

PEAK FLOW	TIME	6-HR	24-HR	72-HR	29.90-HR	DA MON HRMN CRD	OUTFLOW	STORAGE	STAGE	DA MON HRMN CRD	OUTFLOW	STORAGE	STAGE
1	0842 88	0.000	0.000	1.285	0.580	2	0442 288	0.480	620.3	2	0442 288	0.480	620.3
1	0848 89	0.000	0.000	1.274	0.580	2	0448 289	0.479	620.2	2	0448 289	0.479	620.2
1	0854 90	0.000	0.000	1.267	0.579	2	0454 290	0.478	620.2	2	0454 290	0.478	620.2
1	0900 91	0.000	0.000	1.261	0.579	2	0500 291	0.476	620.2	2	0500 291	0.476	620.2
1	0906 92	0.000	0.000	1.257	0.578	2	0506 292	0.475	620.2	2	0506 292	0.475	620.2
1	0912 93	0.000	0.000	1.232	0.578	2	0512 293	0.474	620.2	2	0512 293	0.474	620.2
1	0918 94	0.000	0.000	1.191	0.577	2	0518 294	0.472	620.1	2	0518 294	0.472	620.1
1	0924 95	0.000	0.000	1.179	0.577	2	0524 295	0.471	620.1	2	0524 295	0.471	620.1
1	0930 96	0.000	0.000	1.186	0.577	2	0530 296	0.470	620.1	2	0530 296	0.470	620.1
1	0936 97	0.002	0.000	1.189	0.577	2	0536 297	0.468	620.1	2	0536 297	0.468	620.1
1	0942 98	0.005	0.001	1.188	0.577	2	0542 298	0.467	620.1	2	0542 298	0.467	620.1
1	0948 99	0.012	0.002	1.159	0.577	2	0548 299	0.466	620.0	2	0548 299	0.466	620.0
1	0954 100	0.023	0.004	1.156	0.577	2	0554 300	0.464	620.0	2	0554 300	0.464	620.0

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PEAK STORAGE	TIME	6-HR	24-HR	72-HR	29.90-HR
+	(AC-FT)	0.000	0.000	0.000	0.000
+	(FEET)	0.000	0.000	0.000	0.000
+	(AC-FT)	0.000	0.000	0.000	0.000
+	(FEET)	0.000	0.000	0.000	0.000

CUMULATIVE AREA = 0.02 SQ MI

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HYDROGRAPH AT STATION ROUTEB  
PLAN I, RATIO = 7.20

DA MON HRMN CRD	OUTFLOW	STORAGE	STAGE	DA MON HRMN CRD	OUTFLOW	STORAGE	STAGE
1	0000	0.000	616.0	1	2000	201	621.3
1	0006	0.000	616.0	1	2006	202	621.3
1	0012	0.000	616.0	1	2012	203	621.3
1	0018	0.000	616.0	1	2018	204	621.3
1	0024	0.000	616.0	1	2024	205	621.3
1	0030	0.000	616.0	1	2030	206	621.3
1	0036	0.000	616.0	1	2036	207	621.3
1	0042	0.000	616.0	1	2042	208	621.3
1	0048	0.000	616.0	1	2048	209	621.3
1	0054	0.000	616.0	1	2054	210	621.3
1	0100	0.000	616.0	1	2100	211	621.3
1	0106	0.000	616.0	1	2106	212	621.3
1	0112	0.000	616.0	1	2112	213	621.3
1	0118	0.000	616.0	1	2118	214	621.3
1	0124	0.000	616.0	1	2124	215	621.3
1	0130	0.000	616.0	1	2130	216	621.3
1	0136	0.000	616.0	1	2136	217	621.3
1	0142	0.000	616.0	1	2142	218	621.3
1	0148	0.000	616.0	1	2148	219	621.3
1	0154	0.000	616.0	1	2154	220	621.3
1	0200	0.000	616.0	1	2200	221	621.3
1	0206	0.000	616.0	1	2206	222	621.3
1	0212	0.000	616.0	1	2212	223	621.3
1	0218	0.000	616.0	1	2218	224	621.3
1	0224	0.000	616.0	1	2224	225	621.3
1	0230	0.000	616.0	1	2230	226	621.3
1	0236	0.000	616.0	1	2236	227	621.3

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0242	28	0.000	0.000	616.0	*	1	1242	128	31.682	1.088	623.3	*	1	2242	228	1.039	0.574	621.3		
0248	29	0.000	0.000	616.0	*	1	1248	129	27.503	0.974	622.9	*	1	2248	229	1.022	0.573	621.3		
0254	30	0.000	0.000	616.0	*	1	1254	130	22.882	0.870	622.5	*	1	2254	230	1.009	0.573	621.3		
0300	31	0.000	0.000	616.0	*	1	1300	131	18.434	0.787	622.2	*	1	2300	231	1.000	0.572	621.3		
0306	32	0.000	0.000	616.0	*	1	1306	132	13.959	0.734	622.0	*	1	2306	232	0.994	0.572	621.3		
0312	33	0.000	0.000	616.0	*	1	1312	133	8.959	0.708	621.9	*	1	2312	233	0.989	0.572	621.3		
0318	34	0.000	0.000	616.0	*	1	1318	134	4.346	0.696	621.8	*	1	2318	234	0.985	0.572	621.3		
0324	35	0.000	0.000	616.0	*	1	1324	135	0.354	0.689	621.8	*	1	2324	235	0.983	0.572	621.3		
0330	36	0.000	0.000	616.0	*	1	1330	136	7.023	0.685	621.8	*	1	2330	236	0.981	0.572	621.3		
0336	37	0.000	0.000	616.0	*	1	1336	137	6.616	0.682	621.7	*	1	2336	237	0.980	0.572	621.3		
0342	38	0.000	0.000	616.0	*	1	1342	138	6.241	0.679	621.7	*	1	2342	238	0.979	0.572	621.3		
0348	39	0.000	0.000	616.0	*	1	1348	139	5.827	0.675	621.7	*	1	2348	239	0.979	0.572	621.3		
0354	40	0.000	0.000	616.0	*	1	1354	140	5.520	0.673	621.7	*	1	2354	240	0.978	0.572	621.3		
0400	41	0.000	0.000	616.0	*	1	1400	141	5.290	0.671	621.7	*	2	0000	241	0.952	0.571	621.3		
0406	42	0.000	0.000	616.0	*	1	1406	142	5.064	0.669	621.7	*	2	0006	242	0.854	0.569	621.2		
0412	43	0.000	0.000	616.0	*	1	1412	143	4.903	0.668	621.7	*	2	0012	243	0.697	0.565	621.2		
0418	44	0.000	0.000	616.0	*	1	1418	144	4.817	0.668	621.7	*	2	0018	244	0.537	0.561	621.2		
0424	45	0.000	0.000	616.0	*	1	1424	145	4.714	0.666	621.7	*	2	0024	245	0.529	0.557	621.2		
0430	46	0.000	0.000	616.0	*	1	1430	146	4.602	0.664	621.7	*	2	0030	246	0.528	0.553	621.2		
0436	47	0.000	0.000	616.0	*	1	1436	147	4.483	0.661	621.7	*	2	0036	247	0.528	0.548	621.2		
0442	48	0.000	0.000	616.0	*	1	1442	148	4.404	0.659	621.6	*	2	0042	248	0.527	0.544	621.1		
0448	49	0.000	0.000	616.0	*	1	1448	149	4.335	0.657	621.6	*	2	0048	249	0.526	0.540	621.1		
0454	50	0.000	0.000	616.0	*	1	1454	150	4.215	0.654	621.6	*	2	0054	250	0.525	0.535	621.1		
0500	51	0.000	0.000	616.0	*	1	1500	151	4.047	0.650	621.6	*	2	0100	251	0.524	0.531	621.1		
0512	53	0.000	0.000	616.0	*	1	1512	153	3.907	0.646	621.6	*	2	0106	252	0.524	0.527	621.1		
0518	54	0.000	0.000	616.0	*	1	1518	154	3.840	0.645	621.6	*	2	0112	253	0.523	0.522	621.1		
0524	55	0.000	0.000	616.0	*	1	1524	155	3.791	0.644	621.6	*	2	0118	254	0.522	0.518	621.0		
0530	56	0.000	0.000	616.0	*	1	1530	156	3.633	0.639	621.6	*	2	0124	255	0.521	0.514	621.0		
0536	57	0.000	0.000	616.0	*	1	1536	157	3.537	0.637	621.6	*	2	0130	256	0.520	0.509	621.0		
0542	58	0.000	0.000	616.0	*	1	1542	158	3.437	0.635	621.5	*	2	0136	257	0.519	0.505	621.0		
0548	59	0.000	0.000	616.0	*	1	1548	159	3.383	0.633	621.5	*	2	0142	258	0.518	0.501	620.9		
0554	60	0.000	0.000	616.0	*	1	1554	160	3.337	0.632	621.5	*	2	0148	259	0.517	0.497	620.9		
0600	61	0.000	0.000	616.0	*	1	1600	161	3.337	0.632	621.5	*	2	0154	260	0.516	0.492	620.9		
0606	62	0.000	0.000	616.0	*	1	1606	162	3.463	0.635	621.5	*	2	0200	261	0.515	0.488	620.9		
0612	63	0.000	0.000	616.0	*	1	1612	163	3.565	0.638	621.5	*	2	0206	262	0.514	0.484	620.8		
0618	64	0.000	0.000	616.0	*	1	1618	164	3.518	0.637	621.5	*	2	0212	263	0.513	0.480	620.8		
0624	65	0.000	0.000	616.0	*	1	1624	165	3.401	0.634	621.5	*	2	0218	264	0.512	0.475	620.8		
0630	66	0.000	0.000	616.0	*	1	1630	166	3.258	0.630	621.5	*	2	0224	265	0.511	0.471	620.8		
0636	67	0.000	0.000	616.0	*	1	1636	167	3.088	0.626	621.5	*	2	0230	266	0.511	0.467	620.8		
0642	68	0.000	0.000	616.0	*	1	1642	168	2.953	0.622	621.5	*	2	0236	267	0.509	0.463	620.7		
0648	69	0.000	0.000	616.0	*	1	1648	169	2.866	0.620	621.5	*	2	0242	268	0.508	0.458	620.7		
0700	71	0.000	0.000	616.0	*	1	1700	171	2.751	0.617	621.5	*	2	0248	269	0.507	0.454	620.7		
0706	72	0.000	0.000	616.0	*	1	1706	172	2.568	0.612	621.4	*	2	0254	270	0.505	0.450	620.6		
0712	73	0.000	0.000	616.0	*	1	1712	173	2.342	0.607	621.4	*	2	0300	271	0.504	0.446	620.6		
0718	74	0.000	0.000	616.0	*	1	1718	174	2.155	0.602	621.4	*	2	0306	272	0.502	0.442	620.6		
0724	75	0.000	0.000	616.0	*	1	1724	175	2.051	0.599	621.4	*	2	0312	273	0.501	0.438	620.6		
0730	76	0.000	0.000	616.0	*	1	1730	176	2.001	0.597	621.4	*	2	0318	274	0.500	0.433	620.6		
0736	77	0.000	0.000	616.0	*	1	1736	177	1.948	0.594	621.4	*	2	0324	275	0.498	0.429	620.6		
0742	78	0.000	0.000	616.0	*	1	1742	178	1.862	0.592	621.4	*	2	0330	276	0.497	0.425	620.5		
0748	79	0.000	0.000	616.0	*	1	1748	179	1.761	0.591	621.4	*	2	0336	277	0.496	0.421	620.5		
0754	80	0.000	0.000	616.0	*	1	1754	180	1.711	0.590	621.3	*	2	0342	278	0.494	0.417	620.5		
0800	81	0.000	0.000	616.0	*	1	1800	181	1.680	0.590	621.3	*	2	0348	279	0.493	0.413	620.5		
0806	82	0.000	0.000	616.0	*	1	1806	182	1.675	0.589	621.3	*	2	0354	280	0.492	0.409	620.4		
0812	83	0.000	0.000	616.0	*	1	1812	183	1.649	0.589	621.3	*	2	0400	281	0.490	0.405	620.4		
0818	84	0.000	0.000	616.0	*	1	1818	184	1.609	0.588	621.3	*	2	0406	282	0.489	0.401	620.4		
0824	85	0.000	0.000	616.0	*	1	1824	185	1.572	0.587	621.3	*	2	0412	283	0.488	0.401	620.4		
0830	86	0.000	0.000	616.0	*	1	1830	186	1.541	0.586	621.3	*	2	0418	284	0.486	0.397	620.4		
0836	87	0.000	0.000	616.0	*	1	1836	187	1.518	0.586	621.3	*	2	0424	285	0.485	0.393	620.3		
0842	88	0.000	0.000	616.0	*	1	1842	188	1.500	0.585	621.3	*	2	0430	286	0.484	0.389	620.3		
0848	89	0.000	0.000	616.0	*	1	1848	189	1.488	0.585	621.3	*	2	0436	287	0.482	0.381	620.3		
0854	90	0.000	0.000	616.0	*	1	1854	190	1.478	0.585	621.3	*	2	0442	288	0.481	0.377	620.3		
0900	91	0.000	0.000	616.0	*	1	1900	191	1.472	0.585	621.3	*	2	0448	289	0.480	0.373	620.3		
0906	92	0.003	0.000	616.0	*	1	1906	192	1.472	0.585	621.3	*	2	0454	290	0.478	0.369	620.2		
0912	93	0.008	0.000	616.0	*	1	1912	193	1.472	0.585	621.3	*	2	0460	291	0.477	0.365	620.2		
0918	94	0.016	0.000	616.0	*	1	1918	194	1.438	0.584	621.3	*	2	0466	292	0.476	0.361	620.2		
0924	95	0.028	0.000	616.0	*	1	1924	195	1.376	0.582	621.3	*	2	0472	293	0.474	0.357	620.1		
0930	96	0.044	0.000	616.0	*	1	1930	196	1.384	0.582	621.3	*	2	0478	294	0.473	0.353	620.1		
0936	97	0.064	0.000	616.0	*	1	1936	197	1.399	0.582	621.3	*	2	0484	295	0.472	0.349	620.1		
0942	98	0.088	0.000	616.0	*	1	1942	198	1.386	0.582	621.3	*	2	0490	296	0.470	0.345	620.1		
0948	99	0.116	0.000	616.0	*	1	1948	199	1.353	0.582	621.3	*	2	0496	297	0.468	0.341	620.1		
0954	100	0.145	0.000	616.0	*	1	1954	200	1.348	0.581	621.3	*	2	0502	298	0.466	0.338	620.1		
																		0.465	0.330	620.0

