

+	6913.	13.75	3390.	1176.	1176.	1176.
		(INCHES)	.211	.291	.291	.291
		(AC-FT)	1681.	2324.	2324.	2324.

CUMULATIVE AREA = 149.58 SQ MI

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*                               *
2834 KK  *   DP515   *
*                               *
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2836 K0      OUTPUT CONTROL VARIABLES
          IPRAT      1  PRINT CONTROL
          IPLOT      0  PLOT CONTROL
          GSCAL      0.  HYDROGRAPH PLOT SCALE

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2837 H0      HYDROGRAPH COMBINATION
          IDDMF      3  NUMBER OF HYDROGRAPHS TO COMBINE

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HYDROGRAPH AT STATION DP515
SUM OF 3 HYDROGRAPHS

DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1	0000	1	19.	1	0600	73	29.	1	1200	145	65.	1	1800	217	2532.				
1	0005	2	29.	1	0605	74	29.	1	1205	146	73.	1	1805	218	2498.				
1	0010	3	29.	1	0610	75	29.	1	1210	147	139.	1	1810	219	2466.				
1	0015	4	29.	1	0615	76	29.	1	1215	148	208.	1	1815	220	2435.				
1	0020	5	29.	1	0620	77	29.	1	1220	149	310.	1	1820	221	2405.				
1	0025	6	29.	1	0625	78	29.	1	1225	150	324.	1	1825	222	2376.				
1	0030	7	29.	1	0630	79	29.	1	1230	151	938.	1	1830	223	2348.				
1	0035	8	29.	1	0635	80	29.	1	1235	152	1555.	1	1835	224	2321.				
1	0040	9	29.	1	0640	81	29.	1	1240	153	2076.	1	1840	225	2295.				
1	0045	10	29.	1	0645	82	29.	1	1245	154	2419.	1	1845	226	2270.				
1	0050	11	29.	1	0650	83	29.	1	1250	155	2722.	1	1850	227	2245.				
1	0055	12	29.	1	0655	84	29.	1	1255	156	3233.	1	1855	228	2220.				
1	0100	13	29.	1	0700	85	29.	1	1300	157	4011.	1	1900	229	2196.				
1	0105	14	29.	1	0705	86	29.	1	1305	158	4748.	1	1905	230	2172.				
1	0110	15	29.	1	0710	87	29.	1	1310	159	5211.	1	1910	231	2148.				
1	0115	16	29.	1	0715	88	29.	1	1315	160	5402.	1	1915	232	2124.				
1	0120	17	29.	1	0720	89	29.	1	1320	161	5381.	1	1920	233	2102.				
1	0125	18	29.	1	0725	90	29.	1	1325	162	5220.	1	1925	234	2081.				
1	0130	19	29.	1	0730	91	29.	1	1330	163	4974.	1	1930	235	2061.				
1	0135	20	29.	1	0735	92	29.	1	1335	164	4733.	1	1935	236	2041.				
1	0140	21	29.	1	0740	93	29.	1	1340	165	4583.	1	1940	237	2022.				
1	0145	22	29.	1	0745	94	29.	1	1345	166	4583.	1	1945	238	2003.				
1	0150	23	29.	1	0750	95	29.	1	1350	167	4753.	1	1950	239	1989.				
1	0155	24	29.	1	0755	96	29.	1	1355	168	5043.	1	1955	240	1972.				
1	0200	25	29.	1	0800	97	29.	1	1400	169	5424.	1	2000	241	1957.				
1	0205	26	29.	1	0805	98	29.	1	1405	170	5843.	1	2005	242	1941.				
1	0210	27	29.	1	0810	99	29.	1	1410	171	5272.	1	2010	243	1926.				
1	0215	28	29.	1	0815	100	29.	1	1415	172	5710.	1	2015	244	1911.				
1	0220	29	29.	1	0820	101	29.	1	1420	173	7096.	1	2020	245	1895.				

1	0235	32	29.	*	1	0835	104	29.	*	1	1435	176	7656.	*	1	2035	248	1846.
1	0240	33	29.	*	1	0840	105	29.	*	1	1440	177	7635.	*	1	2040	249	1830.
1	0245	34	29.	*	1	0845	106	29.	*	1	1445	178	7525.	*	1	2045	250	1814.
1	0250	35	29.	*	1	0850	107	29.	*	1	1450	179	7347.	*	1	2050	251	1798.
1	0255	36	29.	*	1	0855	108	29.	*	1	1455	180	7122.	*	1	2055	252	1782.
1	0300	37	29.	*	1	0900	109	29.	*	1	1500	181	6871.	*	1	2100	253	1766.
1	0305	38	29.	*	1	0905	110	29.	*	1	1505	182	6610.	*	1	2105	254	1750.
1	0310	39	29.	*	1	0910	111	30.	*	1	1510	183	6348.	*	1	2110	255	1734.
1	0315	40	29.	*	1	0915	112	30.	*	1	1515	184	6088.	*	1	2115	256	1718.
1	0320	41	29.	*	1	0920	113	30.	*	1	1520	185	5817.	*	1	2120	257	1702.
1	0325	42	29.	*	1	0925	114	30.	*	1	1525	186	5531.	*	1	2125	258	1686.
1	0330	43	29.	*	1	0930	115	30.	*	1	1530	187	5207.	*	1	2130	259	1670.
1	0335	44	29.	*	1	0935	116	30.	*	1	1535	188	4979.	*	1	2135	260	1655.
1	0340	45	29.	*	1	0940	117	30.	*	1	1540	189	4854.	*	1	2140	261	1640.
1	0345	46	29.	*	1	0945	118	30.	*	1	1545	190	4633.	*	1	2145	262	1624.
1	0350	47	29.	*	1	0950	119	30.	*	1	1550	191	4428.	*	1	2150	263	1612.
1	0355	48	29.	*	1	0955	120	30.	*	1	1555	192	4345.	*	1	2155	264	1599.
1	0400	49	29.	*	1	1000	121	30.	*	1	1600	193	4215.	*	1	2200	265	1586.
1	0405	50	29.	*	1	1005	122	30.	*	1	1605	194	4095.	*	1	2205	266	1573.
1	0410	51	29.	*	1	1010	123	31.	*	1	1610	195	3984.	*	1	2210	267	1562.
1	0415	52	29.	*	1	1015	124	31.	*	1	1615	196	3877.	*	1	2215	268	1550.
1	0420	53	29.	*	1	1020	125	31.	*	1	1620	197	3781.	*	1	2220	269	1540.
1	0425	54	29.	*	1	1025	126	31.	*	1	1625	198	3689.	*	1	2225	270	1530.
1	0430	55	29.	*	1	1030	127	31.	*	1	1630	199	3600.	*	1	2230	271	1520.
1	0435	56	29.	*	1	1035	128	31.	*	1	1635	200	3514.	*	1	2235	272	1511.
1	0440	57	29.	*	1	1040	129	32.	*	1	1640	201	3431.	*	1	2240	273	1503.
1	0445	58	29.	*	1	1045	130	32.	*	1	1645	202	3350.	*	1	2245	274	1494.
1	0450	59	29.	*	1	1050	131	32.	*	1	1650	203	3272.	*	1	2250	275	1486.
1	0455	60	29.	*	1	1055	132	32.	*	1	1655	204	3197.	*	1	2255	276	1478.
1	0500	61	29.	*	1	1100	133	33.	*	1	1700	205	3126.	*	1	2300	277	1470.
1	0505	62	29.	*	1	1105	134	33.	*	1	1705	206	3060.	*	1	2305	278	1463.
1	0510	63	29.	*	1	1110	135	33.	*	1	1710	207	2998.	*	1	2310	279	1456.
1	0515	64	29.	*	1	1115	136	34.	*	1	1715	208	2939.	*	1	2315	280	1449.
1	0520	65	29.	*	1	1120	137	34.	*	1	1720	209	2883.	*	1	2320	281	1442.
1	0525	66	29.	*	1	1125	138	35.	*	1	1725	210	2829.	*	1	2325	282	1435.
1	0530	67	29.	*	1	1130	139	36.	*	1	1730	211	2778.	*	1	2330	283	1429.
1	0535	68	29.	*	1	1135	140	36.	*	1	1735	212	2730.	*	1	2335	284	1422.
1	0540	69	29.	*	1	1140	141	37.	*	1	1740	213	2686.	*	1	2340	285	1416.
1	0545	70	29.	*	1	1145	142	39.	*	1	1745	214	2644.	*	1	2345	286	1410.
1	0550	71	29.	*	1	1150	143	43.	*	1	1750	215	2605.	*	1	2350	287	1404.
1	0555	72	29.	*	1	1155	144	50.	*	1	1755	216	2567.	*	1	2355	288	1398.

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW			
+	(CFS)	6-HR	24-HR	72-HR	23.92-HR
+	7638.	4390.	1517.	1517.	1517.
	(INCHES)	.171	.236	.236	.236
	(AC-FT)	2177.	2999.	2999.	2999.

CUMULATIVE AREA = 338.71 SQ MI

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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

+	ROUTED TO	RT01	146.	12.17	34.	11.	11.	.87
+	HYDROGRAPH AT	IC003	186.	12.25	51.	16.	16.	1.12
+	2 COMBINED AT	DP03	330.	12.25	85.	26.	26.	1.99
+	ROUTED TO	RT03	327.	12.25	85.	26.	26.	1.99
+	HYDROGRAPH AT	IC005	207.	12.00	42.	13.	13.	1.07
+	2 COMBINED AT	DP05	475.	12.03	126.	39.	39.	3.05
+	ROUTED TO	RT05	471.	12.17	126.	39.	39.	3.05
+	HYDROGRAPH AT	IC007	239.	12.00	46.	14.	14.	1.17
+	2 COMBINED AT	DP07	565.	12.03	171.	53.	53.	4.22
+	ROUTED TO	RT07	564.	12.17	172.	54.	54.	4.22
+	HYDROGRAPH AT	IC009	262.	11.52	41.	13.	13.	1.05
+	2 COMBINED AT	DP09	792.	12.17	212.	66.	66.	5.27
+	ROUTED TO	RT09	786.	12.25	212.	67.	67.	5.27
+	HYDROGRAPH AT	NMD13	176.	12.03	40.	12.	12.	.87
+	HYDROGRAPH AT	NMD15	188.	12.00	38.	12.	12.	.84
+	2 COMBINED AT	DP15	362.	12.03	78.	24.	24.	1.71
+	ROUTED TO	RT15	360.	12.17	79.	24.	24.	1.71
+	HYDROGRAPH AT	NMD17	274.	12.00	56.	17.	17.	1.21
+	2 COMBINED AT	DP17	524.	12.03	134.	42.	42.	2.52
+	ROUTED TO	RT17	529.	12.25	133.	41.	41.	2.52
+	HYDROGRAPH AT	NMD19	205.	11.52	34.	11.	11.	.88
+	ROUTED TO	RT19	204.	12.00	34.	11.	11.	.88

+	HYDROGRAPH AT	NMC21	202.	12.00	39.	12.	12.	.85
	ROUTED TO							
+		RT21	201.	12.08	39.	12.	12.	.85
	HYDROGRAPH AT							
+		NMC23	362.	11.92	59.	18.	18.	1.28
	4 COMBINED AT							
+		DP23	1140.	12.08	264.	82.	82.	5.92
	ROUTED TO							
+		RT23	1131.	12.17	263.	82.	82.	5.92
	HYDROGRAPH AT							
+		NMC25	291.	11.92	46.	14.	14.	.95
	HYDROGRAPH AT							
+		NMC27	270.	12.08	57.	18.	18.	1.24
	3 COMBINED AT							
+		DP25	1538.	12.08	368.	114.	114.	8.16
	ROUTED TO							
+		RT25	1530.	12.42	350.	109.	109.	8.16
	HYDROGRAPH AT							
+		NMC29	147.	11.92	23.	7.	7.	.89
	2 COMBINED AT							
+		DP29	1571.	12.42	368.	117.	117.	8.75
	ROUTED TO							
+		RT29	1536.	12.42	368.	117.	117.	8.75
	HYDROGRAPH AT							
+		IC011	203.	12.08	46.	15.	15.	1.17
	3 COMBINED AT							
+		DP11	2389.	12.42	826.	198.	198.	15.21
	ROUTED TO							
+		RT11	2345.	12.50	827.	197.	197.	15.21
	HYDROGRAPH AT							
+		MC33	273.	12.17	64.	20.	20.	1.40
	HYDROGRAPH AT							
+		MC35	140.	11.92	24.	7.	7.	.96
	2 COMBINED AT							
+		DP35	361.	12.08	88.	27.	27.	1.86
	ROUTED TO							
+		RT35	372.	12.17	87.	27.	27.	1.86
	HYDROGRAPH AT							
+		MC37	281.	12.00	53.	17.	17.	1.04
	HYDROGRAPH AT							
+		MC39	116.	12.00	21.	7.	7.	.41
	3 COMBINED AT							

+	ROUTED TO	RT39	717.	12.17	162.	50.	50.	3.31
+	HYDROGRAPH AT	MC41	296.	12.00	56.	17.	17.	1.38
+	2 COMBINED AT	DP41	982.	12.08	218.	67.	67.	4.39
+	ROUTED TO	RT41	976.	12.17	218.	67.	67.	4.39
+	HYDROGRAPH AT	MC43	351.	11.92	67.	20.	20.	1.38
+	2 COMBINED AT	DP43	1220.	12.08	251.	87.	87.	5.77
+	ROUTED TO	RT43	1220.	12.17	252.	87.	87.	5.77
+	HYDROGRAPH AT	MC45	270.	11.92	34.	11.	11.	.86
+	2 COMBINED AT	DP45	1338.	12.17	313.	98.	98.	6.63
+	ROUTED TO	RT45	1334.	12.26	316.	97.	97.	6.63
+	HYDROGRAPH AT	MC51	209.	11.92	35.	11.	11.	.69
+	HYDROGRAPH AT	MC47	25.	11.92	7.	3.	3.	.68
+	4 COMBINED AT	DP47	3555.	12.42	982.	308.	308.	23.21
+	ROUTED TO	RT47	3511.	12.50	983.	308.	308.	23.21
+	HYDROGRAPH AT	PL49	1.	12.83	1.	0.	0.	.31
+	2 COMBINED AT	DP49	3512.	12.50	984.	308.	308.	23.62
+	ROUTED TO	RT49	3489.	12.50	984.	308.	308.	23.62
+	HYDROGRAPH AT	MC51	8.	12.08	5.	2.	2.	.98
+	2 COMBINED AT	DP51	3498.	12.50	989.	310.	310.	24.50
+	ROUTED TO	RT51	3442.	12.58	988.	309.	309.	24.50
+	HYDROGRAPH AT	PL53	4.	12.83	3.	1.	1.	.95
	2 COMBINED AT	----						

+	ROUTED TO	RT53	3418.	12.58	991.	309.	309.	25.45
+	HYDROGRAPH AT	RM33	16.	12.08	8.	3.	3.	1.07
+	2 COMBINED AT	DP53	3432.	12.58	998.	312.	312.	26.52
+	ROUTED TO	RT55	3384.	12.67	999.	312.	312.	26.52
+	HYDROGRAPH AT	PL57	27.	12.42	13.	5.	5.	1.48
+	2 COMBINED AT	DP57	3408.	12.57	1012.	317.	317.	28.00
+	ROUTED TO	RT57	3382.	12.75	1001.	313.	313.	28.00
+	HYDROGRAPH AT	RM59	1.	13.58	1.	0.	0.	.37
+	HYDROGRAPH AT	PL61	9.	13.17	4.	2.	2.	.81
+	HYDROGRAPH AT	PL63	33.	12.42	13.	5.	5.	.99
+	4 COMBINED AT	DP59	3385.	12.75	1018.	320.	320.	30.27
+	ROUTED TO	RT59	3365.	12.75	1019.	319.	319.	30.27
+	HYDROGRAPH AT	DWC77	1.	16.33	1.	0.	0.	.50
+	ROUTED TO	RT79	1.	16.67	1.	0.	0.	.50
+	HYDROGRAPH AT	DWC81	1.	17.75	1.	0.	0.	.89
+	2 COMBINED AT	DP81	2.	16.75	2.	1.	1.	1.18
+	ROUTED TO	RT81	2.	16.83	2.	1.	1.	1.19
+	HYDROGRAPH AT	DWC83	1.	17.67	1.	0.	0.	.81
+	HYDROGRAPH AT	DWC85	0.	19.53	0.	0.	0.	.36
+	HYDROGRAPH AT	DWC87	1.	23.58	0.	0.	0.	.86
+	HYDROGRAPH AT	DWC89	3.	13.17	1.	1.	1.	.45
+	4 COMBINED AT	DP89	3385.	12.75	1018.	320.	320.	30.27

+	ROUTED TO	RT89	3.	18.00	3.	1.	1.	2.08
+	HYDROGRAPH AT	DWC91	13.	12.50	7.	2.	2.	.78
+	3 COMBINED AT	DP91	13.	12.50	10.	4.	4.	4.02
+	ROUTED TO	RT91	13.	12.58	10.	4.	4.	4.02
+	HYDROGRAPH AT	DWC93	5.	12.53	3.	1.	1.	.52
+	2 COMBINED AT	DP93	18.	12.38	13.	6.	6.	4.54
+	ROUTED TO	RT93	18.	13.03	13.	5.	5.	4.54
+	HYDROGRAPH AT	DWC95	46.	12.17	13.	4.	4.	.66
+	3 COMBINED AT	DP95	3404.	12.75	1043.	329.	329.	35.47
+	ROUTED TO	RT95	3395.	12.83	1041.	327.	327.	35.47
+	HYDROGRAPH AT	MR73	4.	12.67	3.	1.	1.	.53
+	2 COMBINED AT	DP73	3399.	12.83	1044.	328.	328.	35.00
+	ROUTED TO	RT73	3393.	12.83	1044.	328.	328.	35.00
+	HYDROGRAPH AT	MR63	28.	12.08	9.	3.	3.	.73
+	ROUTED TO	RT65	19.	12.58	9.	3.	3.	.78
+	HYDROGRAPH AT	MR67	50.	12.17	14.	5.	5.	.72
+	HYDROGRAPH AT	MR71	16.	12.08	8.	3.	3.	.76
+	ROUTED TO	RT71	15.	12.33	8.	3.	3.	.96
+	HYDROGRAPH AT	MR69	23.	12.17	9.	3.	3.	.72
+	ROUTED TO	RT69	20.	12.42	8.	3.	3.	.72
+	5 COMBINED AT	DP67	3454.	12.83	1079.	342.	342.	39.18
+	ROUTED TO	RT67	3448.	12.83	1078.	342.	342.	39.18

+	HYDROGRAPH AT	MR75	3.	12.67	2.	1.	1.	.32
+	2 COMBINED AT	DP75	3440.	12.83	1080.	342.	342.	39.49
+	ROUTED TO	RT75	3399.	12.92	1071.	338.	338.	39.49
+	HYDROGRAPH AT	MR77	2.	12.58	1.	0.	0.	.24
+	HYDROGRAPH AT	DWC97	13.	12.08	4.	1.	1.	.25
+	HYDROGRAPH AT	TD99	5.	12.42	3.	1.	1.	.47
+	ROUTED TO	RT99	5.	12.50	3.	1.	1.	.47
+	HYDROGRAPH AT	TD101	4.	12.83	3.	1.	1.	.74
+	2 COMBINED AT	DP101	9.	12.67	6.	2.	2.	1.21
+	ROUTED TO	RT101	9.	12.75	6.	2.	2.	1.21
+	HYDROGRAPH AT	TD103	2.	12.75	1.	0.	0.	.21
+	2 COMBINED AT	DP103	12.	12.75	7.	3.	3.	1.42
+	ROUTED TO	RT103	11.	13.00	7.	3.	3.	1.42
+	HYDROGRAPH AT	TD105	18.	12.42	9.	3.	3.	.83
+	5 COMBINED AT	DP97	3432.	12.92	1099.	346.	346.	42.22
+	ROUTED TO	RT97	3419.	13.00	1083.	342.	342.	42.22
+	HYDROGRAPH AT	TD107	3.	12.75	2.	1.	1.	.44
+	2 COMBINED AT	DP107	3422.	13.00	1086.	343.	343.	42.66
+	ROUTED TO	RT107	3365.	13.08	1083.	342.	342.	42.66
+	HYDROGRAPH AT	BB109	272.	12.08	57.	18.	18.	1.24
+	ROUTED TO	RT109	265.	12.17	57.	17.	17.	1.24
+	HYDROGRAPH AT							

+	HYDROGRAPH AT	EB113	212.	12.17	50.	15.	15.	.98
+	ROUTED TO	RT113	210.	12.17	50.	15.	15.	.98
+	HYDROGRAPH AT	EB115	190.	12.08	43.	13.	13.	.85
+	4 COMBINED AT	DP111	833.	12.17	168.	58.	58.	3.81
+	ROUTED TO	RT111	831.	12.17	168.	58.	58.	3.81
+	HYDROGRAPH AT	EB117	119.	12.00	14.	8.	8.	.47
+	HYDROGRAPH AT	EB119	139.	12.58	35.	12.	12.	1.63
+	ROUTED TO	RT119	89.	12.57	35.	12.	12.	1.63
+	HYDROGRAPH AT	EB121	215.	12.17	51.	16.	16.	1.11
+	2 COMBINED AT	DP121	259.	12.25	35.	27.	27.	2.94
+	ROUTED TO	RT121	257.	12.23	35.	27.	27.	2.94
-	HYDROGRAPH AT	EB123	173.	12.17	41.	13.	13.	.90
-	2 COMBINED AT	DP123	421.	12.25	125.	40.	40.	3.85
-	ROUTED TO	RT123	409.	12.23	125.	40.	40.	3.85
-	HYDROGRAPH AT	EB125	99.	12.17	24.	7.	7.	.46
+	HYDROGRAPH AT	EB127	175.	12.00	38.	11.	11.	.66
+	3 COMBINED AT	DP127	617.	12.25	183.	58.	58.	5.00
+	ROUTED TO	RT127	615.	12.23	182.	58.	58.	5.00
+	HYDROGRAPH AT	EB129	179.	12.17	43.	13.	13.	.85
+	4 COMBINED AT	DP129	1675.	12.25	437.	137.	137.	10.13
+	ROUTED TO	RT129	1667.	12.23	437.	137.	137.	10.13
+	HYDROGRAPH AT							

+	2 COMBINED AT	DP131	1792.	12.25	472.	148.	148.	10.82
	ROUTED TO							
+		RT131	1772.	12.25	472.	147.	147.	10.82
	HYDROGRAPH AT							
+		SBC133	222.	11.92	37.	12.	12.	.72
	2 COMBINED AT							
+		DP133	1881.	12.25	508.	159.	159.	11.55
	ROUTED TO							
+		RT133	1869.	12.33	508.	159.	159.	11.55
	HYDROGRAPH AT							
+		SBC135	304.	11.92	45.	15.	15.	.55
	HYDROGRAPH AT							
+		SBC137	368.	11.83	53.	16.	16.	1.03
	ROUTED TO							
+		RT137	313.	12.00	53.	16.	16.	1.03
	HYDROGRAPH AT							
+		SBC139	379.	12.00	72.	22.	22.	1.24
	4 COMBINED AT							
+		DP135	2402.	12.25	679.	212.	212.	14.67
	ROUTED TO							
+		RT135	2379.	12.25	681.	212.	212.	14.67
	HYDROGRAPH AT							
+		SBC141	342.	11.92	53.	16.	16.	.91
	2 COMBINED AT							
+		DP141	2511.	12.25	731.	228.	228.	15.58
	ROUTED TO							
+		RT141	2506.	12.33	734.	228.	228.	15.58
	HYDROGRAPH AT							
+		SBC143	156.	11.92	31.	10.	10.	1.25
	HYDROGRAPH AT							
+		HLC145	305.	11.92	47.	14.	14.	.58
	3 COMBINED AT							
+		DP143	2676.	12.33	809.	253.	253.	17.41
	ROUTED TO							
+		RT143	2676.	12.33	809.	253.	253.	17.41
	HYDROGRAPH AT							
+		WBC147	354.	12.00	66.	20.	20.	1.29
	ROUTED TO							
+		RT147	343.	12.00	66.	20.	20.	1.29
	HYDROGRAPH AT							
+		WBC149	190.	11.92	32.	10.	10.	.62
	2 COMBINED AT							

+	ROUTED TO	RT149	509.	12.00	98.	30.	30.	1.90
+	HYDROGRAPH AT	NBC151	257.	11.92	40.	12.	12.	.77
+	2 COMBINED AT	DP151	721.	12.00	138.	43.	43.	2.67
+	ROUTED TO	RT151	700.	12.08	137.	42.	42.	2.67
+	HYDROGRAPH AT	NBC153	94.	12.00	22.	7.	7.	1.04
+	3 COMBINED AT	DP153	3287.	12.17	968.	302.	302.	21.12
+	ROUTED TO	RT153	3178.	12.42	953.	297.	297.	21.12
+	HYDROGRAPH AT	BC155	11.	12.58	7.	3.	3.	1.03
+	HYDROGRAPH AT	HVC157	255.	11.92	41.	13.	13.	.72
+	ROUTED TO	RT157	239.	12.08	41.	13.	13.	.72
+	HYDROGRAPH AT	HVC159	199.	12.00	37.	11.	11.	.64
+	2 COMBINED AT	DP159	430.	12.00	78.	24.	24.	1.35
+	ROUTED TO	RT159	428.	12.08	78.	24.	24.	1.35
+	HYDROGRAPH AT	HVC161	134.	11.92	30.	10.	10.	.73
+	2 COMBINED AT	DP161	553.	12.08	108.	34.	34.	2.08
+	ROUTED TO	RT161	527.	12.17	107.	33.	33.	2.08
+	HYDROGRAPH AT	HVC163	14.	12.08	6.	2.	2.	.73
+	2 COMBINED AT	DP163	941.	12.17	114.	36.	36.	2.81
+	ROUTED TO	RT163	935.	12.25	114.	36.	36.	2.81
+	HYDROGRAPH AT	HVC165	5.	12.50	3.	1.	1.	.44
+	4 COMBINED AT	DP155	3671.	12.33	1076.	336.	336.	25.41
+	ROUTED TO	RT155	3617.	12.41	1076.	336.	336.	25.41

+	HYDROGRAPH AT	BC169	11.	12.33	6.	2.	2.	.77
+	HYDROGRAPH AT	HYC167	10.	12.25	5.	2.	2.	.56
+	4 COMBINED AT	DP167	5607.	13.00	2121.	682.	682.	69.43
+	ROUTED TO	RT167	5584.	13.00	2109.	676.	676.	69.43
+	HYDROGRAPH AT	JC173	8.	12.58	5.	2.	2.	1.01
+	ROUTED TO	RT173	8.	12.67	5.	2.	2.	1.01
+	HYDROGRAPH AT	JC175	10.	12.67	8.	2.	2.	1.16
+	2 COMBINED AT	DP175	18.	12.67	11.	4.	4.	2.17
+	ROUTED TO	RT175	17.	13.17	11.	4.	4.	2.17
+	HYDROGRAPH AT	JC177	11.	12.92	7.	3.	3.	1.40
+	2 COMBINED AT	DP177	27.	13.08	12.	7.	7.	3.57
+	ROUTED TO	RT177	27.	13.17	12.	7.	7.	3.57
+	HYDROGRAPH AT	JC179	6.	12.92	4.	1.	1.	.73
+	2 COMBINED AT	DP179	32.	13.17	22.	9.	9.	4.30
+	ROUTED TO	RT179	32.	13.33	21.	8.	8.	4.30
+	HYDROGRAPH AT	JC181	2.	12.67	1.	0.	0.	.16
+	HYDROGRAPH AT	JC180	7.	12.92	4.	2.	2.	.65
+	4 COMBINED AT	DP181	5622.	13.00	2135.	686.	686.	74.54
+	ROUTED TO	RT181	5594.	13.08	2134.	685.	685.	74.54
+	HYDROGRAPH AT	BC171	5.	12.25	3.	1.	1.	.38
+	HYDROGRAPH AT	JC182	3.	12.33	2.	1.	1.	.24
+	3 COMBINED AT							

