

CERTIFIED ENGINEERING DESIGN, P.A.

810 W. Douglas, Suite C
Wichita, KS 67203
(316) 262-8808 Office
(316) 262-1669 Fax

LETTER OF TRANSMITTAL

DATE: October 1, 2002

TO: Ms. Vicki Huang, P.E.
Engineering Division
City of Wichita
7th Floor, City Hall
455 North Main
Wichita, KS 67202

SUBJ: Drainage Plan
Helping Hands Addition
Wichita, KS

FROM: Harlan D. Foraker, P.E. *HDF*

COMMENTS: Attached please find the drainage plan the above referenced project. If you have any questions, please contact me at (316) 262-8808.

attachments

cc: Don Armstrong, Armstrong Land Survey, 250 N. Mathewson, Wichita, KS 67214

HELPING HANDS DETENTION POND
 WICHITA, KANSAS

POND BOTTOM WIDTH = N/A FEET
 POND BOTTOM LENGTH = N/A FEET

LAGOON STAGE(FT.)	LAGOON SURFACE AREA(SQ.FT.)	INCREMENTAL LAGOON VOLUME(CU.FT.)	TOTAL LAGOON VOLUME(CU.FT.)	TOTAL LAGOON VOLUME(AC.FT.)
130.00	32244.00	0.00	0.00	0.00
131.00	35701.00	33972.50	33972.50	0.78
132.00	39390.00	37545.50	71518.00	1.64
133.00	43121.00	41255.50	112773.50	2.59

Table Rating Table for Broad Crested Weir

Project Description	
Worksheet	Weir - 1
Type	Broad Crested
Solve For	Discharge

Input Data	
Crest Elevation	2.00 ft
Tailwater Elevation	0.00 ft
Crest Surface Type	aved
Crest Breadth	1.00 ft
Crest Length	6.00 ft

Attribute	Minimum	Maximum	Increment
Headwater Elevation	2.00	5.00	0.50

Headwater Elevation (ft)	Discharge (cfs)	Velocity (ft/s)
2.00	N/A	N/A
2.50	6.55	2.18
3.00	18.52	3.09
3.50	34.03	3.78
4.00	52.39	4.37
4.50	73.21	4.88
5.00	96.24	5.35

```

*****
*
* FLOOD HYDROGRAPH PACKAGE (HEC-1)
* FEBRUARY 1981
* REVISED 01 JUN 88
*
* RUN DATE 10/01/2002 TIME 14:29:16
*
*****

```

```

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

```

```

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

```

100 YEAR RETURN PERIOD

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 -AMSK- 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

HIS HELPING HANDS OPERATION POND

SCHMATIC DIAGRAM OF STREAM NETWORK

INPUT			
LINE	(V) ROUTING	(--->) DIVERSION OR PUMP FLOW	
NO.	(.) CONNECTOR	(<---) RETURN OF DIVERTED OR PUMPED FLOW	
7	UNDHYD		
	.		
18	.	DEVHYD	
	.	V	
	.	V	
29	.	POND1	

(***) RUNOFF ALSO COMPUTED AT THIS LOCATION

 * FLOOD HYDROGRAPH PACKAGE (HEC-1) *
 * FEBRUARY 1981 *
 * REVISED 01 JUN 88 *
 * RUN DATE 10/01/2002 TIME 14:29:16 *

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

HELPING HANDS ADDITION, WICHITA, KANSAS
 DETENTION POND ANALYSIS
 CERTIFIED ENGINEERING DESIGN, P.A.
 BY HARLAN D. FORAKER, P.E. 10-01-2002

*** ERROR *** SPECIFIED START AND END DATES RESULT IN TOO MANY TIME PERIODS

IT HYDROGRAPH TIME DATA
 NMIN 4 MINUTES IN COMPUTATION INTERVAL
 IDATE 1OCT 2 STARTING DATE
 ITIME 0600 STARTING TIME
 NQ 300 NUMBER OF HYDROGRAPH ORDINATES
 NDDATE 2OCT 2 ENDING DATE
 NDTIME 0156 ENDING TIME
 ICENT 19 CENTURY MARK
 COMPUTATION INTERVAL .07 HOURS
 TOTAL TIME BASE 19.93 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

 * *
 7 KK * UNDHYD * EXISTING CONDITIONS FOR 18.5 ACRES HELPING HANDS ADDITION
 * *

FOR 100 YEAR-24 HOUR STORM

6 IN TIME DATA FOR INPUT TIME SERIES
 JXMIN 30 TIME INTERVAL IN MINUTES
 JXDATE 1OCT 2 STARTING DATE
 JXTIME 0 STARTING TIME

SUBBASIN RUNOFF DATA

9 BA SUBBASIN CHARACTERISTICS
 TAREA .03 SUBBASIN AREA

PRECIPITATION DATA

10 PB STORM 7.80 BASIN TOTAL PRECIPITATION

11 PI INCREMENTAL PRECIPITATION PATTERN
 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00
 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00
 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00
 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00
 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00
 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00
 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00
 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00
 .01 .01 .03 .05 .05 .05 .05 .05 .05 .05
 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01
 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00



