	*	28 SEP 1810	363	.00	.00	.00	0.
28	SEP	0210	171	.00	.00	.00	0.	*	28 SEP 1815	364	.00	.00	.00	0.
28	SEP	0215	172	.00	.00	.00	0.	*	28 SEP 1820	365	.00	.00	.00	0.
28	SEP	0220	173	.00	.00	.00	0.	*	28 SEP 1825	366	.00	.00	.00	0.
28	SEP	0225	174	.00	.00	.00	0.	*	28 SEP 1830	367	.00	.00	.00	0.
28	SEP	0230	175	.00	.00	.00	0.	*	28 SEP 1835	368	.00	.00	.00	0.
28	SEP	0235	176	.00	.00	.00	0.	*	28 SEP 1840	369	.00	.00	.00	0.
28	SEP	0240	177	.00	.00	.00	0.	*	28 SEP 1845	370	.00	.00	.00	0.
28	SEP	0245	178	.00	.00	.00	0.	*	28 SEP 1850	371	.00	.00	.00	0.
28	SEP	0250	179	.00	.00	.00	0.	*	28 SEP 1855	372	.00	.00	.00	0.
28	SEP	0255	180	.00	.00	.00	0.	*	28 SEP 1900	373	.00	.00	.00	0.
28	SEP	0300	181	.00	.00	.00	0.	*	28 SEP 1905	374	.00	.00	.00	0.

28 SEP 0305	182	.00	.00	.00	0.	*	28 SEP 1910	375	.00	.00	.00	0.
28 SEP 0310	183	.00	.00	.00	0.	*	28 SEP 1915	376	.00	.00	.00	0.
28 SEP 0315	184	.00	.00	.00	0.	*	28 SEP 1920	377	.00	.00	.00	0.
28 SEP 0320	185	.00	.00	.00	0.	*	28 SEP 1925	378	.00	.00	.00	0.
28 SEP 0325	186	.00	.00	.00	0.	*	28 SEP 1930	379	.00	.00	.00	0.
28 SEP 0330	187	.00	.00	.00	0.	*	28 SEP 1935	380	.00	.00	.00	0.
28 SEP 0335	188	.00	.00	.00	0.	*	28 SEP 1940	381	.00	.00	.00	0.
28 SEP 0340	189	.00	.00	.00	0.	*	28 SEP 1945	382	.00	.00	.00	0.
28 SEP 0345	190	.00	.00	.00	0.	*	28 SEP 1950	383	.00	.00	.00	0.
28 SEP 0350	191	.00	.00	.00	0.	*	28 SEP 1955	384	.00	.00	.00	0.
28 SEP 0355	192	.00	.00	.00	0.	*	28 SEP 2000	385	.00	.00	.00	0.
28 SEP 0400	193	.00	.00	.00	0.	*						

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TOTAL RAINFALL = 1.00, TOTAL LOSS = .94, TOTAL EXCESS = .06

PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	32.00-HR
(CFS)	(HR)					
		(CFS)				
0.	3.42		0.	0.	0.	0.
		(INCHES)	.058	.058	.058	.058
		(AC-FT)	0.	0.	0.	0.

CUMULATIVE AREA = .01 SQ MI

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

****

HYDROGRAPH AT STATION OFFST
PLAN 1, RATIO = 5.90

****

DA MON HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q	*	DA MON HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q
27 SEP 1200	1	.00	.00	.00	0.	*	28 SEP 0405	194	.00	.00	.00	0.
27 SEP 1205	2	.01	.01	.00	0.	*	28 SEP 0410	195	.00	.00	.00	0.
27 SEP 1210	3	.03	.03	.00	0.	*	28 SEP 0415	196	.00	.00	.00	0.
27 SEP 1215	4	.03	.03	.00	0.	*	28 SEP 0420	197	.00	.00	.00	0.
27 SEP 1220	5	.02	.02	.00	0.	*	28 SEP 0425	198	.00	.00	.00	0.
27 SEP 1225	6	.02	.02	.00	0.	*	28 SEP 0430	199	.00	.00	.00	0.
27 SEP 1230	7	.02	.02	.00	0.	*	28 SEP 0435	200	.00	.00	.00	0.
27 SEP 1235	8	.04	.04	.00	0.	*	28 SEP 0440	201	.00	.00	.00	0.
27 SEP 1240	9	.02	.02	.00	0.	*	28 SEP 0445	202	.00	.00	.00	0.

27 SEP 1245	10	.02	.02	.00	0.	*	28 SEP 0450	203	.00	.00	.00	0.
27 SEP 1250	11	.02	.02	.00	0.	*	28 SEP 0455	204	.00	.00	.00	0.
27 SEP 1255	12	.02	.02	.00	0.	*	28 SEP 0500	205	.00	.00	.00	0.
27 SEP 1300	13	.03	.03	.00	0.	*	28 SEP 0505	206	.00	.00	.00	0.
27 SEP 1305	14	.04	.04	.00	0.	*	28 SEP 0510	207	.00	.00	.00	0.
27 SEP 1310	15	.02	.02	.00	0.	*	28 SEP 0515	208	.00	.00	.00	0.
27 SEP 1315	16	.02	.02	.00	0.	*	28 SEP 0520	209	.00	.00	.00	0.
27 SEP 1320	17	.03	.03	.00	0.	*	28 SEP 0525	210	.00	.00	.00	0.
27 SEP 1325	18	.02	.02	.00	0.	*	28 SEP 0530	211	.00	.00	.00	0.
27 SEP 1330	19	.04	.04	.00	0.	*	28 SEP 0535	212	.00	.00	.00	0.
27 SEP 1335	20	.03	.03	.00	0.	*	28 SEP 0540	213	.00	.00	.00	0.
27 SEP 1340	21	.04	.04	.00	0.	*	28 SEP 0545	214	.00	.00	.00	0.
27 SEP 1345	22	.04	.04	.00	0.	*	28 SEP 0550	215	.00	.00	.00	0.
27 SEP 1350	23	.02	.02	.00	0.	*	28 SEP 0555	216	.00	.00	.00	0.
27 SEP 1355	24	.05	.05	.00	0.	*	28 SEP 0600	217	.00	.00	.00	0.
27 SEP 1400	25	.04	.04	.00	0.	*	28 SEP 0605	218	.00	.00	.00	0.
27 SEP 1405	26	.05	.05	.00	0.	*	28 SEP 0610	219	.00	.00	.00	0.
27 SEP 1410	27	.06	.06	.01	0.	*	28 SEP 0615	220	.00	.00	.00	0.
27 SEP 1415	28	.08	.06	.01	1.	*	28 SEP 0620	221	.00	.00	.00	0.
27 SEP 1420	29	.08	.07	.02	1.	*	28 SEP 0625	222	.00	.00	.00	0.
27 SEP 1425	30	.09	.07	.02	1.	*	28 SEP 0630	223	.00	.00	.00	0.
27 SEP 1430	31	.11	.08	.03	2.	*	28 SEP 0635	224	.00	.00	.00	0.
27 SEP 1435	32	.13	.09	.04	3.	*	28 SEP 0640	225	.00	.00	.00	0.
27 SEP 1440	33	.16	.10	.06	4.	*	28 SEP 0645	226	.00	.00	.00	0.
27 SEP 1445	34	.22	.12	.10	6.	*	28 SEP 0650	227	.00	.00	.00	0.
27 SEP 1450	35	.31	.15	.16	8.	*	28 SEP 0655	228	.00	.00	.00	0.
27 SEP 1455	36	.59	.23	.36	15.	*	28 SEP 0700	229	.00	.00	.00	0.
27 SEP 1500	37	.85	.25	.60	27.	*	28 SEP 0705	230	.00	.00	.00	0.
27 SEP 1505	38	.41	.10	.32	39.	*	28 SEP 0710	231	.00	.00	.00	0.
27 SEP 1510	39	.35	.07	.28	40.	*	28 SEP 0715	232	.00	.00	.00	0.
27 SEP 1515	40	.25	.05	.21	35.	*	28 SEP 0720	233	.00	.00	.00	0.
27 SEP 1520	41	.18	.03	.15	29.	*	28 SEP 0725	234	.00	.00	.00	0.
27 SEP 1525	42	.15	.02	.12	23.	*	28 SEP 0730	235	.00	.00	.00	0.
27 SEP 1530	43	.11	.02	.09	18.	*	28 SEP 0735	236	.00	.00	.00	0.
27 SEP 1535	44	.10	.02	.08	14.	*	28 SEP 0740	237	.00	.00	.00	0.
27 SEP 1540	45	.09	.01	.08	12.	*	28 SEP 0745	238	.00	.00	.00	0.
27 SEP 1545	46	.07	.01	.06	10.	*	28 SEP 0750	239	.00	.00	.00	0.
27 SEP 1550	47	.06	.01	.05	8.	*	28 SEP 0755	240	.00	.00	.00	0.
27 SEP 1555	48	.06	.01	.06	7.	*	28 SEP 0800	241	.00	.00	.00	0.
27 SEP 1600	49	.04	.00	.03	6.	*	28 SEP 0805	242	.00	.00	.00	0.
27 SEP 1605	50	.04	.00	.03	5.	*	28 SEP 0810	243	.00	.00	.00	0.
27 SEP 1610	51	.04	.00	.03	4.	*	28 SEP 0815	244	.00	.00	.00	0.
27 SEP 1615	52	.04	.01	.04	4.	*	28 SEP 0820	245	.00	.00	.00	0.
27 SEP 1620	53	.02	.00	.02	4.	*	28 SEP 0825	246	.00	.00	.00	0.
27 SEP 1625	54	.01	.00	.01	3.	*	28 SEP 0830	247	.00	.00	.00	0.
27 SEP 1630	55	.05	.01	.05	2.	*	28 SEP 0835	248	.00	.00	.00	0.
27 SEP 1635	56	.03	.00	.03	3.	*	28 SEP 0840	249	.00	.00	.00	0.
27 SEP 1640	57	.04	.00	.03	3.	*	28 SEP 0845	250	.00	.00	.00	0.

27 SEP 1645	58	.02	.00	.02	3.	*	28 SEP 0850	251	.00	.00	.00	0.
27 SEP 1650	59	.02	.00	.02	3.	*	28 SEP 0855	252	.00	.00	.00	0.
27 SEP 1655	60	.04	.01	.04	3.	*	28 SEP 0900	253	.00	.00	.00	0.
27 SEP 1700	61	.04	.00	.03	3.	*	28 SEP 0905	254	.00	.00	.00	0.
27 SEP 1705	62	.02	.00	.02	3.	*	28 SEP 0910	255	.00	.00	.00	0.
27 SEP 1710	63	.02	.00	.02	3.	*	28 SEP 0915	256	.00	.00	.00	0.
27 SEP 1715	64	.01	.00	.01	2.	*	28 SEP 0920	257	.00	.00	.00	0.
27 SEP 1720	65	.02	.00	.02	2.	*	28 SEP 0925	258	.00	.00	.00	0.
27 SEP 1725	66	.03	.00	.03	2.	*	28 SEP 0930	259	.00	.00	.00	0.
27 SEP 1730	67	.03	.00	.03	2.	*	28 SEP 0935	260	.00	.00	.00	0.
27 SEP 1735	68	.02	.00	.02	3.	*	28 SEP 0940	261	.00	.00	.00	0.
27 SEP 1740	69	.02	.00	.02	2.	*	28 SEP 0945	262	.00	.00	.00	0.
27 SEP 1745	70	.01	.00	.01	2.	*	28 SEP 0950	263	.00	.00	.00	0.
27 SEP 1750	71	.03	.00	.03	2.	*	28 SEP 0955	264	.00	.00	.00	0.
27 SEP 1755	72	.01	.00	.01	2.	*	28 SEP 1000	265	.00	.00	.00	0.
27 SEP 1800	73	.01	.00	.01	2.	*	28 SEP 1005	266	.00	.00	.00	0.
27 SEP 1805	74	.00	.00	.00	1.	*	28 SEP 1010	267	.00	.00	.00	0.
27 SEP 1810	75	.00	.00	.00	1.	*	28 SEP 1015	268	.00	.00	.00	0.
27 SEP 1815	76	.00	.00	.00	0.	*	28 SEP 1020	269	.00	.00	.00	0.
27 SEP 1820	77	.00	.00	.00	0.	*	28 SEP 1025	270	.00	.00	.00	0.
27 SEP 1825	78	.00	.00	.00	0.	*	28 SEP 1030	271	.00	.00	.00	0.
27 SEP 1830	79	.00	.00	.00	0.	*	28 SEP 1035	272	.00	.00	.00	0.
27 SEP 1835	80	.00	.00	.00	0.	*	28 SEP 1040	273	.00	.00	.00	0.
27 SEP 1840	81	.00	.00	.00	0.	*	28 SEP 1045	274	.00	.00	.00	0.
27 SEP 1845	82	.00	.00	.00	0.	*	28 SEP 1050	275	.00	.00	.00	0.
27 SEP 1850	83	.00	.00	.00	0.	*	28 SEP 1055	276	.00	.00	.00	0.
27 SEP 1855	84	.00	.00	.00	0.	*	28 SEP 1100	277	.00	.00	.00	0.
27 SEP 1900	85	.00	.00	.00	0.	*	28 SEP 1105	278	.00	.00	.00	0.
27 SEP 1905	86	.00	.00	.00	0.	*	28 SEP 1110	279	.00	.00	.00	0.
27 SEP 1910	87	.00	.00	.00	0.	*	28 SEP 1115	280	.00	.00	.00	0.
27 SEP 1915	88	.00	.00	.00	0.	*	28 SEP 1120	281	.00	.00	.00	0.
27 SEP 1920	89	.00	.00	.00	0.	*	28 SEP 1125	282	.00	.00	.00	0.
27 SEP 1925	90	.00	.00	.00	0.	*	28 SEP 1130	283	.00	.00	.00	0.
27 SEP 1930	91	.00	.00	.00	0.	*	28 SEP 1135	284	.00	.00	.00	0.
27 SEP 1935	92	.00	.00	.00	0.	*	28 SEP 1140	285	.00	.00	.00	0.
27 SEP 1940	93	.00	.00	.00	0.	*	28 SEP 1145	286	.00	.00	.00	0.
27 SEP 1945	94	.00	.00	.00	0.	*	28 SEP 1150	287	.00	.00	.00	0.
27 SEP 1950	95	.00	.00	.00	0.	*	28 SEP 1155	288	.00	.00	.00	0.
27 SEP 1955	96	.00	.00	.00	0.	*	28 SEP 1200	289	.00	.00	.00	0.
27 SEP 2000	97	.00	.00	.00	0.	*	28 SEP 1205	290	.00	.00	.00	0.
27 SEP 2005	98	.00	.00	.00	0.	*	28 SEP 1210	291	.00	.00	.00	0.
27 SEP 2010	99	.00	.00	.00	0.	*	28 SEP 1215	292	.00	.00	.00	0.
27 SEP 2015	100	.00	.00	.00	0.	*	28 SEP 1220	293	.00	.00	.00	0.
27 SEP 2020	101	.00	.00	.00	0.	*	28 SEP 1225	294	.00	.00	.00	0.
27 SEP 2025	102	.00	.00	.00	0.	*	28 SEP 1230	295	.00	.00	.00	0.
27 SEP 2030	103	.00	.00	.00	0.	*	28 SEP 1235	296	.00	.00	.00	0.
27 SEP 2035	104	.00	.00	.00	0.	*	28 SEP 1240	297	.00	.00	.00	0.
27 SEP 2040	105	.00	.00	.00	0.	*	28 SEP 1245	298	.00	.00	.00	0.

