71	5.92	0.27	0.068	(0.294)	0.061	0.008
72	6.00	0.27	0.068	(0.292)	0.061	0.008
73	6.08	0.30	0.077	(0.291)	0.068	0.008
74	6.17	0.30	0.077	(0.290)	0.068	0.008
75	6.25	0.30	0.077	(0.288)	0.068	0.008
76	6.33	0.30	0.077	(0.287)	0.068	0.008
77	6.42	0.30	0.077	(0.286)	0.068	0.008
78	6.50	0.30	0.077	(0.285)	0.068	0.008
79	6.58	0.33	0.085	(0.283)	0.076	0.009
80	6.67	0.33	0.085	(0.282)	0.076	0.009
81	6.75	0.33	0.085	(0.281)	0.076	0.009
82	6.83	0.33	0.085	(0.279)	0.076	0.009
83	6.92	0.33	0.085	(0.278)	0.076	0.009
84	7.00	0.33	0.085	(0.277)	0.076	0.009
85	7.08	0.33	0.085	(0.276)	0.076	0.009
86	7.17	0.33	0.085	(0.274)	0.076	0.009
87	7.25	0.33	0.085	(0.273)	0.076	0.009
88	7.33	0.37	0.094	(0.272)	0.084	0.010
89	7.42	0.37	0.094	(0.271)	0.084	0.010
90	7.50	0.37	0.094	(0.269)	0.084	0.010
91	7.58	0.40	0.102	(0.268)	0.091	0.011
92	7.67	0.40	0.102	(0.267)	0.091	0.011
93	7.75	0.40	0.102	(0.266)	0.091	0.011
94	7.83	0.43	0.111	(0.265)	0.099	0.012
95	7.92	0.43	0.111	(0.263)	0.099	0.012
96	8.00	0.43	0.111	(0.262)	0.099	0.012
97	8.08	0.50	0.128	(0.261)	0.114	0.014
98	8.17	0.50	0.128	(0.260)	0.114	0.014
99	8.25	0.50	0.128	(0.258)	0.114	0.014
100	8.33	0.50	0.128	(0.257)	0.114	0.014
101	8.42	0.50	0.128	(0.256)	0.114	0.014
102	8.50	0.50	0.128	(0.255)	0.114	0.014
103	8.58	0.53	0.137	(0.254)	0.122	0.015
104	8.67	0.53	0.137	(0.252)	0.122	0.015
105	8.75	0.53	0.137	(0.251)	0.122	0.015
106	8.83	0.57	0.145	(0.250)	0.129	0.016
107	8.92	0.57	0.145	(0.249)	0.129	0.016
108	9.00	0.57	0.145	(0.248)	0.129	0.016
109	9.08	0.63	0.162	(0.247)	0.144	0.018
110	9.17	0.63	0.162	(0.245)	0.144	0.018
111	9.25	0.63	0.162	(0.244)	0.144	0.018
112	9.33	0.67	0.171	(0.243)	0.152	0.019
113	9.42	0.67	0.171	(0.242)	0.152	0.019
114	9.50	0.67	0.171	(0.241)	0.152	0.019
115	9.58	0.70	0.179	(0.240)	0.160	0.020
116	9.67	0.70	0.179	(0.238)	0.160	0.020
117	9.75	0.70	0.179	(0.237)	0.160	0.020
118	9.83	0.73	0.188	(0.236)	0.167	0.021
119	9.92	0.73	0.188	(0.235)	0.167	0.021
120	10.00	0.73	0.188	(0.234)	0.167	0.021
121	10.08	0.50	0.128	(0.233)	0.114	0.014
122	10.17	0.50	0.128	(0.232)	0.114	0.014
123	10.25	0.50	0.128	(0.230)	0.114	0.014
124	10.33	0.50	0.128	(0.229)	0.114	0.014
125	10.42	0.50	0.128	(0.228)	0.114	0.014
126	10.50	0.50	0.128	(0.227)	0.114	0.014
127	10.58	0.67	0.171	(0.226)	0.152	0.019
128	10.67	0.67	0.171	(0.225)	0.152	0.019
129	10.75	0.67	0.171	(0.224)	0.152	0.019
130	10.83	0.67	0.171	(0.223)	0.152	0.019
131	10.92	0.67	0.171	(0.222)	0.152	0.019
132	11.00	0.67	0.171	(0.221)	0.152	0.019
133	11.08	0.63	0.162	(0.219)	0.144	0.018

134	11.17	0.63	0.162	(0.218)	0.144	0.018
135	11.25	0.63	0.162	(0.217)	0.144	0.018
136	11.33	0.63	0.162	(0.216)	0.144	0.018
137	11.42	0.63	0.162	(0.215)	0.144	0.018
138	11.50	0.63	0.162	(0.214)	0.144	0.018
139	11.58	0.57	0.145	(0.213)	0.129	0.016
140	11.67	0.57	0.145	(0.212)	0.129	0.016
141	11.75	0.57	0.145	(0.211)	0.129	0.016
142	11.83	0.60	0.154	(0.210)	0.137	0.017
143	11.92	0.60	0.154	(0.209)	0.137	0.017
144	12.00	0.60	0.154	(0.208)	0.137	0.017
145	12.08	0.83	0.214	(0.207)	0.190	0.023
146	12.17	0.83	0.214	(0.206)	0.190	0.023
147	12.25	0.83	0.214	(0.205)	0.190	0.023
148	12.33	0.87	0.222	(0.204)	0.198	0.024
149	12.42	0.87	0.222	(0.203)	0.198	0.024
150	12.50	0.87	0.222	(0.202)	0.198	0.024
151	12.58	0.93	0.239	0.201	(0.213)	0.039
152	12.67	0.93	0.239	0.200	(0.213)	0.040
153	12.75	0.93	0.239	0.199	(0.213)	0.041
154	12.83	0.97	0.248	0.198	(0.220)	0.050
155	12.92	0.97	0.248	0.197	(0.220)	0.051
156	13.00	0.97	0.248	0.196	(0.220)	0.052
157	13.08	1.13	0.290	0.195	(0.258)	0.096
158	13.17	1.13	0.290	0.194	(0.258)	0.097
159	13.25	1.13	0.290	0.193	(0.258)	0.098
160	13.33	1.13	0.290	0.192	(0.258)	0.099
161	13.42	1.13	0.290	0.191	(0.258)	0.100
162	13.50	1.13	0.290	0.190	(0.258)	0.101
163	13.58	0.77	0.196	(0.189)	0.175	0.022
164	13.67	0.77	0.196	(0.188)	0.175	0.022
165	13.75	0.77	0.196	(0.187)	0.175	0.022
166	13.83	0.77	0.196	(0.186)	0.175	0.022
167	13.92	0.77	0.196	(0.185)	0.175	0.022
168	14.00	0.77	0.196	(0.184)	0.175	0.022
169	14.08	0.90	0.231	0.183	(0.205)	0.048
170	14.17	0.90	0.231	0.182	(0.205)	0.049
171	14.25	0.90	0.231	0.181	(0.205)	0.049
172	14.33	0.87	0.222	0.180	(0.198)	0.042
173	14.42	0.87	0.222	0.179	(0.198)	0.043
174	14.50	0.87	0.222	0.178	(0.198)	0.044
175	14.58	0.87	0.222	0.177	(0.198)	0.045
176	14.67	0.87	0.222	0.177	(0.198)	0.045
177	14.75	0.87	0.222	0.176	(0.198)	0.046
178	14.83	0.83	0.214	0.175	(0.190)	0.039
179	14.92	0.83	0.214	0.174	(0.190)	0.040
180	15.00	0.83	0.214	0.173	(0.190)	0.041
181	15.08	0.80	0.205	0.172	(0.182)	0.033
182	15.17	0.80	0.205	0.171	(0.182)	0.034
183	15.25	0.80	0.205	0.170	(0.182)	0.035
184	15.33	0.77	0.196	0.169	(0.175)	0.027
185	15.42	0.77	0.196	0.169	(0.175)	0.028
186	15.50	0.77	0.196	0.168	(0.175)	0.029
187	15.58	0.63	0.162	(0.167)	0.144	0.018
188	15.67	0.63	0.162	(0.166)	0.144	0.018
189	15.75	0.63	0.162	(0.165)	0.144	0.018
190	15.83	0.63	0.162	(0.164)	0.144	0.018
191	15.92	0.63	0.162	(0.163)	0.144	0.018
192	16.00	0.63	0.162	(0.163)	0.144	0.018
193	16.08	0.13	0.034	(0.162)	0.030	0.004
194	16.17	0.13	0.034	(0.161)	0.030	0.004
195	16.25	0.13	0.034	(0.160)	0.030	0.004
196	16.33	0.13	0.034	(0.159)	0.030	0.004

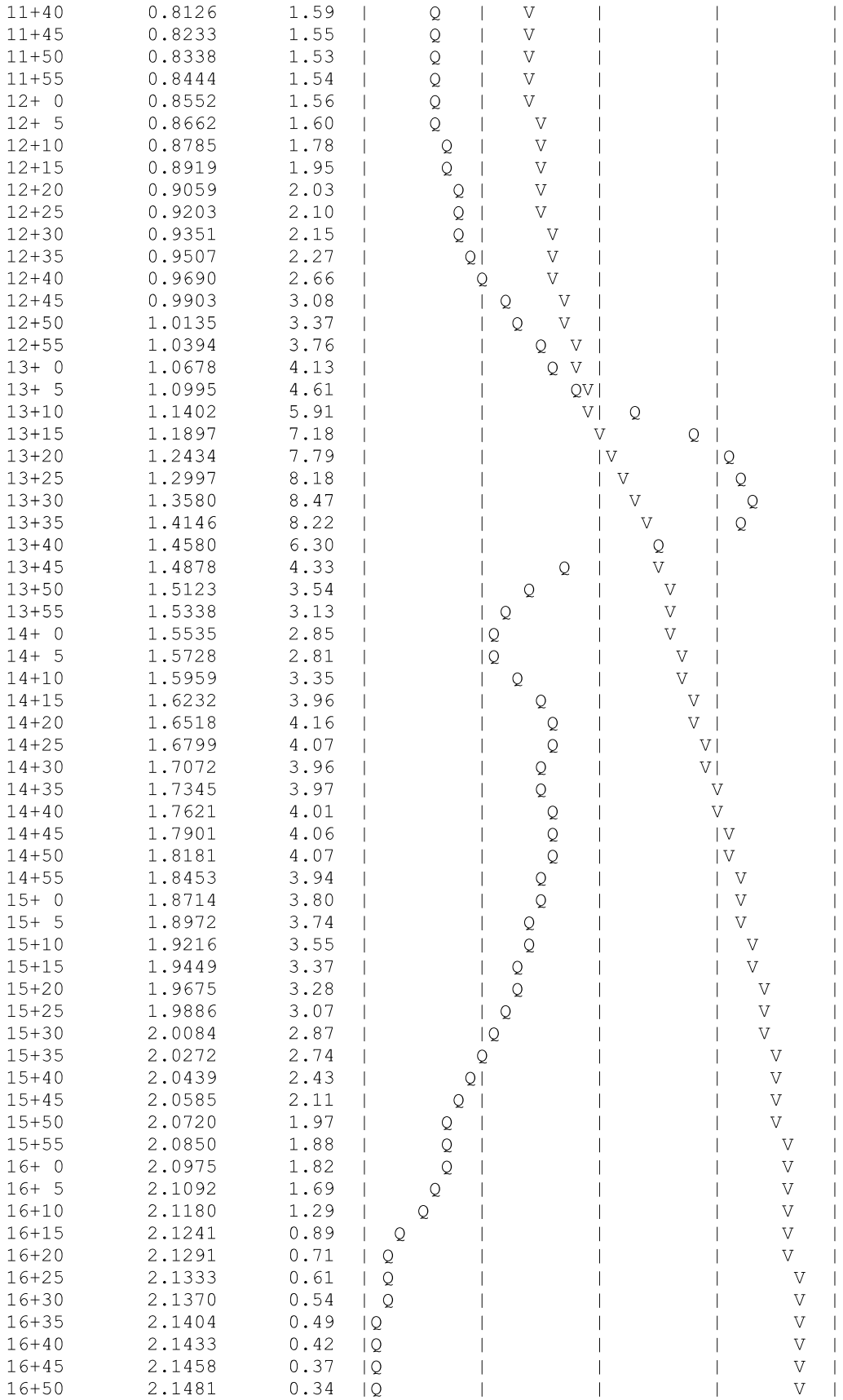
197	16.42	0.13	0.034	(0.159)	0.030	0.004
198	16.50	0.13	0.034	(0.158)	0.030	0.004
199	16.58	0.10	0.026	(0.157)	0.023	0.003
200	16.67	0.10	0.026	(0.156)	0.023	0.003
201	16.75	0.10	0.026	(0.155)	0.023	0.003
202	16.83	0.10	0.026	(0.155)	0.023	0.003
203	16.92	0.10	0.026	(0.154)	0.023	0.003
204	17.00	0.10	0.026	(0.153)	0.023	0.003
205	17.08	0.17	0.043	(0.152)	0.038	0.005
206	17.17	0.17	0.043	(0.151)	0.038	0.005
207	17.25	0.17	0.043	(0.151)	0.038	0.005
208	17.33	0.17	0.043	(0.150)	0.038	0.005
209	17.42	0.17	0.043	(0.149)	0.038	0.005
210	17.50	0.17	0.043	(0.148)	0.038	0.005
211	17.58	0.17	0.043	(0.148)	0.038	0.005
212	17.67	0.17	0.043	(0.147)	0.038	0.005
213	17.75	0.17	0.043	(0.146)	0.038	0.005
214	17.83	0.13	0.034	(0.145)	0.030	0.004
215	17.92	0.13	0.034	(0.145)	0.030	0.004
216	18.00	0.13	0.034	(0.144)	0.030	0.004
217	18.08	0.13	0.034	(0.143)	0.030	0.004
218	18.17	0.13	0.034	(0.143)	0.030	0.004
219	18.25	0.13	0.034	(0.142)	0.030	0.004
220	18.33	0.13	0.034	(0.141)	0.030	0.004
221	18.42	0.13	0.034	(0.141)	0.030	0.004
222	18.50	0.13	0.034	(0.140)	0.030	0.004
223	18.58	0.10	0.026	(0.139)	0.023	0.003
224	18.67	0.10	0.026	(0.139)	0.023	0.003
225	18.75	0.10	0.026	(0.138)	0.023	0.003
226	18.83	0.07	0.017	(0.137)	0.015	0.002
227	18.92	0.07	0.017	(0.137)	0.015	0.002
228	19.00	0.07	0.017	(0.136)	0.015	0.002
229	19.08	0.10	0.026	(0.135)	0.023	0.003
230	19.17	0.10	0.026	(0.135)	0.023	0.003
231	19.25	0.10	0.026	(0.134)	0.023	0.003
232	19.33	0.13	0.034	(0.133)	0.030	0.004
233	19.42	0.13	0.034	(0.133)	0.030	0.004
234	19.50	0.13	0.034	(0.132)	0.030	0.004
235	19.58	0.10	0.026	(0.132)	0.023	0.003
236	19.67	0.10	0.026	(0.131)	0.023	0.003
237	19.75	0.10	0.026	(0.130)	0.023	0.003
238	19.83	0.07	0.017	(0.130)	0.015	0.002
239	19.92	0.07	0.017	(0.129)	0.015	0.002
240	20.00	0.07	0.017	(0.129)	0.015	0.002
241	20.08	0.10	0.026	(0.128)	0.023	0.003
242	20.17	0.10	0.026	(0.127)	0.023	0.003
243	20.25	0.10	0.026	(0.127)	0.023	0.003
244	20.33	0.10	0.026	(0.126)	0.023	0.003
245	20.42	0.10	0.026	(0.126)	0.023	0.003
246	20.50	0.10	0.026	(0.125)	0.023	0.003
247	20.58	0.10	0.026	(0.125)	0.023	0.003
248	20.67	0.10	0.026	(0.124)	0.023	0.003
249	20.75	0.10	0.026	(0.124)	0.023	0.003
250	20.83	0.07	0.017	(0.123)	0.015	0.002
251	20.92	0.07	0.017	(0.123)	0.015	0.002
252	21.00	0.07	0.017	(0.122)	0.015	0.002
253	21.08	0.10	0.026	(0.122)	0.023	0.003
254	21.17	0.10	0.026	(0.121)	0.023	0.003
255	21.25	0.10	0.026	(0.121)	0.023	0.003
256	21.33	0.07	0.017	(0.120)	0.015	0.002
257	21.42	0.07	0.017	(0.120)	0.015	0.002
258	21.50	0.07	0.017	(0.119)	0.015	0.002
259	21.58	0.10	0.026	(0.119)	0.023	0.003

