6.917	0.00	0.24	0.363	O				2.17
7.000	0.00	0.24	0.362	O				2.16
7.083	0.00	0.24	0.360	O				2.15
7.167	0.00	0.24	0.358	O				2.14
7.250	0.00	0.24	0.357	O				2.13
7.333	0.00	0.23	0.355	O				2.12
7.417	0.00	0.23	0.354	O				2.11
7.500	0.00	0.23	0.352	O				2.11
7.583	0.00	0.23	0.350	O				2.10
7.667	0.00	0.23	0.349	O				2.09
7.750	0.00	0.23	0.347	O				2.08
7.833	0.00	0.23	0.345	O				2.07
7.917	0.00	0.23	0.344	O				2.06
8.000	0.00	0.23	0.342	O				2.05
8.083	0.00	0.23	0.341	O				2.05
8.167	0.00	0.23	0.339	O				2.04
8.250	0.00	0.23	0.338	O				2.03
8.333	0.00	0.23	0.336	O				2.02
8.417	0.00	0.23	0.334	O				2.01
8.500	0.00	0.23	0.333	O				2.00
8.583	0.00	0.23	0.331	O				2.00
8.667	0.00	0.23	0.330	O				1.99
8.750	0.00	0.23	0.328	O				1.98
8.833	0.00	0.23	0.326	O				1.97
8.917	0.00	0.23	0.325	O				1.96
9.000	0.00	0.23	0.323	O				1.95
9.083	0.00	0.23	0.322	O				1.95
9.167	0.00	0.23	0.320	O				1.94
9.250	0.00	0.22	0.319	O				1.93
9.333	0.00	0.22	0.317	O				1.92
9.417	0.00	0.22	0.316	O				1.91
9.500	0.00	0.22	0.314	O				1.91
9.583	0.00	0.22	0.313	O				1.90
9.667	0.00	0.22	0.311	O				1.89
9.750	0.00	0.22	0.309	O				1.88
9.833	0.00	0.22	0.308	O				1.87
9.917	0.00	0.22	0.306	O				1.87
10.000	0.00	0.22	0.305	O				1.86
10.083	0.00	0.22	0.303	O				1.85
10.167	0.00	0.22	0.302	O				1.84
10.250	0.00	0.22	0.300	O				1.83
10.333	0.00	0.22	0.299	O				1.83
10.417	0.00	0.22	0.297	O				1.82
10.500	0.00	0.21	0.296	O				1.81
10.583	0.00	0.21	0.294	O				1.80
10.667	0.00	0.21	0.293	O				1.79
10.750	0.00	0.21	0.292	O				1.79
10.833	0.00	0.21	0.290	O				1.78
10.917	0.00	0.21	0.289	O				1.77
11.000	0.00	0.21	0.287	O				1.76
11.083	0.00	0.21	0.286	O				1.76
11.167	0.00	0.21	0.284	O				1.75
11.250	0.00	0.21	0.283	O				1.74

11.333	0.00	0.21	0.281	O	|	|	|	1.73
11.417	0.00	0.21	0.280	O	|	|	|	1.73
11.500	0.00	0.21	0.279	O	|	|	|	1.72
11.583	0.00	0.21	0.277	O	|	|	|	1.71
11.667	0.00	0.21	0.276	O	|	|	|	1.70
11.750	0.00	0.21	0.274	O	|	|	|	1.70
11.833	0.00	0.21	0.273	O	|	|	|	1.69
11.917	0.00	0.20	0.271	O	|	|	|	1.68
12.000	0.00	0.20	0.270	O	|	|	|	1.67
12.083	0.00	0.20	0.269	O	|	|	|	1.67
12.167	0.00	0.20	0.267	O	|	|	|	1.66
12.250	0.00	0.20	0.266	O	|	|	|	1.65
12.333	0.00	0.20	0.264	O	|	|	|	1.64
12.417	0.00	0.20	0.263	O	|	|	|	1.64
12.500	0.00	0.20	0.262	O	|	|	|	1.63
12.583	0.00	0.20	0.260	O	|	|	|	1.62
12.667	0.00	0.20	0.259	O	|	|	|	1.62
12.750	0.00	0.20	0.258	O	|	|	|	1.61
12.833	0.00	0.20	0.256	O	|	|	|	1.60
12.917	0.00	0.20	0.255	O	|	|	|	1.59
13.000	0.00	0.20	0.253	O	|	|	|	1.59
13.083	0.00	0.20	0.252	O	|	|	|	1.58
13.167	0.00	0.20	0.251	O	|	|	|	1.57
13.250	0.00	0.20	0.249	O	|	|	|	1.57
13.333	0.00	0.19	0.248	O	|	|	|	1.56
13.417	0.00	0.19	0.247	O	|	|	|	1.55
13.500	0.00	0.19	0.245	O	|	|	|	1.54
13.583	0.00	0.19	0.244	O	|	|	|	1.54
13.667	0.00	0.19	0.243	O	|	|	|	1.53
13.750	0.00	0.19	0.241	O	|	|	|	1.52
13.833	0.00	0.19	0.240	O	|	|	|	1.52
13.917	0.00	0.19	0.239	O	|	|	|	1.51
14.000	0.00	0.19	0.237	O	|	|	|	1.50
14.083	0.00	0.19	0.236	O	|	|	|	1.50
14.167	0.00	0.19	0.235	O	|	|	|	1.49
14.250	0.00	0.19	0.234	O	|	|	|	1.48
14.333	0.00	0.19	0.232	O	|	|	|	1.48
14.417	0.00	0.19	0.231	O	|	|	|	1.47
14.500	0.00	0.19	0.230	O	|	|	|	1.46
14.583	0.00	0.19	0.228	O	|	|	|	1.45
14.667	0.00	0.19	0.227	O	|	|	|	1.45
14.750	0.00	0.19	0.226	O	|	|	|	1.44
14.833	0.00	0.18	0.225	O	|	|	|	1.43
14.917	0.00	0.18	0.223	O	|	|	|	1.43
15.000	0.00	0.18	0.222	O	|	|	|	1.42
15.083	0.00	0.18	0.221	O	|	|	|	1.41
15.167	0.00	0.18	0.219	O	|	|	|	1.41
15.250	0.00	0.18	0.218	O	|	|	|	1.40
15.333	0.00	0.18	0.217	O	|	|	|	1.39
15.417	0.00	0.18	0.216	O	|	|	|	1.39
15.500	0.00	0.18	0.214	O	|	|	|	1.38
15.583	0.00	0.18	0.213	O	|	|	|	1.37
15.667	0.00	0.18	0.212	O	|	|	|	1.37

15.750	0.00	0.18	0.211	O				1.36
15.833	0.00	0.18	0.210	O				1.36
15.917	0.00	0.18	0.208	O				1.35
16.000	0.00	0.18	0.207	O				1.34
16.083	0.00	0.18	0.206	O				1.34
16.167	0.00	0.18	0.205	O				1.33
16.250	0.00	0.18	0.203	O				1.32
16.333	0.00	0.18	0.202	O				1.32
16.417	0.00	0.17	0.201	O				1.31
16.500	0.00	0.17	0.200	O				1.30
16.583	0.00	0.17	0.199	O				1.30
16.667	0.00	0.17	0.197	O				1.29
16.750	0.00	0.17	0.196	O				1.29
16.833	0.00	0.17	0.195	O				1.28
16.917	0.00	0.17	0.194	O				1.27
17.000	0.00	0.17	0.193	O				1.27
17.083	0.00	0.17	0.192	O				1.26
17.167	0.00	0.17	0.190	O				1.25
17.250	0.00	0.17	0.189	O				1.25
17.333	0.00	0.17	0.188	O				1.24
17.417	0.00	0.17	0.187	O				1.24
17.500	0.00	0.17	0.186	O				1.23
17.583	0.00	0.17	0.185	O				1.22
17.667	0.00	0.17	0.183	O				1.22
17.750	0.00	0.17	0.182	O				1.21
17.833	0.00	0.17	0.181	O				1.21
17.917	0.00	0.17	0.180	O				1.20
18.000	0.00	0.17	0.179	O				1.19
18.083	0.00	0.17	0.178	O				1.19
18.167	0.00	0.16	0.176	O				1.18
18.250	0.00	0.16	0.175	O				1.18
18.333	0.00	0.16	0.174	O				1.17
18.417	0.00	0.16	0.173	O				1.16
18.500	0.00	0.16	0.172	O				1.16
18.583	0.00	0.16	0.171	O				1.15
18.667	0.00	0.16	0.170	O				1.15
18.750	0.00	0.16	0.169	O				1.14
18.833	0.00	0.16	0.168	O				1.13
18.917	0.00	0.16	0.166	O				1.13
19.000	0.00	0.16	0.165	O				1.12
19.083	0.00	0.16	0.164	O				1.12
19.167	0.00	0.16	0.163	O				1.11
19.250	0.00	0.16	0.162	O				1.11
19.333	0.00	0.16	0.161	O				1.10
19.417	0.00	0.16	0.160	O				1.09
19.500	0.00	0.16	0.159	O				1.09
19.583	0.00	0.16	0.158	O				1.08
19.667	0.00	0.16	0.157	O				1.08
19.750	0.00	0.16	0.156	O				1.07
19.833	0.00	0.16	0.154	O				1.07
19.917	0.00	0.15	0.153	O				1.06
20.000	0.00	0.15	0.152	O				1.05
20.083	0.00	0.15	0.151	O				1.05

20.167	0.00	0.15	0.150	O				1.04
20.250	0.00	0.15	0.149	O				1.04
20.333	0.00	0.15	0.148	O				1.03
20.417	0.00	0.15	0.147	O				1.03
20.500	0.00	0.15	0.146	O				1.02
20.583	0.00	0.15	0.145	O				1.02
20.667	0.00	0.15	0.144	O				1.01
20.750	0.00	0.15	0.143	O				1.00
20.833	0.00	0.15	0.142	O				1.00
20.917	0.00	0.15	0.141	O				0.99
21.000	0.00	0.15	0.140	O				0.99
21.083	0.00	0.15	0.139	O				0.98
21.167	0.00	0.15	0.138	O				0.98
21.250	0.00	0.15	0.137	O				0.97
21.333	0.00	0.15	0.136	O				0.97
21.417	0.00	0.15	0.135	O				0.96
21.500	0.00	0.15	0.134	O				0.96
21.583	0.00	0.15	0.133	O				0.95
21.667	0.00	0.14	0.132	O				0.95
21.750	0.00	0.14	0.131	O				0.94
21.833	0.00	0.14	0.130	O				0.94
21.917	0.00	0.14	0.129	O				0.93
22.000	0.00	0.14	0.128	O				0.93
22.083	0.00	0.14	0.127	O				0.92
22.167	0.00	0.14	0.126	O				0.91
22.250	0.00	0.14	0.125	O				0.91
22.333	0.00	0.14	0.124	O				0.90
22.417	0.00	0.14	0.123	O				0.90
22.500	0.00	0.14	0.122	O				0.89
22.583	0.00	0.14	0.121	O				0.89
22.667	0.00	0.14	0.120	O				0.88
22.750	0.00	0.14	0.119	O				0.88
22.833	0.00	0.14	0.118	O				0.87
22.917	0.00	0.14	0.117	O				0.87
23.000	0.00	0.14	0.116	O				0.86
23.083	0.00	0.14	0.115	O				0.86
23.167	0.00	0.14	0.114	O				0.85
23.250	0.00	0.13	0.113	O				0.85
23.333	0.00	0.13	0.113	O				0.84
23.417	0.00	0.13	0.112	O				0.84
23.500	0.00	0.13	0.111	O				0.84
23.583	0.00	0.13	0.110	O				0.83
23.667	0.00	0.13	0.109	O				0.83
23.750	0.00	0.13	0.108	O				0.82
23.833	0.00	0.13	0.107	O				0.82
23.917	0.00	0.13	0.106	O				0.81
24.000	0.00	0.13	0.105	O				0.81
24.083	0.00	0.13	0.104	O				0.80
24.167	0.00	0.13	0.103	O				0.80
24.250	0.00	0.13	0.103	O				0.79
24.333	0.00	0.13	0.102	O				0.79
24.417	0.00	0.13	0.101	O				0.78
24.500	0.00	0.13	0.100	O				0.78

24.583	0.00	0.13	0.099	O				0.77
24.667	0.00	0.13	0.098	O				0.77
24.750	0.00	0.13	0.097	O				0.76
24.833	0.00	0.13	0.096	O				0.76
24.917	0.00	0.13	0.096	O				0.76
25.000	0.00	0.13	0.095	O				0.75
25.083	0.00	0.12	0.094	O				0.75
25.167	0.00	0.12	0.093	O				0.74
25.250	0.00	0.12	0.092	O				0.74
25.333	0.00	0.12	0.091	O				0.73
25.417	0.00	0.12	0.090	O				0.73
25.500	0.00	0.12	0.090	O				0.72
25.583	0.00	0.12	0.089	O				0.72
25.667	0.00	0.12	0.088	O				0.72
25.750	0.00	0.12	0.087	O				0.71
25.833	0.00	0.12	0.086	O				0.71
25.917	0.00	0.12	0.085	O				0.70
26.000	0.00	0.12	0.085	O				0.70
26.083	0.00	0.12	0.084	O				0.69
26.167	0.00	0.12	0.083	O				0.69
26.250	0.00	0.12	0.082	O				0.68
26.333	0.00	0.12	0.081	O				0.68
26.417	0.00	0.12	0.080	O				0.68
26.500	0.00	0.12	0.080	O				0.67
26.583	0.00	0.12	0.079	O				0.67
26.667	0.00	0.12	0.078	O				0.66
26.750	0.00	0.12	0.077	O				0.66
26.833	0.00	0.12	0.076	O				0.65
26.917	0.00	0.12	0.076	O				0.65
27.000	0.00	0.11	0.075	O				0.65
27.083	0.00	0.11	0.074	O				0.64
27.167	0.00	0.11	0.073	O				0.64
27.250	0.00	0.11	0.072	O				0.63
27.333	0.00	0.11	0.072	O				0.63
27.417	0.00	0.11	0.071	O				0.63
27.500	0.00	0.11	0.070	O				0.62
27.583	0.00	0.11	0.069	O				0.62
27.667	0.00	0.11	0.069	O				0.61
27.750	0.00	0.11	0.068	O				0.61
27.833	0.00	0.11	0.067	O				0.61
27.917	0.00	0.11	0.066	O				0.60
28.000	0.00	0.11	0.066	O				0.60
28.083	0.00	0.11	0.065	O				0.59
28.167	0.00	0.11	0.064	O				0.59
28.250	0.00	0.11	0.063	O				0.59
28.333	0.00	0.11	0.063	O				0.58
28.417	0.00	0.11	0.062	O				0.58
28.500	0.00	0.11	0.061	O				0.57
28.583	0.00	0.11	0.060	O				0.57
28.667	0.00	0.11	0.060	O				0.57
28.750	0.00	0.11	0.059	O				0.56
28.833	0.00	0.11	0.058	O				0.56
28.917	0.00	0.11	0.057	O				0.55

29.000	0.00	0.11	0.057	O				0.55
29.083	0.00	0.10	0.056	O				0.55
29.167	0.00	0.10	0.055	O				0.54
29.250	0.00	0.10	0.055	O				0.54
29.333	0.00	0.10	0.054	O				0.54
29.417	0.00	0.10	0.053	O				0.53
29.500	0.00	0.10	0.052	O				0.53
29.583	0.00	0.10	0.052	O				0.52
29.667	0.00	0.10	0.051	O				0.52
29.750	0.00	0.10	0.050	O				0.52
29.833	0.00	0.10	0.050	O				0.51
29.917	0.00	0.10	0.049	O				0.51
30.000	0.00	0.10	0.048	O				0.51
30.083	0.00	0.10	0.048	O				0.50
30.167	0.00	0.10	0.047	O				0.50
30.250	0.00	0.10	0.046	O				0.49
30.333	0.00	0.10	0.045	O				0.48
30.417	0.00	0.10	0.045	O				0.48
30.500	0.00	0.09	0.044	O				0.47
30.583	0.00	0.09	0.044	O				0.46
30.667	0.00	0.09	0.043	O				0.46
30.750	0.00	0.09	0.042	O				0.45
30.833	0.00	0.09	0.042	O				0.44
30.917	0.00	0.09	0.041	O				0.44
31.000	0.00	0.09	0.040	O				0.43
31.083	0.00	0.08	0.040	O				0.42
31.167	0.00	0.08	0.039	O				0.42
31.250	0.00	0.08	0.039	O				0.41
31.333	0.00	0.08	0.038	O				0.41
31.417	0.00	0.08	0.038	O				0.40
31.500	0.00	0.08	0.037	O				0.39
31.583	0.00	0.08	0.036	O				0.39
31.667	0.00	0.08	0.036	O				0.38
31.750	0.00	0.08	0.035	O				0.38
31.833	0.00	0.07	0.035	O				0.37
31.917	0.00	0.07	0.034	O				0.37
32.000	0.00	0.07	0.034	O				0.36
32.083	0.00	0.07	0.033	O				0.36
32.167	0.00	0.07	0.033	O				0.35
32.250	0.00	0.07	0.032	O				0.35
32.333	0.00	0.07	0.032	O				0.34
32.417	0.00	0.07	0.032	O				0.34
32.500	0.00	0.07	0.031	O				0.33
32.583	0.00	0.07	0.031	O				0.33
32.667	0.00	0.06	0.030	O				0.32
32.750	0.00	0.06	0.030	O				0.32
32.833	0.00	0.06	0.029	O				0.31
32.917	0.00	0.06	0.029	O				0.31
33.000	0.00	0.06	0.028	O				0.30
33.083	0.00	0.06	0.028	O				0.30
33.167	0.00	0.06	0.028	O				0.29
33.250	0.00	0.06	0.027	O				0.29
33.333	0.00	0.06	0.027	O				0.29

33.417	0.00	0.06	0.026	O				0.28
33.500	0.00	0.06	0.026	O				0.28
33.583	0.00	0.05	0.026	O				0.27
33.667	0.00	0.05	0.025	O				0.27
33.750	0.00	0.05	0.025	O				0.27
33.833	0.00	0.05	0.025	O				0.26
33.917	0.00	0.05	0.024	O				0.26
34.000	0.00	0.05	0.024	O				0.25
34.083	0.00	0.05	0.024	O				0.25
34.167	0.00	0.05	0.023	O				0.25
34.250	0.00	0.05	0.023	O				0.24
34.333	0.00	0.05	0.023	O				0.24
34.417	0.00	0.05	0.022	O				0.24
34.500	0.00	0.05	0.022	O				0.23
34.583	0.00	0.05	0.022	O				0.23
34.667	0.00	0.05	0.021	O				0.23
34.750	0.00	0.04	0.021	O				0.22
34.833	0.00	0.04	0.021	O				0.22
34.917	0.00	0.04	0.020	O				0.22
35.000	0.00	0.04	0.020	O				0.21
35.083	0.00	0.04	0.020	O				0.21
35.167	0.00	0.04	0.019	O				0.21
35.250	0.00	0.04	0.019	O				0.20
35.333	0.00	0.04	0.019	O				0.20
35.417	0.00	0.04	0.019	O				0.20
35.500	0.00	0.04	0.018	O				0.19
35.583	0.00	0.04	0.018	O				0.19
35.667	0.00	0.04	0.018	O				0.19
35.750	0.00	0.04	0.018	O				0.19
35.833	0.00	0.04	0.017	O				0.18
35.917	0.00	0.04	0.017	O				0.18
36.000	0.00	0.04	0.017	O				0.18
36.083	0.00	0.04	0.017	O				0.18
36.167	0.00	0.03	0.016	O				0.17
36.250	0.00	0.03	0.016	O				0.17
36.333	0.00	0.03	0.016	O				0.17
36.417	0.00	0.03	0.016	O				0.17
36.500	0.00	0.03	0.015	O				0.16
36.583	0.00	0.03	0.015	O				0.16
36.667	0.00	0.03	0.015	O				0.16
36.750	0.00	0.03	0.015	O				0.16
36.833	0.00	0.03	0.014	O				0.15
36.917	0.00	0.03	0.014	O				0.15
37.000	0.00	0.03	0.014	O				0.15
37.083	0.00	0.03	0.014	O				0.15
37.167	0.00	0.03	0.014	O				0.15
37.250	0.00	0.03	0.013	O				0.14
37.333	0.00	0.03	0.013	O				0.14
37.417	0.00	0.03	0.013	O				0.14
37.500	0.00	0.03	0.013	O				0.14
37.583	0.00	0.03	0.013	O				0.14
37.667	0.00	0.03	0.013	O				0.13
37.750	0.00	0.03	0.012	O				0.13

37.833	0.00	0.03	0.012	O				0.13
37.917	0.00	0.03	0.012	O				0.13
38.000	0.00	0.03	0.012	O				0.13
38.083	0.00	0.02	0.012	O				0.12
38.167	0.00	0.02	0.011	O				0.12
38.250	0.00	0.02	0.011	O				0.12
38.333	0.00	0.02	0.011	O				0.12
38.417	0.00	0.02	0.011	O				0.12
38.500	0.00	0.02	0.011	O				0.12
38.583	0.00	0.02	0.011	O				0.11
38.667	0.00	0.02	0.011	O				0.11
38.750	0.00	0.02	0.010	O				0.11
38.833	0.00	0.02	0.010	O				0.11
38.917	0.00	0.02	0.010	O				0.11
39.000	0.00	0.02	0.010	O				0.11
39.083	0.00	0.02	0.010	O				0.10
39.167	0.00	0.02	0.010	O				0.10
39.250	0.00	0.02	0.009	O				0.10
39.333	0.00	0.02	0.009	O				0.10
39.417	0.00	0.02	0.009	O				0.10
39.500	0.00	0.02	0.009	O				0.10
39.583	0.00	0.02	0.009	O				0.10
39.667	0.00	0.02	0.009	O				0.09
39.750	0.00	0.02	0.009	O				0.09
39.833	0.00	0.02	0.009	O				0.09
39.917	0.00	0.02	0.008	O				0.09
40.000	0.00	0.02	0.008	O				0.09
40.083	0.00	0.02	0.008	O				0.09
40.167	0.00	0.02	0.008	O				0.09
40.250	0.00	0.02	0.008	O				0.08
40.333	0.00	0.02	0.008	O				0.08
40.417	0.00	0.02	0.008	O				0.08
40.500	0.00	0.02	0.008	O				0.08
40.583	0.00	0.02	0.007	O				0.08
40.667	0.00	0.02	0.007	O				0.08
40.750	0.00	0.02	0.007	O				0.08
40.833	0.00	0.02	0.007	O				0.08
40.917	0.00	0.02	0.007	O				0.08
41.000	0.00	0.01	0.007	O				0.07
41.083	0.00	0.01	0.007	O				0.07
41.167	0.00	0.01	0.007	O				0.07
41.250	0.00	0.01	0.007	O				0.07
41.333	0.00	0.01	0.007	O				0.07
41.417	0.00	0.01	0.006	O				0.07
41.500	0.00	0.01	0.006	O				0.07
41.583	0.00	0.01	0.006	O				0.07
41.667	0.00	0.01	0.006	O				0.07
41.750	0.00	0.01	0.006	O				0.06
41.833	0.00	0.01	0.006	O				0.06
41.917	0.00	0.01	0.006	O				0.06
42.000	0.00	0.01	0.006	O				0.06
42.083	0.00	0.01	0.006	O				0.06
42.167	0.00	0.01	0.006	O				0.06