1 OCT 0824	37	.01	.01	.00	0.	*	1 OCT 1824	187	.01	.00	.01	2.
1 OCT 0828	38	.01	.01	.00	0.	*	1 OCT 1828	188	.01	.00	.01	2.
1 OCT 0832	39	.02	.02	.00	0.	*	1 OCT 1832	189	.01	.00	.01	2.
1 OCT 0836	40	.02	.02	.00	0.	*	1 OCT 1836	190	.01	.00	.01	2.
1 OCT 0840	41	.02	.02	.00	0.	*	1 OCT 1840	191	.01	.00	.01	2.
1 OCT 0844	42	.02	.02	.00	0.	*	1 OCT 1844	192	.01	.00	.01	2.
1 OCT 0848	43	.02	.02	.00	0.	*	1 OCT 1848	193	.01	.00	.01	2.
1 OCT 0852	44	.02	.02	.00	0.	*	1 OCT 1852	194	.01	.00	.01	2.
1 OCT 0856	45	.02	.02	.00	0.	*	1 OCT 1856	195	.01	.00	.01	2.
1 OCT 0900	46	.02	.02	.00	0.	*	1 OCT 1900	196	.01	.00	.01	2.
1 OCT 0904	47	.02	.02	.00	0.	*	1 OCT 1904	197	.01	.00	.01	2.
1 OCT 0908	48	.02	.02	.00	0.	*	1 OCT 1908	198	.01	.00	.01	2.
1 OCT 0912	49	.02	.02	.00	0.	*	1 OCT 1912	199	.01	.00	.01	2.
1 OCT 0916	50	.02	.02	.00	0.	*	1 OCT 1916	200	.01	.00	.01	2.
1 OCT 0920	51	.02	.02	.00	0.	*	1 OCT 1920	201	.01	.00	.01	2.
1 OCT 0924	52	.02	.02	.00	0.	*	1 OCT 1924	202	.01	.00	.01	2.
1 OCT 0928	53	.02	.02	.00	0.	*	1 OCT 1928	203	.01	.00	.01	2.
1 OCT 0932	54	.02	.02	.00	0.	*	1 OCT 1932	204	.01	.00	.01	2.
1 OCT 0936	55	.02	.02	.00	0.	*	1 OCT 1936	205	.01	.00	.01	2.
1 OCT 0940	56	.02	.02	.00	0.	*	1 OCT 1940	206	.01	.00	.01	2.
1 OCT 0944	57	.02	.02	.00	0.	*	1 OCT 1944	207	.01	.00	.01	2.
1 OCT 0948	58	.02	.02	.00	0.	*	1 OCT 1948	208	.01	.00	.01	2.
1 OCT 0952	59	.02	.02	.00	0.	*	1 OCT 1952	209	.01	.00	.01	2.
1 OCT 0956	60	.02	.02	.00	0.	*	1 OCT 1956	210	.01	.00	.01	2.
1 OCT 1000	61	.02	.02	.00	0.	*	1 OCT 2000	211	.01	.00	.01	2.
1 OCT 1004	62	.03	.03	.00	0.	*	1 OCT 2004	212	.01	.00	.01	2.
1 OCT 1008	63	.03	.03	.00	0.	*	1 OCT 2008	213	.01	.00	.01	2.
1 OCT 1012	64	.03	.03	.00	0.	*	1 OCT 2012	214	.01	.00	.01	2.
1 OCT 1016	65	.03	.03	.00	0.	*	1 OCT 2016	215	.01	.00	.01	2.
1 OCT 1020	66	.03	.03	.00	0.	*	1 OCT 2020	216	.01	.00	.01	2.
1 OCT 1024	67	.03	.02	.00	0.	*	1 OCT 2024	217	.01	.00	.01	2.
1 OCT 1028	68	.03	.02	.00	0.	*	1 OCT 2028	218	.01	.00	.01	2.
1 OCT 1032	69	.03	.03	.00	0.	*	1 OCT 2032	219	.01	.00	.01	2.
1 OCT 1036	70	.04	.03	.00	0.	*	1 OCT 2036	220	.01	.00	.01	2.
1 OCT 1040	71	.04	.03	.00	0.	*	1 OCT 2040	221	.01	.00	.01	2.
1 OCT 1044	72	.04	.03	.00	0.	*	1 OCT 2044	222	.01	.00	.01	2.
1 OCT 1048	73	.04	.03	.00	0.	*	1 OCT 2048	223	.01	.00	.01	2.
1 OCT 1052	74	.04	.03	.00	0.	*	1 OCT 2052	224	.01	.00	.01	2.
1 OCT 1056	75	.04	.03	.01	0.	*	1 OCT 2056	225	.01	.00	.01	2.
1 OCT 1100	76	.04	.03	.01	0.	*	1 OCT 2100	226	.01	.00	.01	2.
1 OCT 1104	77	.05	.04	.01	0.	*	1 OCT 2104	227	.01	.00	.01	2.
1 OCT 1108	78	.05	.04	.01	0.	*	1 OCT 2108	228	.01	.00	.01	2.
1 OCT 1112	79	.05	.04	.01	0.	*	1 OCT 2112	229	.01	.00	.01	2.
1 OCT 1116	80	.05	.04	.01	1.	*	1 OCT 2116	230	.01	.00	.01	2.
1 OCT 1120	81	.05	.04	.01	1.	*	1 OCT 2120	231	.01	.00	.01	2.
1 OCT 1124	82	.05	.04	.01	1.	*	1 OCT 2124	232	.01	.00	.01	2.
1 OCT 1128	83	.05	.04	.01	1.	*	1 OCT 2128	233	.01	.00	.01	2.
1 OCT 1132	84	.24	.17	.07	1.	*	1 OCT 2132	234	.01	.00	.01	2.
1 OCT 1136	85	.43	.26	.17	1.	*	1 OCT 2136	235	.01	.00	.01	2.
1 OCT 1140	86	.43	.23	.20	2.	*	1 OCT 2140	236	.01	.00	.01	2.
1 OCT 1144	87	.43	.20	.23	3.	*	1 OCT 2144	237	.01	.00	.01	2.
1 OCT 1148	88	.43	.18	.25	4.	*	1 OCT 2148	238	.01	.00	.01	2.
1 OCT 1152	89	.43	.16	.27	5.	*	1 OCT 2152	239	.01	.00	.01	2.
1 OCT 1156	90	.43	.14	.29	7.	*	1 OCT 2156	240	.01	.00	.01	2.
1 OCT 1200	91	.43	.13	.30	10.	*	1 OCT 2200	241	.01	.00	.01	2.
1 OCT 1204	92	.08	.02	.06	13.	*	1 OCT 2204	242	.01	.00	.01	2.
1 OCT 1208	93	.08	.02	.06	17.	*	1 OCT 2208	243	.01	.00	.01	2.
1 OCT 1212	94	.08	.02	.06	20.	*	1 OCT 2212	244	.01	.00	.01	2.
1 OCT 1216	95	.08	.02	.06	24.	*	1 OCT 2216	245	.01	.00	.01	2.
1 OCT 1220	96	.08	.02	.06	27.	*	1 OCT 2220	246	.01	.00	.01	2.
1 OCT 1224	97	.08	.02	.06	30.	*	1 OCT 2224	247	.01	.00	.01	2.
1 OCT 1228	98	.08	.02	.06	32.	*	1 OCT 2228	248	.01	.00	.01	2.
1 OCT 1232	99	.06	.01	.05	34.	*	1 OCT 2232	249	.01	.00	.01	2.
1 OCT 1236	100	.04	.01	.03	34.	*	1 OCT 2236	250	.01	.00	.01	2.
1 OCT 1240	101	.04	.01	.03	34.	*	1 OCT 2240	251	.01	.00	.01	2.
1 OCT 1244	102	.04	.01	.03	34.	*	1 OCT 2244	252	.01	.00	.01	2.
1 OCT 1248	103	.04	.01	.03	33.	*	1 OCT 2248	253	.01	.00	.01	2.
1 OCT 1252	104	.04	.01	.03	31.	*	1 OCT 2252	254	.01	.00	.01	2.
1 OCT 1256	105	.04	.01	.03	30.	*	1 OCT 2256	255	.01	.00	.01	2.
1 OCT 1300	106	.04	.01	.03	28.	*	1 OCT 2300	256	.01	.00	.01	2.
1 OCT 1304	107	.03	.01	.02	26.	*	1 OCT 2304	257	.01	.00	.01	2.
1 OCT 1308	108	.03	.01	.02	24.	*	1 OCT 2308	258	.01	.00	.01	2.
1 OCT 1312	109	.03	.01	.02	22.	*	1 OCT 2312	259	.01	.00	.01	2.
1 OCT 1316	110	.03	.01	.02	21.	*	1 OCT 2316	260	.01	.00	.01	2.
1 OCT 1320	111	.03	.01	.02	19.	*	1 OCT 2320	261	.01	.00	.01	2.
1 OCT 1324	112	.03	.01	.02	18.	*	1 OCT 2324	262	.01	.00	.01	2.
1 OCT 1328	113	.03	.01	.02	17.	*	1 OCT 2328	263	.01	.00	.01	2.
1 OCT 1332	114	.03	.01	.02	16.	*	1 OCT 2332	264	.00	.00	.00	2.
1 OCT 1336	115	.02	.01	.02	15.	*	1 OCT 2336	265	.00	.00	.00	2.
1 OCT 1340	116	.02	.01	.02	14.	*	1 OCT 2340	266	.00	.00	.00	2.