+	ROUTED TO	RT171	5593.	13.08	2138.	686.	686.	75.17
+	HYDROGRAPH AT	JV183	48.	12.17	17.	6.	6.	1.15
+	HYDROGRAPH AT	JV185	21.	12.08	8.	3.	3.	.71
+	2 COMBINED AT	DP185	68.	12.17	25.	9.	9.	1.56
-	ROUTED TO	RT185	49.	12.75	24.	9.	9.	1.35
+	HYDROGRAPH AT	JV187	16.	12.67	9.	4.	4.	1.09
+	3 COMBINED AT	DP187	5655.	13.08	2171.	699.	699.	78.12
+	ROUTED TO	RT187	5632.	13.08	2168.	697.	697.	78.12
+	HYDROGRAPH AT	BF191	9.	12.25	4.	2.	2.	.57
+	ROUTED TO	RT191	9.	12.50	4.	2.	2.	.57
+	HYDROGRAPH AT	BF193	34.	12.08	11.	4.	4.	.63
+	2 COMBINED AT	DP193	37.	12.17	15.	5.	5.	1.40
+	ROUTED TO	RT193	36.	12.25	15.	5.	5.	1.40
+	HYDROGRAPH AT	BF195	36.	12.08	10.	3.	3.	.60
-	1 COMBINED AT	DP195	69.	12.17	25.	9.	9.	2.00
-	ROUTED TO	RT195	65.	12.33	25.	9.	9.	2.00
-	HYDROGRAPH AT	BF197	11.	12.42	5.	2.	2.	.52
+	3 COMBINED AT	DP197	5680.	13.08	2197.	708.	708.	80.64
+	ROUTED TO	RT197	5674.	13.17	2193.	704.	704.	80.64
+	HYDROGRAPH AT	BF199	24.	12.00	7.	3.	3.	.62
+	1 COMBINED AT	DP199	5683.	13.17	2199.	707.	707.	81.26
	ROUTED TO							

+	HYDROGRAPH AT	BF200	30.	12.67	13.	5.	5.	.76
+	2 COMBINED AT	DP200	5704.	13.25	2206.	707.	707.	82.02
+	ROUTED TO	RT200	5698.	13.25	2205.	706.	706.	82.02
+	HYDROGRAPH AT	SC215	4.	17.25	3.	1.	1.	1.03
+	HYDROGRAPH AT	SC217	4.	17.33	7.	1.	1.	.83
+	2 COMBINED AT	DP217	8.	17.33	6.	3.	3.	1.86
+	ROUTED TO	RT217	8.	17.50	6.	3.	3.	1.86
+	HYDROGRAPH AT	SC213	16.	12.33	8.	3.	3.	.88
+	HYDROGRAPH AT	SC219	12.	12.33	3.	2.	2.	.51
+	3 COMBINED AT	DP219	28.	12.75	19.	7.	7.	3.25
+	ROUTED TO	RT219	28.	12.92	18.	7.	7.	3.25
+	HYDROGRAPH AT	SC221	12.	12.75	7.	3.	3.	.95
+	2 COMBINED AT	DP221	40.	12.83	25.	10.	10.	4.20
+	ROUTED TO	RT221	39.	13.17	25.	9.	7.	4.20
+	HYDROGRAPH AT	SC223	12.	12.58	7.	3.	3.	.83
+	2 COMBINED AT	DP223	50.	13.08	32.	12.	12.	5.07
+	ROUTED TO	RT223	50.	13.17	32.	12.	12.	5.17
+	HYDROGRAPH AT	SC225	6.	12.42	3.	1.	1.	.37
+	3 COMBINED AT	DP225	3752.	13.25	2239.	720.	720.	87.47
+	ROUTED TO	RT225	3713.	13.33	2245.	720.	720.	87.47
+	HYDROGRAPH AT	EMC201	417.	11.92	70.	22.	22.	1.16
	ROUTED TO							

+	HYDROGRAPH AT	DNC203	139.	11.92	25.	8.	8.	.77
+	2 COMBINED AT	DP203	537.	12.00	96.	30.	30.	1.93
+	ROUTED TO	RT203	518.	12.08	95.	30.	30.	1.93
+	HYDROGRAPH AT	DNC205	187.	11.92	38.	12.	12.	1.19
+	HYDROGRAPH AT	DNC206	71.	12.08	19.	6.	6.	.71
+	3 COMBINED AT	DP205	749.	12.00	152.	48.	48.	3.83
+	ROUTED TO	RT205	746.	12.08	151.	48.	48.	3.83
+	HYDROGRAPH AT	DNC207	40.	12.08	13.	5.	5.	.51
+	2 COMBINED AT	DP207	786.	12.08	164.	52.	52.	4.64
+	ROUTED TO	RT207	784.	12.17	163.	52.	52.	4.64
+	HYDROGRAPH AT	DNC209	10.	12.17	5.	2.	2.	.56
+	HYDROGRAPH AT	JV189	15.	12.25	8.	3.	3.	1.10
+	4 COMBINED AT	DP189	5913.	13.25	2370.	778.	778.	93.76
+	ROUTED TO	RT189	5908.	13.33	2366.	771.	771.	93.76
+	HYDROGRAPH AT	DNC211	37.	12.67	19.	7.	7.	1.34
+	HYDROGRAPH AT	MB225	27.	12.33	11.	4.	4.	.93
+	ROUTED TO	RT225	27.	12.33	11.	4.	4.	.93
+	HYDROGRAPH AT	MB227	23.	12.00	6.	2.	2.	.43
+	2 COMBINED AT	DP227	41.	12.25	17.	6.	6.	1.38
+	ROUTED TO	RT227	40.	12.42	17.	6.	6.	1.38
+	HYDROGRAPH AT	MB228	17.	12.00	4.	1.	1.	.24
+	HYDROGRAPH AT							

+	ROUTED TO	RT229	14.	12.67	6.	2.	2.	.44
+	HYDROGRAPH AT	MB230	22.	12.33	8.	3.	3.	.45
+	4 COMBINED AT	DP230	82.	12.42	75.	12.	12.	2.52
+	ROUTED TO	RT230	62.	12.50	36.	12.	12.	2.52
+	HYDROGRAPH AT	MB231	61.	12.17	19.	6.	6.	1.07
+	HYDROGRAPH AT	MB232	15.	12.00	5.	2.	2.	.26
+	5 COMBINED AT	DP211	6017.	13.33	2433.	798.	798.	99.16
+	ROUTED TO	RT211	5995.	13.42	2442.	797.	797.	99.16
+	HYDROGRAPH AT	LR235	300.	12.08	65.	20.	20.	1.22
+	ROUTED TO	RT233	294.	12.17	65.	20.	20.	1.22
+	HYDROGRAPH AT	LR237	326.	11.92	55.	17.	17.	.97
+	HYDROGRAPH AT	LR239	91.	11.63	16.	3.	3.	.72
+	ROUTED TO	RT239	82.	11.92	16.	5.	5.	.72
+	3 COMBINED AT	DP237	608.	12.00	135.	42.	42.	2.61
+	ROUTED TO	RT237	577.	12.17	134.	42.	42.	2.61
+	HYDROGRAPH AT	LR241	41.	12.25	16.	6.	6.	1.11
+	2 COMBINED AT	DP241	617.	12.17	150.	48.	48.	4.03
+	ROUTED TO	RT241	605.	12.25	149.	47.	47.	4.03
+	HYDROGRAPH AT	LR243	71.	12.08	19.	6.	6.	.71
+	HYDROGRAPH AT	MT203	39.	12.33	17.	6.	6.	1.47
+	4 COMBINED AT	DP243	6207.	13.42	2587.	856.	856.	103.37
	ROUTED TO							

+	HYDROGRAPH AT	BSC246	9.	12.58	5.	2.	2.	1.02
+	ROUTED TO	RT246	9.	12.67	5.	2.	2.	1.02
+	HYDROGRAPH AT	BSC247	5.	12.67	3.	1.	1.	.63
+	HYDROGRAPH AT	BSC248	15.	12.75	9.	3.	3.	1.52
+	3 COMBINED AT	DP248	28.	12.75	18.	7.	7.	3.17
+	ROUTED TO	RT248	18.	12.83	17.	7.	7.	3.17
+	HYDROGRAPH AT	BSC249	9.	12.08	4.	1.	1.	.39
+	HYDROGRAPH AT	BSC250	25.	12.83	17.	7.	7.	3.36
+	ROUTED TO	RT250	25.	13.09	15.	6.	6.	3.36
+	HYDROGRAPH AT	BSC251	28.	12.17	12.	4.	4.	1.25
+	4 COMBINED AT	DP251	76.	12.83	48.	19.	19.	8.17
+	ROUTED TO	RT251	75.	13.00	48.	19.	19.	8.17
+	HYDROGRAPH AT	BSC252	56.	12.00	16.	5.	5.	.95
+	2 COMBINED AT	DP252	97.	12.92	62.	24.	24.	9.13
+	ROUTED TO	RT252	88.	14.25	58.	21.	21.	9.13
+	HYDROGRAPH AT	BSC253	87.	12.00	20.	7.	7.	.88
+	2 COMBINED AT	DP253	101.	14.17	58.	28.	28.	10.01
+	ROUTED TO	RT253	89.	16.25	56.	23.	23.	10.01
+	HYDROGRAPH AT	BSC254	83.	12.25	26.	9.	9.	1.09
+	3 COMBINED AT	DP254	8289.	13.42	2656.	885.	885.	116.47
+	ROUTED TO	RT254	5194.	13.50	2652.	876.	876.	116.47
+	HYDROGRAPH AT							

+	HYDROGRAPH AT	DV261	55.	12.08	14.	5.	5.	.59
+	ROUTED TO	RT261	48.	12.25	14.	5.	5.	.59
+	HYDROGRAPH AT	DV265	88.	12.50	34.	11.	11.	1.32
+	HYDROGRAPH AT	DV267	82.	12.08	15.	6.	6.	.44
+	3 COMBINED AT	DP263	158.	12.25	38.	12.	12.	2.35
+	ROUTED TO	RT263	182.	12.42	35.	21.	21.	2.35
+	HYDROGRAPH AT	DV265	53.	12.43	18.	6.	6.	1.05
+	4 COMBINED AT	DP248	6303.	13.50	2727.	907.	907.	120.15
+	ROUTED TO	RT248	6170.	13.50	2727.	905.	905.	120.15
+	HYDROGRAPH AT	ELK255	3.	18.85	3.	1.	1.	1.33
+	2 COMBINED AT	DP255	6271.	13.51	2727.	906.	906.	121.48
+	ROUTED TO	RT255	6268.	13.52	2728.	903.	903.	121.48
+	HYDROGRAPH AT	ELK257	0.	.08	0.	0.	0.	.81
+	ROUTED TO	RT257	0.	.08	0.	0.	0.	.81
+	HYDROGRAPH AT	ELK259	0.	.08	0.	0.	0.	.81
+	HYDROGRAPH AT	DV269	20.	12.17	8.	3.	3.	.75
+	4 COMBINED AT	DP259	6274.	13.55	2735.	906.	906.	123.82
+	ROUTED TO	RT259	6210.	13.57	2724.	894.	894.	123.82
+	HYDROGRAPH AT	DV271	81.	12.08	23.	8.	8.	1.15
+	2 COMBINED AT	DP349	6232.	13.57	2735.	901.	901.	124.70
+	ROUTED TO	RT349	6215.	13.75	2741.	898.	898.	124.70
+	HYDROGRAPH AT							

+	HYDROGRAPH AT	WMC275	73.	12.33	22.	7.	7.	.32		
+	HYDROGRAPH AT	WMC277	103.	12.00	27.	9.	9.	.93		
+	HYDROGRAPH AT	WMC279	123.	11.92	19.	6.	6.	.49		
+	HYDROGRAPH AT	WMC281	143.	12.00	15.	5.	6.	.49		
+	HYDROGRAPH AT	WMC283	163.	12.30	17.	6.	8.	.92		
+	HYDROGRAPH AT	WMC285	182.	11.92	36.	16.	18.	1.22		
+	7 COMBINED AT	DP283	958.	11.92	278.	95.	98.	5.33		
+	ROUTED TO	REB283	29.	.05	29.	29.	29.	5.33		
+									8998.75	23.67
+	ROUTED TO	RT283	29.	.05	29.	29.	29.	5.33		
+	HYDROGRAPH AT	WMC287	188.	11.92	17.	6.	8.	.59		
+	ROUTED TO	RT287	188.	12.00	17.	6.	8.	.55		
+	HYDROGRAPH AT	WMC289	190.	12.00	38.	12.	12.	.96		
+	HYDROGRAPH AT	WMC290	113.	12.00	26.	8.	8.	.57		
+	HYDROGRAPH AT	WMC295	271.	12.00	53.	17.	17.	1.35		
+	5 COMBINED AT	DP295	773.	12.00	173.	74.	74.	9.14		
+	ROUTED TO	RT295	761.	12.08	174.	74.	74.	9.14		
+	HYDROGRAPH AT	WMC293	255.	11.92	46.	14.	14.	1.00		
+	2 COMBINED AT	DP293	990.	12.00	220.	88.	88.	10.14		
+	ROUTED TO	RT293	986.	12.05	220.	88.	88.	10.14		
+	HYDROGRAPH AT	WMC299	316.	11.83	40.	12.	12.	.77		
+	HYDROGRAPH AT	WMC301	225.	12.00	43.	13.	13.	.93		

+	ROUTED TO	RT301	1300.	12.08	302.	114.	114.	11.84
+	HYDROGRAPH AT	WMC303	354.	11.92	55.	17.	17.	1.19
+	HYDROGRAPH AT	WMC309	326.	11.92	53.	16.	16.	1.14
+	3 COMBINED AT	DP309	1511.	12.00	410.	147.	147.	14.13
+	ROUTED TO	RT309	1607.	12.08	413.	148.	148.	14.18
+	HYDROGRAPH AT	WMC291	741.	12.00	70.	22.	22.	1.35
+	ROUTED TO	RT291	338.	12.08	70.	21.	21.	1.36
+	HYDROGRAPH AT	WMC297	647.	12.08	133.	41.	41.	1.62
+	2 COMBINED AT	DP297	986.	12.08	202.	62.	62.	2.47
+	ROUTED TO	RT297	969.	12.17	201.	62.	62.	2.47
+	HYDROGRAPH AT	WMC306	235.	11.92	41.	13.	13.	1.62
+	HYDROGRAPH AT	WMC307	255.	11.92	41.	13.	13.	1.69
+	HYDROGRAPH AT	WMC310	336.	11.93	43.	13.	13.	1.82
+	3 COMBINED AT	DP310	3206.	12.08	737.	249.	249.	17.69
+	ROUTED TO	RT310	3170.	12.08	737.	249.	249.	17.69
+	HYDROGRAPH AT	WMC311	40.	11.93	10.	3.	3.	1.74
+	HYDROGRAPH AT	WMC313	8.	12.08	4.	1.	1.	1.40
+	3 COMBINED AT	DP313	3203.	12.08	750.	253.	253.	18.65
+	ROUTED TO	RT313	3194.	12.17	751.	253.	253.	18.83
+	HYDROGRAPH AT	WMC115	393.	11.92	61.	19.	19.	1.99
+	2 COMBINED AT	DP315	3401.	12.17	810.	272.	272.	11.55

+	HYDROGRAPH AT	4M0317	23.	12.25	11.	4.	4.	1.20
+	2 COMBINED AT	DP017	3400.	12.17	824.	276.	276.	23.12
+	ROUTED TO	RT017	3398.	12.18	826.	278.	278.	23.12
+	HYDROGRAPH AT	4M0319	3.	12.50	4.	2.	2.	.31
+	HYDROGRAPH AT	4C0349	3.	16.58	3.	1.	1.	1.25
+	4 COMBINED AT	DP019	6913.	13.75	3390.	1176.	1176.	149.53
+	ROUTED TO	RT019	6910.	13.75	3390.	1175.	1175.	149.53
+	HYDROGRAPH AT	4C0323	2.	17.67	2.	1.	1.	1.67
+	ROUTED TO	RT027	2.	17.83	2.	1.	1.	1.67
+	HYDROGRAPH AT	4C0321	3.	13.42	4.	2.	2.	1.31
+	HYDROGRAPH AT	4C0327	4.	13.42	3.	1.	1.	.84
+	7 COMBINED AT	DP027	10.	14.17	9.	4.	4.	3.52
+	ROUTED TO	RT027	10.	14.42	9.	4.	4.	3.52
+	HYDROGRAPH AT	4C0321	5.	13.05	3.	1.	1.	.68
+	HYDROGRAPH AT	4C0325	5.	13.75	4.	2.	2.	1.13
+	ROUTED TO	RT025	4.	14.42	4.	1.	1.	1.10
+	HYDROGRAPH AT	4C0333	10.	13.25	7.	3.	3.	1.35
+	4 COMBINED AT	DP031	27.	13.83	22.	9.	9.	6.99
+	ROUTED TO	RT031	27.	13.92	22.	9.	9.	6.99
+	HYDROGRAPH AT	4C0329	3.	13.67	4.	2.	2.	1.14
+	2 COMBINED AT	DP029	31.	13.92	26.	11.	11.	8.12
	ROUTED TO							

+	HYDROGRAPH AT	KC337	13.	12.47	8.	3.	3.	1.05	
+	2 COMBINED AT	DP337	40.	13.75	32.	13.	13.	9.17	
+	ROUTED TO	RT337	40.	14.08	32.	13.	13.	9.17	
+	HYDROGRAPH AT	KC338	18.	12.33	12.	5.	5.	2.03	
+	HYDROGRAPH AT	KC339	19.	12.25	9.	3.	3.	.93	
+	3 COMBINED AT	DP339	55.	13.75	31.	21.	21.	12.13	
+	ROUTED TO	RT339	53.	14.42	30.	20.	20.	12.13	
+	HYDROGRAPH AT	KC341	11.	12.33	7.	3.	3.	1.00	
+	HYDROGRAPH AT	KC343	12.	12.58	7.	3.	3.	1.06	
+	HYDROGRAPH AT	KC345	11.	12.75	7.	3.	3.	.79	
+	4 COMBINED AT	DP345	84.	14.25	47.	25.	25.	15.18	
+	ROUTED TO	RT345	83.	14.58	47.	27.	27.	15.18	
+	HYDROGRAPH AT	KC347	17.	12.58	10.	4.	4.	1.11	
+	2 COMBINED AT	DP347	42.	14.50	75.	30.	30.	16.28	
+	ROUTED TO	RT347	41.	14.75	74.	30.	30.	16.28	3345.64 14.75
+	ROUTED TO	RT347	89.	15.25	74.	28.	28.	15.25	
+	HYDROGRAPH AT	KC351	0.	.09	0.	0.	0.	1.02	
+	3 COMBINED AT	DP351	6957.	13.75	3448.	1203.	1203.	166.59	
+	ROUTED TO	RT351	6931.	13.75	3448.	1202.	1202.	166.59	
+	HYDROGRAPH AT	DRY362	23.	12.17	11.	4.	4.	1.19	
+	2 COMBINED AT	DP362	6963.	13.75	3459.	1206.	1206.	168.08	

	R7362	6927.	13.75	3457.	1204.	1204.	168.08		
+ HYDROGRAPH AT									
+ DRY363		7.	12.25	3.	1.	1.	.33		
- 2 COMBINED AT									
+ DP363		6930.	13.75	3460.	1205.	1205.	168.41		
- ROUTED TO									
+ RT363		6928.	13.53	3459.	1202.	1203.	168.41		
- HYDROGRAPH AT									
+ K1353		1.	13.55	1.	0.	0.	1.96		
- 2 COMBINED AT									
+ DP353		6925.	13.53	3459.	1203.	1205.	168.47		
- ROUTED TO									
+ RT353		6896.	13.53	3461.	1200.	1200.	168.47		
- HYDROGRAPH AT									
+ FC423		5.	13.00	3.	1.	1.	.38		
- 2 COMBINED AT									
+ DP423		6901.	13.87	3464.	1201.	1201.	168.85		
- ROUTED TO									
+ RT423		6900.	13.92	3462.	1196.	1196.	168.85		
- HYDROGRAPH AT									
+ DRY364		8.	12.73	5.	1.	2.	.67		
- HYDROGRAPH AT									
+ SPQ428		1.	16.67	2.	1.	1.	1.61		
- ROUTED TO									
+ RES428		2.	23.83	2.	1.	1.	1.61	6602.23	23.83
+ ROUTED TO									
+ RT428		2.	13.92	2.	1.	1.	1.61		
- HYDROGRAPH AT									
+ BPC427		98.	12.17	25.	8.	3.	.50		
- ROUTED TO									
+ RES427		60.	12.67	24.	8.	3.	.50	6583.50	12.67
+ ROUTED TO									
+ RT427		60.	12.67	24.	8.	3.	.50		
- HYDROGRAPH AT									
+ BPC428		72.	12.17	18.	6.	6.	.37		
- HYDROGRAPH AT									
+ SFC429		2.	16.50	1.	1.	1.	.77		
- HYDROGRAPH AT									
+ BPC430		0.	23.58	0.	0.	0.	.14		
- ROUTED TO									
+ RES430		0.	23.92	0.	0.	0.	.14	6878.04	23.92

+		RT430	0.	23.83	0.	0.	0.	.14
	HYDROGRAPH AT							
+		SPC431	19.	12.25	5.	2.	2.	.26
	6 COMBINED AT							
+		SP427	137.	12.15	50.	16.	16.	3.63
	ROUTED TO							
+		RT427	137.	12.33	50.	16.	16.	3.43
	HYDROGRAPH AT							
+		PC413	58.	12.08	15.	5.	5.	.81
	HYDROGRAPH AT							
+		PC415	46.	12.17	14.	5.	5.	.78
	ROUTED TO							
+		RT415	46.	12.42	14.	5.	5.	.78
	HYDROGRAPH AT							
+		PC417	12.	12.00	7.	3.	3.	.87
	3 COMBINED AT							
+		SP417	53.	12.42	36.	13.	13.	2.46
	ROUTED TO							
+		RT417	53.	12.42	36.	13.	13.	2.46
	HYDROGRAPH AT							
+		PC419	0.	.00	0.	0.	0.	.54
	2 COMBINED AT							
+		SP419	83.	12.42	36.	13.	13.	3.00
	ROUTED TO							
+		RT419	83.	12.50	36.	13.	13.	3.00
	HYDROGRAPH AT							
+		PC411	2.	23.75	2.	1.	1.	1.32
	2 COMBINED AT							
+		SP421	63.	12.50	37.	13.	13.	4.32
	ROUTED TO							
+		RT421	61.	12.67	36.	13.	13.	4.32
	HYDROGRAPH AT							
+		SPC433	87.	12.17	11.	6.	6.	.39
	3 COMBINED AT							
+		SP433	273.	12.42	106.	36.	36.	9.33
	ROUTED TO							
+		RT433	273.	12.50	105.	35.	35.	9.33
	HYDROGRAPH AT							
+		SPC435	177.	12.17	44.	14.	14.	.84
	4 COMBINED AT							
+		SP435	7039.	13.61	3602.	1247.	1247.	179.50
	ROUTED TO							
+		RT435	7032.	14.00	3601.	1244.	1244.	179.50

+		DRY355	106.	11.83	18.	5.	6.	.80
	ROUTED TO							
+		RT355	103.	11.92	18.	6.	6.	.80
	HYDROGRAPH AT							
+		DRY359	50.	11.92	11.	4.	4.	.64
	2 COMBINED AT							
+		DP359	153.	11.92	29.	10.	10.	1.44
	ROUTED TO							
+		RT359	138.	12.00	29.	10.	10.	1.44
	HYDROGRAPH AT							
+		DRY357	90.	11.83	16.	5.	5.	.73
	2 COMBINED AT							
+		DP357	208.	12.00	45.	15.	15.	2.17
	ROUTED TO							
+		RT357	138.	12.33	43.	15.	15.	2.17
	HYDROGRAPH AT							
+		DRY361	89.	12.33	29.	10.	10.	1.27
	HYDROGRAPH AT							
+		CD437	7.	13.17	5.	2.	2.	1.18
	ROUTED TO							
+		RT437	7.	13.33	5.	2.	2.	1.18
	HYDROGRAPH AT							
+		CD439	2.	13.42	2.	1.	1.	.60
	2 COMBINED AT							
+		DP439	9.	13.33	7.	3.	3.	1.69
	ROUTED TO							
+		RT439	9.	13.50	7.	3.	3.	1.69
	HYDROGRAPH AT							
+		CD441	7.	13.50	6.	2.	2.	1.70
	2 COMBINED AT							
+		DP441	16.	13.50	12.	5.	5.	3.35
	ROUTED TO							
+		RT441	15.	14.58	12.	4.	4.	3.33
	HYDROGRAPH AT							
+		CD443	2.	17.67	2.	1.	1.	1.47
	HYDROGRAPH AT							
+		CD445	9.	17.00	6.	3.	3.	1.26
	ROUTED TO							
+		RT445	9.	13.42	6.	2.	2.	1.26
	HYDROGRAPH AT							
+		CD447	7.	13.00	5.	2.	2.	.96
	4 COMBINED AT							
+		DP443	29.	14.33	24.	10.	10.	7.09

+		RT443	29.	14.50	24.	10.	10.	7.09
		HYDROGRAPH AT						
+		CC449	3.	15.50	2.	1.	1.	1.10
		2 COMBINED AT						
+		DP449	32.	14.50	26.	11.	11.	8.19
		ROUTED TO						
+		RT449	32.	14.67	26.	10.	10.	8.19
		HYDROGRAPH AT						
+		CC451	7.	12.85	5.	2.	2.	.70
		ROUTED TO						
+		RT451	7.	11.92	5.	2.	2.	.70
		HYDROGRAPH AT						
+		CC453	17.	12.53	9.	3.	3.	1.24
		3 COMBINED AT						
+		DP453	44.	14.50	37.	15.	13.	10.13
		ROUTED TO						
+		RT453	44.	14.67	37.	15.	13.	10.13
		HYDROGRAPH AT						
+		CC455	0.	23.67	0.	0.	0.	.99
		ROUTED TO						
+		RT455	0.	17.53	0.	0.	0.	.99
		HYDROGRAPH AT						
+		CC457	0.	.98	0.	0.	0.	.24
		3 COMBINED AT						
+		DP457	44.	14.67	37.	15.	13.	11.96
		ROUTED TO						
+		RT457	44.	14.92	37.	15.	13.	11.96
		HYDROGRAPH AT						
+		CC459	0.	.08	0.	0.	0.	.97
		ROUTED TO						
+		RT459	0.	.03	0.	0.	0.	.97
		HYDROGRAPH AT						
+		CC461	0.	.03	0.	0.	0.	1.07
		1 COMBINED AT						
+		DP461	0.	.02	0.	0.	0.	2.04
		ROUTED TO						
+		RT461	0.	.05	0.	0.	0.	2.04
		HYDROGRAPH AT						
+		CC463	0.	.08	0.	0.	0.	1.04
		2 COMBINED AT						
+		DP463	0.	.06	0.	0.	0.	3.09
		ROUTED TO						
+		RT463	0.	.03	0.	0.	0.	3.09