27	SEP 2045	106	.00	.00	.00	0.	*	28	SEP 1250	299	.00	.00	.00	0.
27	SEP 2050	107	.00	.00	.00	0.	*	28	SEP 1255	300	.00	.00	.00	0.
27	SEP 2055	108	.00	.00	.00	0.	*	28	SEP 1300	301	.00	.00	.00	0.
27	SEP 2100	109	.00	.00	.00	0.	*	28	SEP 1305	302	.00	.00	.00	0.
27	SEP 2105	110	.00	.00	.00	0.	*	28	SEP 1310	303	.00	.00	.00	0.
27	SEP 2110	111	.00	.00	.00	0.	*	28	SEP 1315	304	.00	.00	.00	0.
27	SEP 2115	112	.00	.00	.00	0.	*	28	SEP 1320	305	.00	.00	.00	0.
27	SEP 2120	113	.00	.00	.00	0.	*	28	SEP 1325	306	.00	.00	.00	0.
27	SEP 2125	114	.00	.00	.00	0.	*	28	SEP 1330	307	.00	.00	.00	0.
27	SEP 2130	115	.00	.00	.00	0.	*	28	SEP 1335	308	.00	.00	.00	0.
27	SEP 2135	116	.00	.00	.00	0.	*	28	SEP 1340	309	.00	.00	.00	0.
27	SEP 2140	117	.00	.00	.00	0.	*	28	SEP 1345	310	.00	.00	.00	0.
27	SEP 2145	118	.00	.00	.00	0.	*	28	SEP 1350	311	.00	.00	.00	0.
27	SEP 2150	119	.00	.00	.00	0.	*	28	SEP 1355	312	.00	.00	.00	0.
27	SEP 2155	120	.00	.00	.00	0.	*	28	SEP 1400	313	.00	.00	.00	0.
27	SEP 2200	121	.00	.00	.00	0.	*	28	SEP 1405	314	.00	.00	.00	0.
27	SEP 2205	122	.00	.00	.00	0.	*	28	SEP 1410	315	.00	.00	.00	0.
27	SEP 2210	123	.00	.00	.00	0.	*	28	SEP 1415	316	.00	.00	.00	0.
27	SEP 2215	124	.00	.00	.00	0.	*	28	SEP 1420	317	.00	.00	.00	0.
27	SEP 2220	125	.00	.00	.00	0.	*	28	SEP 1425	318	.00	.00	.00	0.
27	SEP 2225	126	.00	.00	.00	0.	*	28	SEP 1430	319	.00	.00	.00	0.
27	SEP 2230	127	.00	.00	.00	0.	*	28	SEP 1435	320	.00	.00	.00	0.
27	SEP 2235	128	.00	.00	.00	0.	*	28	SEP 1440	321	.00	.00	.00	0.
27	SEP 2240	129	.00	.00	.00	0.	*	28	SEP 1445	322	.00	.00	.00	0.
27	SEP 2245	130	.00	.00	.00	0.	*	28	SEP 1450	323	.00	.00	.00	0.
27	SEP 2250	131	.00	.00	.00	0.	*	28	SEP 1455	324	.00	.00	.00	0.
27	SEP 2255	132	.00	.00	.00	0.	*	28	SEP 1500	325	.00	.00	.00	0.
27	SEP 2300	133	.00	.00	.00	0.	*	28	SEP 1505	326	.00	.00	.00	0.
27	SEP 2305	134	.00	.00	.00	0.	*	28	SEP 1510	327	.00	.00	.00	0.
27	SEP 2310	135	.00	.00	.00	0.	*	28	SEP 1515	328	.00	.00	.00	0.
27	SEP 2315	136	.00	.00	.00	0.	*	28	SEP 1520	329	.00	.00	.00	0.
27	SEP 2320	137	.00	.00	.00	0.	*	28	SEP 1525	330	.00	.00	.00	0.
27	SEP 2325	138	.00	.00	.00	0.	*	28	SEP 1530	331	.00	.00	.00	0.
27	SEP 2330	139	.00	.00	.00	0.	*	28	SEP 1535	332	.00	.00	.00	0.
27	SEP 2335	140	.00	.00	.00	0.	*	28	SEP 1540	333	.00	.00	.00	0.
27	SEP 2340	141	.00	.00	.00	0.	*	28	SEP 1545	334	.00	.00	.00	0.
27	SEP 2345	142	.00	.00	.00	0.	*	28	SEP 1550	335	.00	.00	.00	0.
27	SEP 2350	143	.00	.00	.00	0.	*	28	SEP 1555	336	.00	.00	.00	0.
27	SEP 2355	144	.00	.00	.00	0.	*	28	SEP 1600	337	.00	.00	.00	0.
28	SEP 0000	145	.00	.00	.00	0.	*	28	SEP 1605	338	.00	.00	.00	0.
28	SEP 0005	146	.00	.00	.00	0.	*	28	SEP 1610	339	.00	.00	.00	0.
28	SEP 0010	147	.00	.00	.00	0.	*	28	SEP 1615	340	.00	.00	.00	0.
28	SEP 0015	148	.00	.00	.00	0.	*	28	SEP 1620	341	.00	.00	.00	0.
28	SEP 0020	149	.00	.00	.00	0.	*	28	SEP 1625	342	.00	.00	.00	0.
28	SEP 0025	150	.00	.00	.00	0.	*	28	SEP 1630	343	.00	.00	.00	0.
28	SEP 0030	151	.00	.00	.00	0.	*	28	SEP 1635	344	.00	.00	.00	0.
28	SEP 0035	152	.00	.00	.00	0.	*	28	SEP 1640	345	.00	.00	.00	0.
28	SEP 0040	153	.00	.00	.00	0.	*	28	SEP 1645	346	.00	.00	.00	0.

28	SEP	0045	154	.00	.00	.00	0.	*	28 SEP 1650	347	.00	.00	.00	0.
28	SEP	0050	155	.00	.00	.00	0.	*	28 SEP 1655	348	.00	.00	.00	0.
28	SEP	0055	156	.00	.00	.00	0.	*	28 SEP 1700	349	.00	.00	.00	0.
28	SEP	0100	157	.00	.00	.00	0.	*	28 SEP 1705	350	.00	.00	.00	0.
28	SEP	0105	158	.00	.00	.00	0.	*	28 SEP 1710	351	.00	.00	.00	0.
28	SEP	0110	159	.00	.00	.00	0.	*	28 SEP 1715	352	.00	.00	.00	0.
28	SEP	0115	160	.00	.00	.00	0.	*	28 SEP 1720	353	.00	.00	.00	0.
28	SEP	0120	161	.00	.00	.00	0.	*	28 SEP 1725	354	.00	.00	.00	0.
28	SEP	0125	162	.00	.00	.00	0.	*	28 SEP 1730	355	.00	.00	.00	0.
28	SEP	0130	163	.00	.00	.00	0.	*	28 SEP 1735	356	.00	.00	.00	0.
28	SEP	0135	164	.00	.00	.00	0.	*	28 SEP 1740	357	.00	.00	.00	0.
28	SEP	0140	165	.00	.00	.00	0.	*	28 SEP 1745	358	.00	.00	.00	0.
28	SEP	0145	166	.00	.00	.00	0.	*	28 SEP 1750	359	.00	.00	.00	0.
28	SEP	0150	167	.00	.00	.00	0.	*	28 SEP 1755	360	.00	.00	.00	0.
28	SEP	0155	168	.00	.00	.00	0.	*	28 SEP 1800	361	.00	.00	.00	0.
28	SEP	0200	169	.00	.00	.00	0.	*	28 SEP 1805	362	.00	.00	.00	0.
28	SEP	0205	170	.00	.00	.00	0.	*	28 SEP 1810	363	.00	.00	.00	0.
28	SEP	0210	171	.00	.00	.00	0.	*	28 SEP 1815	364	.00	.00	.00	0.
28	SEP	0215	172	.00	.00	.00	0.	*	28 SEP 1820	365	.00	.00	.00	0.
28	SEP	0220	173	.00	.00	.00	0.	*	28 SEP 1825	366	.00	.00	.00	0.
28	SEP	0225	174	.00	.00	.00	0.	*	28 SEP 1830	367	.00	.00	.00	0.
28	SEP	0230	175	.00	.00	.00	0.	*	28 SEP 1835	368	.00	.00	.00	0.
28	SEP	0235	176	.00	.00	.00	0.	*	28 SEP 1840	369	.00	.00	.00	0.
28	SEP	0240	177	.00	.00	.00	0.	*	28 SEP 1845	370	.00	.00	.00	0.
28	SEP	0245	178	.00	.00	.00	0.	*	28 SEP 1850	371	.00	.00	.00	0.
28	SEP	0250	179	.00	.00	.00	0.	*	28 SEP 1855	372	.00	.00	.00	0.
28	SEP	0255	180	.00	.00	.00	0.	*	28 SEP 1900	373	.00	.00	.00	0.
28	SEP	0300	181	.00	.00	.00	0.	*	28 SEP 1905	374	.00	.00	.00	0.
28	SEP	0305	182	.00	.00	.00	0.	*	28 SEP 1910	375	.00	.00	.00	0.
28	SEP	0310	183	.00	.00	.00	0.	*	28 SEP 1915	376	.00	.00	.00	0.
28	SEP	0315	184	.00	.00	.00	0.	*	28 SEP 1920	377	.00	.00	.00	0.
28	SEP	0320	185	.00	.00	.00	0.	*	28 SEP 1925	378	.00	.00	.00	0.
28	SEP	0325	186	.00	.00	.00	0.	*	28 SEP 1930	379	.00	.00	.00	0.
28	SEP	0330	187	.00	.00	.00	0.	*	28 SEP 1935	380	.00	.00	.00	0.
28	SEP	0335	188	.00	.00	.00	0.	*	28 SEP 1940	381	.00	.00	.00	0.
28	SEP	0340	189	.00	.00	.00	0.	*	28 SEP 1945	382	.00	.00	.00	0.
28	SEP	0345	190	.00	.00	.00	0.	*	28 SEP 1950	383	.00	.00	.00	0.
28	SEP	0350	191	.00	.00	.00	0.	*	28 SEP 1955	384	.00	.00	.00	0.
28	SEP	0355	192	.00	.00	.00	0.	*	28 SEP 2000	385	.00	.00	.00	0.
28	SEP	0400	193	.00	.00	.00	0.	*						

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TOTAL RAINFALL = 5.90, TOTAL LOSS = 2.41, TOTAL EXCESS = 3.49

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	32.00-HR
+ (CFS)	(HR)				

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                          (CFS)
+       40.       3.17                5.           1.          1.           1.
                        (INCHES)    3.491        3.491       3.491        3.491
                         (AC-FT)      3.           3.          3.           3.

                        CUMULATIVE AREA =       .01 SQ MI


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

               **************
               *            *
  22 KK        *     RTE1   *
               *            *
               **************

                 HYDROGRAPH ROUTING DATA

  23 RT            TATUM OR STRADDLE-STAGGER ROUTING
                       NSTPS             0   NUMBER OF TATUM STEPS
                       NSTDL             0   NUMBER OF ORDINATES TO BE AVERAGED
                       LAG               0   NUMBER OF INTERVALS TO LAG HYDROGRAPH

                                                     ***

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                                         HYDROGRAPH AT STATION     RTE1
                                            PLAN 1,    RATIO =   5.90

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DA	MON	HRMN	ORD	FLOW		DA	MON	HRMN	ORD	FLOW		DA	MON	HRMN	ORD	FLOW		DA	MON	HRMN	ORD	FLOW
27	SEP	1200	1	0.	*	27	SEP	2005	98	0.	*	28	SEP	0410	195	0.	*	28	SEP	1215	292	0.
27	SEP	1205	2	0.	*	27	SEP	2010	99	0.	*	28	SEP	0415	196	0.	*	28	SEP	1220	293	0.
27	SEP	1210	3	0.	*	27	SEP	2015	100	0.	*	28	SEP	0420	197	0.	*	28	SEP	1225	294	0.
27	SEP	1215	4	0.	*	27	SEP	2020	101	0.	*	28	SEP	0425	198	0.	*	28	SEP	1230	295	0.
27	SEP	1220	5	0.	*	27	SEP	2025	102	0.	*	28	SEP	0430	199	0.	*	28	SEP	1235	296	0.
27	SEP	1225	6	0.	*	27	SEP	2030	103	0.	*	28	SEP	0435	200	0.	*	28	SEP	1240	297	0.
27	SEP	1230	7	0.	*	27	SEP	2035	104	0.	*	28	SEP	0440	201	0.	*	28	SEP	1245	298	0.
27	SEP	1235	8	0.	*	27	SEP	2040	105	0.	*	28	SEP	0445	202	0.	*	28	SEP	1250	299	0.
27	SEP	1240	9	0.	*	27	SEP	2045	106	0.	*	28	SEP	0450	203	0.	*	28	SEP	1255	300	0.
27	SEP	1245	10	0.	*	27	SEP	2050	107	0.	*	28	SEP	0455	204	0.	*	28	SEP	1300	301	0.
27	SEP	1250	11	0.	*	27	SEP	2055	108	0.	*	28	SEP	0500	205	0.	*	28	SEP	1305	302	0.

27	SEP	1255	12	0.	*	27	SEP	2100	109	0.	*	28	SEP	0505	206	0.	*	28	SEP	1310	303	0.
27	SEP	1300	13	0.	*	27	SEP	2105	110	0.	*	28	SEP	0510	207	0.	*	28	SEP	1315	304	0.
27	SEP	1305	14	0.	*	27	SEP	2110	111	0.	*	28	SEP	0515	208	0.	*	28	SEP	1320	305	0.
27	SEP	1310	15	0.	*	27	SEP	2115	112	0.	*	28	SEP	0520	209	0.	*	28	SEP	1325	306	0.
27	SEP	1315	16	0.	*	27	SEP	2120	113	0.	*	28	SEP	0525	210	0.	*	28	SEP	1330	307	0.
27	SEP	1320	17	0.	*	27	SEP	2125	114	0.	*	28	SEP	0530	211	0.	*	28	SEP	1335	308	0.
27	SEP	1325	18	0.	*	27	SEP	2130	115	0.	*	28	SEP	0535	212	0.	*	28	SEP	1340	309	0.
27	SEP	1330	19	0.	*	27	SEP	2135	116	0.	*	28	SEP	0540	213	0.	*	28	SEP	1345	310	0.
27	SEP	1335	20	0.	*	27	SEP	2140	117	0.	*	28	SEP	0545	214	0.	*	28	SEP	1350	311	0.
27	SEP	1340	21	0.	*	27	SEP	2145	118	0.	*	28	SEP	0550	215	0.	*	28	SEP	1355	312	0.
27	SEP	1345	22	0.	*	27	SEP	2150	119	0.	*	28	SEP	0555	216	0.	*	28	SEP	1400	313	0.
27	SEP	1350	23	0.	*	27	SEP	2155	120	0.	*	28	SEP	0600	217	0.	*	28	SEP	1405	314	0.
27	SEP	1355	24	0.	*	27	SEP	2200	121	0.	*	28	SEP	0605	218	0.	*	28	SEP	1410	315	0.
27	SEP	1400	25	0.	*	27	SEP	2205	122	0.	*	28	SEP	0610	219	0.	*	28	SEP	1415	316	0.
27	SEP	1405	26	0.	*	27	SEP	2210	123	0.	*	28	SEP	0615	220	0.	*	28	SEP	1420	317	0.
27	SEP	1410	27	0.	*	27	SEP	2215	124	0.	*	28	SEP	0620	221	0.	*	28	SEP	1425	318	0.
27	SEP	1415	28	1.	*	27	SEP	2220	125	0.	*	28	SEP	0625	222	0.	*	28	SEP	1430	319	0.
27	SEP	1420	29	1.	*	27	SEP	2225	126	0.	*	28	SEP	0630	223	0.	*	28	SEP	1435	320	0.
27	SEP	1425	30	1.	*	27	SEP	2230	127	0.	*	28	SEP	0635	224	0.	*	28	SEP	1440	321	0.
27	SEP	1430	31	2.	*	27	SEP	2235	128	0.	*	28	SEP	0640	225	0.	*	28	SEP	1445	322	0.
27	SEP	1435	32	3.	*	27	SEP	2240	129	0.	*	28	SEP	0645	226	0.	*	28	SEP	1450	323	0.
27	SEP	1440	33	4.	*	27	SEP	2245	130	0.	*	28	SEP	0650	227	0.	*	28	SEP	1455	324	0.
27	SEP	1445	34	6.	*	27	SEP	2250	131	0.	*	28	SEP	0655	228	0.	*	28	SEP	1500	325	0.
27	SEP	1450	35	8.	*	27	SEP	2255	132	0.	*	28	SEP	0700	229	0.	*	28	SEP	1505	326	0.
27	SEP	1455	36	15.	*	27	SEP	2300	133	0.	*	28	SEP	0705	230	0.	*	28	SEP	1510	327	0.
27	SEP	1500	37	27.	*	27	SEP	2305	134	0.	*	28	SEP	0710	231	0.	*	28	SEP	1515	328	0.
27	SEP	1505	38	39.	*	27	SEP	2310	135	0.	*	28	SEP	0715	232	0.	*	28	SEP	1520	329	0.
27	SEP	1510	39	40.	*	27	SEP	2315	136	0.	*	28	SEP	0720	233	0.	*	28	SEP	1525	330	0.
27	SEP	1515	40	35.	*	27	SEP	2320	137	0.	*	28	SEP	0725	234	0.	*	28	SEP	1530	331	0.
27	SEP	1520	41	29.	*	27	SEP	2325	138	0.	*	28	SEP	0730	235	0.	*	28	SEP	1535	332	0.
27	SEP	1525	42	23.	*	27	SEP	2330	139	0.	*	28	SEP	0735	236	0.	*	28	SEP	1540	333	0.
27	SEP	1530	43	18.	*	27	SEP	2335	140	0.	*	28	SEP	0740	237	0.	*	28	SEP	1545	334	0.
27	SEP	1535	44	14.	*	27	SEP	2340	141	0.	*	28	SEP	0745	238	0.	*	28	SEP	1550	335	0.
27	SEP	1540	45	12.	*	27	SEP	2345	142	0.	*	28	SEP	0750	239	0.	*	28	SEP	1555	336	0.
27	SEP	1545	46	10.	*	27	SEP	2350	143	0.	*	28	SEP	0755	240	0.	*	28	SEP	1600	337	0.
27	SEP	1550	47	8.	*	27	SEP	2355	144	0.	*	28	SEP	0800	241	0.	*	28	SEP	1605	338	0.
27	SEP	1555	48	7.	*	28	SEP	0000	145	0.	*	28	SEP	0805	242	0.	*	28	SEP	1610	339	0.
27	SEP	1600	49	6.	*	28	SEP	0005	146	0.	*	28	SEP	0810	243	0.	*	28	SEP	1615	340	0.
27	SEP	1605	50	5.	*	28	SEP	0010	147	0.	*	28	SEP	0815	244	0.	*	28	SEP	1620	341	0.
27	SEP	1610	51	4.	*	28	SEP	0015	148	0.	*	28	SEP	0820	245	0.	*	28	SEP	1625	342	0.
27	SEP	1615	52	4.	*	28	SEP	0020	149	0.	*	28	SEP	0825	246	0.	*	28	SEP	1630	343	0.
27	SEP	1620	53	4.	*	28	SEP	0025	150	0.	*	28	SEP	0830	247	0.	*	28	SEP	1635	344	0.
27	SEP	1625	54	3.	*	28	SEP	0030	151	0.	*	28	SEP	0835	248	0.	*	28	SEP	1640	345	0.
27	SEP	1630	55	2.	*	28	SEP	0035	152	0.	*	28	SEP	0840	249	0.	*	28	SEP	1645	346	0.
27	SEP	1635	56	3.	*	28	SEP	0040	153	0.	*	28	SEP	0845	250	0.	*	28	SEP	1650	347	0.
27	SEP	1640	57	3.	*	28	SEP	0045	154	0.	*	28	SEP	0850	251	0.	*	28	SEP	1655	348	0.
27	SEP	1645	58	3.	*	28	SEP	0050	155	0.	*	28	SEP	0855	252	0.	*	28	SEP	1700	349	0.
27	SEP	1650	59	3.	*	28	SEP	0055	156	0.	*	28	SEP	0900	253	0.	*	28	SEP	1705	350	0.