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260  21.67     0.10      0.026       (  0.119)       0.023        0.003
261  21.75     0.10      0.026       (  0.118)       0.023        0.003
262  21.83     0.07      0.017       (  0.118)       0.015        0.002
263  21.92     0.07      0.017       (  0.117)       0.015        0.002
264  22.00     0.07      0.017       (  0.117)       0.015        0.002
265  22.08     0.10      0.026       (  0.117)       0.023        0.003
266  22.17     0.10      0.026       (  0.116)       0.023        0.003
267  22.25     0.10      0.026       (  0.116)       0.023        0.003
268  22.33     0.07      0.017       (  0.115)       0.015        0.002
269  22.42     0.07      0.017       (  0.115)       0.015        0.002
270  22.50     0.07      0.017       (  0.115)       0.015        0.002
271  22.58     0.07      0.017       (  0.114)       0.015        0.002
272  22.67     0.07      0.017       (  0.114)       0.015        0.002
273  22.75     0.07      0.017       (  0.114)       0.015        0.002
274  22.83     0.07      0.017       (  0.113)       0.015        0.002
275  22.92     0.07      0.017       (  0.113)       0.015        0.002
276  23.00     0.07      0.017       (  0.113)       0.015        0.002
277  23.08     0.07      0.017       (  0.113)       0.015        0.002
278  23.17     0.07      0.017       (  0.112)       0.015        0.002
279  23.25     0.07      0.017       (  0.112)       0.015        0.002
280  23.33     0.07      0.017       (  0.112)       0.015        0.002
281  23.42     0.07      0.017       (  0.112)       0.015        0.002
282  23.50     0.07      0.017       (  0.112)       0.015        0.002
283  23.58     0.07      0.017       (  0.111)       0.015        0.002
284  23.67     0.07      0.017       (  0.111)       0.015        0.002
285  23.75     0.07      0.017       (  0.111)       0.015        0.002
286  23.83     0.07      0.017       (  0.111)       0.015        0.002
287  23.92     0.07      0.017       (  0.111)       0.015        0.002
288  24.00     0.07      0.017       (  0.111)       0.015        0.002
            (Loss Rate Not Used)
    Sum =     100.0                                  Sum =     3.6
      Flood volume = Effective rainfall      0.30(In)
       times area      91.8(Ac.)/[(In)/(Ft.)] =       2.3(Ac.Ft)
      Total soil loss =      1.83(In)
      Total soil loss =    14.029(Ac.Ft)
      Total rainfall =      2.14(In)
      Flood volume =      100418.5 Cubic Feet
      Total soil loss =      611095.4 Cubic Feet
      ---------------------------------------------------------------------
       Peak flow rate of this hydrograph =      8.470(CFS)
      ---------------------------------------------------------------------
      +++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
                          24 - H O U R    S T O R M
                       R u n o f f      H y d r o g r a p h
      ---------------------------------------------------------------------
                  Hydrograph in   5   Minute intervals ((CFS))

      ---------------------------------------------------------------------
 Time(h+m) Volume Ac.Ft   Q(CFS)  0        2.5       5.0       7.5      10.0
 ---------------------------------------------------------------------------
   0+ 5       0.0001      0.01  Q          |         |         |         |
   0+10       0.0005      0.06  Q          |         |         |         |
   0+15       0.0013      0.11  Q          |         |         |         |
   0+20       0.0022      0.14  Q          |         |         |         |
   0+25       0.0034      0.17  Q          |         |         |         |
   0+30       0.0048      0.21  Q          |         |         |         |
   0+35       0.0064      0.22  Q          |         |         |         |
   0+40       0.0080      0.23  Q          |         |         |         |
   0+45       0.0096      0.24  Q          |         |         |         |
   0+50       0.0113      0.25  VQ         |         |         |         |
   0+55       0.0133      0.28  VQ         |         |         |         |
   1+ 0       0.0154      0.31  VQ         |         |         |         |
   1+ 5       0.0175      0.31  VQ         |         |         |         |
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1+10	0.0196	0.30	VQ	|	|	|	|
1+15	0.0215	0.28	VQ	|	|	|	|
1+20	0.0234	0.27	VQ	|	|	|	|
1+25	0.0252	0.27	VQ	|	|	|	|
1+30	0.0271	0.27	VQ	|	|	|	|
1+35	0.0289	0.27	VQ	|	|	|	|
1+40	0.0307	0.26	VQ	|	|	|	|
1+45	0.0326	0.26	VQ	|	|	|	|
1+50	0.0344	0.27	VQ	|	|	|	|
1+55	0.0364	0.29	VQ	|	|	|	|
2+ 0	0.0386	0.32	VQ	|	|	|	|
2+ 5	0.0409	0.33	VQ	|	|	|	|
2+10	0.0432	0.33	VQ	|	|	|	|
2+15	0.0455	0.34	VQ	|	|	|	|
2+20	0.0478	0.34	VQ	|	|	|	|
2+25	0.0502	0.34	VQ	|	|	|	|
2+30	0.0525	0.34	VQ	|	|	|	|
2+35	0.0549	0.35	VQ	|	|	|	|
2+40	0.0575	0.38	VQ	|	|	|	|
2+45	0.0603	0.40	|Q	|	|	|	|
2+50	0.0631	0.41	|Q	|	|	|	|
2+55	0.0660	0.42	|Q	|	|	|	|
3+ 0	0.0689	0.42	|Q	|	|	|	|
3+ 5	0.0719	0.43	|Q	|	|	|	|
3+10	0.0748	0.43	|Q	|	|	|	|
3+15	0.0778	0.43	|Q	|	|	|	|
3+20	0.0807	0.43	|Q	|	|	|	|
3+25	0.0837	0.43	|Q	|	|	|	|
3+30	0.0867	0.43	|Q	|	|	|	|
3+35	0.0897	0.43	|Q	|	|	|	|
3+40	0.0927	0.43	|Q	|	|	|	|
3+45	0.0957	0.43	|Q	|	|	|	|
3+50	0.0987	0.44	|Q	|	|	|	|
3+55	0.1019	0.47	|Q	|	|	|	|
4+ 0	0.1053	0.49	|Q	|	|	|	|
4+ 5	0.1087	0.50	|VQ	|	|	|	|
4+10	0.1122	0.51	|VQ	|	|	|	|
4+15	0.1157	0.51	| Q	|	|	|	|
4+20	0.1193	0.52	| Q	|	|	|	|
4+25	0.1231	0.55	| Q	|	|	|	|
4+30	0.1270	0.57	| Q	|	|	|	|
4+35	0.1310	0.58	| Q	|	|	|	|
4+40	0.1351	0.59	| Q	|	|	|	|
4+45	0.1392	0.60	| Q	|	|	|	|
4+50	0.1434	0.60	| Q	|	|	|	|
4+55	0.1477	0.63	| Q	|	|	|	|
5+ 0	0.1523	0.66	| Q	|	|	|	|
5+ 5	0.1568	0.66	| Q	|	|	|	|
5+10	0.1610	0.62	| Q	|	|	|	|
5+15	0.1650	0.57	| Q	|	|	|	|
5+20	0.1688	0.56	| Q	|	|	|	|
5+25	0.1728	0.58	| Q	|	|	|	|
5+30	0.1769	0.59	| QV	|	|	|	|
5+35	0.1811	0.61	| QV	|	|	|	|
5+40	0.1854	0.63	| QV	|	|	|	|
5+45	0.1900	0.66	| QV	|	|	|	|
5+50	0.1946	0.67	| QV	|	|	|	|
5+55	0.1993	0.68	| QV	|	|	|	|
6+ 0	0.2040	0.68	| QV	|	|	|	|
6+ 5	0.2088	0.69	| QV	|	|	|	|
6+10	0.2137	0.72	| QV	|	|	|	|
6+15	0.2188	0.74	| QV	|	|	|	|
6+20	0.2241	0.76	| Q	|	|	|	|

6+25	0.2293	0.76	| Q |	|	|	|
6+30	0.2346	0.77	| QV |	|	|	|
6+35	0.2400	0.78	| QV |	|	|	|
6+40	0.2455	0.81	| QV |	|	|	|
6+45	0.2513	0.83	| QV |	|	|	|
6+50	0.2571	0.84	| QV |	|	|	|
6+55	0.2629	0.85	| QV |	|	|	|
7+ 0	0.2688	0.86	| QV |	|	|	|
7+ 5	0.2748	0.86	| QV |	|	|	|
7+10	0.2807	0.86	| QV |	|	|	|
7+15	0.2866	0.86	| QV |	|	|	|
7+20	0.2927	0.87	| Q V |	|	|	|
7+25	0.2988	0.90	| Q V |	|	|	|
7+30	0.3052	0.92	| Q V |	|	|	|
7+35	0.3117	0.94	| Q V |	|	|	|
7+40	0.3184	0.97	| Q V |	|	|	|
7+45	0.3252	1.00	| QV |	|	|	|
7+50	0.3323	1.02	| QV |	|	|	|
7+55	0.3395	1.05	| QV |	|	|	|
8+ 0	0.3470	1.08	| Q V |	|	|	|
8+ 5	0.3546	1.11	| Q V |	|	|	|
8+10	0.3626	1.17	| Q V |	|	|	|
8+15	0.3711	1.22	| Q V |	|	|	|
8+20	0.3797	1.25	| Q V |	|	|	|
8+25	0.3884	1.26	| QV |	|	|	|
8+30	0.3971	1.27	| QV |	|	|	|
8+35	0.4060	1.29	| Q V |	|	|	|
8+40	0.4151	1.32	| Q V |	|	|	|
8+45	0.4244	1.35	| Q V |	|	|	|
8+50	0.4338	1.37	| Q V |	|	|	|
8+55	0.4434	1.40	| Q V |	|	|	|
9+ 0	0.4533	1.43	| Q V |	|	|	|
9+ 5	0.4633	1.46	| Q V |	|	|	|
9+10	0.4738	1.52	| Q V |	|	|	|
9+15	0.4846	1.57	| Q V |	|	|	|
9+20	0.4956	1.60	| Q V |	|	|	|
9+25	0.5069	1.64	| Q V |	|	|	|
9+30	0.5185	1.68	| Q V |	|	|	|
9+35	0.5302	1.70	| Q V|	|	|	|
9+40	0.5422	1.74	| Q V|	|	|	|
9+45	0.5544	1.77	| Q V|	|	|	|
9+50	0.5667	1.79	| Q V|	|	|	|
9+55	0.5793	1.83	| Q V	|	|	|
10+ 0	0.5922	1.86	| Q V	|	|	|
10+ 5	0.6048	1.84	| Q V	|	|	|
10+10	0.6163	1.67	| Q V	|	|	|
10+15	0.6267	1.51	| Q V	|	|	|
10+20	0.6366	1.44	| Q |V	|	|	|
10+25	0.6463	1.40	| Q |V	|	|	|
10+30	0.6558	1.38	| Q |V	|	|	|
10+35	0.6653	1.39	| Q |V	|	|	|
10+40	0.6757	1.50	| Q |V	|	|	|
10+45	0.6868	1.61	| Q |V	|	|	|
10+50	0.6982	1.66	| Q | V	|	|	|
10+55	0.7098	1.68	| Q | V	|	|	|
11+ 0	0.7214	1.69	| Q | V	|	|	|
11+ 5	0.7331	1.70	| Q | V	|	|	|
11+10	0.7447	1.68	| Q | V	|	|	|
11+15	0.7561	1.66	| Q | V	|	|	|
11+20	0.7675	1.66	| Q | V	|	|	|
11+25	0.7789	1.65	| Q | V	|	|	|
11+30	0.7903	1.65	| Q | V	|	|	|
11+35	0.8017	1.64	| Q | V	|	|	|