42.250	0.00	0.01	0.006	O				0.06
42.333	0.00	0.01	0.006	O				0.06
42.417	0.00	0.01	0.005	O				0.06
42.500	0.00	0.01	0.005	O				0.06
42.583	0.00	0.01	0.005	O				0.06
42.667	0.00	0.01	0.005	O				0.06
42.750	0.00	0.01	0.005	O				0.05
42.833	0.00	0.01	0.005	O				0.05
42.917	0.00	0.01	0.005	O				0.05
43.000	0.00	0.01	0.005	O				0.05
43.083	0.00	0.01	0.005	O				0.05
43.167	0.00	0.01	0.005	O				0.05
43.250	0.00	0.01	0.005	O				0.05
43.333	0.00	0.01	0.005	O				0.05
43.417	0.00	0.01	0.005	O				0.05
43.500	0.00	0.01	0.004	O				0.05
43.583	0.00	0.01	0.004	O				0.05
43.667	0.00	0.01	0.004	O				0.05
43.750	0.00	0.01	0.004	O				0.05
43.833	0.00	0.01	0.004	O				0.05
43.917	0.00	0.01	0.004	O				0.04
44.000	0.00	0.01	0.004	O				0.04
44.083	0.00	0.01	0.004	O				0.04
44.167	0.00	0.01	0.004	O				0.04
44.250	0.00	0.01	0.004	O				0.04
44.333	0.00	0.01	0.004	O				0.04
44.417	0.00	0.01	0.004	O				0.04
44.500	0.00	0.01	0.004	O				0.04
44.583	0.00	0.01	0.004	O				0.04
44.667	0.00	0.01	0.004	O				0.04
44.750	0.00	0.01	0.004	O				0.04
44.833	0.00	0.01	0.004	O				0.04
44.917	0.00	0.01	0.003	O				0.04
45.000	0.00	0.01	0.003	O				0.04
45.083	0.00	0.01	0.003	O				0.04
45.167	0.00	0.01	0.003	O				0.04
45.250	0.00	0.01	0.003	O				0.04
45.333	0.00	0.01	0.003	O				0.03
45.417	0.00	0.01	0.003	O				0.03
45.500	0.00	0.01	0.003	O				0.03
45.583	0.00	0.01	0.003	O				0.03
45.667	0.00	0.01	0.003	O				0.03
45.750	0.00	0.01	0.003	O				0.03
45.833	0.00	0.01	0.003	O				0.03
45.917	0.00	0.01	0.003	O				0.03
46.000	0.00	0.01	0.003	O				0.03
46.083	0.00	0.01	0.003	O				0.03
46.167	0.00	0.01	0.003	O				0.03
46.250	0.00	0.01	0.003	O				0.03
46.333	0.00	0.01	0.003	O				0.03
46.417	0.00	0.01	0.003	O				0.03
46.500	0.00	0.01	0.003	O				0.03
46.583	0.00	0.01	0.003	O				0.03

46.667	0.00	0.01	0.003	O				0.03
46.750	0.00	0.01	0.003	O				0.03
46.833	0.00	0.01	0.002	O				0.03
46.917	0.00	0.01	0.002	O				0.03
47.000	0.00	0.01	0.002	O				0.03
47.083	0.00	0.01	0.002	O				0.03
47.167	0.00	0.01	0.002	O				0.03
47.250	0.00	0.00	0.002	O				0.02
47.333	0.00	0.00	0.002	O				0.02
47.417	0.00	0.00	0.002	O				0.02
47.500	0.00	0.00	0.002	O				0.02
47.583	0.00	0.00	0.002	O				0.02
47.667	0.00	0.00	0.002	O				0.02
47.750	0.00	0.00	0.002	O				0.02
47.833	0.00	0.00	0.002	O				0.02
47.917	0.00	0.00	0.002	O				0.02
48.000	0.00	0.00	0.002	O				0.02
48.083	0.00	0.00	0.002	O				0.02
48.167	0.00	0.00	0.002	O				0.02
48.250	0.00	0.00	0.002	O				0.02
48.333	0.00	0.00	0.002	O				0.02
48.417	0.00	0.00	0.002	O				0.02
48.500	0.00	0.00	0.002	O				0.02
48.583	0.00	0.00	0.002	O				0.02
48.667	0.00	0.00	0.002	O				0.02
48.750	0.00	0.00	0.002	O				0.02
48.833	0.00	0.00	0.002	O				0.02
48.917	0.00	0.00	0.002	O				0.02
49.000	0.00	0.00	0.002	O				0.02
49.083	0.00	0.00	0.002	O				0.02
49.167	0.00	0.00	0.002	O				0.02
49.250	0.00	0.00	0.002	O				0.02
49.333	0.00	0.00	0.002	O				0.02
49.417	0.00	0.00	0.002	O				0.02
49.500	0.00	0.00	0.002	O				0.02
49.583	0.00	0.00	0.002	O				0.02
49.667	0.00	0.00	0.002	O				0.02
49.750	0.00	0.00	0.001	O				0.02
49.833	0.00	0.00	0.001	O				0.02
49.917	0.00	0.00	0.001	O				0.02
50.000	0.00	0.00	0.001	O				0.02
50.083	0.00	0.00	0.001	O				0.02
50.167	0.00	0.00	0.001	O				0.01
50.250	0.00	0.00	0.001	O				0.01
50.333	0.00	0.00	0.001	O				0.01
50.417	0.00	0.00	0.001	O				0.01
50.500	0.00	0.00	0.001	O				0.01
50.583	0.00	0.00	0.001	O				0.01
50.667	0.00	0.00	0.001	O				0.01
50.750	0.00	0.00	0.001	O				0.01
50.833	0.00	0.00	0.001	O				0.01
50.917	0.00	0.00	0.001	O				0.01
51.000	0.00	0.00	0.001	O				0.01

51.083	0.00	0.00	0.001	O	|	|	|	0.01
51.167	0.00	0.00	0.001	O	|	|	|	0.01
51.250	0.00	0.00	0.001	O	|	|	|	0.01
51.333	0.00	0.00	0.001	O	|	|	|	0.01
51.417	0.00	0.00	0.001	O	|	|	|	0.01
51.500	0.00	0.00	0.001	O	|	|	|	0.01
51.583	0.00	0.00	0.001	O	|	|	|	0.01
51.667	0.00	0.00	0.001	O	|	|	|	0.01
51.750	0.00	0.00	0.001	O	|	|	|	0.01
51.833	0.00	0.00	0.001	O	|	|	|	0.01
51.917	0.00	0.00	0.001	O	|	|	|	0.01
52.000	0.00	0.00	0.001	O	|	|	|	0.01
52.083	0.00	0.00	0.001	O	|	|	|	0.01
52.167	0.00	0.00	0.001	O	|	|	|	0.01
52.250	0.00	0.00	0.001	O	|	|	|	0.01
52.333	0.00	0.00	0.001	O	|	|	|	0.01
52.417	0.00	0.00	0.001	O	|	|	|	0.01
52.500	0.00	0.00	0.001	O	|	|	|	0.01
52.583	0.00	0.00	0.001	O	|	|	|	0.01
52.667	0.00	0.00	0.001	O	|	|	|	0.01
52.750	0.00	0.00	0.001	O	|	|	|	0.01
52.833	0.00	0.00	0.001	O	|	|	|	0.01
52.917	0.00	0.00	0.001	O	|	|	|	0.01
53.000	0.00	0.00	0.001	O	|	|	|	0.01
53.083	0.00	0.00	0.001	O	|	|	|	0.01
53.167	0.00	0.00	0.001	O	|	|	|	0.01
53.250	0.00	0.00	0.001	O	|	|	|	0.01
53.333	0.00	0.00	0.001	O	|	|	|	0.01
53.417	0.00	0.00	0.001	O	|	|	|	0.01
53.500	0.00	0.00	0.001	O	|	|	|	0.01
53.583	0.00	0.00	0.001	O	|	|	|	0.01
53.667	0.00	0.00	0.001	O	|	|	|	0.01
53.750	0.00	0.00	0.001	O	|	|	|	0.01
53.833	0.00	0.00	0.001	O	|	|	|	0.01
53.917	0.00	0.00	0.001	O	|	|	|	0.01
54.000	0.00	0.00	0.001	O	|	|	|	0.01
54.083	0.00	0.00	0.001	O	|	|	|	0.01
54.167	0.00	0.00	0.001	O	|	|	|	0.01
54.250	0.00	0.00	0.001	O	|	|	|	0.01
54.333	0.00	0.00	0.001	O	|	|	|	0.01
54.417	0.00	0.00	0.001	O	|	|	|	0.01
54.500	0.00	0.00	0.001	O	|	|	|	0.01
54.583	0.00	0.00	0.001	O	|	|	|	0.01
54.667	0.00	0.00	0.001	O	|	|	|	0.01
54.750	0.00	0.00	0.001	O	|	|	|	0.01
54.833	0.00	0.00	0.001	O	|	|	|	0.01
54.917	0.00	0.00	0.001	O	|	|	|	0.01
55.000	0.00	0.00	0.001	O	|	|	|	0.01
55.083	0.00	0.00	0.001	O	|	|	|	0.01
55.167	0.00	0.00	0.001	O	|	|	|	0.01
55.250	0.00	0.00	0.001	O	|	|	|	0.01
55.333	0.00	0.00	0.001	O	|	|	|	0.01
55.417	0.00	0.00	0.001	O	|	|	|	0.01

55.500	0.00	0.00	0.001	O	|	|	|	|	0.01
55.583	0.00	0.00	0.001	O	|	|	|	|	0.01
55.667	0.00	0.00	0.001	O	|	|	|	|	0.01
55.750	0.00	0.00	0.001	O	|	|	|	|	0.01
55.833	0.00	0.00	0.001	O	|	|	|	|	0.01
55.917	0.00	0.00	0.001	O	|	|	|	|	0.01
56.000	0.00	0.00	0.000	O	|	|	|	|	0.01
56.083	0.00	0.00	0.000	O	|	|	|	|	0.01
56.167	0.00	0.00	0.000	O	|	|	|	|	0.01
56.250	0.00	0.00	0.000	O	|	|	|	|	0.01
56.333	0.00	0.00	0.000	O	|	|	|	|	0.01
56.417	0.00	0.00	0.000	O	|	|	|	|	0.00

**********HYDROGRAPH DATA**********

Number of intervals = 677
Time interval = 5.0 (Min.)
Maximum/Peak flow rate = 0.268 (CFS)
Total volume = 0.496 (Ac.Ft)

Status of hydrographs being held in storage

	Stream 1	Stream 2	Stream 3	Stream 4	Stream 5
Peak (CFS)	0.000	0.000	0.000	0.000	0.000
Vol (Ac.Ft)	0.000	0.000	0.000	0.000	0.000

****

FLOOD HYDROGRAPH ROUTING PROGRAM
Copyright (c) CIVILCADD/CIVILDESIGN, 1989 - 2022
Study date: 01/05/26

INDEPENDENCE AT CANYON SPRINGS
ROUTING BASIN
POST-DEVELOPMENT CONDITION
10-YR, 24-HR STORM

Program License Serial Number 6619

********** HYDROGRAPH INFORMATION **********

From study/file name: lmcrp2410.rte
**********HYDROGRAPH DATA**********
Number of intervals = 96
Time interval = 15.0 (Min.)
Maximum/Peak flow rate = 2.894 (CFS)
Total volume = 1.679 (Ac.Ft)

Status of hydrographs being held in storage

	Stream 1	Stream 2	Stream 3	Stream 4	Stream 5
Peak (CFS)	0.000	0.000	0.000	0.000	0.000
Vol (Ac.Ft)	0.000	0.000	0.000	0.000	0.000

****

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Process from Point/Station 1.000 to Point/Station 2.000
**** RETARDING BASIN ROUTING ****

User entry of depth-outflow-storage data

Total number of inflow hydrograph intervals = 96
Hydrograph time unit = 15.000 (Min.)
Initial depth in storage basin = 0.00(Ft.)

Initial basin depth = 0.00 (Ft.)
Initial basin storage = 0.00 (Ac.Ft)
Initial basin outflow = 0.00 (CFS)

Depth vs. Storage and Depth vs. Discharge data:

Basin Depth (Ft.)	Storage (Ac.Ft)	Outflow (CFS)	(S-O*dt/2) (Ac.Ft)	(S+O*dt/2) (Ac.Ft)
0.000	0.000	0.000	0.000	0.000
0.500	0.047	0.100	0.046	0.048
1.000	0.142	0.150	0.140	0.144
1.500	0.237	0.190	0.235	0.239
2.000	0.332	0.230	0.330	0.334
2.500	0.426	0.250	0.423	0.429
3.000	0.521	0.280	0.518	0.524
3.500	0.616	0.300	0.613	0.619
4.000	0.711	0.320	0.708	0.714
4.500	0.806	0.340	0.802	0.810
5.000	0.900	3.040	0.869	0.931
5.500	0.995	4.160	0.952	1.038
6.000	1.090	5.030	1.038	1.142

Hydrograph Detention Basin Routing

Graph values: 'I'= unit inflow; 'O'=outflow at time shown

Time (Hours)	Inflow (CFS)	Outflow (CFS)	Storage (Ac.Ft)	.0	0.7	1.45	2.17	2.89	Depth (Ft.)
0.250	0.16	0.00	0.002	OI	|	|	|	|	0.02
0.500	0.24	0.01	0.006	O I	|	|	|	|	0.06
0.750	0.24	0.02	0.010	O I	|	|	|	|	0.11
1.000	0.32	0.03	0.016	O I	|	|	|	|	0.17
1.250	0.24	0.04	0.021	O I	|	|	|	|	0.22
1.500	0.24	0.05	0.025	O I	|	|	|	|	0.26
1.750	0.24	0.06	0.029	O I	|	|	|	|	0.30
2.000	0.32	0.07	0.033	O I	|	|	|	|	0.35
2.250	0.32	0.08	0.038	O I	|	|	|	|	0.41
2.500	0.32	0.09	0.043	|O I	|	|	|	|	0.46
2.750	0.40	0.10	0.049	|O I	|	|	|	|	0.51
3.000	0.40	0.10	0.055	|O I	|	|	|	|	0.54
3.250	0.40	0.11	0.061	|O I	|	|	|	|	0.57
3.500	0.40	0.11	0.067	|O I	|	|	|	|	0.61
3.750	0.40	0.11	0.073	|O I	|	|	|	|	0.64
4.000	0.49	0.12	0.080	|O I	|	|	|	|	0.67
4.250	0.49	0.12	0.088	|O I	|	|	|	|	0.71
4.500	0.57	0.13	0.096	|O I	|	|	|	|	0.76
4.750	0.57	0.13	0.105	|O I	|	|	|	|	0.81
5.000	0.65	0.14	0.115	|O I	|	|	|	|	0.86
5.250	0.49	0.14	0.124	|O I	|	|	|	|	0.90
5.500	0.57	0.14	0.132	|O I	|	|	|	|	0.95
5.750	0.65	0.15	0.141	|O I	|	|	|	|	1.00
6.000	0.65	0.15	0.151	|O I	|	|	|	|	1.05
6.250	0.73	0.16	0.162	|O I	|	|	|	|	1.11
6.500	0.73	0.16	0.174	|O I	|	|	|	|	1.17
6.750	0.81	0.17	0.187	|O I	|	|	|	|	1.23
7.000	0.81	0.17	0.200	|O I	|	|	|	|	1.30
7.250	0.81	0.18	0.213	|O I	|	|	|	|	1.37

7.500	0.89	0.19	0.227	O	I			1.45
7.750	0.97	0.19	0.242	O	I			1.53
8.000	1.05	0.20	0.259	O	I			1.61
8.250	1.21	0.21	0.278	O	I			1.72
8.500	1.21	0.22	0.299	O	I			1.83
8.750	1.30	0.23	0.320	O	I			1.94
9.000	1.38	0.23	0.343	O	I			2.06
9.250	1.54	0.24	0.368	O	I			2.19
9.500	1.62	0.24	0.396	O	I			2.34
9.750	1.70	0.25	0.425	O	I			2.50
10.000	1.78	0.26	0.456	O	I			2.66
10.250	1.21	0.27	0.481	O	I			2.79
10.500	1.21	0.27	0.501	O	I			2.89
10.750	1.62	0.28	0.524	O	I			3.02
11.000	1.62	0.29	0.552	O	I			3.16
11.250	1.54	0.29	0.579	O	I			3.30
11.500	1.54	0.30	0.604	O	I			3.44
11.750	1.38	0.30	0.628	O	I			3.56
12.000	1.46	0.31	0.651	O	I			3.69
12.250	2.02	0.31	0.681	O	I			3.84
12.500	2.11	0.32	0.717	O	I			4.03
12.750	2.27	0.33	0.755	O	I			4.23
13.000	2.35	0.34	0.796	O	I			4.45
13.250	2.88	1.16	0.835		O		I	4.65
13.500	2.89	1.95	0.862		O		I	4.80
13.750	1.86	2.15	0.869		I	O		4.83
14.000	1.86	2.02	0.864		I	O		4.81
14.250	2.19	2.02	0.865		O	I		4.81
14.500	2.11	2.08	0.867		O	I		4.82
14.750	2.11	2.09	0.867		O			4.82
15.000	2.02	2.08	0.867		O			4.82
15.250	1.94	2.04	0.865		IO			4.81
15.500	1.86	1.97	0.863		IO			4.80
15.750	1.54	1.85	0.859	I	O			4.78
16.000	1.54	1.71	0.854	IO				4.75
16.250	0.32	1.35	0.841	I	O			4.69
16.500	0.32	0.88	0.825	I	O			4.60
16.750	0.24	0.61	0.815	I	O			4.55
17.000	0.24	0.44	0.810	I O				4.52
17.250	0.40	0.39	0.808	O				4.51
17.500	0.40	0.40	0.808	O				4.51
17.750	0.40	0.40	0.808	O				4.51
18.000	0.32	0.38	0.808	IO				4.51
18.250	0.32	0.36	0.807	O				4.50
18.500	0.32	0.34	0.806	O				4.50
18.750	0.24	0.34	0.805	IO				4.49
19.000	0.16	0.34	0.802	I O				4.48
19.250	0.24	0.34	0.799	IO				4.46
19.500	0.32	0.34	0.798	O				4.46
19.750	0.24	0.34	0.797	IO				4.45
20.000	0.16	0.34	0.794	I O				4.44
20.250	0.24	0.34	0.791	IO				4.42
20.500	0.24	0.34	0.789	IO				4.41

20.750	0.24	0.34	0.788	| IO	|	|	|	4.40
21.000	0.16	0.34	0.785	|I O	|	|	|	4.39
21.250	0.24	0.33	0.782	| IO	|	|	|	4.37
21.500	0.16	0.33	0.779	|I O	|	|	|	4.36
21.750	0.24	0.33	0.777	| IO	|	|	|	4.35
22.000	0.16	0.33	0.774	|I O	|	|	|	4.33
22.250	0.24	0.33	0.771	| IO	|	|	|	4.32
22.500	0.16	0.33	0.768	|I O	|	|	|	4.30
22.750	0.16	0.33	0.765	|I O	|	|	|	4.28
23.000	0.16	0.33	0.761	|I O	|	|	|	4.27
23.250	0.16	0.33	0.758	|I O	|	|	|	4.25
23.500	0.16	0.33	0.755	|I O	|	|	|	4.23
23.750	0.16	0.33	0.751	|I O	|	|	|	4.21
24.000	0.16	0.33	0.748	|I O	|	|	|	4.19
24.250	0.00	0.33	0.743	I O	|	|	|	4.17
24.500	0.00	0.33	0.736	I O	|	|	|	4.13
24.750	0.00	0.32	0.729	I O	|	|	|	4.10
25.000	0.00	0.32	0.722	I O	|	|	|	4.06
25.250	0.00	0.32	0.716	I O	|	|	|	4.03
25.500	0.00	0.32	0.709	I O	|	|	|	3.99
25.750	0.00	0.32	0.703	I O	|	|	|	3.96
26.000	0.00	0.32	0.696	I O	|	|	|	3.92
26.250	0.00	0.32	0.690	I O	|	|	|	3.89
26.500	0.00	0.31	0.683	I O	|	|	|	3.85
26.750	0.00	0.31	0.677	I O	|	|	|	3.82
27.000	0.00	0.31	0.670	I O	|	|	|	3.78
27.250	0.00	0.31	0.664	I O	|	|	|	3.75
27.500	0.00	0.31	0.657	I O	|	|	|	3.72
27.750	0.00	0.31	0.651	I O	|	|	|	3.68
28.000	0.00	0.31	0.645	I O	|	|	|	3.65
28.250	0.00	0.30	0.638	I O	|	|	|	3.62
28.500	0.00	0.30	0.632	I O	|	|	|	3.58
28.750	0.00	0.30	0.626	I O	|	|	|	3.55
29.000	0.00	0.30	0.619	I O	|	|	|	3.52
29.250	0.00	0.30	0.613	I O	|	|	|	3.49
29.500	0.00	0.30	0.607	I O	|	|	|	3.45
29.750	0.00	0.30	0.601	I O	|	|	|	3.42
30.000	0.00	0.30	0.595	I O	|	|	|	3.39
30.250	0.00	0.29	0.589	I O	|	|	|	3.36
30.500	0.00	0.29	0.583	I O	|	|	|	3.32
30.750	0.00	0.29	0.577	I O	|	|	|	3.29
31.000	0.00	0.29	0.571	I O	|	|	|	3.26
31.250	0.00	0.29	0.565	I O	|	|	|	3.23
31.500	0.00	0.29	0.559	I O	|	|	|	3.20
31.750	0.00	0.29	0.553	I O	|	|	|	3.17
32.000	0.00	0.29	0.547	I O	|	|	|	3.14
32.250	0.00	0.28	0.541	I O	|	|	|	3.11
32.500	0.00	0.28	0.535	I O	|	|	|	3.07
32.750	0.00	0.28	0.529	I O	|	|	|	3.04
33.000	0.00	0.28	0.523	I O	|	|	|	3.01
33.250	0.00	0.28	0.518	I O	|	|	|	2.98
33.500	0.00	0.28	0.512	I O	|	|	|	2.95
33.750	0.00	0.28	0.506	I O	|	|	|	2.92