27	SEP	1655	60	3.	*	28	SEP	0100	157	0.	*	28	SEP	0905	254	0.	*	28	SEP	1710	351	0.
27	SEP	1700	61	3.	*	28	SEP	0105	158	0.	*	28	SEP	0910	255	0.	*	28	SEP	1715	352	0.
27	SEP	1705	62	3.	*	28	SEP	0110	159	0.	*	28	SEP	0915	256	0.	*	28	SEP	1720	353	0.
27	SEP	1710	63	3.	*	28	SEP	0115	160	0.	*	28	SEP	0920	257	0.	*	28	SEP	1725	354	0.
27	SEP	1715	64	2.	*	28	SEP	0120	161	0.	*	28	SEP	0925	258	0.	*	28	SEP	1730	355	0.
27	SEP	1720	65	2.	*	28	SEP	0125	162	0.	*	28	SEP	0930	259	0.	*	28	SEP	1735	356	0.
27	SEP	1725	66	2.	*	28	SEP	0130	163	0.	*	28	SEP	0935	260	0.	*	28	SEP	1740	357	0.
27	SEP	1730	67	2.	*	28	SEP	0135	164	0.	*	28	SEP	0940	261	0.	*	28	SEP	1745	358	0.
27	SEP	1735	68	3.	*	28	SEP	0140	165	0.	*	28	SEP	0945	262	0.	*	28	SEP	1750	359	0.
27	SEP	1740	69	2.	*	28	SEP	0145	166	0.	*	28	SEP	0950	263	0.	*	28	SEP	1755	360	0.
27	SEP	1745	70	2.	*	28	SEP	0150	167	0.	*	28	SEP	0955	264	0.	*	28	SEP	1800	361	0.
27	SEP	1750	71	2.	*	28	SEP	0155	168	0.	*	28	SEP	1000	265	0.	*	28	SEP	1805	362	0.
27	SEP	1755	72	2.	*	28	SEP	0200	169	0.	*	28	SEP	1005	266	0.	*	28	SEP	1810	363	0.
27	SEP	1800	73	2.	*	28	SEP	0205	170	0.	*	28	SEP	1010	267	0.	*	28	SEP	1815	364	0.
27	SEP	1805	74	1.	*	28	SEP	0210	171	0.	*	28	SEP	1015	268	0.	*	28	SEP	1820	365	0.
27	SEP	1810	75	1.	*	28	SEP	0215	172	0.	*	28	SEP	1020	269	0.	*	28	SEP	1825	366	0.
27	SEP	1815	76	0.	*	28	SEP	0220	173	0.	*	28	SEP	1025	270	0.	*	28	SEP	1830	367	0.
27	SEP	1820	77	0.	*	28	SEP	0225	174	0.	*	28	SEP	1030	271	0.	*	28	SEP	1835	368	0.
27	SEP	1825	78	0.	*	28	SEP	0230	175	0.	*	28	SEP	1035	272	0.	*	28	SEP	1840	369	0.
27	SEP	1830	79	0.	*	28	SEP	0235	176	0.	*	28	SEP	1040	273	0.	*	28	SEP	1845	370	0.
27	SEP	1835	80	0.	*	28	SEP	0240	177	0.	*	28	SEP	1045	274	0.	*	28	SEP	1850	371	0.
27	SEP	1840	81	0.	*	28	SEP	0245	178	0.	*	28	SEP	1050	275	0.	*	28	SEP	1855	372	0.
27	SEP	1845	82	0.	*	28	SEP	0250	179	0.	*	28	SEP	1055	276	0.	*	28	SEP	1900	373	0.
27	SEP	1850	83	0.	*	28	SEP	0255	180	0.	*	28	SEP	1100	277	0.	*	28	SEP	1905	374	0.
27	SEP	1855	84	0.	*	28	SEP	0300	181	0.	*	28	SEP	1105	278	0.	*	28	SEP	1910	375	0.
27	SEP	1900	85	0.	*	28	SEP	0305	182	0.	*	28	SEP	1110	279	0.	*	28	SEP	1915	376	0.
27	SEP	1905	86	0.	*	28	SEP	0310	183	0.	*	28	SEP	1115	280	0.	*	28	SEP	1920	377	0.
27	SEP	1910	87	0.	*	28	SEP	0315	184	0.	*	28	SEP	1120	281	0.	*	28	SEP	1925	378	0.
27	SEP	1915	88	0.	*	28	SEP	0320	185	0.	*	28	SEP	1125	282	0.	*	28	SEP	1930	379	0.
27	SEP	1920	89	0.	*	28	SEP	0325	186	0.	*	28	SEP	1130	283	0.	*	28	SEP	1935	380	0.
27	SEP	1925	90	0.	*	28	SEP	0330	187	0.	*	28	SEP	1135	284	0.	*	28	SEP	1940	381	0.
27	SEP	1930	91	0.	*	28	SEP	0335	188	0.	*	28	SEP	1140	285	0.	*	28	SEP	1945	382	0.
27	SEP	1935	92	0.	*	28	SEP	0340	189	0.	*	28	SEP	1145	286	0.	*	28	SEP	1950	383	0.
27	SEP	1940	93	0.	*	28	SEP	0345	190	0.	*	28	SEP	1150	287	0.	*	28	SEP	1955	384	0.
27	SEP	1945	94	0.	*	28	SEP	0350	191	0.	*	28	SEP	1155	288	0.	*	28	SEP	2000	385	0.
27	SEP	1950	95	0.	*	28	SEP	0355	192	0.	*	28	SEP	1200	289	0.	*					
27	SEP	1955	96	0.	*	28	SEP	0400	193	0.	*	28	SEP	1205	290	0.	*					
27	SEP	2000	97	0.	*	28	SEP	0405	194	0.	*	28	SEP	1210	291	0.	*					
					*						*						*					

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PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	32.00-HR
+ (CFS)	(HR)					
		(CFS)				
+ 40.	3.17		5.	1.	1.	1.
		(INCHES)	3.491	3.491	3.491	3.491
		(AC-FT)	3.	3.	3.	3.

CUMULATIVE AREA = .01 SQ MI

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          **************
          *            *
 24 KK    *     DEVEL  *
          *            *
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  6 IN        TIME DATA FOR INPUT TIME SERIES
                   JXMIN          5  TIME INTERVAL IN MINUTES
                  JXDATE    27SEP99  STARTING DATE
                  JXTIME       1200  STARTING TIME

            SUBBASIN RUNOFF DATA

 25 BA        SUBBASIN CHARACTERISTICS
                   TAREA        .03  SUBBASIN AREA

              PRECIPITATION DATA

 26 PB             STORM       1.00  BASIN TOTAL PRECIPITATION

 27 PI          INCREMENTAL PRECIPITATION PATTERN
                  .00       .00       .00       .00       .00       .00       .01       .00       .00       .00
                  .00       .00       .01       .00       .00       .00       .00       .01       .01       .01
                  .01       .00       .01       .01       .01       .01       .01       .01       .02       .02
                  .02       .03       .04       .05       .10       .14       .07       .06       .04       .03
                  .03       .02       .02       .01       .01       .01       .01       .01       .01       .01
                  .01       .00       .00       .01       .01       .01       .00       .00       .01       .01
                  .00       .00       .00       .00       .00       .00       .00       .00       .00       .01
                  .00       .00

 35 LS        SCS LOSS RATE
                   STRTL        .56  INITIAL ABSTRACTION
                  CRVNBR       78.00  CURVE NUMBER
                   RTIMP       85.00  PERCENT IMPERVIOUS AREA

 36 UD        SCS DIMENSIONLESS UNITGRAPH
                    TLAG        .15  LAG
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WARNING *** TIME INTERVAL IS GREATER THAN .29*LAG

UNIT HYDROGRAPH
11 END-OF-PERIOD ORDINATES

27. 72. 63. 32. 16. 8. 4. 2. 1. 1.
0.

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HYDROGRAPH AT STATION DEVEL

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DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q	DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q
27	SEP	1200	1	.00	.00	.00	0.	28	SEP	0405	194	.00	.00	.00	0.
27	SEP	1205	2	.00	.00	.00	0.	28	SEP	0410	195	.00	.00	.00	0.
27	SEP	1210	3	.00	.00	.00	0.	28	SEP	0415	196	.00	.00	.00	0.
27	SEP	1215	4	.00	.00	.00	0.	28	SEP	0420	197	.00	.00	.00	0.
27	SEP	1220	5	.00	.00	.00	1.	28	SEP	0425	198	.00	.00	.00	0.
27	SEP	1225	6	.00	.00	.00	1.	28	SEP	0430	199	.00	.00	.00	0.
27	SEP	1230	7	.00	.00	.00	1.	28	SEP	0435	200	.00	.00	.00	0.
27	SEP	1235	8	.01	.00	.01	1.	28	SEP	0440	201	.00	.00	.00	0.
27	SEP	1240	9	.00	.00	.00	1.	28	SEP	0445	202	.00	.00	.00	0.
27	SEP	1245	10	.00	.00	.00	1.	28	SEP	0450	203	.00	.00	.00	0.
27	SEP	1250	11	.00	.00	.00	1.	28	SEP	0455	204	.00	.00	.00	0.
27	SEP	1255	12	.00	.00	.00	1.	28	SEP	0500	205	.00	.00	.00	0.
27	SEP	1300	13	.00	.00	.00	1.	28	SEP	0505	206	.00	.00	.00	0.
27	SEP	1305	14	.01	.00	.01	1.	28	SEP	0510	207	.00	.00	.00	0.
27	SEP	1310	15	.00	.00	.00	1.	28	SEP	0515	208	.00	.00	.00	0.
27	SEP	1315	16	.00	.00	.00	1.	28	SEP	0520	209	.00	.00	.00	0.
27	SEP	1320	17	.00	.00	.00	1.	28	SEP	0525	210	.00	.00	.00	0.
27	SEP	1325	18	.00	.00	.00	1.	28	SEP	0530	211	.00	.00	.00	0.
27	SEP	1330	19	.01	.00	.01	1.	28	SEP	0535	212	.00	.00	.00	0.
27	SEP	1335	20	.01	.00	.00	1.	28	SEP	0540	213	.00	.00	.00	0.
27	SEP	1340	21	.01	.00	.01	1.	28	SEP	0545	214	.00	.00	.00	0.
27	SEP	1345	22	.01	.00	.01	1.	28	SEP	0550	215	.00	.00	.00	0.
27	SEP	1350	23	.00	.00	.00	1.	28	SEP	0555	216	.00	.00	.00	0.
27	SEP	1355	24	.01	.00	.01	1.	28	SEP	0600	217	.00	.00	.00	0.
27	SEP	1400	25	.01	.00	.01	1.	28	SEP	0605	218	.00	.00	.00	0.
27	SEP	1405	26	.01	.00	.01	1.	28	SEP	0610	219	.00	.00	.00	0.
27	SEP	1410	27	.01	.00	.01	2.	28	SEP	0615	220	.00	.00	.00	0.
27	SEP	1415	28	.01	.00	.01	2.	28	SEP	0620	221	.00	.00	.00	0.
27	SEP	1420	29	.01	.00	.01	2.	28	SEP	0625	222	.00	.00	.00	0.
27	SEP	1425	30	.02	.00	.01	2.	28	SEP	0630	223	.00	.00	.00	0.
27	SEP	1430	31	.02	.00	.02	3.	28	SEP	0635	224	.00	.00	.00	0.
27	SEP	1435	32	.02	.00	.02	3.	28	SEP	0640	225	.00	.00	.00	0.