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PEAK FLOW	TIME	6-HR	MAXIMUM AVERAGE FLOW	29.90-HR
+	(CFS)	(HR)	24-HR	72-HR
+	46.	12.40	9.	3.
	(INCHES)	(AC-FT)	4.305	4.305
			5.	5.
PEAK STORAGE	TIME	6-HR	MAXIMUM AVERAGE STORAGE	29.90-HR
+	(AC-FT)	(HR)	24-HR	72-HR
+	1.	12.40	0.	0.
PEAK STAGE	TIME	6-HR	MAXIMUM AVERAGE STAGE	29.90-HR
+	(FEET)	(HR)	24-HR	72-HR
+	623.99	12.40	620.15	619.33
			CUMULATIVE AREA =	0.02 SQ MI

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218 KK	LAG B	*****
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LAG OUTFLOW FROM DETENTION BASIN 'B' TO POINT OF INTEREST 'A'  
 BY 6 MINUTES

HYDROGRAPH ROUTING DATA

TATUM OR STRADDLE-STAGGER ROUTING

221 RT	NUMBER OF TATUM STEPS	0
	NUMBER OF ORIGINATES TO BE AVERAGED	0
	NUMBER OF INTERVALS TO LAG HYDROGRAPH	1

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PEAK FLOW	TIME	6-HR	MAXIMUM AVERAGE FLOW	29.90-HR
+	(CFS)	(HR)	24-HR	72-HR
+	2.	13.70	1.	0.
	(INCHES)	(AC-FT)	0.468	0.869
			1.	1.
			CUMULATIVE AREA =	0.02 SQ MI

PEAK FLOW	TIME	6-HR	MAXIMUM AVERAGE FLOW	29.90-HR
+	(CFS)	(HR)	24-HR	72-HR
+	15.	12.60	3.	1.
	(INCHES)	(AC-FT)	1.245	1.712
			1.712	1.712

(AC-FT) 1. 2. 2.  
 CUMULATIVE AREA = 0.02 SQ MI

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 HYDROGRAPH AT STATION LAG B  
 FOR PLAN 1, RATIO = 5.10  
 MAXIMUM AVERAGE FLOW  
 6-HR 24-HR 72-HR 29.90-HR  
 (CFS) 5. 1. 1.  
 (INCHES) 1.853 2.398 2.398 1.  
 (AC-FT) 2. 3. 3. 3.  
 CUMULATIVE AREA = 0.02 SQ MI

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 HYDROGRAPH AT STATION LAG B  
 FOR PLAN 1, RATIO = 5.60  
 MAXIMUM AVERAGE FLOW  
 6-HR 24-HR 72-HR 29.90-HR  
 (CFS) 5. 2. 1.  
 (INCHES) 2.242 2.840 2.840 1.  
 (AC-FT) 3. 3. 3. 3.  
 CUMULATIVE AREA = 0.02 SQ MI

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 HYDROGRAPH AT STATION LAG B  
 FOR PLAN 1, RATIO = 6.30  
 MAXIMUM AVERAGE FLOW  
 6-HR 24-HR 72-HR 29.90-HR  
 (CFS) 7. 2. 2.  
 (INCHES) 2.800 3.473 3.473 2.  
 (AC-FT) 3. 4. 4. 4.  
 CUMULATIVE AREA = 0.02 SQ MI

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 HYDROGRAPH AT STATION LAG B  
 FOR PLAN 1, RATIO = 7.20  
 MAXIMUM AVERAGE FLOW  
 6-HR 24-HR 72-HR 29.90-HR  
 (CFS) 9. 3. 2.  
 (INCHES) 3.530 4.302 4.302 2.  
 (AC-FT) 4. 5. 5. 5.  
 CUMULATIVE AREA = 0.02 SQ MI

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FOR PLAN 1, RATIO = 3.20

TOTAL RAINFALL = 3.20, TOTAL LOSS = 2.43, TOTAL EXCESS = 0.77

PEAK FLOW TIME	6-HR	24-HR	72-HR	29.90-HR
(CFS)				
2. 12.30	0.	0.	0.	0.
(INCHES)	0.633	0.770	0.770	0.770
(AC-FT)	0.	0.	0.	0.

CUMULATIVE AREA = 0.01 SQ MI

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HYDROGRAPH AT STATION SUB6 FOR PLAN 1, RATIO = 4.30

TOTAL RAINFALL = 4.30, TOTAL LOSS = 2.83, TOTAL EXCESS = 1.47

PEAK FLOW TIME	6-HR	24-HR	72-HR	29.90-HR
(CFS)				
4. 12.30	1.	0.	0.	0.
(INCHES)	1.228	1.475	1.475	1.475
(AC-FT)	0.	0.	0.	0.

CUMULATIVE AREA = 0.01 SQ MI

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HYDROGRAPH AT STATION SUB6 FOR PLAN 1, RATIO = 5.10

TOTAL RAINFALL = 5.10, TOTAL LOSS = 3.05, TOTAL EXCESS = 2.05

PEAK FLOW TIME	6-HR	24-HR	72-HR	29.90-HR
(CFS)				
6. 12.30	1.	0.	0.	0.
(INCHES)	1.711	2.054	2.054	2.054
(AC-FT)	0.	1.	1.	1.

CUMULATIVE AREA = 0.01 SQ MI

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HYDROGRAPH AT STATION SUB6 FOR PLAN 1, RATIO = 5.60

TOTAL RAINFALL = 5.60, TOTAL LOSS = 3.16, TOTAL EXCESS = 2.44

PEAK FLOW TIME	6-HR	24-HR	72-HR	29.90-HR
(CFS)				
7. 12.30	1.	0.	0.	0.
(INCHES)	2.028	2.437	2.437	2.437
(AC-FT)	1.	1.	1.	1.

CUMULATIVE AREA = 0.01 SQ MI

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HYDROGRAPH AT STATION SUB6 FOR PLAN 1, RATIO = 6.30

TOTAL RAINFALL = 6.30, TOTAL LOSS = 3.31, TOTAL EXCESS = 2.99

PEAK FLOW TIME	6-HR	24-HR	72-HR	29.90-HR
(CFS)				
9. 12.30	1.	0.	0.	0.
(INCHES)	2.487	2.993	2.993	2.993
(AC-FT)	1.	1.	1.	1.

CUMULATIVE AREA = 0.01 SQ MI

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HYDROGRAPH AT STATION SUB6  
FOR PLAN 1, RATIO = 7.20

TOTAL RAINFALL = 7.20, TOTAL LOSS = 3.46, TOTAL EXCESS = 3.74

PEAK FLOW TIME	6-HR	24-HR	72-HR	29.90-HR
(CFS)				
11. 12.30	2.	1.	0.	0.
(INCHES)	3.097	3.738	3.738	3.738
(AC-FT)	1.	1.	1.	1.

CUMULATIVE AREA = 0.01 SQ MI

\*\*\*\*\*

227 KK \* LAG 6 \* \*\*\*\*\*

\*\*\*\*\*

LAG SUBAREA 6 TO POINT OF INTEREST 'A' BY 6 MINUTES

HYDROGRAPH ROUTING DATA

TATUM OR STRADDLE-STAGGER ROUTING

NSTPL	NUMBER OF TATUM STEPS
0	0
LAG	NUMBER OF INTERVALS TO LAG HYDROGRAPH
1	1

\*\*\* \*\*

HYDROGRAPH AT STATION LAG 6  
FOR PLAN 1, RATIO = 3.20

PEAK FLOW TIME	6-HR	24-HR	72-HR	29.90-HR
(CFS)				
2. 12.40	0.	0.	0.	0.
(INCHES)	0.633	0.770	0.770	0.770
(AC-FT)	0.	0.	0.	0.

CUMULATIVE AREA = 0.01 SQ MI

\*\*\* \*\*

HYDROGRAPH AT STATION LAG 6  
FOR PLAN 1, RATIO = 4.30

PEAK FLOW TIME  
 + (CFS) (HR)  
 + 4. 12.40  
 (CFS)  
 (INCHES) 1. 0. 0.  
 (AC-FT) 1.228 1.475 1.475  
 0. 0. 0.  
 CUMULATIVE AREA = 0.01 SQ MI.

\*\*\*  
 HYDROGRAPH AT STATION LAG 6  
 FOR PLAN 1, RATIO = 5.10

PEAK FLOW TIME  
 + (CFS) (HR)  
 + 6. 12.40  
 (CFS)  
 (INCHES) 1. 0. 0.  
 (AC-FT) 1.711 2.054 2.054  
 0. 1. 1.  
 CUMULATIVE AREA = 0.01 SQ MI

\*\*\*  
 HYDROGRAPH AT STATION LAG 6  
 FOR PLAN 1, RATIO = 5.60

PEAK FLOW TIME  
 + (CFS) (HR)  
 + 7. 12.40  
 (CFS)  
 (INCHES) 1. 0. 0.  
 (AC-FT) 2.028 2.437 2.437  
 1. 1. 1.  
 CUMULATIVE AREA = 0.01 SQ MI

\*\*\*  
 HYDROGRAPH AT STATION LAG 6  
 FOR PLAN 1, RATIO = 6.30

PEAK FLOW TIME  
 + (CFS) (HR)  
 + 9. 12.40  
 (CFS)  
 (INCHES) 1. 0. 0.  
 (AC-FT) 2.487 2.993 2.993  
 1. 1. 1.  
 CUMULATIVE AREA = 0.01 SQ MI

\*\*\*  
 HYDROGRAPH AT STATION LAG 6  
 FOR PLAN 1, RATIO = 7.20

PEAK FLOW TIME  
 + (CFS) (HR)  
 + 11. 12.40  
 (CFS)  
 (INCHES) 2. 1. 0.  
 (AC-FT) 3.037 3.738 3.738  
 1. 1. 1.