11+40	0.8126	1.59	| Q | V | | |
11+45	0.8233	1.55	| Q | V | | |
11+50	0.8338	1.53	| Q | V | | |
11+55	0.8444	1.54	| Q | V | | |
12+ 0	0.8552	1.56	| Q | V | | |
12+ 5	0.8662	1.60	| Q | V | | |
12+10	0.8785	1.78	| Q | V | | |
12+15	0.8919	1.95	| Q | V | | |
12+20	0.9059	2.03	| Q | V | | |
12+25	0.9203	2.10	| Q | V | | |
12+30	0.9351	2.15	| Q | V | | |
12+35	0.9507	2.27	| Q| V | | |
12+40	0.9690	2.66	| Q V | | |
12+45	0.9903	3.08	| | Q V | | |
12+50	1.0135	3.37	| | Q V | | |
12+55	1.0394	3.76	| | Q V | | |
13+ 0	1.0678	4.13	| | Q V | | |
13+ 5	1.0995	4.61	| | QV| | |
13+10	1.1402	5.91	| | V| Q | |
13+15	1.1897	7.18	| | V Q | |
13+20	1.2434	7.79	| | |V |Q |
13+25	1.2997	8.18	| | | V | Q |
13+30	1.3580	8.47	| | | V | Q |
13+35	1.4146	8.22	| | | V | Q |
13+40	1.4580	6.30	| | | Q | |
13+45	1.4878	4.33	| | Q | V | |
13+50	1.5123	3.54	| Q | V | |
13+55	1.5338	3.13	| Q | V | |
14+ 0	1.5535	2.85	|Q | V | |
14+ 5	1.5728	2.81	|Q | V | |
14+10	1.5959	3.35	| Q | V | |
14+15	1.6232	3.96	| Q | V | |
14+20	1.6518	4.16	| Q | V | |
14+25	1.6799	4.07	| Q | V| |
14+30	1.7072	3.96	| Q | V| |
14+35	1.7345	3.97	| Q | V |
14+40	1.7621	4.01	| Q | V |
14+45	1.7901	4.06	| Q | |V |
14+50	1.8181	4.07	| Q | |V |
14+55	1.8453	3.94	| Q | | V |
15+ 0	1.8714	3.80	| Q | | V |
15+ 5	1.8972	3.74	| Q | | V |
15+10	1.9216	3.55	| Q | | V |
15+15	1.9449	3.37	| Q | | V |
15+20	1.9675	3.28	| Q | | V |
15+25	1.9886	3.07	| Q | | V |
15+30	2.0084	2.87	|Q | | V |
15+35	2.0272	2.74	Q | | V |
15+40	2.0439	2.43	Q| | | V |
15+45	2.0585	2.11	Q | | | V |
15+50	2.0720	1.97	Q | | | V |
15+55	2.0850	1.88	Q | | | V |
16+ 0	2.0975	1.82	Q | | | V |
16+ 5	2.1092	1.69	Q | | | V |
16+10	2.1180	1.29	Q | | | V |
16+15	2.1241	0.89	Q | | | V |
16+20	2.1291	0.71	Q | | | V |
16+25	2.1333	0.61	Q | | | V |
16+30	2.1370	0.54	Q | | | V |
16+35	2.1404	0.49	Q | | | V |
16+40	2.1433	0.42	Q | | | V |
16+45	2.1458	0.37	Q | | | V |
16+50	2.1481	0.34	Q | | | V |

16+55	2.1503	0.32	|Q	|	|	|	V |
17+ 0	2.1524	0.30	|Q	|	|	|	V |
17+ 5	2.1545	0.30	|Q	|	|	|	V |
17+10	2.1568	0.34	|Q	|	|	|	V |
17+15	2.1594	0.38	|Q	|	|	|	V |
17+20	2.1621	0.40	|Q	|	|	|	V |
17+25	2.1649	0.41	|Q	|	|	|	V |
17+30	2.1678	0.41	|Q	|	|	|	V |
17+35	2.1707	0.42	|Q	|	|	|	V |
17+40	2.1736	0.42	|Q	|	|	|	V |
17+45	2.1765	0.43	|Q	|	|	|	V |
17+50	2.1794	0.42	|Q	|	|	|	V |
17+55	2.1822	0.40	|Q	|	|	|	V |
18+ 0	2.1848	0.38	|Q	|	|	|	V |
18+ 5	2.1873	0.37	|Q	|	|	|	V |
18+10	2.1898	0.36	|Q	|	|	|	V |
18+15	2.1922	0.36	|Q	|	|	|	V |
18+20	2.1947	0.36	|Q	|	|	|	V |
18+25	2.1971	0.35	|Q	|	|	|	V |
18+30	2.1996	0.35	|Q	|	|	|	V |
18+35	2.2019	0.35	|Q	|	|	|	V |
18+40	2.2042	0.32	|Q	|	|	|	V |
18+45	2.2062	0.29	|Q	|	|	|	V |
18+50	2.2081	0.28	|Q	|	|	|	V |
18+55	2.2098	0.25	Q	|	|	|	V |
19+ 0	2.2113	0.22	Q	|	|	|	V |
19+ 5	2.2127	0.21	Q	|	|	|	V |
19+10	2.2143	0.23	Q	|	|	|	V |
19+15	2.2160	0.25	Q	|	|	|	V |
19+20	2.2178	0.26	|Q	|	|	|	V |
19+25	2.2197	0.29	|Q	|	|	|	V |
19+30	2.2219	0.31	|Q	|	|	|	V |
19+35	2.2241	0.32	|Q	|	|	|	V |
19+40	2.2261	0.30	|Q	|	|	|	V |
19+45	2.2280	0.28	|Q	|	|	|	V |
19+50	2.2298	0.27	|Q	|	|	|	V |
19+55	2.2315	0.24	Q	|	|	|	V |
20+ 0	2.2329	0.21	Q	|	|	|	V |
20+ 5	2.2343	0.20	Q	|	|	|	V |
20+10	2.2359	0.22	Q	|	|	|	V |
20+15	2.2376	0.24	Q	|	|	|	V |
20+20	2.2393	0.25	|Q	|	|	|	V |
20+25	2.2410	0.25	|Q	|	|	|	V |
20+30	2.2428	0.26	|Q	|	|	|	V |
20+35	2.2446	0.26	|Q	|	|	|	V |
20+40	2.2463	0.26	|Q	|	|	|	V |
20+45	2.2481	0.26	|Q	|	|	|	V|
20+50	2.2499	0.25	|Q	|	|	|	V|
20+55	2.2514	0.23	Q	|	|	|	V|
21+ 0	2.2528	0.20	Q	|	|	|	V|
21+ 5	2.2542	0.20	Q	|	|	|	V|
21+10	2.2557	0.22	Q	|	|	|	V|
21+15	2.2574	0.24	Q	|	|	|	V|
21+20	2.2590	0.24	Q	|	|	|	V|
21+25	2.2606	0.22	Q	|	|	|	V|
21+30	2.2619	0.20	Q	|	|	|	V|
21+35	2.2633	0.20	Q	|	|	|	V|
21+40	2.2648	0.22	Q	|	|	|	V|
21+45	2.2664	0.24	Q	|	|	|	V|
21+50	2.2681	0.24	Q	|	|	|	V|
21+55	2.2696	0.22	Q	|	|	|	V|
22+ 0	2.2709	0.20	Q	|	|	|	V|
22+ 5	2.2723	0.19	Q	|	|	|	V|