27 SEP 1440	33	.03	.00	.02	4.	*	28 SEP 0645	226	.00	.00	.00	0.
27 SEP 1445	34	.04	.01	.03	5.	*	28 SEP 0650	227	.00	.00	.00	0.
27 SEP 1450	35	.05	.01	.04	6.	*	28 SEP 0655	228	.00	.00	.00	0.
27 SEP 1455	36	.10	.02	.08	9.	*	28 SEP 0700	229	.00	.00	.00	0.
27 SEP 1500	37	.14	.02	.12	14.	*	28 SEP 0705	230	.00	.00	.00	0.
27 SEP 1505	38	.07	.01	.06	18.	*	28 SEP 0710	231	.00	.00	.00	0.
27 SEP 1510	39	.06	.01	.05	17.	*	28 SEP 0715	232	.00	.00	.00	0.
27 SEP 1515	40	.04	.01	.04	14.	*	28 SEP 0720	233	.00	.00	.00	0.
27 SEP 1520	41	.03	.00	.03	11.	*	28 SEP 0725	234	.00	.00	.00	0.
27 SEP 1525	42	.03	.00	.02	9.	*	28 SEP 0730	235	.00	.00	.00	0.
27 SEP 1530	43	.02	.00	.02	7.	*	28 SEP 0735	236	.00	.00	.00	0.
27 SEP 1535	44	.02	.00	.01	5.	*	28 SEP 0740	237	.00	.00	.00	0.
27 SEP 1540	45	.01	.00	.01	4.	*	28 SEP 0745	238	.00	.00	.00	0.
27 SEP 1545	46	.01	.00	.01	4.	*	28 SEP 0750	239	.00	.00	.00	0.
27 SEP 1550	47	.01	.00	.01	3.	*	28 SEP 0755	240	.00	.00	.00	0.
27 SEP 1555	48	.01	.00	.01	3.	*	28 SEP 0800	241	.00	.00	.00	0.
27 SEP 1600	49	.01	.00	.01	2.	*	28 SEP 0805	242	.00	.00	.00	0.
27 SEP 1605	50	.01	.00	.01	2.	*	28 SEP 0810	243	.00	.00	.00	0.
27 SEP 1610	51	.01	.00	.01	1.	*	28 SEP 0815	244	.00	.00	.00	0.
27 SEP 1615	52	.01	.00	.01	1.	*	28 SEP 0820	245	.00	.00	.00	0.
27 SEP 1620	53	.00	.00	.00	1.	*	28 SEP 0825	246	.00	.00	.00	0.
27 SEP 1625	54	.00	.00	.00	1.	*	28 SEP 0830	247	.00	.00	.00	0.
27 SEP 1630	55	.01	.00	.01	1.	*	28 SEP 0835	248	.00	.00	.00	0.
27 SEP 1635	56	.01	.00	.00	1.	*	28 SEP 0840	249	.00	.00	.00	0.
27 SEP 1640	57	.01	.00	.01	1.	*	28 SEP 0845	250	.00	.00	.00	0.
27 SEP 1645	58	.00	.00	.00	1.	*	28 SEP 0850	251	.00	.00	.00	0.
27 SEP 1650	59	.00	.00	.00	1.	*	28 SEP 0855	252	.00	.00	.00	0.
27 SEP 1655	60	.01	.00	.01	1.	*	28 SEP 0900	253	.00	.00	.00	0.
27 SEP 1700	61	.01	.00	.01	1.	*	28 SEP 0905	254	.00	.00	.00	0.
27 SEP 1705	62	.00	.00	.00	1.	*	28 SEP 0910	255	.00	.00	.00	0.
27 SEP 1710	63	.00	.00	.00	1.	*	28 SEP 0915	256	.00	.00	.00	0.
27 SEP 1715	64	.00	.00	.00	1.	*	28 SEP 0920	257	.00	.00	.00	0.
27 SEP 1720	65	.00	.00	.00	1.	*	28 SEP 0925	258	.00	.00	.00	0.
27 SEP 1725	66	.00	.00	.00	1.	*	28 SEP 0930	259	.00	.00	.00	0.
27 SEP 1730	67	.00	.00	.00	1.	*	28 SEP 0935	260	.00	.00	.00	0.
27 SEP 1735	68	.00	.00	.00	1.	*	28 SEP 0940	261	.00	.00	.00	0.
27 SEP 1740	69	.00	.00	.00	1.	*	28 SEP 0945	262	.00	.00	.00	0.
27 SEP 1745	70	.00	.00	.00	1.	*	28 SEP 0950	263	.00	.00	.00	0.
27 SEP 1750	71	.01	.00	.00	1.	*	28 SEP 0955	264	.00	.00	.00	0.
27 SEP 1755	72	.00	.00	.00	1.	*	28 SEP 1000	265	.00	.00	.00	0.
27 SEP 1800	73	.00	.00	.00	1.	*	28 SEP 1005	266	.00	.00	.00	0.
27 SEP 1805	74	.00	.00	.00	0.	*	28 SEP 1010	267	.00	.00	.00	0.
27 SEP 1810	75	.00	.00	.00	0.	*	28 SEP 1015	268	.00	.00	.00	0.
27 SEP 1815	76	.00	.00	.00	0.	*	28 SEP 1020	269	.00	.00	.00	0.
27 SEP 1820	77	.00	.00	.00	0.	*	28 SEP 1025	270	.00	.00	.00	0.
27 SEP 1825	78	.00	.00	.00	0.	*	28 SEP 1030	271	.00	.00	.00	0.
27 SEP 1830	79	.00	.00	.00	0.	*	28 SEP 1035	272	.00	.00	.00	0.
27 SEP 1835	80	.00	.00	.00	0.	*	28 SEP 1040	273	.00	.00	.00	0.

27 SEP 1840	81	.00	.00	.00	0.	*	28 SEP 1045	274	.00	.00	.00	0.
27 SEP 1845	82	.00	.00	.00	0.	*	28 SEP 1050	275	.00	.00	.00	0.
27 SEP 1850	83	.00	.00	.00	0.	*	28 SEP 1055	276	.00	.00	.00	0.
27 SEP 1855	84	.00	.00	.00	0.	*	28 SEP 1100	277	.00	.00	.00	0.
27 SEP 1900	85	.00	.00	.00	0.	*	28 SEP 1105	278	.00	.00	.00	0.
27 SEP 1905	86	.00	.00	.00	0.	*	28 SEP 1110	279	.00	.00	.00	0.
27 SEP 1910	87	.00	.00	.00	0.	*	28 SEP 1115	280	.00	.00	.00	0.
27 SEP 1915	88	.00	.00	.00	0.	*	28 SEP 1120	281	.00	.00	.00	0.
27 SEP 1920	89	.00	.00	.00	0.	*	28 SEP 1125	282	.00	.00	.00	0.
27 SEP 1925	90	.00	.00	.00	0.	*	28 SEP 1130	283	.00	.00	.00	0.
27 SEP 1930	91	.00	.00	.00	0.	*	28 SEP 1135	284	.00	.00	.00	0.
27 SEP 1935	92	.00	.00	.00	0.	*	28 SEP 1140	285	.00	.00	.00	0.
27 SEP 1940	93	.00	.00	.00	0.	*	28 SEP 1145	286	.00	.00	.00	0.
27 SEP 1945	94	.00	.00	.00	0.	*	28 SEP 1150	287	.00	.00	.00	0.
27 SEP 1950	95	.00	.00	.00	0.	*	28 SEP 1155	288	.00	.00	.00	0.
27 SEP 1955	96	.00	.00	.00	0.	*	28 SEP 1200	289	.00	.00	.00	0.
27 SEP 2000	97	.00	.00	.00	0.	*	28 SEP 1205	290	.00	.00	.00	0.
27 SEP 2005	98	.00	.00	.00	0.	*	28 SEP 1210	291	.00	.00	.00	0.
27 SEP 2010	99	.00	.00	.00	0.	*	28 SEP 1215	292	.00	.00	.00	0.
27 SEP 2015	100	.00	.00	.00	0.	*	28 SEP 1220	293	.00	.00	.00	0.
27 SEP 2020	101	.00	.00	.00	0.	*	28 SEP 1225	294	.00	.00	.00	0.
27 SEP 2025	102	.00	.00	.00	0.	*	28 SEP 1230	295	.00	.00	.00	0.
27 SEP 2030	103	.00	.00	.00	0.	*	28 SEP 1235	296	.00	.00	.00	0.
27 SEP 2035	104	.00	.00	.00	0.	*	28 SEP 1240	297	.00	.00	.00	0.
27 SEP 2040	105	.00	.00	.00	0.	*	28 SEP 1245	298	.00	.00	.00	0.
27 SEP 2045	106	.00	.00	.00	0.	*	28 SEP 1250	299	.00	.00	.00	0.
27 SEP 2050	107	.00	.00	.00	0.	*	28 SEP 1255	300	.00	.00	.00	0.
27 SEP 2055	108	.00	.00	.00	0.	*	28 SEP 1300	301	.00	.00	.00	0.
27 SEP 2100	109	.00	.00	.00	0.	*	28 SEP 1305	302	.00	.00	.00	0.
27 SEP 2105	110	.00	.00	.00	0.	*	28 SEP 1310	303	.00	.00	.00	0.
27 SEP 2110	111	.00	.00	.00	0.	*	28 SEP 1315	304	.00	.00	.00	0.
27 SEP 2115	112	.00	.00	.00	0.	*	28 SEP 1320	305	.00	.00	.00	0.
27 SEP 2120	113	.00	.00	.00	0.	*	28 SEP 1325	306	.00	.00	.00	0.
27 SEP 2125	114	.00	.00	.00	0.	*	28 SEP 1330	307	.00	.00	.00	0.
27 SEP 2130	115	.00	.00	.00	0.	*	28 SEP 1335	308	.00	.00	.00	0.
27 SEP 2135	116	.00	.00	.00	0.	*	28 SEP 1340	309	.00	.00	.00	0.
27 SEP 2140	117	.00	.00	.00	0.	*	28 SEP 1345	310	.00	.00	.00	0.
27 SEP 2145	118	.00	.00	.00	0.	*	28 SEP 1350	311	.00	.00	.00	0.
27 SEP 2150	119	.00	.00	.00	0.	*	28 SEP 1355	312	.00	.00	.00	0.
27 SEP 2155	120	.00	.00	.00	0.	*	28 SEP 1400	313	.00	.00	.00	0.
27 SEP 2200	121	.00	.00	.00	0.	*	28 SEP 1405	314	.00	.00	.00	0.
27 SEP 2205	122	.00	.00	.00	0.	*	28 SEP 1410	315	.00	.00	.00	0.
27 SEP 2210	123	.00	.00	.00	0.	*	28 SEP 1415	316	.00	.00	.00	0.
27 SEP 2215	124	.00	.00	.00	0.	*	28 SEP 1420	317	.00	.00	.00	0.
27 SEP 2220	125	.00	.00	.00	0.	*	28 SEP 1425	318	.00	.00	.00	0.
27 SEP 2225	126	.00	.00	.00	0.	*	28 SEP 1430	319	.00	.00	.00	0.
27 SEP 2230	127	.00	.00	.00	0.	*	28 SEP 1435	320	.00	.00	.00	0.
27 SEP 2235	128	.00	.00	.00	0.	*	28 SEP 1440	321	.00	.00	.00	0.

27	SEP	2240	129	.00	.00	.00	0.	*	28	SEP	1445	322	.00	.00	.00	0.
27	SEP	2245	130	.00	.00	.00	0.	*	28	SEP	1450	323	.00	.00	.00	0.
27	SEP	2250	131	.00	.00	.00	0.	*	28	SEP	1455	324	.00	.00	.00	0.
27	SEP	2255	132	.00	.00	.00	0.	*	28	SEP	1500	325	.00	.00	.00	0.
27	SEP	2300	133	.00	.00	.00	0.	*	28	SEP	1505	326	.00	.00	.00	0.
27	SEP	2305	134	.00	.00	.00	0.	*	28	SEP	1510	327	.00	.00	.00	0.
27	SEP	2310	135	.00	.00	.00	0.	*	28	SEP	1515	328	.00	.00	.00	0.
27	SEP	2315	136	.00	.00	.00	0.	*	28	SEP	1520	329	.00	.00	.00	0.
27	SEP	2320	137	.00	.00	.00	0.	*	28	SEP	1525	330	.00	.00	.00	0.
27	SEP	2325	138	.00	.00	.00	0.	*	28	SEP	1530	331	.00	.00	.00	0.
27	SEP	2330	139	.00	.00	.00	0.	*	28	SEP	1535	332	.00	.00	.00	0.
27	SEP	2335	140	.00	.00	.00	0.	*	28	SEP	1540	333	.00	.00	.00	0.
27	SEP	2340	141	.00	.00	.00	0.	*	28	SEP	1545	334	.00	.00	.00	0.
27	SEP	2345	142	.00	.00	.00	0.	*	28	SEP	1550	335	.00	.00	.00	0.
27	SEP	2350	143	.00	.00	.00	0.	*	28	SEP	1555	336	.00	.00	.00	0.
27	SEP	2355	144	.00	.00	.00	0.	*	28	SEP	1600	337	.00	.00	.00	0.
28	SEP	0000	145	.00	.00	.00	0.	*	28	SEP	1605	338	.00	.00	.00	0.
28	SEP	0005	146	.00	.00	.00	0.	*	28	SEP	1610	339	.00	.00	.00	0.
28	SEP	0010	147	.00	.00	.00	0.	*	28	SEP	1615	340	.00	.00	.00	0.
28	SEP	0015	148	.00	.00	.00	0.	*	28	SEP	1620	341	.00	.00	.00	0.
28	SEP	0020	149	.00	.00	.00	0.	*	28	SEP	1625	342	.00	.00	.00	0.
28	SEP	0025	150	.00	.00	.00	0.	*	28	SEP	1630	343	.00	.00	.00	0.
28	SEP	0030	151	.00	.00	.00	0.	*	28	SEP	1635	344	.00	.00	.00	0.
28	SEP	0035	152	.00	.00	.00	0.	*	28	SEP	1640	345	.00	.00	.00	0.
28	SEP	0040	153	.00	.00	.00	0.	*	28	SEP	1645	346	.00	.00	.00	0.
28	SEP	0045	154	.00	.00	.00	0.	*	28	SEP	1650	347	.00	.00	.00	0.
28	SEP	0050	155	.00	.00	.00	0.	*	28	SEP	1655	348	.00	.00	.00	0.
28	SEP	0055	156	.00	.00	.00	0.	*	28	SEP	1700	349	.00	.00	.00	0.
28	SEP	0100	157	.00	.00	.00	0.	*	28	SEP	1705	350	.00	.00	.00	0.
28	SEP	0105	158	.00	.00	.00	0.	*	28	SEP	1710	351	.00	.00	.00	0.
28	SEP	0110	159	.00	.00	.00	0.	*	28	SEP	1715	352	.00	.00	.00	0.
28	SEP	0115	160	.00	.00	.00	0.	*	28	SEP	1720	353	.00	.00	.00	0.
28	SEP	0120	161	.00	.00	.00	0.	*	28	SEP	1725	354	.00	.00	.00	0.
28	SEP	0125	162	.00	.00	.00	0.	*	28	SEP	1730	355	.00	.00	.00	0.
28	SEP	0130	163	.00	.00	.00	0.	*	28	SEP	1735	356	.00	.00	.00	0.
28	SEP	0135	164	.00	.00	.00	0.	*	28	SEP	1740	357	.00	.00	.00	0.
28	SEP	0140	165	.00	.00	.00	0.	*	28	SEP	1745	358	.00	.00	.00	0.
28	SEP	0145	166	.00	.00	.00	0.	*	28	SEP	1750	359	.00	.00	.00	0.
28	SEP	0150	167	.00	.00	.00	0.	*	28	SEP	1755	360	.00	.00	.00	0.
28	SEP	0155	168	.00	.00	.00	0.	*	28	SEP	1800	361	.00	.00	.00	0.
28	SEP	0200	169	.00	.00	.00	0.	*	28	SEP	1805	362	.00	.00	.00	0.
28	SEP	0205	170	.00	.00	.00	0.	*	28	SEP	1810	363	.00	.00	.00	0.
28	SEP	0210	171	.00	.00	.00	0.	*	28	SEP	1815	364	.00	.00	.00	0.
28	SEP	0215	172	.00	.00	.00	0.	*	28	SEP	1820	365	.00	.00	.00	0.
28	SEP	0220	173	.00	.00	.00	0.	*	28	SEP	1825	366	.00	.00	.00	0.
28	SEP	0225	174	.00	.00	.00	0.	*	28	SEP	1830	367	.00	.00	.00	0.
28	SEP	0230	175	.00	.00	.00	0.	*	28	SEP	1835	368	.00	.00	.00	0.
28	SEP	0235	176	.00	.00	.00	0.	*	28	SEP	1840	369	.00	.00	.00	0.