(AC-FT) 0. 0. 0. 0.  
CUMULATIVE AREA = 0.00 SQ MI

\*\*\* \*\*

HYDROGRAPH AT STATION SUB3  
FOR PLAN 1, RATIO = 3.20

TOTAL RAINFALL = 3.20, TOTAL LOSS = 2.33, TOTAL EXCESS = 0.87

PEAK FLOW (CFS)	TIME (HR)	6-HR MAXIMUM AVERAGE FLOW	24-HR MAXIMUM AVERAGE FLOW	72-HR MAXIMUM AVERAGE FLOW	29.90-HR MAXIMUM AVERAGE FLOW
+	0.	0.	0.	0.	0.
+	12.40	0.721	0.875	0.875	0.875

(AC-FT) 0. 0. 0. 0.  
CUMULATIVE AREA = 0.00 SQ MI

\*\*\* \*\*

HYDROGRAPH AT STATION SUB3  
FOR PLAN 1, RATIO = 4.30

TOTAL RAINFALL = 4.30, TOTAL LOSS = 2.66, TOTAL EXCESS = 1.64

PEAK FLOW (CFS)	TIME (HR)	6-HR MAXIMUM AVERAGE FLOW	24-HR MAXIMUM AVERAGE FLOW	72-HR MAXIMUM AVERAGE FLOW	29.90-HR MAXIMUM AVERAGE FLOW
+	1.	0.	0.	0.	0.
+	12.40	1.373	1.642	1.642	1.642

(AC-FT) 0. 0. 0. 0.  
CUMULATIVE AREA = 0.00 SQ MI

\*\*\* \*\*

HYDROGRAPH AT STATION SUB3  
FOR PLAN 1, RATIO = 5.10

TOTAL RAINFALL = 5.10, TOTAL LOSS = 2.84, TOTAL EXCESS = 2.26

PEAK FLOW (CFS)	TIME (HR)	6-HR MAXIMUM AVERAGE FLOW	24-HR MAXIMUM AVERAGE FLOW	72-HR MAXIMUM AVERAGE FLOW	29.90-HR MAXIMUM AVERAGE FLOW
+	1.	0.	0.	0.	0.
+	12.30	1.852	2.261	2.261	2.261

(AC-FT) 0. 0. 0. 0.  
CUMULATIVE AREA = 0.00 SQ MI

\*\*\* \*\*

HYDROGRAPH AT STATION SUB3  
FOR PLAN 1, RATIO = 5.60

TOTAL RAINFALL = 5.60, TOTAL LOSS = 2.93, TOTAL EXCESS = 2.67

PEAK FLOW (CFS)	TIME (HR)	6-HR MAXIMUM AVERAGE FLOW	24-HR MAXIMUM AVERAGE FLOW	72-HR MAXIMUM AVERAGE FLOW	29.90-HR MAXIMUM AVERAGE FLOW
+	2.	0.	0.	0.	0.
+	12.30	2.228	2.667	2.667	2.667

(AC-FT) 0. 0. 0. 0.  
CUMULATIVE AREA = 0.00 SQ MI





CUMULATIVE AREA = 0.01 SQ MI

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 HYDROGRAPH AT STATION SUBS  
 FOR PLAN 1, RATIO = 5.10  
 TOTAL RAINFALL = 5.10, TOTAL LOSS = 2.61, TOTAL EXCESS = 2.49  
 PEAK FLOW TIME  
 (CFS) (HR)  
 + 11. 12.30  
 6-HR 24-HR 72-HR 29.90-HR  
 MAXIMUM AVERAGE FLOW  
 (CFS) 2. 1. 0.  
 (INCHES) 2.091 2.487 2.487  
 (AC-FT) 1. 1. 1.  
 CUMULATIVE AREA = 0.01 SQ MI

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 HYDROGRAPH AT STATION SUBS  
 FOR PLAN 1, RATIO = 5.60  
 TOTAL RAINFALL = 5.60, TOTAL LOSS = 2.68, TOTAL EXCESS = 2.92  
 PEAK FLOW TIME  
 (CFS) (HR)  
 + 13. 12.30  
 6-HR 24-HR 72-HR 29.90-HR  
 MAXIMUM AVERAGE FLOW  
 (CFS) 2. 1. 0.  
 (INCHES) 2.447 2.915 2.915  
 (AC-FT) 1. 1. 1.  
 CUMULATIVE AREA = 0.01 SQ MI

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 HYDROGRAPH AT STATION SUBS  
 FOR PLAN 1, RATIO = 6.30  
 TOTAL RAINFALL = 6.30, TOTAL LOSS = 2.77, TOTAL EXCESS = 3.53  
 PEAK FLOW TIME  
 (CFS) (HR)  
 + 16. 12.30  
 6-HR 24-HR 72-HR 29.90-HR  
 MAXIMUM AVERAGE FLOW  
 (CFS) 2. 1. 1.  
 (INCHES) 2.955 3.530 3.530  
 (AC-FT) 1. 1. 1.  
 CUMULATIVE AREA = 0.01 SQ MI

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 HYDROGRAPH AT STATION SUBS  
 FOR PLAN 1, RATIO = 7.20  
 TOTAL RAINFALL = 7.20, TOTAL LOSS = 2.86, TOTAL EXCESS = 4.34  
 PEAK FLOW TIME  
 (CFS) (HR)  
 + 19. 12.30  
 6-HR 24-HR 72-HR 29.90-HR  
 MAXIMUM AVERAGE FLOW  
 (CFS) 3. 1. 1.  
 (INCHES) 3.615 4.339 4.339  
 (AC-FT) 1. 2. 2.

CUMULATIVE AREA = 0.01 SQ MI

\*\*\*\*\*

240 KK TO D \*\*\*\*\*

242 HC HYDROGRAPH COMBINATION ICOMP 2 NUMBER OF HYDROGRAPHS TO COMBINE

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HYDROGRAPH AT STATION TO D FOR PLAN 1, RATIO = 3.20

PEAK FLOW	TIME	6-HR	24-HR	72-HR	29.90-HR
(CFS)	(HR)				
4	12.30	1.	0.	0.	0.
		0.814	0.980	0.980	0.980
		(AC-FT)			
		0.	0.	0.	0.
		CUMULATIVE AREA = 0.01 SQ MI			

\*\*\* \*\*

HYDROGRAPH AT STATION TO D FOR PLAN 1, RATIO = 4.30

PEAK FLOW	TIME	6-HR	24-HR	72-HR	29.90-HR
(CFS)	(HR)				
9	12.30	1.	0.	0.	0.
		1.516	1.803	1.803	1.803
		(AC-FT)			
		1.	1.	1.	1.
		CUMULATIVE AREA = 0.01 SQ MI			

\*\*\* \*\*

HYDROGRAPH AT STATION TO D FOR PLAN 1, RATIO = 5.10

PEAK FLOW	TIME	6-HR	24-HR	72-HR	29.90-HR
(CFS)	(HR)				
12	12.30	2.	1.	0.	0.
		2.064	2.457	2.457	2.457
		(AC-FT)			
		1.	1.	1.	1.
		CUMULATIVE AREA = 0.01 SQ MI			

\*\*\* \*\*

HYDROGRAPH AT STATION TO D FOR PLAN 1, RATIO = 5.60

PEAK FLOW	TIME	6-HR	24-HR	72-HR	29.90-HR
(CFS)	(HR)				
12	12.30	2.	1.	0.	0.
		2.064	2.457	2.457	2.457
		(AC-FT)			
		1.	1.	1.	1.
		CUMULATIVE AREA = 0.01 SQ MI			

\*\*\*\*\*

PEAK FLOW TIME  
 (CFS) (HR)  
 + 15. 12.30  
 (CFS)  
 (INCHES) 2.418 1. 1. 29.90-HR  
 (AC-FT) 1. 1. 2.882 2.852  
 CUMULATIVE AREA = 0.01 SQ MI

\*\*\*  
 HYDROGRAPH AT STATION TO D  
 FOR PLAN 1, RATIO = 6.30  
 PEAK FLOW TIME  
 (CFS) (HR)  
 + 18. 12.30  
 (CFS)  
 (INCHES) 2.923 1. 1. 29.90-HR  
 (AC-FT) 1. 2. 3.493 3.493  
 CUMULATIVE AREA = 0.01 SQ MI

\*\*\*  
 HYDROGRAPH AT STATION TO D  
 FOR PLAN 1, RATIO = 7.20  
 PEAK FLOW TIME  
 (CFS) (HR)  
 + 22. 12.30  
 (CFS)  
 (INCHES) 3.579 1. 1. 29.90-HR  
 (AC-FT) 2. 4.298 4.298  
 CUMULATIVE AREA = 0.01 SQ MI

\*\*\*\*\*  
 \* ROUTED \*  
 \*\*\*\*\*

243 KK  
 \*\*\*\*\*  
 ROUTING THROUGH DETENTION BASIN 'D'  
 BOTTOM OF BASIN=596.0, TOP OF PERMANENT POOL=600.0, TOP OF BASIN=605.0  
 LOW-LEVEL ORIFICE: DIAMETER = 3", ELEVATION = 600.0  
 OVERFLOW ORIFICE: DIAMETER = 14", ELEVATION = 601.7  
 OVERFLOW WEIR: LENGTH = 8', ELEVATION = 604.0

250 KO  
 OUTPUT CONTROL VARIABLES  
 IPRINT 1 PRINT CONTROL  
 IPLOT 0 PLOT CONTROL  
 QSCALE 0. HYDROGRAPH PLOT SCALE  
 HYDROGRAPH ROUTING DATA

251 RS  
 STORAGE ROUTING  
 NSTPS 1 NUMBER OF SUBREACHES  
 ITYPE ELEV TYPE OF INITIAL CONDITION  
 RSTRIC 600.00 INITIAL CONDITION  
 X 0.00 WORKING R AND D COEFFICIENT



PEAK FLOW (CFS)	TIME (HR)	6-HR (CFS)	24-HR (CFS)	72-HR (CFS)	29.90-HR (CFS)
1	0324	35	0.000	1324	0.890
1	0330	36	0.000	1330	0.834
1	0336	37	0.000	1336	0.787
1	0342	38	0.000	1342	0.745
1	0348	39	0.000	1348	0.700
1	0354	40	0.000	1354	0.665
1	0400	41	0.000	1400	0.636
1	0406	42	0.000	1406	0.609
1	0412	43	0.000	1412	0.589
1	0418	44	0.000	1418	0.576
1	0424	45	0.000	1424	0.563
1	0430	46	0.000	1430	0.542
1	0436	47	0.000	1436	0.521
1	0442	48	0.000	1442	0.504
1	0448	49	0.000	1448	0.487
1	0454	50	0.000	1454	0.471
1	0500	51	0.000	1500	0.463
1	0506	52	0.000	1506	0.447
1	0512	53	0.000	1512	0.445
1	0518	54	0.000	1518	0.443
1	0524	55	0.000	1524	0.435
1	0530	56	0.000	1530	0.426
1	0536	57	0.000	1536	0.414
1	0542	58	0.000	1542	0.402
1	0548	59	0.000	1548	0.397
1	0554	60	0.000	1554	0.397
1	0600	61	0.000	1600	0.403
1	0606	62	0.000	1606	0.431
1	0612	63	0.000	1612	0.447
1	0618	64	0.000	1618	0.439
1	0624	65	0.000	1624	0.433
1	0630	66	0.000	1630	0.411
1	0636	67	0.000	1636	0.388
1	0642	68	0.000	1642	0.362
1	0648	69	0.000	1648	0.346
1	0654	70	0.000	1654	0.339
1	0700	71	0.000	1700	0.330
1	0706	72	0.000	1706	0.329
1	0712	73	0.000	1712	0.328
1	0718	74	0.000	1718	0.327
1	0724	75	0.000	1724	0.327
1	0730	76	0.000	1730	0.326
1	0736	77	0.000	1736	0.325
1	0742	78	0.000	1742	0.324
1	0748	79	0.000	1748	0.324
1	0800	80	0.000	1800	0.323
1	0806	81	0.000	1806	0.323
1	0812	82	0.000	1812	0.322
1	0818	83	0.000	1818	0.321
1	0824	84	0.000	1824	0.320
1	0830	85	0.000	1830	0.319
1	0836	86	0.000	1836	0.318
1	0842	87	0.000	1842	0.317
1	0848	88	0.000	1848	0.315
1	0900	89	0.000	1854	0.314
1	0906	90	0.000	1860	0.313
1	0912	91	0.000	1866	0.311
1	0918	92	0.000	1872	0.310
1	0924	93	0.000	1878	0.308
1	0930	94	0.000	1884	0.306
1	0936	95	0.000	1890	0.304
1	0942	96	0.000	1896	0.303
1	0948	97	0.000	1902	0.301
1	0954	98	0.000	1908	0.298
1	0954	100	0.000	1954	0.296

\*\*\*\*\* MAXIMUM AVERAGE FLOW \*\*\*\*\*  
 6-HR 24-HR 72-HR 29.90-HR  
 (CFS) (CFS) (CFS) (CFS)  
 \*\*\*\*\*

\*\*\*\*\*  
 0.068 601.2  
 0.067 601.2  
 0.246 601.2  
 0.244 601.2  
 0.243 601.2  
 0.241 601.2  
 0.238 601.1  
 0.236 601.1  
 0.234 601.1  
 0.231 601.1  
 0.228 601.1  
 0.224 601.0  
 0.219 600.9  
 0.214 600.9  
 0.209 600.9  
 0.204 600.9  
 0.199 600.8  
 0.194 600.8  
 0.185 600.8  
 0.181 600.7  
 0.177 600.7  
 0.173 600.7  
 0.169 600.6  
 0.165 600.6  
 0.161 600.6  
 0.157 600.6  
 0.153 600.6  
 0.149 600.5  
 0.144 600.5  
 0.140 600.5  
 0.135 600.5  
 0.130 600.4  
 0.126 600.4  
 0.122 600.4  
 0.118 600.4  
 0.114 600.4  
 0.110 600.3  
 0.106 600.3  
 0.102 600.3  
 0.099 600.3  
 0.096 600.3  
 0.092 600.3  
 0.089 600.3  
 0.084 600.2  
 0.080 600.2  
 0.076 600.2  
 0.072 600.2  
 0.068 600.2  
 0.065 600.2  
 0.061 600.2  
 0.058 600.2  
 0.055 600.2  
 0.052 600.2  
 0.049 600.1  
 0.047 600.1  
 0.044 600.1  
 0.040 600.1  
 0.038 600.1  
 0.036 600.1  
 0.034 600.1  
 0.032 600.1  
 0.031 600.1  
 0.029 600.1  
 0.027 600.1

\*\*\*\*\*

+ 1. 12.80 (INCHES) 0.566 1. 0. 0.971 0. 0.971 0.971  
 (AC-FT) 0. 0. 0. 0. 0. 0. 0.