34.000	0.00	0.27	0.501	I O				2.89
34.250	0.00	0.27	0.495	I O				2.86
34.500	0.00	0.27	0.489	I O				2.83
34.750	0.00	0.27	0.484	I O				2.80
35.000	0.00	0.27	0.478	I O				2.77
35.250	0.00	0.26	0.473	I O				2.75
35.500	0.00	0.26	0.467	I O				2.72
35.750	0.00	0.26	0.462	I O				2.69
36.000	0.00	0.26	0.456	I O				2.66
36.250	0.00	0.26	0.451	I O				2.63
36.500	0.00	0.26	0.446	I O				2.60
36.750	0.00	0.25	0.441	I O				2.58
37.000	0.00	0.25	0.435	I O				2.55
37.250	0.00	0.25	0.430	I O				2.52
37.500	0.00	0.25	0.425	I O				2.49
37.750	0.00	0.25	0.420	I O				2.47
38.000	0.00	0.25	0.415	I O				2.44
38.250	0.00	0.25	0.410	I O				2.41
38.500	0.00	0.25	0.404	I O				2.39
38.750	0.00	0.24	0.399	I O				2.36
39.000	0.00	0.24	0.394	I O				2.33
39.250	0.00	0.24	0.389	I O				2.31
39.500	0.00	0.24	0.384	I O				2.28
39.750	0.00	0.24	0.379	I O				2.25
40.000	0.00	0.24	0.374	I O				2.23
40.250	0.00	0.24	0.370	I O				2.20
40.500	0.00	0.24	0.365	I O				2.17
40.750	0.00	0.24	0.360	I O				2.15
41.000	0.00	0.23	0.355	I O				2.12
41.250	0.00	0.23	0.350	I O				2.10
41.500	0.00	0.23	0.345	I O				2.07
41.750	0.00	0.23	0.340	I O				2.04
42.000	0.00	0.23	0.336	I O				2.02
42.250	0.00	0.23	0.331	I O				1.99
42.500	0.00	0.23	0.326	I O				1.97
42.750	0.00	0.23	0.321	I O				1.94
43.000	0.00	0.22	0.317	I O				1.92
43.250	0.00	0.22	0.312	I O				1.90
43.500	0.00	0.22	0.308	I O				1.87
43.750	0.00	0.22	0.303	I O				1.85
44.000	0.00	0.22	0.299	I O				1.82
44.250	0.00	0.21	0.294	I O				1.80
44.500	0.00	0.21	0.290	I O				1.78
44.750	0.00	0.21	0.285	I O				1.75
45.000	0.00	0.21	0.281	I O				1.73
45.250	0.00	0.21	0.277	I O				1.71
45.500	0.00	0.20	0.273	I O				1.69
45.750	0.00	0.20	0.268	I O				1.67
46.000	0.00	0.20	0.264	I O				1.64
46.250	0.00	0.20	0.260	I O				1.62
46.500	0.00	0.20	0.256	I O				1.60
46.750	0.00	0.20	0.252	I O				1.58
47.000	0.00	0.19	0.248	I O				1.56

47.250	0.00	0.19	0.244	I O				1.54
47.500	0.00	0.19	0.240	I O				1.51
47.750	0.00	0.19	0.236	I O				1.49
48.000	0.00	0.19	0.232	I O				1.47
48.250	0.00	0.19	0.228	I O				1.45
48.500	0.00	0.18	0.224	I O				1.43
48.750	0.00	0.18	0.221	I O				1.41
49.000	0.00	0.18	0.217	I O				1.39
49.250	0.00	0.18	0.213	IO				1.37
49.500	0.00	0.18	0.209	IO				1.35
49.750	0.00	0.18	0.206	IO				1.34
50.000	0.00	0.18	0.202	IO				1.32
50.250	0.00	0.17	0.198	IO				1.30
50.500	0.00	0.17	0.195	IO				1.28
50.750	0.00	0.17	0.191	IO				1.26
51.000	0.00	0.17	0.188	IO				1.24
51.250	0.00	0.17	0.184	IO				1.22
51.500	0.00	0.17	0.181	IO				1.20
51.750	0.00	0.16	0.177	IO				1.19
52.000	0.00	0.16	0.174	IO				1.17
52.250	0.00	0.16	0.171	IO				1.15
52.500	0.00	0.16	0.167	IO				1.13
52.750	0.00	0.16	0.164	IO				1.12
53.000	0.00	0.16	0.161	IO				1.10
53.250	0.00	0.16	0.158	IO				1.08
53.500	0.00	0.16	0.154	IO				1.06
53.750	0.00	0.15	0.151	IO				1.05
54.000	0.00	0.15	0.148	IO				1.03
54.250	0.00	0.15	0.145	IO				1.01
54.500	0.00	0.15	0.142	IO				1.00
54.750	0.00	0.15	0.139	IO				0.98
55.000	0.00	0.15	0.136	IO				0.97
55.250	0.00	0.15	0.133	IO				0.95
55.500	0.00	0.14	0.130	IO				0.93
55.750	0.00	0.14	0.127	IO				0.92
56.000	0.00	0.14	0.124	IO				0.90
56.250	0.00	0.14	0.121	IO				0.89
56.500	0.00	0.14	0.118	IO				0.87
56.750	0.00	0.14	0.115	IO				0.86
57.000	0.00	0.13	0.112	IO				0.84
57.250	0.00	0.13	0.110	IO				0.83
57.500	0.00	0.13	0.107	IO				0.82
57.750	0.00	0.13	0.104	IO				0.80
58.000	0.00	0.13	0.101	IO				0.79
58.250	0.00	0.13	0.099	IO				0.77
58.500	0.00	0.13	0.096	IO				0.76
58.750	0.00	0.12	0.094	IO				0.75
59.000	0.00	0.12	0.091	IO				0.73
59.250	0.00	0.12	0.089	IO				0.72
59.500	0.00	0.12	0.086	IO				0.71
59.750	0.00	0.12	0.084	IO				0.69
60.000	0.00	0.12	0.081	IO				0.68
60.250	0.00	0.12	0.079	IO				0.67

60.500	0.00	0.12	0.076	IO				0.65
60.750	0.00	0.11	0.074	IO				0.64
61.000	0.00	0.11	0.072	IO				0.63
61.250	0.00	0.11	0.069	IO				0.62
61.500	0.00	0.11	0.067	IO				0.61
61.750	0.00	0.11	0.065	IO				0.59
62.000	0.00	0.11	0.062	IO				0.58
62.250	0.00	0.11	0.060	IO				0.57
62.500	0.00	0.11	0.058	IO				0.56
62.750	0.00	0.10	0.056	IO				0.55
63.000	0.00	0.10	0.054	IO				0.54
63.250	0.00	0.10	0.052	IO				0.52
63.500	0.00	0.10	0.049	IO				0.51
63.750	0.00	0.10	0.047	IO				0.50
64.000	0.00	0.10	0.045	IO				0.48
64.250	0.00	0.09	0.043	IO				0.46
64.500	0.00	0.09	0.042	O				0.44
64.750	0.00	0.08	0.040	O				0.42
65.000	0.00	0.08	0.038	O				0.40
65.250	0.00	0.08	0.036	O				0.39
65.500	0.00	0.07	0.035	O				0.37
65.750	0.00	0.07	0.033	O				0.35
66.000	0.00	0.07	0.032	O				0.34
66.250	0.00	0.06	0.031	O				0.32
66.500	0.00	0.06	0.029	O				0.31
66.750	0.00	0.06	0.028	O				0.30
67.000	0.00	0.06	0.027	O				0.28
67.250	0.00	0.05	0.026	O				0.27
67.500	0.00	0.05	0.025	O				0.26
67.750	0.00	0.05	0.023	O				0.25
68.000	0.00	0.05	0.022	O				0.24
68.250	0.00	0.05	0.021	O				0.23
68.500	0.00	0.04	0.021	O				0.22
68.750	0.00	0.04	0.020	O				0.21
69.000	0.00	0.04	0.019	O				0.20
69.250	0.00	0.04	0.018	O				0.19
69.500	0.00	0.04	0.017	O				0.18
69.750	0.00	0.04	0.016	O				0.18
70.000	0.00	0.03	0.016	O				0.17
70.250	0.00	0.03	0.015	O				0.16
70.500	0.00	0.03	0.014	O				0.15
70.750	0.00	0.03	0.014	O				0.15
71.000	0.00	0.03	0.013	O				0.14
71.250	0.00	0.03	0.013	O				0.13
71.500	0.00	0.03	0.012	O				0.13
71.750	0.00	0.02	0.012	O				0.12
72.000	0.00	0.02	0.011	O				0.12
72.250	0.00	0.02	0.011	O				0.11
72.500	0.00	0.02	0.010	O				0.11
72.750	0.00	0.02	0.010	O				0.10
73.000	0.00	0.02	0.009	O				0.10
73.250	0.00	0.02	0.009	O				0.09
73.500	0.00	0.02	0.009	O				0.09

73.750	0.00	0.02	0.008	O				0.09
74.000	0.00	0.02	0.008	O				0.08
74.250	0.00	0.02	0.007	O				0.08
74.500	0.00	0.02	0.007	O				0.08
74.750	0.00	0.01	0.007	O				0.07
75.000	0.00	0.01	0.007	O				0.07
75.250	0.00	0.01	0.006	O				0.07
75.500	0.00	0.01	0.006	O				0.06
75.750	0.00	0.01	0.006	O				0.06
76.000	0.00	0.01	0.005	O				0.06
76.250	0.00	0.01	0.005	O				0.06
76.500	0.00	0.01	0.005	O				0.05
76.750	0.00	0.01	0.005	O				0.05
77.000	0.00	0.01	0.005	O				0.05
77.250	0.00	0.01	0.004	O				0.05
77.500	0.00	0.01	0.004	O				0.04
77.750	0.00	0.01	0.004	O				0.04
78.000	0.00	0.01	0.004	O				0.04
78.250	0.00	0.01	0.004	O				0.04
78.500	0.00	0.01	0.004	O				0.04
78.750	0.00	0.01	0.003	O				0.04
79.000	0.00	0.01	0.003	O				0.03
79.250	0.00	0.01	0.003	O				0.03
79.500	0.00	0.01	0.003	O				0.03
79.750	0.00	0.01	0.003	O				0.03
80.000	0.00	0.01	0.003	O				0.03
80.250	0.00	0.01	0.003	O				0.03
80.500	0.00	0.01	0.002	O				0.03
80.750	0.00	0.01	0.002	O				0.03
81.000	0.00	0.00	0.002	O				0.02
81.250	0.00	0.00	0.002	O				0.02
81.500	0.00	0.00	0.002	O				0.02
81.750	0.00	0.00	0.002	O				0.02
82.000	0.00	0.00	0.002	O				0.02
82.250	0.00	0.00	0.002	O				0.02
82.500	0.00	0.00	0.002	O				0.02
82.750	0.00	0.00	0.002	O				0.02
83.000	0.00	0.00	0.002	O				0.02
83.250	0.00	0.00	0.002	O				0.02
83.500	0.00	0.00	0.001	O				0.02
83.750	0.00	0.00	0.001	O				0.01
84.000	0.00	0.00	0.001	O				0.01
84.250	0.00	0.00	0.001	O				0.01
84.500	0.00	0.00	0.001	O				0.01
84.750	0.00	0.00	0.001	O				0.01
85.000	0.00	0.00	0.001	O				0.01
85.250	0.00	0.00	0.001	O				0.01
85.500	0.00	0.00	0.001	O				0.01
85.750	0.00	0.00	0.001	O				0.01
86.000	0.00	0.00	0.001	O				0.01
86.250	0.00	0.00	0.001	O				0.01
86.500	0.00	0.00	0.001	O				0.01
86.750	0.00	0.00	0.001	O				0.01

87.000	0.00	0.00	0.001	O	|	|	|	|	0.01
87.250	0.00	0.00	0.001	O	|	|	|	|	0.01
87.500	0.00	0.00	0.001	O	|	|	|	|	0.01
87.750	0.00	0.00	0.001	O	|	|	|	|	0.01
88.000	0.00	0.00	0.001	O	|	|	|	|	0.01
88.250	0.00	0.00	0.001	O	|	|	|	|	0.01
88.500	0.00	0.00	0.001	O	|	|	|	|	0.01
88.750	0.00	0.00	0.001	O	|	|	|	|	0.01
89.000	0.00	0.00	0.001	O	|	|	|	|	0.01
89.250	0.00	0.00	0.001	O	|	|	|	|	0.01
89.500	0.00	0.00	0.001	O	|	|	|	|	0.01
89.750	0.00	0.00	0.000	O	|	|	|	|	0.01
90.000	0.00	0.00	0.000	O	|	|	|	|	0.00

**********HYDROGRAPH DATA**********

Number of intervals = 360
Time interval = 15.0 (Min.)
Maximum/Peak flow rate = 2.147 (CFS)
Total volume = 1.678 (Ac.Ft)

Status of hydrographs being held in storage

	Stream 1	Stream 2	Stream 3	Stream 4	Stream 5
Peak (CFS)	0.000	0.000	0.000	0.000	0.000
Vol (Ac.Ft)	0.000	0.000	0.000	0.000	0.000

****

FLOOD HYDROGRAPH ROUTING PROGRAM
Copyright (c) CIVILCADD/CIVILDESIGN, 1989 - 2022
Study date: 01/05/26

INDEPENDENCE AT CANYON SPRINGS
ROUTING BASIN
POST-DEVELOPMENT CONDITION
100-YR, 1-HR STORM

Program License Serial Number 6619

********** HYDROGRAPH INFORMATION **********

From study/file name: lmcrp1100.rte
**********HYDROGRAPH DATA**********
Number of intervals = 14
Time interval = 5.0 (Min.)
Maximum/Peak flow rate = 28.709 (CFS)
Total volume = 0.856 (Ac.Ft)

Status of hydrographs being held in storage

	Stream 1	Stream 2	Stream 3	Stream 4	Stream 5
Peak (CFS)	0.000	0.000	0.000	0.000	0.000
Vol (Ac.Ft)	0.000	0.000	0.000	0.000	0.000

****

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Process from Point/Station 1.000 to Point/Station 2.000
**** RETARDING BASIN ROUTING ****

User entry of depth-outflow-storage data

Total number of inflow hydrograph intervals = 14
Hydrograph time unit = 5.000 (Min.)
Initial depth in storage basin = 0.00(Ft.)

Initial basin depth = 0.00 (Ft.)
Initial basin storage = 0.00 (Ac.Ft)
Initial basin outflow = 0.00 (CFS)

Depth vs. Storage and Depth vs. Discharge data:

Basin Depth (Ft.)	Storage (Ac.Ft)	Outflow (CFS)	(S-O*dt/2) (Ac.Ft)	(S+O*dt/2) (Ac.Ft)
0.000	0.000	0.000	0.000	0.000
0.500	0.047	0.100	0.047	0.047
1.000	0.142	0.150	0.141	0.143
1.500	0.237	0.190	0.236	0.238
2.000	0.332	0.230	0.331	0.333
2.500	0.426	0.250	0.425	0.427
3.000	0.521	0.280	0.520	0.522
3.500	0.616	0.300	0.615	0.617
4.000	0.711	0.320	0.710	0.712
4.500	0.806	0.340	0.805	0.807
5.000	0.900	3.040	0.890	0.910
5.500	0.995	4.160	0.981	1.009
6.000	1.090	5.030	1.073	1.107

Hydrograph Detention Basin Routing

Graph values: 'I'= unit inflow; 'O'=outflow at time shown

Time (Hours)	Inflow (CFS)	Outflow (CFS)	Storage (Ac.Ft)	.0 7.2 14.35 21.53 28.71	Depth (Ft.)
0.083	1.90	0.01	0.006	O I	0.07
0.167	4.22	0.06	0.027	O I	0.29
0.250	5.05	0.11	0.059	O I	0.56
0.333	5.48	0.12	0.094	O I	0.75
0.417	5.99	0.15	0.133	O I	0.95
0.500	6.90	0.16	0.176	O I	1.18
0.583	7.91	0.19	0.226	O I	1.44
0.667	9.63	0.21	0.285	O I	1.75
0.750	14.17	0.24	0.365	O I	2.18
0.833	28.71	0.28	0.511	O I	2.95
0.917	23.69	0.32	0.690	O I	3.89
1.000	8.04	0.34	0.797	O I	4.45
1.083	2.42	0.98	0.828	OI	4.62
1.167	0.19	1.04	0.830	IO	4.63
1.250	0.00	0.87	0.824	O	4.60
1.333	0.00	0.71	0.819	O	4.57
1.417	0.00	0.58	0.814	O	4.55
1.500	0.00	0.48	0.811	O	4.53
1.583	0.00	0.39	0.808	O	4.51
1.667	0.00	0.34	0.805	O	4.50
1.750	0.00	0.34	0.803	O	4.48
1.833	0.00	0.34	0.801	O	4.47
1.917	0.00	0.34	0.798	O	4.46
2.000	0.00	0.34	0.796	O	4.45
2.083	0.00	0.34	0.794	O	4.43
2.167	0.00	0.34	0.791	O	4.42
2.250	0.00	0.34	0.789	O	4.41
2.333	0.00	0.34	0.787	O	4.40
2.417	0.00	0.34	0.784	O	4.39

2.500	0.00	0.33	0.782	O				4.37
2.583	0.00	0.33	0.780	O				4.36
2.667	0.00	0.33	0.777	O				4.35
2.750	0.00	0.33	0.775	O				4.34
2.833	0.00	0.33	0.773	O				4.33
2.917	0.00	0.33	0.771	O				4.31
3.000	0.00	0.33	0.768	O				4.30
3.083	0.00	0.33	0.766	O				4.29
3.167	0.00	0.33	0.764	O				4.28
3.250	0.00	0.33	0.761	O				4.27
3.333	0.00	0.33	0.759	O				4.25
3.417	0.00	0.33	0.757	O				4.24
3.500	0.00	0.33	0.755	O				4.23
3.583	0.00	0.33	0.752	O				4.22
3.667	0.00	0.33	0.750	O				4.21
3.750	0.00	0.33	0.748	O				4.19
3.833	0.00	0.33	0.746	O				4.18
3.917	0.00	0.33	0.743	O				4.17
4.000	0.00	0.33	0.741	O				4.16
4.083	0.00	0.33	0.739	O				4.15
4.167	0.00	0.33	0.737	O				4.13
4.250	0.00	0.32	0.734	O				4.12
4.333	0.00	0.32	0.732	O				4.11
4.417	0.00	0.32	0.730	O				4.10
4.500	0.00	0.32	0.728	O				4.09
4.583	0.00	0.32	0.725	O				4.08
4.667	0.00	0.32	0.723	O				4.06
4.750	0.00	0.32	0.721	O				4.05
4.833	0.00	0.32	0.719	O				4.04
4.917	0.00	0.32	0.717	O				4.03
5.000	0.00	0.32	0.714	O				4.02
5.083	0.00	0.32	0.712	O				4.01
5.167	0.00	0.32	0.710	O				3.99
5.250	0.00	0.32	0.708	O				3.98
5.333	0.00	0.32	0.706	O				3.97
5.417	0.00	0.32	0.703	O				3.96
5.500	0.00	0.32	0.701	O				3.95
5.583	0.00	0.32	0.699	O				3.94
5.667	0.00	0.32	0.697	O				3.93
5.750	0.00	0.32	0.695	O				3.91
5.833	0.00	0.32	0.692	O				3.90
5.917	0.00	0.32	0.690	O				3.89
6.000	0.00	0.32	0.688	O				3.88
6.083	0.00	0.31	0.686	O				3.87
6.167	0.00	0.31	0.684	O				3.86
6.250	0.00	0.31	0.682	O				3.85
6.333	0.00	0.31	0.679	O				3.83
6.417	0.00	0.31	0.677	O				3.82
6.500	0.00	0.31	0.675	O				3.81
6.583	0.00	0.31	0.673	O				3.80
6.667	0.00	0.31	0.671	O				3.79
6.750	0.00	0.31	0.669	O				3.78
6.833	0.00	0.31	0.667	O				3.77

6.917	0.00	0.31	0.664	O				3.75
7.000	0.00	0.31	0.662	O				3.74
7.083	0.00	0.31	0.660	O				3.73
7.167	0.00	0.31	0.658	O				3.72
7.250	0.00	0.31	0.656	O				3.71
7.333	0.00	0.31	0.654	O				3.70
7.417	0.00	0.31	0.652	O				3.69
7.500	0.00	0.31	0.650	O				3.68
7.583	0.00	0.31	0.647	O				3.67
7.667	0.00	0.31	0.645	O				3.65
7.750	0.00	0.31	0.643	O				3.64
7.833	0.00	0.31	0.641	O				3.63
7.917	0.00	0.30	0.639	O				3.62
8.000	0.00	0.30	0.637	O				3.61
8.083	0.00	0.30	0.635	O				3.60
8.167	0.00	0.30	0.633	O				3.59
8.250	0.00	0.30	0.631	O				3.58
8.333	0.00	0.30	0.629	O				3.57
8.417	0.00	0.30	0.626	O				3.55
8.500	0.00	0.30	0.624	O				3.54
8.583	0.00	0.30	0.622	O				3.53
8.667	0.00	0.30	0.620	O				3.52
8.750	0.00	0.30	0.618	O				3.51
8.833	0.00	0.30	0.616	O				3.50
8.917	0.00	0.30	0.614	O				3.49
9.000	0.00	0.30	0.612	O				3.48
9.083	0.00	0.30	0.610	O				3.47
9.167	0.00	0.30	0.608	O				3.46
9.250	0.00	0.30	0.606	O				3.45
9.333	0.00	0.30	0.604	O				3.44
9.417	0.00	0.30	0.602	O				3.42
9.500	0.00	0.30	0.600	O				3.41
9.583	0.00	0.30	0.598	O				3.40
9.667	0.00	0.30	0.596	O				3.39
9.750	0.00	0.30	0.594	O				3.38
9.833	0.00	0.29	0.591	O				3.37
9.917	0.00	0.29	0.589	O				3.36
10.000	0.00	0.29	0.587	O				3.35
10.083	0.00	0.29	0.585	O				3.34
10.167	0.00	0.29	0.583	O				3.33
10.250	0.00	0.29	0.581	O				3.32
10.333	0.00	0.29	0.579	O				3.31
10.417	0.00	0.29	0.577	O				3.30
10.500	0.00	0.29	0.575	O				3.29
10.583	0.00	0.29	0.573	O				3.28
10.667	0.00	0.29	0.571	O				3.26
10.750	0.00	0.29	0.569	O				3.25
10.833	0.00	0.29	0.567	O				3.24
10.917	0.00	0.29	0.565	O				3.23
11.000	0.00	0.29	0.563	O				3.22
11.083	0.00	0.29	0.561	O				3.21
11.167	0.00	0.29	0.559	O				3.20
11.250	0.00	0.29	0.557	O				3.19