1 OCT 0808	33	.01	.01	.00	0.	*	1 OCT 1808	183	.01	.00	.01	3.
1 OCT 0812	34	.01	.01	.00	0.	*	1 OCT 1812	184	.01	.00	.01	3.
1 OCT 0816	35	.01	.01	.00	0.	*	1 OCT 1816	185	.01	.00	.01	3.
1 OCT 0820	36	.01	.01	.00	0.	*	1 OCT 1820	186	.01	.00	.01	3.
1 OCT 0824	37	.01	.01	.00	0.	*	1 OCT 1824	187	.01	.00	.01	3.
1 OCT 0828	38	.01	.01	.00	0.	*	1 OCT 1828	188	.01	.00	.01	3.
1 OCT 0832	39	.02	.02	.00	0.	*	1 OCT 1832	189	.01	.00	.01	3.
1 OCT 0836	40	.02	.02	.00	0.	*	1 OCT 1836	190	.01	.00	.01	3.
1 OCT 0840	41	.02	.02	.00	0.	*	1 OCT 1840	191	.01	.00	.01	3.
1 OCT 0844	42	.02	.02	.00	0.	*	1 OCT 1844	192	.01	.00	.01	3.
1 OCT 0848	43	.02	.02	.00	0.	*	1 OCT 1848	193	.01	.00	.01	3.
1 OCT 0852	44	.02	.02	.00	0.	*	1 OCT 1852	194	.01	.00	.01	3.
1 OCT 0856	45	.02	.02	.00	0.	*	1 OCT 1856	195	.01	.00	.01	3.
1 OCT 0900	46	.02	.02	.00	0.	*	1 OCT 1900	196	.01	.00	.01	3.
1 OCT 0904	47	.02	.02	.00	0.	*	1 OCT 1904	197	.01	.00	.01	3.
1 OCT 0908	48	.02	.02	.00	0.	*	1 OCT 1908	198	.01	.00	.01	3.
1 OCT 0912	49	.02	.02	.00	0.	*	1 OCT 1912	199	.01	.00	.01	3.
1 OCT 0916	50	.02	.02	.00	0.	*	1 OCT 1916	200	.01	.00	.01	3.
1 OCT 0920	51	.02	.02	.00	0.	*	1 OCT 1920	201	.01	.00	.01	3.
1 OCT 0924	52	.02	.02	.00	0.	*	1 OCT 1924	202	.01	.00	.01	3.
1 OCT 0928	53	.02	.02	.00	0.	*	1 OCT 1928	203	.01	.00	.01	3.
1 OCT 0932	54	.02	.02	.00	0.	*	1 OCT 1932	204	.01	.00	.01	3.
1 OCT 0936	55	.02	.02	.00	0.	*	1 OCT 1936	205	.01	.00	.01	3.
1 OCT 0940	56	.02	.02	.00	0.	*	1 OCT 1940	206	.01	.00	.01	3.
1 OCT 0944	57	.02	.02	.00	0.	*	1 OCT 1944	207	.01	.00	.01	3.
1 OCT 0948	58	.02	.02	.00	0.	*	1 OCT 1948	208	.01	.00	.01	3.
1 OCT 0952	59	.02	.02	.00	1.	*	1 OCT 1952	209	.01	.00	.01	2.
1 OCT 0956	60	.02	.02	.00	1.	*	1 OCT 1956	210	.01	.00	.01	2.
1 OCT 1000	61	.02	.02	.00	1.	*	1 OCT 2000	211	.01	.00	.01	2.
1 OCT 1004	62	.03	.02	.01	1.	*	1 OCT 2004	212	.01	.00	.01	2.
1 OCT 1008	63	.03	.02	.01	1.	*	1 OCT 2008	213	.01	.00	.01	2.
1 OCT 1012	64	.03	.02	.01	1.	*	1 OCT 2012	214	.01	.00	.01	2.
1 OCT 1016	65	.03	.02	.01	1.	*	1 OCT 2016	215	.01	.00	.01	2.
1 OCT 1020	66	.03	.02	.01	1.	*	1 OCT 2020	216	.01	.00	.01	2.
1 OCT 1024	67	.03	.02	.01	1.	*	1 OCT 2024	217	.01	.00	.01	2.
1 OCT 1028	68	.03	.02	.01	1.	*	1 OCT 2028	218	.01	.00	.01	2.
1 OCT 1032	69	.03	.02	.01	1.	*	1 OCT 2032	219	.01	.00	.01	2.
1 OCT 1036	70	.04	.02	.01	1.	*	1 OCT 2036	220	.01	.00	.01	2.
1 OCT 1040	71	.04	.02	.01	2.	*	1 OCT 2040	221	.01	.00	.01	2.
1 OCT 1044	72	.04	.02	.01	2.	*	1 OCT 2044	222	.01	.00	.01	2.
1 OCT 1048	73	.04	.02	.01	2.	*	1 OCT 2048	223	.01	.00	.01	2.
1 OCT 1052	74	.04	.02	.01	2.	*	1 OCT 2052	224	.01	.00	.01	2.
1 OCT 1056	75	.04	.02	.01	2.	*	1 OCT 2056	225	.01	.00	.01	2.
1 OCT 1100	76	.04	.02	.01	2.	*	1 OCT 2100	226	.01	.00	.01	2.
1 OCT 1104	77	.05	.03	.02	3.	*	1 OCT 2104	227	.01	.00	.01	2.
1 OCT 1108	78	.05	.03	.02	3.	*	1 OCT 2108	228	.01	.00	.01	2.
1 OCT 1112	79	.05	.03	.03	3.	*	1 OCT 2112	229	.01	.00	.01	2.
1 OCT 1116	80	.05	.03	.03	3.	*	1 OCT 2116	230	.01	.00	.01	2.
1 OCT 1120	81	.05	.03	.03	4.	*	1 OCT 2120	231	.01	.00	.01	2.
1 OCT 1124	82	.05	.03	.03	4.	*	1 OCT 2124	232	.01	.00	.01	2.
1 OCT 1128	83	.05	.03	.03	5.	*	1 OCT 2128	233	.01	.00	.01	2.
1 OCT 1132	84	.24	.10	.14	5.	*	1 OCT 2132	234	.01	.00	.01	2.
1 OCT 1136	85	.43	.16	.27	6.	*	1 OCT 2136	235	.01	.00	.01	2.
1 OCT 1140	86	.43	.13	.30	8.	*	1 OCT 2140	236	.01	.00	.01	2.
1 OCT 1144	87	.43	.11	.32	10.	*	1 OCT 2144	237	.01	.00	.01	2.
1 OCT 1148	88	.43	.09	.34	15.	*	1 OCT 2148	238	.01	.00	.01	2.
1 OCT 1152	89	.43	.08	.35	20.	*	1 OCT 2152	239	.01	.00	.01	2.
1 OCT 1156	90	.43	.07	.36	27.	*	1 OCT 2156	240	.01	.00	.01	2.
1 OCT 1200	91	.43	.06	.37	35.	*	1 OCT 2200	241	.01	.00	.01	2.
1 OCT 1204	92	.08	.01	.07	42.	*	1 OCT 2204	242	.01	.00	.01	2.
1 OCT 1208	93	.08	.01	.07	49.	*	1 OCT 2208	243	.01	.00	.01	2.
1 OCT 1212	94	.08	.01	.07	55.	*	1 OCT 2212	244	.01	.00	.01	2.
1 OCT 1216	95	.08	.01	.07	59.	*	1 OCT 2216	245	.01	.00	.01	2.
1 OCT 1220	96	.08	.01	.07	60.	*	1 OCT 2220	246	.01	.00	.01	2.
1 OCT 1224	97	.08	.01	.07	59.	*	1 OCT 2224	247	.01	.00	.01	2.
1 OCT 1228	98	.08	.01	.07	56.	*	1 OCT 2228	248	.01	.00	.01	2.
1 OCT 1232	99	.06	.01	.05	52.	*	1 OCT 2232	249	.01	.00	.01	2.
1 OCT 1236	100	.04	.00	.04	48.	*	1 OCT 2236	250	.01	.00	.01	2.
1 OCT 1240	101	.04	.00	.04	43.	*	1 OCT 2240	251	.01	.00	.01	2.
1 OCT 1244	102	.04	.00	.04	39.	*	1 OCT 2244	252	.01	.00	.01	2.
1 OCT 1248	103	.04	.00	.04	34.	*	1 OCT 2248	253	.01	.00	.01	2.
1 OCT 1252	104	.04	.00	.04	31.	*	1 OCT 2252	254	.01	.00	.01	2.
1 OCT 1256	105	.04	.00	.04	28.	*	1 OCT 2256	255	.01	.00	.01	2.
1 OCT 1300	106	.04	.00	.04	25.	*	1 OCT 2300	256	.01	.00	.01	2.
1 OCT 1304	107	.03	.00	.03	23.	*	1 OCT 2304	257	.01	.00	.01	2.
1 OCT 1308	108	.03	.00	.03	21.	*	1 OCT 2308	258	.01	.00	.01	2.
1 OCT 1312	109	.03	.00	.03	19.	*	1 OCT 2312	259	.01	.00	.01	2.
1 OCT 1316	110	.03	.00	.03	17.	*	1 OCT 2316	260	.01	.00	.01	2.
1 OCT 1320	111	.03	.00	.03	16.	*	1 OCT 2320	261	.01	.00	.01	2.
1 OCT 1324	112	.03	.00	.03	14.	*	1 OCT 2324	262	.01	.00	.01	2.