PEAK STORAGE TIME 6-HR 24-HR 72-HR 29.90-HR  
 (AC-FT) 0. 0. 0. 0.

PEAK STAGE TIME 6-HR 24-HR 72-HR 29.90-HR  
 (FEET) 602.29 602.12 601.01 600.81 600.81

CUMULATIVE AREA = 0.01 SQ MI

\*\*\*\*\*  
 HYDROGRAPH AT STATION ROUTED  
 PLAN 1, RATIO = 4.30  
 \*\*\*\*\*

DA	MON	HR	MIN	ORD	OUTFLOW	STORAGE	STAGE	DA	MON	HR	MIN	ORD	OUTFLOW	STORAGE	STAGE
1	1	0000	1	0.000	0.000	1000	101	1	0000	1	0.000	0.000	0.000	600.0	602.0
1	1	0005	2	0.000	0.000	1006	102	1	0005	2	0.000	0.000	0.000	600.0	602.0
1	1	0010	3	0.000	0.000	1012	103	1	0010	3	0.000	0.000	0.000	600.0	602.0
1	1	0015	4	0.000	0.000	1018	104	1	0015	4	0.000	0.000	0.000	600.0	602.0
1	1	0020	5	0.000	0.000	1024	105	1	0020	5	0.000	0.000	0.000	600.0	602.0
1	1	0025	6	0.000	0.000	1030	106	1	0025	6	0.000	0.000	0.000	600.0	602.0
1	1	0030	7	0.000	0.000	1036	107	1	0030	7	0.000	0.000	0.000	600.0	602.0
1	1	0035	8	0.000	0.000	1042	108	1	0035	8	0.000	0.000	0.000	600.0	602.0
1	1	0040	9	0.000	0.000	1048	109	1	0040	9	0.000	0.000	0.000	600.0	602.0
1	1	0045	10	0.000	0.000	1054	110	1	0045	10	0.000	0.000	0.000	600.0	602.0
1	1	0050	11	0.000	0.000	1100	111	1	0050	11	0.000	0.000	0.000	600.0	602.0
1	1	0055	12	0.000	0.000	1106	112	1	0055	12	0.000	0.000	0.000	600.0	602.0
1	1	0100	13	0.000	0.000	1112	113	1	0100	13	0.000	0.000	0.000	600.0	602.0
1	1	0105	14	0.000	0.000	1118	114	1	0105	14	0.000	0.000	0.000	600.0	602.0
1	1	0110	15	0.000	0.000	1124	115	1	0110	15	0.000	0.000	0.000	600.0	602.0
1	1	0115	16	0.000	0.000	1130	116	1	0115	16	0.000	0.000	0.000	600.0	602.0
1	1	0120	17	0.000	0.000	1136	117	1	0120	17	0.000	0.000	0.000	600.0	602.0
1	1	0125	18	0.000	0.000	1142	118	1	0125	18	0.000	0.000	0.000	600.0	602.0
1	1	0130	19	0.000	0.000	1148	119	1	0130	19	0.000	0.000	0.000	600.0	602.0
1	1	0135	20	0.000	0.000	1154	120	1	0135	20	0.000	0.000	0.000	600.0	602.0
1	1	0140	21	0.000	0.000	1200	121	1	0140	21	0.000	0.000	0.000	600.0	602.0
1	1	0145	22	0.000	0.000	1206	122	1	0145	22	0.000	0.000	0.000	600.0	602.0
1	1	0150	23	0.000	0.000	1212	123	1	0150	23	0.000	0.000	0.000	600.0	602.0
1	1	0155	24	0.000	0.000	1218	124	1	0155	24	0.000	0.000	0.000	600.0	602.0
1	1	0200	25	0.000	0.000	1224	125	1	0200	25	0.000	0.000	0.000	600.0	602.0
1	1	0205	26	0.000	0.000	1230	126	1	0205	26	0.000	0.000	0.000	600.0	602.0
1	1	0210	27	0.000	0.000	1236	127	1	0210	27	0.000	0.000	0.000	600.0	602.0
1	1	0215	28	0.000	0.000	1242	128	1	0215	28	0.000	0.000	0.000	600.0	602.0
1	1	0220	29	0.000	0.000	1248	129	1	0220	29	0.000	0.000	0.000	600.0	602.0
1	1	0225	30	0.000	0.000	1254	130	1	0225	30	0.000	0.000	0.000	600.0	602.0
1	1	0230	31	0.000	0.000	1300	131	1	0230	31	0.000	0.000	0.000	600.0	602.0
1	1	0235	32	0.000	0.000	1306	132	1	0235	32	0.000	0.000	0.000	600.0	602.0
1	1	0240	33	0.000	0.000	1312	133	1	0240	33	0.000	0.000	0.000	600.0	602.0
1	1	0245	34	0.000	0.000	1318	134	1	0245	34	0.000	0.000	0.000	600.0	602.0
1	1	0250	35	0.000	0.000	1324	135	1	0250	35	0.000	0.000	0.000	600.0	602.0
1	1	0255	36	0.000	0.000	1330	136	1	0255	36	0.000	0.000	0.000	600.0	602.0
1	1	0300	37	0.000	0.000	1336	137	1	0300	37	0.000	0.000	0.000	600.0	602.0
1	1	0305	38	0.000	0.000	1342	138	1	0305	38	0.000	0.000	0.000	600.0	602.0
1	1	0310	39	0.000	0.000	1348	139	1	0310	39	0.000	0.000	0.000	600.0	602.0
1	1	0315	40	0.000	0.000	1354	140	1	0315	40	0.000	0.000	0.000	600.0	602.0
1	1	0320	41	0.000	0.000	1400	141	1	0320	41	0.000	0.000	0.000	600.0	602.0
1	1	0325	42	0.000	0.000	1406	142	1	0325	42	0.000	0.000	0.000	600.0	602.0
1	1	0330	43	0.000	0.000	1412	143	1	0330	43	0.000	0.000	0.000	600.0	602.0
1	1	0335	44	0.000	0.000	1418	144	1	0335	44	0.000	0.000	0.000	600.0	602.0
1	1	0340	45	0.000	0.000	1424	145	1	0340	45	0.000	0.000	0.000	600.0	602.0
1	1	0345	46	0.000	0.000	1430	146	1	0345	46	0.000	0.000	0.000	600.0	602.0
1	1	0350	47	0.000	0.000	1436	147	1	0350	47	0.000	0.000	0.000	600.0	602.0

PEAK FLOW	TIME	6-HR	24-HR	72-HR	29.90-HR
1	0442 48	0.000	1442 148	0.827	0.143
1	0448 49	0.000	1448 149	0.814	0.143
1	0454 50	0.000	1454 150	0.785	0.143
1	0500 51	0.000	1500 151	0.745	0.142
1	0506 52	0.000	1506 152	0.719	0.142
1	0512 53	0.000	1512 153	0.714	0.142
1	0518 54	0.000	1518 154	0.711	0.142
1	0524 55	0.000	1524 155	0.697	0.141
1	0530 56	0.000	1530 156	0.682	0.141
1	0536 57	0.000	1536 157	0.662	0.141
1	0542 58	0.000	1542 158	0.642	0.141
1	0548 59	0.000	1548 159	0.638	0.140
1	0554 60	0.000	1554 160	0.632	0.140
1	0600 61	0.000	1600 161	0.641	0.141
1	0606 62	0.000	1606 162	0.645	0.141
1	0612 63	0.000	1612 163	0.710	0.142
1	0618 64	0.000	1618 164	0.687	0.141
1	0624 65	0.000	1624 165	0.652	0.140
1	0630 66	0.000	1630 166	0.614	0.140
1	0636 67	0.000	1636 167	0.573	0.140
1	0642 68	0.000	1642 168	0.547	0.139
1	0648 69	0.000	1648 169	0.535	0.139
1	0654 70	0.000	1654 170	0.511	0.139
1	0700 71	0.000	1700 171	0.467	0.137
1	0706 72	0.000	1706 172	0.414	0.137
1	0712 73	0.000	1712 173	0.378	0.136
1	0718 74	0.000	1718 174	0.368	0.136
1	0724 75	0.000	1724 175	0.363	0.136
1	0730 76	0.000	1730 176	0.345	0.136
1	0736 77	0.000	1736 177	0.335	0.136
1	0742 78	0.000	1742 178	0.333	0.136
1	0748 79	0.000	1748 179	0.330	0.136
1	0754 80	0.000	1754 180	0.330	0.136
1	0800 81	0.000	1800 181	0.330	0.136
1	0806 82	0.000	1806 182	0.330	0.136
1	0812 83	0.000	1812 183	0.330	0.135
1	0818 84	0.000	1818 184	0.329	0.135
1	0824 85	0.000	1824 185	0.329	0.135
1	0830 86	0.000	1830 186	0.329	0.135
1	0836 87	0.000	1836 187	0.329	0.134
1	0842 88	0.000	1842 188	0.328	0.134
1	0848 89	0.000	1848 189	0.328	0.133
1	0854 90	0.000	1854 190	0.328	0.133
1	0900 91	0.000	1900 191	0.327	0.133
1	0906 92	0.000	1906 192	0.327	0.133
1	0912 93	0.000	1912 193	0.327	0.131
1	0918 94	0.000	1918 194	0.326	0.131
1	0924 95	0.000	1924 195	0.325	0.131
1	0930 96	0.000	1930 196	0.325	0.131
1	0936 97	0.000	1936 197	0.325	0.130
1	0942 98	0.000	1942 198	0.325	0.130
1	0948 99	0.000	1948 199	0.325	0.129
1	0954 100	0.000	1954 200	0.324	0.129

PEAK STORAGE	TIME	6-HR	24-HR	72-HR	29.90-HR
+	(AC-FT)	0.	0.	0.	0.
+	(FEET)	603.10	601.24	601.00	601.00

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CUMULATIVE AREA = 0.01 SQ MI