+		00465	61.	12.33	24.	9.	9.	1.70
	3 COMBINED AT							
+		0P465	61.	12.33	55.	23.	23.	16.74
	ROUTED TO							
+		RT465	61.	14.92	55.	23.	23.	16.74
	HYDROGRAPH AT							
+		00467	275.	12.17	67.	11.	11.	1.21
	2 COMBINED AT							
+		0P467	300.	12.25	117.	43.	43.	17.95
	ROUTED TO							
+		RT467	299.	12.33	117.	43.	43.	17.95
	HYDROGRAPH AT							
+		00469	53.	12.25	25.	9.	9.	.89
	2 COMBINED AT							
+		0P469	394.	12.33	144.	52.	52.	15.84
	ROUTED TO							
+		RT469	393.	12.42	144.	52.	52.	15.84
	HYDROGRAPH AT							
+		00471	70.	12.25	20.	7.	7.	.73
	2 COMBINED AT							
+		0P471	459.	12.33	164.	55.	55.	19.57
	ROUTED TO							
+		RT471	459.	12.42	165.	55.	55.	19.57
	HYDROGRAPH AT							
+		00473	39.	12.25	12.	4.	4.	.47
	2 COMBINED AT							
+		0P473	495.	12.42	177.	61.	61.	20.04
	ROUTED TO							
+		RT473	492.	12.50	175.	61.	61.	20.04
	HYDROGRAPH AT							
+		00475	40.	12.17	10.	3.	3.	.14
	2 COMBINED AT							
+		0P475	524.	12.42	185.	64.	64.	20.28
	ROUTED TO							
+		RT475	522.	12.50	184.	64.	64.	20.28
	HYDROGRAPH AT							
+		00477	15.	12.25	4.	1.	1.	.16
	5 COMBINED AT							
+		0P561	7280.	14.00	3852.	1333.	1333.	203.68
	ROUTED TO							
+		RT561	7276.	14.00	3850.	1328.	1328.	203.68
	HYDROGRAPH AT							
+		NR375	92.	12.38	25.	9.	9.	1.13

+	1 COMBINED AT	DF375	7296.	14.00	3869.	1335.	1336.	204.51
	ROUTED TO							
+		RT375	7296.	14.08	3870.	1332.	1332.	204.51
	HYDROGRAPH AT							
+		PR479	107.	12.17	39.	10.	10.	1.10
	2 COMBINED AT							
+		DF479	7208.	14.08	3893.	1341.	1341.	205.51
	ROUTED TO							
+		RT479	7209.	14.08	3893.	1339.	1339.	205.51
	HYDROGRAPH AT							
+		RA375	19.	11.23	9.	0.	3.	1.36
	2 COMBINED AT							
+		DF376	7298.	14.08	3899.	1342.	1342.	206.55
	ROUTED TO							
+		RT376	7299.	14.17	3897.	1340.	1340.	206.55
	HYDROGRAPH AT							
+		BR377	153.	12.00	32.	10.	10.	.90
	ROUTED TO							
+		RT377	145.	12.17	32.	10.	10.	.90
	HYDROGRAPH AT							
+		BR378	10.	11.52	5.	2.	2.	.75
	3 COMBINED AT							
+		DF378	7304.	14.17	3912.	1351.	1351.	208.23
	ROUTED TO							
+		RT378	7303.	14.17	3919.	1345.	1345.	208.23
	HYDROGRAPH AT							
+		TR803	184.	11.50	45.	14.	14.	.98
	ROUTED TO							
+		RT803	283.	12.00	45.	14.	14.	.98
	HYDROGRAPH AT							
+		PR379	81.	12.25	12.	7.	7.	.87
	3 COMBINED AT							
+		DF379	7343.	14.17	3922.	1359.	1359.	210.38
	ROUTED TO							
+		RT379	7329.	14.17	3937.	1355.	1355.	210.38
	HYDROGRAPH AT							
+		TR801	11.	12.00	4.	1.	1.	.34
	2 COMBINED AT							
+		DF801	7331.	14.17	3960.	1367.	1367.	210.22
	ROUTED TO							
+		RT801	7327.	14.15	3950.	1361.	1361.	210.22
	HYDROGRAPH AT							
+		TR489	61.	11.75	3.	3.	3.	.35

+		RT489	41.	11.92	1.	3.	1.	.35
	HYDROGRAPH AT							
+		TS481	96.	11.92	20.	7.	7.	.99
	ROUTED TO							
+		RT481	92.	12.00	19.	6.	6.	.99
	HYDROGRAPH AT							
+		TS483	362.	11.92	87.	20.	10.	1.40
	2 COMBINED AT							
+		SP483	484.	12.00	84.	27.	27.	1.39
	ROUTED TO							
+		RT483	439.	12.00	84.	27.	27.	1.39
	HYDROGRAPH AT							
+		TS485	19.	12.00	11.	4.	4.	1.12
	ROUTED TO							
+		RT485	29.	12.00	11.	4.	4.	1.12
	HYDROGRAPH AT							
+		TS487	197.	11.92	32.	10.	10.	.70
	ROUTED TO							
+		RT487	189.	12.00	32.	10.	10.	.70
	HYDROGRAPH AT							
+		TS489	388.	11.92	86.	21.	21.	1.39
	4 COMBINED AT							
+		SP489	1031.	12.00	178.	62.	62.	5.59
	ROUTED TO							
+		RT489	1025.	12.00	176.	62.	62.	5.59
	HYDROGRAPH AT							
+		TS491	202.	11.83	33.	11.	11.	1.10
	ROUTED TO							
+		RT491	201.	11.92	33.	11.	11.	1.10
	HYDROGRAPH AT							
+		TS493	156.	11.75	20.	7.	7.	.75
	3 COMBINED AT							
+		SP493	1271.	12.00	249.	79.	79.	7.44
	ROUTED TO							
+		RT493	1266.	12.00	250.	79.	79.	7.44
	HYDROGRAPH AT							
+		TS495	34.	12.00	13.	5.	5.	.67
	2 COMBINED AT							
+		SP495	1231.	12.00	243.	87.	87.	8.42
	ROUTED TO							
+		RT495	1238.	12.17	259.	82.	82.	8.42
	HYDROGRAPH AT							
+		TS497	178.	12.25	52.	16.	16.	.99

+		BP497	1429.	12.17	308.	98.	98.	9.32
	ROUTED TO							
+		BT497	1403.	12.25	308.	97.	97.	9.32
	HYDROGRAPH AT							
+		RC8505	274.	11.52	41.	13.	13.	1.41
	4 COMBINED AT							
+		BP505	7357.	14.25	4186.	1473.	1473.	220.30
	ROUTED TO							
+		BT505	7352.	14.25	4186.	1472.	1472.	220.30
	HYDROGRAPH AT							
+		DB0381	61.	12.00	16.	6.	6.	1.05
	ROUTED TO							
+		BT381	67.	12.17	16.	6.	6.	1.05
	HYDROGRAPH AT							
+		DB0383	163.	12.08	37.	18.	18.	1.33
	ROUTED TO							
+		BT383	260.	12.08	34.	17.	17.	1.33
	HYDROGRAPH AT							
+		DB0385	2.	16.33	2.	1.	1.	1.88
	3 COMBINED AT							
+		BP385	314.	12.17	74.	24.	24.	3.26
	ROUTED TO							
+		BT385	315.	12.17	74.	24.	24.	3.26
	HYDROGRAPH AT							
+		DB0387	4.	13.42	3.	1.	1.	1.00
	2 COMBINED AT							
+		BP387	316.	12.17	77.	25.	25.	4.26
	ROUTED TO							
+		BT387	311.	12.25	77.	25.	25.	4.26
	HYDROGRAPH AT							
+		DB0389	4.	13.75	3.	1.	1.	1.33
	2 COMBINED AT							
+		BP389	311.	12.25	80.	26.	26.	4.84
	ROUTED TO							
+		BT389	308.	12.25	79.	26.	26.	4.84
	HYDROGRAPH AT							
+		DB0391	2.	16.33	2.	1.	1.	1.07
	2 COMBINED AT							
+		BP391	308.	12.25	81.	27.	27.	5.50
	ROUTED TO							
+		BT391	307.	12.33	81.	27.	27.	5.50
	HYDROGRAPH AT							
+		DB0393	179.	12.08	40.	13.	13.	1.21

+		DP393	7640.	14.25	4283.	1512.	1512.	227.42
	ROUTED TO							
+		RT393	7622.	14.33	4282.	1507.	1507.	227.42
	HYDROGRAPH AT							
+		DB0395	111.	12.25	34.	11.	11.	1.57
	ROUTED TO							
+		RT395	111.	12.33	34.	11.	11.	1.57
	HYDROGRAPH AT							
+		DB0397	6.	11.92	3.	1.	1.	.51
	2 COMBINED AT							
+		DP397	115.	12.33	37.	12.	12.	2.08
	ROUTED TO							
+		RT397	115.	12.42	37.	12.	12.	2.08
	HYDROGRAPH AT							
+		DB0399	7.	12.83	4.	2.	2.	1.04
	3 COMBINED AT							
+		DP399	7636.	14.33	4321.	1521.	1521.	230.54
	ROUTED TO							
+		RT399	7648.	14.42	4322.	1513.	1513.	230.54
	HYDROGRAPH AT							
+		MEB401	52.	12.08	12.	4.	4.	.60
	2 COMBINED AT							
+		DP401	7638.	14.42	4331.	1517.	1517.	231.14
	ROUTED TO							
+		RT401	7650.	14.42	4330.	1514.	1514.	231.14
	HYDROGRAPH AT							
+		PAP507	6.	13.83	4.	2.	2.	1.29
	ROUTED TO							
+		RT507	6.	14.00	4.	2.	2.	1.29
	HYDROGRAPH AT							
+		PAP511	58.	12.42	21.	7.	7.	1.17
	2 COMBINED AT							
+		DP511	59.	12.42	24.	8.	8.	2.46
	ROUTED TO							
+		RT511	59.	12.50	24.	8.	8.	2.46
	HYDROGRAPH AT							
+		ROB507	265.	11.83	39.	12.	12.	.72
	3 COMBINED AT							
+		DP507	7639.	14.42	4370.	1535.	1535.	234.32
	ROUTED TO							
+		RT507	7630.	14.50	4375.	1528.	1528.	234.32
	HYDROGRAPH AT							
+		MEB403	71.	11.92	13.	4.	4.	.55

+		MVP513	0.	.08	0.	0.	0.	.27
	3 COMBINED AT							
+		DP513	7687.	14.50	4382.	1532.	1532.	233.16
	ROUTED TO							
+		RT513	7678.	14.50	4381.	1528.	1528.	233.16
	HYDROGRAPH AT							
+		MEB405	17.	12.08	6.	2.	1.	.82
	HYDROGRAPH AT							
+		MEB407	16.	12.57	6.	3.	3.	.58
	2 COMBINED AT							
+		DP407	28.	12.42	14.	5.	5.	1.71
	ROUTED TO							
+		RT407	28.	12.58	14.	5.	5.	1.71
	HYDROGRAPH AT							
+		MEB409	4.	12.08	2.	1.	1.	.82
	3 COMBINED AT							
+		DP409	7683.	14.50	4396.	1534.	1534.	237.39
	ROUTED TO							
+		RT409	7683.	14.58	4387.	1516.	1516.	237.39
	HYDROGRAPH AT							
+		MEB411	6.	12.50	3.	1.	1.	.84
	HYDROGRAPH AT							
+		MVP515	0.	.08	0.	0.	0.	.47
	3 COMBINED AT							
+		DP515	7659.	14.33	4390.	1517.	1517.	235.71

*** NORMAL END OF REC-1 ***

CHANDRASEN

**MONUMENT CREEK
DRAINAGE BASIN PLANNING STUDY
BASELINE HYDROLOGY
Technical Addendum**

Section VII

**HEC-1 Input and Output
100-Year 24-Hour Storm with Hydromet 52 Rainfall Distribution
Future Condition**

INPUT: HCF100
OUTPUT: OUTF100.DOC

type about100F.DOC
File not found

C:\WORD5\type about100F.DOC

17-X-1K(>>>)C:\HEC\NORMAL.STYPOSTSCRPT@#0P(<<)51

FLOOD HYDROGRAPH PACKAGE HEC-1 (IBM XT 512K VERSION) -FEB 1, 1985
U.S. ARMY CORPS OF ENGINEERS, THE HYDROLOGIC ENGINEERING CENTER, 409 SECOND STREET, DAVIS, CA, 95616

THIS HEC-1 VERSION CONTAINS ALL OPTIONS EXCEPT EDDMOMDS, AND THE NUMBER OF PLANS ARE REDUCED TO 3

HEC-1 INPUT

PAGE 1

LINE	ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10
1	ID HEC-1
2	ID MONUMENT CREEK DRAINAGE BASIN
3	ID KIOWA ENGINEERING CORPORATION JOB NO. 91.04.11
4	ID FUTURE HYDROLOGY 100 YEAR, 24 HOUR
5	ID TYPE II STORM DISTRIBUTION WITH HYDROMET 52 DISTRIBUTION AT 311 DEGREES
6	17 5 0 0 288
7	10 5

*** ** ** ** **

1766 KK
* DP319 *
* *

1768 KO OUTPUT CONTROL VARIABLES
IPRNT 1 PRINT CONTROL
IPLT 0 PLOT CONTROL
QSCAL 0. HYDROGRAPH PLOT SCALE

1769 HO HYDROGRAPH COMBINATION
IDCMP 4 NUMBER OF HYDROGRAPHS TO COMBINE

HYDROGRAPH AT STATION DP319
SUM OF 4 HYDROGRAPHS

DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1	0000	1	29.	1	0600	72	29.	1	1200	145	7438.	1	1800	217	7536.				

1	0015	4	29.	*	1	0615	76	29.	*	1	1215	148	9350.	*	1	1815	220	3432.
1	0020	5	29.	*	1	0620	77	29.	*	1	1220	149	11943.	*	1	1820	221	3393.
1	0025	6	29.	*	1	0625	78	29.	*	1	1225	150	13766.	*	1	1825	222	3354.
1	0030	7	29.	*	1	0630	79	29.	*	1	1230	151	17367.	*	1	1830	223	3315.
1	0035	8	29.	*	1	0635	80	29.	*	1	1235	152	19986.	*	1	1835	224	3277.
1	0040	9	29.	*	1	0640	81	29.	*	1	1240	153	22651.	*	1	1840	225	3241.
1	0045	10	29.	*	1	0645	82	29.	*	1	1245	154	25380.	*	1	1845	226	3207.
1	0050	11	29.	*	1	0650	83	29.	*	1	1250	155	28144.	*	1	1850	227	3174.
1	0055	12	29.	*	1	0655	84	29.	*	1	1255	156	30929.	*	1	1855	228	3142.
1	0100	13	29.	*	1	0700	85	29.	*	1	1300	157	33797.	*	1	1900	229	3111.
1	0105	14	29.	*	1	0705	86	29.	*	1	1305	158	36652.	*	1	1905	230	3080.
1	0110	15	29.	*	1	0710	87	29.	*	1	1310	159	39523.	*	1	1910	231	3051.
1	0115	16	29.	*	1	0715	88	29.	*	1	1315	160	42399.	*	1	1915	232	3023.
1	0120	17	29.	*	1	0720	89	29.	*	1	1320	161	45288.	*	1	1920	233	2997.
1	0125	18	29.	*	1	0725	90	29.	*	1	1325	162	48186.	*	1	1925	234	2971.
1	0130	19	29.	*	1	0730	91	29.	*	1	1330	163	51094.	*	1	1930	235	2947.
1	0135	20	29.	*	1	0735	92	29.	*	1	1335	164	54012.	*	1	1935	236	2924.
1	0140	21	29.	*	1	0740	93	29.	*	1	1340	165	56929.	*	1	1940	237	2900.
1	0145	22	29.	*	1	0745	94	29.	*	1	1345	166	59858.	*	1	1945	238	2875.
1	0150	23	29.	*	1	0750	95	29.	*	1	1350	167	62790.	*	1	1950	239	2848.
1	0155	24	29.	*	1	0755	96	29.	*	1	1355	168	65720.	*	1	1955	240	2819.
1	0200	25	29.	*	1	0800	97	29.	*	1	1400	169	68652.	*	1	2000	241	2789.
1	0205	26	29.	*	1	0805	98	29.	*	1	1405	170	71589.	*	1	2005	242	2749.
1	0210	27	29.	*	1	0810	99	29.	*	1	1410	171	74523.	*	1	2010	243	2720.
1	0215	28	29.	*	1	0815	100	29.	*	1	1415	172	77464.	*	1	2015	244	2691.
1	0220	29	29.	*	1	0820	101	29.	*	1	1420	173	80418.	*	1	2020	245	2662.
1	0225	30	29.	*	1	0825	102	29.	*	1	1425	174	83381.	*	1	2025	246	2634.
1	0230	31	29.	*	1	0830	103	29.	*	1	1430	175	86346.	*	1	2030	247	2606.
1	0235	32	29.	*	1	0835	104	29.	*	1	1435	176	89312.	*	1	2035	248	2579.
1	0240	33	29.	*	1	0840	105	29.	*	1	1440	177	92282.	*	1	2040	249	2553.
1	0245	34	29.	*	1	0845	106	29.	*	1	1445	178	95250.	*	1	2045	250	2528.
1	0250	35	29.	*	1	0850	107	29.	*	1	1450	179	98218.	*	1	2050	251	2504.
1	0255	36	29.	*	1	0855	108	29.	*	1	1455	180	101184.	*	1	2055	252	2480.
1	0300	37	29.	*	1	0900	109	29.	*	1	1500	181	104140.	*	1	2100	253	2456.
1	0305	38	29.	*	1	0905	110	29.	*	1	1505	182	107101.	*	1	2105	254	2433.
1	0310	39	29.	*	1	0910	111	29.	*	1	1510	183	110057.	*	1	2110	255	2410.
1	0315	40	29.	*	1	0915	112	30.	*	1	1515	184	113018.	*	1	2115	256	2388.
1	0320	41	29.	*	1	0920	113	30.	*	1	1520	185	115972.	*	1	2120	257	2367.
1	0325	42	29.	*	1	0925	114	30.	*	1	1525	186	118923.	*	1	2125	258	2346.
1	0330	43	29.	*	1	0930	115	31.	*	1	1530	187	121877.	*	1	2130	259	2325.
1	0335	44	29.	*	1	0935	116	32.	*	1	1535	188	124829.	*	1	2135	260	2306.
1	0340	45	29.	*	1	0940	117	32.	*	1	1540	189	127778.	*	1	2140	261	2287.
1	0345	46	29.	*	1	0945	118	33.	*	1	1545	190	130726.	*	1	2145	262	2269.
1	0350	47	29.	*	1	0950	119	34.	*	1	1550	191	133673.	*	1	2150	263	2252.
1	0355	48	29.	*	1	0955	120	35.	*	1	1555	192	136612.	*	1	2155	264	2235.
1	0400	49	29.	*	1	1000	121	36.	*	1	1600	193	139553.	*	1	2200	265	2220.
1	0405	50	29.	*	1	1005	122	36.	*	1	1605	194	142494.	*	1	2205	266	2203.
1	0410	51	29.	*	1	1010	123	39.	*	1	1610	195	145437.	*	1	2210	267	2187.
1	0415	52	29.	*	1	1015	124	41.	*	1	1615	196	148382.	*	1	2215	268	2179.
1	0420	53	29.	*	1	1020	125	43.	*	1	1620	197	151328.	*	1	2220	269	2167.
1	0425	54	29.	*	1	1025	126	46.	*	1	1625	198	154276.	*	1	2225	270	2155.
1	0430	55	29.	*	1	1030	127	48.	*	1	1630	199	157226.	*	1	2230	271	2143.
1	0435	56	29.	*	1	1035	128	54.	*	1	1635	200	160177.	*	1	2235	272	2135.
1	0440	57	29.	*	1	1040	129	61.	*	1	1640	201	163127.	*	1	2240	273	2127.
1	0445	58	29.	*	1	1045	130	69.	*	1	1645	202	166078.	*	1	2245	274	2119.
1	0450	59	29.	*	1	1050	131	80.	*	1	1650	203	169029.	*	1	2250	275	2111.
1	0455	60	29.	*	1	1055	132	95.	*	1	1655	204	171981.	*	1	2255	276	2103.
1	0500	61	29.	*	1	1100	133	113.	*	1	1700	205	174934.	*	1	2300	277	2095.
1	0505	62	29.	*	1	1105	134	137.	*	1	1705	206	177887.	*	1	2305	278	2083.
1	0510	63	29.	*	1	1110	135	166.	*	1	1710	207	180841.	*	1	2310	279	2086.
1	0515	64	29.	*	1	1115	136	202.	*	1	1715	208	183796.	*	1	2315	280	2084.
1	0520	65	29.	*	1	1120	137	247.	*	1	1720	209	186750.	*	1	2320	281	2080.
1	0525	66	29.	*	1	1125	138	310.	*	1	1725	210	189706.	*	1	2325	282	2077.
1	0530	67	29.	*	1	1130	139	411.	*	1	1730	211	192661.	*	1	2330	283	2074.

STATION	DATE	TIME	PEAK FLOW	TIME	PEAK FLOW	TIME	PEAK FLOW	TIME	PEAK FLOW	TIME	PEAK FLOW	TIME	PEAK FLOW	TIME	PEAK FLOW	TIME	PEAK FLOW	TIME	PEAK FLOW	TIME
1	0545	70	29.	*	1	1145	142	1769.	*	1	1745	214	3678.	*	1	2345	286	2065.		
1	0550	71	29.	*	1	1150	143	3868.	*	1	1750	215	3639.	*	1	2350	287	2058.		
1	0555	72	29.	*	1	1155	144	3360.	*	1	1755	216	3598.	*	1	2355	288	2047.		

PEAK FLOW (CFS)	TIME (HR)	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	23.52-HR
25997.	13.00	10296.	3284.	3284.	3284.
(INCHES)		.840	.814	.814	.814
(FEET)		510.	8492.	8492.	8492.

CUMULATIVE AREA = 149.58 SQ MI

2834 KA

2836 KB
OUTPUT CONTROL VARIABLES
IPRNT 1 PRINT CONTROL
IPLOT 0 PLOT CONTROL
SCALE 0. HYDROGRAPH PLOT SCALE

2837 KC
HYDROGRAPH COMBINATION
IDCMP 3 NUMBER OF HYDROGRAPHS TO COMBINE

HYDROGRAPH AT STATION DF515
SUM OF 3 HYDROGRAPHS

DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1	0000	1	29.	*	1	0600	73	29.	*	1	1200	145	4255.	*	1	1800	217	6378.	
1	0005	2	29.	*	1	0605	74	29.	*	1	1205	146	5844.	*	1	1805	218	6312.	
1	0010	3	29.	*	1	0610	75	29.	*	1	1210	147	13385.	*	1	1810	219	6372.	
1	0015	4	29.	*	1	0615	76	29.	*	1	1215	148	17821.	*	1	1815	220	6144.	
1	0020	5	29.	*	1	0620	77	29.	*	1	1220	149	17980.	*	1	1820	221	6095.	
1	0025	6	29.	*	1	0625	78	29.	*	1	1225	150	19123.	*	1	1825	222	6025.	
1	0030	7	29.	*	1	0630	79	29.	*	1	1230	151	20042.	*	1	1830	223	5958.	
1	0035	8	29.	*	1	0635	80	29.	*	1	1235	152	21144.	*	1	1835	224	5878.	
1	0040	9	29.	*	1	0640	81	29.	*	1	1240	153	22295.	*	1	1840	225	5800.	
1	0045	10	29.	*	1	0645	82	29.	*	1	1245	154	23260.	*	1	1845	226	5727.	
1	0050	11	29.	*	1	0650	83	30.	*	1	1250	155	24084.	*	1	1850	227	5657.	
1	0055	12	29.	*	1	0655	84	30.	*	1	1255	156	25064.	*	1	1855	228	5589.	
1	0100	13	29.	*	1	0700	85	30.	*	1	1300	157	26445.	*	1	1900	229	5519.	
1	0105	14	29.	*	1	0705	86	30.	*	1	1305	158	28156.	*	1	1905	230	5453.	
1	0110	15	29.	*	1	0710	87	30.	*	1	1310	159	29883.	*	1	1910	231	5392.	
1	0115	16	29.	*	1	0715	88	31.	*	1	1315	160	31308.	*	1	1915	232	5335.	
1	0120	17	29.	*	1	0720	89	31.	*	1	1320	161	32269.	*	1	1920	233	5281.	
1	0125	18	29.	*	1	0725	90	31.	*	1	1325	162	32753.	*	1	1925	234	5225.	