11.333	0.00	0.29	0.555	O				3.18
11.417	0.00	0.29	0.553	O				3.17
11.500	0.00	0.29	0.551	O				3.16
11.583	0.00	0.29	0.549	O				3.15
11.667	0.00	0.29	0.548	O				3.14
11.750	0.00	0.29	0.546	O				3.13
11.833	0.00	0.28	0.544	O				3.12
11.917	0.00	0.28	0.542	O				3.11
12.000	0.00	0.28	0.540	O				3.10
12.083	0.00	0.28	0.538	O				3.09
12.167	0.00	0.28	0.536	O				3.08
12.250	0.00	0.28	0.534	O				3.07
12.333	0.00	0.28	0.532	O				3.06
12.417	0.00	0.28	0.530	O				3.05
12.500	0.00	0.28	0.528	O				3.04
12.583	0.00	0.28	0.526	O				3.03
12.667	0.00	0.28	0.524	O				3.02
12.750	0.00	0.28	0.522	O				3.01
12.833	0.00	0.28	0.520	O				3.00
12.917	0.00	0.28	0.518	O				2.99
13.000	0.00	0.28	0.516	O				2.98
13.083	0.00	0.28	0.514	O				2.97
13.167	0.00	0.28	0.513	O				2.96
13.250	0.00	0.28	0.511	O				2.95
13.333	0.00	0.28	0.509	O				2.94
13.417	0.00	0.28	0.507	O				2.93
13.500	0.00	0.27	0.505	O				2.92
13.583	0.00	0.27	0.503	O				2.91
13.667	0.00	0.27	0.501	O				2.90
13.750	0.00	0.27	0.499	O				2.89
13.833	0.00	0.27	0.497	O				2.88
13.917	0.00	0.27	0.496	O				2.87
14.000	0.00	0.27	0.494	O				2.86
14.083	0.00	0.27	0.492	O				2.85
14.167	0.00	0.27	0.490	O				2.84
14.250	0.00	0.27	0.488	O				2.83
14.333	0.00	0.27	0.486	O				2.82
14.417	0.00	0.27	0.484	O				2.81
14.500	0.00	0.27	0.483	O				2.80
14.583	0.00	0.27	0.481	O				2.79
14.667	0.00	0.27	0.479	O				2.78
14.750	0.00	0.27	0.477	O				2.77
14.833	0.00	0.27	0.475	O				2.76
14.917	0.00	0.26	0.473	O				2.75
15.000	0.00	0.26	0.472	O				2.74
15.083	0.00	0.26	0.470	O				2.73
15.167	0.00	0.26	0.468	O				2.72
15.250	0.00	0.26	0.466	O				2.71
15.333	0.00	0.26	0.464	O				2.70
15.417	0.00	0.26	0.462	O				2.69
15.500	0.00	0.26	0.461	O				2.68
15.583	0.00	0.26	0.459	O				2.67
15.667	0.00	0.26	0.457	O				2.66

15.750	0.00	0.26	0.455	O				2.65
15.833	0.00	0.26	0.454	O				2.64
15.917	0.00	0.26	0.452	O				2.64
16.000	0.00	0.26	0.450	O				2.63
16.083	0.00	0.26	0.448	O				2.62
16.167	0.00	0.26	0.446	O				2.61
16.250	0.00	0.26	0.445	O				2.60
16.333	0.00	0.26	0.443	O				2.59
16.417	0.00	0.25	0.441	O				2.58
16.500	0.00	0.25	0.439	O				2.57
16.583	0.00	0.25	0.438	O				2.56
16.667	0.00	0.25	0.436	O				2.55
16.750	0.00	0.25	0.434	O				2.54
16.833	0.00	0.25	0.432	O				2.53
16.917	0.00	0.25	0.431	O				2.52
17.000	0.00	0.25	0.429	O				2.52
17.083	0.00	0.25	0.427	O				2.51
17.167	0.00	0.25	0.426	O				2.50
17.250	0.00	0.25	0.424	O				2.49
17.333	0.00	0.25	0.422	O				2.48
17.417	0.00	0.25	0.420	O				2.47
17.500	0.00	0.25	0.419	O				2.46
17.583	0.00	0.25	0.417	O				2.45
17.667	0.00	0.25	0.415	O				2.44
17.750	0.00	0.25	0.414	O				2.43
17.833	0.00	0.25	0.412	O				2.42
17.917	0.00	0.25	0.410	O				2.42
18.000	0.00	0.25	0.408	O				2.41
18.083	0.00	0.25	0.407	O				2.40
18.167	0.00	0.25	0.405	O				2.39
18.250	0.00	0.25	0.403	O				2.38
18.333	0.00	0.24	0.402	O				2.37
18.417	0.00	0.24	0.400	O				2.36
18.500	0.00	0.24	0.398	O				2.35
18.583	0.00	0.24	0.397	O				2.34
18.667	0.00	0.24	0.395	O				2.33
18.750	0.00	0.24	0.393	O				2.33
18.833	0.00	0.24	0.392	O				2.32
18.917	0.00	0.24	0.390	O				2.31
19.000	0.00	0.24	0.388	O				2.30
19.083	0.00	0.24	0.387	O				2.29
19.167	0.00	0.24	0.385	O				2.28
19.250	0.00	0.24	0.383	O				2.27
19.333	0.00	0.24	0.382	O				2.26
19.417	0.00	0.24	0.380	O				2.26
19.500	0.00	0.24	0.378	O				2.25
19.583	0.00	0.24	0.377	O				2.24
19.667	0.00	0.24	0.375	O				2.23
19.750	0.00	0.24	0.373	O				2.22
19.833	0.00	0.24	0.372	O				2.21
19.917	0.00	0.24	0.370	O				2.20
20.000	0.00	0.24	0.368	O				2.19
20.083	0.00	0.24	0.367	O				2.19

20.167	0.00	0.24	0.365	O				2.18
20.250	0.00	0.24	0.364	O				2.17
20.333	0.00	0.24	0.362	O				2.16
20.417	0.00	0.24	0.360	O				2.15
20.500	0.00	0.24	0.359	O				2.14
20.583	0.00	0.24	0.357	O				2.13
20.667	0.00	0.23	0.355	O				2.12
20.750	0.00	0.23	0.354	O				2.12
20.833	0.00	0.23	0.352	O				2.11
20.917	0.00	0.23	0.351	O				2.10
21.000	0.00	0.23	0.349	O				2.09
21.083	0.00	0.23	0.347	O				2.08
21.167	0.00	0.23	0.346	O				2.07
21.250	0.00	0.23	0.344	O				2.06
21.333	0.00	0.23	0.343	O				2.06
21.417	0.00	0.23	0.341	O				2.05
21.500	0.00	0.23	0.339	O				2.04
21.583	0.00	0.23	0.338	O				2.03
21.667	0.00	0.23	0.336	O				2.02
21.750	0.00	0.23	0.335	O				2.01
21.833	0.00	0.23	0.333	O				2.01
21.917	0.00	0.23	0.331	O				2.00
22.000	0.00	0.23	0.330	O				1.99
22.083	0.00	0.23	0.328	O				1.98
22.167	0.00	0.23	0.327	O				1.97
22.250	0.00	0.23	0.325	O				1.96
22.333	0.00	0.23	0.324	O				1.96
22.417	0.00	0.23	0.322	O				1.95
22.500	0.00	0.23	0.320	O				1.94
22.583	0.00	0.22	0.319	O				1.93
22.667	0.00	0.22	0.317	O				1.92
22.750	0.00	0.22	0.316	O				1.91
22.833	0.00	0.22	0.314	O				1.91
22.917	0.00	0.22	0.313	O				1.90
23.000	0.00	0.22	0.311	O				1.89
23.083	0.00	0.22	0.310	O				1.88
23.167	0.00	0.22	0.308	O				1.87
23.250	0.00	0.22	0.307	O				1.87
23.333	0.00	0.22	0.305	O				1.86
23.417	0.00	0.22	0.304	O				1.85
23.500	0.00	0.22	0.302	O				1.84
23.583	0.00	0.22	0.301	O				1.84
23.667	0.00	0.22	0.299	O				1.83
23.750	0.00	0.22	0.298	O				1.82
23.833	0.00	0.21	0.296	O				1.81
23.917	0.00	0.21	0.295	O				1.80
24.000	0.00	0.21	0.293	O				1.80
24.083	0.00	0.21	0.292	O				1.79
24.167	0.00	0.21	0.290	O				1.78
24.250	0.00	0.21	0.289	O				1.77
24.333	0.00	0.21	0.287	O				1.77
24.417	0.00	0.21	0.286	O				1.76
24.500	0.00	0.21	0.284	O				1.75

24.583	0.00	0.21	0.283	O				1.74
24.667	0.00	0.21	0.282	O				1.73
24.750	0.00	0.21	0.280	O				1.73
24.833	0.00	0.21	0.279	O				1.72
24.917	0.00	0.21	0.277	O				1.71
25.000	0.00	0.21	0.276	O				1.70
25.083	0.00	0.21	0.274	O				1.70
25.167	0.00	0.21	0.273	O				1.69
25.250	0.00	0.20	0.272	O				1.68
25.333	0.00	0.20	0.270	O				1.67
25.417	0.00	0.20	0.269	O				1.67
25.500	0.00	0.20	0.267	O				1.66
25.583	0.00	0.20	0.266	O				1.65
25.667	0.00	0.20	0.265	O				1.65
25.750	0.00	0.20	0.263	O				1.64
25.833	0.00	0.20	0.262	O				1.63
25.917	0.00	0.20	0.261	O				1.62
26.000	0.00	0.20	0.259	O				1.62
26.083	0.00	0.20	0.258	O				1.61
26.167	0.00	0.20	0.256	O				1.60
26.250	0.00	0.20	0.255	O				1.59
26.333	0.00	0.20	0.254	O				1.59
26.417	0.00	0.20	0.252	O				1.58
26.500	0.00	0.20	0.251	O				1.57
26.583	0.00	0.20	0.250	O				1.57
26.667	0.00	0.19	0.248	O				1.56
26.750	0.00	0.19	0.247	O				1.55
26.833	0.00	0.19	0.246	O				1.55
26.917	0.00	0.19	0.244	O				1.54
27.000	0.00	0.19	0.243	O				1.53
27.083	0.00	0.19	0.242	O				1.52
27.167	0.00	0.19	0.240	O				1.52
27.250	0.00	0.19	0.239	O				1.51
27.333	0.00	0.19	0.238	O				1.50
27.417	0.00	0.19	0.236	O				1.50
27.500	0.00	0.19	0.235	O				1.49
27.583	0.00	0.19	0.234	O				1.48
27.667	0.00	0.19	0.232	O				1.48
27.750	0.00	0.19	0.231	O				1.47
27.833	0.00	0.19	0.230	O				1.46
27.917	0.00	0.19	0.229	O				1.46
28.000	0.00	0.19	0.227	O				1.45
28.083	0.00	0.19	0.226	O				1.44
28.167	0.00	0.18	0.225	O				1.44
28.250	0.00	0.18	0.223	O				1.43
28.333	0.00	0.18	0.222	O				1.42
28.417	0.00	0.18	0.221	O				1.42
28.500	0.00	0.18	0.220	O				1.41
28.583	0.00	0.18	0.218	O				1.40
28.667	0.00	0.18	0.217	O				1.40
28.750	0.00	0.18	0.216	O				1.39
28.833	0.00	0.18	0.215	O				1.38
28.917	0.00	0.18	0.213	O				1.38

29.000	0.00	0.18	0.212	O	|	|	|	1.37
29.083	0.00	0.18	0.211	O	|	|	|	1.36
29.167	0.00	0.18	0.210	O	|	|	|	1.36
29.250	0.00	0.18	0.209	O	|	|	|	1.35
29.333	0.00	0.18	0.207	O	|	|	|	1.34
29.417	0.00	0.18	0.206	O	|	|	|	1.34
29.500	0.00	0.18	0.205	O	|	|	|	1.33
29.583	0.00	0.18	0.204	O	|	|	|	1.32
29.667	0.00	0.18	0.202	O	|	|	|	1.32
29.750	0.00	0.17	0.201	O	|	|	|	1.31
29.833	0.00	0.17	0.200	O	|	|	|	1.31
29.917	0.00	0.17	0.199	O	|	|	|	1.30
30.000	0.00	0.17	0.198	O	|	|	|	1.29
30.083	0.00	0.17	0.196	O	|	|	|	1.29
30.167	0.00	0.17	0.195	O	|	|	|	1.28
30.250	0.00	0.17	0.194	O	|	|	|	1.27
30.333	0.00	0.17	0.193	O	|	|	|	1.27
30.417	0.00	0.17	0.192	O	|	|	|	1.26
30.500	0.00	0.17	0.191	O	|	|	|	1.26
30.583	0.00	0.17	0.189	O	|	|	|	1.25
30.667	0.00	0.17	0.188	O	|	|	|	1.24
30.750	0.00	0.17	0.187	O	|	|	|	1.24
30.833	0.00	0.17	0.186	O	|	|	|	1.23
30.917	0.00	0.17	0.185	O	|	|	|	1.22
31.000	0.00	0.17	0.184	O	|	|	|	1.22
31.083	0.00	0.17	0.182	O	|	|	|	1.21
31.167	0.00	0.17	0.181	O	|	|	|	1.21
31.250	0.00	0.17	0.180	O	|	|	|	1.20
31.333	0.00	0.17	0.179	O	|	|	|	1.19
31.417	0.00	0.17	0.178	O	|	|	|	1.19
31.500	0.00	0.16	0.177	O	|	|	|	1.18
31.583	0.00	0.16	0.176	O	|	|	|	1.18
31.667	0.00	0.16	0.174	O	|	|	|	1.17
31.750	0.00	0.16	0.173	O	|	|	|	1.16
31.833	0.00	0.16	0.172	O	|	|	|	1.16
31.917	0.00	0.16	0.171	O	|	|	|	1.15
32.000	0.00	0.16	0.170	O	|	|	|	1.15
32.083	0.00	0.16	0.169	O	|	|	|	1.14
32.167	0.00	0.16	0.168	O	|	|	|	1.14
32.250	0.00	0.16	0.167	O	|	|	|	1.13
32.333	0.00	0.16	0.165	O	|	|	|	1.12
32.417	0.00	0.16	0.164	O	|	|	|	1.12
32.500	0.00	0.16	0.163	O	|	|	|	1.11
32.583	0.00	0.16	0.162	O	|	|	|	1.11
32.667	0.00	0.16	0.161	O	|	|	|	1.10
32.750	0.00	0.16	0.160	O	|	|	|	1.09
32.833	0.00	0.16	0.159	O	|	|	|	1.09
32.917	0.00	0.16	0.158	O	|	|	|	1.08
33.000	0.00	0.16	0.157	O	|	|	|	1.08
33.083	0.00	0.16	0.156	O	|	|	|	1.07
33.167	0.00	0.16	0.155	O	|	|	|	1.07
33.250	0.00	0.15	0.154	O	|	|	|	1.06
33.333	0.00	0.15	0.153	O	|	|	|	1.06

33.417	0.00	0.15	0.151	O				1.05
33.500	0.00	0.15	0.150	O				1.04
33.583	0.00	0.15	0.149	O				1.04
33.667	0.00	0.15	0.148	O				1.03
33.750	0.00	0.15	0.147	O				1.03
33.833	0.00	0.15	0.146	O				1.02
33.917	0.00	0.15	0.145	O				1.02
34.000	0.00	0.15	0.144	O				1.01
34.083	0.00	0.15	0.143	O				1.01
34.167	0.00	0.15	0.142	O				1.00
34.250	0.00	0.15	0.141	O				0.99
34.333	0.00	0.15	0.140	O				0.99
34.417	0.00	0.15	0.139	O				0.98
34.500	0.00	0.15	0.138	O				0.98
34.583	0.00	0.15	0.137	O				0.97
34.667	0.00	0.15	0.136	O				0.97
34.750	0.00	0.15	0.135	O				0.96
34.833	0.00	0.15	0.134	O				0.96
34.917	0.00	0.15	0.133	O				0.95
35.000	0.00	0.14	0.132	O				0.95
35.083	0.00	0.14	0.131	O				0.94
35.167	0.00	0.14	0.130	O				0.94
35.250	0.00	0.14	0.129	O				0.93
35.333	0.00	0.14	0.128	O				0.93
35.417	0.00	0.14	0.127	O				0.92
35.500	0.00	0.14	0.126	O				0.92
35.583	0.00	0.14	0.125	O				0.91
35.667	0.00	0.14	0.124	O				0.91
35.750	0.00	0.14	0.123	O				0.90
35.833	0.00	0.14	0.122	O				0.90
35.917	0.00	0.14	0.121	O				0.89
36.000	0.00	0.14	0.120	O				0.89
36.083	0.00	0.14	0.119	O				0.88
36.167	0.00	0.14	0.118	O				0.88
36.250	0.00	0.14	0.117	O				0.87
36.333	0.00	0.14	0.116	O				0.87
36.417	0.00	0.14	0.115	O				0.86
36.500	0.00	0.14	0.115	O				0.86
36.583	0.00	0.14	0.114	O				0.85
36.667	0.00	0.13	0.113	O				0.85
36.750	0.00	0.13	0.112	O				0.84
36.833	0.00	0.13	0.111	O				0.84
36.917	0.00	0.13	0.110	O				0.83
37.000	0.00	0.13	0.109	O				0.83
37.083	0.00	0.13	0.108	O				0.82
37.167	0.00	0.13	0.107	O				0.82
37.250	0.00	0.13	0.106	O				0.81
37.333	0.00	0.13	0.105	O				0.81
37.417	0.00	0.13	0.104	O				0.80
37.500	0.00	0.13	0.104	O				0.80
37.583	0.00	0.13	0.103	O				0.79
37.667	0.00	0.13	0.102	O				0.79
37.750	0.00	0.13	0.101	O				0.78

37.833	0.00	0.13	0.100	O				0.78
37.917	0.00	0.13	0.099	O				0.77
38.000	0.00	0.13	0.098	O				0.77
38.083	0.00	0.13	0.097	O				0.77
38.167	0.00	0.13	0.097	O				0.76
38.250	0.00	0.13	0.096	O				0.76
38.333	0.00	0.13	0.095	O				0.75
38.417	0.00	0.12	0.094	O				0.75
38.500	0.00	0.12	0.093	O				0.74
38.583	0.00	0.12	0.092	O				0.74
38.667	0.00	0.12	0.091	O				0.73
38.750	0.00	0.12	0.091	O				0.73
38.833	0.00	0.12	0.090	O				0.72
38.917	0.00	0.12	0.089	O				0.72
39.000	0.00	0.12	0.088	O				0.72
39.083	0.00	0.12	0.087	O				0.71
39.167	0.00	0.12	0.086	O				0.71
39.250	0.00	0.12	0.085	O				0.70
39.333	0.00	0.12	0.085	O				0.70
39.417	0.00	0.12	0.084	O				0.69
39.500	0.00	0.12	0.083	O				0.69
39.583	0.00	0.12	0.082	O				0.69
39.667	0.00	0.12	0.081	O				0.68
39.750	0.00	0.12	0.081	O				0.68
39.833	0.00	0.12	0.080	O				0.67
39.917	0.00	0.12	0.079	O				0.67
40.000	0.00	0.12	0.078	O				0.66
40.083	0.00	0.12	0.077	O				0.66
40.167	0.00	0.12	0.077	O				0.66
40.250	0.00	0.12	0.076	O				0.65
40.333	0.00	0.11	0.075	O				0.65
40.417	0.00	0.11	0.074	O				0.64
40.500	0.00	0.11	0.073	O				0.64
40.583	0.00	0.11	0.073	O				0.63
40.667	0.00	0.11	0.072	O				0.63
40.750	0.00	0.11	0.071	O				0.63
40.833	0.00	0.11	0.070	O				0.62
40.917	0.00	0.11	0.070	O				0.62
41.000	0.00	0.11	0.069	O				0.61
41.083	0.00	0.11	0.068	O				0.61
41.167	0.00	0.11	0.067	O				0.61
41.250	0.00	0.11	0.066	O				0.60
41.333	0.00	0.11	0.066	O				0.60
41.417	0.00	0.11	0.065	O				0.59
41.500	0.00	0.11	0.064	O				0.59
41.583	0.00	0.11	0.063	O				0.59
41.667	0.00	0.11	0.063	O				0.58
41.750	0.00	0.11	0.062	O				0.58
41.833	0.00	0.11	0.061	O				0.57
41.917	0.00	0.11	0.060	O				0.57
42.000	0.00	0.11	0.060	O				0.57
42.083	0.00	0.11	0.059	O				0.56
42.167	0.00	0.11	0.058	O				0.56

42.250	0.00	0.11	0.058	O				0.56
42.333	0.00	0.11	0.057	O				0.55
42.417	0.00	0.10	0.056	O				0.55
42.500	0.00	0.10	0.055	O				0.54
42.583	0.00	0.10	0.055	O				0.54
42.667	0.00	0.10	0.054	O				0.54
42.750	0.00	0.10	0.053	O				0.53
42.833	0.00	0.10	0.053	O				0.53
42.917	0.00	0.10	0.052	O				0.53
43.000	0.00	0.10	0.051	O				0.52
43.083	0.00	0.10	0.050	O				0.52
43.167	0.00	0.10	0.050	O				0.51
43.250	0.00	0.10	0.049	O				0.51
43.333	0.00	0.10	0.048	O				0.51
43.417	0.00	0.10	0.048	O				0.50
43.500	0.00	0.10	0.047	O				0.50
43.583	0.00	0.10	0.046	O				0.49
43.667	0.00	0.10	0.046	O				0.48
43.750	0.00	0.10	0.045	O				0.48
43.833	0.00	0.09	0.044	O				0.47
43.917	0.00	0.09	0.044	O				0.46
44.000	0.00	0.09	0.043	O				0.46
44.083	0.00	0.09	0.042	O				0.45
44.167	0.00	0.09	0.042	O				0.44
44.250	0.00	0.09	0.041	O				0.44
44.333	0.00	0.09	0.041	O				0.43
44.417	0.00	0.08	0.040	O				0.42
44.500	0.00	0.08	0.039	O				0.42
44.583	0.00	0.08	0.039	O				0.41
44.667	0.00	0.08	0.038	O				0.41
44.750	0.00	0.08	0.038	O				0.40
44.833	0.00	0.08	0.037	O				0.39
44.917	0.00	0.08	0.037	O				0.39
45.000	0.00	0.08	0.036	O				0.38
45.083	0.00	0.08	0.036	O				0.38
45.167	0.00	0.07	0.035	O				0.37
45.250	0.00	0.07	0.034	O				0.37
45.333	0.00	0.07	0.034	O				0.36
45.417	0.00	0.07	0.033	O				0.36
45.500	0.00	0.07	0.033	O				0.35
45.583	0.00	0.07	0.033	O				0.35
45.667	0.00	0.07	0.032	O				0.34
45.750	0.00	0.07	0.032	O				0.34
45.833	0.00	0.07	0.031	O				0.33
45.917	0.00	0.07	0.031	O				0.33
46.000	0.00	0.06	0.030	O				0.32
46.083	0.00	0.06	0.030	O				0.32
46.167	0.00	0.06	0.029	O				0.31
46.250	0.00	0.06	0.029	O				0.31
46.333	0.00	0.06	0.029	O				0.30
46.417	0.00	0.06	0.028	O				0.30
46.500	0.00	0.06	0.028	O				0.29
46.583	0.00	0.06	0.027	O				0.29