HYDROGRAPH AT STATION ROUTED  
PLAN I, RATIO = 5.10

DA MON HRMN ORD	OUTFLOW	STORAGE	STAGE	DA MON HRMN ORD	OUTFLOW	STORAGE	STAGE	DA MON HRMN ORD	OUTFLOW	STORAGE	STAGE
1 0680	1	0.000	600.0	1 1000	101	0.000	600.0	1 2000	201	0.332	602.1
1 0686	2	0.000	600.0	1 1006	102	0.000	600.0	1 2006	202	0.330	602.1
1 0692	3	0.000	600.0	1 1012	103	0.000	600.0	1 2012	203	0.329	602.1
1 0698	4	0.000	600.0	1 1018	104	0.000	600.0	1 2018	204	0.329	602.1
1 0704	5	0.000	600.0	1 1024	105	0.000	600.0	1 2024	205	0.329	602.1
1 0710	6	0.000	600.0	1 1030	106	0.001	600.0	1 2030	206	0.329	602.1
1 0716	7	0.000	600.0	1 1036	107	0.003	600.0	1 2036	207	0.329	602.1
1 0722	8	0.000	600.0	1 1042	108	0.007	600.0	1 2042	208	0.329	602.1
1 0728	9	0.000	600.0	1 1048	109	0.012	600.0	1 2048	209	0.329	602.1
1 0734	10	0.000	600.0	1 1054	110	0.019	600.1	1 2054	210	0.328	602.1
1 0740	11	0.000	600.0	1 1100	111	0.028	600.1	1 2100	211	0.328	602.1
1 0746	12	0.000	600.0	1 1106	112	0.040	600.2	1 2106	212	0.328	602.1
1 0752	13	0.000	600.0	1 1112	113	0.054	600.2	1 2112	213	0.328	602.1
1 0758	14	0.000	600.0	1 1118	114	0.071	600.2	1 2118	214	0.328	602.1
1 0764	15	0.000	600.0	1 1124	115	0.090	600.3	1 2124	215	0.327	602.1
1 0770	16	0.000	600.0	1 1130	116	0.108	600.3	1 2130	216	0.327	602.1
1 0776	17	0.000	600.0	1 1136	117	0.125	600.4	1 2136	217	0.326	602.1
1 0782	18	0.000	600.0	1 1142	118	0.149	600.4	1 2142	218	0.326	602.1
1 0788	19	0.000	600.0	1 1148	119	0.170	600.5	1 2148	219	0.325	602.0
1 0794	20	0.000	600.0	1 1154	120	0.203	600.5	1 2154	220	0.325	602.0
1 0800	21	0.000	600.0	1 1200	121	0.246	600.7	1 2200	221	0.324	602.0
1 0806	22	0.000	600.0	1 1206	122	0.301	601.8	1 2206	222	0.324	602.0
1 0812	23	0.000	600.0	1 1212	123	0.360	603.1	1 2212	223	0.324	602.0
1 0818	24	0.000	600.0	1 1218	124	0.420	604.5	1 2218	224	0.324	602.0
1 0824	25	0.000	600.0	1 1224	125	0.483	606.0	1 2224	225	0.324	602.0
1 0830	26	0.000	600.0	1 1230	126	0.550	607.5	1 2230	226	0.323	602.0
1 0836	27	0.000	600.0	1 1236	127	0.621	609.0	1 2236	227	0.323	602.0
1 0842	28	0.000	600.0	1 1242	128	0.696	610.5	1 2242	228	0.322	602.0
1 0848	29	0.000	600.0	1 1248	129	0.774	612.0	1 2248	229	0.322	602.0
1 0854	30	0.000	600.0	1 1254	130	0.855	613.5	1 2254	230	0.320	602.0
1 0860	31	0.000	600.0	1 1300	131	0.938	615.0	1 2300	231	0.320	602.0
1 0866	32	0.000	600.0	1 1306	132	1.023	616.5	1 2306	232	0.319	602.0
1 0872	33	0.000	600.0	1 1312	133	1.110	618.0	1 2312	233	0.319	602.0
1 0878	34	0.000	600.0	1 1318	134	1.200	619.5	1 2318	234	0.318	601.9
1 0884	35	0.000	600.0	1 1324	135	1.292	621.0	1 2324	235	0.318	601.9
1 0890	36	0.000	600.0	1 1330	136	1.386	622.5	1 2330	236	0.317	601.9
1 0896	37	0.000	600.0	1 1336	137	1.482	624.0	1 2336	237	0.317	601.9
1 0902	38	0.000	600.0	1 1342	138	1.576	625.5	1 2342	238	0.316	601.9
1 0908	39	0.000	600.0	1 1348	139	1.676	627.0	1 2348	239	0.315	601.9
1 0914	40	0.000	600.0	1 1354	140	1.776	628.5	1 2354	240	0.315	601.9
1 0920	41	0.000	600.0	1 1400	141	1.876	630.0	1 2400	241	0.314	601.9
1 0926	42	0.000	600.0	1 1406	142	1.976	631.5	1 2406	242	0.314	601.9
1 0932	43	0.000	600.0	1 1412	143	2.076	633.0	1 2412	243	0.311	601.9
1 0938	44	0.000	600.0	1 1418	144	2.176	634.5	1 2418	244	0.311	601.9
1 0944	45	0.000	600.0	1 1424	145	2.276	636.0	1 2424	245	0.308	601.8
1 0950	46	0.000	600.0	1 1430	146	2.376	637.5	1 2430	246	0.304	601.8
1 0956	47	0.000	600.0	1 1436	147	2.476	639.0	1 2436	247	0.296	601.7
1 0962	48	0.000	600.0	1 1442	148	2.576	640.5	1 2442	248	0.292	601.7
1 0968	49	0.000	600.0	1 1448	149	2.676	642.0	1 2448	249	0.288	601.7
1 0974	50	0.000	600.0	1 1454	150	2.776	643.5	1 2454	250	0.284	601.6
1 0980	51	0.000	600.0	1 1500	151	2.876	645.0	1 2500	251	0.281	601.6
1 0986	52	0.000	600.0	1 1506	152	2.976	646.5	1 2506	252	0.276	601.5
1 0992	53	0.000	600.0	1 1512	153	3.076	648.0	1 2512	253	0.276	601.5
1 0998	54	0.000	600.0	1 1518	154	3.176	649.5	1 2518	254	0.273	601.5
1 1004	55	0.000	600.0	1 1524	155	3.276	651.0	1 2524	255	0.271	601.5
1 1010	56	0.000	600.0	1 1530	156	3.376	652.5	1 2530	256	0.268	601.4
1 1016	57	0.000	600.0	1 1536	157	3.476	654.0	1 2536	257	0.266	601.4
1 1022	58	0.000	600.0	1 1542	158	3.576	655.5	1 2542	258	0.264	601.4
1 1028	59	0.000	600.0	1 1548	159	3.676	657.0	1 2548	259	0.261	601.3
1 1034	60	0.000	600.0	1 1554	160	3.776	658.5	1 2554	260	0.259	601.3





PEAK FLOW (CFS)	TIME (HR)	6-HR (INCHES)	24-HR (AC-FT)	MAXIMUM AVERAGE FLOW 24-HR	72-HR	29.90-HR	602.1 * 2	0.139	0.526	1718 174	0.526	0.139	602.1 * 2	0.318 274	0.225	0.055	601.0
1	0718 74	0.000	0.000	0.000	0.000	0.000	0.000	0.139	0.526	1718 174	0.526	0.139	602.1 * 2	0.318 274	0.225	0.055	601.0
1	0724 75	0.000	0.000	0.000	0.000	0.000	0.000	0.139	0.526	1724 172	0.526	0.139	602.1 * 2	0.324 275	0.221	0.053	601.0
1	0730 76	0.000	0.000	0.000	0.000	0.000	0.000	0.138	0.518	1730 176	0.518	0.138	602.1 * 2	0.330 276	0.216	0.051	600.9
1	0735 77	0.000	0.000	0.000	0.000	0.000	0.000	0.138	0.493	1735 177	0.493	0.138	602.1 * 2	0.336 277	0.211	0.049	600.9
1	0742 78	0.000	0.000	0.000	0.000	0.000	0.000	0.138	0.478	1742 178	0.478	0.138	602.1 * 2	0.342 278	0.206	0.048	600.9
1	0748 79	0.000	0.000	0.000	0.000	0.000	0.000	0.138	0.478	1748 179	0.478	0.138	602.1 * 2	0.348 279	0.201	0.046	600.9
1	0754 80	0.000	0.000	0.000	0.000	0.000	0.000	0.138	0.462	1754 180	0.462	0.138	602.1 * 2	0.354 280	0.196	0.044	600.8
1	0800 81	0.000	0.000	0.000	0.000	0.000	0.000	0.138	0.458	1800 181	0.458	0.138	602.1 * 2	0.400 281	0.191	0.043	600.8
1	0806 82	0.000	0.000	0.000	0.000	0.000	0.000	0.138	0.453	1806 182	0.453	0.138	602.1 * 2	0.406 282	0.187	0.041	600.8
1	0812 83	0.000	0.000	0.000	0.000	0.000	0.000	0.138	0.454	1812 183	0.454	0.138	602.1 * 2	0.412 283	0.183	0.040	600.7
1	0818 84	0.000	0.000	0.000	0.000	0.000	0.000	0.137	0.441	1818 184	0.441	0.137	602.1 * 2	0.418 284	0.178	0.038	600.7
1	0824 85	0.000	0.000	0.000	0.000	0.000	0.000	0.137	0.430	1824 185	0.430	0.137	602.1 * 2	0.424 285	0.174	0.037	600.7
1	0830 86	0.000	0.000	0.000	0.000	0.000	0.000	0.137	0.423	1830 186	0.423	0.137	602.1 * 2	0.430 286	0.170	0.035	600.6
1	0836 87	0.000	0.000	0.000	0.000	0.000	0.000	0.137	0.418	1836 187	0.418	0.137	602.1 * 2	0.436 287	0.166	0.034	600.6
1	0842 88	0.000	0.000	0.000	0.000	0.000	0.000	0.137	0.415	1842 188	0.415	0.137	602.1 * 2	0.442 288	0.162	0.033	600.6
1	0848 89	0.000	0.000	0.000	0.000	0.000	0.000	0.137	0.413	1848 189	0.413	0.137	602.1 * 2	0.448 289	0.158	0.031	600.6
1	0854 90	0.000	0.000	0.000	0.000	0.000	0.000	0.137	0.412	1854 190	0.412	0.137	602.1 * 2	0.454 290	0.155	0.030	600.6
1	0900 91	0.000	0.000	0.000	0.000	0.000	0.000	0.137	0.411	1900 191	0.411	0.137	602.1 * 2	0.500 291	0.151	0.029	600.5
1	0906 92	0.000	0.000	0.000	0.000	0.000	0.000	0.137	0.411	1906 192	0.411	0.137	602.1 * 2	0.506 292	0.146	0.027	600.5
1	0912 93	0.000	0.000	0.000	0.000	0.000	0.000	0.137	0.399	1912 193	0.399	0.137	602.1 * 2	0.512 293	0.141	0.026	600.5
1	0918 94	0.000	0.000	0.000	0.000	0.000	0.000	0.137	0.381	1918 194	0.381	0.137	602.1 * 2	0.518 294	0.137	0.025	600.5
1	0924 95	0.000	0.000	0.000	0.000	0.000	0.000	0.137	0.381	1924 195	0.381	0.137	602.1 * 2	0.524 295	0.132	0.024	600.4
1	0930 96	0.000	0.000	0.000	0.000	0.000	0.000	0.137	0.388	1930 196	0.388	0.137	602.1 * 2	0.530 296	0.128	0.023	600.4
1	0936 97	0.000	0.000	0.000	0.000	0.000	0.000	0.137	0.396	1936 197	0.396	0.137	602.1 * 2	0.536 297	0.123	0.022	600.4
1	0942 98	0.000	0.000	0.000	0.000	0.000	0.000	0.137	0.389	1942 198	0.389	0.137	602.1 * 2	0.542 298	0.119	0.021	600.4
1	0948 99	0.000	0.000	0.000	0.000	0.000	0.000	0.137	0.376	1948 199	0.376	0.137	602.1 * 2	0.548 299	0.115	0.020	600.4
1	0954 100	0.000	0.000	0.000	0.000	0.000	0.000	0.137	0.378	1954 200	0.378	0.137	602.1 * 2	0.554 300	0.111	0.019	600.4

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 PEAK FLOW TIME  
 + (CFS) (HR)  
 + 10. 12.50  
 (INCHES)  
 (AC-FT)  
 2. 2.842  
 1. 1.  
 1. 1.  
 PEAK STORAGE TIME  
 + (AC-FT) (HR)  
 + 0. 12.50  
 PEAK STAGE TIME  
 + (FEET) (HR)  
 + 604.19 12.50  
 CUMULATIVE AREA = 0.01 SQ MI  
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DA	MON	HR	ORD	OUTFLOW	STORAGE	STAGE	DA	MON	HR	ORD	OUTFLOW	STORAGE	STAGE	DA	MON	HR	ORD	OUTFLOW	STORAGE	STAGE
1	1	0000	1	0.000	0.000	600.0	1	1000	101	0.013	0.002	600.0	1	2000	201	0.433	0.137	602.1		
1	1	0006	2	0.000	0.000	600.0	1	1006	102	0.020	0.003	600.1	1	2006	202	0.409	0.137	602.1		
1	1	0012	3	0.000	0.000	600.0	1	1012	103	0.027	0.004	600.1	1	2012	203	0.395	0.137	602.1		
1	1	0018	4	0.000	0.000	600.0	1	1018	104	0.036	0.006	600.1	1	2018	204	0.408	0.137	602.1		
1	1	0024	5	0.000	0.000	600.0	1	1024	105	0.047	0.007	600.1	1	2024	205	0.414	0.137	602.1		
1	1	0030	6	0.000	0.000	600.0	1	1030	106	0.060	0.009	600.2	1	2030	206	0.396	0.137	602.1		
1	1	0036	7	0.000	0.000	600.0	1	1036	107	0.075	0.012	600.2	1	2036	207	0.387	0.137	602.1		
1	1	0042	8	0.000	0.000	600.0	1	1042	108	0.091	0.014	600.3	1	2042	208	0.403	0.137	602.1		
1	1	0048	9	0.000	0.000	600.0	1	1048	109	0.103	0.017	600.3	1	2048	209	0.411	0.137	602.1		
1	1	0054	10	0.000	0.000	600.0	1	1054	110	0.117	0.020	600.4	1	2054	210	0.395	0.137	602.1		
1	1	0100	11	0.000	0.000	600.0	1	1100	111	0.132	0.024	600.4	1	2100	211	0.372	0.136	602.1		
1	1	0106	12	0.000	0.000	600.0	1	1106	112	0.150	0.028	600.5	1	2106	212	0.368	0.136	602.1		
1	1	0112	13	0.000	0.000	600.0	1	1112	113	0.165	0.033	600.5	1	2112	213	0.390	0.137	602.1		