28 SEP 0240	177	.00	.00	.00	0.	*	28 SEP 1845	370	.00	.00	.00	0.
28 SEP 0245	178	.00	.00	.00	0.	*	28 SEP 1850	371	.00	.00	.00	0.
28 SEP 0250	179	.00	.00	.00	0.	*	28 SEP 1855	372	.00	.00	.00	0.
28 SEP 0255	180	.00	.00	.00	0.	*	28 SEP 1900	373	.00	.00	.00	0.
28 SEP 0300	181	.00	.00	.00	0.	*	28 SEP 1905	374	.00	.00	.00	0.
28 SEP 0305	182	.00	.00	.00	0.	*	28 SEP 1910	375	.00	.00	.00	0.
28 SEP 0310	183	.00	.00	.00	0.	*	28 SEP 1915	376	.00	.00	.00	0.
28 SEP 0315	184	.00	.00	.00	0.	*	28 SEP 1920	377	.00	.00	.00	0.
28 SEP 0320	185	.00	.00	.00	0.	*	28 SEP 1925	378	.00	.00	.00	0.
28 SEP 0325	186	.00	.00	.00	0.	*	28 SEP 1930	379	.00	.00	.00	0.
28 SEP 0330	187	.00	.00	.00	0.	*	28 SEP 1935	380	.00	.00	.00	0.
28 SEP 0335	188	.00	.00	.00	0.	*	28 SEP 1940	381	.00	.00	.00	0.
28 SEP 0340	189	.00	.00	.00	0.	*	28 SEP 1945	382	.00	.00	.00	0.
28 SEP 0345	190	.00	.00	.00	0.	*	28 SEP 1950	383	.00	.00	.00	0.
28 SEP 0350	191	.00	.00	.00	0.	*	28 SEP 1955	384	.00	.00	.00	0.
28 SEP 0355	192	.00	.00	.00	0.	*	28 SEP 2000	385	.00	.00	.00	0.
28 SEP 0400	193	.00	.00	.00	0.	*						

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TOTAL RAINFALL = 1.00, TOTAL LOSS = .14, TOTAL EXCESS = .86

	PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	32.00-HR
+	(CFS)	(HR)				
			(CFS)			
+	18.	3.08	3.	1.	1.	1.
			(INCHES) .857	.859	.859	.859
			(AC-FT) 1.	1.	1.	1.

CUMULATIVE AREA = .03 SQ MI

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

****

HYDROGRAPH AT STATION DEVEL
PLAN 1, RATIO = 5.90

****

DA MON HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q	*	DA MON HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q
27 SEP 1200	1	.00	.00	.00	0.	*	28 SEP 0405	194	.00	.00	.00	0.
27 SEP 1205	2	.01	.00	.01	0.	*	28 SEP 0410	195	.00	.00	.00	0.
27 SEP 1210	3	.03	.00	.03	1.	*	28 SEP 0415	196	.00	.00	.00	0.
27 SEP 1215	4	.03	.00	.03	3.	*	28 SEP 0420	197	.00	.00	.00	0.

27 SEP 1220	5	.02	.00	.02	4.	*	28 SEP 0425	198	.00	.00	.00	0.
27 SEP 1225	6	.02	.00	.02	4.	*	28 SEP 0430	199	.00	.00	.00	0.
27 SEP 1230	7	.02	.00	.02	4.	*	28 SEP 0435	200	.00	.00	.00	0.
27 SEP 1235	8	.04	.01	.03	5.	*	28 SEP 0440	201	.00	.00	.00	0.
27 SEP 1240	9	.02	.00	.02	5.	*	28 SEP 0445	202	.00	.00	.00	0.
27 SEP 1245	10	.02	.00	.02	5.	*	28 SEP 0450	203	.00	.00	.00	0.
27 SEP 1250	11	.02	.00	.02	4.	*	28 SEP 0455	204	.00	.00	.00	0.
27 SEP 1255	12	.02	.00	.02	4.	*	28 SEP 0500	205	.00	.00	.00	0.
27 SEP 1300	13	.03	.00	.03	4.	*	28 SEP 0505	206	.00	.00	.00	0.
27 SEP 1305	14	.04	.01	.03	5.	*	28 SEP 0510	207	.00	.00	.00	0.
27 SEP 1310	15	.02	.00	.02	5.	*	28 SEP 0515	208	.00	.00	.00	0.
27 SEP 1315	16	.02	.00	.02	5.	*	28 SEP 0520	209	.00	.00	.00	0.
27 SEP 1320	17	.03	.00	.03	5.	*	28 SEP 0525	210	.00	.00	.00	0.
27 SEP 1325	18	.02	.00	.02	5.	*	28 SEP 0530	211	.00	.00	.00	0.
27 SEP 1330	19	.04	.01	.03	5.	*	28 SEP 0535	212	.00	.00	.00	0.
27 SEP 1335	20	.03	.00	.03	6.	*	28 SEP 0540	213	.00	.00	.00	0.
27 SEP 1340	21	.04	.01	.04	6.	*	28 SEP 0545	214	.00	.00	.00	0.
27 SEP 1345	22	.04	.01	.03	7.	*	28 SEP 0550	215	.00	.00	.00	0.
27 SEP 1350	23	.02	.00	.02	7.	*	28 SEP 0555	216	.00	.00	.00	0.
27 SEP 1355	24	.05	.01	.04	6.	*	28 SEP 0600	217	.00	.00	.00	0.
27 SEP 1400	25	.04	.01	.04	7.	*	28 SEP 0605	218	.00	.00	.00	0.
27 SEP 1405	26	.05	.01	.05	8.	*	28 SEP 0610	219	.00	.00	.00	0.
27 SEP 1410	27	.06	.01	.06	9.	*	28 SEP 0615	220	.00	.00	.00	0.
27 SEP 1415	28	.08	.01	.07	11.	*	28 SEP 0620	221	.00	.00	.00	0.
27 SEP 1420	29	.08	.01	.07	13.	*	28 SEP 0625	222	.00	.00	.00	0.
27 SEP 1425	30	.09	.01	.08	15.	*	28 SEP 0630	223	.00	.00	.00	0.
27 SEP 1430	31	.11	.01	.10	17.	*	28 SEP 0635	224	.00	.00	.00	0.
27 SEP 1435	32	.13	.01	.12	20.	*	28 SEP 0640	225	.00	.00	.00	0.
27 SEP 1440	33	.16	.01	.14	23.	*	28 SEP 0645	226	.00	.00	.00	0.
27 SEP 1445	34	.22	.02	.20	29.	*	28 SEP 0650	227	.00	.00	.00	0.
27 SEP 1450	35	.31	.02	.28	38.	*	28 SEP 0655	228	.00	.00	.00	0.
27 SEP 1455	36	.59	.03	.56	56.	*	28 SEP 0700	229	.00	.00	.00	0.
27 SEP 1500	37	.85	.04	.81	90.	*	28 SEP 0705	230	.00	.00	.00	0.
27 SEP 1505	38	.41	.01	.40	118.	*	28 SEP 0710	231	.00	.00	.00	0.
27 SEP 1510	39	.35	.01	.34	114.	*	28 SEP 0715	232	.00	.00	.00	0.
27 SEP 1515	40	.25	.01	.25	95.	*	28 SEP 0720	233	.00	.00	.00	0.
27 SEP 1520	41	.18	.00	.17	76.	*	28 SEP 0725	234	.00	.00	.00	0.
27 SEP 1525	42	.15	.00	.14	58.	*	28 SEP 0730	235	.00	.00	.00	0.
27 SEP 1530	43	.11	.00	.11	45.	*	28 SEP 0735	236	.00	.00	.00	0.
27 SEP 1535	44	.10	.00	.10	35.	*	28 SEP 0740	237	.00	.00	.00	0.
27 SEP 1540	45	.09	.00	.09	29.	*	28 SEP 0745	238	.00	.00	.00	0.
27 SEP 1545	46	.07	.00	.07	24.	*	28 SEP 0750	239	.00	.00	.00	0.
27 SEP 1550	47	.06	.00	.06	20.	*	28 SEP 0755	240	.00	.00	.00	0.
27 SEP 1555	48	.06	.00	.06	17.	*	28 SEP 0800	241	.00	.00	.00	0.
27 SEP 1600	49	.04	.00	.03	15.	*	28 SEP 0805	242	.00	.00	.00	0.
27 SEP 1605	50	.04	.00	.03	12.	*	28 SEP 0810	243	.00	.00	.00	0.
27 SEP 1610	51	.04	.00	.03	10.	*	28 SEP 0815	244	.00	.00	.00	0.
27 SEP 1615	52	.04	.00	.04	9.	*	28 SEP 0820	245	.00	.00	.00	0.

27 SEP 1620	53	.02	.00	.02	8.	*	28 SEP 0825	246	.00	.00	.00	0.
27 SEP 1625	54	.01	.00	.01	7.	*	28 SEP 0830	247	.00	.00	.00	0.
27 SEP 1630	55	.05	.00	.05	6.	*	28 SEP 0835	248	.00	.00	.00	0.
27 SEP 1635	56	.03	.00	.03	7.	*	28 SEP 0840	249	.00	.00	.00	0.
27 SEP 1640	57	.04	.00	.03	7.	*	28 SEP 0845	250	.00	.00	.00	0.
27 SEP 1645	58	.02	.00	.02	7.	*	28 SEP 0850	251	.00	.00	.00	0.
27 SEP 1650	59	.02	.00	.02	6.	*	28 SEP 0855	252	.00	.00	.00	0.
27 SEP 1655	60	.04	.00	.04	6.	*	28 SEP 0900	253	.00	.00	.00	0.
27 SEP 1700	61	.04	.00	.03	7.	*	28 SEP 0905	254	.00	.00	.00	0.
27 SEP 1705	62	.02	.00	.02	7.	*	28 SEP 0910	255	.00	.00	.00	0.
27 SEP 1710	63	.02	.00	.02	7.	*	28 SEP 0915	256	.00	.00	.00	0.
27 SEP 1715	64	.01	.00	.01	6.	*	28 SEP 0920	257	.00	.00	.00	0.
27 SEP 1720	65	.02	.00	.02	5.	*	28 SEP 0925	258	.00	.00	.00	0.
27 SEP 1725	66	.03	.00	.03	5.	*	28 SEP 0930	259	.00	.00	.00	0.
27 SEP 1730	67	.03	.00	.03	5.	*	28 SEP 0935	260	.00	.00	.00	0.
27 SEP 1735	68	.02	.00	.02	6.	*	28 SEP 0940	261	.00	.00	.00	0.
27 SEP 1740	69	.02	.00	.02	6.	*	28 SEP 0945	262	.00	.00	.00	0.
27 SEP 1745	70	.01	.00	.01	5.	*	28 SEP 0950	263	.00	.00	.00	0.
27 SEP 1750	71	.03	.00	.03	5.	*	28 SEP 0955	264	.00	.00	.00	0.
27 SEP 1755	72	.01	.00	.01	4.	*	28 SEP 1000	265	.00	.00	.00	0.
27 SEP 1800	73	.01	.00	.01	4.	*	28 SEP 1005	266	.00	.00	.00	0.
27 SEP 1805	74	.00	.00	.00	2.	*	28 SEP 1010	267	.00	.00	.00	0.
27 SEP 1810	75	.00	.00	.00	1.	*	28 SEP 1015	268	.00	.00	.00	0.
27 SEP 1815	76	.00	.00	.00	1.	*	28 SEP 1020	269	.00	.00	.00	0.
27 SEP 1820	77	.00	.00	.00	0.	*	28 SEP 1025	270	.00	.00	.00	0.
27 SEP 1825	78	.00	.00	.00	0.	*	28 SEP 1030	271	.00	.00	.00	0.
27 SEP 1830	79	.00	.00	.00	0.	*	28 SEP 1035	272	.00	.00	.00	0.
27 SEP 1835	80	.00	.00	.00	0.	*	28 SEP 1040	273	.00	.00	.00	0.
27 SEP 1840	81	.00	.00	.00	0.	*	28 SEP 1045	274	.00	.00	.00	0.
27 SEP 1845	82	.00	.00	.00	0.	*	28 SEP 1050	275	.00	.00	.00	0.
27 SEP 1850	83	.00	.00	.00	0.	*	28 SEP 1055	276	.00	.00	.00	0.
27 SEP 1855	84	.00	.00	.00	0.	*	28 SEP 1100	277	.00	.00	.00	0.
27 SEP 1900	85	.00	.00	.00	0.	*	28 SEP 1105	278	.00	.00	.00	0.
27 SEP 1905	86	.00	.00	.00	0.	*	28 SEP 1110	279	.00	.00	.00	0.
27 SEP 1910	87	.00	.00	.00	0.	*	28 SEP 1115	280	.00	.00	.00	0.
27 SEP 1915	88	.00	.00	.00	0.	*	28 SEP 1120	281	.00	.00	.00	0.
27 SEP 1920	89	.00	.00	.00	0.	*	28 SEP 1125	282	.00	.00	.00	0.
27 SEP 1925	90	.00	.00	.00	0.	*	28 SEP 1130	283	.00	.00	.00	0.
27 SEP 1930	91	.00	.00	.00	0.	*	28 SEP 1135	284	.00	.00	.00	0.
27 SEP 1935	92	.00	.00	.00	0.	*	28 SEP 1140	285	.00	.00	.00	0.
27 SEP 1940	93	.00	.00	.00	0.	*	28 SEP 1145	286	.00	.00	.00	0.
27 SEP 1945	94	.00	.00	.00	0.	*	28 SEP 1150	287	.00	.00	.00	0.
27 SEP 1950	95	.00	.00	.00	0.	*	28 SEP 1155	288	.00	.00	.00	0.
27 SEP 1955	96	.00	.00	.00	0.	*	28 SEP 1200	289	.00	.00	.00	0.
27 SEP 2000	97	.00	.00	.00	0.	*	28 SEP 1205	290	.00	.00	.00	0.
27 SEP 2005	98	.00	.00	.00	0.	*	28 SEP 1210	291	.00	.00	.00	0.
27 SEP 2010	99	.00	.00	.00	0.	*	28 SEP 1215	292	.00	.00	.00	0.
27 SEP 2015	100	.00	.00	.00	0.	*	28 SEP 1220	293	.00	.00	.00	0.

27 SEP 2020	101	.00	.00	.00	0.	*	28 SEP 1225	294	.00	.00	.00	0.
27 SEP 2025	102	.00	.00	.00	0.	*	28 SEP 1230	295	.00	.00	.00	0.
27 SEP 2030	103	.00	.00	.00	0.	*	28 SEP 1235	296	.00	.00	.00	0.
27 SEP 2035	104	.00	.00	.00	0.	*	28 SEP 1240	297	.00	.00	.00	0.
27 SEP 2040	105	.00	.00	.00	0.	*	28 SEP 1245	298	.00	.00	.00	0.
27 SEP 2045	106	.00	.00	.00	0.	*	28 SEP 1250	299	.00	.00	.00	0.
27 SEP 2050	107	.00	.00	.00	0.	*	28 SEP 1255	300	.00	.00	.00	0.
27 SEP 2055	108	.00	.00	.00	0.	*	28 SEP 1300	301	.00	.00	.00	0.
27 SEP 2100	109	.00	.00	.00	0.	*	28 SEP 1305	302	.00	.00	.00	0.
27 SEP 2105	110	.00	.00	.00	0.	*	28 SEP 1310	303	.00	.00	.00	0.
27 SEP 2110	111	.00	.00	.00	0.	*	28 SEP 1315	304	.00	.00	.00	0.
27 SEP 2115	112	.00	.00	.00	0.	*	28 SEP 1320	305	.00	.00	.00	0.
27 SEP 2120	113	.00	.00	.00	0.	*	28 SEP 1325	306	.00	.00	.00	0.
27 SEP 2125	114	.00	.00	.00	0.	*	28 SEP 1330	307	.00	.00	.00	0.
27 SEP 2130	115	.00	.00	.00	0.	*	28 SEP 1335	308	.00	.00	.00	0.
27 SEP 2135	116	.00	.00	.00	0.	*	28 SEP 1340	309	.00	.00	.00	0.
27 SEP 2140	117	.00	.00	.00	0.	*	28 SEP 1345	310	.00	.00	.00	0.
27 SEP 2145	118	.00	.00	.00	0.	*	28 SEP 1350	311	.00	.00	.00	0.
27 SEP 2150	119	.00	.00	.00	0.	*	28 SEP 1355	312	.00	.00	.00	0.
27 SEP 2155	120	.00	.00	.00	0.	*	28 SEP 1400	313	.00	.00	.00	0.
27 SEP 2200	121	.00	.00	.00	0.	*	28 SEP 1405	314	.00	.00	.00	0.
27 SEP 2205	122	.00	.00	.00	0.	*	28 SEP 1410	315	.00	.00	.00	0.
27 SEP 2210	123	.00	.00	.00	0.	*	28 SEP 1415	316	.00	.00	.00	0.
27 SEP 2215	124	.00	.00	.00	0.	*	28 SEP 1420	317	.00	.00	.00	0.
27 SEP 2220	125	.00	.00	.00	0.	*	28 SEP 1425	318	.00	.00	.00	0.
27 SEP 2225	126	.00	.00	.00	0.	*	28 SEP 1430	319	.00	.00	.00	0.
27 SEP 2230	127	.00	.00	.00	0.	*	28 SEP 1435	320	.00	.00	.00	0.
27 SEP 2235	128	.00	.00	.00	0.	*	28 SEP 1440	321	.00	.00	.00	0.
27 SEP 2240	129	.00	.00	.00	0.	*	28 SEP 1445	322	.00	.00	.00	0.
27 SEP 2245	130	.00	.00	.00	0.	*	28 SEP 1450	323	.00	.00	.00	0.
27 SEP 2250	131	.00	.00	.00	0.	*	28 SEP 1455	324	.00	.00	.00	0.
27 SEP 2255	132	.00	.00	.00	0.	*	28 SEP 1500	325	.00	.00	.00	0.
27 SEP 2300	133	.00	.00	.00	0.	*	28 SEP 1505	326	.00	.00	.00	0.
27 SEP 2305	134	.00	.00	.00	0.	*	28 SEP 1510	327	.00	.00	.00	0.
27 SEP 2310	135	.00	.00	.00	0.	*	28 SEP 1515	328	.00	.00	.00	0.
27 SEP 2315	136	.00	.00	.00	0.	*	28 SEP 1520	329	.00	.00	.00	0.
27 SEP 2320	137	.00	.00	.00	0.	*	28 SEP 1525	330	.00	.00	.00	0.
27 SEP 2325	138	.00	.00	.00	0.	*	28 SEP 1530	331	.00	.00	.00	0.
27 SEP 2330	139	.00	.00	.00	0.	*	28 SEP 1535	332	.00	.00	.00	0.
27 SEP 2335	140	.00	.00	.00	0.	*	28 SEP 1540	333	.00	.00	.00	0.
27 SEP 2340	141	.00	.00	.00	0.	*	28 SEP 1545	334	.00	.00	.00	0.
27 SEP 2345	142	.00	.00	.00	0.	*	28 SEP 1550	335	.00	.00	.00	0.
27 SEP 2350	143	.00	.00	.00	0.	*	28 SEP 1555	336	.00	.00	.00	0.
27 SEP 2355	144	.00	.00	.00	0.	*	28 SEP 1600	337	.00	.00	.00	0.
28 SEP 0000	145	.00	.00	.00	0.	*	28 SEP 1605	338	.00	.00	.00	0.
28 SEP 0005	146	.00	.00	.00	0.	*	28 SEP 1610	339	.00	.00	.00	0.
28 SEP 0010	147	.00	.00	.00	0.	*	28 SEP 1615	340	.00	.00	.00	0.
28 SEP 0015	148	.00	.00	.00	0.	*	28 SEP 1620	341	.00	.00	.00	0.