46.667	0.00	0.06	0.027	O				0.29
46.750	0.00	0.06	0.026	O				0.28
46.833	0.00	0.06	0.026	O				0.28
46.917	0.00	0.05	0.026	O				0.27
47.000	0.00	0.05	0.025	O				0.27
47.083	0.00	0.05	0.025	O				0.27
47.167	0.00	0.05	0.025	O				0.26
47.250	0.00	0.05	0.024	O				0.26
47.333	0.00	0.05	0.024	O				0.25
47.417	0.00	0.05	0.024	O				0.25
47.500	0.00	0.05	0.023	O				0.25
47.583	0.00	0.05	0.023	O				0.24
47.667	0.00	0.05	0.023	O				0.24
47.750	0.00	0.05	0.022	O				0.24
47.833	0.00	0.05	0.022	O				0.23
47.917	0.00	0.05	0.022	O				0.23
48.000	0.00	0.05	0.021	O				0.23
48.083	0.00	0.04	0.021	O				0.22
48.167	0.00	0.04	0.021	O				0.22
48.250	0.00	0.04	0.020	O				0.22
48.333	0.00	0.04	0.020	O				0.21
48.417	0.00	0.04	0.020	O				0.21
48.500	0.00	0.04	0.019	O				0.21
48.583	0.00	0.04	0.019	O				0.20
48.667	0.00	0.04	0.019	O				0.20
48.750	0.00	0.04	0.019	O				0.20
48.833	0.00	0.04	0.018	O				0.20
48.917	0.00	0.04	0.018	O				0.19
49.000	0.00	0.04	0.018	O				0.19
49.083	0.00	0.04	0.018	O				0.19
49.167	0.00	0.04	0.017	O				0.18
49.250	0.00	0.04	0.017	O				0.18
49.333	0.00	0.04	0.017	O				0.18
49.417	0.00	0.04	0.017	O				0.18
49.500	0.00	0.03	0.016	O				0.17
49.583	0.00	0.03	0.016	O				0.17
49.667	0.00	0.03	0.016	O				0.17
49.750	0.00	0.03	0.016	O				0.17
49.833	0.00	0.03	0.015	O				0.16
49.917	0.00	0.03	0.015	O				0.16
50.000	0.00	0.03	0.015	O				0.16
50.083	0.00	0.03	0.015	O				0.16
50.167	0.00	0.03	0.015	O				0.15
50.250	0.00	0.03	0.014	O				0.15
50.333	0.00	0.03	0.014	O				0.15
50.417	0.00	0.03	0.014	O				0.15
50.500	0.00	0.03	0.014	O				0.15
50.583	0.00	0.03	0.014	O				0.14
50.667	0.00	0.03	0.013	O				0.14
50.750	0.00	0.03	0.013	O				0.14
50.833	0.00	0.03	0.013	O				0.14
50.917	0.00	0.03	0.013	O				0.14
51.000	0.00	0.03	0.013	O				0.13

51.083	0.00	0.03	0.012	O				0.13
51.167	0.00	0.03	0.012	O				0.13
51.250	0.00	0.03	0.012	O				0.13
51.333	0.00	0.03	0.012	O				0.13
51.417	0.00	0.02	0.012	O				0.12
51.500	0.00	0.02	0.011	O				0.12
51.583	0.00	0.02	0.011	O				0.12
51.667	0.00	0.02	0.011	O				0.12
51.750	0.00	0.02	0.011	O				0.12
51.833	0.00	0.02	0.011	O				0.12
51.917	0.00	0.02	0.011	O				0.11
52.000	0.00	0.02	0.011	O				0.11
52.083	0.00	0.02	0.010	O				0.11
52.167	0.00	0.02	0.010	O				0.11
52.250	0.00	0.02	0.010	O				0.11
52.333	0.00	0.02	0.010	O				0.11
52.417	0.00	0.02	0.010	O				0.10
52.500	0.00	0.02	0.010	O				0.10
52.583	0.00	0.02	0.009	O				0.10
52.667	0.00	0.02	0.009	O				0.10
52.750	0.00	0.02	0.009	O				0.10
52.833	0.00	0.02	0.009	O				0.10
52.917	0.00	0.02	0.009	O				0.10
53.000	0.00	0.02	0.009	O				0.09
53.083	0.00	0.02	0.009	O				0.09
53.167	0.00	0.02	0.009	O				0.09
53.250	0.00	0.02	0.008	O				0.09
53.333	0.00	0.02	0.008	O				0.09
53.417	0.00	0.02	0.008	O				0.09
53.500	0.00	0.02	0.008	O				0.09
53.583	0.00	0.02	0.008	O				0.08
53.667	0.00	0.02	0.008	O				0.08
53.750	0.00	0.02	0.008	O				0.08
53.833	0.00	0.02	0.008	O				0.08
53.917	0.00	0.02	0.008	O				0.08
54.000	0.00	0.02	0.007	O				0.08
54.083	0.00	0.02	0.007	O				0.08
54.167	0.00	0.02	0.007	O				0.08
54.250	0.00	0.02	0.007	O				0.08
54.333	0.00	0.01	0.007	O				0.07
54.417	0.00	0.01	0.007	O				0.07
54.500	0.00	0.01	0.007	O				0.07
54.583	0.00	0.01	0.007	O				0.07
54.667	0.00	0.01	0.007	O				0.07
54.750	0.00	0.01	0.006	O				0.07
54.833	0.00	0.01	0.006	O				0.07
54.917	0.00	0.01	0.006	O				0.07
55.000	0.00	0.01	0.006	O				0.07
55.083	0.00	0.01	0.006	O				0.07
55.167	0.00	0.01	0.006	O				0.06
55.250	0.00	0.01	0.006	O				0.06
55.333	0.00	0.01	0.006	O				0.06
55.417	0.00	0.01	0.006	O				0.06

55.500	0.00	0.01	0.006	O				0.06
55.583	0.00	0.01	0.006	O				0.06
55.667	0.00	0.01	0.006	O				0.06
55.750	0.00	0.01	0.005	O				0.06
55.833	0.00	0.01	0.005	O				0.06
55.917	0.00	0.01	0.005	O				0.06
56.000	0.00	0.01	0.005	O				0.06
56.083	0.00	0.01	0.005	O				0.05
56.167	0.00	0.01	0.005	O				0.05
56.250	0.00	0.01	0.005	O				0.05
56.333	0.00	0.01	0.005	O				0.05
56.417	0.00	0.01	0.005	O				0.05
56.500	0.00	0.01	0.005	O				0.05
56.583	0.00	0.01	0.005	O				0.05
56.667	0.00	0.01	0.005	O				0.05
56.750	0.00	0.01	0.005	O				0.05
56.833	0.00	0.01	0.004	O				0.05
56.917	0.00	0.01	0.004	O				0.05
57.000	0.00	0.01	0.004	O				0.05
57.083	0.00	0.01	0.004	O				0.05
57.167	0.00	0.01	0.004	O				0.05
57.250	0.00	0.01	0.004	O				0.04
57.333	0.00	0.01	0.004	O				0.04
57.417	0.00	0.01	0.004	O				0.04
57.500	0.00	0.01	0.004	O				0.04
57.583	0.00	0.01	0.004	O				0.04
57.667	0.00	0.01	0.004	O				0.04
57.750	0.00	0.01	0.004	O				0.04
57.833	0.00	0.01	0.004	O				0.04
57.917	0.00	0.01	0.004	O				0.04
58.000	0.00	0.01	0.004	O				0.04
58.083	0.00	0.01	0.004	O				0.04
58.167	0.00	0.01	0.004	O				0.04
58.250	0.00	0.01	0.004	O				0.04
58.333	0.00	0.01	0.003	O				0.04
58.417	0.00	0.01	0.003	O				0.04
58.500	0.00	0.01	0.003	O				0.04
58.583	0.00	0.01	0.003	O				0.04
58.667	0.00	0.01	0.003	O				0.03
58.750	0.00	0.01	0.003	O				0.03
58.833	0.00	0.01	0.003	O				0.03
58.917	0.00	0.01	0.003	O				0.03
59.000	0.00	0.01	0.003	O				0.03
59.083	0.00	0.01	0.003	O				0.03
59.167	0.00	0.01	0.003	O				0.03
59.250	0.00	0.01	0.003	O				0.03
59.333	0.00	0.01	0.003	O				0.03
59.417	0.00	0.01	0.003	O				0.03
59.500	0.00	0.01	0.003	O				0.03
59.583	0.00	0.01	0.003	O				0.03
59.667	0.00	0.01	0.003	O				0.03
59.750	0.00	0.01	0.003	O				0.03
59.833	0.00	0.01	0.003	O				0.03

59.917	0.00	0.01	0.003	O				0.03
60.000	0.00	0.01	0.003	O				0.03
60.083	0.00	0.01	0.003	O				0.03
60.167	0.00	0.01	0.003	O				0.03
60.250	0.00	0.01	0.002	O				0.03
60.333	0.00	0.01	0.002	O				0.03
60.417	0.00	0.01	0.002	O				0.03
60.500	0.00	0.01	0.002	O				0.03
60.583	0.00	0.00	0.002	O				0.02
60.667	0.00	0.00	0.002	O				0.02
60.750	0.00	0.00	0.002	O				0.02
60.833	0.00	0.00	0.002	O				0.02
60.917	0.00	0.00	0.002	O				0.02
61.000	0.00	0.00	0.002	O				0.02
61.083	0.00	0.00	0.002	O				0.02
61.167	0.00	0.00	0.002	O				0.02
61.250	0.00	0.00	0.002	O				0.02
61.333	0.00	0.00	0.002	O				0.02
61.417	0.00	0.00	0.002	O				0.02
61.500	0.00	0.00	0.002	O				0.02
61.583	0.00	0.00	0.002	O				0.02
61.667	0.00	0.00	0.002	O				0.02
61.750	0.00	0.00	0.002	O				0.02
61.833	0.00	0.00	0.002	O				0.02
61.917	0.00	0.00	0.002	O				0.02
62.000	0.00	0.00	0.002	O				0.02
62.083	0.00	0.00	0.002	O				0.02
62.167	0.00	0.00	0.002	O				0.02
62.250	0.00	0.00	0.002	O				0.02
62.333	0.00	0.00	0.002	O				0.02
62.417	0.00	0.00	0.002	O				0.02
62.500	0.00	0.00	0.002	O				0.02
62.583	0.00	0.00	0.002	O				0.02
62.667	0.00	0.00	0.002	O				0.02
62.750	0.00	0.00	0.002	O				0.02
62.833	0.00	0.00	0.002	O				0.02
62.917	0.00	0.00	0.002	O				0.02
63.000	0.00	0.00	0.002	O				0.02
63.083	0.00	0.00	0.001	O				0.02
63.167	0.00	0.00	0.001	O				0.02
63.250	0.00	0.00	0.001	O				0.02
63.333	0.00	0.00	0.001	O				0.02
63.417	0.00	0.00	0.001	O				0.02
63.500	0.00	0.00	0.001	O				0.01
63.583	0.00	0.00	0.001	O				0.01
63.667	0.00	0.00	0.001	O				0.01
63.750	0.00	0.00	0.001	O				0.01
63.833	0.00	0.00	0.001	O				0.01
63.917	0.00	0.00	0.001	O				0.01
64.000	0.00	0.00	0.001	O				0.01
64.083	0.00	0.00	0.001	O				0.01
64.167	0.00	0.00	0.001	O				0.01
64.250	0.00	0.00	0.001	O				0.01

64.333	0.00	0.00	0.001	O	|	|	|	0.01
64.417	0.00	0.00	0.001	O	|	|	|	0.01
64.500	0.00	0.00	0.001	O	|	|	|	0.01
64.583	0.00	0.00	0.001	O	|	|	|	0.01
64.667	0.00	0.00	0.001	O	|	|	|	0.01
64.750	0.00	0.00	0.001	O	|	|	|	0.01
64.833	0.00	0.00	0.001	O	|	|	|	0.01
64.917	0.00	0.00	0.001	O	|	|	|	0.01
65.000	0.00	0.00	0.001	O	|	|	|	0.01
65.083	0.00	0.00	0.001	O	|	|	|	0.01
65.167	0.00	0.00	0.001	O	|	|	|	0.01
65.250	0.00	0.00	0.001	O	|	|	|	0.01
65.333	0.00	0.00	0.001	O	|	|	|	0.01
65.417	0.00	0.00	0.001	O	|	|	|	0.01
65.500	0.00	0.00	0.001	O	|	|	|	0.01
65.583	0.00	0.00	0.001	O	|	|	|	0.01
65.667	0.00	0.00	0.001	O	|	|	|	0.01
65.750	0.00	0.00	0.001	O	|	|	|	0.01
65.833	0.00	0.00	0.001	O	|	|	|	0.01
65.917	0.00	0.00	0.001	O	|	|	|	0.01
66.000	0.00	0.00	0.001	O	|	|	|	0.01
66.083	0.00	0.00	0.001	O	|	|	|	0.01
66.167	0.00	0.00	0.001	O	|	|	|	0.01
66.250	0.00	0.00	0.001	O	|	|	|	0.01
66.333	0.00	0.00	0.001	O	|	|	|	0.01
66.417	0.00	0.00	0.001	O	|	|	|	0.01
66.500	0.00	0.00	0.001	O	|	|	|	0.01
66.583	0.00	0.00	0.001	O	|	|	|	0.01
66.667	0.00	0.00	0.001	O	|	|	|	0.01
66.750	0.00	0.00	0.001	O	|	|	|	0.01
66.833	0.00	0.00	0.001	O	|	|	|	0.01
66.917	0.00	0.00	0.001	O	|	|	|	0.01
67.000	0.00	0.00	0.001	O	|	|	|	0.01
67.083	0.00	0.00	0.001	O	|	|	|	0.01
67.167	0.00	0.00	0.001	O	|	|	|	0.01
67.250	0.00	0.00	0.001	O	|	|	|	0.01
67.333	0.00	0.00	0.001	O	|	|	|	0.01
67.417	0.00	0.00	0.001	O	|	|	|	0.01
67.500	0.00	0.00	0.001	O	|	|	|	0.01
67.583	0.00	0.00	0.001	O	|	|	|	0.01
67.667	0.00	0.00	0.001	O	|	|	|	0.01
67.750	0.00	0.00	0.001	O	|	|	|	0.01
67.833	0.00	0.00	0.001	O	|	|	|	0.01
67.917	0.00	0.00	0.001	O	|	|	|	0.01
68.000	0.00	0.00	0.001	O	|	|	|	0.01
68.083	0.00	0.00	0.001	O	|	|	|	0.01
68.167	0.00	0.00	0.001	O	|	|	|	0.01
68.250	0.00	0.00	0.001	O	|	|	|	0.01
68.333	0.00	0.00	0.001	O	|	|	|	0.01
68.417	0.00	0.00	0.001	O	|	|	|	0.01
68.500	0.00	0.00	0.001	O	|	|	|	0.01
68.583	0.00	0.00	0.001	O	|	|	|	0.01
68.667	0.00	0.00	0.001	O	|	|	|	0.01

68.750	0.00	0.00	0.001	O	|	|	|	|	0.01
68.833	0.00	0.00	0.001	O	|	|	|	|	0.01
68.917	0.00	0.00	0.001	O	|	|	|	|	0.01
69.000	0.00	0.00	0.001	O	|	|	|	|	0.01
69.083	0.00	0.00	0.001	O	|	|	|	|	0.01
69.167	0.00	0.00	0.001	O	|	|	|	|	0.01
69.250	0.00	0.00	0.001	O	|	|	|	|	0.01
69.333	0.00	0.00	0.000	O	|	|	|	|	0.01
69.417	0.00	0.00	0.000	O	|	|	|	|	0.01
69.500	0.00	0.00	0.000	O	|	|	|	|	0.01
69.583	0.00	0.00	0.000	O	|	|	|	|	0.01
69.667	0.00	0.00	0.000	O	|	|	|	|	0.01
69.750	0.00	0.00	0.000	O	|	|	|	|	0.00

**********HYDROGRAPH DATA**********

Number of intervals = 837
Time interval = 5.0 (Min.)
Maximum/Peak flow rate = 1.037 (CFS)
Total volume = 0.856 (Ac.Ft)

Status of hydrographs being held in storage

	Stream 1	Stream 2	Stream 3	Stream 4	Stream 5
Peak (CFS)	0.000	0.000	0.000	0.000	0.000
Vol (Ac.Ft)	0.000	0.000	0.000	0.000	0.000

****

FLOOD HYDROGRAPH ROUTING PROGRAM
Copyright (c) CIVILCADD/CIVILDESIGN, 1989 - 2022
Study date: 01/05/26

INDEPENDENCE AT CANYON SPRINGS
ROUTING BASIN
POST-DEVELOPMENT CONDITION
100-YR, 24-HR STORM

Program License Serial Number 6619

********** HYDROGRAPH INFORMATION **********

From study/file name: lmcrp24100.rte
**********HYDROGRAPH DATA**********
Number of intervals = 96
Time interval = 15.0 (Min.)
Maximum/Peak flow rate = 5.265 (CFS)
Total volume = 2.879 (Ac.Ft)
Status of hydrographs being held in storage

	Stream 1	Stream 2	Stream 3	Stream 4	Stream 5
Peak (CFS)	0.000	0.000	0.000	0.000	0.000
Vol (Ac.Ft)	0.000	0.000	0.000	0.000	0.000

****

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Process from Point/Station 1.000 to Point/Station 2.000
**** RETARDING BASIN ROUTING ****

User entry of depth-outflow-storage data

Total number of inflow hydrograph intervals = 96
Hydrograph time unit = 15.000 (Min.)
Initial depth in storage basin = 0.00(Ft.)

Initial basin depth = 0.00 (Ft.)
Initial basin storage = 0.00 (Ac.Ft)
Initial basin outflow = 0.00 (CFS)

Depth vs. Storage and Depth vs. Discharge data:

Basin Depth (Ft.)	Storage (Ac.Ft)	Outflow (CFS)	(S-O*dt/2) (Ac.Ft)	(S+O*dt/2) (Ac.Ft)
0.000	0.000	0.000	0.000	0.000
0.500	0.047	0.100	0.046	0.048
1.000	0.142	0.150	0.140	0.144
1.500	0.237	0.190	0.235	0.239
2.000	0.332	0.230	0.330	0.334
2.500	0.426	0.250	0.423	0.429
3.000	0.521	0.280	0.518	0.524
3.500	0.616	0.300	0.613	0.619
4.000	0.711	0.320	0.708	0.714
4.500	0.806	0.340	0.802	0.810
5.000	0.900	3.040	0.869	0.931
5.500	0.995	4.160	0.952	1.038
6.000	1.090	5.030	1.038	1.142

Hydrograph Detention Basin Routing

Graph values: 'I'= unit inflow; 'O'=outflow at time shown

Time (Hours)	Inflow (CFS)	Outflow (CFS)	Storage (Ac.Ft)	.0 1.3 2.63 3.95 5.27	Depth (Ft.)
0.250	0.25	0.01	0.003	OI | | | |	0.03
0.500	0.37	0.02	0.009	O I | | | |	0.09
0.750	0.37	0.03	0.016	O I | | | |	0.17
1.000	0.50	0.05	0.024	O I | | | |	0.25
1.250	0.37	0.07	0.032	O I | | | |	0.34
1.500	0.37	0.08	0.038	O I | | | |	0.40
1.750	0.37	0.09	0.044	O I | | | |	0.46
2.000	0.50	0.10	0.051	O I | | | |	0.52
2.250	0.50	0.11	0.059	O I | | | |	0.56
2.500	0.50	0.11	0.067	O I | | | |	0.60
2.750	0.62	0.12	0.076	O I | | | |	0.65
3.000	0.62	0.12	0.086	O I | | | |	0.71
3.250	0.62	0.13	0.097	O I | | | |	0.76
3.500	0.62	0.13	0.107	O I | | | |	0.81
3.750	0.62	0.14	0.117	O I | | | |	0.87
4.000	0.74	0.14	0.128	O I | | | |	0.93
4.250	0.74	0.15	0.140	O I | | | |	0.99
4.500	0.87	0.15	0.154	O I | | | |	1.06
4.750	0.87	0.16	0.168	O I | | | |	1.14
5.000	0.99	0.17	0.184	|O I | | | |	1.22
5.250	0.74	0.17	0.199	|O I | | | |	1.30
5.500	0.87	0.18	0.212	|O I | | | |	1.37
5.750	0.99	0.19	0.227	|O I | | | |	1.45
6.000	0.99	0.19	0.244	|O I | | | |	1.54
6.250	1.12	0.20	0.261	|O I | | | |	1.63
6.500	1.12	0.21	0.280	|O I | | | |	1.73
6.750	1.24	0.22	0.300	|O I| | | |	1.83
7.000	1.24	0.23	0.321	|O I| | | |	1.94
7.250	1.24	0.23	0.342	|O I| | | |	2.05

7.500	1.36	0.24	0.364	O	I			2.17
7.750	1.49	0.24	0.389	O	I			2.30
8.000	1.61	0.25	0.416	O	I			2.44
8.250	1.93	0.26	0.447	O	I			2.61
8.500	1.94	0.27	0.481	O	I			2.79
8.750	2.11	0.28	0.518	O	I			2.98
9.000	2.29	0.29	0.557	O	I			3.19
9.250	2.63	0.30	0.602	O	I			3.43
9.500	2.80	0.31	0.652	O	I			3.69
9.750	2.98	0.32	0.705	O	I			3.97
10.000	3.16	0.33	0.762	O	I			4.27
10.250	1.99	0.38	0.808	O	I			4.51
10.500	2.00	1.12	0.833	O	I			4.64
10.750	2.84	1.72	0.854	O	I			4.75
11.000	2.85	2.23	0.872	O	I			4.85
11.250	2.69	2.48	0.880	OI				4.90
11.500	2.70	2.58	0.884	OI				4.91
11.750	2.37	2.56	0.883	IO				4.91
12.000	2.54	2.51	0.882	O				4.90
12.250	3.72	2.80	0.892	O	I			4.95
12.500	3.90	3.14	0.909	O	I			5.05
12.750	4.24	3.35	0.926	O	I			5.14
13.000	4.41	3.56	0.944	O	I			5.23
13.250	5.26	3.84	0.968	O	I			5.36
13.500	5.27	4.15	0.994	O	I			5.49
13.750	3.43	4.18	0.998	I	O			5.51
14.000	3.44	4.03	0.984	I	O			5.44
14.250	4.11	3.97	0.979	O				5.42
14.500	3.95	3.98	0.980	O				5.42
14.750	3.96	3.98	0.980	O				5.42
15.000	3.80	3.96	0.978	IO				5.41
15.250	3.63	3.90	0.973	IO				5.39
15.500	3.47	3.83	0.967	I	O			5.35
15.750	2.81	3.68	0.954	I	O			5.28
16.000	2.81	3.49	0.938	I	O			5.20
16.250	0.50	3.09	0.904	I	O			5.02
16.500	0.50	1.96	0.862	I	O			4.80
16.750	0.37	1.26	0.838	I	O			4.67
17.000	0.37	0.85	0.824	I	O			4.60
17.250	0.62	0.69	0.818	IO				4.56
17.500	0.62	0.66	0.817	O				4.56
17.750	0.62	0.64	0.816	O				4.56
18.000	0.50	0.60	0.815	O				4.55
18.250	0.50	0.55	0.813	O				4.54
18.500	0.50	0.53	0.813	O				4.53
18.750	0.37	0.48	0.811	O				4.53
19.000	0.25	0.40	0.808	IO				4.51
19.250	0.37	0.36	0.807	O				4.50
19.500	0.50	0.39	0.808	OI				4.51
19.750	0.37	0.41	0.809	O				4.51
20.000	0.25	0.37	0.807	IO				4.50
20.250	0.37	0.34	0.806	O				4.50
20.500	0.37	0.35	0.807	O				4.50