1 OCT 1328	113	.03	.00	.03	13.	*	1 OCT 2328	263	.01	.00	.01	2.
1 OCT 1332	114	.03	.00	.02	12.	*	1 OCT 2332	264	.00	.00	.00	2.
1 OCT 1336	115	.02	.00	.02	12.	*	1 OCT 2336	265	.00	.00	.00	2.
1 OCT 1340	116	.02	.00	.02	11.	*	1 OCT 2340	266	.00	.00	.00	2.
1 OCT 1344	117	.02	.00	.02	10.	*	1 OCT 2344	267	.00	.00	.00	2.
1 OCT 1348	118	.02	.00	.02	10.	*	1 OCT 2348	268	.00	.00	.00	2.
1 OCT 1352	119	.02	.00	.02	9.	*	1 OCT 2352	269	.00	.00	.00	1.
1 OCT 1356	120	.02	.00	.02	9.	*	1 OCT 2356	270	.00	.00	.00	1.
1 OCT 1400	121	.02	.00	.02	8.	*	2 OCT 0000	271	.00	.00	.00	1.
1 OCT 1404	122	.02	.00	.02	8.	*	2 OCT 0004	272	.00	.00	.00	1.
1 OCT 1408	123	.02	.00	.02	8.	*	2 OCT 0008	273	.00	.00	.00	1.
1 OCT 1412	124	.02	.00	.02	7.	*	2 OCT 0012	274	.00	.00	.00	1.
1 OCT 1416	125	.02	.00	.02	7.	*	2 OCT 0016	275	.00	.00	.00	1.
1 OCT 1420	126	.02	.00	.02	7.	*	2 OCT 0020	276	.00	.00	.00	0.
1 OCT 1424	127	.02	.00	.02	6.	*	2 OCT 0024	277	.00	.00	.00	0.
1 OCT 1428	128	.02	.00	.02	6.	*	2 OCT 0028	278	.00	.00	.00	0.
1 OCT 1432	129	.02	.00	.02	6.	*	2 OCT 0032	279	.00	.00	.00	0.
1 OCT 1436	130	.02	.00	.02	5.	*	2 OCT 0036	280	.00	.00	.00	0.
1 OCT 1440	131	.02	.00	.02	5.	*	2 OCT 0040	281	.00	.00	.00	0.
1 OCT 1444	132	.02	.00	.02	5.	*	2 OCT 0044	282	.00	.00	.00	0.
1 OCT 1448	133	.02	.00	.02	5.	*	2 OCT 0048	283	.00	.00	.00	0.
1 OCT 1452	134	.02	.00	.02	5.	*	2 OCT 0052	284	.00	.00	.00	0.
1 OCT 1456	135	.02	.00	.02	5.	*	2 OCT 0056	285	.00	.00	.00	0.
1 OCT 1500	136	.02	.00	.02	5.	*	2 OCT 0100	286	.00	.00	.00	0.
1 OCT 1504	137	.02	.00	.02	5.	*	2 OCT 0104	287	.00	.00	.00	0.
1 OCT 1508	138	.02	.00	.02	5.	*	2 OCT 0108	288	.00	.00	.00	0.
1 OCT 1512	139	.02	.00	.02	5.	*	2 OCT 0112	289	.00	.00	.00	0.
1 OCT 1516	140	.02	.00	.02	4.	*	2 OCT 0116	290	.00	.00	.00	0.
1 OCT 1520	141	.02	.00	.02	4.	*	2 OCT 0120	291	.00	.00	.00	0.
1 OCT 1524	142	.02	.00	.02	4.	*	2 OCT 0124	292	.00	.00	.00	0.
1 OCT 1528	143	.02	.00	.02	4.	*	2 OCT 0128	293	.00	.00	.00	0.
1 OCT 1532	144	.02	.00	.02	4.	*	2 OCT 0132	294	.00	.00	.00	0.
1 OCT 1536	145	.02	.00	.02	4.	*	2 OCT 0136	295	.00	.00	.00	0.
1 OCT 1540	146	.02	.00	.02	4.	*	2 OCT 0140	296	.00	.00	.00	0.
1 OCT 1544	147	.02	.00	.02	4.	*	2 OCT 0144	297	.00	.00	.00	0.
1 OCT 1548	148	.02	.00	.02	4.	*	2 OCT 0148	298	.00	.00	.00	0.
1 OCT 1552	149	.02	.00	.02	4.	*	2 OCT 0152	299	.00	.00	.00	0.
1 OCT 1556	150	.02	.00	.02	4.	*	2 OCT 0156	300	.00	.00	.00	0.