28 SEP 0020	149	.00	.00	.00	0.	*	28 SEP 1625	342	.00	.00	.00	0.
28 SEP 0025	150	.00	.00	.00	0.	*	28 SEP 1630	343	.00	.00	.00	0.
28 SEP 0030	151	.00	.00	.00	0.	*	28 SEP 1635	344	.00	.00	.00	0.
28 SEP 0035	152	.00	.00	.00	0.	*	28 SEP 1640	345	.00	.00	.00	0.
28 SEP 0040	153	.00	.00	.00	0.	*	28 SEP 1645	346	.00	.00	.00	0.
28 SEP 0045	154	.00	.00	.00	0.	*	28 SEP 1650	347	.00	.00	.00	0.
28 SEP 0050	155	.00	.00	.00	0.	*	28 SEP 1655	348	.00	.00	.00	0.
28 SEP 0055	156	.00	.00	.00	0.	*	28 SEP 1700	349	.00	.00	.00	0.
28 SEP 0100	157	.00	.00	.00	0.	*	28 SEP 1705	350	.00	.00	.00	0.
28 SEP 0105	158	.00	.00	.00	0.	*	28 SEP 1710	351	.00	.00	.00	0.
28 SEP 0110	159	.00	.00	.00	0.	*	28 SEP 1715	352	.00	.00	.00	0.
28 SEP 0115	160	.00	.00	.00	0.	*	28 SEP 1720	353	.00	.00	.00	0.
28 SEP 0120	161	.00	.00	.00	0.	*	28 SEP 1725	354	.00	.00	.00	0.
28 SEP 0125	162	.00	.00	.00	0.	*	28 SEP 1730	355	.00	.00	.00	0.
28 SEP 0130	163	.00	.00	.00	0.	*	28 SEP 1735	356	.00	.00	.00	0.
28 SEP 0135	164	.00	.00	.00	0.	*	28 SEP 1740	357	.00	.00	.00	0.
28 SEP 0140	165	.00	.00	.00	0.	*	28 SEP 1745	358	.00	.00	.00	0.
28 SEP 0145	166	.00	.00	.00	0.	*	28 SEP 1750	359	.00	.00	.00	0.
28 SEP 0150	167	.00	.00	.00	0.	*	28 SEP 1755	360	.00	.00	.00	0.
28 SEP 0155	168	.00	.00	.00	0.	*	28 SEP 1800	361	.00	.00	.00	0.
28 SEP 0200	169	.00	.00	.00	0.	*	28 SEP 1805	362	.00	.00	.00	0.
28 SEP 0205	170	.00	.00	.00	0.	*	28 SEP 1810	363	.00	.00	.00	0.
28 SEP 0210	171	.00	.00	.00	0.	*	28 SEP 1815	364	.00	.00	.00	0.
28 SEP 0215	172	.00	.00	.00	0.	*	28 SEP 1820	365	.00	.00	.00	0.
28 SEP 0220	173	.00	.00	.00	0.	*	28 SEP 1825	366	.00	.00	.00	0.
28 SEP 0225	174	.00	.00	.00	0.	*	28 SEP 1830	367	.00	.00	.00	0.
28 SEP 0230	175	.00	.00	.00	0.	*	28 SEP 1835	368	.00	.00	.00	0.
28 SEP 0235	176	.00	.00	.00	0.	*	28 SEP 1840	369	.00	.00	.00	0.
28 SEP 0240	177	.00	.00	.00	0.	*	28 SEP 1845	370	.00	.00	.00	0.
28 SEP 0245	178	.00	.00	.00	0.	*	28 SEP 1850	371	.00	.00	.00	0.
28 SEP 0250	179	.00	.00	.00	0.	*	28 SEP 1855	372	.00	.00	.00	0.
28 SEP 0255	180	.00	.00	.00	0.	*	28 SEP 1900	373	.00	.00	.00	0.
28 SEP 0300	181	.00	.00	.00	0.	*	28 SEP 1905	374	.00	.00	.00	0.
28 SEP 0305	182	.00	.00	.00	0.	*	28 SEP 1910	375	.00	.00	.00	0.
28 SEP 0310	183	.00	.00	.00	0.	*	28 SEP 1915	376	.00	.00	.00	0.
28 SEP 0315	184	.00	.00	.00	0.	*	28 SEP 1920	377	.00	.00	.00	0.
28 SEP 0320	185	.00	.00	.00	0.	*	28 SEP 1925	378	.00	.00	.00	0.
28 SEP 0325	186	.00	.00	.00	0.	*	28 SEP 1930	379	.00	.00	.00	0.
28 SEP 0330	187	.00	.00	.00	0.	*	28 SEP 1935	380	.00	.00	.00	0.
28 SEP 0335	188	.00	.00	.00	0.	*	28 SEP 1940	381	.00	.00	.00	0.
28 SEP 0340	189	.00	.00	.00	0.	*	28 SEP 1945	382	.00	.00	.00	0.
28 SEP 0345	190	.00	.00	.00	0.	*	28 SEP 1950	383	.00	.00	.00	0.
28 SEP 0350	191	.00	.00	.00	0.	*	28 SEP 1955	384	.00	.00	.00	0.
28 SEP 0355	192	.00	.00	.00	0.	*	28 SEP 2000	385	.00	.00	.00	0.
28 SEP 0400	193	.00	.00	.00	0.	*						

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 TOTAL RAINFALL =    5.90, TOTAL LOSS =     .36, TOTAL EXCESS =    5.54

 PEAK FLOW      TIME                          MAXIMUM AVERAGE FLOW
                                   6-HR        24-HR       72-HR     32.00-HR
+  (CFS)        (HR)
                         (CFS)
+    118.       3.08                17.          4.          3.          3.
                       (INCHES)    5.527       5.539       5.539       5.539
                        (AC-FT)       9.          9.          9.          9.

                       CUMULATIVE AREA =     .03 SQ MI

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

           **************
           *            *
  37 KK    *     COMB   *
           *            *
           **************

  38 HC        HYDROGRAPH COMBINATION
                     ICOMP            2  NUMBER OF HYDROGRAPHS TO COMBINE

                                                                          ***

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                                      HYDROGRAPH AT STATION      COMB
                                           SUM OF  2 HYDROGRAPHS
                                         PLAN 1,    RATIO =   5.90

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DA MON HRMN	ORD	FLOW	*	DA MON HRMN	ORD	FLOW	*	DA MON HRMN	ORD	FLOW	*	DA MON HRMN	ORD	FLOW
27 SEP 1200	1	0.	*	27 SEP 2005	98	0.	*	28 SEP 0410	195	0.	*	28 SEP 1215	292	0.
27 SEP 1205	2	0.	*	27 SEP 2010	99	0.	*	28 SEP 0415	196	0.	*	28 SEP 1220	293	0.
27 SEP 1210	3	1.	*	27 SEP 2015	100	0.	*	28 SEP 0420	197	0.	*	28 SEP 1225	294	0.
27 SEP 1215	4	3.	*	27 SEP 2020	101	0.	*	28 SEP 0425	198	0.	*	28 SEP 1230	295	0.
27 SEP 1220	5	4.	*	27 SEP 2025	102	0.	*	28 SEP 0430	199	0.	*	28 SEP 1235	296	0.
27 SEP 1225	6	4.	*	27 SEP 2030	103	0.	*	28 SEP 0435	200	0.	*	28 SEP 1240	297	0.
27 SEP 1230	7	4.	*	27 SEP 2035	104	0.	*	28 SEP 0440	201	0.	*	28 SEP 1245	298	0.
27 SEP 1235	8	5.	*	27 SEP 2040	105	0.	*	28 SEP 0445	202	0.	*	28 SEP 1250	299	0.
27 SEP 1240	9	5.	*	27 SEP 2045	106	0.	*	28 SEP 0450	203	0.	*	28 SEP 1255	300	0.

27 SEP 1245	10	5.	*	27 SEP 2050	107	0.	*	28 SEP 0455	204	0.	*	28 SEP 1300	301	0.	
27 SEP 1250	11	4.	*	27 SEP 2055	108	0.	*	28 SEP 0500	205	0.	*	28 SEP 1305	302	0.	
27 SEP 1255	12	4.	*	27 SEP 2100	109	0.	*	28 SEP 0505	206	0.	*	28 SEP 1310	303	0.	
27 SEP 1300	13	4.	*	27 SEP 2105	110	0.	*	28 SEP 0510	207	0.	*	28 SEP 1315	304	0.	
27 SEP 1305	14	5.	*	27 SEP 2110	111	0.	*	28 SEP 0515	208	0.	*	28 SEP 1320	305	0.	
27 SEP 1310	15	5.	*	27 SEP 2115	112	0.	*	28 SEP 0520	209	0.	*	28 SEP 1325	306	0.	
27 SEP 1315	16	5.	*	27 SEP 2120	113	0.	*	28 SEP 0525	210	0.	*	28 SEP 1330	307	0.	
27 SEP 1320	17	5.	*	27 SEP 2125	114	0.	*	28 SEP 0530	211	0.	*	28 SEP 1335	308	0.	
27 SEP 1325	18	5.	*	27 SEP 2130	115	0.	*	28 SEP 0535	212	0.	*	28 SEP 1340	309	0.	
27 SEP 1330	19	5.	*	27 SEP 2135	116	0.	*	28 SEP 0540	213	0.	*	28 SEP 1345	310	0.	
27 SEP 1335	20	6.	*	27 SEP 2140	117	0.	*	28 SEP 0545	214	0.	*	28 SEP 1350	311	0.	
27 SEP 1340	21	6.	*	27 SEP 2145	118	0.	*	28 SEP 0550	215	0.	*	28 SEP 1355	312	0.	
27 SEP 1345	22	7.	*	27 SEP 2150	119	0.	*	28 SEP 0555	216	0.	*	28 SEP 1400	313	0.	
27 SEP 1350	23	7.	*	27 SEP 2155	120	0.	*	28 SEP 0600	217	0.	*	28 SEP 1405	314	0.	
27 SEP 1355	24	6.	*	27 SEP 2200	121	0.	*	28 SEP 0605	218	0.	*	28 SEP 1410	315	0.	
27 SEP 1400	25	7.	*	27 SEP 2205	122	0.	*	28 SEP 0610	219	0.	*	28 SEP 1415	316	0.	
27 SEP 1405	26	8.	*	27 SEP 2210	123	0.	*	28 SEP 0615	220	0.	*	28 SEP 1420	317	0.	
27 SEP 1410	27	9.	*	27 SEP 2215	124	0.	*	28 SEP 0620	221	0.	*	28 SEP 1425	318	0.	
27 SEP 1415	28	11.	*	27 SEP 2220	125	0.	*	28 SEP 0625	222	0.	*	28 SEP 1430	319	0.	
27 SEP 1420	29	14.	*	27 SEP 2225	126	0.	*	28 SEP 0630	223	0.	*	28 SEP 1435	320	0.	
27 SEP 1425	30	16.	*	27 SEP 2230	127	0.	*	28 SEP 0635	224	0.	*	28 SEP 1440	321	0.	
27 SEP 1430	31	19.	*	27 SEP 2235	128	0.	*	28 SEP 0640	225	0.	*	28 SEP 1445	322	0.	
27 SEP 1435	32	23.	*	27 SEP 2240	129	0.	*	28 SEP 0645	226	0.	*	28 SEP 1450	323	0.	
27 SEP 1440	33	27.	*	27 SEP 2245	130	0.	*	28 SEP 0650	227	0.	*	28 SEP 1455	324	0.	
27 SEP 1445	34	34.	*	27 SEP 2250	131	0.	*	28 SEP 0655	228	0.	*	28 SEP 1500	325	0.	
27 SEP 1450	35	46.	*	27 SEP 2255	132	0.	*	28 SEP 0700	229	0.	*	28 SEP 1505	326	0.	
27 SEP 1455	36	70.	*	27 SEP 2300	133	0.	*	28 SEP 0705	230	0.	*	28 SEP 1510	327	0.	
27 SEP 1500	37	117.	*	27 SEP 2305	134	0.	*	28 SEP 0710	231	0.	*	28 SEP 1515	328	0.	
27 SEP 1505	38	158.	*	27 SEP 2310	135	0.	*	28 SEP 0715	232	0.	*	28 SEP 1520	329	0.	
27 SEP 1510	39	154.	*	27 SEP 2315	136	0.	*	28 SEP 0720	233	0.	*	28 SEP 1525	330	0.	
27 SEP 1515	40	130.	*	27 SEP 2320	137	0.	*	28 SEP 0725	234	0.	*	28 SEP 1530	331	0.	
27 SEP 1520	41	105.	*	27 SEP 2325	138	0.	*	28 SEP 0730	235	0.	*	28 SEP 1535	332	0.	
27 SEP 1525	42	81.	*	27 SEP 2330	139	0.	*	28 SEP 0735	236	0.	*	28 SEP 1540	333	0.	
27 SEP 1530	43	63.	*	27 SEP 2335	140	0.	*	28 SEP 0740	237	0.	*	28 SEP 1545	334	0.	
27 SEP 1535	44	50.	*	27 SEP 2340	141	0.	*	28 SEP 0745	238	0.	*	28 SEP 1550	335	0.	
27 SEP 1540	45	40.	*	27 SEP 2345	142	0.	*	28 SEP 0750	239	0.	*	28 SEP 1555	336	0.	
27 SEP 1545	46	34.	*	27 SEP 2350	143	0.	*	28 SEP 0755	240	0.	*	28 SEP 1600	337	0.	
27 SEP 1550	47	28.	*	27 SEP 2355	144	0.	*	28 SEP 0800	241	0.	*	28 SEP 1605	338	0.	
27 SEP 1555	48	24.	*	28 SEP 0000	145	0.	*	28 SEP 0805	242	0.	*	28 SEP 1610	339	0.	
27 SEP 1600	49	21.	*	28 SEP 0005	146	0.	*	28 SEP 0810	243	0.	*	28 SEP 1615	340	0.	
27 SEP 1605	50	17.	*	28 SEP 0010	147	0.	*	28 SEP 0815	244	0.	*	28 SEP 1620	341	0.	
27 SEP 1610	51	14.	*	28 SEP 0015	148	0.	*	28 SEP 0820	245	0.	*	28 SEP 1625	342	0.	
27 SEP 1615	52	13.	*	28 SEP 0020	149	0.	*	28 SEP 0825	246	0.	*	28 SEP 1630	343	0.	
27 SEP 1620	53	12.	*	28 SEP 0025	150	0.	*	28 SEP 0830	247	0.	*	28 SEP 1635	344	0.	
27 SEP 1625	54	10.	*	28 SEP 0030	151	0.	*	28 SEP 0835	248	0.	*	28 SEP 1640	345	0.	
27 SEP 1630	55	8.	*	28 SEP 0035	152	0.	*	28 SEP 0840	249	0.	*	28 SEP 1645	346	0.	
27 SEP 1635	56	10.	*	28 SEP 0040	153	0.	*	28 SEP 0845	250	0.	*	28 SEP 1650	347	0.	
27 SEP 1640	57	11.	*	28 SEP 0045	154	0.	*	28 SEP 0850	251	0.	*	28 SEP 1655	348	0.	