1	0140	21	29.	*	1	0740	93	32.	*	1	1340	163	31767.	*	1	1940	237	5085.
1	0145	22	29.	*	1	0745	94	32.	*	1	1345	164	30831.	*	1	1945	238	5040.
1	0150	23	29.	*	1	0750	95	33.	*	1	1350	167	29709.	*	1	1950	239	4974.
1	0155	24	29.	*	1	0755	96	33.	*	1	1355	168	28467.	*	1	1955	240	4943.
1	0200	25	29.	*	1	0800	97	34.	*	1	1400	169	27195.	*	1	2000	241	4891.
1	0205	26	29.	*	1	0805	98	34.	*	1	1405	170	26351.	*	1	2005	242	4842.
1	0210	27	29.	*	1	0810	99	35.	*	1	1410	171	24555.	*	1	2010	243	4776.
1	0215	28	29.	*	1	0815	100	36.	*	1	1415	172	23312.	*	1	2015	244	4749.
1	0220	29	29.	*	1	0820	101	36.	*	1	1420	173	22126.	*	1	2020	245	4702.
1	0225	30	29.	*	1	0825	102	37.	*	1	1425	174	21009.	*	1	2025	246	4633.
1	0230	31	29.	*	1	0830	103	38.	*	1	1430	175	19961.	*	1	2030	247	4567.
1	0235	32	29.	*	1	0835	104	39.	*	1	1435	176	18978.	*	1	2035	248	4535.
1	0240	33	29.	*	1	0840	105	40.	*	1	1440	177	18057.	*	1	2040	249	4510.
1	0245	34	29.	*	1	0845	106	42.	*	1	1445	178	17190.	*	1	2045	250	4482.
1	0250	35	29.	*	1	0850	107	43.	*	1	1450	179	16373.	*	1	2050	251	4417.
1	0255	36	29.	*	1	0855	108	45.	*	1	1455	180	15603.	*	1	2055	252	4381.
1	0300	37	29.	*	1	0900	109	47.	*	1	1500	181	14881.	*	1	2100	253	4317.
1	0305	38	29.	*	1	0905	110	49.	*	1	1505	182	14208.	*	1	2105	254	4270.
1	0310	39	29.	*	1	0910	111	51.	*	1	1510	183	13588.	*	1	2110	255	4224.
1	0315	40	29.	*	1	0915	112	54.	*	1	1515	184	13021.	*	1	2115	256	4181.
1	0320	41	29.	*	1	0920	113	58.	*	1	1520	185	12507.	*	1	2120	257	4136.
1	0325	42	29.	*	1	0925	114	61.	*	1	1525	186	12039.	*	1	2125	258	4097.
1	0330	43	29.	*	1	0930	115	66.	*	1	1530	187	11617.	*	1	2130	259	4060.
1	0335	44	29.	*	1	0935	116	71.	*	1	1535	188	11231.	*	1	2135	260	4023.
1	0340	45	29.	*	1	0940	117	76.	*	1	1540	189	10888.	*	1	2140	261	3988.
1	0345	46	29.	*	1	0945	118	83.	*	1	1545	190	10580.	*	1	2145	262	3954.
1	0350	47	29.	*	1	0950	119	90.	*	1	1550	191	10304.	*	1	2150	263	3922.
1	0355	48	29.	*	1	0955	120	95.	*	1	1555	192	9958.	*	1	2155	264	3891.
1	0400	49	29.	*	1	1000	121	103.	*	1	1600	193	9633.	*	1	2200	265	3861.
1	0405	50	29.	*	1	1005	122	118.	*	1	1605	194	9378.	*	1	2205	266	3832.
1	0410	51	29.	*	1	1010	123	130.	*	1	1610	195	9138.	*	1	2210	267	3804.
1	0415	52	29.	*	1	1015	124	144.	*	1	1615	196	8916.	*	1	2215	268	3777.
1	0420	53	29.	*	1	1020	125	158.	*	1	1620	197	8711.	*	1	2220	269	3750.
1	0425	54	29.	*	1	1025	126	173.	*	1	1625	198	8521.	*	1	2225	270	3725.
1	0430	55	29.	*	1	1030	127	190.	*	1	1630	199	8343.	*	1	2230	271	3700.
1	0435	56	29.	*	1	1035	128	211.	*	1	1635	200	8177.	*	1	2235	272	3676.
1	0440	57	29.	*	1	1040	129	234.	*	1	1640	201	8022.	*	1	2240	273	3654.
1	0445	58	29.	*	1	1045	130	259.	*	1	1645	202	7876.	*	1	2245	274	3632.
1	0450	59	29.	*	1	1050	131	286.	*	1	1650	203	7739.	*	1	2250	275	3610.
1	0455	60	29.	*	1	1055	132	316.	*	1	1655	204	7609.	*	1	2255	276	3590.
1	0500	61	29.	*	1	1100	133	351.	*	1	1700	205	7484.	*	1	2300	277	3571.
1	0505	62	29.	*	1	1105	134	391.	*	1	1705	206	7368.	*	1	2305	278	3552.
1	0510	63	29.	*	1	1110	135	437.	*	1	1710	207	7254.	*	1	2310	279	3533.
1	0515	64	29.	*	1	1115	136	486.	*	1	1715	208	7147.	*	1	2315	280	3515.
1	0520	65	29.	*	1	1120	137	548.	*	1	1720	209	7043.	*	1	2320	281	3497.
1	0525	66	29.	*	1	1125	138	603.	*	1	1725	210	6947.	*	1	2325	282	3478.
1	0530	67	29.	*	1	1130	139	739.	*	1	1730	211	6854.	*	1	2330	283	3460.
1	0535	68	29.	*	1	1135	140	850.	*	1	1735	212	6769.	*	1	2335	284	3441.
1	0540	69	29.	*	1	1140	141	1055.	*	1	1740	213	6681.	*	1	2340	285	3423.
1	0545	70	29.	*	1	1145	142	1279.	*	1	1745	214	6593.	*	1	2345	286	3404.
1	0550	71	29.	*	1	1150	143	1698.	*	1	1750	215	6501.	*	1	2350	287	3384.
1	0555	72	29.	*	1	1155	144	2248.	*	1	1755	216	6415.	*	1	2355	288	3363.

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW				
		6-HR	24-HR	72-HR	17.52-HR	
+	(CFS)					
	(HR)					
	(CFS)					
+	32793.	13.50	16134.	5233.	5193.	3263.
	(INCHES)		.629	.816	.816	.816
	(AC-FT)		8010.	10382.	10382.	10382.

CUMULATIVE AREA = 238.71 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									
+		IC001	407.	12.08	85.	26.	26.	.87		
+	ROUTED TO									
+		RT01	403.	12.17	86.	26.	26.	.87		
+	HYDROGRAPH AT									
+		IC002	431.	12.25	110.	34.	34.	1.12		
+	2 COMBINED AT									
+		DP03	825.	12.17	195.	60.	60.	1.95		
+	ROUTED TO									
+		RT02	816.	12.25	195.	60.	60.	1.99		
+	HYDROGRAPH AT									
+		IC005	655.	11.52	103.	32.	32.	1.07		
+	2 COMBINED AT									
+		DP05	1267.	12.05	300.	92.	92.	3.08		
+	ROUTED TO									
+		RT05	1240.	12.05	300.	91.	91.	3.05		
+	HYDROGRAPH AT									
+		IC007	650.	12.00	115.	35.	35.	1.17		
+	2 COMBINED AT									
+		DP07	1803.	12.08	414.	127.	127.	4.12		
+	ROUTED TO									
+		RT07	1815.	12.08	413.	123.	123.	4.22		
+	HYDROGRAPH AT									
+		IC009	620.	11.83	91.	28.	28.	1.05		
+	2 COMBINED AT									
+		DP09	2179.	12.08	505.	154.	154.	5.27		
+	ROUTED TO									
+		RT09	2165.	12.08	506.	154.	154.	5.27		
+	HYDROGRAPH AT									
+		NPC13	450.	12.08	94.	29.	29.	.87		
+	HYDROGRAPH AT									
+		NPC15	452.	12.00	91.	28.	28.	.84		
+	2 COMBINED AT									
+		DP15	915.	12.00	185.	56.	56.	1.71		
+	ROUTED TO									
+		RT15	915.	12.08	185.	57.	57.	1.71		
+	HYDROGRAPH AT									
+		NPC17	702.	12.00	131.	40.	40.	1.21		

+		DP17	1588.	12.08	317.	97.	97.	2.92
	ROUTED TO							
+		RT17	1546.	12.17	316.	96.	96.	2.92
	HYDROGRAPH AT							
+		NMC19	538.	11.92	86.	26.	26.	.88
	ROUTED TO							
+		RT19	532.	12.00	86.	26.	26.	.88
	HYDROGRAPH AT							
+		NMC21	511.	12.00	92.	28.	28.	.88
	ROUTED TO							
+		RT21	499.	12.08	92.	28.	28.	.88
	HYDROGRAPH AT							
+		NMC23	606.	11.92	139.	42.	42.	1.35
	4 COMBINED AT							
+		DP25	3074.	12.08	632.	193.	193.	5.92
	ROUTED TO							
+		RT25	3073.	12.25	637.	194.	194.	5.92
	HYDROGRAPH AT							
+		NMC26	651.	11.92	98.	30.	30.	.99
	HYDROGRAPH AT							
+		NMC27	620.	12.00	122.	37.	37.	1.24
	3 COMBINED AT							
+		DP28	4095.	12.08	857.	261.	261.	8.16
	ROUTED TO							
+		RT28	4102.	12.25	873.	261.	261.	8.16
	HYDROGRAPH AT							
+		NMC29	395.	11.83	88.	18.	18.	.59
	2 COMBINED AT							
+		DP29	4243.	12.25	923.	279.	279.	8.75
	ROUTED TO							
+		RT29	4239.	12.25	923.	279.	279.	8.75
	HYDROGRAPH AT							
+		IDD11	489.	12.08	103.	31.	31.	1.19
	3 COMBINED AT							
+		DP11	6685.	12.17	1629.	464.	464.	15.21
	ROUTED TO							
+		RT11	6680.	12.25	1629.	464.	464.	15.21
	HYDROGRAPH AT							
+		MC33	697.	12.08	152.	46.	46.	1.40
	HYDROGRAPH AT							
+		MC35	345.	11.92	65.	17.	17.	.46
	2 COMBINED AT							
+		DP35	970.	12.00	206.	63.	63.	1.36

+		RT35	559.	12.08	266.	53.	53.	1.56
	HYDROGRAPH AT							
+		MC37	636.	12.00	112.	34.	34.	1.04
	HYDROGRAPH AT							
+		MC39	284.	11.92	49.	15.	15.	.41
	3 COMBINED AT							
+		DP39	1805.	12.00	367.	112.	112.	3.31
	ROUTED TO							
+		RT39	1796.	12.08	367.	112.	112.	3.31
	HYDROGRAPH AT							
+		MC41	635.	12.00	117.	36.	36.	1.08
	2 COMBINED AT							
+		DP41	2397.	12.08	484.	148.	148.	4.39
	ROUTED TO							
+		RT41	2366.	12.08	483.	148.	148.	4.39
	HYDROGRAPH AT							
+		MC43	918.	11.92	149.	46.	46.	1.38
	2 COMBINED AT							
+		DP43	3091.	12.08	633.	193.	193.	5.77
	ROUTED TO							
+		RT43	3031.	12.08	635.	193.	193.	5.77
	HYDROGRAPH AT							
+		MC45	544.	11.92	84.	26.	26.	.86
	2 COMBINED AT							
+		DP45	3419.	12.08	719.	219.	219.	6.63
	ROUTED TO							
+		RT45	3369.	12.17	721.	219.	219.	6.63
	HYDROGRAPH AT							
+		NMC31	419.	11.92	66.	20.	20.	.69
	HYDROGRAPH AT							
+		MC47	251.	11.83	36.	11.	11.	.68
	4 COMBINED AT							
+		DP47	10160.	12.25	2350.	714.	714.	23.21
	ROUTED TO							
+		RT47	10028.	12.25	2351.	713.	713.	23.21
	HYDROGRAPH AT							
-		FL49	100.	11.83	14.	4.	4.	.31
	2 COMBINED AT							
+		DP49	10116.	12.25	2364.	718.	718.	23.52
	ROUTED TO							
+		RT49	10031.	12.25	2364.	717.	717.	23.52
	HYDROGRAPH AT							
+		RM31	302.	11.83	42.	13.	13.	.98

+		DP51	10127.	12.25	2406.	731.	731.	24.50
	ROUTED TO							
+		RT51	10034.	12.33	2406.	729.	729.	24.50
	HYDROGRAPH AT							
+		PL53	265.	11.83	42.	13.	13.	.95
	2 COMBINED AT							
+		DP53	10115.	12.33	2447.	742.	742.	25.45
	ROUTED TO							
+		RT53	10055.	12.33	2447.	741.	741.	25.45
	HYDROGRAPH AT							
+		RM55	221.	11.92	41.	13.	13.	1.07
	2 COMBINED AT							
+		DP55	10149.	12.33	2455.	754.	754.	26.52
	ROUTED TO							
+		RT55	10030.	12.33	2455.	753.	753.	26.52
	HYDROGRAPH AT							
+		PL57	277.	12.17	70.	22.	22.	1.48
	2 COMBINED AT							
+		DP57	10278.	12.33	2558.	776.	776.	28.00
	ROUTED TO							
+		RT57	10230.	12.42	2545.	769.	769.	28.00
	HYDROGRAPH AT							
+		RM59	79.	12.08	18.	6.	6.	.37
	HYDROGRAPH AT							
+		PL61	163.	12.17	43.	14.	14.	.91
	HYDROGRAPH AT							
+		PL63	121.	12.25	36.	12.	12.	.99
	4 COMBINED AT							
+		DP59	10533.	12.42	2640.	800.	800.	30.27
	ROUTED TO							
+		RT59	10427.	12.42	2641.	800.	800.	30.27
	HYDROGRAPH AT							
+		DWC79	91.	12.00	19.	6.	6.	.50
	ROUTED TO							
+		RT79	55.	12.17	18.	6.	6.	.50
	HYDROGRAPH AT							
+		DWC81	61.	12.50	22.	7.	7.	.61
	2 COMBINED AT							
+		DP81	132.	12.17	41.	13.	13.	1.16
	ROUTED TO							
+		RT81	131.	12.25	40.	13.	13.	1.16
	HYDROGRAPH AT							
+		DWC83	65.	12.33	21.	7.	7.	.61

+		DWC85	40.	12.25	12.	4.	4.	.36
	HYDROGRAPH AT							
+		DWC87	69.	12.33	22.	7.	7.	.66
	HYDROGRAPH AT							
+		DWC89	45.	12.25	14.	5.	5.	.45
	4 COMBINED AT							
+		DP89	218.	12.33	69.	23.	23.	2.36
	ROUTED TO							
+		RT89	209.	12.50	46.	12.	22.	2.08
	HYDROGRAPH AT							
+		DWC91	37.	12.25	19.	8.	9.	.78
	3 COMBINED AT							
+		DP91	418.	12.42	137.	45.	45.	4.32
	ROUTED TO							
+		RT91	418.	12.42	137.	45.	45.	4.02
	HYDROGRAPH AT							
+		DWC93	71.	12.50	22.	7.	7.	.82
	2 COMBINED AT							
+		DP93	485.	12.42	155.	52.	52.	4.54
	ROUTED TO							
+		RT93	475.	12.50	157.	51.	51.	4.54
	HYDROGRAPH AT							
+		DWC95	155.	12.08	32.	10.	10.	.96
	3 COMBINED AT							
+		DP95	10981.	12.42	2628.	861.	861.	35.47
	ROUTED TO							
+		RT95	10927.	12.50	2536.	861.	861.	33.17
	HYDROGRAPH AT							
+		MR73	133.	12.00	25.	8.	8.	.53
	2 COMBINED AT							
+		DP73	10978.	12.50	2858.	869.	869.	36.00
	ROUTED TO							
+		RT73	10967.	12.50	2858.	869.	869.	35.00
	HYDROGRAPH AT							
+		MR65	140.	12.00	38.	12.	12.	.75
	ROUTED TO							
+		RT65	138.	12.17	37.	12.	12.	.75
	HYDROGRAPH AT							
+		MR67	274.	12.08	55.	17.	17.	.72
	HYDROGRAPH AT							
+		MR71	258.	11.92	47.	15.	15.	.96
	ROUTED TO							
+		RT71	256.	12.00	46.	15.	15.	.96

+		RT69	169.	12.08	37.	12.	12.	.72
	ROUTED TO							
+		RT69	164.	12.17	37.	12.	12.	.72
	5 COMBINED AT							
+		DP67	11401.	12.50	3022.	923.	923.	39.48
	ROUTED TO							
+		RT67	11363.	12.50	3021.	924.	924.	39.48
	HYDROGRAPH AT							
+		RT75	101.	11.92	18.	8.	8.	.52
	2 COMBINED AT							
+		DP75	11394.	12.50	3035.	926.	929.	39.49
	ROUTED TO							
+		RT75	11375.	12.55	3038.	926.	926.	39.49
	HYDROGRAPH AT							
+		RT77	80.	11.92	14.	4.	4.	.24
	HYDROGRAPH AT							
+		DP97	96.	12.00	18.	8.	8.	.25
	HYDROGRAPH AT							
+		TC99	89.	12.08	17.	5.	5.	.47
	ROUTED TO							
+		RT99	89.	12.08	17.	5.	5.	.47
	HYDROGRAPH AT							
+		TC101	117.	12.00	26.	9.	9.	.74
	2 COMBINED AT							
+		DP101	130.	12.08	43.	14.	14.	1.21
	ROUTED TO							
+		RT101	130.	12.08	43.	14.	14.	1.21
	HYDROGRAPH AT							
+		TC103	25.	12.25	7.	2.	2.	.21
	2 COMBINED AT							
+		DP103	203.	12.08	50.	16.	16.	1.42
	ROUTED TO							
+		RT103	174.	12.17	49.	16.	16.	1.42
	HYDROGRAPH AT							
+		TC105	137.	12.25	49.	16.	16.	.85
	5 COMBINED AT							
+		DP97	11351.	12.38	3155.	967.	967.	42.22
	ROUTED TO							
+		RT97	11393.	12.37	3162.	968.	968.	42.22
	HYDROGRAPH AT							
+		TC107	108.	12.00	23.	7.	7.	.44
	2 COMBINED AT							
+		DP107	11635.	12.67	3156.	972.	972.	42.66

+		RT107	11577.	12.67	3182.	971.	971.	42.66
	HYDROGRAPH AT							
+		EB109	694.	12.00	134.	41.	41.	1.24
	ROUTED TO							
+		RT109	666.	12.17	134.	41.	41.	1.24
	HYDROGRAPH AT							
+		EB111	484.	12.00	89.	27.	27.	.75
	HYDROGRAPH AT							
+		EB113	475.	12.08	105.	32.	32.	.98
	ROUTED TO							
+		RT113	474.	12.17	105.	32.	32.	.98
	HYDROGRAPH AT							
+		EB115	430.	12.08	71.	23.	25.	.85
	4 COMBINED AT							
+		EP111	2012.	12.08	419.	128.	128.	3.81
	ROUTED TO							
+		RT111	1955.	12.17	420.	128.	128.	3.81
	HYDROGRAPH AT							
+		EB117	317.	12.00	56.	17.	17.	.47
	HYDROGRAPH AT							
+		SBC119	372.	12.42	117.	37.	37.	1.83
	ROUTED TO							
+		RT119	371.	12.50	117.	36.	36.	1.83
	HYDROGRAPH AT							
+		SBC121	551.	12.08	120.	37.	37.	1.11
	2 COMBINED AT							
+		EP121	821.	12.25	235.	73.	73.	2.94
	ROUTED TO							
+		RT121	814.	12.25	235.	73.	73.	2.94
	HYDROGRAPH AT							
+		SBC123	438.	12.08	98.	30.	30.	.90
	2 COMBINED AT							
+		EP123	1227.	12.25	303.	103.	103.	3.85
	ROUTED TO							
+		RT123	1214.	12.25	302.	102.	102.	3.85
	HYDROGRAPH AT							
+		SBC125	222.	12.17	50.	15.	15.	.46
	HYDROGRAPH AT							
+		SBC127	396.	12.00	75.	23.	23.	.65
	3 COMBINED AT							
+		EP127	1711.	12.25	455.	140.	140.	5.00
	ROUTED TO							
+		RT127	1707.	12.25	457.	140.	140.	5.00

+		SBC1129	403.	12.17	92.	23.	23.	.85
	4 COMBINED AT							
+		DP117	4236.	12.17	1024.	313.	313.	10.13
	ROUTED TO							
+		RT117	4195.	12.17	1024.	313.	313.	10.13
	HYDROGRAPH AT							
+		SBC131	462.	12.00	52.	25.	25.	.85
	2 COMBINED AT							
+		DP131	4533.	12.17	1103.	333.	333.	10.82
	ROUTED TO							
+		RT131	4501.	12.23	1103.	333.	333.	10.82
	HYDROGRAPH AT							
+		SBC133	546.	11.92	56.	26.	26.	.72
	2 COMBINED AT							
+		DP133	4757.	12.17	1190.	364.	364.	11.55
	ROUTED TO							
+		RT133	4768.	12.23	1190.	364.	364.	11.55
	HYDROGRAPH AT							
+		SBC135	686.	11.92	101.	31.	31.	.85
	HYDROGRAPH AT							
+		SBC137	904.	11.53	121.	38.	38.	1.03
	ROUTED TO							
+		RT137	844.	11.92	122.	37.	37.	1.03
	HYDROGRAPH AT							
+		SBC139	913.	12.00	164.	50.	50.	1.24
	4 COMBINED AT							
+		DP139	6220.	12.17	1374.	482.	482.	14.57
	ROUTED TO							
+		RT139	6214.	12.17	1374.	481.	481.	14.57
	HYDROGRAPH AT							
+		SBC141	820.	11.83	120.	37.	37.	.91
	2 COMBINED AT							
+		DP141	6561.	12.17	1592.	518.	518.	15.58
	ROUTED TO							
+		RT141	6533.	12.17	1593.	517.	517.	15.58
	HYDROGRAPH AT							
+		SBC143	878.	11.92	91.	28.	28.	1.25
	HYDROGRAPH AT							
+		SBC145	656.	11.92	99.	31.	31.	.58
	3 COMBINED AT							
+		DP143	7156.	12.17	1879.	576.	576.	17.41
	ROUTED TO							
+		RT143	7132.	12.17	1879.	576.	576.	17.41

+		NBC147	865.	12.00	133.	47.	47.	1.29
	ROUTED TO							
+		RT147	858.	12.00	133.	47.	47.	1.29
	HYDROGRAPH AT							
+		NBC149	466.	11.92	73.	22.	22.	.62
	2 COMBINED AT							
+		DP149	1283.	12.00	226.	69.	69.	1.90
	ROUTED TO							
+		RT149	1275.	12.00	226.	69.	69.	1.90
	HYDROGRAPH AT							
+		NBC151	674.	11.83	83.	26.	26.	.77
	2 COMBINED AT							
+		DP151	1751.	11.92	309.	96.	96.	2.67
	ROUTED TO							
+		RT151	1738.	12.00	310.	94.	94.	2.67
	HYDROGRAPH AT							
+		NBC153	443.	11.92	76.	23.	23.	1.04
	2 COMBINED AT							
+		DP153	9086.	12.08	2263.	694.	694.	21.12
	ROUTED TO							
+		RT153	8808.	12.17	2256.	688.	688.	21.12
	HYDROGRAPH AT							
+		NBC155	209.	12.08	49.	16.	16.	1.03
	2 COMBINED AT							
+		DP155	350.	11.92	85.	26.	26.	.72
	ROUTED TO							
+		RT155	314.	12.00	85.	26.	26.	.72
	HYDROGRAPH AT							
+		NBC157	478.	12.00	84.	26.	26.	.64
	2 COMBINED AT							
+		DP159	992.	12.00	169.	52.	52.	1.38
	ROUTED TO							
+		RT159	963.	12.08	169.	52.	52.	1.75
	HYDROGRAPH AT							
+		NBC161	501.	11.92	76.	23.	23.	.73
	2 COMBINED AT							
+		DP161	1366.	11.00	345.	76.	76.	2.08
	ROUTED TO							
+		RT161	1329.	12.03	345.	74.	74.	2.08
	HYDROGRAPH AT							
+		NBC163	244.	11.92	41.	13.	13.	.73
	2 COMBINED AT							
+		DP163	1495.	12.03	286.	87.	87.	2.81

+		RT153	1483.	12.08	288.	87.	87.	2.81
+	HYDROGRAPH AT							
+		HYC155	93.	12.00	21.	7.	7.	.44
+	4 COMBINED AT							
+		DP155	10537.	12.17	2811.	795.	795.	23.41
+	ROUTED TO							
+		RT155	10429.	12.17	2811.	794.	794.	23.41
+	HYDROGRAPH AT							
+		BC159	284.	12.08	79.	13.	13.	.77
+	HYDROGRAPH AT							
+		HYC157	177.	12.00	36.	11.	11.	.60
+	4 COMBINED AT							
+		DP157	17915.	12.58	5812.	1790.	1790.	49.43
+	ROUTED TO							
+		RT157	18912.	12.67	5814.	1783.	1783.	49.43
+	HYDROGRAPH AT							
+		BC173	170.	11.30	32.	10.	10.	1.01
+	ROUTED TO							
+		RT173	169.	12.00	32.	10.	10.	1.01
+	HYDROGRAPH AT							
+		BC175	211.	12.00	43.	14.	14.	1.15
+	2 COMBINED AT							
+		DP175	373.	12.00	78.	25.	25.	2.17
+	ROUTED TO							
+		RT175	373.	12.17	75.	24.	24.	2.17
+	HYDROGRAPH AT							
+		BC177	215.	12.17	87.	19.	19.	1.40
+	2 COMBINED AT							
+		DP177	553.	12.17	132.	43.	43.	3.57
+	ROUTED TO							
+		RT177	537.	12.25	132.	43.	43.	3.57
+	HYDROGRAPH AT							
+		BC179	113.	12.17	30.	10.	10.	.73
+	2 COMBINED AT							
+		DP179	848.	12.25	181.	53.	53.	4.30
+	ROUTED TO							
+		RT179	843.	12.25	182.	53.	53.	4.30
+	HYDROGRAPH AT							
+		BC181	43.	12.08	10.	3.	3.	.15
+	HYDROGRAPH AT							
+		BC180	109.	12.33	33.	11.	11.	.83
+	4 COMBINED AT							
+		DP181	19457.	12.58	6019.	1849.	1849.	74.54

+		RT181	19421.	12.67	6018.	1848.	1848.	74.54
	HYDROGRAPH AT							
+		BD171	102.	11.92	19.	6.	6.	.39
	HYDROGRAPH AT							
+		JD182	88.	11.92	18.	5.	5.	.24
	3 COMBINED AT							
+		BP171	19471.	12.67	6047.	1858.	1858.	75.17
	ROUTED TO							
+		RT171	19460.	12.67	6047.	1857.	1857.	75.17
	HYDROGRAPH AT							
-		JV183	303.	12.96	79.	25.	25.	1.15
	HYDROGRAPH AT							
+		JV185	292.	11.92	49.	15.	15.	.71
	2 COMBINED AT							
+		DP185	635.	12.00	125.	40.	40.	1.86
	ROUTED TO							
+		RT185	597.	12.08	125.	39.	39.	1.86
	HYDROGRAPH AT							
+		JV187	222.	12.33	65.	21.	21.	1.09
	3 COMBINED AT							
+		BP187	19390.	12.67	6235.	1917.	1917.	73.12
	ROUTED TO							
+		RT187	19367.	12.67	6174.	1915.	1915.	73.12
	HYDROGRAPH AT							
+		BP191	31.	12.08	20.	7.	7.	.37
	ROUTED TO							
+		RT191	77.	12.17	20.	7.	7.	.37
	HYDROGRAPH AT							
+		BP193	166.	12.00	58.	12.	12.	.63
	2 COMBINED AT							
+		DP193	247.	12.08	57.	19.	19.	1.40
	ROUTED TO							
+		RT193	247.	12.08	58.	19.	19.	1.40
	HYDROGRAPH AT							
+		BP195	141.	12.00	44.	14.	14.	.60
	2 COMBINED AT							
+		DP195	412.	12.08	101.	32.	32.	2.90
	ROUTED TO							
+		RT195	455.	12.08	101.	32.	32.	2.90
	HYDROGRAPH AT							
+		BP197	133.	12.17	33.	10.	10.	.52
	3 COMBINED AT							
+		DP197	20137.	12.67	6363.	1957.	1957.	80.64

+		RT197	19992.	12.67	6384.	1950.	1950.	80.64
	HYDROGRAPH AT							
+		BF199	252.	11.92	40.	12.	12.	.62
	2 COMBINED AT							
+		DP199	20043.	12.67	6383.	1962.	1962.	81.26
	ROUTED TO							
+		RT199	20032.	12.75	6398.	1960.	1960.	81.26
	HYDROGRAPH AT							
+		BF200	186.	10.50	31.	15.	16.	.76
	2 COMBINED AT							
+		DP200	20169.	12.75	6446.	1976.	1976.	82.02
	ROUTED TO							
+		RT200	20145.	12.75	6446.	1976.	1976.	82.02
	HYDROGRAPH AT							
+		BC215	119.	12.17	33.	11.	11.	1.03
	HYDROGRAPH AT							
-		BC217	70.	12.17	22.	7.	7.	.83
	2 COMBINED AT							
+		DP217	189.	12.17	55.	18.	18.	1.86
	ROUTED TO							
-		RT217	186.	12.25	54.	18.	18.	1.86
	HYDROGRAPH AT							
+		BC215	193.	12.17	47.	15.	15.	.98
	HYDROGRAPH AT							
-		BC218	131.	12.17	31.	10.	10.	.51
	3 COMBINED AT							
+		DP218	309.	12.17	131.	42.	42.	3.25
	ROUTED TO							
+		RT218	497.	12.25	131.	42.	42.	3.25
	HYDROGRAPH AT							
+		BC221	206.	12.25	57.	18.	18.	.95
	2 COMBINED AT							
-		DP221	704.	12.25	187.	60.	60.	4.20
	ROUTED TO							
+		RT221	674.	12.42	188.	59.	59.	4.20
	HYDROGRAPH AT							
+		BC223	237.	12.17	59.	19.	17.	.88
	2 COMBINED AT							
-		DP223	584.	12.33	243.	78.	78.	5.07
	ROUTED TO							
+		RT223	880.	12.42	243.	78.	78.	5.07
	HYDROGRAPH AT							
+		BC225	62.	12.17	17.	5.	5.	.37