22+10	2.2738	0.22	Q	|	|	|	V|
22+15	2.2754	0.24	Q	|	|	|	V|
22+20	2.2771	0.24	Q	|	|	|	V|
22+25	2.2786	0.22	Q	|	|	|	V|
22+30	2.2799	0.20	Q	|	|	|	V|
22+35	2.2812	0.19	Q	|	|	|	V|
22+40	2.2825	0.18	Q	|	|	|	V|
22+45	2.2838	0.18	Q	|	|	|	V|
22+50	2.2850	0.18	Q	|	|	|	V|
22+55	2.2862	0.18	Q	|	|	|	V|
23+ 0	2.2874	0.18	Q	|	|	|	V|
23+ 5	2.2887	0.18	Q	|	|	|	V|
23+10	2.2899	0.18	Q	|	|	|	V|
23+15	2.2911	0.18	Q	|	|	|	V|
23+20	2.2923	0.18	Q	|	|	|	V|
23+25	2.2935	0.17	Q	|	|	|	V|
23+30	2.2947	0.17	Q	|	|	|	V|
23+35	2.2959	0.17	Q	|	|	|	V|
23+40	2.2971	0.17	Q	|	|	|	V|
23+45	2.2983	0.17	Q	|	|	|	V|
23+50	2.2995	0.17	Q	|	|	|	V|
23+55	2.3007	0.17	Q	|	|	|	V|
24+ 0	2.3019	0.17	Q	|	|	|	V|
24+ 5	2.3030	0.16	Q	|	|	|	V|
24+10	2.3038	0.11	Q	|	|	|	V|
24+15	2.3042	0.06	Q	|	|	|	V|
24+20	2.3045	0.04	Q	|	|	|	V|
24+25	2.3047	0.03	Q	|	|	|	V|
24+30	2.3049	0.02	Q	|	|	|	V|
24+35	2.3050	0.02	Q	|	|	|	V|
24+40	2.3051	0.01	Q	|	|	|	V|
24+45	2.3051	0.01	Q	|	|	|	V|
24+50	2.3052	0.01	Q	|	|	|	V|
24+55	2.3052	0.01	Q	|	|	|	V|
25+ 0	2.3053	0.00	Q	|	|	|	V|
25+ 5	2.3053	0.00	Q	|	|	|	V|
25+10	2.3053	0.00	Q	|	|	|	V|
25+15	2.3053	0.00	Q	|	|	|	V|

```
      U n i t   H y d r o g r a p h   A n a l y s i s

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            Study date  03/20/24 File: 907hydc10ex110.out


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

Riverside County Synthetic Unit Hydrology Method
RCFC & WCD Manual date - April 1978


Program License Serial Number 4029

------------------------------------------------------------------------
 English (in-lb) Input Units Used
 English Rainfall Data (Inches) Input Values Used

 English Units used in output format



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

Keller Crossing, Tr. 38163
Hydrology Existing Condition Area C onsite = 91.8 Ac
For comparison sensitive analysis
10-year 1-hour storm


------------------------------------------------------------------------
Drainage Area =      91.80(Ac.)  =      0.143 Sq. Mi.
Drainage Area for Depth-Area Areal Adjustment =      91.80(Ac.)  =      0.143 Sq. Mi.
Length along longest watercourse =    3564.00(Ft.)
Length along longest watercourse measured to centroid =    1672.00(Ft.)
Length along longest watercourse =      0.675 Mi.
Length along longest watercourse measured to centroid =      0.317 Mi.
Difference in elevation =      91.00(Ft.)
Slope along watercourse =    134.8148 Ft./Mi.
Average Manning's 'N' = 0.030
Lag time =    0.158 Hr.
Lag time =     9.47 Min.
25% of lag time =     2.37 Min.
40% of lag time =     3.79 Min.
Unit time =     5.00 Min.
Duration of storm = 1 Hour(s)
User Entered Base Flow =     0.00(CFS)

2 YEAR Area rainfall data:


Area(Ac.)[1]       Rainfall(In)[2]      Weighting[1*2]
       91.80          0.50                45.90

100 YEAR Area rainfall data:


Area(Ac.)[1]       Rainfall(In)[2]      Weighting[1*2]
       91.80          1.20               110.16

STORM EVENT (YEAR) =   10.00
```

```
Area Averaged 2-Year Rainfall =    0.500(In)
Area Averaged 100-Year Rainfall =    1.200(In)

Point rain (area averaged) =    0.788(In)
Areal adjustment factor =   99.92 %
Adjusted average point rain =    0.787(In)

Sub-Area Data:
Area(Ac.)          Runoff Index   Impervious %
    91.800           81.80          0.010
 Total Area Entered =     91.80(Ac.)


RI    RI   Infil. Rate Impervious   Adj. Infil. Rate  Area%     F
AMC2 AMC-2     (In/Hr)    (Dec.%)      (In/Hr)       (Dec.)    (In/Hr)
81.8  81.8      0.223     0.010         0.221       1.000      0.221
                                                  Sum (F) =    0.221
Area averaged mean soil loss (F) (In/Hr) =  0.221
Minimum soil loss rate ((In/Hr)) =  0.111
(for 24 hour storm duration)
Soil low loss rate (decimal) =   0.890
------------------------------------------------------------------------
Slope of intensity-duration curve for a 1 hour storm =0.5500
------------------------------------------------------------------------

             U n i t  H y d r o g r a p h
                    VALLEY S-Curve
------------------------------------------------------------------
             Unit Hydrograph Data
------------------------------------------------------------------
Unit time period   Time % of lag   Distribution   Unit Hydrograph
    (hrs)                          Graph %            (CFS)
------------------------------------------------------------------
    1   0.083         52.817          6.673             6.173
    2   0.167        105.634         28.498            26.366
    3   0.250        158.450         28.462            26.332
    4   0.333        211.267         12.020            11.121
    5   0.417        264.084          6.556             6.065
    6   0.500        316.901          4.556             4.215
    7   0.583        369.718          3.275             3.030
    8   0.667        422.534          2.432             2.250
    9   0.750        475.351          1.782             1.649
   10   0.833        528.168          1.539             1.424
   11   0.917        580.985          1.172             1.084
   12   1.000        633.802          0.925             0.856
   13   1.083        686.618          0.702             0.650
   14   1.167        739.435          0.538             0.498
   15   1.250        792.252          0.528             0.489
   16   1.333        845.069          0.342             0.316
                              Sum = 100.000   Sum=      92.517
------------------------------------------------------------------------

 The following loss rate calculations reflect use of the minimum calculated loss
 rate subtracted from the Storm Rain to produce the maximum Effective Rain value

 Unit Time   Pattern   Storm Rain     Loss rate(In./Hr)     Effective
      (Hr.)  Percent   (In/Hr)         Max    |   Low        (In/Hr)
  1   0.08     3.30      0.312          0.221    (  0.277)        0.090
  2   0.17     4.20      0.397          0.221    (  0.353)        0.175
  3   0.25     4.40      0.416          0.221    (  0.370)        0.194
  4   0.33     4.80      0.454          0.221    (  0.404)        0.232
  5   0.42     5.20      0.491          0.221    (  0.437)        0.270
```

```
  6   0.50     6.20      0.586          0.221    (  0.521)        0.364
  7   0.58     6.80      0.642          0.221    (  0.572)        0.421
  8   0.67     8.80      0.831          0.221    (  0.740)        0.610
  9   0.75    13.90      1.313          0.221    (  1.169)        1.092
 10   0.83    31.40      2.967          0.221    (  2.640)        2.745
 11   0.92     7.20      0.680          0.221    (  0.605)        0.459
 12   1.00     3.80      0.359          0.221    (  0.320)        0.138
            (Loss Rate Not Used)
    Sum =     100.0                                    Sum =     6.8
      Flood volume = Effective rainfall      0.57(In)
       times area      91.8(Ac.)/[(In)/(Ft.)] =       4.3(Ac.Ft)
      Total soil loss =      0.22(In)
      Total soil loss =     1.694(Ac.Ft)
      Total rainfall =      0.79(In)
      Flood volume =      188564.3 Cubic Feet
      Total soil loss =       73800.9 Cubic Feet
      ---------------------------------------------------------------------
       Peak flow rate of this hydrograph =    116.901(CFS)
      ---------------------------------------------------------------------
      +++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
                          1 - H O U R    S T O R M
                     R u n o f f     H y d r o g r a p h
      ---------------------------------------------------------------------
                  Hydrograph in   5   Minute intervals ((CFS))

      ---------------------------------------------------------------------
  Time(h+m) Volume Ac.Ft   Q(CFS)  0       50.0     100.0     150.0     200.0
  ---------------------------------------------------------------------------
    0+ 5       0.0038      0.56  Q         |         |         |         |
    0+10       0.0277      3.47  Q         |         |         |         |
    0+15       0.0842      8.20  VQ        |         |         |         |
    0+20       0.1681     12.18  |VQ       |         |         |         |
    0+25       0.2742     15.40  | VQ      |         |         |         |
    0+30       0.4057     19.09  |  Q      |         |         |         |
    0+35       0.5716     24.09  |   QV    |         |         |         |
    0+40       0.7812     30.44  |     QV  |         |         |         |
    0+45       1.0686     41.73  |       QV|         |         |         |
    0+50       1.5604     71.42  |         |   Q     |         |         |
    0+55       2.3655    116.90  |         |         |V Q      |         |
    1+ 0       3.0924    105.54  |         |         |Q      V |         |
    1+ 5       3.4970     58.75  |         |Q        |         | V       |
    1+10       3.7336     34.35  |     Q   |         |         |   V     |
    1+15       3.8888     22.54  |   Q     |         |         |    V    |
    1+20       4.0000     16.14  |  Q      |         |         |     V   |
    1+25       4.0828     12.03  | Q       |         |         |      V  |
    1+30       4.1455      9.10  |Q        |         |         |       V |
    1+35       4.1961      7.34  |Q        |         |         |       V |
    1+40       4.2351      5.66  |Q        |         |         |        V|
    1+45       4.2652      4.38  Q         |         |         |        V|
    1+50       4.2880      3.30  Q         |         |         |        V|
    1+55       4.3053      2.51  Q         |         |         |        V|
    2+ 0       4.3191      2.01  Q         |         |         |        V|
    2+ 5       4.3271      1.16  Q         |         |         |        V|
    2+10       4.3285      0.21  Q         |         |         |        V|
    2+15       4.3288      0.04  Q         |         |         |        V|
  ---------------------------------------------------------------------------
```

```
      U n i t   H y d r o g r a p h   A n a l y s i s

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            Study date  03/20/24 File: 907hydc10ex310.out


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

Riverside County Synthetic Unit Hydrology Method
RCFC & WCD Manual date - April 1978


Program License Serial Number 4029

------------------------------------------------------------------------
 English (in-lb) Input Units Used
 English Rainfall Data (Inches) Input Values Used

 English Units used in output format



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

Keller Crossing, Tr. 38163
Hydrology Existing Condition Area C onsite = 91.8 Ac
For comparison sensitive analysis
10-year 3-hour storm


------------------------------------------------------------------------
Drainage Area =      91.80(Ac.)  =      0.143 Sq. Mi.
Drainage Area for Depth-Area Areal Adjustment =      91.80(Ac.)  =      0.143 Sq. Mi.
Length along longest watercourse =    3564.00(Ft.)
Length along longest watercourse measured to centroid =    1672.00(Ft.)
Length along longest watercourse =      0.675 Mi.
Length along longest watercourse measured to centroid =      0.317 Mi.
Difference in elevation =      91.00(Ft.)
Slope along watercourse =    134.8148 Ft./Mi.
Average Manning's 'N' = 0.030
Lag time =    0.158 Hr.
Lag time =     9.47 Min.
25% of lag time =     2.37 Min.
40% of lag time =     3.79 Min.
Unit time =     5.00 Min.
Duration of storm = 3 Hour(s)
User Entered Base Flow =     0.00(CFS)

2 YEAR Area rainfall data:


Area(Ac.)[1]       Rainfall(In)[2]      Weighting[1*2]
       91.80          0.77                70.69

100 YEAR Area rainfall data:


Area(Ac.)[1]       Rainfall(In)[2]      Weighting[1*2]
       91.80          1.77               162.49

STORM EVENT (YEAR) =   10.00
```

```
Area Averaged 2-Year Rainfall =    0.770(In)
Area Averaged 100-Year Rainfall =    1.770(In)

Point rain (area averaged) =    1.181(In)
Areal adjustment factor =   99.96 %
Adjusted average point rain =    1.181(In)

Sub-Area Data:
Area(Ac.)          Runoff Index   Impervious %
    91.800           81.80          0.010
 Total Area Entered =     91.80(Ac.)


RI    RI   Infil. Rate Impervious   Adj. Infil. Rate  Area%     F
AMC2 AMC-2     (In/Hr)    (Dec.%)      (In/Hr)       (Dec.)    (In/Hr)
81.8  81.8      0.223     0.010         0.221        1.000      0.221
                                                   Sum (F) =    0.221
Area averaged mean soil loss (F) (In/Hr) =  0.221
Minimum soil loss rate ((In/Hr)) =  0.111
(for 24 hour storm duration)
Soil low loss rate (decimal) =   0.890
------------------------------------------------------------------------

             U n i t  H y d r o g r a p h
                    VALLEY S-Curve
------------------------------------------------------------------------
             Unit Hydrograph Data
------------------------------------------------------------------------
Unit time period   Time % of lag   Distribution   Unit Hydrograph
    (hrs)                           Graph %            (CFS)
------------------------------------------------------------------------
    1   0.083         52.817          6.673             6.173
    2   0.167        105.634         28.498            26.366
    3   0.250        158.450         28.462            26.332
    4   0.333        211.267         12.020            11.121
    5   0.417        264.084          6.556             6.065
    6   0.500        316.901          4.556             4.215
    7   0.583        369.718          3.275             3.030
    8   0.667        422.534          2.432             2.250
    9   0.750        475.351          1.782             1.649
   10   0.833        528.168          1.539             1.424
   11   0.917        580.985          1.172             1.084
   12   1.000        633.802          0.925             0.856
   13   1.083        686.618          0.702             0.650
   14   1.167        739.435          0.538             0.498
   15   1.250        792.252          0.528             0.489
   16   1.333        845.069          0.342             0.316
                               Sum = 100.000   Sum=      92.517
------------------------------------------------------------------------


 The following loss rate calculations reflect use of the minimum calculated loss
 rate subtracted from the Storm Rain to produce the maximum Effective Rain value

  Unit Time   Pattern   Storm Rain     Loss rate(In./Hr)     Effective
       (Hr.)  Percent   (In/Hr)         Max   |   Low         (In/Hr)
  1   0.08     1.30      0.184       (  0.221)       0.164        0.020
  2   0.17     1.30      0.184       (  0.221)       0.164        0.020
  3   0.25     1.10      0.156       (  0.221)       0.139        0.017
  4   0.33     1.50      0.213       (  0.221)       0.189        0.023
  5   0.42     1.50      0.213       (  0.221)       0.189        0.023
  6   0.50     1.80      0.255          0.221    (  0.227)        0.034
  7   0.58     1.50      0.213       (  0.221)       0.189        0.023
```

```
 8   0.67     1.80      0.255          0.221    (  0.227)        0.034
 9   0.75     1.80      0.255          0.221    (  0.227)        0.034
10   0.83     1.50      0.213       (  0.221)       0.189        0.023
11   0.92     1.60      0.227       (  0.221)       0.202        0.025
12   1.00     1.80      0.255          0.221    (  0.227)        0.034
13   1.08     2.20      0.312          0.221    (  0.277)        0.090
14   1.17     2.20      0.312          0.221    (  0.277)        0.090
15   1.25     2.20      0.312          0.221    (  0.277)        0.090
16   1.33     2.00      0.283          0.221    (  0.252)        0.062
17   1.42     2.60      0.368          0.221    (  0.328)        0.147
18   1.50     2.70      0.383          0.221    (  0.341)        0.161
19   1.58     2.40      0.340          0.221    (  0.303)        0.119
20   1.67     2.70      0.383          0.221    (  0.341)        0.161
21   1.75     3.30      0.468          0.221    (  0.416)        0.246
22   1.83     3.10      0.439          0.221    (  0.391)        0.218
23   1.92     2.90      0.411          0.221    (  0.366)        0.189
24   2.00     3.00      0.425          0.221    (  0.378)        0.204
25   2.08     3.10      0.439          0.221    (  0.391)        0.218
26   2.17     4.20      0.595          0.221    (  0.530)        0.374
27   2.25     5.00      0.709          0.221    (  0.631)        0.487
28   2.33     3.50      0.496          0.221    (  0.441)        0.275
29   2.42     6.80      0.964          0.221    (  0.858)        0.742
30   2.50     7.30      1.034          0.221    (  0.921)        0.813
31   2.58     8.20      1.162          0.221    (  1.034)        0.941
32   2.67     5.90      0.836          0.221    (  0.744)        0.615
33   2.75     2.00      0.283          0.221    (  0.252)        0.062
34   2.83     1.80      0.255          0.221    (  0.227)        0.034
35   2.92     1.80      0.255          0.221    (  0.227)        0.034
36   3.00     0.60      0.085       (  0.221)       0.076        0.009
          (Loss Rate Not Used)
   Sum =     100.0                                  Sum =     6.7
    Flood volume = Effective rainfall      0.56(In)
     times area      91.8(Ac.)/[(In)/(Ft.)] =       4.3(Ac.Ft)
    Total soil loss =      0.62(In)
    Total soil loss =     4.769(Ac.Ft)
    Total rainfall =      1.18(In)
    Flood volume =      185796.7 Cubic Feet
    Total soil loss =      207730.5 Cubic Feet
    ---------------------------------------------------------------------
     Peak flow rate of this hydrograph =     64.971(CFS)
    ---------------------------------------------------------------------
    +++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
                        3 - H O U R    S T O R M
                    R u n o f f      H y d r o g r a p h
    ---------------------------------------------------------------------
                Hydrograph in   5   Minute intervals ((CFS))

    ---------------------------------------------------------------------
Time(h+m) Volume Ac.Ft   Q(CFS)  0       17.5      35.0      52.5      70.0
-------------------------------------------------------------------------
  0+ 5       0.0009      0.13  Q         |         |         |         |
  0+10       0.0054      0.66  Q         |         |         |         |
  0+15       0.0135      1.17  Q         |         |         |         |
  0+20       0.0228      1.36  Q         |         |         |         |
  0+25       0.0336      1.56  Q         |         |         |         |
  0+30       0.0463      1.84  VQ        |         |         |         |
  0+35       0.0611      2.16  VQ        |         |         |         |
  0+40       0.0769      2.29  VQ        |         |         |         |
  0+45       0.0938      2.46  VQ        |         |         |         |
  0+50       0.1121      2.65  |Q        |         |         |         |
  0+55       0.1294      2.52  |Q        |         |         |         |
  1+ 0       0.1460      2.42  |Q        |         |         |         |
  1+ 5       0.1665      2.97  |Q        |         |         |         |
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    1+10       0.1989      4.69  |VQ        |          |          |          |
    1+15       0.2421      6.28  | VQ       |          |          |          |
    1+20       0.2889      6.79  | VQ       |          |          |          |
    1+25       0.3367      6.94  |  Q       |          |          |          |
    1+30       0.3972      8.79  |  V Q     |          |          |          |
    1+35       0.4731     11.01  |   V Q    |          |          |          |
    1+40       0.5519     11.44  |    VQ    |          |          |          |
    1+45       0.6388     12.63  |    V Q   |          |          |          |
    1+50       0.7476     15.79  |      V Q |          |          |          |
    1+55       0.8690     17.64  |       V Q          |          |          |
    2+ 0       0.9895     17.50  |        Q |          |          |          |
    2+ 5       1.1110     17.63  |         Q          |          |          |
    2+10       1.2445     19.39  |         |Q         |          |          |
    2+15       1.4156     24.85  |         |  VQ      |          |          |
    2+20       1.6288     30.96  |         |    V Q   |          |          |
    2+25       1.8572     33.16  |         |      VQ  |          |          |
    2+30       2.1514     42.71  |         |         V   Q      |          |
    2+35       2.5425     56.79  |         |          |  V       | Q        |
    2+40       2.9900     64.97  |         |          |       V  |       Q  |
    2+45       3.4018     59.79  |         |          |          |V  Q      |
    2+50       3.6785     40.18  |         |          | Q        |   V      |
    2+55       3.8419     23.72  |         |  Q       |          |     V    |
    3+ 0       3.9555     16.50  |        Q|          |          |       V  |
    3+ 5       4.0383     12.02  |      Q   |          |          |       V  |
    3+10       4.0982      8.69  |   Q      |          |          |        V |
    3+15       4.1425      6.44  |  Q       |          |          |        V |
    3+20       4.1769      4.98  | Q        |          |          |         V|
    3+25       4.2036      3.89  | Q        |          |          |         V|
    3+30       4.2236      2.91  |Q         |          |          |         V|
    3+35       4.2387      2.18  |Q         |          |          |         V|
    3+40       4.2501      1.65  Q          |          |          |         V|
    3+45       4.2579      1.14  Q          |          |          |         V|
    3+50       4.2627      0.69  Q          |          |          |         V|
    3+55       4.2646      0.27  Q          |          |          |         V|
    4+ 0       4.2650      0.06  Q          |          |          |         V|
    4+ 5       4.2652      0.03  Q          |          |          |         V|
    4+10       4.2653      0.02  Q          |          |          |         V|
    4+15       4.2653      0.00  Q          |          |          |         V|
-------------------------------------------------------------------------
```

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      U n i t   H y d r o g r a p h   A n a l y s i s

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            Study date  03/20/24 File: 907hydc10ex610.out


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Riverside County Synthetic Unit Hydrology Method
RCFC & WCD Manual date - April 1978


Program License Serial Number 4029

------------------------------------------------------------------------
 English (in-lb) Input Units Used
 English Rainfall Data (Inches) Input Values Used

 English Units used in output format



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

Keller Crossing, Tr. 38163
Hydrology Existing Condition Area C onsite = 91.8 Ac
For comparison sensitive analysis
10-year 6-hour storm


------------------------------------------------------------------------
Drainage Area =      91.80(Ac.)  =      0.143 Sq. Mi.
Drainage Area for Depth-Area Areal Adjustment =      91.80(Ac.)  =      0.143 Sq. Mi.
Length along longest watercourse =    3564.00(Ft.)
Length along longest watercourse measured to centroid =    1672.00(Ft.)
Length along longest watercourse =      0.675 Mi.
Length along longest watercourse measured to centroid =      0.317 Mi.
Difference in elevation =      91.00(Ft.)
Slope along watercourse =    134.8148 Ft./Mi.
Average Manning's 'N' = 0.030
Lag time =    0.158 Hr.
Lag time =     9.47 Min.
25% of lag time =     2.37 Min.
40% of lag time =     3.79 Min.
Unit time =     5.00 Min.
Duration of storm = 6 Hour(s)
User Entered Base Flow =     0.00(CFS)

2 YEAR Area rainfall data:


Area(Ac.)[1]       Rainfall(In)[2]      Weighting[1*2]
       91.80          0.95                87.21

100 YEAR Area rainfall data:


Area(Ac.)[1]       Rainfall(In)[2]      Weighting[1*2]
       91.80          2.45               224.91

STORM EVENT (YEAR) =   10.00
```

```
Area Averaged 2-Year Rainfall =    0.950(In)
Area Averaged 100-Year Rainfall =    2.450(In)

Point rain (area averaged) =    1.567(In)
Areal adjustment factor =   99.97 %
Adjusted average point rain =    1.567(In)

Sub-Area Data:
Area(Ac.)          Runoff Index   Impervious %
    91.800           81.80          0.010
 Total Area Entered =     91.80(Ac.)