20.750	0.37	0.36	0.807	| O	|	|	|	4.50
21.000	0.25	0.34	0.806	|IO	|	|	|	4.50
21.250	0.37	0.34	0.805	| O	|	|	|	4.50
21.500	0.25	0.34	0.805	|IO	|	|	|	4.49
21.750	0.37	0.34	0.804	| O	|	|	|	4.49
22.000	0.25	0.34	0.803	|IO	|	|	|	4.49
22.250	0.37	0.34	0.803	| O	|	|	|	4.48
22.500	0.25	0.34	0.802	|IO	|	|	|	4.48
22.750	0.25	0.34	0.800	|IO	|	|	|	4.47
23.000	0.25	0.34	0.798	|IO	|	|	|	4.46
23.250	0.25	0.34	0.797	|IO	|	|	|	4.45
23.500	0.25	0.34	0.795	|IO	|	|	|	4.44
23.750	0.25	0.34	0.793	|IO	|	|	|	4.43
24.000	0.25	0.34	0.791	|IO	|	|	|	4.42
24.250	0.00	0.34	0.787	I O	|	|	|	4.40
24.500	0.00	0.33	0.780	I O	|	|	|	4.36
24.750	0.00	0.33	0.773	I O	|	|	|	4.33
25.000	0.00	0.33	0.766	I O	|	|	|	4.29
25.250	0.00	0.33	0.759	I O	|	|	|	4.25
25.500	0.00	0.33	0.752	IO	|	|	|	4.22
25.750	0.00	0.33	0.746	IO	|	|	|	4.18
26.000	0.00	0.33	0.739	IO	|	|	|	4.15
26.250	0.00	0.32	0.732	IO	|	|	|	4.11
26.500	0.00	0.32	0.725	IO	|	|	|	4.08
26.750	0.00	0.32	0.719	IO	|	|	|	4.04
27.000	0.00	0.32	0.712	IO	|	|	|	4.01
27.250	0.00	0.32	0.706	IO	|	|	|	3.97
27.500	0.00	0.32	0.699	IO	|	|	|	3.94
27.750	0.00	0.32	0.692	IO	|	|	|	3.90
28.000	0.00	0.31	0.686	IO	|	|	|	3.87
28.250	0.00	0.31	0.679	IO	|	|	|	3.83
28.500	0.00	0.31	0.673	IO	|	|	|	3.80
28.750	0.00	0.31	0.667	IO	|	|	|	3.77
29.000	0.00	0.31	0.660	IO	|	|	|	3.73
29.250	0.00	0.31	0.654	IO	|	|	|	3.70
29.500	0.00	0.31	0.647	IO	|	|	|	3.67
29.750	0.00	0.31	0.641	IO	|	|	|	3.63
30.000	0.00	0.30	0.635	IO	|	|	|	3.60
30.250	0.00	0.30	0.629	IO	|	|	|	3.57
30.500	0.00	0.30	0.622	IO	|	|	|	3.53
30.750	0.00	0.30	0.616	IO	|	|	|	3.50
31.000	0.00	0.30	0.610	IO	|	|	|	3.47
31.250	0.00	0.30	0.604	IO	|	|	|	3.44
31.500	0.00	0.30	0.598	IO	|	|	|	3.40
31.750	0.00	0.29	0.591	IO	|	|	|	3.37
32.000	0.00	0.29	0.585	IO	|	|	|	3.34
32.250	0.00	0.29	0.579	IO	|	|	|	3.31
32.500	0.00	0.29	0.573	IO	|	|	|	3.28
32.750	0.00	0.29	0.567	IO	|	|	|	3.24
33.000	0.00	0.29	0.561	IO	|	|	|	3.21
33.250	0.00	0.29	0.555	IO	|	|	|	3.18
33.500	0.00	0.29	0.549	IO	|	|	|	3.15
33.750	0.00	0.28	0.544	IO	|	|	|	3.12

34.000	0.00	0.28	0.538	IO				3.09
34.250	0.00	0.28	0.532	IO				3.06
34.500	0.00	0.28	0.526	IO				3.03
34.750	0.00	0.28	0.520	IO				3.00
35.000	0.00	0.28	0.514	IO				2.97
35.250	0.00	0.28	0.509	IO				2.94
35.500	0.00	0.27	0.503	IO				2.91
35.750	0.00	0.27	0.497	IO				2.88
36.000	0.00	0.27	0.492	IO				2.85
36.250	0.00	0.27	0.486	IO				2.82
36.500	0.00	0.27	0.481	IO				2.79
36.750	0.00	0.27	0.475	IO				2.76
37.000	0.00	0.26	0.470	IO				2.73
37.250	0.00	0.26	0.464	IO				2.70
37.500	0.00	0.26	0.459	IO				2.67
37.750	0.00	0.26	0.454	IO				2.64
38.000	0.00	0.26	0.448	IO				2.62
38.250	0.00	0.26	0.443	IO				2.59
38.500	0.00	0.25	0.438	IO				2.56
38.750	0.00	0.25	0.432	IO				2.53
39.000	0.00	0.25	0.427	IO				2.51
39.250	0.00	0.25	0.422	IO				2.48
39.500	0.00	0.25	0.417	IO				2.45
39.750	0.00	0.25	0.412	IO				2.42
40.000	0.00	0.25	0.407	IO				2.40
40.250	0.00	0.24	0.402	IO				2.37
40.500	0.00	0.24	0.397	IO				2.34
40.750	0.00	0.24	0.392	IO				2.32
41.000	0.00	0.24	0.387	IO				2.29
41.250	0.00	0.24	0.382	IO				2.26
41.500	0.00	0.24	0.377	IO				2.24
41.750	0.00	0.24	0.372	IO				2.21
42.000	0.00	0.24	0.367	IO				2.19
42.250	0.00	0.24	0.362	IO				2.16
42.500	0.00	0.24	0.357	IO				2.13
42.750	0.00	0.23	0.352	IO				2.11
43.000	0.00	0.23	0.347	IO				2.08
43.250	0.00	0.23	0.343	IO				2.06
43.500	0.00	0.23	0.338	IO				2.03
43.750	0.00	0.23	0.333	IO				2.01
44.000	0.00	0.23	0.328	IO				1.98
44.250	0.00	0.23	0.324	IO				1.96
44.500	0.00	0.22	0.319	IO				1.93
44.750	0.00	0.22	0.314	IO				1.91
45.000	0.00	0.22	0.310	IO				1.88
45.250	0.00	0.22	0.305	IO				1.86
45.500	0.00	0.22	0.301	IO				1.84
45.750	0.00	0.21	0.296	IO				1.81
46.000	0.00	0.21	0.292	IO				1.79
46.250	0.00	0.21	0.287	IO				1.77
46.500	0.00	0.21	0.283	IO				1.74
46.750	0.00	0.21	0.279	IO				1.72
47.000	0.00	0.21	0.274	IO				1.70

47.250	0.00	0.20	0.270	IO				1.67
47.500	0.00	0.20	0.266	IO				1.65
47.750	0.00	0.20	0.262	IO				1.63
48.000	0.00	0.20	0.258	IO				1.61
48.250	0.00	0.20	0.254	IO				1.59
48.500	0.00	0.20	0.250	IO				1.57
48.750	0.00	0.19	0.246	IO				1.55
49.000	0.00	0.19	0.242	IO				1.52
49.250	0.00	0.19	0.238	IO				1.50
49.500	0.00	0.19	0.234	IO				1.48
49.750	0.00	0.19	0.230	IO				1.46
50.000	0.00	0.19	0.226	IO				1.44
50.250	0.00	0.18	0.222	IO				1.42
50.500	0.00	0.18	0.218	IO				1.40
50.750	0.00	0.18	0.215	IO				1.38
51.000	0.00	0.18	0.211	IO				1.36
51.250	0.00	0.18	0.207	IO				1.34
51.500	0.00	0.18	0.204	IO				1.32
51.750	0.00	0.17	0.200	IO				1.31
52.000	0.00	0.17	0.196	IO				1.29
52.250	0.00	0.17	0.193	IO				1.27
52.500	0.00	0.17	0.189	IO				1.25
52.750	0.00	0.17	0.186	IO				1.23
53.000	0.00	0.17	0.182	IO				1.21
53.250	0.00	0.17	0.179	IO				1.19
53.500	0.00	0.16	0.176	O				1.18
53.750	0.00	0.16	0.172	O				1.16
54.000	0.00	0.16	0.169	O				1.14
54.250	0.00	0.16	0.165	O				1.12
54.500	0.00	0.16	0.162	O				1.11
54.750	0.00	0.16	0.159	O				1.09
55.000	0.00	0.16	0.156	O				1.07
55.250	0.00	0.15	0.153	O				1.06
55.500	0.00	0.15	0.149	O				1.04
55.750	0.00	0.15	0.146	O				1.02
56.000	0.00	0.15	0.143	O				1.01
56.250	0.00	0.15	0.140	O				0.99
56.500	0.00	0.15	0.137	O				0.97
56.750	0.00	0.15	0.134	O				0.96
57.000	0.00	0.14	0.131	O				0.94
57.250	0.00	0.14	0.128	O				0.93
57.500	0.00	0.14	0.125	O				0.91
57.750	0.00	0.14	0.122	O				0.90
58.000	0.00	0.14	0.119	O				0.88
58.250	0.00	0.14	0.116	O				0.87
58.500	0.00	0.14	0.114	O				0.85
58.750	0.00	0.13	0.111	O				0.84
59.000	0.00	0.13	0.108	O				0.82
59.250	0.00	0.13	0.105	O				0.81
59.500	0.00	0.13	0.103	O				0.79
59.750	0.00	0.13	0.100	O				0.78
60.000	0.00	0.13	0.097	O				0.77
60.250	0.00	0.13	0.095	O				0.75

60.500	0.00	0.12	0.092	O				0.74
60.750	0.00	0.12	0.090	O				0.72
61.000	0.00	0.12	0.087	O				0.71
61.250	0.00	0.12	0.085	O				0.70
61.500	0.00	0.12	0.082	O				0.69
61.750	0.00	0.12	0.080	O				0.67
62.000	0.00	0.12	0.077	O				0.66
62.250	0.00	0.11	0.075	O				0.65
62.500	0.00	0.11	0.073	O				0.63
62.750	0.00	0.11	0.070	O				0.62
63.000	0.00	0.11	0.068	O				0.61
63.250	0.00	0.11	0.066	O				0.60
63.500	0.00	0.11	0.063	O				0.59
63.750	0.00	0.11	0.061	O				0.57
64.000	0.00	0.11	0.059	O				0.56
64.250	0.00	0.11	0.057	O				0.55
64.500	0.00	0.10	0.055	O				0.54
64.750	0.00	0.10	0.053	O				0.53
65.000	0.00	0.10	0.050	O				0.52
65.250	0.00	0.10	0.048	O				0.51
65.500	0.00	0.10	0.046	O				0.49
65.750	0.00	0.09	0.044	O				0.47
66.000	0.00	0.09	0.042	O				0.45
66.250	0.00	0.09	0.041	O				0.43
66.500	0.00	0.08	0.039	O				0.41
66.750	0.00	0.08	0.037	O				0.39
67.000	0.00	0.08	0.036	O				0.38
67.250	0.00	0.07	0.034	O				0.36
67.500	0.00	0.07	0.033	O				0.35
67.750	0.00	0.07	0.031	O				0.33
68.000	0.00	0.06	0.030	O				0.32
68.250	0.00	0.06	0.029	O				0.30
68.500	0.00	0.06	0.027	O				0.29
68.750	0.00	0.06	0.026	O				0.28
69.000	0.00	0.05	0.025	O				0.27
69.250	0.00	0.05	0.024	O				0.25
69.500	0.00	0.05	0.023	O				0.24
69.750	0.00	0.05	0.022	O				0.23
70.000	0.00	0.04	0.021	O				0.22
70.250	0.00	0.04	0.020	O				0.21
70.500	0.00	0.04	0.019	O				0.20
70.750	0.00	0.04	0.018	O				0.20
71.000	0.00	0.04	0.018	O				0.19
71.250	0.00	0.04	0.017	O				0.18
71.500	0.00	0.03	0.016	O				0.17
71.750	0.00	0.03	0.015	O				0.16
72.000	0.00	0.03	0.015	O				0.16
72.250	0.00	0.03	0.014	O				0.15
72.500	0.00	0.03	0.014	O				0.14
72.750	0.00	0.03	0.013	O				0.14
73.000	0.00	0.03	0.012	O				0.13
73.250	0.00	0.03	0.012	O				0.13
73.500	0.00	0.02	0.011	O				0.12

73.750	0.00	0.02	0.011	O	|	|	|	0.12
74.000	0.00	0.02	0.010	O	|	|	|	0.11
74.250	0.00	0.02	0.010	O	|	|	|	0.11
74.500	0.00	0.02	0.009	O	|	|	|	0.10
74.750	0.00	0.02	0.009	O	|	|	|	0.10
75.000	0.00	0.02	0.009	O	|	|	|	0.09
75.250	0.00	0.02	0.008	O	|	|	|	0.09
75.500	0.00	0.02	0.008	O	|	|	|	0.08
75.750	0.00	0.02	0.008	O	|	|	|	0.08
76.000	0.00	0.02	0.007	O	|	|	|	0.08
76.250	0.00	0.01	0.007	O	|	|	|	0.07
76.500	0.00	0.01	0.007	O	|	|	|	0.07
76.750	0.00	0.01	0.006	O	|	|	|	0.07
77.000	0.00	0.01	0.006	O	|	|	|	0.07
77.250	0.00	0.01	0.006	O	|	|	|	0.06
77.500	0.00	0.01	0.006	O	|	|	|	0.06
77.750	0.00	0.01	0.005	O	|	|	|	0.06
78.000	0.00	0.01	0.005	O	|	|	|	0.05
78.250	0.00	0.01	0.005	O	|	|	|	0.05
78.500	0.00	0.01	0.005	O	|	|	|	0.05
78.750	0.00	0.01	0.004	O	|	|	|	0.05
79.000	0.00	0.01	0.004	O	|	|	|	0.05
79.250	0.00	0.01	0.004	O	|	|	|	0.04
79.500	0.00	0.01	0.004	O	|	|	|	0.04
79.750	0.00	0.01	0.004	O	|	|	|	0.04
80.000	0.00	0.01	0.004	O	|	|	|	0.04
80.250	0.00	0.01	0.003	O	|	|	|	0.04
80.500	0.00	0.01	0.003	O	|	|	|	0.04
80.750	0.00	0.01	0.003	O	|	|	|	0.03
81.000	0.00	0.01	0.003	O	|	|	|	0.03
81.250	0.00	0.01	0.003	O	|	|	|	0.03
81.500	0.00	0.01	0.003	O	|	|	|	0.03
81.750	0.00	0.01	0.003	O	|	|	|	0.03
82.000	0.00	0.01	0.003	O	|	|	|	0.03
82.250	0.00	0.01	0.002	O	|	|	|	0.03
82.500	0.00	0.00	0.002	O	|	|	|	0.02
82.750	0.00	0.00	0.002	O	|	|	|	0.02
83.000	0.00	0.00	0.002	O	|	|	|	0.02
83.250	0.00	0.00	0.002	O	|	|	|	0.02
83.500	0.00	0.00	0.002	O	|	|	|	0.02
83.750	0.00	0.00	0.002	O	|	|	|	0.02
84.000	0.00	0.00	0.002	O	|	|	|	0.02
84.250	0.00	0.00	0.002	O	|	|	|	0.02
84.500	0.00	0.00	0.002	O	|	|	|	0.02
84.750	0.00	0.00	0.002	O	|	|	|	0.02
85.000	0.00	0.00	0.001	O	|	|	|	0.02
85.250	0.00	0.00	0.001	O	|	|	|	0.02
85.500	0.00	0.00	0.001	O	|	|	|	0.01
85.750	0.00	0.00	0.001	O	|	|	|	0.01
86.000	0.00	0.00	0.001	O	|	|	|	0.01
86.250	0.00	0.00	0.001	O	|	|	|	0.01
86.500	0.00	0.00	0.001	O	|	|	|	0.01
86.750	0.00	0.00	0.001	O	|	|	|	0.01

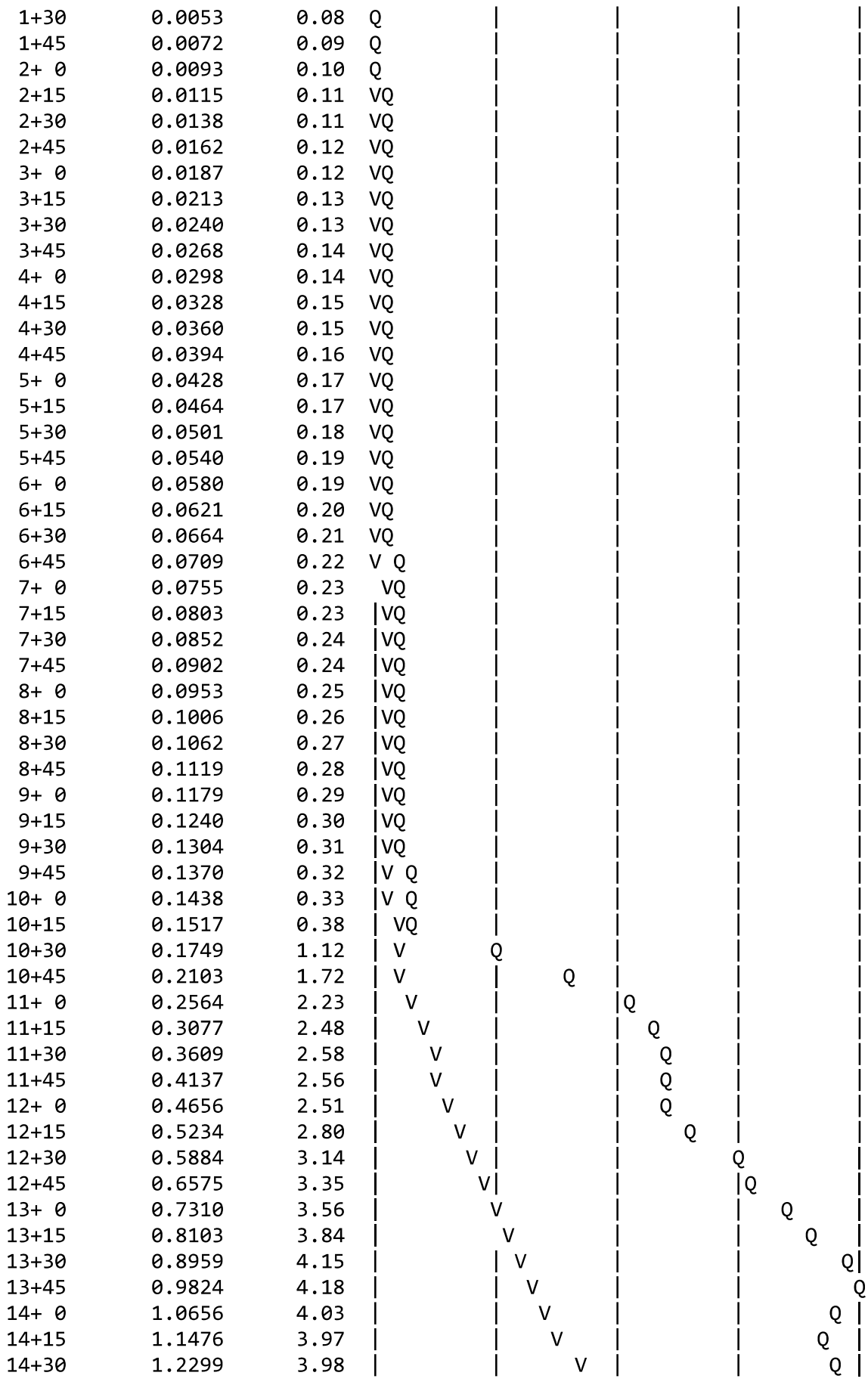
```
87.000    0.00    0.00      0.001  O       |       |       |       |     0.01
87.250    0.00    0.00      0.001  O       |       |       |       |     0.01
87.500    0.00    0.00      0.001  O       |       |       |       |     0.01
87.750    0.00    0.00      0.001  O       |       |       |       |     0.01
88.000    0.00    0.00      0.001  O       |       |       |       |     0.01
88.250    0.00    0.00      0.001  O       |       |       |       |     0.01
88.500    0.00    0.00      0.001  O       |       |       |       |     0.01
88.750    0.00    0.00      0.001  O       |       |       |       |     0.01
89.000    0.00    0.00      0.001  O       |       |       |       |     0.01
89.250    0.00    0.00      0.001  O       |       |       |       |     0.01
89.500    0.00    0.00      0.001  O       |       |       |       |     0.01
89.750    0.00    0.00      0.001  O       |       |       |       |     0.01
90.000    0.00    0.00      0.001  O       |       |       |       |     0.01
90.250    0.00    0.00      0.001  O       |       |       |       |     0.01
90.500    0.00    0.00      0.001  O       |       |       |       |     0.01
90.750    0.00    0.00      0.001  O       |       |       |       |     0.01
91.000    0.00    0.00      0.001  O       |       |       |       |     0.01
91.250    0.00    0.00      0.000  O       |       |       |       |     0.01
91.500    0.00    0.00      0.000  O       |       |       |       |     0.01
91.750    0.00    0.00      0.000  O       |       |       |       |     0.00

      ****************************HYDROGRAPH DATA****************************
                  Number of intervals =   367
                  Time interval =   15.0 (Min.)
                  Maximum/Peak flow rate =        4.183 (CFS)
                  Total volume =       2.878 (Ac.Ft)
           Status of hydrographs being held in storage
                     Stream 1  Stream 2  Stream 3  Stream 4  Stream 5
           Peak (CFS)      0.000     0.000     0.000     0.000     0.000
           Vol (Ac.Ft)      0.000     0.000     0.000     0.000     0.000
      ************************************************************************

      ------------------------------------------------------------------


      ++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
      Process from Point/Station        1.000 to Point/Station        2.000
      **** PRINT CURRENT HYDROGRAPH ****
      ______________________________________________________________________
      ++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
                       P R I N T  O F  S T O R M
                    R u n o f f     H y d r o g r a p h
      ----------------------------------------------------------------------
                  Hydrograph in  15   Minute intervals (CFS)

      ----------------------------------------------------------------------
Time(h+m) Volume(Ac.Ft)   Q(CFS)  0        1.0       2.1       3.1       4.2
----------------------------------------------------------------------------
  0+15       0.0001      0.01  Q         |         |         |         |
  0+30       0.0005      0.02  Q         |         |         |         |
  0+45       0.0012      0.03  Q         |         |         |         |
  1+ 0       0.0022      0.05  Q         |         |         |         |
  1+15       0.0036      0.07  Q         |         |         |         |
```