+		DP223	20826.	12.75	6702.	2058.	2058.	87.47
	ROUTED TO							
+		RT223	20710.	12.75	6700.	2058.	2058.	87.47
	HYDROGRAPH AT							
+		DMC201	918.	11.92	147.	45.	45.	1.16
	ROUTED TO							
+		RT201	899.	12.00	147.	45.	45.	1.16
	HYDROGRAPH AT							
+		DMC203	667.	11.92	72.	20.	20.	.77
	2 COMBINED AT							
+		DP203	1315.	11.92	115.	67.	67.	1.63
	ROUTED TO							
+		RT203	1301.	12.00	115.	67.	67.	1.63
	HYDROGRAPH AT							
+		DMC205	475.	11.92	82.	26.	26.	1.19
	HYDROGRAPH AT							
+		DMC206	327.	12.00	66.	20.	20.	.71
	3 COMBINED AT							
+		DP205	2072.	12.00	366.	113.	113.	3.63
	ROUTED TO							
+		RT205	2045.	12.05	369.	113.	113.	3.63
	HYDROGRAPH AT							
+		DMC207	275.	12.00	55.	19.	19.	.81
	2 COMBINED AT							
+		DP207	2334.	12.08	428.	132.	132.	4.64
	ROUTED TO							
+		RT207	2290.	12.08	425.	131.	131.	4.64
	HYDROGRAPH AT							
+		DMC209	153.	12.00	31.	10.	10.	.75
	HYDROGRAPH AT							
+		SV189	332.	11.92	62.	20.	20.	1.10
	4 COMBINED AT							
+		DP189	21558.	12.75	7195.	2215.	2215.	83.75
	ROUTED TO							
+		RT189	21506.	12.85	7151.	2207.	2207.	83.75
	HYDROGRAPH AT							
+		DMC211	317.	12.53	97.	31.	31.	1.54
	HYDROGRAPH AT							
+		XB225	237.	12.17	57.	18.	18.	.95
	ROUTED TO							
+		RT225	236.	12.17	57.	18.	18.	.95
	HYDROGRAPH AT							
+		XB227	165.	11.92	30.	9.	9.	.43

+		DP227	343.	12.08	86.	27.	27.	1.38
+	ROUTED TO							
+		RT227	337.	12.17	86.	27.	27.	1.38
+	HYDROGRAPH AT							
+		MB228	113.	11.92	19.	6.	6.	.24
+	HYDROGRAPH AT							
+		MB229	132.	12.08	30.	9.	9.	.44
+	ROUTED TO							
+		RT229	126.	12.25	30.	9.	9.	.44
+	HYDROGRAPH AT							
+		MB230	124.	12.17	31.	10.	10.	.45
+	4 COMBINED AT							
+		DP230	646.	12.17	164.	51.	51.	2.62
+	ROUTED TO							
+		RT230	641.	12.25	164.	51.	51.	2.62
+	HYDROGRAPH AT							
+		MB231	373.	12.08	79.	25.	25.	1.07
+	HYDROGRAPH AT							
+		MB232	111.	11.92	19.	6.	6.	.24
+	3 COMBINED AT							
+		DP211	22183.	12.83	7483.	2320.	2320.	99.16
+	ROUTED TO							
+		RT211	22064.	12.83	7484.	2315.	2315.	99.16
+	HYDROGRAPH AT							
+		LR235	755.	12.08	153.	47.	47.	1.22
+	ROUTED TO							
+		RT235	744.	12.08	153.	47.	47.	1.22
+	HYDROGRAPH AT							
+		LR237	547.	11.92	91.	25.	25.	.97
+	HYDROGRAPH AT							
+		LR239	387.	11.83	80.	16.	16.	.72
+	ROUTED TO							
+		RT239	378.	11.92	81.	16.	16.	.72
+	3 COMBINED AT							
+		DP237	1485.	12.00	285.	90.	90.	2.91
+	ROUTED TO							
+		RT237	1446.	12.05	284.	90.	90.	2.91
+	HYDROGRAPH AT							
+		LR241	334.	12.08	76.	24.	24.	1.11
+	11 COMBINED AT							
+		DP241	1780.	12.08	370.	114.	114.	4.03
+	ROUTED TO							
+		RT241	1750.	12.17	370.	113.	113.	4.03

+		LR243	219.	12.06	48.	15.	15.	.71
		HYDROGRAPH AT						
+		MT233	519.	12.17	122.	38.	38.	1.47
		4 COMBINED AT						
+		DP243	23624.	12.83	7588.	2451.	2451.	103.37
		ROUTED TO						
+		RT243	22677.	12.92	7963.	2476.	2476.	103.37
		HYDROGRAPH AT						
+		BSC246	156.	11.92	39.	10.	10.	1.92
		ROUTED TO						
+		RT246	144.	12.00	39.	10.	10.	1.92
		HYDROGRAPH AT						
+		BSC247	52.	12.00	15.	5.	5.	.63
		HYDROGRAPH AT						
+		BSC248	156.	12.25	48.	15.	15.	1.52
		3 COMBINED AT						
+		DP248	338.	12.08	96.	32.	32.	3.17
		ROUTED TO						
+		RT248	336.	12.17	97.	32.	32.	3.17
		HYDROGRAPH AT						
+		BSC249	67.	12.00	15.	5.	5.	.39
		HYDROGRAPH AT						
+		BSC250	275.	12.17	55.	25.	25.	3.36
		ROUTED TO						
+		RT250	267.	12.33	55.	25.	25.	3.36
		HYDROGRAPH AT						
+		BSC251	164.	12.08	40.	13.	13.	1.25
		4 COMBINED AT						
+		DP251	765.	12.17	235.	77.	75.	5.17
		ROUTED TO						
+		RT251	739.	12.33	233.	75.	72.	5.17
		HYDROGRAPH AT						
+		BSC252	170.	12.00	56.	12.	12.	.95
		2 COMBINED AT						
+		DP252	538.	12.25	217.	60.	60.	5.13
		ROUTED TO						
+		RT252	502.	12.13	214.	54.	54.	5.13
		HYDROGRAPH AT						
+		BSC253	429.	11.92	69.	21.	21.	.89
		2 COMBINED AT						
+		DP253	655.	12.08	365.	106.	106.	10.01
		ROUTED TO						
+		RT253	550.	12.25	289.	97.	97.	10.01

+		BSC254	375.	12.17	90.	28.	28.	1.09
	3 COMBINED AT							
+		DP254	23063.	12.92	9325.	2601.	2601.	116.47
	ROUTED TO							
+		RT254	23056.	12.92	9337.	2593.	2593.	116.47
	HYDROGRAPH AT							
+		LR245	193.	12.00	20.	8.	8.	.29
	HYDROGRAPH AT							
+		DV254	208.	12.90	41.	17.	13.	.59
	ROUTED TO							
+		RT254	194.	12.17	40.	13.	13.	.39
	HYDROGRAPH AT							
+		DV253	260.	11.41	39.	28.	23.	1.32
	HYDROGRAPH AT							
+		DV257	138.	12.09	30.	9.	9.	.44
	3 COMBINED AT							
+		DP253	534.	12.17	139.	50.	50.	2.35
	ROUTED TO							
+		RT253	547.	12.33	139.	50.	50.	2.35
	HYDROGRAPH AT							
+		DV255	302.	12.00	63.	20.	20.	1.05
	4 COMBINED AT							
+		DP143	23490.	12.92	8334.	2669.	2669.	120.15
	ROUTED TO							
+		RT245	23395.	12.92	8333.	2665.	2665.	120.15
	HYDROGRAPH AT							
+		ELK255	157.	12.57	62.	20.	20.	1.33
	2 COMBINED AT							
+		DP255	23537.	12.92	8613.	2685.	2685.	121.49
	ROUTED TO							
+		RT255	23510.	13.00	8607.	2680.	2680.	121.49
	HYDROGRAPH AT							
+		ELK257	2.	17.67	2.	1.	1.	.81
	ROUTED TO							
+		RT257	2.	17.72	2.	1.	1.	.81
	HYDROGRAPH AT							
+		ELK259	11.	12.50	11.	4.	4.	.60
	HYDROGRAPH AT							
+		DV259	265.	12.00	50.	16.	16.	.73
	4 COMBINED AT							
+		DP259	23583.	13.00	8633.	2701.	2701.	123.62
	ROUTED TO							
+		RT259	23514.	13.00	8627.	2680.	2680.	123.62

		DP271	278.	12.08	85.	20.	20.	1.08		
+	Z COMBINED AT									
+		DP349	23593.	13.00	8673.	2700.	2700.	124.70		
	ROUTED TO									
+		RT349	23530.	13.08	8678.	2698.	2693.	124.70		
	HYDROGRAPH AT									
+		WMC273	100.	12.08	25.	8.	5.	.79		
	HYDROGRAPH AT									
+		WMC275	266.	12.25	57.	21.	21.	.92		
	HYDROGRAPH AT									
+		WMC277	436.	12.00	77.	24.	24.	.93		
	HYDROGRAPH AT									
+		WMC279	337.	11.83	49.	15.	15.	.49		
	HYDROGRAPH AT									
+		WMC281	295.	11.92	48.	15.	15.	.49		
	HYDROGRAPH AT									
+		WMC283	618.	12.50	197.	69.	69.	.92		
	HYDROGRAPH AT									
+		WMC285	904.	11.83	132.	41.	41.	1.22		
	7 COMBINED AT									
+		DP283	2465.	11.92	390.	192.	192.	3.56		
	ROUTED TO									
+		RE283	29.	.08	29.	29.	29.	3.56	8999.12	23.83
+										
	ROUTED TO									
+		RT283	29.	.08	29.	29.	29.	3.56		
	HYDROGRAPH AT									
+		WMC287	372.	11.92	60.	18.	18.	.67		
	ROUTED TO									
+		RT287	366.	12.00	60.	18.	18.	.69		
	HYDROGRAPH AT									
+		WMC289	523.	12.00	95.	29.	29.	.75		
	HYDROGRAPH AT									
+		WMC290	327.	12.00	62.	19.	19.	.67		
	HYDROGRAPH AT									
+		WMC295	743.	12.00	134.	41.	41.	1.31		
	8 COMBINED AT									
+		DP295	1938.	12.00	379.	136.	136.	9.14		
	ROUTED TO									
+		RT295	1943.	12.00	379.	136.	136.	9.14		
	HYDROGRAPH AT									
+		WMC293	645.	11.92	93.	28.	28.	1.00		
	2 COMBINED AT									
+		DP297	2157.	12.00	170.	115.	115.	6.11		

+	ROUTED TO	RT293	2434.	12.08	473.	165.	165.	10.14
+	HYDROGRAPH AT	WMC299	691.	11.83	83.	26.	26.	.77
+	HYDROGRAPH AT	WMC301	513.	12.00	92.	28.	28.	.93
+	3 COMBINED AT	DP301	3137.	12.00	647.	218.	218.	11.84
+	ROUTED TO	RT301	3126.	12.08	647.	218.	218.	11.84
+	HYDROGRAPH AT	WMC303	838.	11.83	129.	40.	40.	1.15
+	HYDROGRAPH AT	WMC309	812.	11.92	124.	38.	38.	1.14
+	3 COMBINED AT	DP309	4530.	12.00	900.	296.	296.	14.18
+	ROUTED TO	RT309	4514.	12.00	905.	297.	297.	14.18
+	HYDROGRAPH AT	WMC291	832.	12.00	161.	49.	49.	1.36
+	ROUTED TO	RT291	831.	12.08	162.	49.	49.	1.36
+	HYDROGRAPH AT	WMC297	647.	12.08	133.	41.	41.	1.12
+	2 COMBINED AT	DP297	1498.	12.08	295.	90.	90.	2.47
+	ROUTED TO	RT297	1469.	12.17	294.	90.	90.	2.47
+	HYDROGRAPH AT	WMC305	633.	11.92	98.	30.	30.	1.12
+	HYDROGRAPH AT	WMC307	875.	11.83	124.	38.	38.	1.09
+	HYDROGRAPH AT	WMC310	879.	11.83	108.	33.	33.	.82
+	5 COMBINED AT	DP310	7446.	12.00	1528.	487.	487.	19.69
+	ROUTED TO	RT310	7357.	12.00	1527.	487.	487.	19.69
+	HYDROGRAPH AT	WMC311	371.	11.83	48.	15.	15.	.74
+	HYDROGRAPH AT	WMC313	141.	11.92	24.	8.	8.	.40
+	3 COMBINED AT	DP313	7377.	12.00	1528.	487.	487.	19.69

+	ROUTED TO	RT313	7588.	12.08	1599.	508.	508.	20.83
+	HYDROGRAPH AT	WMC315	944.	11.92	142.	44.	44.	1.09
+	2 COMBINED AT	DP315	8227.	12.00	1740.	552.	552.	21.93
+	ROUTED TO	RT315	8225.	12.08	1740.	552.	552.	21.93
+	HYDROGRAPH AT	WMC317	278.	12.08	52.	20.	20.	1.20
+	2 COMBINED AT	DP317	8503.	12.08	1801.	571.	571.	23.12
+	ROUTED TO	RT317	8391.	12.17	1814.	573.	573.	23.12
+	HYDROGRAPH AT	WMC319	97.	12.17	26.	8.	8.	.51
+	HYDROGRAPH AT	KC349	23.	13.00	15.	5.	5.	1.25
+	4 COMBINED AT	DP319	25997.	13.00	10296.	3234.	3234.	149.59
+	ROUTED TO	RT319	25974.	13.00	10295.	3233.	3233.	149.59
+	HYDROGRAPH AT	KC323	157.	12.17	47.	15.	15.	1.67
+	ROUTED TO	RT323	153.	12.33	47.	15.	15.	1.67
+	HYDROGRAPH AT	KC321	133.	12.25	40.	13.	13.	1.51
+	HYDROGRAPH AT	KC327	86.	12.25	26.	9.	9.	.84
+	3 COMBINED AT	DP327	372.	12.25	113.	37.	37.	3.82
+	ROUTED TO	RT327	360.	12.42	112.	37.	37.	3.82
+	HYDROGRAPH AT	KC331	75.	12.33	26.	8.	8.	.85
+	HYDROGRAPH AT	KC325	52.	12.50	34.	11.	11.	1.13
+	ROUTED TO	RT325	50.	12.57	34.	11.	11.	1.13
+	HYDROGRAPH AT	KC333	115.	12.50	43.	14.	14.	1.75
+	4 COMBINED AT							

+	ROUTED TO	RT331	421.	12.50	214.	71.	71.	6.99
+	HYDROGRAPH AT	KC329	98.	12.42	56.	12.	12.	1.14
+	2 COMBINED AT	DP329	719.	12.50	249.	82.	82.	8.12
+	ROUTED TO	RT329	719.	12.50	250.	82.	82.	8.12
+	HYDROGRAPH AT	KC337	174.	12.25	40.	13.	13.	1.03
+	2 COMBINED AT	DP337	819.	12.50	288.	85.	85.	9.17
+	ROUTED TO	RT337	808.	12.47	287.	84.	84.	9.17
+	HYDROGRAPH AT	KC335	212.	12.38	81.	27.	27.	2.07
+	HYDROGRAPH AT	KC339	173.	12.08	41.	13.	13.	.83
+	3 COMBINED AT	DP339	1193.	12.47	404.	134.	134.	12.17
+	ROUTED TO	RT339	1146.	12.83	795.	131.	131.	12.13
+	HYDROGRAPH AT	KC341	143.	12.25	45.	14.	14.	1.00
+	HYDROGRAPH AT	KC343	155.	12.08	47.	15.	15.	1.06
+	HYDROGRAPH AT	KC345	174.	12.17	47.	15.	15.	.89
+	4 COMBINED AT	DP345	1287.	12.83	526.	175.	175.	13.13
+	ROUTED TO	RT345	1252.	13.00	521.	173.	173.	13.13
+	HYDROGRAPH AT	KC347	275.	12.25	75.	24.	24.	1.11
+	2 COMBINED AT	DP347	1379.	12.82	691.	197.	197.	13.13
+	ROUTED TO	RT347	540.	13.05	718.	195.	195.	13.13
+	ROUTED TO	RT747	540.	14.52	313.	191.	191.	15.28
+	HYDROGRAPH AT	KC351	18.	13.50	12.	5.	5.	1.02

88-2.17

14.83

+	ROUTED TO	RT351	26329.	13.90	10759.	3477.	3477.	168.89		
+	HYDROGRAPH AT	DRY362	319.	12.00	66.	21.	21.	1.19		
+	2 COMBINED AT	DR362	26408.	13.90	10821.	3478.	3478.	168.98		
+	ROUTED TO	RT362	26397.	13.08	10820.	3491.	3491.	168.08		
+	HYDROGRAPH AT	DRY363	72.	12.08	16.	5.	5.	.33		
+	2 COMBINED AT	DR363	26415.	13.08	10835.	3496.	3496.	168.41		
+	ROUTED TO	RT363	26382.	13.08	10828.	3491.	3491.	168.41		
+	HYDROGRAPH AT	DRY363	87.	12.25	29.	10.	10.	1.06		
+	2 COMBINED AT	DR363	26425.	13.08	10857.	3501.	3501.	169.47		
+	ROUTED TO	RT363	26389.	13.08	10866.	3495.	3495.	169.47		
+	HYDROGRAPH AT	DRY400	33.	12.67	14.	3.	3.	.38		
+	2 COMBINED AT	DR400	26355.	13.08	10869.	3500.	3500.	169.53		
+	ROUTED TO	RT400	26321.	13.17	10866.	3494.	3494.	169.53		
+	HYDROGRAPH AT	DRY404	144.	11.52	28.	9.	9.	.69		
+	2 COMBINED AT	DR404	26343.	12.17	147.	45.	45.	1.51		
+	ROUTED TO	RT425	84.	14.17	61.	37.	37.	1.61	6622.90	14.17
+	HYDROGRAPH AT	DRY427	347.	11.17	77.	24.	24.	.30		
+	ROUTED TO	RT427	116.	12.52	77.	24.	24.	.30	6595.73	12.52
+	ROUTED TO	RT427	116.	13.00	77.	24.	24.	.30		
+	HYDROGRAPH AT	DRY427	347.	11.17	77.	24.	24.	.30		

+	HYDROGRAPH AT	SP0429	256.	12.17	63.	19.	19.	.77		
+	HYDROGRAPH AT	SP0430	96.	12.17	19.	6.	6.	.14		
+	ROUTED TO	RE0430	42.	12.67	13.	5.	5.	.14		
+									5585.06	12.67
+	ROUTED TO	RT430	41.	12.75	13.	5.	5.	.14		
+	HYDROGRAPH AT	SP0431	164.	12.17	37.	11.	11.	.26		
+	6 COMBINED AT	SP427	932.	12.17	320.	113.	113.	3.53		
+	ROUTED TO	RT427	816.	12.25	319.	113.	113.	3.53		
+	HYDROGRAPH AT	PC413	179.	12.00	39.	12.	12.	.61		
+	HYDROGRAPH AT	PC415	123.	12.17	32.	10.	10.	.76		
+	ROUTED TO	RT415	116.	12.33	31.	10.	10.	.76		
+	HYDROGRAPH AT	PC417	43.	12.75	21.	7.	7.	.87		
+	3 COMBINED AT	SP417	274.	12.17	90.	30.	30.	2.46		
+	ROUTED TO	RT417	274.	12.25	90.	30.	30.	2.46		
+	HYDROGRAPH AT	PC419	5.	12.52	3.	1.	1.	.54		
+	2 COMBINED AT	SP419	276.	12.25	94.	31.	31.	2.90		
+	ROUTED TO	RT419	275.	12.33	94.	31.	31.	2.90		
+	HYDROGRAPH AT	PC421	193.	12.75	76.	24.	24.	1.72		
+	2 COMBINED AT	SP421	432.	12.41	170.	56.	56.	4.32		
+	ROUTED TO	RT421	432.	12.50	169.	55.	55.	4.32		
+	HYDROGRAPH AT	SP0433	209.	12.17	47.	15.	15.	.38		
+	3 COMBINED AT	SP433	1369.	12.33	533.	183.	183.	8.33		

+	HYDROGRAPH AT	SPC435	711.	12.17	158.	49.	49.	.94
+	4 COMBINED AT	DP435	27345.	13.17	11334.	3734.	3734.	179.80
+	ROUTED TO	RT435	27322.	13.17	11329.	3727.	3727.	179.80
+	HYDROGRAPH AT	DRY355	418.	11.83	55.	17.	17.	.80
+	ROUTED TO	RT355	383.	11.83	55.	17.	17.	.80
+	HYDROGRAPH AT	DRY359	323.	11.82	50.	15.	15.	.64
+	2 COMBINED AT	DP359	704.	11.92	103.	33.	33.	1.44
+	ROUTED TO	RT359	703.	12.00	106.	33.	33.	1.44
+	HYDROGRAPH AT	DRY357	452.	11.83	60.	19.	19.	.73
+	2 COMBINED AT	DP357	1027.	11.92	163.	51.	51.	2.17
+	ROUTED TO	RT357	981.	12.08	164.	50.	50.	2.17
+	HYDROGRAPH AT	DRY361	510.	12.17	103.	38.	38.	1.27
+	HYDROGRAPH AT	CD437	118.	12.25	37.	12.	12.	1.18
+	ROUTED TO	RT437	117.	12.33	36.	12.	12.	1.18
+	HYDROGRAPH AT	CD439	65.	12.25	19.	6.	6.	.30
+	2 COMBINED AT	DP439	181.	12.33	55.	18.	18.	1.29
+	ROUTED TO	RT439	181.	12.42	55.	18.	18.	1.29
+	HYDROGRAPH AT	CD441	176.	12.25	59.	20.	20.	1.70
+	2 COMBINED AT	DP441	372.	12.33	114.	38.	38.	3.39
+	ROUTED TO	RT441	312.	12.47	111.	37.	37.	3.39
+	HYDROGRAPH AT	CD443	73.	12.33	30.	10.	10.	1.47

+	ROUTED TO	RT445	167.	12.42	51.	16.	16.	1.26
+	HYDROGRAPH AT	CC447	119.	12.25	36.	12.	12.	.96
+	4 COMBINED AT	DP443	613.	12.50	226.	75.	75.	7.09
+	ROUTED TO	RT443	613.	12.58	226.	75.	75.	7.09
+	HYDROGRAPH AT	CC449	78.	12.33	28.	10.	10.	1.10
+	2 COMBINED AT	DP449	678.	12.58	254.	85.	85.	8.19
+	ROUTED TO	RT449	677.	12.67	253.	84.	84.	8.19
+	HYDROGRAPH AT	CC451	99.	12.25	29.	9.	9.	.70
+	ROUTED TO	RT451	97.	12.25	29.	9.	9.	.70
+	HYDROGRAPH AT	CC453	172.	12.25	50.	16.	16.	1.24
+	3 COMBINED AT	DP453	963.	12.58	330.	110.	110.	10.13
+	ROUTED TO	RT453	962.	12.67	329.	109.	109.	10.13
+	HYDROGRAPH AT	CC455	103.	12.25	33.	11.	11.	.99
+	ROUTED TO	RT455	102.	12.33	33.	11.	11.	.99
+	HYDROGRAPH AT	CC457	15.	12.75	9.	4.	4.	.84
+	5 COMBINED AT	DP457	955.	12.57	371.	124.	124.	11.96
+	ROUTED TO	RT457	949.	12.75	369.	122.	122.	11.96
+	HYDROGRAPH AT	CC459	12.	13.00	8.	3.	3.	.97
+	ROUTED TO	RT459	12.	13.00	8.	3.	3.	.97
+	HYDROGRAPH AT	CC461	132.	12.25	40.	13.	13.	1.07
+	2 COMBINED AT	DP461	137.	12.25	48.	16.	16.	2.04
+	ROUTED TO							

+	HYDROGRAPH AT	CC463	17.	12.93	10.	4.	4.	1.04
+	2 COMBINED AT	DP463	150.	12.33	59.	20.	20.	3.09
+	ROUTED TO	RT463	149.	12.42	57.	20.	20.	3.09
+	HYDROGRAPH AT	CC465	527.	12.17	130.	40.	40.	1.70
+	3 COMBINED AT	DP465	1424.	12.30	345.	153.	153.	16.74
+	ROUTED TO	RT465	1416.	12.55	345.	151.	151.	16.74
+	HYDROGRAPH AT	CC467	535.	12.17	197.	61.	61.	1.21
+	2 COMBINED AT	DP467	1755.	12.42	726.	242.	242.	17.95
+	ROUTED TO	RT467	1951.	12.30	726.	242.	242.	17.95
+	HYDROGRAPH AT	CC469	621.	12.17	138.	43.	43.	.89
+	2 COMBINED AT	DP469	2410.	12.42	860.	284.	284.	15.84
+	ROUTED TO	RT469	2400.	12.30	861.	284.	284.	15.84
+	HYDROGRAPH AT	CC471	506.	12.17	113.	35.	35.	.73
+	2 COMBINED AT	DP471	2737.	12.42	971.	313.	313.	19.57
+	ROUTED TO	RT471	2744.	12.30	971.	313.	313.	19.57
+	HYDROGRAPH AT	CC473	286.	12.17	64.	20.	20.	.47
+	2 COMBINED AT	DP473	1955.	12.42	1034.	337.	337.	20.04
+	ROUTED TO	RT473	1948.	12.30	1036.	337.	337.	20.04
+	HYDROGRAPH AT	CC475	170.	12.17	38.	12.	12.	.14
+	2 COMBINED AT	DP475	3053.	12.30	1072.	345.	345.	20.25
+	ROUTED TO	RT475	3056.	12.30	1073.	347.	347.	20.25

5 COMBINED AT	DP361	29723.	13.17	12855.	4170.	4170.	203.68
ROUTED TO	RT361	29704.	13.17	12851.	4161.	4161.	203.68
HYDROGRAPH AT	HR375	323.	12.00	105.	32.	32.	1.13
2 COMBINED AT	DP375	29806.	13.17	12908.	4183.	4183.	204.81
ROUTED TO	RT375	29717.	13.17	12902.	4185.	4185.	204.81
HYDROGRAPH AT	HR475	314.	12.03	113.	35.	35.	1.10
2 COMBINED AT	DP475	29800.	13.17	13023.	4219.	4219.	205.91
ROUTED TO	RT475	29804.	13.23	13021.	4214.	4214.	205.91
HYDROGRAPH AT	HR376	301.	12.03	113.	35.	35.	1.06
2 COMBINED AT	DP376	29845.	13.23	13073.	4234.	4234.	206.98
ROUTED TO	RT376	29861.	13.23	13071.	4230.	4230.	206.98
HYDROGRAPH AT	HR377	394.	12.00	109.	33.	33.	1.90
ROUTED TO	RT377	382.	12.08	105.	33.	33.	1.90
HYDROGRAPH AT	HR378	187.	11.87	27.	8.	8.	1.35
3 COMBINED AT	DP378	29976.	13.23	13170.	4271.	4271.	208.23
ROUTED TO	RT378	29956.	13.23	13169.	4265.	4265.	208.23
HYDROGRAPH AT	TR503	815.	11.92	130.	40.	40.	1.55
ROUTED TO	RT503	789.	12.00	130.	40.	40.	1.53
HYDROGRAPH AT	TR379	357.	12.17	81.	25.	25.	1.37
3 COMBINED AT	DP379	30134.	13.23	13317.	4320.	4320.	209.88
ROUTED TO	RT379	30093.	13.23	13317.	4324.	4324.	209.88
HYDROGRAPH AT							