RI    RI   Infil. Rate Impervious   Adj. Infil. Rate  Area%     F
AMC2 AMC-2     (In/Hr)    (Dec.%)      (In/Hr)       (Dec.)    (In/Hr)
81.8  81.8      0.223     0.010         0.221        1.000      0.221
                                                   Sum (F) =   0.221
Area averaged mean soil loss (F) (In/Hr) =  0.221
Minimum soil loss rate ((In/Hr)) =  0.111
(for 24 hour storm duration)
Soil low loss rate (decimal) =   0.890
------------------------------------------------------------------------

             U n i t  H y d r o g r a p h
                    VALLEY S-Curve
------------------------------------------------------------------------
             Unit Hydrograph Data
------------------------------------------------------------------------
Unit time period   Time % of lag   Distribution   Unit Hydrograph
    (hrs)                          Graph %            (CFS)
------------------------------------------------------------------------
    1   0.083         52.817          6.673             6.173
    2   0.167        105.634         28.498            26.366
    3   0.250        158.450         28.462            26.332
    4   0.333        211.267         12.020            11.121
    5   0.417        264.084          6.556             6.065
    6   0.500        316.901          4.556             4.215
    7   0.583        369.718          3.275             3.030
    8   0.667        422.534          2.432             2.250
    9   0.750        475.351          1.782             1.649
   10   0.833        528.168          1.539             1.424
   11   0.917        580.985          1.172             1.084
   12   1.000        633.802          0.925             0.856
   13   1.083        686.618          0.702             0.650
   14   1.167        739.435          0.538             0.498
   15   1.250        792.252          0.528             0.489
   16   1.333        845.069          0.342             0.316
                               Sum = 100.000   Sum=      92.517
------------------------------------------------------------------------

 The following loss rate calculations reflect use of the minimum calculated loss
 rate subtracted from the Storm Rain to produce the maximum Effective Rain value

  Unit Time   Pattern   Storm Rain     Loss rate(In./Hr)     Effective
       (Hr.)  Percent   (In/Hr)         Max   |   Low        (In/Hr)
  1   0.08     0.50      0.094       (  0.221)       0.084        0.010
  2   0.17     0.60      0.113       (  0.221)       0.100        0.012
  3   0.25     0.60      0.113       (  0.221)       0.100        0.012
  4   0.33     0.60      0.113       (  0.221)       0.100        0.012
  5   0.42     0.60      0.113       (  0.221)       0.100        0.012
  6   0.50     0.70      0.132       (  0.221)       0.117        0.014
  7   0.58     0.70      0.132       (  0.221)       0.117        0.014
```

8	0.67	0.70	0.132	(0.221)	0.117	0.014
9	0.75	0.70	0.132	(0.221)	0.117	0.014
10	0.83	0.70	0.132	(0.221)	0.117	0.014
11	0.92	0.70	0.132	(0.221)	0.117	0.014
12	1.00	0.80	0.150	(0.221)	0.134	0.017
13	1.08	0.80	0.150	(0.221)	0.134	0.017
14	1.17	0.80	0.150	(0.221)	0.134	0.017
15	1.25	0.80	0.150	(0.221)	0.134	0.017
16	1.33	0.80	0.150	(0.221)	0.134	0.017
17	1.42	0.80	0.150	(0.221)	0.134	0.017
18	1.50	0.80	0.150	(0.221)	0.134	0.017
19	1.58	0.80	0.150	(0.221)	0.134	0.017
20	1.67	0.80	0.150	(0.221)	0.134	0.017
21	1.75	0.80	0.150	(0.221)	0.134	0.017
22	1.83	0.80	0.150	(0.221)	0.134	0.017
23	1.92	0.80	0.150	(0.221)	0.134	0.017
24	2.00	0.90	0.169	(0.221)	0.151	0.019
25	2.08	0.80	0.150	(0.221)	0.134	0.017
26	2.17	0.90	0.169	(0.221)	0.151	0.019
27	2.25	0.90	0.169	(0.221)	0.151	0.019
28	2.33	0.90	0.169	(0.221)	0.151	0.019
29	2.42	0.90	0.169	(0.221)	0.151	0.019
30	2.50	0.90	0.169	(0.221)	0.151	0.019
31	2.58	0.90	0.169	(0.221)	0.151	0.019
32	2.67	0.90	0.169	(0.221)	0.151	0.019
33	2.75	1.00	0.188	(0.221)	0.167	0.021
34	2.83	1.00	0.188	(0.221)	0.167	0.021
35	2.92	1.00	0.188	(0.221)	0.167	0.021
36	3.00	1.00	0.188	(0.221)	0.167	0.021
37	3.08	1.00	0.188	(0.221)	0.167	0.021
38	3.17	1.10	0.207	(0.221)	0.184	0.023
39	3.25	1.10	0.207	(0.221)	0.184	0.023
40	3.33	1.10	0.207	(0.221)	0.184	0.023
41	3.42	1.20	0.226	(0.221)	0.201	0.025
42	3.50	1.30	0.244	(0.221)	0.218	0.027
43	3.58	1.40	0.263	0.221	(0.234)	0.042
44	3.67	1.40	0.263	0.221	(0.234)	0.042
45	3.75	1.50	0.282	0.221	(0.251)	0.061
46	3.83	1.50	0.282	0.221	(0.251)	0.061
47	3.92	1.60	0.301	0.221	(0.268)	0.079
48	4.00	1.60	0.301	0.221	(0.268)	0.079
49	4.08	1.70	0.320	0.221	(0.284)	0.098
50	4.17	1.80	0.338	0.221	(0.301)	0.117
51	4.25	1.90	0.357	0.221	(0.318)	0.136
52	4.33	2.00	0.376	0.221	(0.335)	0.155
53	4.42	2.10	0.395	0.221	(0.351)	0.173
54	4.50	2.10	0.395	0.221	(0.351)	0.173
55	4.58	2.20	0.414	0.221	(0.368)	0.192
56	4.67	2.30	0.432	0.221	(0.385)	0.211
57	4.75	2.40	0.451	0.221	(0.402)	0.230
58	4.83	2.40	0.451	0.221	(0.402)	0.230
59	4.92	2.50	0.470	0.221	(0.418)	0.249
60	5.00	2.60	0.489	0.221	(0.435)	0.267
61	5.08	3.10	0.583	0.221	(0.519)	0.361
62	5.17	3.60	0.677	0.221	(0.602)	0.455
63	5.25	3.90	0.733	0.221	(0.653)	0.512
64	5.33	4.20	0.790	0.221	(0.703)	0.568
65	5.42	4.70	0.884	0.221	(0.786)	0.662
66	5.50	5.60	1.053	0.221	(0.937)	0.831
67	5.58	1.90	0.357	0.221	(0.318)	0.136
68	5.67	0.90	0.169	(0.221)	0.151	0.019
69	5.75	0.60	0.113	(0.221)	0.100	0.012
70	5.83	0.50	0.094	(0.221)	0.084	0.010

```
71   5.92     0.30      0.056       (  0.221)       0.050        0.006
72   6.00     0.20      0.038       (  0.221)       0.033        0.004
           (Loss Rate Not Used)
   Sum =     100.0                                   Sum =     6.9
     Flood volume = Effective rainfall      0.58(In)
      times area      91.8(Ac.)/[(In)/(Ft.)] =       4.4(Ac.Ft)
     Total soil loss =      0.99(In)
     Total soil loss =     7.583(Ac.Ft)
     Total rainfall =      1.57(In)
     Flood volume =      191741.0 Cubic Feet
     Total soil loss =      330309.3 Cubic Feet
     ---------------------------------------------------------------------
      Peak flow rate of this hydrograph =     54.767(CFS)
     ---------------------------------------------------------------------
     +++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
                          6 - H O U R    S T O R M
                     R u n o f f     H y d r o g r a p h
     ---------------------------------------------------------------------
                 Hydrograph in   5   Minute intervals ((CFS))

     ---------------------------------------------------------------------
Time(h+m) Volume Ac.Ft   Q(CFS)  0       15.0      30.0      45.0      60.0
---------------------------------------------------------------------------
  0+ 5       0.0004      0.06  Q          |         |         |         |
  0+10       0.0028      0.35  Q          |         |         |         |
  0+15       0.0075      0.68  Q          |         |         |         |
  0+20       0.0133      0.85  Q          |         |         |         |
  0+25       0.0197      0.93  Q          |         |         |         |
  0+30       0.0266      1.00  Q          |         |         |         |
  0+35       0.0342      1.10  Q          |         |         |         |
  0+40       0.0423      1.18  Q          |         |         |         |
  0+45       0.0507      1.22  Q          |         |         |         |
  0+50       0.0594      1.25  Q          |         |         |         |
  0+55       0.0682      1.28  Q          |         |         |         |
  1+ 0       0.0772      1.31  Q          |         |         |         |
  1+ 5       0.0866      1.38  Q          |         |         |         |
  1+10       0.0966      1.44  Q          |         |         |         |
  1+15       0.1067      1.47  Q          |         |         |         |
  1+20       0.1170      1.49  QV         |         |         |         |
  1+25       0.1273      1.50  |Q         |         |         |         |
  1+30       0.1377      1.51  |Q         |         |         |         |
  1+35       0.1481      1.52  |Q         |         |         |         |
  1+40       0.1586      1.52  |Q         |         |         |         |
  1+45       0.1691      1.52  |Q         |         |         |         |
  1+50       0.1796      1.53  |Q         |         |         |         |
  1+55       0.1901      1.53  |Q         |         |         |         |
  2+ 0       0.2007      1.54  |Q         |         |         |         |
  2+ 5       0.2117      1.58  |Q         |         |         |         |
  2+10       0.2227      1.60  |QV        |         |         |         |
  2+15       0.2338      1.62  |QV        |         |         |         |
  2+20       0.2453      1.67  |QV        |         |         |         |
  2+25       0.2569      1.68  |QV        |         |         |         |
  2+30       0.2686      1.69  |QV        |         |         |         |
  2+35       0.2803      1.70  |QV        |         |         |         |
  2+40       0.2921      1.71  |QV        |         |         |         |
  2+45       0.3039      1.72  |QV        |         |         |         |
  2+50       0.3162      1.78  |QV        |         |         |         |
  2+55       0.3289      1.84  |QV        |         |         |         |
  3+ 0       0.3417      1.86  |Q V       |         |         |         |
  3+ 5       0.3546      1.88  |Q V       |         |         |         |
  3+10       0.3677      1.90  |Q V       |         |         |         |
  3+15       0.3812      1.96  |Q V       |         |         |         |
  3+20       0.3951      2.02  |Q V       |         |         |         |
```

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   3+25       0.4093      2.06  |Q V       |          |          |          |
   3+30       0.4241      2.14  |Q V       |          |          |          |
   3+35       0.4403      2.36  |Q  V      |          |          |          |
   3+40       0.4598      2.83  |Q  V      |          |          |          |
   3+45       0.4831      3.38  | Q V      |          |          |          |
   3+50       0.5111      4.07  | Q V      |          |          |          |
   3+55       0.5441      4.79  |  QV      |          |          |          |
   4+ 0       0.5824      5.57  |  Q V     |          |          |          |
   4+ 5       0.6262      6.35  |   QV     |          |          |          |
   4+10       0.6764      7.29  |   Q V    |          |          |          |
   4+15       0.7356      8.60  |    QV    |          |          |          |
   4+20       0.8049     10.06  |     QV   |          |          |          |
   4+25       0.8848     11.60  |      QV  |          |          |          |
   4+30       0.9749     13.08  |       Q  |          |          |          |
   4+35       1.0728     14.22  |        Q |          |          |          |
   4+40       1.1788     15.38  |          Q          |          |          |
   4+45       1.2948     16.85  |          |Q         |          |          |
   4+50       1.4210     18.32  |          | Q       |          |          |
   4+55       1.5550     19.45  |          | Q V     |          |          |
   5+ 0       1.6970     20.62  |          |  Q V    |          |          |
   5+ 5       1.8523     22.56  |          |    QV   |          |          |
   5+10       2.0355     26.59  |          |      QV |          |          |
   5+15       2.2587     32.42  |          |         VQ         |          |
   5+20       2.5213     38.12  |          |         | V  Q     |          |
   5+25       2.8211     43.54  |          |         |    V   Q|          |
   5+30       3.1678     50.33  |          |         |       V |  Q       |
   5+35       3.5450     54.77  |          |         |         | V   Q    |
   5+40       3.8368     42.38  |          |         |       Q |   V      |
   5+45       4.0037     24.23  |          |     Q   |         |     V    |
   5+50       4.1091     15.30  |         Q          |         |      V   |
   5+55       4.1850     11.03  |       Q  |         |         |       V  |
   6+ 0       4.2418      8.25  |     Q    |         |         |       V  |
   6+ 5       4.2847      6.23  |    Q     |         |         |       V  |
   6+10       4.3172      4.71  |   Q      |         |         |        V |
   6+15       4.3422      3.64  |  Q       |         |         |        V |
   6+20       4.3613      2.76  | Q        |         |         |        V |
   6+25       4.3756      2.07  |Q         |         |         |        V |
   6+30       4.3859      1.51  |Q         |         |         |        V |
   6+35       4.3933      1.07  Q          |         |         |        V |
   6+40       4.3984      0.73  Q          |         |         |        V |
   6+45       4.4009      0.37  Q          |         |         |        V |
   6+50       4.4014      0.07  Q          |         |         |        V |
   6+55       4.4016      0.02  Q          |         |         |        V |
   7+ 0       4.4017      0.01  Q          |         |         |        V |
   7+ 5       4.4017      0.01  Q          |         |         |        V |
   7+10       4.4018      0.00  Q          |         |         |        V |
   7+15       4.4018      0.00  Q          |         |         |         V
-------------------------------------------------------------------------
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```
      U n i t   H y d r o g r a p h   A n a l y s i s

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            Study date  03/20/24 File: 907hydc10ex2410.out


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

Riverside County Synthetic Unit Hydrology Method
RCFC & WCD Manual date - April 1978


Program License Serial Number 4029

------------------------------------------------------------------------
 English (in-lb) Input Units Used
 English Rainfall Data (Inches) Input Values Used

 English Units used in output format



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

Keller Crossing, Tr. 38163
Hydrology Existing Condition Area C onsite = 91.8 Ac
For comparison sensitive analysis
10-year 24-hour storm


------------------------------------------------------------------------
Drainage Area =      91.80(Ac.)  =      0.143 Sq. Mi.
Drainage Area for Depth-Area Areal Adjustment =      91.80(Ac.)  =      0.143 Sq. Mi.
Length along longest watercourse =    3564.00(Ft.)
Length along longest watercourse measured to centroid =    1672.00(Ft.)
Length along longest watercourse =      0.675 Mi.
Length along longest watercourse measured to centroid =      0.317 Mi.
Difference in elevation =      91.00(Ft.)
Slope along watercourse =    134.8148 Ft./Mi.
Average Manning's 'N' = 0.030
Lag time =    0.158 Hr.
Lag time =     9.47 Min.
25% of lag time =     2.37 Min.
40% of lag time =     3.79 Min.
Unit time =     5.00 Min.
Duration of storm = 24 Hour(s)
User Entered Base Flow =     0.00(CFS)

2 YEAR Area rainfall data:


Area(Ac.)[1]       Rainfall(In)[2]      Weighting[1*2]
       91.80          1.55              142.29

100 YEAR Area rainfall data:


Area(Ac.)[1]       Rainfall(In)[2]      Weighting[1*2]
       91.80          4.05              371.79

STORM EVENT (YEAR) =   10.00
```

```
Area Averaged 2-Year Rainfall =    1.550(In)
Area Averaged 100-Year Rainfall =    4.050(In)

Point rain (area averaged) =    2.579(In)
Areal adjustment factor =   99.98 %
Adjusted average point rain =    2.578(In)

Sub-Area Data:
Area(Ac.)          Runoff Index   Impervious %
    91.800           81.80          0.010
 Total Area Entered =     91.80(Ac.)


RI    RI   Infil. Rate Impervious   Adj. Infil. Rate  Area%     F
AMC2 AMC-2     (In/Hr)    (Dec.%)      (In/Hr)       (Dec.)    (In/Hr)
81.8  81.8      0.223     0.010         0.221        1.000      0.221
                                                   Sum (F) =   0.221
Area averaged mean soil loss (F) (In/Hr) =  0.221
Minimum soil loss rate ((In/Hr)) =  0.111
(for 24 hour storm duration)
Soil low loss rate (decimal) =   0.890
------------------------------------------------------------------------

             U n i t  H y d r o g r a p h
                    VALLEY S-Curve
------------------------------------------------------------------------
             Unit Hydrograph Data
------------------------------------------------------------------------
Unit time period   Time % of lag   Distribution   Unit Hydrograph
    (hrs)                          Graph %            (CFS)
------------------------------------------------------------------------
    1   0.083         52.817          6.673             6.173
    2   0.167        105.634         28.498            26.366
    3   0.250        158.450         28.462            26.332
    4   0.333        211.267         12.020            11.121
    5   0.417        264.084          6.556             6.065
    6   0.500        316.901          4.556             4.215
    7   0.583        369.718          3.275             3.030
    8   0.667        422.534          2.432             2.250
    9   0.750        475.351          1.782             1.649
   10   0.833        528.168          1.539             1.424
   11   0.917        580.985          1.172             1.084
   12   1.000        633.802          0.925             0.856
   13   1.083        686.618          0.702             0.650
   14   1.167        739.435          0.538             0.498
   15   1.250        792.252          0.528             0.489
   16   1.333        845.069          0.342             0.316
                               Sum = 100.000   Sum=      92.517
------------------------------------------------------------------------

 The following loss rate calculations reflect use of the minimum calculated loss
 rate subtracted from the Storm Rain to produce the maximum Effective Rain value

  Unit Time   Pattern   Storm Rain     Loss rate(In./Hr)     Effective
       (Hr.)  Percent   (In/Hr)         Max   |   Low        (In/Hr)
  1   0.08     0.07      0.021       (  0.393)       0.018        0.002
  2   0.17     0.07      0.021       (  0.391)       0.018        0.002
  3   0.25     0.07      0.021       (  0.390)       0.018        0.002
  4   0.33     0.10      0.031       (  0.388)       0.028        0.003
  5   0.42     0.10      0.031       (  0.387)       0.028        0.003
  6   0.50     0.10      0.031       (  0.385)       0.028        0.003
  7   0.58     0.10      0.031       (  0.384)       0.028        0.003
```