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 HYDROGRAPH AT STATION ROUTED  
 PLAN 1, RATIO = 6.30  
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DA	MON	HR	ORD	OUTFLOW	STORAGE	STAGE	DA	MON	HR	ORD	OUTFLOW	STORAGE	STAGE	DA	MON	HR	ORD	OUTFLOW	STORAGE	STAGE
1	1	0000	1	0.000	0.000	600.0	1	1000	101	0.013	0.002	600.0	1	2000	201	0.433	0.137	602.1		
1	1	0006	2	0.000	0.000	600.0	1	1006	102	0.020	0.003	600.1	1	2006	202	0.409	0.137	602.1		
1	1	0012	3	0.000	0.000	600.0	1	1012	103	0.027	0.004	600.1	1	2012	203	0.395	0.137	602.1		
1	1	0018	4	0.000	0.000	600.0	1	1018	104	0.036	0.006	600.1	1	2018	204	0.408	0.137	602.1		
1	1	0024	5	0.000	0.000	600.0	1	1024	105	0.047	0.007	600.1	1	2024	205	0.414	0.137	602.1		
1	1	0030	6	0.000	0.000	600.0	1	1030	106	0.060	0.009	600.2	1	2030	206	0.396	0.137	602.1		
1	1	0036	7	0.000	0.000	600.0	1	1036	107	0.075	0.012	600.2	1	2036	207	0.387	0.137	602.1		
1	1	0042	8	0.000	0.000	600.0	1	1042	108	0.091	0.014	600.3	1	2042	208	0.403	0.137	602.1		
1	1	0048	9	0.000	0.000	600.0	1	1048	109	0.103	0.017	600.3	1	2048	209	0.411	0.137	602.1		
1	1	0054	10	0.000	0.000	600.0	1	1054	110	0.117	0.020	600.4	1	2054	210	0.395	0.137	602.1		
1	1	0100	11	0.000	0.000	600.0	1	1100	111	0.132	0.024	600.4	1	2100	211	0.372	0.136	602.1		
1	1	0106	12	0.000	0.000	600.0	1	1106	112	0.150	0.028	600.5	1	2106	212	0.368	0.136	602.1		
1	1	0112	13	0.000	0.000	600.0	1	1112	113	0.165	0.033	600.5	1	2112	213	0.390	0.137	602.1		

1	0118	14	0.000	0.000	600.0	*	1	1118	114	0.181	0.039	600.7	*	1	2118	214	0.403	0.137	602.1
1	0124	15	0.000	0.000	600.0	*	1	1124	115	0.260	0.046	600.9	*	1	2124	215	0.390	0.137	602.1
1	0130	16	0.000	0.000	600.0	*	1	1130	116	0.222	0.053	601.0	*	1	2130	216	0.369	0.136	602.1
1	0136	17	0.000	0.000	600.0	*	1	1136	117	0.238	0.062	601.1	*	1	2136	217	0.352	0.136	602.1
1	0142	18	0.000	0.000	600.0	*	1	1142	118	0.255	0.073	601.3	*	1	2142	218	0.340	0.136	602.1
1	0148	19	0.000	0.000	600.0	*	1	1148	119	0.271	0.087	601.5	*	1	2148	219	0.332	0.136	602.1
1	0154	20	0.000	0.000	600.0	*	1	1154	120	0.297	0.106	601.7	*	1	2154	220	0.330	0.136	602.1
1	0200	21	0.000	0.000	600.0	*	1	1200	121	0.596	0.140	602.2	*	1	2200	221	0.337	0.136	602.1
1	0206	22	0.000	0.000	600.0	*	1	1206	122	3.682	0.189	602.2	*	1	2206	222	0.371	0.136	602.1
1	0212	23	0.000	0.000	600.0	*	1	1212	123	5.802	0.258	603.4	*	1	2212	223	0.392	0.137	602.1
1	0218	24	0.000	0.000	600.0	*	1	1218	124	8.465	0.338	604.1	*	1	2218	224	0.382	0.137	602.1
1	0224	25	0.000	0.000	600.0	*	1	1224	125	14.298	0.380	604.4	*	1	2224	225	0.366	0.136	602.1
1	0230	26	0.000	0.000	600.0	*	1	1230	126	13.594	0.375	604.4	*	1	2230	226	0.351	0.136	602.1
1	0236	27	0.000	0.000	600.0	*	1	1236	127	10.219	0.357	604.2	*	1	2236	227	0.340	0.136	602.1
1	0242	28	0.000	0.000	600.0	*	1	1242	128	8.243	0.335	604.1	*	1	2242	228	0.332	0.136	602.1
1	0248	29	0.000	0.000	600.0	*	1	1248	129	6.318	0.312	603.9	*	1	2248	229	0.330	0.136	602.1
1	0254	30	0.000	0.000	600.0	*	1	1254	130	4.483	0.289	603.7	*	1	2254	230	0.330	0.136	602.1
1	0300	31	0.000	0.000	600.0	*	1	1300	131	5.968	0.266	603.4	*	1	2300	231	0.330	0.136	602.1
1	0306	32	0.000	0.000	600.0	*	1	1306	132	5.425	0.243	603.2	*	1	2306	232	0.330	0.136	602.1
1	0312	33	0.000	0.000	600.0	*	1	1312	133	4.887	0.222	603.0	*	1	2312	233	0.330	0.136	602.1
1	0318	34	0.000	0.000	600.0	*	1	1318	134	4.298	0.204	602.9	*	1	2318	234	0.330	0.135	602.1
1	0324	35	0.000	0.000	600.0	*	1	1324	135	3.694	0.190	602.7	*	1	2324	235	0.330	0.135	602.1
1	0330	36	0.000	0.000	600.0	*	1	1330	136	3.158	0.179	602.6	*	1	2330	236	0.330	0.135	602.1
1	0336	37	0.000	0.000	600.0	*	1	1336	137	2.686	0.172	602.5	*	1	2336	237	0.329	0.135	602.1
1	0342	38	0.000	0.000	600.0	*	1	1342	138	2.366	0.167	602.5	*	1	2342	238	0.329	0.135	602.1
1	0348	39	0.000	0.000	600.0	*	1	1348	139	2.124	0.163	602.4	*	1	2348	239	0.329	0.135	602.1
1	0354	40	0.000	0.000	600.0	*	1	1354	140	1.953	0.161	602.4	*	1	2354	240	0.329	0.135	602.1
1	0400	41	0.000	0.000	600.0	*	1	1400	141	1.829	0.159	602.4	*	2	0000	241	0.329	0.135	602.1
1	0406	42	0.000	0.000	600.0	*	1	1406	142	1.728	0.157	602.3	*	2	0006	242	0.329	0.135	602.1
1	0412	43	0.000	0.000	600.0	*	1	1412	143	1.654	0.156	602.3	*	2	0012	243	0.327	0.132	602.1
1	0418	44	0.000	0.000	600.0	*	1	1418	144	1.584	0.155	602.3	*	2	0018	244	0.325	0.129	602.0
1	0424	45	0.000	0.000	600.0	*	1	1424	145	1.561	0.155	602.3	*	2	0024	245	0.323	0.127	602.0
1	0430	46	0.000	0.000	600.0	*	1	1430	146	1.497	0.154	602.3	*	2	0030	246	0.320	0.124	602.0
1	0436	47	0.000	0.000	600.0	*	1	1436	147	1.433	0.152	602.3	*	2	0036	247	0.317	0.121	601.9
1	0442	48	0.000	0.000	600.0	*	1	1442	148	1.401	0.152	602.3	*	2	0042	248	0.315	0.119	601.9
1	0448	49	0.000	0.000	600.0	*	1	1448	149	1.376	0.151	602.3	*	2	0048	249	0.312	0.116	601.9
1	0454	50	0.000	0.000	600.0	*	1	1454	150	1.325	0.151	602.3	*	2	0054	250	0.309	0.114	601.9
1	0500	51	0.000	0.000	600.0	*	1	1500	151	1.257	0.150	602.3	*	2	0100	251	0.305	0.111	601.8
1	0506	52	0.000	0.000	600.0	*	1	1506	152	1.212	0.149	602.3	*	2	0106	252	0.301	0.109	601.8
1	0512	53	0.000	0.000	600.0	*	1	1512	153	1.203	0.149	602.3	*	2	0112	253	0.297	0.106	601.7
1	0518	54	0.000	0.000	600.0	*	1	1518	154	1.196	0.149	602.3	*	2	0118	254	0.293	0.104	601.7
1	0524	55	0.000	0.000	600.0	*	1	1524	155	1.171	0.149	602.3	*	2	0124	255	0.289	0.101	601.7
1	0530	56	0.000	0.000	600.0	*	1	1530	156	1.144	0.148	602.2	*	2	0130	256	0.286	0.099	601.6
1	0536	57	0.000	0.000	600.0	*	1	1536	157	1.110	0.148	602.2	*	2	0136	257	0.282	0.097	601.6
1	0542	58	0.000	0.000	600.0	*	1	1542	158	1.077	0.147	602.2	*	2	0142	258	0.279	0.094	601.6
1	0548	59	0.000	0.000	600.0	*	1	1548	159	1.068	0.147	602.2	*	2	0148	259	0.276	0.092	601.5
1	0554	60	0.000	0.000	600.0	*	1	1554	160	1.057	0.147	602.2	*	2	0154	260	0.274	0.090	601.5
1	0600	61	0.000	0.000	600.0	*	1	1600	161	1.071	0.147	602.2	*	2	0200	261	0.271	0.087	601.5
1	0606	62	0.000	0.000	600.0	*	1	1606	162	1.144	0.148	602.2	*	2	0206	262	0.269	0.085	601.4
1	0612	63	0.000	0.000	600.0	*	1	1612	163	1.184	0.149	602.2	*	2	0212	263	0.267	0.083	601.4
1	0618	64	0.000	0.000	600.0	*	1	1618	164	1.146	0.148	602.2	*	2	0218	264	0.264	0.081	601.4
1	0624	65	0.000	0.000	600.0	*	1	1624	165	1.087	0.147	602.2	*	2	0224	265	0.262	0.079	601.4
1	0630	66	0.000	0.000	600.0	*	1	1630	166	1.023	0.147	602.2	*	2	0230	266	0.260	0.076	601.3
1	0636	67	0.000	0.000	600.0	*	1	1636	167	0.953	0.145	602.2	*	2	0236	267	0.256	0.074	601.3
1	0642	68	0.000	0.000	600.0	*	1	1642	168	0.909	0.145	602.2	*	2	0242	268	0.253	0.072	601.3
1	0648	69	0.000	0.000	600.0	*	1	1648	169	0.889	0.144	602.2	*	2	0248	269	0.250	0.070	601.2
1	0654	70	0.000	0.000	600.0	*	1	1654	170	0.849	0.144	602.2	*	2	0254	270	0.247	0.068	601.2
1	0700	71	0.000	0.000	600.0	*	1	1700	171	0.775	0.143	602.2	*	2	0300	271	0.244	0.066	601.2
1	0706	72	0.000	0.000	600.0	*	1	1706	172	0.688	0.141	602.2	*	2	0306	272	0.241	0.064	601.2
1	0712	73	0.000	0.000	600.0	*	1	1712	173	0.628	0.140	602.2	*	2	0312	273	0.238	0.062	601.1
1	0718	74	0.000	0.000	600.0	*	1	1718	174	0.610	0.140	602.2	*	2	0318	274	0.235	0.060	601.1
1	0724	75	0.000	0.000	600.0	*	1	1724	175	0.610	0.140	602.2	*	2	0324	275	0.232	0.058	601.1
1	0730	76	0.000	0.000	600.0	*	1	1730	176	0.601	0.140	602.2	*	2	0330	276	0.228	0.056	601.0
1	0736	77	0.000	0.000	600.0	*	1	1736	177	0.572	0.140	602.2	*	2	0336	277	0.224	0.054	601.0
1	0742	78	0.000	0.000	600.0	*	1	1742	178	0.555	0.139	602.1	*	2	0342	278	0.220	0.053	601.0
1	0748	79	0.000	0.000	600.0	*	1	1748	179	0.551	0.139	602.1	*	2	0348	279	0.215	0.051	600.9
1	0754	80	0.000	0.000	600.0	*	1	1754	180	0.536	0.139	602.1	*	2	0354	280	0.209	0.049	600.9
1	0800	81	0.000	0.000	600.0	*	1	1800	181	0.531	0.139	602.1	*	2	0400	281	0.205	0.047	600.9
1	0806	82	0.000	0.000	600.0	*	1	1806	182	0.536	0.139	602.1	*	2	0406	282	0.200	0.046	600.9
1	0812	83	0.000	0.000	600.0	*	1	1812	183	0.527	0.139	602.1	*	2	0412	283	0.195	0.044	600.8
1	0818	84	0.000	0.000	600.0	*	1	1818	184	0.527	0.139	602.1	*	2	0418	284	0.190	0.042	600.8
1	0824	85	0.000	0.000	600.0	*	1	1824	185	0.499	0.138	602.1	*	2	0424	285	0.186	0.041	600.8
1	0830	86	0.00																