+	2 COMBINED AT	DP501	30117.	13.25	13337.	4334.	4334.	210.22
+	ROUTED TO	RT501	30046.	13.33	13334.	4322.	4322.	210.22
+	HYDROGRAPH AT	T6499	371.	11.75	39.	12.	12.	.35
+	ROUTED TO	RT499	328.	11.85	40.	12.	12.	.35
+	HYDROGRAPH AT	T6481	1124.	11.83	156.	49.	49.	.99
+	ROUTED TO	RT481	1088.	11.92	156.	48.	48.	.99
+	HYDROGRAPH AT	T6483	1376.	11.92	222.	69.	69.	1.40
+	2 COMBINED AT	DP483	2481.	11.92	378.	118.	118.	2.39
+	ROUTED TO	RT483	2395.	11.92	378.	117.	117.	2.39
+	HYDROGRAPH AT	T6485	1038.	11.92	156.	48.	48.	1.12
+	ROUTED TO	RT485	1035.	11.92	156.	48.	48.	1.12
+	HYDROGRAPH AT	T6487	735.	11.92	113.	35.	35.	.70
+	ROUTED TO	RT437	740.	11.92	114.	35.	35.	.70
+	HYDROGRAPH AT	T6489	1366.	11.92	219.	63.	63.	1.35
+	4 COMBINED AT	DP489	5536.	11.92	867.	269.	269.	3.59
+	ROUTED TO	RT489	5400.	11.92	867.	269.	269.	3.59
+	HYDROGRAPH AT	T6491	1169.	11.83	153.	47.	47.	1.10
+	ROUTED TO	RT491	1116.	11.83	153.	47.	47.	1.10
+	HYDROGRAPH AT	T6493	951.	11.75	104.	32.	32.	.75
+	3 COMBINED AT	DP493	6910.	11.92	1124.	348.	348.	7.44
+	ROUTED TO	RT493	6731.	11.92	1124.	347.	347.	7.44
+	HYDROGRAPH AT							

+	2 COMBINED AT	DP495	7320.	12.00	1285.	398.	398.	8.42
+	ROUTED TO	RT495	7242.	12.00	1284.	394.	394.	8.42
+	HYDROGRAPH AT	TS497	599.	12.23	147.	46.	46.	.89
+	2 COMBINED AT	DP497	7736.	12.00	1430.	440.	440.	9.32
+	ROUTED TO	RT497	7646.	12.08	1430.	440.	440.	9.32
+	HYDROGRAPH AT	PS505	453.	11.92	68.	21.	21.	.41
+	4 COMBINED AT	DP505	31287.	13.26	14619.	4795.	4795.	220.30
+	ROUTED TO	RT505	31270.	13.33	14618.	4793.	4793.	220.30
+	HYDROGRAPH AT	DS381	763.	11.92	64.	20.	20.	1.05
+	ROUTED TO	RT381	764.	12.00	65.	20.	20.	1.05
+	HYDROGRAPH AT	DS385	916.	12.00	176.	54.	54.	1.33
+	ROUTED TO	RT385	915.	12.08	177.	54.	54.	1.33
+	HYDROGRAPH AT	DS383	162.	12.00	34.	11.	11.	.68
+	3 COMBINED AT	DP383	1413.	12.08	274.	85.	85.	3.26
+	ROUTED TO	RT383	1402.	12.08	274.	85.	85.	3.26
+	HYDROGRAPH AT	DS387	227.	12.17	56.	18.	18.	1.10
+	2 COMBINED AT	DP387	1620.	12.08	330.	103.	103.	4.24
+	ROUTED TO	RT387	1585.	12.17	330.	103.	103.	4.24
+	HYDROGRAPH AT	DS389	94.	12.75	37.	12.	12.	.68
+	2 COMBINED AT	DP389	1637.	12.17	366.	114.	114.	4.84
+	ROUTED TO	RT389	1627.	12.17	366.	114.	114.	4.84

+	2 COMBINED AT	DP391	1952.	12.17	447.	139.	139.	5.90
+	ROUTED TO	RT391	1923.	12.17	447.	139.	139.	5.90
+	HYDROGRAPH AT	D6C393	497.	12.00	132.	41.	41.	1.21
+	3 COMBINED AT	DP393	31907.	13.25	15178.	4973.	4973.	227.42
+	ROUTED TO	RT393	31583.	13.33	15176.	4964.	4964.	227.42
+	HYDROGRAPH AT	D6C395	540.	12.17	127.	39.	39.	1.57
+	ROUTED TO	RT395	534.	12.25	128.	39.	39.	1.57
+	HYDROGRAPH AT	D6C397	518.	11.83	64.	20.	20.	.51
+	2 COMBINED AT	DP397	708.	11.33	190.	59.	59.	2.08
+	ROUTED TO	RT397	702.	11.92	191.	59.	59.	2.08
+	HYDROGRAPH AT	D6C399	531.	12.08	112.	34.	34.	1.04
+	3 COMBINED AT	DP399	32165.	13.33	15454.	5057.	5057.	230.54
+	ROUTED TO	RT399	32111.	13.33	15449.	5042.	5042.	230.54
+	HYDROGRAPH AT	MEB401	504.	12.00	90.	28.	28.	.80
+	2 COMBINED AT	DP401	32169.	13.33	15519.	5070.	5070.	231.14
+	ROUTED TO	RT401	32114.	13.33	15519.	5065.	5065.	231.14
+	HYDROGRAPH AT	PAP509	443.	12.59	152.	46.	46.	1.27
+	ROUTED TO	RT509	443.	12.57	152.	46.	46.	1.27
+	HYDROGRAPH AT	PAP511	582.	12.25	153.	47.	47.	1.17
+	2 COMBINED AT	DP511	988.	12.42	304.	93.	93.	2.46
+	ROUTED TO	RT511	951.	12.42	304.	93.	93.	2.46

		32654.	13.33	15677.	5166.	5166.	234.32
+	3 COMBINED AT						
		32625.	13.42	15675.	5173.	5173.	234.32
+	ROUTED TO						
		348.	11.92	52.	16.	16.	.55
+	HYDROGRAPH AT						
		145.	12.00	27.	5.	5.	.27
+	HYDROGRAPH AT						
		32673.	13.42	15935.	5197.	5197.	235.16
+	3 COMBINED AT						
		32636.	13.42	15929.	5189.	5189.	235.16
+	ROUTED TO						
		363.	11.92	59.	18.	18.	.82
+	HYDROGRAPH AT						
		244.	12.33	72.	22.	22.	.86
+	HYDROGRAPH AT						
		315.	12.00	102.	40.	40.	1.71
+	2 COMBINED AT						
		322.	12.08	102.	40.	40.	1.71
+	ROUTED TO						
		370.	11.83	46.	14.	14.	.62
+	HYDROGRAPH AT						
		32753.	13.42	16075.	5244.	5244.	237.39
+	3 COMBINED AT						
		32712.	13.59	16055.	5211.	5211.	237.39
+	ROUTED TO						
		500.	12.00	93.	29.	29.	.84
+	HYDROGRAPH AT						
		256.	11.92	41.	13.	13.	.47
+	HYDROGRAPH AT						
		32793.	13.50	16154.	5253.	5253.	238.71
+	3 COMBINED AT						

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

01/10/85

**MONUMENT CREEK
DRAINAGE BASIN PLANNING STUDY
BASELINE HYDROLOGY
Technical Addendum**

**Section VIII
HEC-1 Input and Output
10-Year 24-Hour Storm with Hydromet 52 Rainfall Distribution
Future Condition**

1					2					3					4				
DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	29.	1		0600	73	29.	1		1200	145	2429.	1		1800	217	2713.

1	0010	1	29.	*	1	0610	75	29.	*	1	1210	147	3458.	*	1	1811	217	1657.
1	0015	4	29.	*	1	0615	76	29.	*	1	1215	148	3531.	*	1	1815	220	1669.
1	0020	5	29.	*	1	0620	77	29.	*	1	1220	149	3458.	*	1	1820	221	1650.
1	0025	6	29.	*	1	0625	78	29.	*	1	1225	150	3254.	*	1	1825	222	1632.
1	0030	7	29.	*	1	0630	79	29.	*	1	1230	151	2975.	*	1	1830	223	1614.
1	0035	8	29.	*	1	0635	80	29.	*	1	1235	152	2895.	*	1	1835	224	1597.
1	0040	9	29.	*	1	0640	81	29.	*	1	1240	153	2520.	*	1	1840	225	1580.
1	0045	10	29.	*	1	0645	82	29.	*	1	1245	154	2521.	*	1	1845	226	1565.
1	0050	11	29.	*	1	0650	83	29.	*	1	1250	155	3031.	*	1	1850	227	1550.
1	0055	12	29.	*	1	0655	84	29.	*	1	1255	156	3825.	*	1	1855	228	1535.
1	0100	13	29.	*	1	0700	85	29.	*	1	1300	157	4312.	*	1	1900	229	1521.
1	0105	14	29.	*	1	0705	86	29.	*	1	1305	158	5351.	*	1	1905	230	1509.
1	0110	15	29.	*	1	0710	87	29.	*	1	1310	159	6135.	*	1	1910	231	1496.
1	0115	16	29.	*	1	0715	88	29.	*	1	1315	160	6576.	*	1	1915	232	1484.
1	0120	17	29.	*	1	0720	89	29.	*	1	1320	161	6862.	*	1	1920	233	1471.
1	0125	18	29.	*	1	0725	90	29.	*	1	1325	162	7124.	*	1	1925	234	1451.
1	0130	19	29.	*	1	0730	91	29.	*	1	1330	163	7358.	*	1	1930	235	1430.
1	0135	20	29.	*	1	0735	92	29.	*	1	1335	164	7504.	*	1	1935	236	1409.
1	0140	21	29.	*	1	0740	93	29.	*	1	1340	165	7520.	*	1	1940	237	1409.
1	0145	22	29.	*	1	0745	94	29.	*	1	1345	166	7407.	*	1	1945	238	1418.
1	0150	23	29.	*	1	0750	95	29.	*	1	1350	167	7155.	*	1	1950	239	1401.
1	0155	24	29.	*	1	0755	96	29.	*	1	1355	168	6687.	*	1	1955	240	1394.
1	0200	25	29.	*	1	0800	97	29.	*	1	1400	169	6550.	*	1	2000	241	1380.
1	0205	26	29.	*	1	0805	98	29.	*	1	1405	170	6208.	*	1	2005	242	1365.
1	0210	27	29.	*	1	0810	99	29.	*	1	1410	171	5872.	*	1	2010	243	1352.
1	0215	28	29.	*	1	0815	100	29.	*	1	1415	172	5534.	*	1	2015	244	1338.
1	0220	29	29.	*	1	0820	101	29.	*	1	1420	173	5256.	*	1	2020	245	1324.
1	0225	30	29.	*	1	0825	102	29.	*	1	1425	174	4982.	*	1	2025	246	1311.
1	0230	31	29.	*	1	0830	103	29.	*	1	1430	175	4733.	*	1	2030	247	1297.
1	0235	32	29.	*	1	0835	104	29.	*	1	1435	176	4507.	*	1	2035	248	1284.
1	0240	33	29.	*	1	0840	105	29.	*	1	1440	177	4301.	*	1	2040	249	1272.
1	0245	34	29.	*	1	0845	106	29.	*	1	1445	178	4112.	*	1	2045	250	1260.
1	0250	35	29.	*	1	0850	107	29.	*	1	1450	179	3939.	*	1	2050	251	1249.
1	0255	36	29.	*	1	0855	108	29.	*	1	1455	180	3778.	*	1	2055	252	1238.
1	0300	37	29.	*	1	0900	109	29.	*	1	1500	181	3633.	*	1	2100	253	1228.
1	0305	38	29.	*	1	0905	110	29.	*	1	1505	182	3500.	*	1	2105	254	1218.
1	0310	39	29.	*	1	0910	111	29.	*	1	1510	183	3379.	*	1	2110	255	1208.
1	0315	40	29.	*	1	0915	112	29.	*	1	1515	184	3266.	*	1	2115	256	1196.
1	0320	41	29.	*	1	0920	113	29.	*	1	1520	185	3161.	*	1	2120	257	1189.
1	0325	42	29.	*	1	0925	114	29.	*	1	1525	186	3062.	*	1	2125	258	1181.
1	0330	43	29.	*	1	0930	115	29.	*	1	1530	187	2969.	*	1	2130	259	1172.
1	0335	44	29.	*	1	0935	116	29.	*	1	1535	188	2882.	*	1	2135	260	1163.
1	0340	45	29.	*	1	0940	117	29.	*	1	1540	189	2801.	*	1	2140	261	1155.
1	0345	46	29.	*	1	0945	118	29.	*	1	1545	190	2724.	*	1	2145	262	1147.
1	0350	47	29.	*	1	0950	119	29.	*	1	1550	191	2656.	*	1	2150	263	1139.
1	0355	48	29.	*	1	0955	120	29.	*	1	1555	192	2596.	*	1	2155	264	1131.
1	0400	49	29.	*	1	1000	121	29.	*	1	1600	193	2542.	*	1	2200	265	1123.
1	0405	50	29.	*	1	1005	122	29.	*	1	1605	194	2484.	*	1	2205	266	1115.
1	0410	51	29.	*	1	1010	123	29.	*	1	1610	195	2371.	*	1	2210	267	1108.
1	0415	52	29.	*	1	1015	124	29.	*	1	1615	196	2314.	*	1	2215	268	1101.
1	0420	53	29.	*	1	1020	125	29.	*	1	1620	197	2256.	*	1	2220	269	1095.
1	0425	54	29.	*	1	1025	126	29.	*	1	1625	198	2190.	*	1	2225	270	1089.
1	0430	55	29.	*	1	1030	127	29.	*	1	1630	199	2121.	*	1	2230	271	1083.
1	0435	56	29.	*	1	1035	128	29.	*	1	1635	200	2056.	*	1	2235	272	1077.
1	0440	57	29.	*	1	1040	129	29.	*	1	1640	201	1991.	*	1	2240	273	1071.
1	0445	58	29.	*	1	1045	130	30.	*	1	1645	202	1928.	*	1	2245	274	1065.
1	0450	59	29.	*	1	1050	131	30.	*	1	1650	203	2065.	*	1	2250	275	1061.
1	0455	60	29.	*	1	1055	132	31.	*	1	1655	204	2001.	*	1	2255	276	1055.
1	0500	61	29.	*	1	1100	133	31.	*	1	1700	205	1938.	*	1	2300	277	1052.
1	0505	62	29.	*	1	1105	134	33.	*	1	1705	206	1876.	*	1	2305	278	1048.
1	0510	63	29.	*	1	1110	135	34.	*	1	1710	207	1816.	*	1	2310	279	1044.
1	0515	64	29.	*	1	1115	136	36.	*	1	1715	208	1753.	*	1	2315	280	1040.
1	0520	65	29.	*	1	1120	137	39.	*	1	1720	209	1688.	*	1	2320	281	1037.
1	0525	66	29.	*	1	1125	138	44.	*	1	1725	210	1625.	*	1	2325	282	1033.
1	0530	67	29.	*	1	1130	139	50.	*	1	1730	211	1564.	*	1	2330	283	1031.

1	1045	67	29.	*	1	1145	142	235.	*	1	1745	214	1787.	*	1	2345	286	1022.
1	0545	70	29.	*	1	1150	143	584.	*	1	1750	215	1768.	*	1	2350	287	1019.
1	0555	72	29.	*	1	1155	144	1395.	*	1	1755	216	1749.	*	1	2355	288	1014.

PEAK FLOW + (CFS)	TIME (HR)	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	23.92-HR
7520.	13.67	3641.	1256.	1256.	1256.
		(INCHES)	.311	.311	.311
		(AC-FT)	1806.	2483.	2483.

CUMULATIVE AREA = 149.35 SQ MI

2834 KK * 0P515 *

2836 KO OUTPUT CONTROL VARIABLES
IPRNT 1 PRINT CONTROL
IPLOT 0 PLOT CONTROL
DECAL 0 HYDROGRAPH PLOT SCALE

2837 HO HYDROGRAPH COMBINATION
ICOMP 3 NUMBER OF HYDROGRAPHS TO COMBINE

HYDROGRAPH AT STATION 0P515 SUM OF 3 HYDROGRAPHS

DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*
1	0600	1	29.	*	1	0600	73	29.	*	1	1200	145	691.	*	1	1800	217	1975.					
1	0605	2	29.	*	1	0605	74	29.	*	1	1205	146	1080.	*	1	1805	218	2507.					
1	0610	3	29.	*	1	0610	75	29.	*	1	1210	147	1946.	*	1	1810	219	1899.					
1	0615	4	29.	*	1	0615	76	29.	*	1	1215	148	3166.	*	1	1815	220	7862.					
1	0620	5	29.	*	1	0620	77	29.	*	1	1220	149	6447.	*	1	1820	221	2628.					
1	0625	6	29.	*	1	0625	78	29.	*	1	1225	150	6841.	*	1	1825	222	3755.					
1	0630	7	29.	*	1	0630	79	29.	*	1	1230	151	7080.	*	1	1830	223	2762.					
1	0635	8	19.	*	1	0635	80	19.	*	1	1235	152	7297.	*	1	1835	224	2731.					
1	0640	9	19.	*	1	0640	81	29.	*	1	1240	153	7425.	*	1	1840	225	3700.					
1	0645	10	19.	*	1	0645	82	29.	*	1	1245	154	7698.	*	1	1845	226	3470.					
1	0650	11	29.	*	1	0650	83	29.	*	1	1250	155	8048.	*	1	1850	227	2941.					
1	0655	12	19.	*	1	0655	84	29.	*	1	1255	156	8346.	*	1	1855	228	2612.					
1	0700	13	29.	*	1	0700	85	29.	*	1	1300	157	8812.	*	1	1900	229	2384.					
1	0705	14	29.	*	1	0705	86	29.	*	1	1305	158	8946.	*	1	1905	230	2557.					
1	0710	15	29.	*	1	0710	87	29.	*	1	1310	159	8445.	*	1	1910	231	2631.					
1	0715	16	29.	*	1	0715	88	29.	*	1	1315	160	8207.	*	1	1915	232	2505.					
1	0720	17	29.	*	1	0720	89	29.	*	1	1320	161	7861.	*	1	1920	233	2460.					

1	0133	20	29.	*	1	0735	92	29.	*	1	1335	164	6642.	*	1	1935	236	2409.
1	0140	21	29.	*	1	0740	93	29.	*	1	1340	165	6365.	*	1	1940	237	2387.
1	0145	22	29.	*	1	0745	94	29.	*	1	1345	166	6271.	*	1	1945	238	2346.
1	0150	23	29.	*	1	0750	95	29.	*	1	1350	167	6422.	*	1	1950	239	2346.
1	0155	24	29.	*	1	0755	96	29.	*	1	1355	168	6858.	*	1	1955	240	2327.
1	0200	25	29.	*	1	0800	97	29.	*	1	1400	169	7502.	*	1	2000	241	2308.
1	0205	26	29.	*	1	0805	98	29.	*	1	1405	170	8153.	*	1	2005	242	2290.
1	0210	27	29.	*	1	0810	99	29.	*	1	1410	171	8673.	*	1	2010	243	2272.
1	0215	28	29.	*	1	0815	100	29.	*	1	1415	172	9012.	*	1	2015	244	2254.
1	0220	29	29.	*	1	0820	101	29.	*	1	1420	173	9201.	*	1	2020	245	2236.
1	0225	30	29.	*	1	0825	102	29.	*	1	1425	174	9271.	*	1	2025	246	2217.
1	0230	31	29.	*	1	0830	103	29.	*	1	1430	175	9241.	*	1	2030	247	2198.
1	0235	32	29.	*	1	0835	104	29.	*	1	1435	176	9125.	*	1	2035	248	2179.
1	0240	33	29.	*	1	0840	105	29.	*	1	1440	177	8938.	*	1	2040	249	2159.
1	0245	34	29.	*	1	0845	106	29.	*	1	1445	178	8694.	*	1	2045	250	2137.
1	0250	35	29.	*	1	0850	107	29.	*	1	1450	179	8418.	*	1	2050	251	2117.
1	0255	36	29.	*	1	0855	108	29.	*	1	1455	180	8119.	*	1	2055	252	2095.
1	0300	37	29.	*	1	0900	109	29.	*	1	1500	181	7813.	*	1	2100	253	2074.
1	0305	38	29.	*	1	0905	110	29.	*	1	1505	182	7509.	*	1	2105	254	2053.
1	0310	39	29.	*	1	0910	111	29.	*	1	1510	183	7213.	*	1	2110	255	2033.
1	0315	40	29.	*	1	0915	112	29.	*	1	1515	184	6930.	*	1	2115	256	2013.
1	0320	41	29.	*	1	0920	113	29.	*	1	1520	185	6662.	*	1	2120	257	1996.
1	0325	42	29.	*	1	0925	114	29.	*	1	1525	186	6410.	*	1	2125	258	1977.
1	0330	43	29.	*	1	0930	115	29.	*	1	1530	187	6167.	*	1	2130	259	1959.
1	0335	44	29.	*	1	0935	116	30.	*	1	1535	188	5921.	*	1	2135	260	1940.
1	0340	45	29.	*	1	0940	117	30.	*	1	1540	189	5681.	*	1	2140	261	1922.
1	0345	46	29.	*	1	0945	118	30.	*	1	1545	190	5441.	*	1	2145	262	1904.
1	0350	47	29.	*	1	0950	119	30.	*	1	1550	191	5201.	*	1	2150	263	1888.
1	0355	48	29.	*	1	0955	120	30.	*	1	1555	192	5076.	*	1	2155	264	1873.
1	0400	49	29.	*	1	1000	121	31.	*	1	1600	193	4897.	*	1	2200	265	1859.
1	0405	50	29.	*	1	1005	122	31.	*	1	1605	194	4733.	*	1	2205	266	1845.
1	0410	51	29.	*	1	1010	123	32.	*	1	1610	195	4594.	*	1	2210	267	1833.
1	0415	52	29.	*	1	1015	124	32.	*	1	1615	196	4475.	*	1	2215	268	1821.
1	0420	53	29.	*	1	1020	125	33.	*	1	1620	197	4364.	*	1	2220	269	1809.
1	0425	54	29.	*	1	1025	126	33.	*	1	1625	198	4260.	*	1	2225	270	1798.
1	0430	55	29.	*	1	1030	127	34.	*	1	1630	199	4162.	*	1	2230	271	1787.
1	0435	56	29.	*	1	1035	128	35.	*	1	1635	200	4069.	*	1	2235	272	1778.
1	0440	57	29.	*	1	1040	129	36.	*	1	1640	201	3979.	*	1	2240	273	1765.
1	0445	58	29.	*	1	1045	130	36.	*	1	1645	202	3892.	*	1	2245	274	1755.
1	0450	59	29.	*	1	1050	131	39.	*	1	1650	203	3808.	*	1	2250	275	1745.
1	0455	60	29.	*	1	1055	132	41.	*	1	1655	204	3727.	*	1	2255	276	1735.
1	0500	61	29.	*	1	1100	133	43.	*	1	1700	205	3651.	*	1	2300	277	1726.
1	0505	62	29.	*	1	1105	134	45.	*	1	1705	206	3575.	*	1	2305	278	1717.
1	0510	63	29.	*	1	1110	135	48.	*	1	1710	207	3510.	*	1	2310	279	1709.
1	0515	64	29.	*	1	1115	136	52.	*	1	1715	208	3445.	*	1	2315	280	1701.
1	0520	65	29.	*	1	1120	137	57.	*	1	1720	209	3387.	*	1	2320	281	1693.
1	0525	66	29.	*	1	1125	138	67.	*	1	1725	210	3333.	*	1	2325	282	1685.
1	0530	67	29.	*	1	1130	139	80.	*	1	1730	211	3287.	*	1	2330	283	1678.
1	0535	68	29.	*	1	1135	140	110.	*	1	1735	212	3219.	*	1	2335	284	1671.
1	0540	69	29.	*	1	1140	141	159.	*	1	1740	213	3183.	*	1	2340	285	1664.
1	0545	70	29.	*	1	1145	142	279.	*	1	1745	214	3113.	*	1	2345	286	1657.
1	0550	71	29.	*	1	1150	143	353.	*	1	1750	215	3064.	*	1	2350	287	1650.
1	0555	72	29.	*	1	1155	144	502.	*	1	1755	216	3018.	*	1	2355	288	1643.

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	23.92-HR
+	(CFS)				
+	(CFS)				
+	9271.	14.42			
	(INCHES)	.252	.316	.316	.316
	(AC-FT)	2959.	4021.	4025.	4025.