27	SEP	1645	58	10.	*	28	SEP	0050	155	0.	*	28	SEP	0855	252	0.	*	28	SEP	1700	349	0.
27	SEP	1650	59	9.	*	28	SEP	0055	156	0.	*	28	SEP	0900	253	0.	*	28	SEP	1705	350	0.
27	SEP	1655	60	8.	*	28	SEP	0100	157	0.	*	28	SEP	0905	254	0.	*	28	SEP	1710	351	0.
27	SEP	1700	61	10.	*	28	SEP	0105	158	0.	*	28	SEP	0910	255	0.	*	28	SEP	1715	352	0.
27	SEP	1705	62	10.	*	28	SEP	0110	159	0.	*	28	SEP	0915	256	0.	*	28	SEP	1720	353	0.
27	SEP	1710	63	9.	*	28	SEP	0115	160	0.	*	28	SEP	0920	257	0.	*	28	SEP	1725	354	0.
27	SEP	1715	64	8.	*	28	SEP	0120	161	0.	*	28	SEP	0925	258	0.	*	28	SEP	1730	355	0.
27	SEP	1720	65	7.	*	28	SEP	0125	162	0.	*	28	SEP	0930	259	0.	*	28	SEP	1735	356	0.
27	SEP	1725	66	7.	*	28	SEP	0130	163	0.	*	28	SEP	0935	260	0.	*	28	SEP	1740	357	0.
27	SEP	1730	67	8.	*	28	SEP	0135	164	0.	*	28	SEP	0940	261	0.	*	28	SEP	1745	358	0.
27	SEP	1735	68	8.	*	28	SEP	0140	165	0.	*	28	SEP	0945	262	0.	*	28	SEP	1750	359	0.
27	SEP	1740	69	8.	*	28	SEP	0145	166	0.	*	28	SEP	0950	263	0.	*	28	SEP	1755	360	0.
27	SEP	1745	70	7.	*	28	SEP	0150	167	0.	*	28	SEP	0955	264	0.	*	28	SEP	1800	361	0.
27	SEP	1750	71	7.	*	28	SEP	0155	168	0.	*	28	SEP	1000	265	0.	*	28	SEP	1805	362	0.
27	SEP	1755	72	6.	*	28	SEP	0200	169	0.	*	28	SEP	1005	266	0.	*	28	SEP	1810	363	0.
27	SEP	1800	73	5.	*	28	SEP	0205	170	0.	*	28	SEP	1010	267	0.	*	28	SEP	1815	364	0.
27	SEP	1805	74	3.	*	28	SEP	0210	171	0.	*	28	SEP	1015	268	0.	*	28	SEP	1820	365	0.
27	SEP	1810	75	2.	*	28	SEP	0215	172	0.	*	28	SEP	1020	269	0.	*	28	SEP	1825	366	0.
27	SEP	1815	76	1.	*	28	SEP	0220	173	0.	*	28	SEP	1025	270	0.	*	28	SEP	1830	367	0.
27	SEP	1820	77	0.	*	28	SEP	0225	174	0.	*	28	SEP	1030	271	0.	*	28	SEP	1835	368	0.
27	SEP	1825	78	0.	*	28	SEP	0230	175	0.	*	28	SEP	1035	272	0.	*	28	SEP	1840	369	0.
27	SEP	1830	79	0.	*	28	SEP	0235	176	0.	*	28	SEP	1040	273	0.	*	28	SEP	1845	370	0.
27	SEP	1835	80	0.	*	28	SEP	0240	177	0.	*	28	SEP	1045	274	0.	*	28	SEP	1850	371	0.
27	SEP	1840	81	0.	*	28	SEP	0245	178	0.	*	28	SEP	1050	275	0.	*	28	SEP	1855	372	0.
27	SEP	1845	82	0.	*	28	SEP	0250	179	0.	*	28	SEP	1055	276	0.	*	28	SEP	1900	373	0.
27	SEP	1850	83	0.	*	28	SEP	0255	180	0.	*	28	SEP	1100	277	0.	*	28	SEP	1905	374	0.
27	SEP	1855	84	0.	*	28	SEP	0300	181	0.	*	28	SEP	1105	278	0.	*	28	SEP	1910	375	0.
27	SEP	1900	85	0.	*	28	SEP	0305	182	0.	*	28	SEP	1110	279	0.	*	28	SEP	1915	376	0.
27	SEP	1905	86	0.	*	28	SEP	0310	183	0.	*	28	SEP	1115	280	0.	*	28	SEP	1920	377	0.
27	SEP	1910	87	0.	*	28	SEP	0315	184	0.	*	28	SEP	1120	281	0.	*	28	SEP	1925	378	0.
27	SEP	1915	88	0.	*	28	SEP	0320	185	0.	*	28	SEP	1125	282	0.	*	28	SEP	1930	379	0.
27	SEP	1920	89	0.	*	28	SEP	0325	186	0.	*	28	SEP	1130	283	0.	*	28	SEP	1935	380	0.
27	SEP	1925	90	0.	*	28	SEP	0330	187	0.	*	28	SEP	1135	284	0.	*	28	SEP	1940	381	0.
27	SEP	1930	91	0.	*	28	SEP	0335	188	0.	*	28	SEP	1140	285	0.	*	28	SEP	1945	382	0.
27	SEP	1935	92	0.	*	28	SEP	0340	189	0.	*	28	SEP	1145	286	0.	*	28	SEP	1950	383	0.
27	SEP	1940	93	0.	*	28	SEP	0345	190	0.	*	28	SEP	1150	287	0.	*	28	SEP	1955	384	0.
27	SEP	1945	94	0.	*	28	SEP	0350	191	0.	*	28	SEP	1155	288	0.	*	28	SEP	2000	385	0.
27	SEP	1950	95	0.	*	28	SEP	0355	192	0.	*	28	SEP	1200	289	0.	*					
27	SEP	1955	96	0.	*	28	SEP	0400	193	0.	*	28	SEP	1205	290	0.	*					
27	SEP	2000	97	0.	*	28	SEP	0405	194	0.	*	28	SEP	1210	291	0.	*					

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PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	32.00-HR
(CFS)	(HR)	(CFS)			
158.	3.08	22.	6.	4.	4.

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      (INCHES)     4.862        4.872        4.872        4.872
       (AC-FT)       11.          11.          11.          11.

      CUMULATIVE AREA =      .04 SQ MI


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              *            *
 39 KK        *    POND1   *
              *            *
              **************

               HYDROGRAPH ROUTING DATA

 40 RS            STORAGE ROUTING
                        NSTPS          1  NUMBER OF SUBREACHES
                         ITYP       ELEV  TYPE OF INITIAL CONDITION
                       RSVRIC    1373.00  INITIAL CONDITION
                            X        .00  WORKING R AND D COEFFICIENT

 41 SA                   AREA         .8         .9        1.0        1.1        1.2

 42 SE              ELEVATION    1373.00    1374.00    1375.00    1376.00    1377.00

 43 SQ              DISCHARGE         0.        11.        22.        34.        45.        56.        67.        78.        90.       101.
                                    112.       123.       134.       146.

 45 SE              ELEVATION    1373.00    1373.65    1374.02    1374.34    1374.63    1374.89    1375.13    1375.36    1375.58    1375.79
                                 1376.00    1376.19    1376.38    1376.57

                                                       ***

                                   COMPUTED STORAGE-ELEVATION DATA

          STORAGE        .00        .87       1.82       2.85       3.98
        ELEVATION    1373.00    1374.00    1375.00    1376.00    1377.00

                                COMPUTED STORAGE-OUTFLOW-ELEVATION DATA

          STORAGE        .00        .56        .87        .89       1.18       1.46       1.71       1.82       1.95       2.18
          OUTFLOW        .00      11.20      21.79      22.40      33.60      44.80      56.00      61.13      67.20      78.40
        ELEVATION    1373.00    1373.65    1374.00    1374.02    1374.34    1374.63    1374.89    1375.00    1375.13    1375.36
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STORAGE	2.41	2.63	2.85	3.06	3.27	3.48	3.98
OUTFLOW	89.60	100.80	112.00	123.20	134.40	145.60	170.96
ELEVATION	1375.58	1375.79	1376.00	1376.19	1376.38	1376.57	1377.00

HYDROGRAPH AT STATION POND1
PLAN 1, RATIO = 5.90

DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE
27	SEP	1200	1	0.	.0	1373.0	27	SEP	2245	130	0.	.0	1373.0	28	SEP	0930	259	0.	.0	1373.0
27	SEP	1205	2	0.	.0	1373.0	27	SEP	2250	131	0.	.0	1373.0	28	SEP	0935	260	0.	.0	1373.0
27	SEP	1210	3	0.	.0	1373.0	27	SEP	2255	132	0.	.0	1373.0	28	SEP	0940	261	0.	.0	1373.0
27	SEP	1215	4	0.	.0	1373.0	27	SEP	2300	133	0.	.0	1373.0	28	SEP	0945	262	0.	.0	1373.0
27	SEP	1220	5	1.	.0	1373.0	27	SEP	2305	134	0.	.0	1373.0	28	SEP	0950	263	0.	.0	1373.0
27	SEP	1225	6	1.	.1	1373.1	27	SEP	2310	135	0.	.0	1373.0	28	SEP	0955	264	0.	.0	1373.0
27	SEP	1230	7	2.	.1	1373.1	27	SEP	2315	136	0.	.0	1373.0	28	SEP	1000	265	0.	.0	1373.0
27	SEP	1235	8	2.	.1	1373.1	27	SEP	2320	137	0.	.0	1373.0	28	SEP	1005	266	0.	.0	1373.0
27	SEP	1240	9	2.	.1	1373.1	27	SEP	2325	138	0.	.0	1373.0	28	SEP	1010	267	0.	.0	1373.0
27	SEP	1245	10	3.	.1	1373.2	27	SEP	2330	139	0.	.0	1373.0	28	SEP	1015	268	0.	.0	1373.0
27	SEP	1250	11	3.	.1	1373.2	27	SEP	2335	140	0.	.0	1373.0	28	SEP	1020	269	0.	.0	1373.0
27	SEP	1255	12	3.	.2	1373.2	27	SEP	2340	141	0.	.0	1373.0	28	SEP	1025	270	0.	.0	1373.0
27	SEP	1300	13	3.	.2	1373.2	27	SEP	2345	142	0.	.0	1373.0	28	SEP	1030	271	0.	.0	1373.0
27	SEP	1305	14	3.	.2	1373.2	27	SEP	2350	143	0.	.0	1373.0	28	SEP	1035	272	0.	.0	1373.0
27	SEP	1310	15	4.	.2	1373.2	27	SEP	2355	144	0.	.0	1373.0	28	SEP	1040	273	0.	.0	1373.0
27	SEP	1315	16	4.	.2	1373.2	28	SEP	0000	145	0.	.0	1373.0	28	SEP	1045	274	0.	.0	1373.0
27	SEP	1320	17	4.	.2	1373.2	28	SEP	0005	146	0.	.0	1373.0	28	SEP	1050	275	0.	.0	1373.0
27	SEP	1325	18	4.	.2	1373.2	28	SEP	0010	147	0.	.0	1373.0	28	SEP	1055	276	0.	.0	1373.0
27	SEP	1330	19	4.	.2	1373.2	28	SEP	0015	148	0.	.0	1373.0	28	SEP	1100	277	0.	.0	1373.0
27	SEP	1335	20	4.	.2	1373.3	28	SEP	0020	149	0.	.0	1373.0	28	SEP	1105	278	0.	.0	1373.0
27	SEP	1340	21	5.	.2	1373.3	28	SEP	0025	150	0.	.0	1373.0	28	SEP	1110	279	0.	.0	1373.0
27	SEP	1345	22	5.	.2	1373.3	28	SEP	0030	151	0.	.0	1373.0	28	SEP	1115	280	0.	.0	1373.0
27	SEP	1350	23	5.	.3	1373.3	28	SEP	0035	152	0.	.0	1373.0	28	SEP	1120	281	0.	.0	1373.0
27	SEP	1355	24	5.	.3	1373.3	28	SEP	0040	153	0.	.0	1373.0	28	SEP	1125	282	0.	.0	1373.0
27	SEP	1400	25	5.	.3	1373.3	28	SEP	0045	154	0.	.0	1373.0	28	SEP	1130	283	0.	.0	1373.0
27	SEP	1405	26	6.	.3	1373.3	28	SEP	0050	155	0.	.0	1373.0	28	SEP	1135	284	0.	.0	1373.0
27	SEP	1410	27	6.	.3	1373.4	28	SEP	0055	156	0.	.0	1373.0	28	SEP	1140	285	0.	.0	1373.0
27	SEP	1415	28	7.	.3	1373.4	28	SEP	0100	157	0.	.0	1373.0	28	SEP	1145	286	0.	.0	1373.0
27	SEP	1420	29	7.	.4	1373.4	28	SEP	0105	158	0.	.0	1373.0	28	SEP	1150	287	0.	.0	1373.0
27	SEP	1425	30	8.	.4	1373.5	28	SEP	0110	159	0.	.0	1373.0	28	SEP	1155	288	0.	.0	1373.0
27	SEP	1430	31	10.	.5	1373.6	28	SEP	0115	160	0.	.0	1373.0	28	SEP	1200	289	0.	.0	1373.0
27	SEP	1435	32	11.	.5	1373.6	28	SEP	0120	161	0.	.0	1373.0	28	SEP	1205	290	0.	.0	1373.0
27	SEP	1440	33	14.	.6	1373.7	28	SEP	0125	162	0.	.0	1373.0	28	SEP	1210	291	0.	.0	1373.0
27	SEP	1445	34	17.	.7	1373.9	28	SEP	0130	163	0.	.0	1373.0	28	SEP	1215	292	0.	.0	1373.0
27	SEP	1450	35	22.	.9	1374.0	28	SEP	0135	164	0.	.0	1373.0	28	SEP	1220	293	0.	.0	1373.0