TOTAL RAINFALL = 7.80, TOTAL LOSS = 2.36, TOTAL EXCESS = 5.44

PEAK FLOW (CFS)	TIME (HR)	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	19.93-HR
60.	6.33	(CFS) 14.	5.	5.	5.
		(INCHES) 4.492	5.438	5.438	5.438
		(AC-FT) 7.	8.	8.	8.

CUMULATIVE AREA = .03 SQ MI

29 KK * POND1 * PROPOSED HELPING HANDS ADDITION DET. POND W/6' WIDE WEIR OUTLET

34 IO OUTPUT CONTROL VARIABLES
 IPRNT 0 PRINT CONTROL
 IPLLOT 2 PLOT CONTROL
 QSCAL 0. HYDROGRAPH PLOT SCALE

HYDROGRAPH ROUTING DATA

30 RS STORAGE ROUTING
 NSTPS 1 NUMBER OF SUBREACHES
 ITYP ELEV TYPE OF INITIAL CONDITION
 RSVRIC 1.00 INITIAL CONDITION
 X .00 WORKING R AND D COEFFICIENT

31 SV STORAGE .0 .8 1.6 2.6

32 SQ DISCHARGE 0. 7. 19. 34.

HYDROGRAPH AT STATION POND1

DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	*	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	*	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE
1	OCT	0600	1	0.	.0	130.0	*	1	OCT	1240	101	32.	2.5	132.9	*	1	OCT	1920	201	3.	.4	130.5
1	OCT	0604	2	0.	.0	130.0	*	1	OCT	1244	102	33.	2.5	132.9	*	1	OCT	1924	202	3.	.4	130.5
1	OCT	0608	3	0.	.0	130.0	*	1	OCT	1248	103	33.	2.5	132.9	*	1	OCT	1928	203	3.	.4	130.5
1	OCT	0612	4	0.	.0	130.0	*	1	OCT	1252	104	33.	2.5	132.9	*	1	OCT	1932	204	3.	.4	130.5
1	OCT	0616	5	0.	.0	130.0	*	1	OCT	1256	105	33.	2.5	132.9	*	1	OCT	1936	205	3.	.4	130.5
1	OCT	0620	6	0.	.0	130.0	*	1	OCT	1300	106	32.	2.5	132.9	*	1	OCT	1940	206	3.	.4	130.5
1	OCT	0624	7	0.	.0	130.0	*	1	OCT	1304	107	31.	2.4	132.8	*	1	OCT	1944	207	3.	.4	130.5
1	OCT	0628	8	0.	.0	130.0	*	1	OCT	1308	108	31.	2.4	132.8	*	1	OCT	1948	208	3.	.4	130.5
1	OCT	0632	9	0.	.0	130.0	*	1	OCT	1312	109	30.	2.3	132.7	*	1	OCT	1952	209	3.	.4	130.5
1	OCT	0636	10	0.	.0	130.0	*	1	OCT	1316	110	29.	2.3	132.6	*	1	OCT	1956	210	3.	.4	130.5
1	OCT	0640	11	0.	.0	130.0	*	1	OCT	1320	111	28.	2.2	132.6	*	1	OCT	2000	211	3.	.4	130.5
1	OCT	0644	12	0.	.0	130.0	*	1	OCT	1324	112	26.	2.1	132.5	*	1	OCT	2004	212	3.	.4	130.5
1	OCT	0648	13	0.	.0	130.0	*	1	OCT	1328	113	25.	2.1	132.4	*	1	OCT	2008	213	3.	.4	130.5
1	OCT	0652	14	0.	.0	130.0	*	1	OCT	1332	114	24.	2.0	132.4	*	1	OCT	2012	214	3.	.3	130.4
1	OCT	0656	15	0.	.0	130.0	*	1	OCT	1336	115	23.	1.9	132.3	*	1	OCT	2016	215	3.	.3	130.4
1	OCT	0700	16	0.	.0	130.0	*	1	OCT	1340	116	22.	1.9	132.2	*	1	OCT	2020	216	3.	.3	130.4
1	OCT	0704	17	0.	.0	130.0	*	1	OCT	1344	117	21.	1.8	132.2	*	1	OCT	2024	217	3.	.3	130.4
1	OCT	0708	18	0.	.0	130.0	*	1	OCT	1348	118	20.	1.7	132.1	*	1	OCT	2028	218	3.	.3	130.4
1	OCT	0712	19	0.	.0	130.0	*	1	OCT	1352	119	19.	1.7	132.1	*	1	OCT	2032	219	3.	.3	130.4
1	OCT	0716	20	0.	.0	130.0	*	1	OCT	1356	120	18.	1.6	132.0	*	1	OCT	2036	220	3.	.3	130.4
1	OCT	0720	21	0.	.0	130.0	*	1	OCT	1400	121	18.	1.6	131.9	*	1	OCT	2040	221	3.	.3	130.4
1	OCT	0724	22	0.	.0	130.0	*	1	OCT	1404	122	17.	1.5	131.9	*	1	OCT	2044	222	3.	.3	130.4
1	OCT	0728	23	0.	.0	130.0	*	1	OCT	1408	123	16.	1.5	131.8	*	1	OCT	2048	223	3.	.3	130.4
1	OCT	0732	24	0.	.0	130.0	*	1	OCT	1412	124	16.	1.4	131.8	*	1	OCT	2052	224	3.	.3	130.4
1	OCT	0736	25	0.	.0	130.0	*	1	OCT	1416	125	15.	1.4	131.7	*	1	OCT	2056	225	3.	.3	130.4
1	OCT	0740	26	0.	.0	130.0	*	1	OCT	1420	126	14.	1.3	131.7	*	1	OCT	2100	226	2.	.3	130.4
1	OCT	0744	27	0.	.0	130.0	*	1	OCT	1424	127	14.	1.3	131.6	*	1	OCT	2104	227	2.	.3	130.4
1	OCT	0748	28	0.	.0	130.0	*	1	OCT	1428	128	13.	1.3	131.6	*	1	OCT	2108	228	2.	.3	130.4