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									
+		10001	146.	12.08	34.	11.	11.	.67		
+	ROUTED TO									
+		8701	146.	12.17	34.	11.	11.	.67		
+	HYDROGRAPH AT									
+		10003	136.	12.08	31.	16.	16.	1.12		
+	2 COMBINED AT									
+		0903	300.	12.08	88.	26.	26.	1.99		
+	ROUTED TO									
+		8703	307.	12.20	88.	26.	26.	1.99		
+	HYDROGRAPH AT									
+		10005	207.	12.00	42.	13.	13.	1.07		
+	2 COMBINED AT									
+		0905	475.	12.08	126.	38.	38.	3.03		
+	ROUTED TO									
+		8705	471.	12.17	126.	38.	38.	3.03		
+	HYDROGRAPH AT									
+		10007	209.	12.00	46.	14.	14.	1.17		
+	2 COMBINED AT									
+		0907	668.	12.08	171.	53.	53.	4.22		
+	ROUTED TO									
+		8707	664.	12.17	172.	54.	54.	4.22		
+	HYDROGRAPH AT									
+		10009	262.	11.52	41.	13.	13.	1.05		
+	2 COMBINED AT									
+		0909	792.	12.17	212.	66.	66.	5.27		
+	ROUTED TO									
+		8709	786.	12.28	213.	67.	67.	5.27		
+	HYDROGRAPH AT									
+		44013	176.	12.08	40.	12.	12.	.67		
+	HYDROGRAPH AT									
+		44015	168.	12.00	38.	12.	12.	.64		
+	2 COMBINED AT									
+		0913	362.	12.08	78.	24.	24.	1.71		
+	ROUTED TO									
+		8713	360.	12.17	78.	24.	24.	1.71		
+	HYDROGRAPH AT									
+		44014	144.	12.00	36.	12.	12.	.64		

+	2 COMBINED AT	DP17	624.	12.08	134.	42.	42.	2.92
+	ROUTED TO	RT17	589.	12.25	133.	41.	41.	2.92
+	HYDROGRAPH AT	NMC19	205.	11.92	34.	11.	11.	.88
+	ROUTED TO	RT19	155.	12.00	34.	11.	11.	.88
+	HYDROGRAPH AT	NMC21	202.	12.00	39.	12.	12.	.88
+	ROUTED TO	RT21	201.	12.03	39.	12.	12.	.88
+	HYDROGRAPH AT	NMC23	362.	11.92	59.	18.	18.	1.38
+	4 COMBINED AT	DP23	1140.	12.08	264.	82.	82.	3.92
+	ROUTED TO	RT23	1131.	12.17	263.	82.	82.	3.92
+	HYDROGRAPH AT	NMC25	291.	11.92	45.	14.	14.	.99
+	HYDROGRAPH AT	NMC27	370.	12.08	57.	18.	18.	1.24
+	3 COMBINED AT	DP25	1556.	12.08	365.	114.	114.	8.16
+	ROUTED TO	RT25	1530.	12.42	353.	109.	109.	8.16
+	HYDROGRAPH AT	NMC29	147.	11.92	23.	7.	7.	.59
+	2 COMBINED AT	DP29	1371.	12.42	368.	117.	117.	8.73
+	ROUTED TO	RT29	1356.	12.42	368.	117.	117.	8.73
+	HYDROGRAPH AT	10011	203.	12.08	46.	15.	15.	1.15
+	3 COMBINED AT	DP11	2389.	11.92	626.	198.	198.	13.21
+	ROUTED TO	RT11	2345.	12.30	617.	197.	197.	13.21
+	HYDROGRAPH AT	N031	273.	12.17	64.	20.	20.	1.40
+	HYDROGRAPH AT	N033	140.	11.92	14.	7.	7.	.46
+	2 COMBINED AT							

+	ROUTED TO	RT35	372.	12.17	87.	27.	27.	1.86
+	HYDROGRAPH AT	MC37	281.	12.00	57.	17.	17.	1.04
+	HYDROGRAPH AT	MC39	116.	12.00	21.	7.	7.	.41
+	3 COMBINED AT	BP39	727.	12.08	161.	50.	50.	3.31
+	ROUTED TO	RT39	717.	12.17	162.	50.	50.	3.31
+	HYDROGRAPH AT	MC41	296.	12.00	56.	17.	17.	1.08
+	2 COMBINED AT	BP41	982.	12.08	216.	67.	67.	4.39
+	ROUTED TO	RT41	976.	12.17	216.	67.	67.	4.39
+	HYDROGRAPH AT	MC43	351.	11.92	63.	20.	20.	1.36
+	2 COMBINED AT	BP43	1220.	12.08	121.	87.	87.	5.77
+	ROUTED TO	RT43	1220.	12.17	122.	87.	87.	5.77
+	HYDROGRAPH AT	MC45	200.	11.92	34.	11.	11.	.86
+	2 COMBINED AT	BP45	1338.	12.17	316.	93.	93.	6.63
+	ROUTED TO	RT45	1334.	12.26	316.	97.	97.	6.63
+	HYDROGRAPH AT	MMC31	190.	11.92	32.	10.	10.	.69
+	HYDROGRAPH AT	MC47	42.	11.92	9.	3.	3.	.45
+	4 COMBINED AT	BP47	3554.	12.42	952.	305.	308.	23.21
+	ROUTED TO	RT47	3510.	12.50	983.	305.	308.	23.21
+	HYDROGRAPH AT	PL49	20.	11.83	4.	1.	1.	.31
+	2 COMBINED AT	BP49	3517.	12.50	987.	305.	307.	23.52
+	ROUTED TO	RT49	3495.	12.50	987.	305.	307.	23.52
+	HYDROGRAPH AT							

+	2 COMBINED AT	DP51	3310.	12.50	996.	312.	312.	24.50
	ROUTED TO							
+		RT51	3453.	12.50	993.	311.	311.	24.50
	HYDROGRAPH AT							
+		PL53	57.	11.92	13.	4.	4.	.93
	2 COMBINED AT							
+		DP53	3475.	12.50	1008.	316.	316.	25.45
	ROUTED TO							
+		RT53	3448.	12.50	1008.	315.	315.	25.45
	HYDROGRAPH AT							
+		RM55	31.	12.00	11.	4.	4.	1.07
	2 COMBINED AT							
+		DP55	3488.	12.50	1019.	319.	319.	26.52
	ROUTED TO							
+		RT55	3418.	12.67	1020.	319.	319.	26.52
	HYDROGRAPH AT							
+		PL57	66.	12.23	23.	8.	8.	1.45
	2 COMBINED AT							
+		DP57	3466.	12.67	1042.	327.	327.	28.00
	ROUTED TO							
+		RT57	3411.	12.75	1031.	323.	323.	28.00
	HYDROGRAPH AT							
+		RM59	12.	12.25	4.	2.	2.	.37
	HYDROGRAPH AT							
+		PL61	39.	12.33	14.	5.	5.	.91
	HYDROGRAPH AT							
+		PL63	22.	12.50	10.	4.	4.	.75
	4 COMBINED AT							
+		DP59	3466.	12.75	1057.	333.	333.	30.27
	ROUTED TO							
+		RT59	3452.	12.75	1041.	333.	333.	30.27
	HYDROGRAPH AT							
+		DWC79	2.	12.92	1.	1.	1.	.50
	ROUTED TO							
+		RT79	2.	13.59	1.	1.	1.	.50
	HYDROGRAPH AT							
+		DWC81	2.	14.03	1.	1.	1.	.66
	2 COMBINED AT							
+		DP81	3.	13.83	3.	1.	1.	1.16
	ROUTED TO							
+		RT81	3.	13.83	3.	1.	1.	1.16
	HYDROGRAPH AT							

+	HYDROGRAPH AT	DWC85	1.	13.75	1.	0.	0.	.36
+	HYDROGRAPH AT	DWC87	2.	13.63	1.	1.	1.	.66
+	HYDROGRAPH AT	DWC89	6.	12.50	3.	1.	1.	.45
+	4 COMBINED AT	DP89	6.	13.25	6.	3.	3.	2.08
+	ROUTED TO	RT89	8.	13.67	6.	3.	3.	2.08
+	HYDROGRAPH AT	DWC91	17.	12.42	8.	3.	3.	.73
-	3 COMBINED AT	DP91	22.	13.17	16.	7.	7.	4.02
+	ROUTED TO	RT91	22.	13.25	16.	7.	7.	4.02
+	HYDROGRAPH AT	DWC93	9.	12.58	5.	2.	2.	.52
+	2 COMBINED AT	DP93	30.	13.00	21.	8.	8.	4.54
+	ROUTED TO	RT93	30.	13.25	21.	8.	8.	4.54
+	HYDROGRAPH AT	DWC95	11.	12.25	8.	3.	3.	.66
+	3 COMBINED AT	DP95	3493.	12.75	1089.	343.	343.	35.47
+	ROUTED TO	RT95	3481.	12.83	1087.	342.	342.	35.47
+	HYDROGRAPH AT	MR73	29.	12.08	8.	3.	3.	.53
+	2 COMBINED AT	DP73	3494.	12.83	1094.	345.	345.	36.00
+	ROUTED TO	RT73	3489.	12.83	1093.	345.	345.	36.00
+	HYDROGRAPH AT	MR65	18.	12.08	9.	3.	3.	.73
+	ROUTED TO	RT65	19.	12.58	9.	3.	3.	.78
-	HYDROGRAPH AT	MR67	50.	12.08	20.	6.	6.	.72
-	HYDROGRAPH AT	MR71	32.	12.00	14.	5.	5.	.96
	ROUTED TO							

+	HYDROGRAPH AT	HR69	29.	12.17	10.	3.	3.	.72
+	ROUTED TO	RT69	26.	12.33	10.	3.	3.	.72
+	5 COMBINED AT	DP67	3579.	12.83	1138.	362.	362.	39.13
+	ROUTED TO	RT67	3588.	12.83	1137.	362.	362.	39.13
+	HYDROGRAPH AT	HR75	17.	12.00	3.	2.	2.	.52
+	2 COMBINED AT	DP75	3585.	12.83	1141.	363.	363.	39.17
+	ROUTED TO	RT75	3597.	12.83	1134.	367.	367.	39.49
+	HYDROGRAPH AT	HR77	15.	12.00	4.	1.	1.	.24
+	HYDROGRAPH AT	DP77	26.	12.00	6.	2.	2.	.23
+	HYDROGRAPH AT	TD99	3.	12.42	1.	1.	1.	.47
+	ROUTED TO	RT99	3.	12.30	3.	1.	1.	.47
+	HYDROGRAPH AT	TD101	8.	12.33	3.	2.	2.	.74
+	2 COMBINED AT	DP101	13.	12.42	8.	3.	3.	1.21
+	ROUTED TO	RT101	13.	12.30	8.	3.	3.	1.21
+	HYDROGRAPH AT	TD103	2.	12.75	1.	0.	0.	.21
+	2 COMBINED AT	DP103	15.	12.30	9.	3.	3.	1.42
+	ROUTED TO	RT103	15.	12.75	9.	3.	3.	1.42
+	HYDROGRAPH AT	TD105	10.	12.33	14.	3.	3.	.81
+	5 COMBINED AT	DP97	3580.	12.82	1162.	370.	370.	41.22
+	ROUTED TO	RT97	3589.	12.80	1157.	367.	367.	41.32
+	HYDROGRAPH AT	TD107	12.	12.08	6.	2.	2.	.44
+	2 COMBINED AT	DP107	27.00	12.08	11.00	7.00	7.00	1.00

+	ROUTED TO	RT107	3534.	13.00	1136.	369.	366.	42.66
+	HYDROGRAPH AT	EB109	272.	12.06	57.	18.	18.	1.24
+	ROUTED TO	RT109	265.	12.17	57.	17.	17.	1.24
+	HYDROGRAPH AT	EB111	195.	12.00	38.	12.	12.	.75
+	HYDROGRAPH AT	EB113	210.	12.17	50.	15.	15.	.93
+	ROUTED TO	RT113	210.	12.17	50.	15.	15.	.93
+	HYDROGRAPH AT	EB115	190.	12.06	43.	13.	13.	.85
+	4 COMBINED AT	DP111	533.	12.17	189.	58.	58.	3.61
+	ROUTED TO	RT111	521.	12.17	189.	58.	58.	3.61
+	HYDROGRAPH AT	EB117	129.	12.00	24.	8.	8.	.97
+	HYDROGRAPH AT	SBC119	89.	12.36	35.	12.	12.	1.83
+	ROUTED TO	RT119	89.	12.37	35.	12.	12.	1.83
+	HYDROGRAPH AT	SBC121	215.	12.17	51.	16.	16.	1.61
+	2 COMBINED AT	DP121	189.	12.25	58.	27.	27.	1.94
+	ROUTED TO	RT121	257.	12.33	85.	27.	27.	1.94
+	HYDROGRAPH AT	SBC123	173.	12.17	41.	13.	13.	.90
+	2 COMBINED AT	DP123	421.	12.25	126.	40.	40.	3.63
+	ROUTED TO	RT123	409.	12.33	126.	40.	40.	3.63
+	HYDROGRAPH AT	SBC125	89.	12.17	34.	7.	7.	.46
+	HYDROGRAPH AT	SBC127	175.	12.00	36.	11.	11.	.67
+	3 COMBINED AT	DP127	617.	12.25	183.	58.	58.	3.00
+	ROUTED TO	RT127						

+	HYDROGRAPH AT	880129	179.	12.17	43.	13.	13.	.85
+	4 COMBINED AT	8F117	1675.	12.25	437.	137.	137.	10.13
+	ROUTED TO	RT117	1667.	12.25	437.	137.	137.	10.13
+	HYDROGRAPH AT	880131	188.	12.00	36.	11.	11.	.89
+	2 COMBINED AT	8F131	1792.	12.25	472.	148.	148.	10.82
+	ROUTED TO	RT131	1772.	12.25	472.	147.	147.	10.82
+	HYDROGRAPH AT	880133	222.	11.92	37.	12.	12.	.72
+	2 COMBINED AT	8F133	1851.	12.25	508.	159.	159.	11.35
+	ROUTED TO	RT133	1849.	12.33	508.	159.	159.	11.35
+	HYDROGRAPH AT	880135	304.	11.92	49.	15.	15.	.85
+	HYDROGRAPH AT	880137	348.	11.85	53.	16.	16.	1.03
+	ROUTED TO	RT137	315.	12.00	53.	16.	16.	1.03
+	HYDROGRAPH AT	880139	379.	12.00	72.	22.	22.	1.24
+	4 COMBINED AT	8F139	2402.	12.25	679.	212.	212.	14.67
+	ROUTED TO	RT139	2379.	12.25	681.	212.	212.	14.67
+	HYDROGRAPH AT	880141	342.	11.92	53.	16.	16.	.91
+	2 COMBINED AT	8F141	2511.	12.25	731.	228.	228.	15.58
+	ROUTED TO	RT141	2506.	12.33	734.	228.	228.	15.58
+	HYDROGRAPH AT	880143	181.	11.92	34.	11.	11.	1.25
+	HYDROGRAPH AT	880145	326.	11.92	50.	15.	15.	.73
+	3 COMBINED AT	8F145	2689.	12.33	615.	255.	255.	17.41
+	ROUTED TO							

+	HYDROGRAPH AT	NBC147	354.	12.00	66.	20.	20.	1.29
+	ROUTED TO	RT147	343.	12.00	66.	20.	20.	1.29
+	HYDROGRAPH AT	NBC149	190.	11.92	32.	10.	10.	.62
+	2 COMBINED AT	DP149	621.	12.00	98.	30.	30.	1.50
+	ROUTED TO	RT149	609.	12.00	98.	30.	30.	1.50
+	HYDROGRAPH AT	NBC151	267.	11.92	40.	12.	12.	.77
+	2 COMBINED AT	DP151	721.	12.00	138.	43.	43.	2.67
+	ROUTED TO	RT151	700.	12.08	137.	42.	42.	2.67
+	HYDROGRAPH AT	NBC153	110.	12.00	24.	8.	8.	1.04
+	3 COMBINED AT	DP153	3319.	12.17	976.	305.	305.	21.12
+	ROUTED TO	RT153	3203.	12.42	961.	299.	299.	21.12
+	HYDROGRAPH AT	NBC155	27.	12.15	11.	4.	4.	1.03
+	HYDROGRAPH AT	NBC157	255.	11.92	41.	13.	13.	.72
+	ROUTED TO	RT157	256.	12.08	41.	13.	13.	.72
+	HYDROGRAPH AT	NBC159	199.	12.00	37.	11.	11.	.61
+	2 COMBINED AT	DP159	430.	12.00	78.	24.	24.	1.33
+	ROUTED TO	RT159	428.	12.08	78.	24.	24.	1.33
+	HYDROGRAPH AT	NBC161	204.	11.92	33.	10.	10.	.73
+	2 COMBINED AT	DP161	564.	12.08	111.	34.	34.	2.03
+	ROUTED TO	RT161	540.	12.17	110.	34.	34.	2.03
+	HYDROGRAPH AT	NBC163	38.	12.00	10.	4.	4.	.73
+	2 COMBINED AT	DP163	507.	12.17	110.	34.	34.	2.03

+	ROUTED TO	RT163	560.	12.25	120.	38.	38.	2.81
-	HYDROGRAPH AT	HYD165	12.	12.17	5.	2.	2.	.44
+	4 COMBINED AT	DP165	3747.	12.33	1097.	343.	343.	25.41
+	ROUTED TO	RT165	3720.	12.33	1097.	342.	342.	25.41
+	HYDROGRAPH AT	HYD169	25.	12.25	10.	3.	3.	.77
+	HYDROGRAPH AT	HYD167	39.	12.65	9.	3.	3.	.50
+	4 COMBINED AT	DP167	5857.	12.92	2236.	718.	718.	69.43
+	ROUTED TO	RT167	5834.	13.00	2225.	712.	712.	69.43
-	HYDROGRAPH AT	HYD173	17.	12.00	8.	3.	3.	1.01
+	ROUTED TO	RT173	16.	12.25	8.	3.	3.	1.01
+	HYDROGRAPH AT	HYD175	13.	12.17	9.	3.	3.	1.16
+	2 COMBINED AT	DP175	34.	12.33	16.	6.	6.	2.17
+	ROUTED TO	RT175	29.	12.75	16.	6.	6.	2.17
+	HYDROGRAPH AT	HYD177	24.	12.33	12.	5.	5.	1.40
+	2 COMBINED AT	DP177	51.	12.67	28.	10.	10.	3.57
+	ROUTED TO	RT177	51.	12.75	28.	10.	10.	3.57
+	HYDROGRAPH AT	HYD179	13.	12.33	6.	2.	2.	.73
-	2 COMBINED AT	DP179	62.	12.75	34.	13.	13.	4.30
+	ROUTED TO	RT179	62.	12.83	34.	13.	13.	4.30
+	HYDROGRAPH AT	HYD181	9.	12.17	3.	1.	1.	.16
+	HYDROGRAPH AT	HYD180	18.	12.50	8.	3.	3.	.65
+	4 COMBINED AT							

+	ROUTED TO	RT181	3876.	13.00	2267.	727.	727.	74.54
+	HYDROGRAPH AT	BC171	15.	12.00	5.	2.	2.	.35
+	HYDROGRAPH AT	BC182	18.	12.00	4.	2.	2.	.24
+	3 COMBINED AT	BP171	3909.	13.00	2275.	730.	730.	75.17
+	ROUTED TO	RT171	3892.	13.00	2275.	729.	729.	75.17
+	HYDROGRAPH AT	JV183	131.	12.08	27.	9.	9.	1.15
+	HYDROGRAPH AT	JV185	75.	12.00	14.	5.	5.	.71
+	2 COMBINED AT	BP185	150.	12.08	41.	14.	14.	1.86
+	ROUTED TO	RT185	144.	12.42	39.	13.	13.	1.86
+	HYDROGRAPH AT	JV187	40.	12.50	17.	6.	6.	1.09
+	3 COMBINED AT	BP187	3993.	13.00	2370.	743.	743.	78.12
+	ROUTED TO	RT187	3983.	13.08	2323.	747.	747.	78.12
+	HYDROGRAPH AT	BP191	6.	12.50	4.	1.	1.	.57
+	ROUTED TO	RT191	5.	12.57	4.	1.	1.	.57
+	HYDROGRAPH AT	BF193	37.	12.08	11.	4.	4.	.85
+	2 COMBINED AT	BP193	37.	12.08	13.	5.	5.	1.10
+	ROUTED TO	RT193	36.	12.17	15.	5.	5.	1.40
+	HYDROGRAPH AT	BF195	30.	12.00	17.	6.	6.	.80
+	2 COMBINED AT	BP195	105.	12.08	31.	11.	11.	2.00
+	ROUTED TO	RT195	102.	12.17	31.	11.	11.	2.00
+	HYDROGRAPH AT	BF197	22.	12.23	10.	3.	3.	.82
+	3 COMBINED AT							

+	ROUTED TO	RT197	6009.	13.17	2362.	757.	757.	80.64
+	HYDROGRAPH AT	BP199	84.	11.92	12.	4.	4.	.62
+	2 COMBINED AT	DP199	6021.	13.17	2370.	761.	761.	81.26
+	ROUTED TO	RT199	6017.	13.17	2361.	756.	756.	81.24
+	HYDROGRAPH AT	BP200	33.	12.55	15	5.	5.	.76
+	2 COMBINED AT	DP200	6046.	13.17	2376.	761.	761.	82.02
+	ROUTED TO	RT200	6043.	13.25	2376.	761.	761.	82.02
+	HYDROGRAPH AT	BP215	8.	12.53	5.	2.	2.	1.03
+	HYDROGRAPH AT	BP217	4.	13.33	3.	1.	1.	.83
+	2 COMBINED AT	DP217	11.	12.52	5.	3.	3.	1.34
+	ROUTED TO	RT217	11.	13.17	5.	3.	7.	1.84
+	HYDROGRAPH AT	BP218	74.	12.25	12.	4.	4.	.89
+	HYDROGRAPH AT	BP219	75.	12.17	11.	4.	4.	.81
+	2 COMBINED AT	DP219	74.	12.25	31.	11.	11.	3.23
+	ROUTED TO	RT219	72.	12.42	30.	11.	11.	3.23
+	HYDROGRAPH AT	BP221	45.	12.33	14.	6.	5.	.95
+	2 COMBINED AT	DP221	117.	12.42	46.	16.	16.	4.20
+	ROUTED TO	RT221	111.	12.35	45.	16.	16.	4.20
+	HYDROGRAPH AT	BP225	35.	12.25	15.	6.	5.	.88
+	2 COMBINED AT	DP225	154.	12.33	63.	22.	22.	5.07
+	ROUTED TO	RT225	153.	12.55	63.	22.	22.	5.07

+	HYDROGRAPH AT	SC225	13.	12.25	6.	2.	2.	.37
+	3 COMBINED AT	DP225	6157.	13.25	2441.	785.	785.	87.47
+	ROUTED TO	RT225	6183.	13.25	2443.	784.	784.	87.47
+	HYDROGRAPH AT	DMD201	417.	11.92	70.	22.	22.	1.16
+	ROUTED TO	RT201	414.	12.00	71.	22.	22.	1.16
+	HYDROGRAPH AT	DMD203	135.	11.92	25.	8.	8.	.77
+	2 COMBINED AT	DP203	637.	12.00	96.	30.	30.	1.93
+	ROUTED TO	RT203	618.	12.03	95.	30.	30.	1.93
+	HYDROGRAPH AT	DMD205	122.	12.00	28.	9.	9.	1.19
+	HYDROGRAPH AT	DMD206	54.	12.08	23.	7.	7.	.71
+	3 COMBINED AT	DP205	721.	12.03	146.	46.	46.	3.83
+	ROUTED TO	RT205	710.	12.08	145.	46.	46.	3.83
+	HYDROGRAPH AT	DMD207	82.	12.08	21.	7.	7.	.81
+	2 COMBINED AT	DP207	792.	12.08	166.	53.	53.	4.64
+	ROUTED TO	RT207	790.	12.17	167.	53.	53.	4.64
+	HYDROGRAPH AT	DMD209	30.	12.08	9.	3.	3.	.56
+	HYDROGRAPH AT	CV189	50.	12.00	15.	5.	5.	1.10
+	4 COMBINED AT	DP189	6373.	13.25	2583.	845.	845.	95.76
+	ROUTED TO	RT189	6332.	13.33	2580.	838.	838.	95.76
+	HYDROGRAPH AT	DMD211	30.	12.50	32.	11.	11.	1.34
+	HYDROGRAPH AT	MB225	51.	12.25	17.	6.	6.	.55

+	HYDROGRAPH AT	MB227	43.	11.92	9.	3.	3.	.43
+	2 COMBINED AT	DP227	75.	12.17	25.	9.	9.	1.38
+	ROUTED TO	RT227	73.	12.33	25.	8.	8.	1.38
+	HYDROGRAPH AT	MB228	26.	12.00	8.	2.	2.	.24
+	HYDROGRAPH AT	MB229	31.	12.17	9.	3.	3.	.44
+	ROUTED TO	RT229	26.	12.50	9.	3.	3.	.44
+	HYDROGRAPH AT	MB230	36.	12.28	11.	4.	4.	.45
+	4 COMBINED AT	DP230	143.	12.33	50.	17.	17.	2.52
+	ROUTED TO	RT230	144.	12.42	50.	17.	17.	2.52
+	HYDROGRAPH AT	MB231	35.	12.08	24.	8.	8.	1.07
+	HYDROGRAPH AT	MB232	19.	12.00	5.	2.	2.	.24
+	5 COMBINED AT	DP211	6483.	13.25	2674.	876.	876.	99.16
+	ROUTED TO	RT211	6483.	13.33	2681.	873.	873.	99.16
+	HYDROGRAPH AT	LR233	300.	12.08	65.	20.	20.	1.22
+	ROUTED TO	RT233	294.	12.17	65.	20.	20.	1.22
+	HYDROGRAPH AT	LR237	185.	12.00	31.	10.	10.	.87
+	HYDROGRAPH AT	LR239	109.	11.58	17.	6.	6.	.72
+	ROUTED TO	RT239	99.	11.92	17.	6.	6.	.72
+	3 COMBINED AT	DP237	479.	12.06	113.	36.	36.	2.61
+	ROUTED TO	RT237	451.	12.23	112.	35.	35.	2.61
+	HYDROGRAPH AT	LR241	67.	12.17	26.	9.	9.	1.11

	ROUTED TO	STATION	DATE	TIME	WIND	WAVE	SWELL	WAVE PERIOD
+	ROUTED TO	ST241	535.	12.25	137.	44.	44.	4.03
+	HYDROGRAPH AT	LR243	51.	12.08	15.	5.	5.	.71
+	HYDROGRAPH AT	MT233	104.	12.25	32.	11.	11.	1.47
+	4 COMBINED AT	OP240	9719.	13.33	2839.	933.	933.	105.37
-	ROUTED TO	ST243	6692.	13.42	2838.	929.	929.	105.37
+	HYDROGRAPH AT	B60246	6.	12.58	4.	2.	2.	1.02
+	ROUTED TO	ST246	4.	12.53	4.	2.	2.	1.02
+	HYDROGRAPH AT	B60247	7.	12.33	4.	2.	2.	.63
+	HYDROGRAPH AT	B60248	12.	12.52	5.	3.	3.	1.32
+	3 COMBINED AT	OP248	24.	12.53	16.	6.	6.	2.17
+	ROUTED TO	ST248	24.	12.52	16.	6.	6.	2.17
-	HYDROGRAPH AT	B60249	6.	12.17	3.	1.	1.	.39
+	HYDROGRAPH AT	B60250	26.	12.53	17.	7.	7.	2.36
-	ROUTED TO	ST250	26.	13.08	17.	7.	7.	2.36
+	HYDROGRAPH AT	B60251	17.	12.25	9.	4.	4.	1.25
+	4 COMBINED AT	OP251	69.	12.52	44.	17.	17.	6.17
+	ROUTED TO	ST251	68.	13.08	44.	17.	17.	6.17
-	HYDROGRAPH AT	B60252	21.	12.08	6.	3.	3.	.85
+	2 COMBINED AT	OP252	60.	13.08	51.	20.	20.	6.13
-	ROUTED TO	ST252	71.	13.39	sen error writing device PRN			
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	50.	16.	15.	9.13				
+	HYDROGRAPH AT	B60257	100.	12.01	4.	2.	2.	.63

+	2 COMBINED AT	DP253	102.	12.00	59.	25.	15.	10.01
+	ROUTED TO	RT253	74.	16.75	58.	20.	20.	10.01
+	HYDROGRAPH AT	BSC254	94.	12.25	28.	5.	5.	1.05
+	3 COMBINED AT	DP254	5723.	17.41	2599.	925.	959.	115.47
+	ROUTED TO	RT254	5717.	17.42	2593.	921.	951.	115.47
+	HYDROGRAPH AT	ELX255	25.	11.01	7.	1.	1.	.15
+	HYDROGRAPH AT	BW256	40.	11.16	11.	4.	4.	.59
+	ROUTED TO	RT256	27.	11.17	11.	4.	4.	.59
+	HYDROGRAPH AT	BW257	75.	11.50	10.	10.	10.	1.32
+	HYDROGRAPH AT	BW257	27.	11.17	5.	3.	3.	.44
+	3 COMBINED AT	DP258	115.	11.42	30.	17.	10.	2.73
+	ROUTED TO	RT258	107.	11.35	49.	17.	17.	2.35
+	HYDROGRAPH AT	BW258	55.	12.08	30.	7.	7.	1.05
+	4 COMBINED AT	DP245	4311.	10.42	2559.	975.	975.	121.15
+	ROUTED TO	RT245	4759.	13.50	2555.	974.	974.	120.11
+	HYDROGRAPH AT	ELX255	20.	13.00	12.	5.	3.	1.00
+	2 COMBINED AT	DP235	4805.	17.50	2721.	975.	975.	121.45
+	ROUTED TO	RT235	4801.	17.51	2719.	975.	975.	121.45
+	HYDROGRAPH AT	ELX257	1.	.05	1.	1.	1.	.01
+	ROUTED TO	RT257	1.	.05	1.	1.	1.	.01
+	HYDROGRAPH AT	ELX259	1.	11.55	1.	0.	0.	.10
+	HYDROGRAPH AT							