27	SEP	1455	36	30.	1.1	1374.2	*	28	SEP	0140	165	0.	.0	1373.0	*	28	SEP	1225	294	0.	.0	1373.0
27	SEP	1500	37	46.	1.5	1374.7	*	28	SEP	0145	166	0.	.0	1373.0	*	28	SEP	1230	295	0.	.0	1373.0
27	SEP	1505	38	71.	2.0	1375.2	*	28	SEP	0150	167	0.	.0	1373.0	*	28	SEP	1235	296	0.	.0	1373.0
27	SEP	1510	39	96.	2.5	1375.7	*	28	SEP	0155	168	0.	.0	1373.0	*	28	SEP	1240	297	0.	.0	1373.0
27	SEP	1515	40	109.	2.8	1375.9	*	28	SEP	0200	169	0.	.0	1373.0	*	28	SEP	1245	298	0.	.0	1373.0
27	SEP	1520	41	111.	2.8	1376.0	*	28	SEP	0205	170	0.	.0	1373.0	*	28	SEP	1250	299	0.	.0	1373.0
27	SEP	1525	42	106.	2.7	1375.9	*	28	SEP	0210	171	0.	.0	1373.0	*	28	SEP	1255	300	0.	.0	1373.0
27	SEP	1530	43	96.	2.5	1375.7	*	28	SEP	0215	172	0.	.0	1373.0	*	28	SEP	1300	301	0.	.0	1373.0
27	SEP	1535	44	84.	2.3	1375.5	*	28	SEP	0220	173	0.	.0	1373.0	*	28	SEP	1305	302	0.	.0	1373.0
27	SEP	1540	45	73.	2.1	1375.3	*	28	SEP	0225	174	0.	.0	1373.0	*	28	SEP	1310	303	0.	.0	1373.0
27	SEP	1545	46	63.	1.9	1375.0	*	28	SEP	0230	175	0.	.0	1373.0	*	28	SEP	1315	304	0.	.0	1373.0
27	SEP	1550	47	54.	1.7	1374.8	*	28	SEP	0235	176	0.	.0	1373.0	*	28	SEP	1320	305	0.	.0	1373.0
27	SEP	1555	48	47.	1.5	1374.7	*	28	SEP	0240	177	0.	.0	1373.0	*	28	SEP	1325	306	0.	.0	1373.0
27	SEP	1600	49	40.	1.4	1374.5	*	28	SEP	0245	178	0.	.0	1373.0	*	28	SEP	1330	307	0.	.0	1373.0
27	SEP	1605	50	35.	1.2	1374.4	*	28	SEP	0250	179	0.	.0	1373.0	*	28	SEP	1335	308	0.	.0	1373.0
27	SEP	1610	51	30.	1.1	1374.3	*	28	SEP	0255	180	0.	.0	1373.0	*	28	SEP	1340	309	0.	.0	1373.0
27	SEP	1615	52	27.	1.0	1374.1	*	28	SEP	0300	181	0.	.0	1373.0	*	28	SEP	1345	310	0.	.0	1373.0
27	SEP	1620	53	23.	.9	1374.0	*	28	SEP	0305	182	0.	.0	1373.0	*	28	SEP	1350	311	0.	.0	1373.0
27	SEP	1625	54	21.	.8	1374.0	*	28	SEP	0310	183	0.	.0	1373.0	*	28	SEP	1355	312	0.	.0	1373.0
27	SEP	1630	55	18.	.8	1373.9	*	28	SEP	0315	184	0.	.0	1373.0	*	28	SEP	1400	313	0.	.0	1373.0
27	SEP	1635	56	16.	.7	1373.8	*	28	SEP	0320	185	0.	.0	1373.0	*	28	SEP	1405	314	0.	.0	1373.0
27	SEP	1640	57	15.	.7	1373.8	*	28	SEP	0325	186	0.	.0	1373.0	*	28	SEP	1410	315	0.	.0	1373.0
27	SEP	1645	58	14.	.6	1373.7	*	28	SEP	0330	187	0.	.0	1373.0	*	28	SEP	1415	316	0.	.0	1373.0
27	SEP	1650	59	13.	.6	1373.7	*	28	SEP	0335	188	0.	.0	1373.0	*	28	SEP	1420	317	0.	.0	1373.0
27	SEP	1655	60	12.	.6	1373.7	*	28	SEP	0340	189	0.	.0	1373.0	*	28	SEP	1425	318	0.	.0	1373.0
27	SEP	1700	61	11.	.6	1373.7	*	28	SEP	0345	190	0.	.0	1373.0	*	28	SEP	1430	319	0.	.0	1373.0
27	SEP	1705	62	11.	.6	1373.6	*	28	SEP	0350	191	0.	.0	1373.0	*	28	SEP	1435	320	0.	.0	1373.0
27	SEP	1710	63	11.	.5	1373.6	*	28	SEP	0355	192	0.	.0	1373.0	*	28	SEP	1440	321	0.	.0	1373.0
27	SEP	1715	64	11.	.5	1373.6	*	28	SEP	0400	193	0.	.0	1373.0	*	28	SEP	1445	322	0.	.0	1373.0
27	SEP	1720	65	10.	.5	1373.6	*	28	SEP	0405	194	0.	.0	1373.0	*	28	SEP	1450	323	0.	.0	1373.0
27	SEP	1725	66	10.	.5	1373.6	*	28	SEP	0410	195	0.	.0	1373.0	*	28	SEP	1455	324	0.	.0	1373.0
27	SEP	1730	67	9.	.5	1373.6	*	28	SEP	0415	196	0.	.0	1373.0	*	28	SEP	1500	325	0.	.0	1373.0
27	SEP	1735	68	9.	.5	1373.5	*	28	SEP	0420	197	0.	.0	1373.0	*	28	SEP	1505	326	0.	.0	1373.0
27	SEP	1740	69	9.	.5	1373.5	*	28	SEP	0425	198	0.	.0	1373.0	*	28	SEP	1510	327	0.	.0	1373.0
27	SEP	1745	70	9.	.4	1373.5	*	28	SEP	0430	199	0.	.0	1373.0	*	28	SEP	1515	328	0.	.0	1373.0
27	SEP	1750	71	9.	.4	1373.5	*	28	SEP	0435	200	0.	.0	1373.0	*	28	SEP	1520	329	0.	.0	1373.0
27	SEP	1755	72	8.	.4	1373.5	*	28	SEP	0440	201	0.	.0	1373.0	*	28	SEP	1525	330	0.	.0	1373.0
27	SEP	1800	73	8.	.4	1373.5	*	28	SEP	0445	202	0.	.0	1373.0	*	28	SEP	1530	331	0.	.0	1373.0
27	SEP	1805	74	8.	.4	1373.4	*	28	SEP	0450	203	0.	.0	1373.0	*	28	SEP	1535	332	0.	.0	1373.0
27	SEP	1810	75	7.	.3	1373.4	*	28	SEP	0455	204	0.	.0	1373.0	*	28	SEP	1540	333	0.	.0	1373.0
27	SEP	1815	76	6.	.3	1373.4	*	28	SEP	0500	205	0.	.0	1373.0	*	28	SEP	1545	334	0.	.0	1373.0
27	SEP	1820	77	5.	.3	1373.3	*	28	SEP	0505	206	0.	.0	1373.0	*	28	SEP	1550	335	0.	.0	1373.0
27	SEP	1825	78	5.	.2	1373.3	*	28	SEP	0510	207	0.	.0	1373.0	*	28	SEP	1555	336	0.	.0	1373.0
27	SEP	1830	79	4.	.2	1373.2	*	28	SEP	0515	208	0.	.0	1373.0	*	28	SEP	1600	337	0.	.0	1373.0
27	SEP	1835	80	4.	.2	1373.2	*	28	SEP	0520	209	0.	.0	1373.0	*	28	SEP	1605	338	0.	.0	1373.0
27	SEP	1840	81	3.	.2	1373.2	*	28	SEP	0525	210	0.	.0	1373.0	*	28	SEP	1610	339	0.	.0	1373.0
27	SEP	1845	82	3.	.1	1373.2	*	28	SEP	0530	211	0.	.0	1373.0	*	28	SEP	1615	340	0.	.0	1373.0
27	SEP	1850	83	2.	.1	1373.1	*	28	SEP	0535	212	0.	.0	1373.0	*	28	SEP	1620	341	0.	.0	1373.0

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27 SEP 1855  84      2.      .1  1373.1 * 28 SEP 0540 213      0.      .0  1373.0 * 28 SEP 1625 342      0.      .0  1373.0
27 SEP 1900  85      2.      .1  1373.1 * 28 SEP 0545 214      0.      .0  1373.0 * 28 SEP 1630 343      0.      .0  1373.0
27 SEP 1905  86      2.      .1  1373.1 * 28 SEP 0550 215      0.      .0  1373.0 * 28 SEP 1635 344      0.      .0  1373.0
27 SEP 1910  87      1.      .1  1373.1 * 28 SEP 0555 216      0.      .0  1373.0 * 28 SEP 1640 345      0.      .0  1373.0
27 SEP 1915  88      1.      .1  1373.1 * 28 SEP 0600 217      0.      .0  1373.0 * 28 SEP 1645 346      0.      .0  1373.0
27 SEP 1920  89      1.      .1  1373.1 * 28 SEP 0605 218      0.      .0  1373.0 * 28 SEP 1650 347      0.      .0  1373.0
27 SEP 1925  90      1.      .0  1373.1 * 28 SEP 0610 219      0.      .0  1373.0 * 28 SEP 1655 348      0.      .0  1373.0
27 SEP 1930  91      1.      .0  1373.0 * 28 SEP 0615 220      0.      .0  1373.0 * 28 SEP 1700 349      0.      .0  1373.0
27 SEP 1935  92      1.      .0  1373.0 * 28 SEP 0620 221      0.      .0  1373.0 * 28 SEP 1705 350      0.      .0  1373.0
27 SEP 1940  93      1.      .0  1373.0 * 28 SEP 0625 222      0.      .0  1373.0 * 28 SEP 1710 351      0.      .0  1373.0
27 SEP 1945  94      1.      .0  1373.0 * 28 SEP 0630 223      0.      .0  1373.0 * 28 SEP 1715 352      0.      .0  1373.0
27 SEP 1950  95      0.      .0  1373.0 * 28 SEP 0635 224      0.      .0  1373.0 * 28 SEP 1720 353      0.      .0  1373.0
27 SEP 1955  96      0.      .0  1373.0 * 28 SEP 0640 225      0.      .0  1373.0 * 28 SEP 1725 354      0.      .0  1373.0
27 SEP 2000  97      0.      .0  1373.0 * 28 SEP 0645 226      0.      .0  1373.0 * 28 SEP 1730 355      0.      .0  1373.0
27 SEP 2005  98      0.      .0  1373.0 * 28 SEP 0650 227      0.      .0  1373.0 * 28 SEP 1735 356      0.      .0  1373.0
27 SEP 2010  99      0.      .0  1373.0 * 28 SEP 0655 228      0.      .0  1373.0 * 28 SEP 1740 357      0.      .0  1373.0
27 SEP 2015 100      0.      .0  1373.0 * 28 SEP 0700 229      0.      .0  1373.0 * 28 SEP 1745 358      0.      .0  1373.0
27 SEP 2020 101      0.      .0  1373.0 * 28 SEP 0705 230      0.      .0  1373.0 * 28 SEP 1750 359      0.      .0  1373.0
27 SEP 2025 102      0.      .0  1373.0 * 28 SEP 0710 231      0.      .0  1373.0 * 28 SEP 1755 360      0.      .0  1373.0
27 SEP 2030 103      0.      .0  1373.0 * 28 SEP 0715 232      0.      .0  1373.0 * 28 SEP 1800 361      0.      .0  1373.0
27 SEP 2035 104      0.      .0  1373.0 * 28 SEP 0720 233      0.      .0  1373.0 * 28 SEP 1805 362      0.      .0  1373.0
27 SEP 2040 105      0.      .0  1373.0 * 28 SEP 0725 234      0.      .0  1373.0 * 28 SEP 1810 363      0.      .0  1373.0
27 SEP 2045 106      0.      .0  1373.0 * 28 SEP 0730 235      0.      .0  1373.0 * 28 SEP 1815 364      0.      .0  1373.0
27 SEP 2050 107      0.      .0  1373.0 * 28 SEP 0735 236      0.      .0  1373.0 * 28 SEP 1820 365      0.      .0  1373.0
27 SEP 2055 108      0.      .0  1373.0 * 28 SEP 0740 237      0.      .0  1373.0 * 28 SEP 1825 366      0.      .0  1373.0
27 SEP 2100 109      0.      .0  1373.0 * 28 SEP 0745 238      0.      .0  1373.0 * 28 SEP 1830 367      0.      .0  1373.0
27 SEP 2105 110      0.      .0  1373.0 * 28 SEP 0750 239      0.      .0  1373.0 * 28 SEP 1835 368      0.      .0  1373.0
27 SEP 2110 111      0.      .0  1373.0 * 28 SEP 0755 240      0.      .0  1373.0 * 28 SEP 1840 369      0.      .0  1373.0
27 SEP 2115 112      0.      .0  1373.0 * 28 SEP 0800 241      0.      .0  1373.0 * 28 SEP 1845 370      0.      .0  1373.0
27 SEP 2120 113      0.      .0  1373.0 * 28 SEP 0805 242      0.      .0  1373.0 * 28 SEP 1850 371      0.      .0  1373.0
27 SEP 2125 114      0.      .0  1373.0 * 28 SEP 0810 243      0.      .0  1373.0 * 28 SEP 1855 372      0.      .0  1373.0
27 SEP 2130 115      0.      .0  1373.0 * 28 SEP 0815 244      0.      .0  1373.0 * 28 SEP 1900 373      0.      .0  1373.0
27 SEP 2135 116      0.      .0  1373.0 * 28 SEP 0820 245      0.      .0  1373.0 * 28 SEP 1905 374      0.      .0  1373.0
27 SEP 2140 117      0.      .0  1373.0 * 28 SEP 0825 246      0.      .0  1373.0 * 28 SEP 1910 375      0.      .0  1373.0
27 SEP 2145 118      0.      .0  1373.0 * 28 SEP 0830 247      0.      .0  1373.0 * 28 SEP 1915 376      0.      .0  1373.0
27 SEP 2150 119      0.      .0  1373.0 * 28 SEP 0835 248      0.      .0  1373.0 * 28 SEP 1920 377      0.      .0  1373.0
27 SEP 2155 120      0.      .0  1373.0 * 28 SEP 0840 249      0.      .0  1373.0 * 28 SEP 1925 378      0.      .0  1373.0
27 SEP 2200 121      0.      .0  1373.0 * 28 SEP 0845 250      0.      .0  1373.0 * 28 SEP 1930 379      0.      .0  1373.0
27 SEP 2205 122      0.      .0  1373.0 * 28 SEP 0850 251      0.      .0  1373.0 * 28 SEP 1935 380      0.      .0  1373.0
27 SEP 2210 123      0.      .0  1373.0 * 28 SEP 0855 252      0.      .0  1373.0 * 28 SEP 1940 381      0.      .0  1373.0
27 SEP 2215 124      0.      .0  1373.0 * 28 SEP 0900 253      0.      .0  1373.0 * 28 SEP 1945 382      0.      .0  1373.0
27 SEP 2220 125      0.      .0  1373.0 * 28 SEP 0905 254      0.      .0  1373.0 * 28 SEP 1950 383      0.      .0  1373.0
27 SEP 2225 126      0.      .0  1373.0 * 28 SEP 0910 255      0.      .0  1373.0 * 28 SEP 1955 384      0.      .0  1373.0
27 SEP 2230 127      0.      .0  1373.0 * 28 SEP 0915 256      0.      .0  1373.0 * 28 SEP 2000 385      0.      .0  1373.0
27 SEP 2235 128      0.      .0  1373.0 * 28 SEP 0920 257      0.      .0  1373.0 *
27 SEP 2240 129      0.      .0  1373.0 * 28 SEP 0925 258      0.      .0  1373.0 *
                                        *                                       *
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PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	32.00-HR
+ (CFS)	(HR)	(CFS)	22.	6.	4.	4.
+ 111.	3.33	(INCHES)	4.784	4.872	4.872	4.872
		(AC-FT)	11.	11.	11.	11.

PEAK STORAGE	TIME	MAXIMUM AVERAGE STORAGE			
		6-HR	24-HR	72-HR	32.00-HR
+ (AC-FT)	(HR)				
3.	3.33	1.	0.	0.	0.

PEAK STAGE	TIME	MAXIMUM AVERAGE STAGE			
		6-HR	24-HR	72-HR	32.00-HR
+ (FEET)	(HR)				
1375.99	3.33	1373.84	1373.22	1373.16	1373.16

CUMULATIVE AREA = .04 SQ MI

1

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

OPERATION	STATION	AREA	PLAN		RATIOS APPLIED TO PRECIPITATION RATIO 1 5.90
HYDROGRAPH AT					
+	OFFST	.01	1	FLOW	40.
				TIME	3.17
ROUTED TO					
+	RTE1	.01	1	FLOW	40.
				TIME	3.17
HYDROGRAPH AT					
+	DEVEL	.03	1	FLOW	118.
				TIME	3.08
2 COMBINED AT					
+	COMB	.04	1	FLOW	158.
				TIME	3.08

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ROUTED TO
+               POND1       .04     1  FLOW         111.
                                       TIME         3.33

                                    ** PEAK STAGES IN FEET **
                                    1  STAGE     1375.99
                                       TIME         3.33

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