1	OCT	0752	29	0.	.0	130.0	*	1	OCT	1432	129	13.	1.2	131.5	*	1	OCT	2112	229	2.	.3	130.4
1	OCT	0756	30	0.	.0	130.0	*	1	OCT	1436	130	12.	1.2	131.5	*	1	OCT	2116	230	2.	.3	130.4
1	OCT	0800	31	0.	.0	130.0	*	1	OCT	1440	131	12.	1.1	131.4	*	1	OCT	2120	231	2.	.3	130.4
1	OCT	0804	32	0.	.0	130.0	*	1	OCT	1444	132	11.	1.1	131.4	*	1	OCT	2124	232	2.	.3	130.4
1	OCT	0808	33	0.	.0	130.0	*	1	OCT	1448	133	11.	1.1	131.4	*	1	OCT	2128	233	2.	.3	130.3
1	OCT	0812	34	0.	.0	130.0	*	1	OCT	1452	134	10.	1.1	131.3	*	1	OCT	2132	234	2.	.3	130.3
1	OCT	0816	35	0.	.0	130.0	*	1	OCT	1456	135	10.	1.0	131.3	*	1	OCT	2136	235	2.	.3	130.3
1	OCT	0820	36	0.	.0	130.0	*	1	OCT	1500	136	10.	1.0	131.2	*	1	OCT	2140	236	2.	.3	130.3
1	OCT	0824	37	0.	.0	130.0	*	1	OCT	1504	137	9.	1.0	131.2	*	1	OCT	2144	237	2.	.3	130.3
1	OCT	0828	38	0.	.0	130.0	*	1	OCT	1508	138	9.	.9	131.2	*	1	OCT	2148	238	2.	.3	130.3
1	OCT	0832	39	0.	.0	130.0	*	1	OCT	1512	139	9.	.9	131.2	*	1	OCT	2152	239	2.	.3	130.3
1	OCT	0836	40	0.	.0	130.0	*	1	OCT	1516	140	8.	.9	131.1	*	1	OCT	2156	240	2.	.3	130.3
1	OCT	0840	41	0.	.0	130.0	*	1	OCT	1520	141	8.	.9	131.1	*	1	OCT	2200	241	2.	.3	130.3
1	OCT	0844	42	0.	.0	130.0	*	1	OCT	1524	142	8.	.9	131.1	*	1	OCT	2204	242	2.	.3	130.3
1	OCT	0848	43	0.	.0	130.0	*	1	OCT	1528	143	7.	.8	131.1	*	1	OCT	2208	243	2.	.2	130.3
1	OCT	0852	44	0.	.0	130.0	*	1	OCT	1532	144	7.	.8	131.1	*	1	OCT	2212	244	2.	.2	130.3
1	OCT	0856	45	0.	.0	130.0	*	1	OCT	1536	145	7.	.8	131.0	*	1	OCT	2216	245	2.	.2	130.3
1	OCT	0900	46	0.	.0	130.0	*	1	OCT	1540	146	7.	.8	131.0	*	1	OCT	2220	246	2.	.2	130.3
1	OCT	0904	47	0.	.0	130.0	*	1	OCT	1544	147	7.	.8	131.0	*	1	OCT	2224	247	2.	.2	130.3
1	OCT	0908	48	0.	.0	130.0	*	1	OCT	1548	148	6.	.8	131.0	*	1	OCT	2228	248	2.	.2	130.3
1	OCT	0912	49	0.	.0	130.0	*	1	OCT	1552	149	6.	.8	131.0	*	1	OCT	2232	249	2.	.2	130.3
1	OCT	0916	50	0.	.0	130.0	*	1	OCT	1556	150	6.	.8	131.0	*	1	OCT	2236	250	2.	.2	130.3
1	OCT	0920	51	0.	.0	130.0	*	1	OCT	1600	151	6.	.7	130.9	*	1	OCT	2240	251	2.	.2	130.3
1	OCT	0924	52	0.	.0	130.0	*	1	OCT	1604	152	6.	.7	130.9	*	1	OCT	2244	252	2.	.2	130.3
1	OCT	0928	53	0.	.0	130.0	*	1	OCT	1608	153	6.	.7	130.9	*	1	OCT	2248	253	2.	.2	130.3
1	OCT	0932	54	0.	.0	130.0	*	1	OCT	1612	154	6.	.7	130.9	*	1	OCT	2252	254	2.	.2	130.3
1	OCT	0936	55	0.	.0	130.0	*	1	OCT	1616	155	6.	.7	130.9	*	1	OCT	2256	255	2.	.2	130.3
1	OCT	0940	56	0.	.0	130.0	*	1	OCT	1620	156	6.	.7	130.9	*	1	OCT	2300	256	2.	.2	130.3
1	OCT	0944	57	0.	.0	130.0	*	1	OCT	1624	157	6.	.7	130.9	*	1	OCT	2304	257	2.	.2	130.3
1	OCT	0948	58	0.	.0	130.0	*	1	OCT	1628	158	6.	.7	130.9	*	1	OCT	2308	258	2.	.2	130.3
1	OCT	0952	59	0.	.0	130.0	*	1	OCT	1632	159	6.	.7	130.9	*	1	OCT	2312	259	2.	.2	130.3
1	OCT	0956	60	0.	.0	130.0	*	1	OCT	1636	160	5.	.7	130.8	*	1	OCT	2316	260	2.	.2	130.3
1	OCT	1000	61	0.	.0	130.0	*	1	OCT	1640	161	5.	.6	130.8	*	1	OCT	2320	261	2.	.2	130.3
1	OCT	1004	62	0.	.0	130.0	*	1	OCT	1644	162	5.	.6	130.8	*	1	OCT	2324	262	2.	.2	130.3
1	OCT	1008	63	0.	.0	130.0	*	1	OCT	1648	163	5.	.6	130.8	*	1	OCT	2328	263	2.	.2	130.3
1	OCT	1012	64	0.	.0	130.0	*	1	OCT	1652	164	5.	.6	130.8	*	1	OCT	2332	264	2.	.2	130.3
1	OCT	1016	65	0.	.0	130.0	*	1	OCT	1656	165	5.	.6	130.8	*	1	OCT	2336	265	2.	.2	130.3
1	OCT	1020	66	0.	.0	130.0	*	1	OCT	1700	166	5.	.6	130.8	*	1	OCT	2340	266	2.	.2	130.3
1	OCT	1024	67	0.	.0	130.0	*	1	OCT	1704	167	5.	.6	130.8	*	1	OCT	2344	267	2.	.2	130.3
1	OCT	1028	68	0.	.0	130.1	*	1	OCT	1708	168	5.	.6	130.8	*	1	OCT	2348	268	2.	.2	130.3