8	0.67	0.10	0.031	(0.382)	0.028	0.003
9	0.75	0.10	0.031	(0.381)	0.028	0.003
10	0.83	0.13	0.041	(0.379)	0.037	0.005
11	0.92	0.13	0.041	(0.378)	0.037	0.005
12	1.00	0.13	0.041	(0.376)	0.037	0.005
13	1.08	0.10	0.031	(0.375)	0.028	0.003
14	1.17	0.10	0.031	(0.373)	0.028	0.003
15	1.25	0.10	0.031	(0.372)	0.028	0.003
16	1.33	0.10	0.031	(0.370)	0.028	0.003
17	1.42	0.10	0.031	(0.369)	0.028	0.003
18	1.50	0.10	0.031	(0.367)	0.028	0.003
19	1.58	0.10	0.031	(0.366)	0.028	0.003
20	1.67	0.10	0.031	(0.364)	0.028	0.003
21	1.75	0.10	0.031	(0.363)	0.028	0.003
22	1.83	0.13	0.041	(0.361)	0.037	0.005
23	1.92	0.13	0.041	(0.360)	0.037	0.005
24	2.00	0.13	0.041	(0.358)	0.037	0.005
25	2.08	0.13	0.041	(0.357)	0.037	0.005
26	2.17	0.13	0.041	(0.356)	0.037	0.005
27	2.25	0.13	0.041	(0.354)	0.037	0.005
28	2.33	0.13	0.041	(0.353)	0.037	0.005
29	2.42	0.13	0.041	(0.351)	0.037	0.005
30	2.50	0.13	0.041	(0.350)	0.037	0.005
31	2.58	0.17	0.052	(0.348)	0.046	0.006
32	2.67	0.17	0.052	(0.347)	0.046	0.006
33	2.75	0.17	0.052	(0.345)	0.046	0.006
34	2.83	0.17	0.052	(0.344)	0.046	0.006
35	2.92	0.17	0.052	(0.343)	0.046	0.006
36	3.00	0.17	0.052	(0.341)	0.046	0.006
37	3.08	0.17	0.052	(0.340)	0.046	0.006
38	3.17	0.17	0.052	(0.338)	0.046	0.006
39	3.25	0.17	0.052	(0.337)	0.046	0.006
40	3.33	0.17	0.052	(0.336)	0.046	0.006
41	3.42	0.17	0.052	(0.334)	0.046	0.006
42	3.50	0.17	0.052	(0.333)	0.046	0.006
43	3.58	0.17	0.052	(0.331)	0.046	0.006
44	3.67	0.17	0.052	(0.330)	0.046	0.006
45	3.75	0.17	0.052	(0.329)	0.046	0.006
46	3.83	0.20	0.062	(0.327)	0.055	0.007
47	3.92	0.20	0.062	(0.326)	0.055	0.007
48	4.00	0.20	0.062	(0.324)	0.055	0.007
49	4.08	0.20	0.062	(0.323)	0.055	0.007
50	4.17	0.20	0.062	(0.322)	0.055	0.007
51	4.25	0.20	0.062	(0.320)	0.055	0.007
52	4.33	0.23	0.072	(0.319)	0.064	0.008
53	4.42	0.23	0.072	(0.318)	0.064	0.008
54	4.50	0.23	0.072	(0.316)	0.064	0.008
55	4.58	0.23	0.072	(0.315)	0.064	0.008
56	4.67	0.23	0.072	(0.314)	0.064	0.008
57	4.75	0.23	0.072	(0.312)	0.064	0.008
58	4.83	0.27	0.082	(0.311)	0.073	0.009
59	4.92	0.27	0.082	(0.310)	0.073	0.009
60	5.00	0.27	0.082	(0.308)	0.073	0.009
61	5.08	0.20	0.062	(0.307)	0.055	0.007
62	5.17	0.20	0.062	(0.306)	0.055	0.007
63	5.25	0.20	0.062	(0.304)	0.055	0.007
64	5.33	0.23	0.072	(0.303)	0.064	0.008
65	5.42	0.23	0.072	(0.302)	0.064	0.008
66	5.50	0.23	0.072	(0.300)	0.064	0.008
67	5.58	0.27	0.082	(0.299)	0.073	0.009
68	5.67	0.27	0.082	(0.298)	0.073	0.009
69	5.75	0.27	0.082	(0.296)	0.073	0.009
70	5.83	0.27	0.082	(0.295)	0.073	0.009

71	5.92	0.27	0.082	(0.294)	0.073	0.009
72	6.00	0.27	0.082	(0.292)	0.073	0.009
73	6.08	0.30	0.093	(0.291)	0.083	0.010
74	6.17	0.30	0.093	(0.290)	0.083	0.010
75	6.25	0.30	0.093	(0.288)	0.083	0.010
76	6.33	0.30	0.093	(0.287)	0.083	0.010
77	6.42	0.30	0.093	(0.286)	0.083	0.010
78	6.50	0.30	0.093	(0.285)	0.083	0.010
79	6.58	0.33	0.103	(0.283)	0.092	0.011
80	6.67	0.33	0.103	(0.282)	0.092	0.011
81	6.75	0.33	0.103	(0.281)	0.092	0.011
82	6.83	0.33	0.103	(0.279)	0.092	0.011
83	6.92	0.33	0.103	(0.278)	0.092	0.011
84	7.00	0.33	0.103	(0.277)	0.092	0.011
85	7.08	0.33	0.103	(0.276)	0.092	0.011
86	7.17	0.33	0.103	(0.274)	0.092	0.011
87	7.25	0.33	0.103	(0.273)	0.092	0.011
88	7.33	0.37	0.113	(0.272)	0.101	0.012
89	7.42	0.37	0.113	(0.271)	0.101	0.012
90	7.50	0.37	0.113	(0.269)	0.101	0.012
91	7.58	0.40	0.124	(0.268)	0.110	0.014
92	7.67	0.40	0.124	(0.267)	0.110	0.014
93	7.75	0.40	0.124	(0.266)	0.110	0.014
94	7.83	0.43	0.134	(0.265)	0.119	0.015
95	7.92	0.43	0.134	(0.263)	0.119	0.015
96	8.00	0.43	0.134	(0.262)	0.119	0.015
97	8.08	0.50	0.155	(0.261)	0.138	0.017
98	8.17	0.50	0.155	(0.260)	0.138	0.017
99	8.25	0.50	0.155	(0.258)	0.138	0.017
100	8.33	0.50	0.155	(0.257)	0.138	0.017
101	8.42	0.50	0.155	(0.256)	0.138	0.017
102	8.50	0.50	0.155	(0.255)	0.138	0.017
103	8.58	0.53	0.165	(0.254)	0.147	0.018
104	8.67	0.53	0.165	(0.252)	0.147	0.018
105	8.75	0.53	0.165	(0.251)	0.147	0.018
106	8.83	0.57	0.175	(0.250)	0.156	0.019
107	8.92	0.57	0.175	(0.249)	0.156	0.019
108	9.00	0.57	0.175	(0.248)	0.156	0.019
109	9.08	0.63	0.196	(0.247)	0.174	0.022
110	9.17	0.63	0.196	(0.245)	0.174	0.022
111	9.25	0.63	0.196	(0.244)	0.174	0.022
112	9.33	0.67	0.206	(0.243)	0.184	0.023
113	9.42	0.67	0.206	(0.242)	0.184	0.023
114	9.50	0.67	0.206	(0.241)	0.184	0.023
115	9.58	0.70	0.217	(0.240)	0.193	0.024
116	9.67	0.70	0.217	(0.238)	0.193	0.024
117	9.75	0.70	0.217	(0.237)	0.193	0.024
118	9.83	0.73	0.227	(0.236)	0.202	0.025
119	9.92	0.73	0.227	(0.235)	0.202	0.025
120	10.00	0.73	0.227	(0.234)	0.202	0.025
121	10.08	0.50	0.155	(0.233)	0.138	0.017
122	10.17	0.50	0.155	(0.232)	0.138	0.017
123	10.25	0.50	0.155	(0.230)	0.138	0.017
124	10.33	0.50	0.155	(0.229)	0.138	0.017
125	10.42	0.50	0.155	(0.228)	0.138	0.017
126	10.50	0.50	0.155	(0.227)	0.138	0.017
127	10.58	0.67	0.206	(0.226)	0.184	0.023
128	10.67	0.67	0.206	(0.225)	0.184	0.023
129	10.75	0.67	0.206	(0.224)	0.184	0.023
130	10.83	0.67	0.206	(0.223)	0.184	0.023
131	10.92	0.67	0.206	(0.222)	0.184	0.023
132	11.00	0.67	0.206	(0.221)	0.184	0.023
133	11.08	0.63	0.196	(0.219)	0.174	0.022