14+45	1.3121	3.98	|	|	V |	|	Q |
15+ 0	1.3939	3.96	|	|	V|	|	Q |
15+15	1.4745	3.90	|	|	V |	|	Q |
15+30	1.5536	3.83	|	|	V |	|	Q |
15+45	1.6296	3.68	|	|	| V |	|	Q |
16+ 0	1.7017	3.49	|	|	| V |	Q |	|
16+15	1.7656	3.09	|	|	| V Q|	|	|
16+30	1.8061	1.96	|	|	Q | V |	|	|
16+45	1.8322	1.26	|	Q |	| V |	|	|
17+ 0	1.8498	0.85	|	Q |	| V |	|	|
17+15	1.8641	0.69	|	Q |	| V |	|	|
17+30	1.8777	0.66	|	Q |	| V |	|	|
17+45	1.8909	0.64	|	Q |	| V |	|	|
18+ 0	1.9034	0.60	|	Q |	| V |	|	|
18+15	1.9148	0.55	|	Q |	| V |	|	|
18+30	1.9257	0.53	|	Q |	| V |	|	|
18+45	1.9357	0.48	|	Q |	| V |	|	|
19+ 0	1.9441	0.40	|	Q |	| V |	|	|
19+15	1.9515	0.36	|	Q |	| V |	|	|
19+30	1.9597	0.39	|	Q |	| V |	|	|
19+45	1.9682	0.41	|	Q |	| V |	|	|
20+ 0	1.9758	0.37	|	Q |	| V |	|	|
20+15	1.9828	0.34	|	Q |	| V |	|	|
20+30	1.9901	0.35	|	Q |	| V |	|	|
20+45	1.9976	0.36	|	Q |	| V |	|	|
21+ 0	2.0046	0.34	|	Q |	| V |	|	|
21+15	2.0116	0.34	|	Q |	| V |	|	|
21+30	2.0187	0.34	|	Q |	| V |	|	|
21+45	2.0257	0.34	|	Q |	| V |	|	|
22+ 0	2.0327	0.34	|	Q |	| V |	|	|
22+15	2.0397	0.34	|	Q |	| V |	|	|
22+30	2.0467	0.34	|	Q |	| V |	|	|
22+45	2.0537	0.34	|	Q |	| V |	|	|
23+ 0	2.0607	0.34	|	Q |	| V |	|	|
23+15	2.0677	0.34	|	Q |	| V |	|	|
23+30	2.0747	0.34	|	Q |	| V |	|	|
23+45	2.0816	0.34	|	Q |	| V |	|	|
24+ 0	2.0886	0.34	|	Q |	| V|	|	|

**********HYDROGRAPH DATA**********

Number of intervals = 367
Time interval = 15.0 (Min.)
Maximum/Peak flow rate = 4.183 (CFS)
Total volume = 2.878 (Ac.Ft)

Status of hydrographs being held in storage

	Stream 1	Stream 2	Stream 3	Stream 4	Stream 5
Peak (CFS)	0.000	0.000	0.000	0.000	0.000
Vol (Ac.Ft)	0.000	0.000	0.000	0.000	0.000

****

```
++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station        3.000 to Point/Station        4.000
**** STREAM ROUTING SCS CONVEX METHOD ****
----------------------------------------------------------------------
HYDROGRAPH STREAM ROUTING DATA:
Length of stream =    290.00 (Ft.)
Elevation difference =    1.17 (Ft.)
Slope of channel =  0.004034 (Vert/Horiz)
Channel type - Pipe


Pipe length  =   290.00(Ft.)   Elevation difference =   1.17(Ft.)
Manning's N = 0.013   No. of pipes = 1
Pipe evaluation using mean flow rate of hydrograph
Required pipe flow  =     1.315(CFS)
Given pipe size =     24.00(In.)
Calculated individual pipe flow  =     1.315(CFS)
Normal flow depth in pipe =    4.90(In.)
Flow top width inside pipe =   19.35(In.)
Critical depth could not be calculated.
Pipe flow velocity =      2.85(Ft/s)
Travel time through pipe =    1.70 min.


Pipe length  =   290.00(Ft.)   Elevation difference =   1.17(Ft.)
Manning's N = 0.013   No. of pipes = 1
Pipe evaluation using maximum flow rate of hydrograph
Required pipe flow  =     4.183(CFS)
Given pipe size =     24.00(In.)
Calculated individual pipe flow  =     4.183(CFS)
Normal flow depth in pipe =    8.87(In.)
Flow top width inside pipe =   23.17(In.)
Critical Depth =    0.72(Ft.)
Pipe flow velocity =      3.97(Ft/s)
Travel time through pipe =    1.22 min.

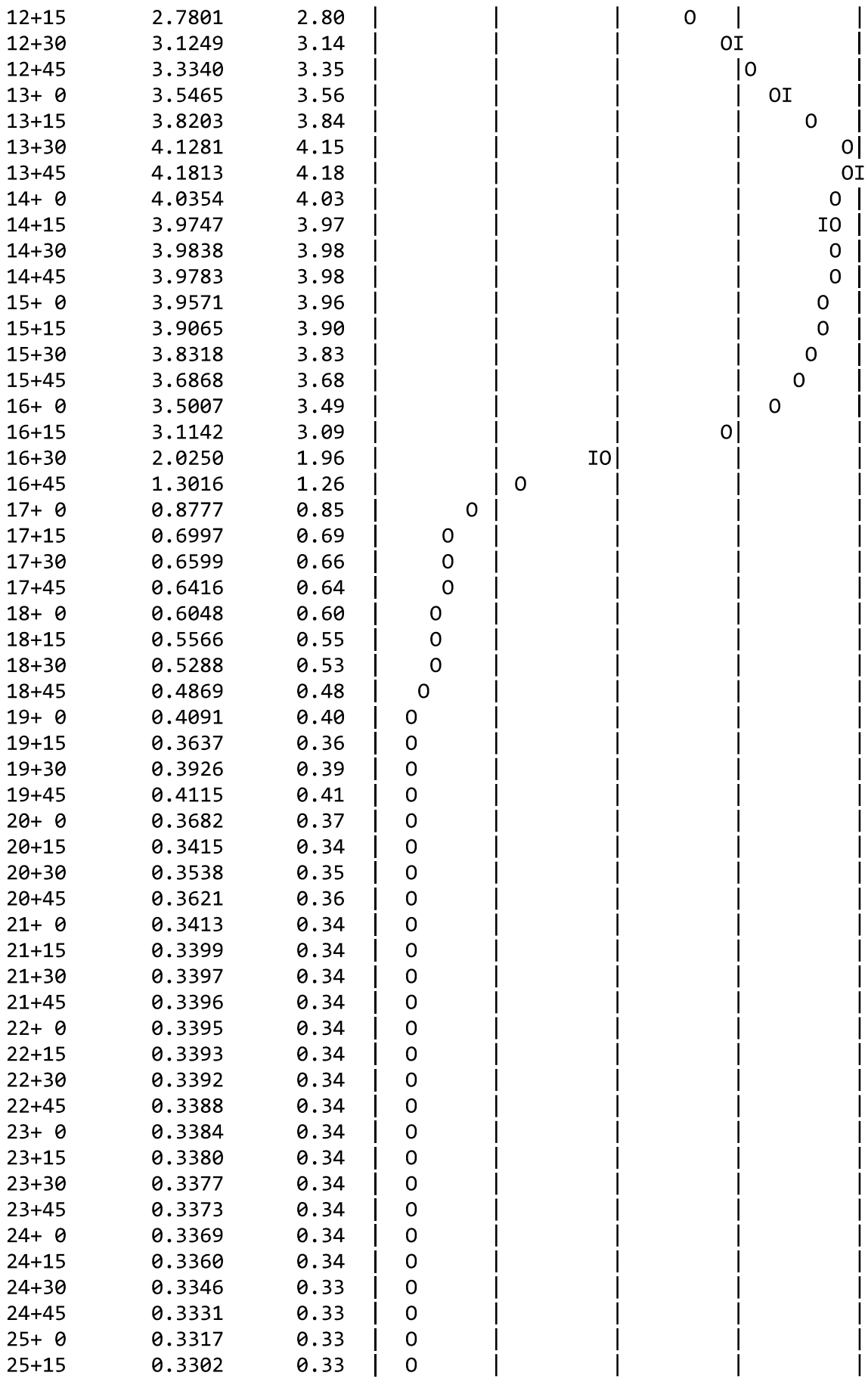

********************** SCS CONVEX CHANNEL ROUTING ********************
Convex method of stream routing  data items:
Using equation: Outflow =
O(t+dt) = (1-c*)O(t+dt-dt*) + Input(c*)
          where c* = 1 - (1-c)^e and dt = c(length)/velocity
          c(v/v+1.7) =   0.7000   Travel time =   1.22 (min.)
        dt*(unit time interval) =  15.00(min.),  e=  12.0559
        dt(routing time-step) =   0.85 (min.),   c* =   1.0000

Output hydrograph delayed by 0  unit time increments


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
                P R I N T  O F  S T O R M
             R u n o f f     H y d r o g r a p h
----------------------------------------------------------------------
```

Hydrograph in 15 Minute intervals (CFS)

Time(h+m)	Out = O(CFS)	In = I	0	1.0	2.1	3.1	4.2
0+15	0.0050	0.01	O				
0+30	0.0177	0.02	O				
0+45	0.0328	0.03	O				
1+ 0	0.0499	0.05	O				
1+15	0.0664	0.07	O				
1+30	0.0797	0.08	O				
1+45	0.0922	0.09	O				
2+ 0	0.1014	0.10	O				
2+15	0.1059	0.11	O				
2+30	0.1102	0.11	O				
2+45	0.1150	0.12	O				
3+ 0	0.1204	0.12	O				
3+15	0.1258	0.13	O				
3+30	0.1311	0.13	O				
3+45	0.1364	0.14	O				
4+ 0	0.1423	0.14	O				
4+15	0.1487	0.15	O				
4+30	0.1546	0.15	O				
4+45	0.1608	0.16	O				
5+ 0	0.1674	0.17	O				
5+15	0.1735	0.17	O				
5+30	0.1790	0.18	O				
5+45	0.1855	0.19	O				
6+ 0	0.1924	0.19	O				
6+15	0.1998	0.20	O				
6+30	0.2077	0.21	O				
6+45	0.2161	0.22	O				
7+ 0	0.2250	0.23	O				
7+15	0.2318	0.23	O				
7+30	0.2366	0.24	O				
7+45	0.2418	0.24	O				
8+ 0	0.2475	0.25	O				
8+15	0.2561	0.26	O				
8+30	0.2669	0.27	O				
8+45	0.2783	0.28	O				
9+ 0	0.2871	0.29	O				
9+15	0.2965	0.30	O				
9+30	0.3069	0.31	O				
9+45	0.3181	0.32	O				
10+ 0	0.3300	0.33	O				
10+15	0.3805	0.38	O				
10+30	1.0786	1.12		O			
10+45	1.6816	1.72		O			
11+ 0	2.2037	2.23			O		
11+15	2.4649	2.48			O		
11+30	2.5716	2.58			O		
11+45	2.5583	2.56			O		
12+ 0	2.5139	2.51			O		



25+30	0.3288	0.33	O				
25+45	0.3274	0.33	O				
26+ 0	0.3259	0.33	O				
26+15	0.3245	0.32	O				
26+30	0.3231	0.32	O				
26+45	0.3217	0.32	O				
27+ 0	0.3203	0.32	O				
27+15	0.3189	0.32	O				
27+30	0.3175	0.32	O				
27+45	0.3162	0.32	O				
28+ 0	0.3148	0.31	O				
28+15	0.3134	0.31	O				
28+30	0.3121	0.31	O				
28+45	0.3107	0.31	O				
29+ 0	0.3094	0.31	O				
29+15	0.3080	0.31	O				
29+30	0.3067	0.31	O				
29+45	0.3054	0.31	O				
30+ 0	0.3040	0.30	O				
30+15	0.3027	0.30	O				
30+30	0.3014	0.30	O				
30+45	0.3001	0.30	O				
31+ 0	0.2988	0.30	O				
31+15	0.2975	0.30	O				
31+30	0.2962	0.30	O				
31+45	0.2949	0.29	O				
32+ 0	0.2936	0.29	O				
32+15	0.2924	0.29	O				
32+30	0.2911	0.29	O				
32+45	0.2898	0.29	O				
33+ 0	0.2886	0.29	O				
33+15	0.2873	0.29	O				
33+30	0.2861	0.29	O				
33+45	0.2848	0.28	O				
34+ 0	0.2836	0.28	O				
34+15	0.2824	0.28	O				
34+30	0.2811	0.28	O				
34+45	0.2798	0.28	O				
35+ 0	0.2780	0.28	O				
35+15	0.2762	0.28	O				
35+30	0.2744	0.27	O				
35+45	0.2727	0.27	O				
36+ 0	0.2709	0.27	O				
36+15	0.2691	0.27	O				
36+30	0.2674	0.27	O				
36+45	0.2656	0.27	O				
37+ 0	0.2639	0.26	O				
37+15	0.2622	0.26	O				
37+30	0.2605	0.26	O				
37+45	0.2588	0.26	O				
38+ 0	0.2571	0.26	O				
38+15	0.2554	0.26	O				
38+30	0.2538	0.25	O				

38+45	0.2521	0.25	O				
39+ 0	0.2505	0.25	O				
39+15	0.2492	0.25	O				
39+30	0.2481	0.25	O				
39+45	0.2470	0.25	O				
40+ 0	0.2460	0.25	O				
40+15	0.2449	0.24	O				
40+30	0.2438	0.24	O				
40+45	0.2427	0.24	O				
41+ 0	0.2417	0.24	O				
41+15	0.2406	0.24	O				
41+30	0.2396	0.24	O				
41+45	0.2385	0.24	O				
42+ 0	0.2375	0.24	O				
42+15	0.2364	0.24	O				
42+30	0.2354	0.24	O				
42+45	0.2344	0.23	O				
43+ 0	0.2333	0.23	O				
43+15	0.2323	0.23	O				
43+30	0.2313	0.23	O				
43+45	0.2303	0.23	O				
44+ 0	0.2285	0.23	O				
44+15	0.2266	0.23	O				
44+30	0.2246	0.22	O				
44+45	0.2226	0.22	O				
45+ 0	0.2207	0.22	O				
45+15	0.2188	0.22	O				
45+30	0.2169	0.22	O				
45+45	0.2150	0.21	O				
46+ 0	0.2132	0.21	O				
46+15	0.2113	0.21	O				
46+30	0.2095	0.21	O				
46+45	0.2077	0.21	O				
47+ 0	0.2059	0.21	O				
47+15	0.2041	0.20	O				
47+30	0.2023	0.20	O				
47+45	0.2006	0.20	O				
48+ 0	0.1988	0.20	O				
48+15	0.1971	0.20	O				
48+30	0.1954	0.20	O				
48+45	0.1937	0.19	O				
49+ 0	0.1920	0.19	O				
49+15	0.1904	0.19	O				
49+30	0.1887	0.19	O				
49+45	0.1871	0.19	O				
50+ 0	0.1855	0.19	O				
50+15	0.1839	0.18	O				
50+30	0.1823	0.18	O				
50+45	0.1807	0.18	O				
51+ 0	0.1791	0.18	O				
51+15	0.1776	0.18	O				
51+30	0.1760	0.18	O				
51+45	0.1745	0.17	O				

52+ 0	0.1730	0.17	O				
52+15	0.1715	0.17	O				
52+30	0.1700	0.17	O				
52+45	0.1685	0.17	O				
53+ 0	0.1671	0.17	O				
53+15	0.1656	0.17	O				
53+30	0.1642	0.16	O				
53+45	0.1628	0.16	O				
54+ 0	0.1614	0.16	O				
54+15	0.1600	0.16	O				
54+30	0.1586	0.16	O				
54+45	0.1572	0.16	O				
55+ 0	0.1559	0.16	O				
55+15	0.1545	0.15	O				
55+30	0.1532	0.15	O				
55+45	0.1518	0.15	O				
56+ 0	0.1505	0.15	O				
56+15	0.1490	0.15	O				
56+30	0.1474	0.15	O				
56+45	0.1458	0.15	O				
57+ 0	0.1442	0.14	O				
57+15	0.1427	0.14	O				
57+30	0.1411	0.14	O				
57+45	0.1396	0.14	O				
58+ 0	0.1381	0.14	O				
58+15	0.1366	0.14	O				
58+30	0.1351	0.14	O				
58+45	0.1337	0.13	O				
59+ 0	0.1322	0.13	O				
59+15	0.1308	0.13	O				
59+30	0.1294	0.13	O				
59+45	0.1280	0.13	O				
60+ 0	0.1266	0.13	O				
60+15	0.1252	0.13	O				
60+30	0.1239	0.12	O				
60+45	0.1225	0.12	O				
61+ 0	0.1212	0.12	O				
61+15	0.1199	0.12	O				
61+30	0.1186	0.12	O				
61+45	0.1173	0.12	O				
62+ 0	0.1160	0.12	O				
62+15	0.1148	0.11	O				
62+30	0.1136	0.11	O				
62+45	0.1123	0.11	O				
63+ 0	0.1111	0.11	O				
63+15	0.1099	0.11	O				
63+30	0.1087	0.11	O				
63+45	0.1075	0.11	O				
64+ 0	0.1064	0.11	O				
64+15	0.1052	0.11	O				
64+30	0.1041	0.10	O				
64+45	0.1030	0.10	O				
65+ 0	0.1019	0.10	O				

65+15	0.1007	0.10	O				
65+30	0.0985	0.10	O				
65+45	0.0944	0.09	O				
66+ 0	0.0903	0.09	O				
66+15	0.0865	0.09	O				
66+30	0.0827	0.08	O				
66+45	0.0792	0.08	O				
67+ 0	0.0758	0.08	O				
67+15	0.0725	0.07	O				
67+30	0.0694	0.07	O				
67+45	0.0664	0.07	O				
68+ 0	0.0636	0.06	O				
68+15	0.0608	0.06	O				
68+30	0.0582	0.06	O				
68+45	0.0557	0.06	O				
69+ 0	0.0533	0.05	O				
69+15	0.0510	0.05	O				
69+30	0.0488	0.05	O				
69+45	0.0467	0.05	O				
70+ 0	0.0447	0.04	O				
70+15	0.0428	0.04	O				
70+30	0.0409	0.04	O				
70+45	0.0392	0.04	O				
71+ 0	0.0375	0.04	O				
71+15	0.0359	0.04	O				
71+30	0.0343	0.03	O				
71+45	0.0329	0.03	O				
72+ 0	0.0315	0.03	O				
72+15	0.0301	0.03	O				
72+30	0.0288	0.03	O				
72+45	0.0276	0.03	O				
73+ 0	0.0264	0.03	O				
73+15	0.0252	0.03	O				
73+30	0.0242	0.02	O				
73+45	0.0231	0.02	O				
74+ 0	0.0221	0.02	O				
74+15	0.0212	0.02	O				
74+30	0.0203	0.02	O				
74+45	0.0194	0.02	O				
75+ 0	0.0186	0.02	O				
75+15	0.0178	0.02	O				
75+30	0.0170	0.02	O				
75+45	0.0163	0.02	O				
76+ 0	0.0156	0.02	O				
76+15	0.0149	0.01	O				
76+30	0.0143	0.01	O				
76+45	0.0136	0.01	O				
77+ 0	0.0131	0.01	O				
77+15	0.0125	0.01	O				
77+30	0.0120	0.01	O				
77+45	0.0114	0.01	O				
78+ 0	0.0109	0.01	O				
78+15	0.0105	0.01	O				

78+30	0.0100	0.01	O				
78+45	0.0096	0.01	O				
79+ 0	0.0092	0.01	O				
79+15	0.0088	0.01	O				
79+30	0.0084	0.01	O				
79+45	0.0080	0.01	O				
80+ 0	0.0077	0.01	O				
80+15	0.0074	0.01	O				
80+30	0.0071	0.01	O				
80+45	0.0068	0.01	O				
81+ 0	0.0065	0.01	O				
81+15	0.0062	0.01	O				
81+30	0.0059	0.01	O				
81+45	0.0057	0.01	O				
82+ 0	0.0054	0.01	O				
82+15	0.0052	0.01	O				
82+30	0.0050	0.00	O				
82+45	0.0047	0.00	O				
83+ 0	0.0045	0.00	O				
83+15	0.0043	0.00	O				
83+30	0.0042	0.00	O				
83+45	0.0040	0.00	O				
84+ 0	0.0038	0.00	O				
84+15	0.0036	0.00	O				
84+30	0.0035	0.00	O				
84+45	0.0033	0.00	O				
85+ 0	0.0032	0.00	O				
85+15	0.0031	0.00	O				
85+30	0.0029	0.00	O				
85+45	0.0028	0.00	O				
86+ 0	0.0027	0.00	O				
86+15	0.0026	0.00	O				
86+30	0.0025	0.00	O				
86+45	0.0023	0.00	O				
87+ 0	0.0022	0.00	O				
87+15	0.0022	0.00	O				
87+30	0.0021	0.00	O				
87+45	0.0020	0.00	O				
88+ 0	0.0019	0.00	O				
88+15	0.0018	0.00	O				
88+30	0.0017	0.00	O				
88+45	0.0017	0.00	O				
89+ 0	0.0016	0.00	O				
89+15	0.0015	0.00	O				
89+30	0.0014	0.00	O				
89+45	0.0014	0.00	O				
90+ 0	0.0013	0.00	O				
90+15	0.0013	0.00	O				
90+30	0.0012	0.00	O				
90+45	0.0012	0.00	O				
91+ 0	0.0011	0.00	O				
91+15	0.0011	0.00	O				
91+30	0.0010	0.00	O				

```
   91+45       0.0010      0.00  O         |         |         |         |
   92+ 0       0.0000      0.00  O         |         |         |         |
----------------------------------------------------------------------------
        ***************************HYDROGRAPH DATA***************************
                        Number of intervals =   368
                        Time interval =   15.0 (Min.)
                        Maximum/Peak flow rate =        4.181 (CFS)
                        Total volume =       2.878 (Ac.FT)
                 Status of hydrographs being held in storage
                           Stream 1  Stream 2  Stream 3  Stream 4  Stream 5
                 Peak (CFS)      0.000     0.000     0.000     0.000     0.000
                 Vol (Ac.Ft)      0.000     0.000     0.000     0.000     0.000
        ****************************************************************************

        ----------------------------------------------------------------------
```

Appendix 5

USDA Soil Report

United States Department of Agriculture

NRCS

Natural Resources Conservation Service

A product of the National Cooperative Soil Survey, a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local participants

Custom Soil Resource Report for Western Riverside Area, California

Independence at Canyon Springs



March 17, 2025

Preface

Soil surveys contain information that affects land use planning in survey areas. They highlight soil limitations that affect various land uses and provide information about the properties of the soils in the survey areas. Soil surveys are designed for many different users, including farmers, ranchers, foresters, agronomists, urban planners, community officials, engineers, developers, builders, and home buyers. Also, conservationists, teachers, students, and specialists in recreation, waste disposal, and pollution control can use the surveys to help them understand, protect, or enhance the environment.

Various land use regulations of Federal, State, and local governments may impose special restrictions on land use or land treatment. Soil surveys identify soil properties that are used in making various land use or land treatment decisions. The information is intended to help the land users identify and reduce the effects of soil limitations on various land uses. The landowner or user is responsible for identifying and complying with existing laws and regulations.

Although soil survey information can be used for general farm, local, and wider area planning, onsite investigation is needed to supplement this information in some cases. Examples include soil quality assessments (http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/health/) and certain conservation and engineering applications. For more detailed information, contact your local USDA Service Center (https://offices.sc.egov.usda.gov/locator/app?agency=nrcs) or your NRCS State Soil Scientist (http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/?cid=nrcs142p2_053951).

Great differences in soil properties can occur within short distances. Some soils are seasonally wet or subject to flooding. Some are too unstable to be used as a foundation for buildings or roads. Clayey or wet soils are poorly suited to use as septic tank absorption fields. A high water table makes a soil poorly suited to basements or underground installations.