1 OCT 1032	69	0.	.0	130.1	*	1 OCT 1712	169	5.	.6	130.8	*	1 OCT 2352	269	2.	.2	130.3
1 OCT 1036	70	0.	.1	130.1	*	1 OCT 1716	170	5.	.6	130.8	*	1 OCT 2356	270	2.	.2	130.3
1 OCT 1040	71	0.	.1	130.1	*	1 OCT 1720	171	5.	.6	130.8	*	2 OCT 0000	271	2.	.2	130.3
1 OCT 1044	72	1.	.1	130.1	*	1 OCT 1724	172	5.	.6	130.8	*	2 OCT 0004	272	2.	.2	130.3
1 OCT 1048	73	1.	.1	130.1	*	1 OCT 1728	173	5.	.6	130.7	*	2 OCT 0008	273	2.	.2	130.3
1 OCT 1052	74	1.	.1	130.1	*	1 OCT 1732	174	5.	.6	130.7	*	2 OCT 0012	274	2.	.2	130.3
1 OCT 1056	75	1.	.1	130.1	*	1 OCT 1736	175	5.	.6	130.7	*	2 OCT 0016	275	2.	.2	130.2
1 OCT 1100	76	1.	.1	130.1	*	1 OCT 1740	176	5.	.6	130.7	*	2 OCT 0020	276	2.	.2	130.2
1 OCT 1104	77	1.	.1	130.1	*	1 OCT 1744	177	5.	.6	130.7	*	2 OCT 0024	277	2.	.2	130.2
1 OCT 1108	78	1.	.1	130.1	*	1 OCT 1748	178	5.	.5	130.7	*	2 OCT 0028	278	1.	.2	130.2
1 OCT 1112	79	1.	.1	130.2	*	1 OCT 1752	179	5.	.5	130.7	*	2 OCT 0032	279	1.	.2	130.2
1 OCT 1116	80	1.	.1	130.2	*	1 OCT 1756	180	4.	.5	130.7	*	2 OCT 0036	280	1.	.2	130.2
1 OCT 1120	81	1.	.2	130.2	*	1 OCT 1800	181	4.	.5	130.7	*	2 OCT 0040	281	1.	.2	130.2
1 OCT 1124	82	1.	.2	130.2	*	1 OCT 1804	182	4.	.5	130.7	*	2 OCT 0044	282	1.	.1	130.2
1 OCT 1128	83	2.	.2	130.2	*	1 OCT 1808	183	4.	.5	130.6	*	2 OCT 0048	283	1.	.1	130.2
1 OCT 1132	84	2.	.2	130.3	*	1 OCT 1812	184	4.	.5	130.6	*	2 OCT 0052	284	1.	.1	130.2
1 OCT 1136	85	2.	.2	130.3	*	1 OCT 1816	185	4.	.5	130.6	*	2 OCT 0056	285	1.	.1	130.2
1 OCT 1140	86	2.	.2	130.3	*	1 OCT 1820	186	4.	.5	130.6	*	2 OCT 0100	286	1.	.1	130.2
1 OCT 1144	87	2.	.3	130.4	*	1 OCT 1824	187	4.	.5	130.6	*	2 OCT 0104	287	1.	.1	130.2
1 OCT 1148	88	3.	.3	130.4	*	1 OCT 1828	188	4.	.5	130.6	*	2 OCT 0108	288	1.	.1	130.1
1 OCT 1152	89	4.	.4	130.5	*	1 OCT 1832	189	4.	.5	130.6	*	2 OCT 0112	289	1.	.1	130.1
1 OCT 1156	90	4.	.5	130.7	*	1 OCT 1836	190	4.	.4	130.6	*	2 OCT 0116	290	1.	.1	130.1
1 OCT 1200	91	6.	.7	130.9	*	1 OCT 1840	191	4.	.4	130.6	*	2 OCT 0120	291	1.	.1	130.1
1 OCT 1204	92	7.	.8	131.1	*	1 OCT 1844	192	4.	.4	130.6	*	2 OCT 0124	292	1.	.1	130.1
1 OCT 1208	93	10.	1.0	131.3	*	1 OCT 1848	193	4.	.4	130.6	*	2 OCT 0128	293	1.	.1	130.1
1 OCT 1212	94	13.	1.3	131.6	*	1 OCT 1852	194	4.	.4	130.5	*	2 OCT 0132	294	1.	.1	130.1
1 OCT 1216	95	17.	1.5	131.8	*	1 OCT 1856	195	4.	.4	130.5	*	2 OCT 0136	295	1.	.1	130.1
1 OCT 1220	96	20.	1.7	132.1	*	1 OCT 1900	196	3.	.4	130.5	*	2 OCT 0140	296	1.	.1	130.1
1 OCT 1224	97	23.	1.9	132.3	*	1 OCT 1904	197	3.	.4	130.5	*	2 OCT 0144	297	1.	.1	130.1
1 OCT 1228	98	26.	2.1	132.5	*	1 OCT 1908	198	3.	.4	130.5	*	2 OCT 0148	298	1.	.1	130.1
1 OCT 1232	99	29.	2.3	132.7	*	1 OCT 1912	199	3.	.4	130.5	*	2 OCT 0152	299	1.	.1	130.1
1 OCT 1236	100	31.	2.4	132.8	*	1 OCT 1916	200	3.	.4	130.5	*	2 OCT 0156	300	1.	.1	130.1