134	11.17	0.63	0.196	(0.218)	0.174	0.022
135	11.25	0.63	0.196	(0.217)	0.174	0.022
136	11.33	0.63	0.196	(0.216)	0.174	0.022
137	11.42	0.63	0.196	(0.215)	0.174	0.022
138	11.50	0.63	0.196	(0.214)	0.174	0.022
139	11.58	0.57	0.175	(0.213)	0.156	0.019
140	11.67	0.57	0.175	(0.212)	0.156	0.019
141	11.75	0.57	0.175	(0.211)	0.156	0.019
142	11.83	0.60	0.186	(0.210)	0.165	0.020
143	11.92	0.60	0.186	(0.209)	0.165	0.020
144	12.00	0.60	0.186	(0.208)	0.165	0.020
145	12.08	0.83	0.258	0.207	(0.229)	0.051
146	12.17	0.83	0.258	0.206	(0.229)	0.052
147	12.25	0.83	0.258	0.205	(0.229)	0.053
148	12.33	0.87	0.268	0.204	(0.239)	0.064
149	12.42	0.87	0.268	0.203	(0.239)	0.065
150	12.50	0.87	0.268	0.202	(0.239)	0.067
151	12.58	0.93	0.289	0.201	(0.257)	0.088
152	12.67	0.93	0.289	0.200	(0.257)	0.089
153	12.75	0.93	0.289	0.199	(0.257)	0.090
154	12.83	0.97	0.299	0.198	(0.266)	0.101
155	12.92	0.97	0.299	0.197	(0.266)	0.102
156	13.00	0.97	0.299	0.196	(0.266)	0.103
157	13.08	1.13	0.351	0.195	(0.312)	0.156
158	13.17	1.13	0.351	0.194	(0.312)	0.157
159	13.25	1.13	0.351	0.193	(0.312)	0.158
160	13.33	1.13	0.351	0.192	(0.312)	0.159
161	13.42	1.13	0.351	0.191	(0.312)	0.160
162	13.50	1.13	0.351	0.190	(0.312)	0.161
163	13.58	0.77	0.237	0.189	(0.211)	0.048
164	13.67	0.77	0.237	0.188	(0.211)	0.049
165	13.75	0.77	0.237	0.187	(0.211)	0.050
166	13.83	0.77	0.237	0.186	(0.211)	0.051
167	13.92	0.77	0.237	0.185	(0.211)	0.052
168	14.00	0.77	0.237	0.184	(0.211)	0.053
169	14.08	0.90	0.278	0.183	(0.248)	0.095
170	14.17	0.90	0.278	0.182	(0.248)	0.096
171	14.25	0.90	0.278	0.181	(0.248)	0.097
172	14.33	0.87	0.268	0.180	(0.239)	0.088
173	14.42	0.87	0.268	0.179	(0.239)	0.089
174	14.50	0.87	0.268	0.178	(0.239)	0.090
175	14.58	0.87	0.268	0.177	(0.239)	0.091
176	14.67	0.87	0.268	0.177	(0.239)	0.092
177	14.75	0.87	0.268	0.176	(0.239)	0.092
178	14.83	0.83	0.258	0.175	(0.229)	0.083
179	14.92	0.83	0.258	0.174	(0.229)	0.084
180	15.00	0.83	0.258	0.173	(0.229)	0.085
181	15.08	0.80	0.247	0.172	(0.220)	0.075
182	15.17	0.80	0.247	0.171	(0.220)	0.076
183	15.25	0.80	0.247	0.170	(0.220)	0.077
184	15.33	0.77	0.237	0.169	(0.211)	0.068
185	15.42	0.77	0.237	0.169	(0.211)	0.069
186	15.50	0.77	0.237	0.168	(0.211)	0.069
187	15.58	0.63	0.196	0.167	(0.174)	0.029
188	15.67	0.63	0.196	0.166	(0.174)	0.030
189	15.75	0.63	0.196	0.165	(0.174)	0.031
190	15.83	0.63	0.196	0.164	(0.174)	0.032
191	15.92	0.63	0.196	0.163	(0.174)	0.032
192	16.00	0.63	0.196	0.163	(0.174)	0.033
193	16.08	0.13	0.041	(0.162)	0.037	0.005
194	16.17	0.13	0.041	(0.161)	0.037	0.005
195	16.25	0.13	0.041	(0.160)	0.037	0.005
196	16.33	0.13	0.041	(0.159)	0.037	0.005

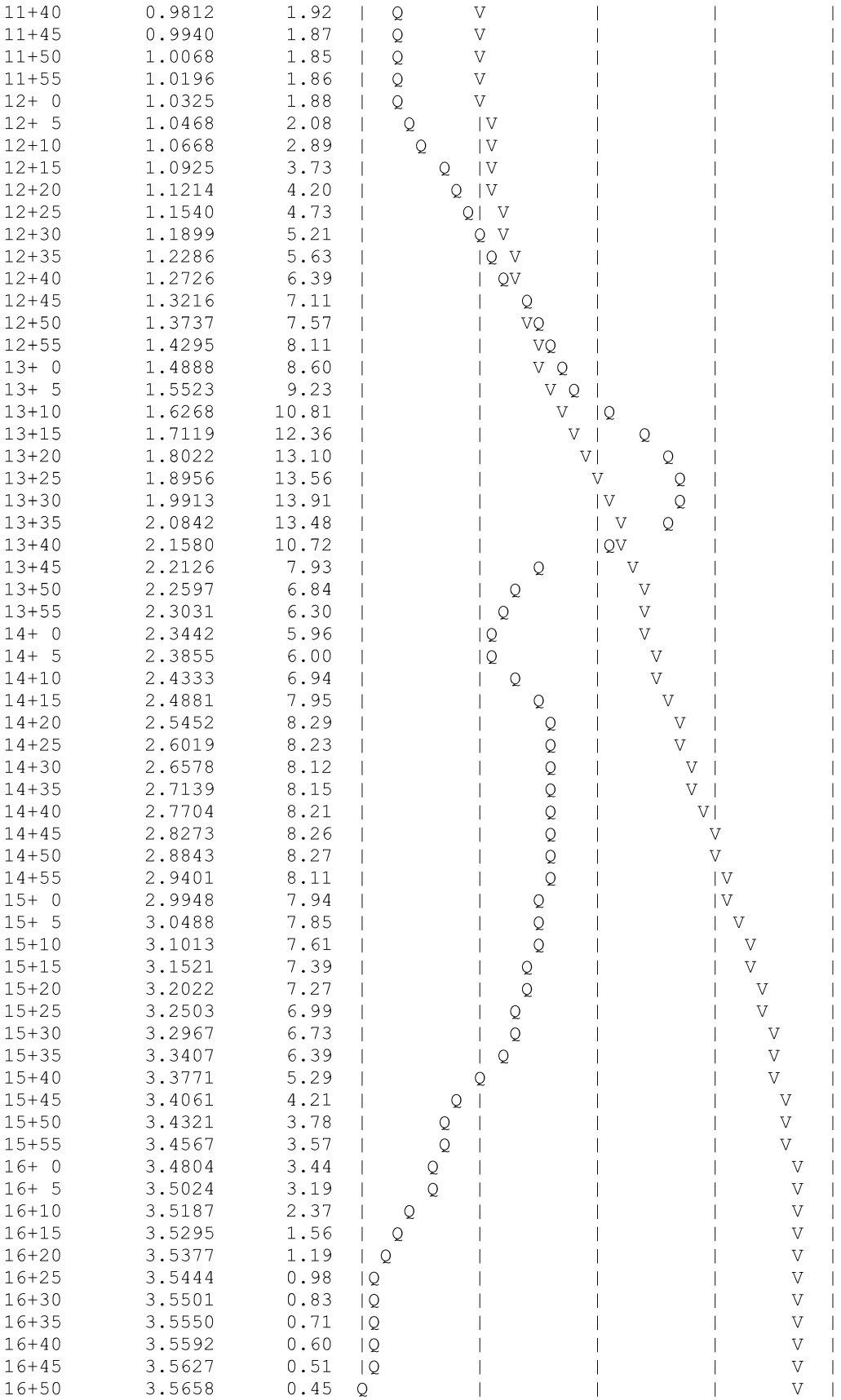
197	16.42	0.13	0.041	(0.159)	0.037	0.005
198	16.50	0.13	0.041	(0.158)	0.037	0.005
199	16.58	0.10	0.031	(0.157)	0.028	0.003
200	16.67	0.10	0.031	(0.156)	0.028	0.003
201	16.75	0.10	0.031	(0.155)	0.028	0.003
202	16.83	0.10	0.031	(0.155)	0.028	0.003
203	16.92	0.10	0.031	(0.154)	0.028	0.003
204	17.00	0.10	0.031	(0.153)	0.028	0.003
205	17.08	0.17	0.052	(0.152)	0.046	0.006
206	17.17	0.17	0.052	(0.151)	0.046	0.006
207	17.25	0.17	0.052	(0.151)	0.046	0.006
208	17.33	0.17	0.052	(0.150)	0.046	0.006
209	17.42	0.17	0.052	(0.149)	0.046	0.006
210	17.50	0.17	0.052	(0.148)	0.046	0.006
211	17.58	0.17	0.052	(0.148)	0.046	0.006
212	17.67	0.17	0.052	(0.147)	0.046	0.006
213	17.75	0.17	0.052	(0.146)	0.046	0.006
214	17.83	0.13	0.041	(0.145)	0.037	0.005
215	17.92	0.13	0.041	(0.145)	0.037	0.005
216	18.00	0.13	0.041	(0.144)	0.037	0.005
217	18.08	0.13	0.041	(0.143)	0.037	0.005
218	18.17	0.13	0.041	(0.143)	0.037	0.005
219	18.25	0.13	0.041	(0.142)	0.037	0.005
220	18.33	0.13	0.041	(0.141)	0.037	0.005
221	18.42	0.13	0.041	(0.141)	0.037	0.005
222	18.50	0.13	0.041	(0.140)	0.037	0.005
223	18.58	0.10	0.031	(0.139)	0.028	0.003
224	18.67	0.10	0.031	(0.139)	0.028	0.003
225	18.75	0.10	0.031	(0.138)	0.028	0.003
226	18.83	0.07	0.021	(0.137)	0.018	0.002
227	18.92	0.07	0.021	(0.137)	0.018	0.002
228	19.00	0.07	0.021	(0.136)	0.018	0.002
229	19.08	0.10	0.031	(0.135)	0.028	0.003
230	19.17	0.10	0.031	(0.135)	0.028	0.003
231	19.25	0.10	0.031	(0.134)	0.028	0.003
232	19.33	0.13	0.041	(0.133)	0.037	0.005
233	19.42	0.13	0.041	(0.133)	0.037	0.005
234	19.50	0.13	0.041	(0.132)	0.037	0.005
235	19.58	0.10	0.031	(0.132)	0.028	0.003
236	19.67	0.10	0.031	(0.131)	0.028	0.003
237	19.75	0.10	0.031	(0.130)	0.028	0.003
238	19.83	0.07	0.021	(0.130)	0.018	0.002
239	19.92	0.07	0.021	(0.129)	0.018	0.002
240	20.00	0.07	0.021	(0.129)	0.018	0.002
241	20.08	0.10	0.031	(0.128)	0.028	0.003
242	20.17	0.10	0.031	(0.127)	0.028	0.003
243	20.25	0.10	0.031	(0.127)	0.028	0.003
244	20.33	0.10	0.031	(0.126)	0.028	0.003
245	20.42	0.10	0.031	(0.126)	0.028	0.003
246	20.50	0.10	0.031	(0.125)	0.028	0.003
247	20.58	0.10	0.031	(0.125)	0.028	0.003
248	20.67	0.10	0.031	(0.124)	0.028	0.003
249	20.75	0.10	0.031	(0.124)	0.028	0.003
250	20.83	0.07	0.021	(0.123)	0.018	0.002
251	20.92	0.07	0.021	(0.123)	0.018	0.002
252	21.00	0.07	0.021	(0.122)	0.018	0.002
253	21.08	0.10	0.031	(0.122)	0.028	0.003
254	21.17	0.10	0.031	(0.121)	0.028	0.003
255	21.25	0.10	0.031	(0.121)	0.028	0.003
256	21.33	0.07	0.021	(0.120)	0.018	0.002
257	21.42	0.07	0.021	(0.120)	0.018	0.002
258	21.50	0.07	0.021	(0.119)	0.018	0.002
259	21.58	0.10	0.031	(0.119)	0.028	0.003

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260  21.67     0.10      0.031       (  0.119)       0.028         0.003
261  21.75     0.10      0.031       (  0.118)       0.028         0.003
262  21.83     0.07      0.021       (  0.118)       0.018         0.002
263  21.92     0.07      0.021       (  0.117)       0.018         0.002
264  22.00     0.07      0.021       (  0.117)       0.018         0.002
265  22.08     0.10      0.031       (  0.117)       0.028         0.003
266  22.17     0.10      0.031       (  0.116)       0.028         0.003
267  22.25     0.10      0.031       (  0.116)       0.028         0.003
268  22.33     0.07      0.021       (  0.115)       0.018         0.002
269  22.42     0.07      0.021       (  0.115)       0.018         0.002
270  22.50     0.07      0.021       (  0.115)       0.018         0.002
271  22.58     0.07      0.021       (  0.114)       0.018         0.002
272  22.67     0.07      0.021       (  0.114)       0.018         0.002
273  22.75     0.07      0.021       (  0.114)       0.018         0.002
274  22.83     0.07      0.021       (  0.113)       0.018         0.002
275  22.92     0.07      0.021       (  0.113)       0.018         0.002
276  23.00     0.07      0.021       (  0.113)       0.018         0.002
277  23.08     0.07      0.021       (  0.113)       0.018         0.002
278  23.17     0.07      0.021       (  0.112)       0.018         0.002
279  23.25     0.07      0.021       (  0.112)       0.018         0.002
280  23.33     0.07      0.021       (  0.112)       0.018         0.002
281  23.42     0.07      0.021       (  0.112)       0.018         0.002
282  23.50     0.07      0.021       (  0.112)       0.018         0.002
283  23.58     0.07      0.021       (  0.111)       0.018         0.002
284  23.67     0.07      0.021       (  0.111)       0.018         0.002
285  23.75     0.07      0.021       (  0.111)       0.018         0.002
286  23.83     0.07      0.021       (  0.111)       0.018         0.002
287  23.92     0.07      0.021       (  0.111)       0.018         0.002
288  24.00     0.07      0.021       (  0.111)       0.018         0.002
            (Loss Rate Not Used)
    Sum =     100.0                                   Sum =     5.9
      Flood volume = Effective rainfall      0.49(In)
       times area      91.8(Ac.)/[(In)/(Ft.)] =       3.8(Ac.Ft)
      Total soil loss =      2.09(In)
      Total soil loss =    15.966(Ac.Ft)
      Total rainfall =      2.58(In)
      Flood volume =      163612.6 Cubic Feet
      Total soil loss =      695484.0 Cubic Feet
      ---------------------------------------------------------------------
       Peak flow rate of this hydrograph =     13.907(CFS)
      ---------------------------------------------------------------------
      +++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
                        24 - H O U R    S T O R M
                     R u n o f f      H y d r o g r a p h
      ---------------------------------------------------------------------
                  Hydrograph in   5   Minute intervals ((CFS))