The National Cooperative Soil Survey is a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local agencies. The Natural Resources Conservation Service (NRCS) has leadership for the Federal part of the National Cooperative Soil Survey.

Information about soils is updated periodically. Updated information is available through the NRCS Web Soil Survey, the site for official soil survey information.

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or a part of an individual's income is derived from any public assistance program. (Not all prohibited bases apply to all programs.) Persons with disabilities who require

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Soil Map

The soil map section includes the soil map for the defined area of interest, a list of soil map units on the map and extent of each map unit, and cartographic symbols displayed on the map. Also presented are various metadata about data used to produce the map, and a description of each soil map unit.

Custom Soil Resource Report
Soil Map



Map Scale: 1:1,380 if printed on A portrait (8.5" x 11") sheet.

N

Meters: 0 20 40 80 120

Feet: 0 50 100 200 300

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 11N WGS84

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:15,800.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Western Riverside Area, California
Survey Area Data: Version 17, Aug 30, 2024

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Mar 14, 2022—Mar 17, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
CkF2	Cieneba rocky sandy loam, 15 to 50 percent slopes, eroded	0.6	6.4%
MmD2	Monserate sandy loam, 8 to 15 percent slopes, eroded	8.5	93.6%
Totals for Area of Interest		**9.1**	**100.0%**

Map Unit Descriptions

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however,

onsite investigation is needed to define and locate the soils and miscellaneous areas.

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An *association* is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

Western Riverside Area, California

CkF2—Cieneba rocky sandy loam, 15 to 50 percent slopes, eroded

Map Unit Setting

National map unit symbol: hcsf
Elevation: 500 to 4,000 feet
Mean annual precipitation: 12 to 35 inches
Mean annual air temperature: 57 to 64 degrees F
Frost-free period: 200 to 300 days
Farmland classification: Not prime farmland

Map Unit Composition

Cieneba and similar soils: 75 percent
Minor components: 25 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Cieneba

Setting

Landform: Hills
Landform position (two-dimensional): Backslope
Landform position (three-dimensional): Side slope
Down-slope shape: Concave
Across-slope shape: Convex
Parent material: Residuum weathered from igneous rock

Typical profile

H1 - 0 to 14 inches: sandy loam
H2 - 14 to 22 inches: weathered bedrock

Properties and qualities

Slope: 15 to 50 percent
Depth to restrictive feature: 14 to 22 inches to paralithic bedrock
Drainage class: Somewhat excessively drained
Runoff class: Medium
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Available water supply, 0 to 60 inches: Very low (about 1.4 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: D
Ecological site: R019XD060CA - SHALLOW LOAMY
Hydric soil rating: No

Minor Components

Rock outcrop

Percent of map unit: 10 percent
Hydric soil rating: No

Vista
Percent of map unit: 3 percent
Hydric soil rating: No

Fallbrook
Percent of map unit: 3 percent
Hydric soil rating: No

Friant
Percent of map unit: 3 percent
Hydric soil rating: No

Escondido
Percent of map unit: 3 percent
Hydric soil rating: No

Unnamed
Percent of map unit: 3 percent
Hydric soil rating: No

MmD2—Monserate sandy loam, 8 to 15 percent slopes, eroded

Map Unit Setting
National map unit symbol: hcx6
Elevation: 700 to 2,500 feet
Mean annual precipitation: 10 to 18 inches
Mean annual air temperature: 63 to 64 degrees F
Frost-free period: 220 to 280 days
Farmland classification: Farmland of statewide importance

Map Unit Composition
Monserate and similar soils: 85 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Monserate

Setting
Landform: Alluvial fans
Landform position (three-dimensional): Tread
Down-slope shape: Concave
Across-slope shape: Linear
Parent material: Alluvium derived from granite

Typical profile
H1 - 0 to 10 inches: sandy loam
H2 - 10 to 28 inches: sandy clay loam
H3 - 28 to 45 inches: indurated
H4 - 45 to 57 inches: cemented
H5 - 57 to 70 inches: loamy coarse sand

Properties and qualities

Slope: 8 to 15 percent
Depth to restrictive feature: 20 to 39 inches to duripan
Drainage class: Well drained
Runoff class: High
Capacity of the most limiting layer to transmit water (Ksat): Very low (0.00 to 0.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Available water supply, 0 to 60 inches: Low (about 4.1 inches)

Interpretive groups

Land capability classification (irrigated): 4e
Land capability classification (nonirrigated): 4e
Hydrologic Soil Group: C
Ecological site: R019XD029CA - LOAMY
Hydric soil rating: No

Minor Components

Tujunga

Percent of map unit: 5 percent
Hydric soil rating: No

Hanford

Percent of map unit: 5 percent
Hydric soil rating: No

Greenfield

Percent of map unit: 5 percent
Hydric soil rating: No

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Appendix 6

FEMA Flood Zone Hazard Map

National Flood Hazard Layer FIRMette

FEMA



Basemap Imagery Source: USGS National Map 2023

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 / 17.5 Cross Sections with 1% Annual Chance Water Surface Elevation
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

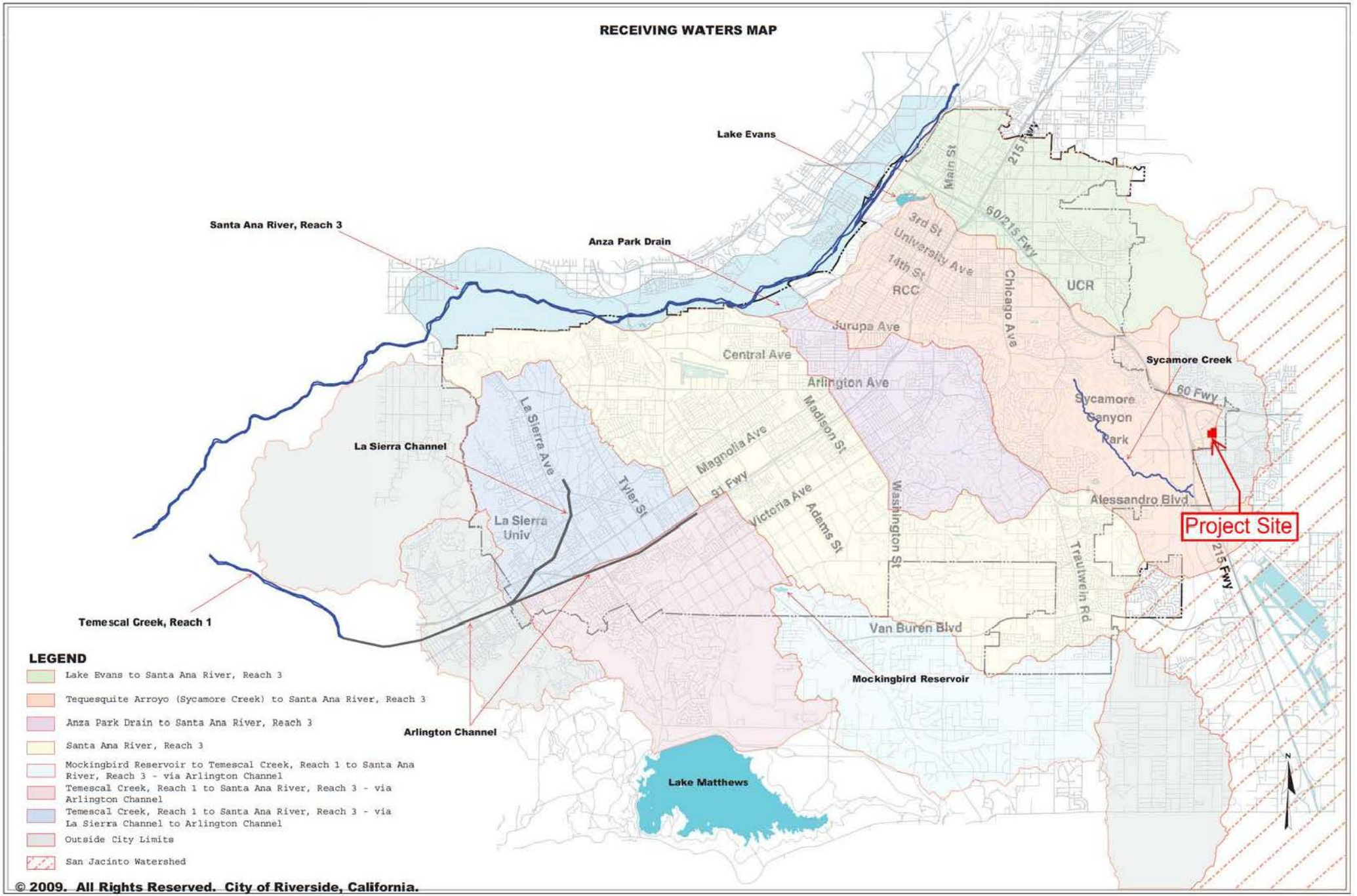
This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 3/17/2025 at 7:44 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

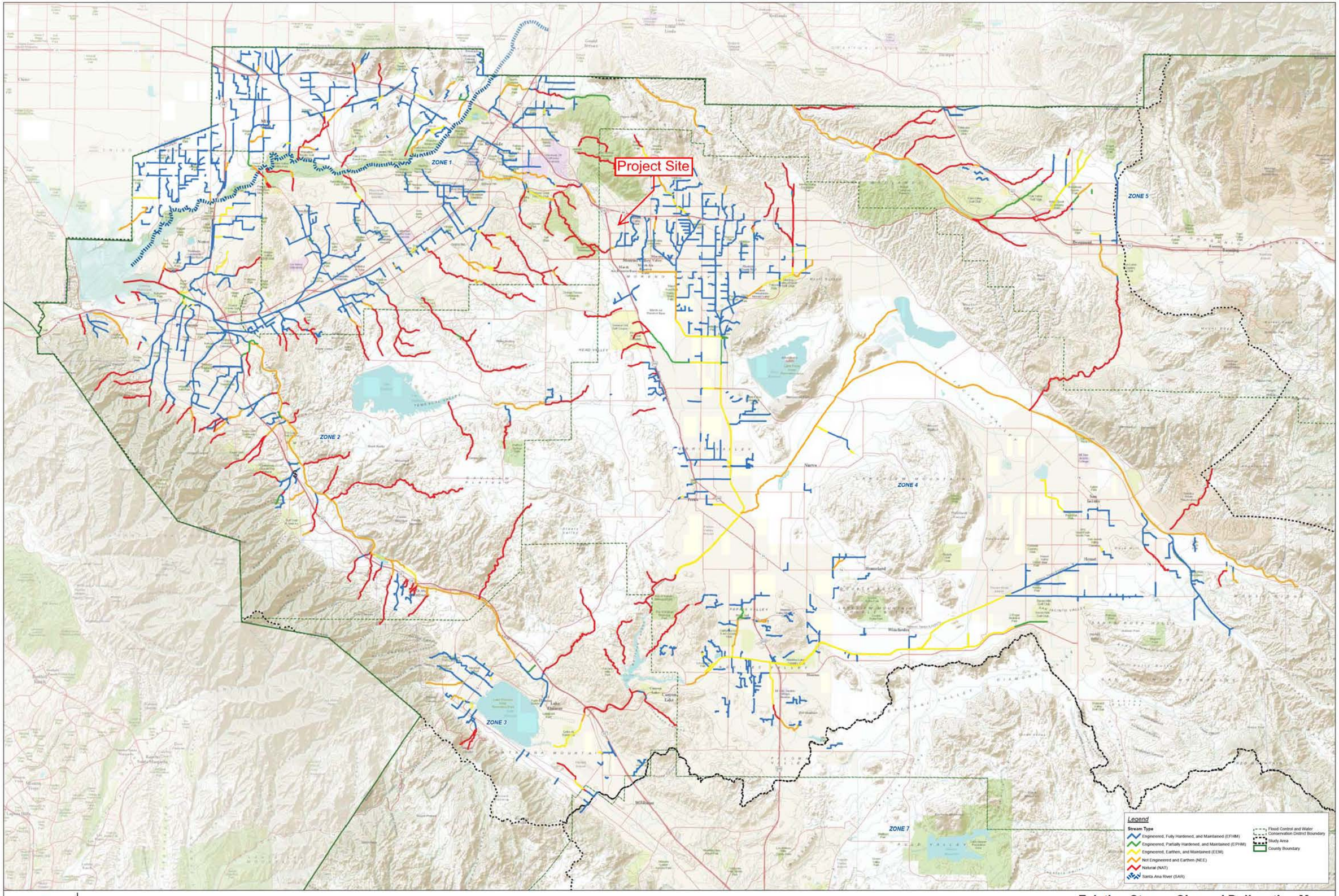
This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

Appendix 7

Receiving Waters and Existing Stream Channel Delineation Maps



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Existing Stream Channel Delineation Map

Hydromodification Susceptibility Documentation Report and Mapping
Riverside County Flood Control and Water Conservation District

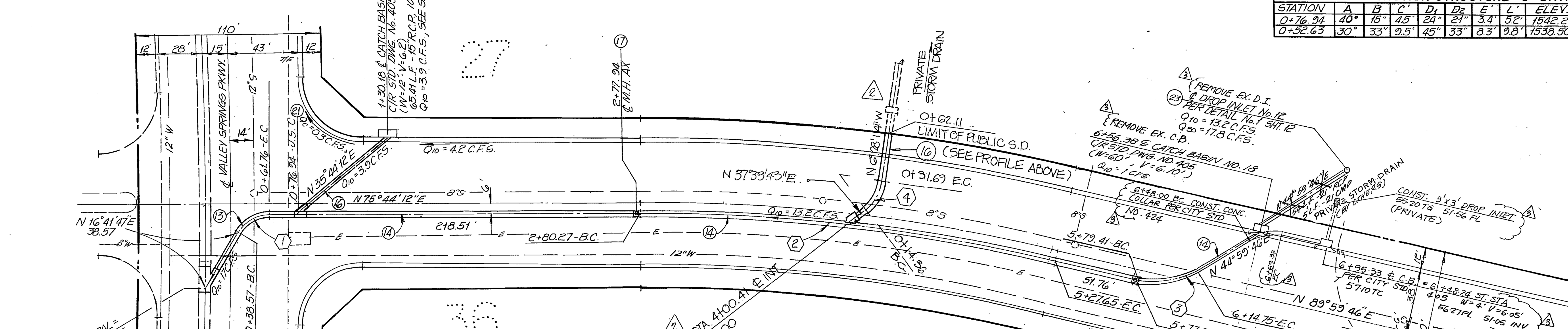
Map 1

Appendix 8

Local Storm Drain As-built Plans



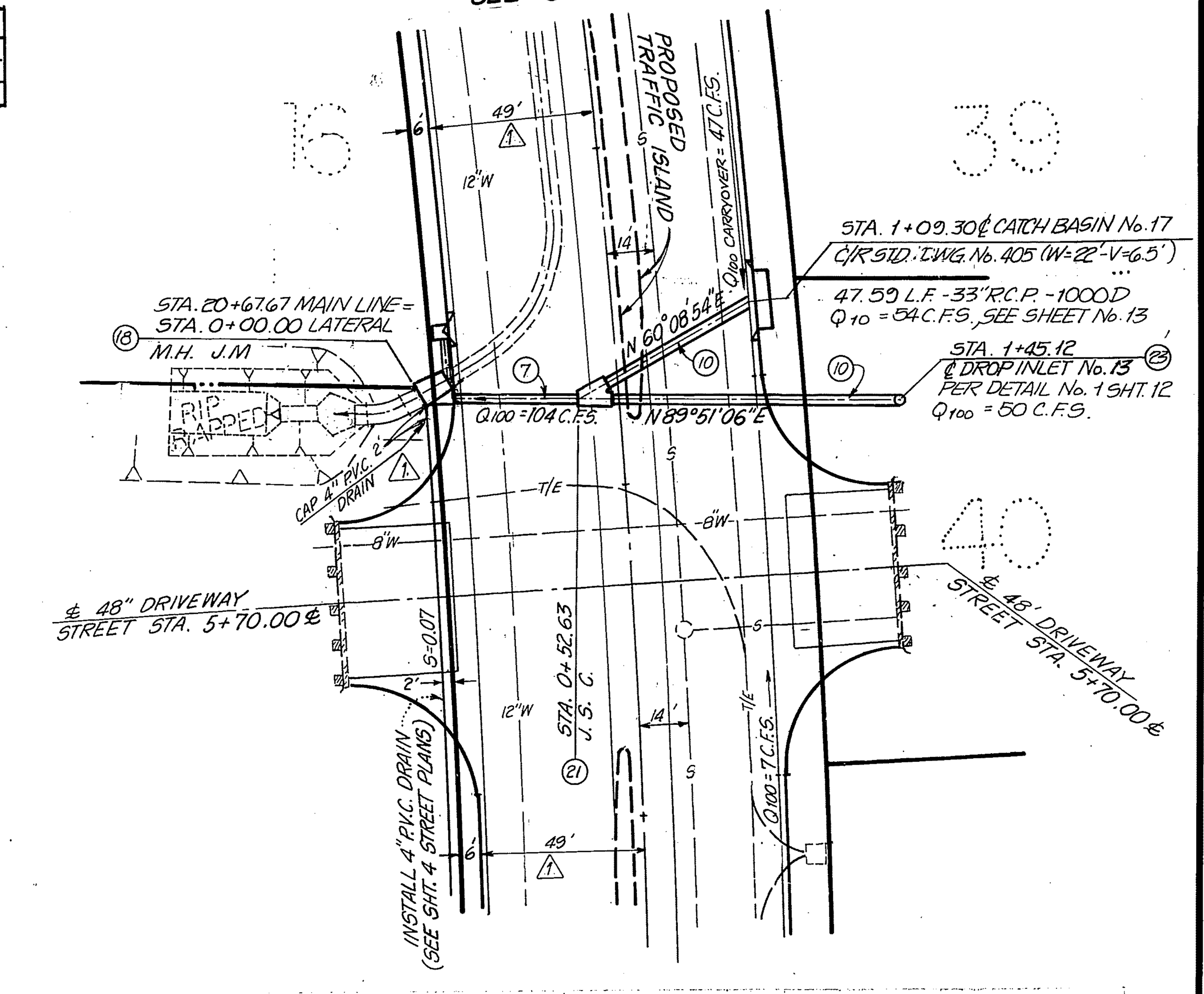
PLAN
SCALE: 1"=40'



J.S. "B"/STD. 421
Δ = 45°00'00"
B = 15.00"
C' = 3.35'
D = 21"
E' = 2.7'
L = 2.8'
EL."R" = 1546.30
EL."S" = 1546.29

JUNCTION STRUCTURE "C" DATA									
STATION	A	B	C'	D_1	D_2	E'	L'	ELEV."R"	ELEV."S"
0+76.94	40°	15"	4.5'	24"	21"	3.4'	5.2'	1542.20	1542.17
0+52.63	30°	33"	9.5'	45"	33"	8.3'	9.8'	1538.50	1538.59

VALLEY SPRINGS PARKWAY
SEE SHEET № 8



VALLEY SPRINGS PARKWAY

CONSTRUCTION NOTES

(7) CONSTRUCT 45" R.C.P. - 1000 D STORM DRAIN
(10) CONSTRUCT 33" R.C.P. - 1000 D STORM DRAIN
(13) CONSTRUCT 24" R.C.P. - 1000 D STORM DRAIN
(14) CONSTRUCT 21" R.C.P. - 1000 D STORM DRAIN
(16) CONSTRUCT 15" R.C.P. - 1000 D STORM DRAIN
(17) CONSTRUCT M.H. AX PER CITY of RIVERSIDE STD. DWG. No. 430
(18) CONSTRUCT M.H. JM PER CITY of RIVERSIDE STD. DWG. No. 432
(21) CONSTRUCT J.S.C. PER CITY of RIVERSIDE STD. DWG. No. 422
(23) CONSTRUCT DROP INLET PER STORM DRAIN PLANS, DETAIL No. 1 SHEET No. 12.
△2 (20) CONSTRUCT JUNCTION STRUCTURE "B" PER CITY OF RIVERSIDE STD. 421.
△2 (16) CONSTRUCT 15" R.C.P., 2000 D, STORM DRAIN.

CURVE DATA				
⬡	R	Δ	L	T
1	22.50'	59°02'25"	23.19'	12.74'
2	994.00'	14°15'34"	247.38'	124.33'
3	45.00'	45°00'00"	35.34'	18.64'
△2 4	22.50'	44°07'57"	17.33'	9.12'

GATEWAY DRIVE

ROBERT FISCUS AND ASSOCIATES
2050 SO. SANTA CRUZ, SUITE 2100
ANAHEIM CA 92805 (714) 938-6090
FOR REVISION △2 ONLY
PREPARED UNDER THE SUPERVISION OF:
Revat Smittipatana 3-29-94
REVAT SMITTIPATANA DATE
P.E. № 42980 EXP. 3-31-96

REGISTERED PROFESSIONAL ENGINEER REVAT SMITTIPATANA No. 42980 Exp. 3-31-96 CIVIL STATE OF CALIFORNIA

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9-9-96

REGISTERED PROFESSIONAL ENGINEER HUA LIN McCAFFREY No. 49405 Exp. 9-30-96 CIVIL STATE OF CALIFORNIA

EASTERN MUNICIPAL WATER DISTRICT
REVIEWED BY: DATE

GENERAL TELEPHONE COMPANY
1-15-86
REVIEWED & APPROVED BY: DATE

BENCH MARK: RIV. CO: B.M.

BRASS DISC MARKED M-64-69 IN THE CENTER OF A 8" x 16' HDWL @ THE S.W. CORNER OF HWY. 60 & DAY ST. 53" WEST OF DAY ST. & 23' S.E. OF N.E. CORNER OF A C.S.D.H. R/W FENCE. ELEVATION = 1612.241

Greiner
Greiner Engineering of California
5225 Canyon Crest Drive
Bldg. 200, Suite 253
Riverside, California 92507
(714) 351-8328
(714) 788-7746
A Greiner Engineering, Inc. Company

PLANS PREPARED UNDER THE DIRECTION OF: R.C.E. NO. 30534 DATE 9/25/85

MARK	REVISIONS		APPR.	DATE
△3	RELOCATED C.B. #18 & D.I. #12			9/16/96
△2	ADDED S.D. LATERAL @ STA 4+00.41			
△1	REVISED STA. & PIPE LENGTH MOVED WEST CURB & GUTTER & DRIVEWAY APPROACH WEST 6' FROM 43' TO 49'; & ADDED PROPOSED TRAFFIC ISLANDS			6.3.86

DESIGNED BY HA DRAWN BY JDS CHECKED BY BLJ

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		1/24/86
PARK DEPARTMENT		
TRAFFIC DIVISION		
CHIEF PUB. WKS. ENGR.		1/24/86

APPROVED BY
William D. Gardner
DIRECTOR OF PUBLIC WORKS
DATE 2-5-86

STORM DRAIN PLAN AND PROFILE
GATEWAY DRIVE
STA. 0+00.00 TO STA. 7+17.93
VALLEY SPRINGS PARKWAY
STA. 0+00.00 TO STA. 1+45.12
PARCEL MAP NO. 19617
SCALE: HORIZ. 1"=40', VERT. 1"=4'

INDEXED BY C.D.
ACCOUNT NO.
DRAWING NUMBER
D-480
SHEET 11 OF 13