PEAK FLOW (CFS)	TIME (HR)	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	19.93-HR
33.	6.80	(CFS) 13.	5.	5.	5.
		(INCHES) 4.287	5.394	5.394	5.394
		(AC-FT) 7.	8.	8.	8.

PEAK STORAGE (AC-FT)	TIME (HR)	MAXIMUM AVERAGE STORAGE			
		6-HR	24-HR	72-HR	19.93-HR
3.	6.80	1.	0.	0.	0.

PEAK STAGE (FEET)	TIME (HR)	MAXIMUM AVERAGE STAGE			
		6-HR	24-HR	72-HR	19.93-HR
132.93	6.80	131.49	130.61	130.61	130.61

CUMULATIVE AREA = .03 SQ MI

RUNOFF SUMMARY
 FLOW IN CUBIC FEET PER SECOND
 TIME IN HOURS, AREA IN SQUARE MILES

OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD			BASIN AREA	MAXIMUM STAGE	TIME OF MAX STAGE
				6-HOUR	24-HOUR	72-HOUR			
HYDROGRAPH AT	UNDHYD	34.	6.67	11.	4.	4.	.03		
HYDROGRAPH AT	DEVHYD	60.	6.33	14.	5.	5.	.03		
ROUTED TO	POND1	33.	6.80	13.	5.	5.	.03	132.93	6.80

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