PEAK FLOW	TIME	6-HR	24-HR	72-HR	29.90-HR	602.1	0.437	0.177	0.038	600.7
1	0836 87	0.000	0.000	1836 187	0.484	0.138	0.436 287	0.177	0.038	600.7
1	0842 88	0.000	0.000	1842 188	0.481	0.138	0.442 288	0.173	0.036	600.7
1	0848 89	0.000	0.000	1848 189	0.479	0.138	0.448 289	0.169	0.035	600.7
1	0854 90	0.000	0.000	1854 190	0.477	0.138	0.454 290	0.165	0.034	600.6
1	0900 91	0.000	0.000	1860 191	0.477	0.138	0.460 291	0.161	0.032	600.6
1	0906 92	0.000	0.000	1866 192	0.476	0.138	0.466 292	0.158	0.031	600.6
1	0912 93	0.000	0.000	1872 193	0.462	0.138	0.472 293	0.154	0.030	600.6
1	0918 94	0.000	0.000	1878 194	0.442	0.138	0.478 294	0.150	0.028	600.5
1	0924 95	0.000	0.000	1884 195	0.441	0.138	0.484 295	0.145	0.027	600.5
1	0930 96	0.000	0.000	1890 196	0.450	0.138	0.490 296	0.140	0.026	600.5
1	0936 97	0.001	0.000	1896 197	0.458	0.138	0.496 297	0.136	0.025	600.5
1	0942 98	0.002	0.000	1902 198	0.451	0.138	0.502 298	0.131	0.024	600.4
1	0948 99	0.004	0.001	1908 199	0.435	0.137	0.508 299	0.127	0.023	600.4
1	0954 100	0.008	0.001	1914 200	0.437	0.137	0.514 300	0.122	0.022	600.4

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PEAK FLOW	TIME	6-HR	24-HR	72-HR	29.90-HR	602.1	0.437	0.177	0.038	600.7
+	14. 12.40	(CFS)	3. 1.	3.447	3.447	1.	2000 201	0.480	0.138	602.1
		(INCHES)	2.738	3.447	3.447	2.	2006 202	0.463	0.138	602.1
		(AC-FT)	1.	2.	2.	1.	2012 203	0.478	0.138	602.1
						2.	2018 204	0.485	0.138	602.1
							2024 205	0.465	0.138	602.1
							2030 206	0.454	0.138	602.1
							2036 207	0.463	0.138	602.1
							2042 208	0.463	0.138	602.1
							2048 209	0.432	0.137	602.1
							2054 210	0.458	0.138	602.1
							2100 211	0.437	0.137	602.1
							2106 212	0.458	0.138	602.1
							2112 213	0.473	0.138	602.1
							2118 214	0.457	0.138	602.1
							2124 215	0.457	0.138	602.1
							2130 216	0.433	0.137	602.1
							2136 217	0.413	0.137	602.1
							2142 218	0.399	0.137	602.1
							2148 219	0.390	0.137	602.1
							2154 220	0.384	0.137	602.1
							2160 221	0.397	0.137	602.1
							2206 222	0.436	0.137	602.1
							2212 223	0.460	0.138	602.1
							2218 224	0.450	0.138	602.1
							2224 225	0.429	0.137	602.1
							2230 226	0.411	0.137	602.1

CUMULATIVE AREA = 0.01 SQ MI

HYDROGRAPH AT STATION ROUTED  
PLAN 1, RATIO = 7.20

DA MON HRMN ORD	OUTFLOW	STORAGE	STAGE	DA MON HRMN ORD	OUTFLOW	STORAGE	STAGE	DA MON HRMN ORD	OUTFLOW	STORAGE	STAGE
1	0800	0.000	600.0	1	1000	0.064	600.2	1	2000	0.509	602.1
1	0806	0.000	600.0	1	1006	0.078	600.2	1	2006	0.480	602.1
1	0812	0.000	600.0	1	1012	0.092	600.3	1	2012	0.463	602.1
1	0818	0.000	600.0	1	1018	0.104	600.3	1	2018	0.478	602.1
1	0824	0.000	600.0	1	1024	0.115	600.4	1	2024	0.485	602.1
1	0830	0.000	600.0	1	1030	0.129	600.4	1	2030	0.465	602.1
1	0836	0.000	600.0	1	1036	0.145	600.5	1	2036	0.454	602.1
1	0842	0.000	600.0	1	1042	0.159	600.6	1	2042	0.473	602.1
1	0848	0.000	600.0	1	1048	0.172	600.7	1	2048	0.463	602.1
1	0854	0.000	600.0	1	1054	0.187	600.8	1	2054	0.463	602.1
1	0900	0.000	600.0	1	1100	0.203	600.9	1	2100	0.437	602.1
1	0906	0.000	600.0	1	1106	0.222	601.0	1	2106	0.432	602.1
1	0912	0.000	600.0	1	1112	0.236	601.1	1	2112	0.458	602.1
1	0918	0.000	600.0	1	1118	0.249	601.2	1	2118	0.473	602.1
1	0924	0.000	600.0	1	1124	0.267	601.3	1	2124	0.457	602.1
1	0930	0.000	600.0	1	1130	0.274	601.5	1	2130	0.457	602.1
1	0936	0.000	600.0	1	1136	0.282	601.7	1	2136	0.433	602.1
1	0942	0.000	600.0	1	1142	0.292	601.9	1	2142	0.413	602.1
1	0948	0.000	600.0	1	1148	0.314	602.1	1	2148	0.399	602.1
1	0954	0.000	600.0	1	1154	0.348	602.3	1	2154	0.390	602.1
1	0200	0.000	600.0	1	1200	1.663	602.6	1	2154	0.384	602.1
1	0206	0.000	600.0	1	1206	3.457	603.2	1	2206	0.397	602.1
1	0212	0.000	600.0	1	1212	5.216	603.2	1	2206	0.436	602.1
1	0218	0.000	600.0	1	1218	7.032	603.9	1	2212	0.460	602.1
1	0224	0.000	600.0	1	1224	16.396	604.5	1	2218	0.450	602.1
1	0230	0.000	600.0	1	1230	20.031	604.6	1	2224	0.429	602.1
1	0236	0.000	600.0	1	1236	16.504	604.5	1	2230	0.411	602.1





(AC-FT) 1. 1. 1. 1.  
 CUMULATIVE AREA = 0.01 SQ MI

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 HYDROGRAPH AT STATION LAG D  
 FOR PLAN 1, RATIO = 5.10  
 PEAK FLOW TIME  
 (CFS) (HR) 6-HR 24-HR 72-HR 29.90-HR  
 + 7. 12.70 2. 1. 0.  
 (INCHES) 1.856 2.422 2.422 2.422  
 (AC-FT) 1. 1. 1.  
 CUMULATIVE AREA = 0.01 SQ MI

\*\*\* \*\*  
 HYDROGRAPH AT STATION LAG D  
 FOR PLAN 1, RATIO = 5.60  
 PEAK FLOW TIME  
 (CFS) (HR) 6-HR 24-HR 72-HR 29.90-HR  
 + 10. 12.60 2. 1. 1.  
 (INCHES) 2.205 2.840 2.840 2.840  
 (AC-FT) 1. 1. 1.  
 CUMULATIVE AREA = 0.01 SQ MI

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 HYDROGRAPH AT STATION LAG D  
 FOR PLAN 1, RATIO = 6.30  
 PEAK FLOW TIME  
 (CFS) (HR) 6-HR 24-HR 72-HR 29.90-HR  
 + 14. 12.50 3. 1. 1.  
 (INCHES) 2.738 3.445 3.445 3.445  
 (AC-FT) 1. 2. 2.  
 CUMULATIVE AREA = 0.01 SQ MI

\*\*\* \*\*  
 HYDROGRAPH AT STATION LAG D  
 FOR PLAN 1, RATIO = 7.20  
 PEAK FLOW TIME  
 (CFS) (HR) 6-HR 24-HR 72-HR 29.90-HR  
 + 20. 12.50 3. 1. 1.  
 (INCHES) 3.436 4.249 4.249 4.249  
 (AC-FT) 2. 2. 2.  
 CUMULATIVE AREA = 0.01 SQ MI

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FOR PLAN 1, RATIO = 3.20

TOTAL RAINFALL = 3.20, TOTAL LOSS = 2.43, TOTAL EXCESS = 0.77  
PEAK FLOW TIME  
+ (CFS) (HR) 6-HR MAXIMUM AVERAGE FLOW 29.90-HR  
+ 0. 12.40 (CFS) 0. 0. 0. 0.  
(INCHES) 0.632 0.770 0.770 0.770  
(AC-FT) 0. 0. 0. 0.  
CUMULATIVE AREA = 0.00 SQ MI

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HYDROGRAPH AT STATION SUB2  
FOR PLAN 1, RATIO = 4.30

TOTAL RAINFALL = 4.30, TOTAL LOSS = 2.83, TOTAL EXCESS = 1.47  
PEAK FLOW TIME  
+ (CFS) (HR) 6-HR MAXIMUM AVERAGE FLOW 29.90-HR  
+ 1. 12.30 (CFS) 0. 0. 0. 0.  
(INCHES) 1.228 1.475 1.475 1.475  
(AC-FT) 0. 0. 0. 0.  
CUMULATIVE AREA = 0.00 SQ MI

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HYDROGRAPH AT STATION SUB2  
FOR PLAN 1, RATIO = 5.10

TOTAL RAINFALL = 5.10, TOTAL LOSS = 3.05, TOTAL EXCESS = 2.05  
PEAK FLOW TIME  
+ (CFS) (HR) 6-HR MAXIMUM AVERAGE FLOW 29.90-HR  
+ 1. 12.30 (CFS) 0. 0. 0. 0.  
(INCHES) 1.711 2.054 2.054 2.054  
(AC-FT) 0. 0. 0. 0.  
CUMULATIVE AREA = 0.00 SQ MI

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HYDROGRAPH AT STATION SUB2  
FOR PLAN 1, RATIO = 5.60

TOTAL RAINFALL = 5.60, TOTAL LOSS = 3.16, TOTAL EXCESS = 2.44  
PEAK FLOW TIME  
+ (CFS) (HR) 6-HR MAXIMUM AVERAGE FLOW 29.90-HR  
+ 1. 12.30 (CFS) 0. 0. 0. 0.  
(INCHES) 2.027 2.437 2.437 2.437  
(AC-FT) 0. 0. 0. 0.  
CUMULATIVE AREA = 0.00 SQ MI

\*\*\* \*\*

HYDROGRAPH AT STATION SUB2  
FOR PLAN 1, RATIO = 6.30



269 LS SCS LOSS RATE 1.00 INITIAL ABSTRACTION  
 STWTL 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00  
 CHWBR 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00  
 RTIWF 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00  
 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00  
 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00

270 UD SCS DIMENSIONLESS UNITGRAPH 0.11 LAG  
 TLAG 0.11 LAG

UNIT HYDROGRAPH  
 8 END-OF-PERIOD ORDINATES  
 7. 10. 4. 1. 1. 0. 0. 0.  
 TOTAL RAINFALL = 1.00, TOTAL LOSS = 1.00, TOTAL EXCESS = 0.00  
 PEAK FLOW TIME MAXIMUM AVERAGE FLOW  
 (CFS) (HR) 6-HR 24-HR 72-HR 29.90-HR  
 + 0. 0.10 (CFS) 0. 0. 0. 0.  
 (INCHES) 0.000 0.000 0.000 0.000  
 (AC-FT) 0. 0. 0. 0.  
 CUMULATIVE AREA = 0.00 SQ MI

HYDROGRAPH AT STATION SUB9  
 FOR PLAN 1, RATIO = 3.20  
 TOTAL RAINFALL = 3.20, TOTAL LOSS = 1.98, TOTAL EXCESS = 1.22  
 PEAK FLOW TIME MAXIMUM AVERAGE FLOW  
 (CFS) (HR) 6-HR 24-HR 72-HR 29.90-HR  
 + 2. 12.30 (CFS) 0. 0. 0. 0.  
 (INCHES) 1.027 1.221 1.221 1.221  
 (AC-FT) 0. 0. 0. 0.  
 CUMULATIVE AREA = 0.00 SQ MI

HYDROGRAPH AT STATION SUB9  
 FOR PLAN 1, RATIO = 4.30  
 TOTAL RAINFALL = 4.30, TOTAL LOSS = 2.15, TOTAL EXCESS = 2.15  
 PEAK FLOW TIME MAXIMUM AVERAGE FLOW  
 (CFS) (HR) 6-HR 24-HR 72-HR 29.90-HR  
 + 5. 12.30 (CFS) 1.827 2.150 2.150 2.150  
 (INCHES) 0. 0. 0. 0.  
 (AC-FT) 0. 0. 0. 0.  
 CUMULATIVE AREA = 0.00 SQ MI

HYDROGRAPH AT STATION SUB9  
 FOR PLAN 1, RATIO = 5.10

TOTAL RAINFALL = 5.10, TOTAL LOSS = 2.23, TOTAL EXCESS = 2.87

PEAK FLOW TIME	6-HR	24-HR	72-HR	29.90-HR
(CFS)				
+	1.	0.	0.	0.
+	2.430	2.866	2.866	2.866
(INCHES)				
(AC-FT)	0.	1.	1.	1.