+	4 COMBINED AT	DP259	6814.	13.50	2979.	981.	981.	123.62
+	ROUTED TO	RT259	6763.	13.53	2967.	969.	969.	123.62
+	HYDROGRAPH AT	DV271	68.	12.08	21.	7.	7.	1.08
+	2 COMBINED AT	DP349	6784.	13.68	2981.	975.	975.	124.70
+	ROUTED TO	RT349	6772.	13.67	2962.	971.	971.	124.70
+	HYDROGRAPH AT	WMD273	6.	12.75	4.	2.	2.	.79
+	HYDROGRAPH AT	WMD275	106.	12.13	25.	9.	9.	.82
+	HYDROGRAPH AT	WMD277	139.	12.00	28.	11.	11.	.83
+	HYDROGRAPH AT	WMD279	123.	11.92	19.	8.	8.	.49
+	HYDROGRAPH AT	WMD281	100.	12.00	19.	8.	8.	.49
+	HYDROGRAPH AT	WMD283	426.	12.50	106.	43.	43.	.92
+	HYDROGRAPH AT	WMD285	362.	11.90	86.	38.	38.	1.22
-	7 COMBINED AT	DP283	1074.	11.92	294.	99.	99.	5.55
+	ROUTED TO	RT283	10.	.98	29.	29.	29.	5.55
+	ROUTED TO	RT283	29.	.98	29.	29.	29.	5.55
-	HYDROGRAPH AT	WMD287	156.	11.42	27.	8.	8.	.45
+	ROUTED TO	RT287	155.	12.00	27.	8.	8.	.45
+	HYDROGRAPH AT	WMD289	190.	12.00	28.	12.	12.	.56
+	HYDROGRAPH AT	WMD290	123.	12.00	29.	8.	8.	.57
+	HYDROGRAPH AT	WMD298	271.	12.00	35.	17.	17.	1.35
+	5 COMBINED AT	DP295	773.	12.00	173.	74.	74.	9.14

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+	HYDROGRAPH AT	WMC270	188.	12.00	36.	11.	11.	1.00
-	2 COMBINED AT	DP270	929.	12.08	210.	55.	55.	10.14
+	ROUTED TO	RT270	924.	12.08	210.	55.	55.	10.14
+	HYDROGRAPH AT	WMC275	319.	11.53	40.	12.	12.	.37
+	HYDROGRAPH AT	WMC301	223.	12.00	43.	13.	13.	.93
+	3 COMBINED AT	DP301	1244.	12.08	291.	111.	111.	11.34
+	ROUTED TO	RT301	1234.	12.08	291.	111.	111.	11.34
+	HYDROGRAPH AT	WMC303	184.	11.52	55.	17.	17.	1.19
+	HYDROGRAPH AT	WMC309	329.	11.52	33.	18.	18.	1.14
+	3 COMBINED AT	DP309	1737.	12.00	395.	144.	144.	14.18
+	ROUTED TO	RT309	1731.	12.08	402.	145.	145.	14.18
+	HYDROGRAPH AT	WMC251	341.	12.00	70.	22.	22.	1.36
+	ROUTED TO	RT251	338.	12.08	70.	21.	21.	1.36
+	HYDROGRAPH AT	WMC297	647.	12.08	130.	41.	41.	1.41
+	2 COMBINED AT	DP297	986.	12.08	202.	62.	62.	2.47
+	ROUTED TO	RT297	969.	12.17	201.	62.	62.	2.47
+	HYDROGRAPH AT	WMC305	235.	11.52	41.	13.	13.	1.12
+	HYDROGRAPH AT	WMC307	340.	11.53	52.	16.	16.	1.08
+	HYDROGRAPH AT	WMC310	386.	11.53	45.	15.	15.	.81
+	5 COMBINED AT	DP310	3196.	12.08	744.	251.	251.	19.69
+	ROUTED TO	RT310	3175.	12.08	744.	251.	251.	19.69

+	HYDROGRAPH AT	WMC313	23.	12.00	5.	2.	2.	.40
+	3 COMBINED AT	DP313	3237.	12.08	755.	257.	257.	20.83
+	ROUTED TO	RT313	3218.	12.17	766.	258.	258.	20.83
+	HYDROGRAPH AT	WMC315	416.	11.92	65.	20.	20.	1.09
+	2 COMBINED AT	DP315	3440.	12.17	830.	278.	278.	21.93
+	ROUTED TO	RT315	3439.	12.17	830.	277.	277.	21.93
+	HYDROGRAPH AT	WMC317	42.	12.17	15.	5.	5.	1.20
+	2 COMBINED AT	DP317	3481.	12.17	845.	285.	285.	23.12
+	ROUTED TO	RT317	3473.	12.25	849.	282.	282.	23.12
+	HYDROGRAPH AT	WMC319	21.	12.33	6.	3.	3.	.51
+	HYDROGRAPH AT	KD349	1.	13.75	0.	0.	0.	1.25
+	4 COMBINED AT	DP319	7520.	13.67	3141.	1256.	1256.	149.58
+	ROUTED TO	RT319	7519.	13.67	3140.	1255.	1255.	149.58
+	HYDROGRAPH AT	KD323	2.	17.67	2.	1.	1.	1.67
+	ROUTED TO	RT323	2.	17.83	2.	1.	1.	1.67
+	HYDROGRAPH AT	KD321	17.	12.50	10.	4.	4.	1.71
+	HYDROGRAPH AT	KD327	11.	12.50	6.	2.	2.	.84
+	3 COMBINED AT	DP327	29.	12.50	17.	7.	7.	3.82
+	ROUTED TO	RT327	28.	12.50	17.	7.	7.	3.82
+	HYDROGRAPH AT	KD331	8.	12.87	5.	2.	2.	.68
+	HYDROGRAPH AT	KD325	14.	12.85	8.	3.	3.	1.13

+	HYDROGRAPH AT	K0333	10.	13.25	7.	3.	3.	1.36
+	4 COMBINED AT	DP331	37.	13.08	37.	14.	14.	5.59
+	ROUTED TO	RT331	37.	13.17	37.	14.	14.	5.59
-	HYDROGRAPH AT	K0335	6.	13.17	6.	2.	2.	1.14
+	2 COMBINED AT	DP335	45.	13.17	42.	16.	16.	5.12
+	ROUTED TO	RT335	45.	13.25	42.	16.	16.	5.12
+	HYDROGRAPH AT	K0337	22.	12.42	11.	4.	4.	1.05
+	2 COMBINED AT	DP337	52.	13.05	52.	20.	20.	5.17
+	ROUTED TO	RT337	51.	13.35	52.	20.	20.	5.17
+	HYDROGRAPH AT	K0338	29.	12.92	17.	5.	4.	2.03
+	HYDROGRAPH AT	K0339	31.	12.17	12.	4.	4.	.93
+	3 COMBINED AT	DP339	123.	13.25	78.	30.	30.	12.13
+	ROUTED TO	RT339	114.	13.75	77.	29.	29.	12.13
+	HYDROGRAPH AT	K0341	18.	12.50	8.	3.	3.	1.00
+	HYDROGRAPH AT	K0343	22.	12.25	10.	4.	4.	1.03
+	HYDROGRAPH AT	K0345	24.	12.33	11.	4.	4.	.95
-	4 COMBINED AT	DP345	151.	13.67	102.	40.	40.	13.18
+	ROUTED TO	RT345	145.	14.00	101.	39.	39.	13.18
+	HYDROGRAPH AT	K0347	55.	12.33	22.	7.	7.	1.11
+	2 COMBINED AT	DP347	109.	13.92	115.	45.	45.	14.28
+	ROUTED TO	RT347	104.	14.25	113.	45.	45.	14.28

	RT347	182.	14.38	117.	44.	44.	18.28
HYDROGRAPH AT							
1 COMBINED AT	RT351	1.	13.83	0.	0.	0.	1.02
ROUTED TO							
HYDROGRAPH AT	RT351	7642.	13.87	3743.	1299.	1299.	181.85
2 COMBINED AT							
ROUTED TO							
HYDROGRAPH AT	RT351	7637.	13.87	3744.	1298.	1298.	181.89
3 COMBINED AT							
ROUTED TO							
HYDROGRAPH AT	RT362	84.	12.18	17.	8.	8.	1.13
2 COMBINED AT							
ROUTED TO							
HYDROGRAPH AT	RT362	7634.	12.87	3711.	1314.	1314.	188.78
2 COMBINED AT							
ROUTED TO							
HYDROGRAPH AT	RT362	7627.	12.87	3710.	1302.	1302.	188.86
3 COMBINED AT							
ROUTED TO							
HYDROGRAPH AT	RT363	14.	12.17	1.	2.	2.	.33
2 COMBINED AT							
ROUTED TO							
HYDROGRAPH AT	RT363	7631.	12.87	3715.	1313.	1313.	188.41
2 COMBINED AT							
ROUTED TO							
HYDROGRAPH AT	RT363	7613.	12.75	3714.	1302.	1302.	188.41
3 COMBINED AT							
ROUTED TO							
HYDROGRAPH AT	RT383	4.	15.53	2.	1.	1.	1.06
2 COMBINED AT							
ROUTED TO							
HYDROGRAPH AT	RT383	7630.	12.75	3717.	1303.	1303.	188.47
2 COMBINED AT							
ROUTED TO							
HYDROGRAPH AT	RT383	7609.	12.75	3718.	1300.	1300.	188.47
3 COMBINED AT							
ROUTED TO							
HYDROGRAPH AT	RT423	1.	12.42	2.	1.	1.	.38
2 COMBINED AT							
ROUTED TO							
HYDROGRAPH AT	RT423	7612.	12.75	3771.	1301.	1301.	188.88
2 COMBINED AT							
ROUTED TO							
HYDROGRAPH AT	RT423	7607.	12.83	3771.	1297.	1297.	188.88
3 COMBINED AT							
ROUTED TO							
HYDROGRAPH AT	RT423	21.	12.65	8.	3.	3.	.98
HYDROGRAPH AT							
ROUTED TO							
HYDROGRAPH AT	RT425	198.	12.25	54.	17.	17.	1.56
ROUTED TO							
HYDROGRAPH AT	RT425	49.	12.75	43.	17.	17.	1.81
ROUTED TO							
HYDROGRAPH AT	RT425	49.	12.75	43.	17.	17.	1.81
ROUTED TO							
HYDROGRAPH AT	RT427	186.	12.17	42.	13.	13.	.80
ROUTED TO							

ROUTED TO	RT427	55.	12.75	42.	13.	13.	.50		
HYDROGRAPH AT	SPC428	136.	12.17	31.	8.	9.	.57		
HYDROGRAPH AT	SPC429	98.	12.25	25.	8.	8.	.77		
HYDROGRAPH AT	SPC430	49.	12.17	8.	3.	3.	.14		
ROUTED TO	REB430	8.	13.83	8.	3.	3.	.14	4362.87	17.92
ROUTED TO	RT430	8.	13.92	8.	3.	3.	.14		
HYDROGRAPH AT	SPC431	75.	12.17	18.	8.	8.	.26		
6 COMBINED AT	SP427	399.	12.33	151.	55.	55.	3.63		
ROUTED TO	RT427	399.	12.33	151.	55.	55.	3.63		
HYDROGRAPH AT	PC417	23.	12.17	9.	3.	3.	.81		
HYDROGRAPH AT	PC418	30.	12.33	9.	3.	3.	.78		
ROUTED TO	RT418	17.	12.75	8.	3.	3.	.78		
HYDROGRAPH AT	PC417	4.	13.52	3.	1.	1.	.87		
3 COMBINED AT	SP417	35.	12.67	20.	8.	8.	2.46		
ROUTED TO	RT417	34.	12.75	20.	8.	8.	2.46		
HYDROGRAPH AT	PC419	0.	13.58	0.	0.	0.	.34		
2 COMBINED AT	SP419	34.	13.75	20.	8.	8.	3.10		
ROUTED TO	RT419	34.	12.75	20.	8.	8.	2.00		
HYDROGRAPH AT	PC421	49.	12.62	24.	8.	8.	1.31		
2 COMBINED AT	SP421	82.	12.83	44.	15.	15.	4.32		
ROUTED TO	RT421	82.	12.83	44.	14.	14.	4.32		

+		BPD433	87.	12.17	21.	6.	6.	.38
	3 COMBINED AT							
+		BP433	503.	12.33	224.	77.	77.	8.33
	ROUTED TO							
+		RT433	499.	12.42	223.	76.	76.	8.32
	HYDROGRAPH AT							
-		BPD435	365.	12.17	82.	25.	25.	.94
	4 COMBINED AT							
+		BP435	7934.	11.83	4055.	1401.	1401.	177.80
	ROUTED TO							
+		RT435	7911.	11.83	4051.	1397.	1397.	175.80
	HYDROGRAPH AT							
+		DRY355	103.	11.83	18.	6.	6.	.80
	ROUTED TO							
+		RT355	103.	11.92	18.	6.	6.	.80
	HYDROGRAPH AT							
+		DRY359	95.	11.92	17.	6.	6.	.64
	2 COMBINED AT							
+		BP359	200.	11.92	35.	12.	12.	1.44
	ROUTED TO							
+		RT359	185.	12.00	35.	11.	11.	1.44
	HYDROGRAPH AT							
+		BP357	141.	11.83	22.	7.	7.	.73
	2 COMBINED AT							
+		BP357	286.	12.00	57.	18.	18.	2.17
	ROUTED TO							
+		RT357	203.	12.25	55.	18.	18.	2.17
	HYDROGRAPH AT							
+		BP351	210.	12.25	55.	17.	17.	2.27
	HYDROGRAPH AT							
+		BP437	16.	12.50	9.	3.	3.	1.13
	ROUTED TO							
+		RT437	13.	12.67	8.	3.	3.	1.19
	HYDROGRAPH AT							
+		BP435	7.	12.50	4.	1.	1.	.50
	2 COMBINED AT							
+		BP439	22.	12.67	12.	5.	5.	1.69
	ROUTED TO							
+		RT439	22.	12.83	12.	5.	5.	1.69
	HYDROGRAPH AT							
+		BP441	17.	12.75	11.	4.	4.	1.70
	2 COMBINED AT							
+		BP441	38.	12.75	23.	9.	9.	3.39

+	ROUTED TO	RT441	35.	13.67	22.	8.	8.	3.39
+	HYDROGRAPH AT	CD443	7.	16.50	3.	1.	1.	1.47
+	HYDROGRAPH AT	CD445	21.	12.50	11.	4.	4.	1.26
+	ROUTED TO	RT445	20.	12.75	11.	4.	4.	1.24
+	HYDROGRAPH AT	CD447	12.	12.67	7.	3.	3.	.96
+	4 COMBINED AT	DP445	62.	13.50	41.	16.	16.	7.09
+	ROUTED TO	RT445	62.	13.67	41.	16.	16.	7.09
+	HYDROGRAPH AT	CD449	7.	13.35	5.	2.	2.	1.10
+	2 COMBINED AT	DP449	68.	13.55	46.	15.	15.	8.19
+	ROUTED TO	RT449	68.	13.75	46.	17.	17.	8.19
+	HYDROGRAPH AT	CD451	15.	12.42	8.	3.	3.	.70
+	ROUTED TO	RT451	15.	12.50	8.	3.	3.	.70
+	HYDROGRAPH AT	CD453	39.	12.42	13.	5.	5.	1.24
+	3 COMBINED AT	DP453	94.	13.55	64.	25.	25.	10.15
+	ROUTED TO	RT453	93.	13.75	64.	25.	25.	10.15
+	HYDROGRAPH AT	CD455	8.	13.00	5.	2.	2.	.99
+	ROUTED TO	RT455	8.	13.05	5.	2.	2.	.99
+	HYDROGRAPH AT	CD457	1.	23.67	0.	0.	0.	.59
+	3 COMBINED AT	DP457	100.	13.75	69.	27.	27.	11.93
+	ROUTED TO	RT457	100.	13.72	69.	26.	26.	11.96
+	HYDROGRAPH AT	CD459	1.	23.67	0.	0.	0.	.97
+	ROUTED TO	RT459	1.	23.75	0.	0.	0.	.97

+		00461	13.	12.67	8.	3.	3.	1.07
	2 COMBINED AT							
+		0P461	13.	12.67	8.	3.	3.	2.04
	ROUTED TO							
+		RT461	13.	12.83	8.	3.	3.	2.14
	HYDROGRAPH AT							
+		00463	1.	23.58	1.	0.	0.	1.04
	2 COMBINED AT							
+		0P463	13.	12.83	8.	3.	3.	3.05
	ROUTED TO							
+		RT463	13.	13.00	8.	3.	3.	3.05
	HYDROGRAPH AT							
+		00465	142.	12.25	43.	14.	14.	1.76
	3 COMBINED AT							
+		0P465	151.	13.50	113.	44.	44.	15.74
	ROUTED TO							
+		RT465	151.	13.53	117.	45.	45.	16.74
	HYDROGRAPH AT							
+		00467	502.	12.17	113.	35.	35.	1.21
	2 COMBINED AT							
+		0P467	587.	12.25	118.	78.	78.	17.95
	ROUTED TO							
+		RT467	591.	12.25	119.	77.	77.	17.95
	HYDROGRAPH AT							
+		00469	302.	12.17	59.	21.	21.	.89
	1 COMBINED AT							
+		0P469	384.	12.25	267.	59.	59.	16.54
	ROUTED TO							
+		RT469	378.	12.33	288.	59.	55.	15.34
	HYDROGRAPH AT							
+		00471	246.	12.17	54.	17.	17.	.75
	2 COMBINED AT							
+		0P471	1106.	12.25	744.	115.	115.	15.57
	ROUTED TO							
+		RT471	1103.	12.33	744.	115.	115.	15.57
	HYDROGRAPH AT							
+		00473	147.	12.17	34.	10.	10.	.47
	2 COMBINED AT							
+		0P473	1234.	12.33	377.	125.	125.	20.04
	ROUTED TO							
+		RT473	1230.	12.42	378.	125.	125.	20.04
	HYDROGRAPH AT							
+		00475	95.	12.17	29.	6.	6.	.24

+	12.42	DP473	1237.	12.42	337.	131.	131.	20.23
	ROUTED TO							
+		BT473	1233.	12.42	333.	130.	130.	20.22
	HYDROGRAPH AT							
+		DP477	31.	11.17	12.	4.	4.	1.15
	3 COMBINED AT							
+		DP361	8331.	13.33	4331.	1361.	1361.	217.14
	ROUTED TO							
+		BT361	8332.	13.33	4333.	1362.	1362.	203.13
	HYDROGRAPH AT							
+		DP375	151.	11.08	41.	13.	13.	1.13
	2 COMBINED AT							
+		DP375	3437.	17.33	4337.	1375.	1375.	204.31
	ROUTED TO							
+		BT375	3437.	17.33	4337.	1375.	1375.	204.31
	HYDROGRAPH AT							
+		DP473	124.	11.17	46.	15.	15.	1.10
	2 COMBINED AT							
+		DP473	3419.	14.00	4309.	1333.	1333.	203.91
	ROUTED TO							
+		BT473	3417.	14.00	4307.	1331.	1331.	203.90
	HYDROGRAPH AT							
+		DP375	35.	11.08	33.	8.	8.	1.06
	2 COMBINED AT							
+		DP375	3433.	14.00	4333.	1333.	1333.	203.93
	ROUTED TO							
+		BT375	3421.	14.00	4323.	1333.	1333.	203.93
	HYDROGRAPH AT							
+		DP377	253.	12.00	43.	15.	15.	1.51
	ROUTED TO							
+		BT377	241.	12.08	47.	15.	15.	1.50
	HYDROGRAPH AT							
+		BR378	36.	11.02	5.	7.	7.	1.01
	3 COMBINED AT							
+		DP373	3441.	14.00	4341.	1334.	1334.	203.17
	ROUTED TO							
+		BT373	3443.	14.00	4344.	1331.	1331.	203.17
	HYDROGRAPH AT							
+		DP373	413.	11.02	70.	11.	11.	1.53
	ROUTED TO							
+		BT373	413.	12.00	70.	11.	11.	1.53
	HYDROGRAPH AT							
+		BR373	131.	11.17	35.	11.	11.	1.57

+	3 COMBINED AT	DP379	8503.	14.00	4731.	1634.	1634.	209.88
+	ROUTED TO	RT379	8493.	14.08	4729.	1630.	1630.	209.88
+	HYDROGRAPH AT	TS301	82.	11.82	13.	4.	4.	.34
+	2 COMBINED AT	DP301	8500.	14.06	4737.	1634.	1634.	210.22
+	ROUTED TO	RT301	8489.	14.17	4742.	1638.	1638.	210.22
+	HYDROGRAPH AT	TS499	134.	11.75	17.	5.	5.	.35
+	ROUTED TO	RT499	137.	11.83	18.	5.	5.	.35
+	HYDROGRAPH AT	TS481	148.	11.87	50.	28.	28.	.89
+	ROUTED TO	RT481	153.	11.92	51.	28.	28.	.89
+	HYDROGRAPH AT	TS483	708.	11.82	116.	36.	36.	1.40
+	2 COMBINED AT	DP483	1241.	11.82	205.	63.	63.	2.33
+	ROUTED TO	RT483	1233.	11.82	208.	63.	63.	2.33
+	HYDROGRAPH AT	TS485	511.	11.82	78.	24.	24.	1.12
+	ROUTED TO	RT485	508.	11.82	78.	24.	24.	1.12
+	HYDROGRAPH AT	TS487	398.	11.82	50.	18.	18.	.70
+	ROUTED TO	RT487	393.	12.00	51.	17.	17.	.70
+	HYDROGRAPH AT	TS489	788.	11.82	117.	35.	35.	1.35
+	4 COMBINED AT	DP489	2560.	11.82	471.	143.	143.	5.35
+	ROUTED TO	RT489	2593.	12.00	472.	143.	143.	5.35
+	HYDROGRAPH AT	TS491	532.	11.83	84.	26.	26.	1.10
+	ROUTED TO	RT491	591.	11.83	84.	26.	26.	1.10
+	HYDROGRAPH AT	TS493	458.	11.75	50.	15.	15.	.75

+	1 COMBINED AT	DP493	3455.	11.92	606.	186.	186.	7.44
+	ROUTED TO	RT493	3396.	12.00	607.	185.	185.	7.44
+	HYDROGRAPH AT	TS495	440.	12.17	99.	30.	30.	.39
+	1 COMBINED AT	DP495	3997.	12.00	705.	216.	216.	5.42
+	ROUTED TO	RT495	3883.	12.03	703.	213.	213.	5.42
+	HYDROGRAPH AT	TS497	316.	12.35	78.	24.	24.	.59
+	2 COMBINED AT	DP497	4154.	12.03	791.	237.	237.	5.32
+	ROUTED TO	RT497	4114.	12.05	781.	237.	237.	5.32
+	HYDROGRAPH AT	TS505	142.	11.92	35.	11.	11.	.41
+	4 COMBINED AT	DP505	5728.	14.08	5419.	1582.	1582.	220.30
+	ROUTED TO	RT505	5721.	14.08	5417.	1581.	1581.	220.30
+	HYDROGRAPH AT	TS5081	108.	12.00	23.	8.	8.	1.05
+	ROUTED TO	RT5081	101.	12.05	23.	8.	8.	1.05
+	HYDROGRAPH AT	TS5085	415.	12.03	83.	26.	26.	1.33
+	ROUTED TO	RT5085	415.	12.05	83.	26.	26.	1.33
+	HYDROGRAPH AT	TS5083	14.	12.17	7.	2.	2.	.38
+	3 COMBINED AT	DP5083	529.	12.08	112.	35.	35.	5.05
+	ROUTED TO	RT5083	515.	12.17	112.	33.	33.	5.05
+	HYDROGRAPH AT	TS5087	44.	12.25	13.	5.	5.	1.00
+	2 COMBINED AT	DP5087	559.	12.17	128.	41.	41.	4.05
+	ROUTED TO	RT5087	535.	12.17	127.	41.	41.	4.05
+	HYDROGRAPH AT	TS5089	23.	12.92	11.	4.	4.	.58

+	1 COMBINED AT	DP389	545.	12.17	138.	44.	44.	4.84
+	ROUTED TO							
+		RT389	563.	12.25	139.	44.	44.	4.84
+	HYDROGRAPH AT							
+		DB0391	182.	12.00	35.	11.	11.	1.07
+	2 COMBINED AT							
+		DP391	672.	12.25	173.	55.	55.	5.50
+	ROUTED TO							
+		RT391	698.	12.25	174.	55.	55.	5.50
+	HYDROGRAPH AT							
+		DB0393	373.	12.00	56.	17.	17.	1.21
+	3 COMBINED AT							
+		DP393	9082.	14.08	3643.	1953.	1953.	227.42
+	ROUTED TO							
+		RT393	9078.	14.17	3641.	1948.	1948.	227.42
+	HYDROGRAPH AT							
+		DB0395	213.	12.25	55.	18.	18.	1.57
+	ROUTED TO							
+		RT395	212.	12.25	56.	18.	18.	1.57
+	HYDROGRAPH AT							
+		DB0397	6.	11.92	3.	1.	1.	.51
+	2 COMBINED AT							
+		DP397	219.	12.25	55.	19.	19.	2.08
+	ROUTED TO							
+		RT397	217.	12.33	58.	19.	19.	2.08
+	HYDROGRAPH AT							
+		DB0399	136.	12.17	32.	10.	10.	1.04
+	3 COMBINED AT							
+		DP399	9138.	14.17	5730.	1977.	1977.	230.54
+	ROUTED TO							
+		RT399	9130.	14.25	5729.	1968.	1968.	230.54
+	HYDROGRAPH AT							
+		ME8401	193.	12.00	38.	11.	11.	1.00
+	2 COMBINED AT							
+		DP401	9145.	14.25	5759.	1979.	1979.	231.14
+	ROUTED TO							
+		RT401	9139.	14.25	5754.	1976.	1976.	231.14
+	HYDROGRAPH AT							
+		PAP509	129.	12.67	48.	15.	15.	1.25
+	ROUTED TO							
+		RT509	129.	12.75	47.	15.	15.	1.25
+	HYDROGRAPH AT							
+		PAP511	190.	12.33	53.	16.	16.	1.17

+	ROUTED TO	DP511	295.	12.42	100.	31.	31.	2.46
+	HYDROGRAPH AT	RT511	295.	12.50	100.	31.	31.	2.46
+	3 COMBINED AT	RO5507	198.	11.53	30.	9.	9.	.72
+	ROUTED TO	DP507	9235.	14.25	5871.	2016.	2016.	234.32
+	HYDROGRAPH AT	RT507	9235.	14.33	5872.	2009.	2009.	234.32
+	HYDROGRAPH AT	ME5405	122.	11.92	28.	9.	9.	.56
+	HYDROGRAPH AT	DP513	55.	12.00	10.	3.	3.	.27
+	3 COMBINED AT	DP513	9241.	14.33	5896.	2020.	2020.	235.16
+	ROUTED TO	RT513	9232.	14.33	5896.	2016.	2016.	235.16
+	HYDROGRAPH AT	ME5406	122.	11.92	28.	9.	9.	.82
+	HYDROGRAPH AT	ME5407	126.	12.33	36.	11.	11.	.98
+	3 COMBINED AT	DP407	256.	12.00	64.	20.	20.	1.71
+	ROUTED TO	RT407	235.	12.08	64.	20.	20.	1.71
+	HYDROGRAPH AT	ME5408	120.	11.83	18.	8.	8.	.62
+	3 COMBINED AT	DP408	9279.	14.33	5860.	2040.	2040.	237.39
+	ROUTED TO	RT408	9248.	14.42	5837.	2021.	2020.	237.39
+	HYDROGRAPH AT	ME5411	136.	12.00	38.	11.	11.	.54
+	HYDROGRAPH AT	ME5415	78.	11.92	14.	4.	4.	.47
+	3 COMBINED AT	DP515	9271.	14.42	5867.	2036.	2036.	238.71

*** NORMAL END OF REC-1 ***

END OF DATA.