CUMULATIVE AREA = 0.00 SQ MI

\*\*\* \*\*

HYDROGRAPH AT STATION SUB9  
FOR PLAN 1, RATIO = 5.60

TOTAL RAINFALL = 5.60, TOTAL LOSS = 2.28, TOTAL EXCESS = 3.32

PEAK FLOW TIME	6-HR	24-HR	72-HR	29.90-HR
(CFS)				
+	1.	0.	0.	0.
+	2.813	3.325	3.325	3.325
(INCHES)				
(AC-FT)	1.	1.	1.	1.

CUMULATIVE AREA = 0.00 SQ MI

\*\*\* \*\*

HYDROGRAPH AT STATION SUB9  
FOR PLAN 1, RATIO = 6.30

TOTAL RAINFALL = 6.30, TOTAL LOSS = 2.32, TOTAL EXCESS = 3.98

PEAK FLOW TIME	6-HR	24-HR	72-HR	29.90-HR
(CFS)				
+	1.	0.	0.	0.
+	3.348	3.976	3.976	3.976
(INCHES)				
(AC-FT)	1.	1.	1.	1.

CUMULATIVE AREA = 0.00 SQ MI

\*\*\* \*\*

HYDROGRAPH AT STATION SUB9  
FOR PLAN 1, RATIO = 7.20

TOTAL RAINFALL = 7.20, TOTAL LOSS = 2.37, TOTAL EXCESS = 4.83

PEAK FLOW TIME	6-HR	24-HR	72-HR	29.90-HR
(CFS)				
+	2.	0.	0.	0.
+	4.032	4.826	4.826	4.826
(INCHES)				
(AC-FT)	1.	1.	1.	1.

CUMULATIVE AREA = 0.00 SQ MI

\*\*\* \*\*

\*\*\*\*\*  
 \* TO LB \*  
 \* \*\*\*\*\*  
 271 KK

COMBINED RUNOFF ENTERING PROPOSED LEACHING BASIN  
 BASINS PROVIDE NO ROUTING EFFECT, ONLY FOR WATER QUALITY PURPOSES  
 THEREFORE THEY ARE NOT MODELED IN THIS ANALYSIS

275 HC HYDROGRAPH COMBINATION 2 NUMBER OF HYDROGRAPHS TO COMBINE  
 ICOMP

\*\*\* \*\*

HYDROGRAPH AT STATION TO LB  
 FOR PLAN 1, RATIO = 3.20

PEAK FLOW (CFS)	TIME (HR)	6-HR (CFS)	24-HR (INCHES) (AC-FT)	72-HR (INCHES) (AC-FT)	29.90-HR (INCHES) (AC-FT)
3	12.30	0.	0.	0.	0.
		0.958	1.142	1.142	1.142
		0.	0.	0.	0.
CUMULATIVE AREA = 0.00 SQ MI					

\*\*\* \*\*

HYDROGRAPH AT STATION TO LB  
 FOR PLAN 1, RATIO = 4.30

PEAK FLOW (CFS)	TIME (HR)	6-HR (CFS)	24-HR (INCHES) (AC-FT)	72-HR (INCHES) (AC-FT)	29.90-HR (INCHES) (AC-FT)
5	12.30	1.	0.	0.	0.
		1.722	2.032	2.032	2.032
		0.	0.	0.	0.
CUMULATIVE AREA = 0.00 SQ MI					

\*\*\* \*\*

HYDROGRAPH AT STATION TO LB  
 FOR PLAN 1, RATIO = 5.10

PEAK FLOW (CFS)	TIME (HR)	6-HR (CFS)	24-HR (INCHES) (AC-FT)	72-HR (INCHES) (AC-FT)	29.90-HR (INCHES) (AC-FT)
7	12.30	1.	0.	0.	0.
		2.303	2.725	2.725	2.725
		1.	1.	1.	1.
CUMULATIVE AREA = 0.00 SQ MI					

\*\*\* \*\*

HYDROGRAPH AT STATION TO LB  
 FOR PLAN 1, RATIO = 5.60

PEAK FLOW (CFS)	TIME (HR)	6-HR (CFS)	24-HR (INCHES) (AC-FT)	72-HR (INCHES) (AC-FT)	29.90-HR (INCHES) (AC-FT)
8	12.30	1.	0.	0.	0.
		2.675	3.170	3.170	3.170
		1.	1.	1.	1.
CUMULATIVE AREA = 0.00 SQ MI					

{AC-FT} 1. 1. 1. 1.  
 CUMULATIVE AREA = 0.00 SQ MI

\*\*\*  
 HYDROGRAPH AT STATION TO LB  
 FOR PLAN 1, RATIO = 6.30  
 MAXIMUM AVERAGE FLOW  
 6-HR 24-HR 72-HR 29.90-HR  
 (CFS) 1. 0. 0. 0.  
 (INCHES) 3.197 3.805 3.805 3.805  
 (AC-FT) 1. 1. 1. 1.  
 CUMULATIVE AREA = 0.00 SQ MI

\*\*\*  
 HYDROGRAPH AT STATION TO LB  
 FOR PLAN 1, RATIO = 7.20  
 MAXIMUM AVERAGE FLOW  
 6-HR 24-HR 72-HR 29.90-HR  
 (CFS) 2. 1. 0. 0.  
 (INCHES) 3.867 4.637 4.637 4.637  
 (AC-FT) 1. 1. 1. 1.  
 CUMULATIVE AREA = 0.00 SQ MI

\*\*\*  
 HYDROGRAPH AT STATION TO LB  
 FOR PLAN 1, RATIO = 3.20  
 MAXIMUM AVERAGE FLOW  
 6-HR 24-HR 72-HR 29.90-HR  
 (CFS) 4. 1. 1. 1.  
 (INCHES) 0.543 0.896 0.896 0.896  
 (AC-FT) 2. 3. 3. 3.  
 CUMULATIVE AREA = 0.06 SQ MI

\*\*\*\*\*  
 \* SITTOT \*  
 \*\*\*\*\*  
 COMBINED RUNOFF LEAVING THE SITE AT POINT OF INTEREST 'A'

276 KK  
 HYDROGRAPH COMBINATION  
 ICOMP 5 NUMBER OF HYDROGRAPHS TO COMBINE

278 HC  
 HYDROGRAPH COMBINATION  
 ICOMP 5 NUMBER OF HYDROGRAPHS TO COMBINE

\*\*\*  
 HYDROGRAPH AT STATION SITTOT  
 FOR PLAN 1, RATIO = 3.20  
 MAXIMUM AVERAGE FLOW  
 6-HR 24-HR 72-HR 29.90-HR  
 (CFS) 4. 1. 1. 1.  
 (INCHES) 0.543 0.896 0.896 0.896  
 (AC-FT) 2. 3. 3. 3.  
 CUMULATIVE AREA = 0.06 SQ MI

\*\*\*  
 HYDROGRAPH AT STATION SITTOT

FOR PLAN 1, RATIO = 4.30

PEAK FLOW (CFS)	TIME (HR)	6-HR (CFS)	24-HR (INCHES) (AC-FT)	MAXIMUM AVERAGE FLOW 72-HR (CFS)	29.90-HR (INCHES) (AC-FT)
33.	12.60	8.	1.267 4.	2. 1.708 5.	2. 1.708 5.
CUMULATIVE AREA = 0.06 SQ MI					

\*\*\* \*\*

HYDROGRAPH AT STATION SITTOT  
FOR PLAN 1, RATIO = 5.10

PEAK FLOW (CFS)	TIME (HR)	6-HR (CFS)	24-HR (INCHES) (AC-FT)	MAXIMUM AVERAGE FLOW 72-HR (CFS)	29.90-HR (INCHES) (AC-FT)
49.	12.60	12.	1.840 6.	3. 2.367 8.	3. 2.367 8.
CUMULATIVE AREA = 0.06 SQ MI					

\*\*\* \*\*

HYDROGRAPH AT STATION SITTOT  
FOR PLAN 1, RATIO = 5.60

PEAK FLOW (CFS)	TIME (HR)	6-HR (CFS)	24-HR (INCHES) (AC-FT)	MAXIMUM AVERAGE FLOW 72-HR (CFS)	29.90-HR (INCHES) (AC-FT)
59.	12.60	14.	2.211 7.	4. 2.794 9.	4. 2.794 9.
CUMULATIVE AREA = 0.06 SQ MI					

\*\*\* \*\*

HYDROGRAPH AT STATION SITTOT  
FOR PLAN 1, RATIO = 6.30

PEAK FLOW (CFS)	TIME (HR)	6-HR (CFS)	24-HR (INCHES) (AC-FT)	MAXIMUM AVERAGE FLOW 72-HR (CFS)	29.90-HR (INCHES) (AC-FT)
74.	12.50	18.	2.742 9.	4. 3.408 11.	4. 3.408 11.
CUMULATIVE AREA = 0.06 SQ MI					

\*\*\* \*\*

HYDROGRAPH AT STATION SITTOT  
FOR PLAN 1, RATIO = 7.20

PEAK FLOW (CFS)	TIME (HR)	6-HR (CFS)	24-HR (INCHES) (AC-FT)	MAXIMUM AVERAGE FLOW 72-HR (CFS)	29.90-HR (INCHES) (AC-FT)
97.	12.50	22.	3.440 11.	5. 4.218 14.	5. 4.218 14.

CUMULATIVE AREA = 0.06 SQ MI

\*\*\*\*\*

279 KK \* LAG AB \*  
\*\*\*\*\*

LAG THE TOTAL SITE HYDROGRAPH FROM POINT OF INTEREST 'A' TO POINT OF INTEREST 'B' BY 18 MINUTES

HYDROGRAPH ROUTING DATA

282 RT TATUM OR STRADDLE-STAGGER ROUTING  
NSTPS 0 NUMBER OF TATUM STEPS  
NSTDL 0 NUMBER OF ORDINATES TO BE AVERAGED  
LAG 3 NUMBER OF INTERVALS TO LAG HYDROGRAPH

\*\*\* \*\*

HYDROGRAPH AT STATION LAG AB  
FOR PLAN 1, RATIO = 3.20

PEAK FLOW	TIME	6-HR	24-HR	72-HR	29.90-HR
(CFS)					
4.	13.20	4.	1.	1.	1.
(INCHES)		0.543	0.890	0.890	0.890
(AC-FT)		2.	3.	3.	3.

CUMULATIVE AREA = 0.06 SQ MI

\*\*\* \*\*

HYDROGRAPH AT STATION LAG AB  
FOR PLAN 1, RATIO = 4.30

PEAK FLOW	TIME	6-HR	24-HR	72-HR	29.90-HR
(CFS)					
8.	12.90	8.	3.	2.	2.
(INCHES)		1.267	1.702	1.702	1.702
(AC-FT)		4.	5.	5.	5.

CUMULATIVE AREA = 0.06 SQ MI

\*\*\* \*\*

HYDROGRAPH AT STATION LAG AB  
FOR PLAN 1, RATIO = 5.10

PEAK FLOW	TIME	6-HR	24-HR	72-HR	29.90-HR
(CFS)					
12.	12.90	12.	4.	3.	3.
(INCHES)		1.840	2.360	2.360	2.360
(AC-FT)		6.	8.	8.	8.

CUMULATIVE AREA = 0.06 SQ MI

\*\*\* \*\*



+ (CFS) (HR) 20. 7. 6. 6.  
 + 45. 13.20 (INCHES) 0.065 (AC-FT) 10. 14. 0.088 0.088  
 CUMULATIVE AREA = 2.92 SQ MI

\*\*\* HYDROGRAPH AT STATION TOTAL  
 FOR PLAN 1, RATIO = 4.30  
 PEAK FLOW TIME 29.90-HR  
 (CFS) (HR) 46. 15. 12. 12.  
 + 130. 13.00 (INCHES) 0.147 (AC-FT) 23. 29. 0.189 0.189  
 CUMULATIVE AREA = 2.92 SQ MI

\*\*\* HYDROGRAPH AT STATION TOTAL  
 FOR PLAN 1, RATIO = 5.10  
 PEAK FLOW TIME 29.90-HR  
 (CFS) (HR) 70. 22. 18. 18.  
 + 200. 13.00 (INCHES) 0.223 (AC-FT) 35. 44. 0.283 0.283  
 CUMULATIVE AREA = 2.92 SQ MI

\*\*\* HYDROGRAPH AT STATION TOTAL  
 FOR PLAN 1, RATIO = 5.60  
 PEAK FLOW TIME 29.90-HR  
 (CFS) (HR) 87. 28. 22. 22.  
 + 250. 13.00 (INCHES) 0.277 (AC-FT) 43. 55. 0.351 0.351  
 CUMULATIVE AREA = 2.92 SQ MI

\*\*\* HYDROGRAPH AT STATION TOTAL  
 FOR PLAN 1, RATIO = 6.30  
 PEAK FLOW TIME 29.90-HR  
 (CFS) (HR) 113. 36. 29. 29.  
 + 326. 12.90 (INCHES) 0.361 (AC-FT) 56. 71. 0.455 0.455  
 CUMULATIVE AREA = 2.92 SQ MI