      ---------------------------------------------------------------------
 Time(h+m) Volume Ac.Ft   Q(CFS)  0        5.0      10.0      15.0      20.0
 ---------------------------------------------------------------------------
   0+ 5       0.0001      0.01  Q          |          |          |          |
   0+10       0.0006      0.07  Q          |          |          |          |
   0+15       0.0015      0.13  Q          |          |          |          |
   0+20       0.0027      0.17  Q          |          |          |          |
   0+25       0.0041      0.21  Q          |          |          |          |
   0+30       0.0058      0.25  Q          |          |          |          |
   0+35       0.0077      0.27  Q          |          |          |          |
   0+40       0.0096      0.28  Q          |          |          |          |
   0+45       0.0116      0.29  Q          |          |          |          |
   0+50       0.0137      0.30  Q          |          |          |          |
   0+55       0.0160      0.34  Q          |          |          |          |
   1+ 0       0.0186      0.37  Q          |          |          |          |
   1+ 5       0.0212      0.38  Q          |          |          |          |
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1+10	0.0237	0.36	Q	|	|	|	|
1+15	0.0260	0.34	Q	|	|	|	|
1+20	0.0282	0.33	Q	|	|	|	|
1+25	0.0305	0.32	Q	|	|	|	|
1+30	0.0327	0.32	Q	|	|	|	|
1+35	0.0349	0.32	Q	|	|	|	|
1+40	0.0371	0.32	Q	|	|	|	|
1+45	0.0393	0.32	Q	|	|	|	|
1+50	0.0415	0.32	Q	|	|	|	|
1+55	0.0440	0.35	Q	|	|	|	|
2+ 0	0.0466	0.38	Q	|	|	|	|
2+ 5	0.0494	0.40	Q	|	|	|	|
2+10	0.0521	0.40	Q	|	|	|	|
2+15	0.0549	0.41	Q	|	|	|	|
2+20	0.0577	0.41	Q	|	|	|	|
2+25	0.0606	0.41	Q	|	|	|	|
2+30	0.0634	0.41	Q	|	|	|	|
2+35	0.0663	0.42	Q	|	|	|	|
2+40	0.0695	0.45	Q	|	|	|	|
2+45	0.0728	0.48	Q	|	|	|	|
2+50	0.0762	0.50	Q	|	|	|	|
2+55	0.0797	0.51	VQ	|	|	|	|
3+ 0	0.0832	0.51	VQ	|	|	|	|
3+ 5	0.0868	0.51	VQ	|	|	|	|
3+10	0.0903	0.52	VQ	|	|	|	|
3+15	0.0939	0.52	|Q	|	|	|	|
3+20	0.0975	0.52	|Q	|	|	|	|
3+25	0.1011	0.52	|Q	|	|	|	|
3+30	0.1047	0.52	|Q	|	|	|	|
3+35	0.1083	0.52	|Q	|	|	|	|
3+40	0.1119	0.52	|Q	|	|	|	|
3+45	0.1155	0.52	|Q	|	|	|	|
3+50	0.1192	0.53	|Q	|	|	|	|
3+55	0.1231	0.56	|Q	|	|	|	|
4+ 0	0.1271	0.59	|Q	|	|	|	|
4+ 5	0.1313	0.60	|Q	|	|	|	|
4+10	0.1355	0.61	|Q	|	|	|	|
4+15	0.1397	0.62	|Q	|	|	|	|
4+20	0.1441	0.63	|Q	|	|	|	|
4+25	0.1486	0.66	|Q	|	|	|	|
4+30	0.1534	0.69	|Q	|	|	|	|
4+35	0.1582	0.71	|Q	|	|	|	|
4+40	0.1631	0.71	|Q	|	|	|	|
4+45	0.1681	0.72	|Q	|	|	|	|
4+50	0.1731	0.73	|Q	|	|	|	|
4+55	0.1784	0.76	|Q	|	|	|	|
5+ 0	0.1838	0.80	|Q	|	|	|	|
5+ 5	0.1893	0.80	|QV	|	|	|	|
5+10	0.1944	0.74	|QV	|	|	|	|
5+15	0.1992	0.69	|QV	|	|	|	|
5+20	0.2039	0.68	|QV	|	|	|	|
5+25	0.2086	0.70	|QV	|	|	|	|
5+30	0.2136	0.72	|QV	|	|	|	|
5+35	0.2186	0.73	|QV	|	|	|	|
5+40	0.2239	0.77	|QV	|	|	|	|
5+45	0.2294	0.80	|QV	|	|	|	|
5+50	0.2350	0.81	|QV	|	|	|	|
5+55	0.2406	0.82	|QV	|	|	|	|
6+ 0	0.2463	0.82	|QV	|	|	|	|
6+ 5	0.2521	0.84	|QV	|	|	|	|
6+10	0.2580	0.87	|QV	|	|	|	|
6+15	0.2642	0.90	|QV	|	|	|	|
6+20	0.2705	0.91	|QV	|	|	|	|

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 6+25       0.2769      0.92  |QV       |          |          |          |
 6+30       0.2833      0.93  |Q V      |          |          |          |
 6+35       0.2897      0.94  |Q V      |          |          |          |
 6+40       0.2964      0.97  |Q V      |          |          |          |
 6+45       0.3034      1.01  | QV      |          |          |          |
 6+50       0.3104      1.02  | QV      |          |          |          |
 6+55       0.3175      1.03  | QV      |          |          |          |
 7+ 0       0.3246      1.03  | QV      |          |          |          |
 7+ 5       0.3317      1.04  | QV      |          |          |          |
 7+10       0.3389      1.04  | QV      |          |          |          |
 7+15       0.3461      1.04  | QV      |          |          |          |
 7+20       0.3534      1.05  | QV      |          |          |          |
 7+25       0.3608      1.08  | QV      |          |          |          |
 7+30       0.3685      1.11  | QV      |          |          |          |
 7+35       0.3763      1.13  | Q V     |          |          |          |
 7+40       0.3844      1.17  | Q V     |          |          |          |
 7+45       0.3927      1.21  | Q V     |          |          |          |
 7+50       0.4012      1.23  | Q V     |          |          |          |
 7+55       0.4099      1.27  | Q V     |          |          |          |
 8+ 0       0.4189      1.31  | Q V     |          |          |          |
 8+ 5       0.4281      1.34  | Q V     |          |          |          |
 8+10       0.4379      1.41  | Q V     |          |          |          |
 8+15       0.4480      1.48  | Q V     |          |          |          |
 8+20       0.4584      1.51  |  QV     |          |          |          |
 8+25       0.4689      1.53  |  QV     |          |          |          |
 8+30       0.4795      1.54  |  Q V    |          |          |          |
 8+35       0.4902      1.56  |  Q V    |          |          |          |
 8+40       0.5012      1.59  |  Q V    |          |          |          |
 8+45       0.5124      1.63  |  Q V    |          |          |          |
 8+50       0.5238      1.65  |  Q V    |          |          |          |
 8+55       0.5354      1.69  |  Q V    |          |          |          |
 9+ 0       0.5473      1.73  |  Q V    |          |          |          |
 9+ 5       0.5594      1.76  |  Q V    |          |          |          |
 9+10       0.5720      1.83  |  Q  V   |          |          |          |
 9+15       0.5851      1.90  |  Q  V   |          |          |          |
 9+20       0.5984      1.94  |  Q  V   |          |          |          |
 9+25       0.6121      1.98  |  Q  V   |          |          |          |
 9+30       0.6261      2.03  |   Q V   |          |          |          |
 9+35       0.6402      2.05  |   Q V   |          |          |          |
 9+40       0.6547      2.10  |   Q V   |          |          |          |
 9+45       0.6694      2.14  |   Q  V  |          |          |          |
 9+50       0.6843      2.17  |   Q  V  |          |          |          |
 9+55       0.6995      2.21  |   Q  V  |          |          |          |
10+ 0       0.7150      2.25  |   Q  V  |          |          |          |
10+ 5       0.7303      2.22  |   Q  V  |          |          |          |
10+10       0.7442      2.02  |   Q  V  |          |          |          |
10+15       0.7567      1.82  |  Q    V |          |          |          |
10+20       0.7687      1.74  |  Q    V |          |          |          |
10+25       0.7803      1.69  |  Q    V |          |          |          |
10+30       0.7918      1.66  |  Q    V |          |          |          |
10+35       0.8033      1.68  |  Q    V |          |          |          |
10+40       0.8158      1.81  |  Q    V |          |          |          |
10+45       0.8292      1.95  |  Q    V |          |          |          |
10+50       0.8430      2.00  |   Q   V |          |          |          |
10+55       0.8570      2.03  |   Q    V|          |          |          |
11+ 0       0.8711      2.05  |   Q    V|          |          |          |
11+ 5       0.8852      2.05  |   Q    V|          |          |          |
11+10       0.8992      2.03  |   Q    V|          |          |          |
11+15       0.9130      2.01  |   Q    V|          |          |          |
11+20       0.9268      2.00  |  Q     V|          |          |          |
11+25       0.9405      2.00  |  Q      V          |          |          |
11+30       0.9543      2.00  |  Q      V          |          |          |
11+35       0.9679      1.98  |  Q      V          |          |          |
```

11+40	0.9812	1.92	
11+45	0.9940	1.87	
11+50	1.0068	1.85	
11+55	1.0196	1.86	
12+ 0	1.0325	1.88	
12+ 5	1.0468	2.08	
12+10	1.0668	2.89	
12+15	1.0925	3.73	
12+20	1.1214	4.20	
12+25	1.1540	4.73	
12+30	1.1899	5.21	
12+35	1.2286	5.63	
12+40	1.2726	6.39	
12+45	1.3216	7.11	
12+50	1.3737	7.57	
12+55	1.4295	8.11	
13+ 0	1.4888	8.60	
13+ 5	1.5523	9.23	
13+10	1.6268	10.81	
13+15	1.7119	12.36	
13+20	1.8022	13.10	
13+25	1.8956	13.56	
13+30	1.9913	13.91	
13+35	2.0842	13.48	
13+40	2.1580	10.72	
13+45	2.2126	7.93	
13+50	2.2597	6.84	
13+55	2.3031	6.30	
14+ 0	2.3442	5.96	
14+ 5	2.3855	6.00	
14+10	2.4333	6.94	
14+15	2.4881	7.95	
14+20	2.5452	8.29	
14+25	2.6019	8.23	
14+30	2.6578	8.12	
14+35	2.7139	8.15	
14+40	2.7704	8.21	
14+45	2.8273	8.26	
14+50	2.8843	8.27	
14+55	2.9401	8.11	
15+ 0	2.9948	7.94	
15+ 5	3.0488	7.85	
15+10	3.1013	7.61	
15+15	3.1521	7.39	
15+20	3.2022	7.27	
15+25	3.2503	6.99	
15+30	3.2967	6.73	
15+35	3.3407	6.39	
15+40	3.3771	5.29	
15+45	3.4061	4.21	
15+50	3.4321	3.78	
15+55	3.4567	3.57	
16+ 0	3.4804	3.44	
16+ 5	3.5024	3.19	
16+10	3.5187	2.37	
16+15	3.5295	1.56	
16+20	3.5377	1.19	
16+25	3.5444	0.98	
16+30	3.5501	0.83	
16+35	3.5550	0.71	
16+40	3.5592	0.60	
16+45	3.5627	0.51	
16+50	3.5658	0.45	

16+55	3.5686	0.41	Q	|	|	|	V |
17+ 0	3.5712	0.38	Q	|	|	|	V |
17+ 5	3.5738	0.38	Q	|	|	|	V |
17+10	3.5767	0.42	Q	|	|	|	V |
17+15	3.5799	0.46	Q	|	|	|	V |
17+20	3.5832	0.48	Q	|	|	|	V |
17+25	3.5866	0.49	Q	|	|	|	V |
17+30	3.5900	0.50	Q	|	|	|	V |
17+35	3.5935	0.51	|Q	|	|	|	V |
17+40	3.5970	0.51	|Q	|	|	|	V |
17+45	3.6005	0.51	|Q	|	|	|	V |
17+50	3.6040	0.51	|Q	|	|	|	V |
17+55	3.6074	0.48	Q	|	|	|	V |
18+ 0	3.6105	0.45	Q	|	|	|	V |
18+ 5	3.6135	0.44	Q	|	|	|	V |
18+10	3.6165	0.44	Q	|	|	|	V |
18+15	3.6195	0.43	Q	|	|	|	V |
18+20	3.6225	0.43	Q	|	|	|	V |
18+25	3.6254	0.43	Q	|	|	|	V |
18+30	3.6284	0.43	Q	|	|	|	V |
18+35	3.6313	0.42	Q	|	|	|	V |
18+40	3.6339	0.39	Q	|	|	|	V |
18+45	3.6364	0.36	Q	|	|	|	V |
18+50	3.6387	0.34	Q	|	|	|	V |
18+55	3.6407	0.30	Q	|	|	|	V |
19+ 0	3.6425	0.26	Q	|	|	|	V |
19+ 5	3.6443	0.25	Q	|	|	|	V |
19+10	3.6461	0.27	Q	|	|	|	V |
19+15	3.6482	0.30	Q	|	|	|	V |
19+20	3.6503	0.31	Q	|	|	|	V |
19+25	3.6527	0.34	Q	|	|	|	V |
19+30	3.6553	0.38	Q	|	|	|	V |
19+35	3.6579	0.38	Q	|	|	|	V |
19+40	3.6604	0.36	Q	|	|	|	V |
19+45	3.6627	0.34	Q	|	|	|	V|
19+50	3.6649	0.32	Q	|	|	|	V|
19+55	3.6669	0.29	Q	|	|	|	V|
20+ 0	3.6687	0.25	Q	|	|	|	V|
20+ 5	3.6704	0.25	Q	|	|	|	V|
20+10	3.6722	0.27	Q	|	|	|	V|
20+15	3.6742	0.29	Q	|	|	|	V|
20+20	3.6763	0.30	Q	|	|	|	V|
20+25	3.6784	0.31	Q	|	|	|	V|
20+30	3.6806	0.31	Q	|	|	|	V|
20+35	3.6827	0.31	Q	|	|	|	V|
20+40	3.6849	0.31	Q	|	|	|	V|
20+45	3.6870	0.31	Q	|	|	|	V|
20+50	3.6891	0.31	Q	|	|	|	V|
20+55	3.6910	0.28	Q	|	|	|	V|
21+ 0	3.6927	0.25	Q	|	|	|	V|
21+ 5	3.6944	0.24	Q	|	|	|	V|
21+10	3.6962	0.26	Q	|	|	|	V|
21+15	3.6982	0.29	Q	|	|	|	V|
21+20	3.7002	0.29	Q	|	|	|	V|
21+25	3.7020	0.27	Q	|	|	|	V|
21+30	3.7037	0.24	Q	|	|	|	V|
21+35	3.7053	0.24	Q	|	|	|	V|
21+40	3.7071	0.26	Q	|	|	|	V|
21+45	3.7091	0.29	Q	|	|	|	V|
21+50	3.7111	0.29	Q	|	|	|	V|
21+55	3.7129	0.27	Q	|	|	|	V|
22+ 0	3.7146	0.24	Q	|	|	|	V|
22+ 5	3.7162	0.24	Q	|	|	|	V|

22+10	3.7180	0.26	Q	|	|	|	V|
22+15	3.7199	0.29	Q	|	|	|	V|
22+20	3.7219	0.29	Q	|	|	|	V|
22+25	3.7238	0.27	Q	|	|	|	V|
22+30	3.7254	0.24	Q	|	|	|	V|
22+35	3.7270	0.23	Q	|	|	|	V|
22+40	3.7285	0.22	Q	|	|	|	V|
22+45	3.7300	0.22	Q	|	|	|	V|
22+50	3.7315	0.22	Q	|	|	|	V|
22+55	3.7330	0.22	Q	|	|	|	V|
23+ 0	3.7345	0.21	Q	|	|	|	V|
23+ 5	3.7359	0.21	Q	|	|	|	V|
23+10	3.7374	0.21	Q	|	|	|	V|
23+15	3.7389	0.21	Q	|	|	|	V|
23+20	3.7403	0.21	Q	|	|	|	V|
23+25	3.7418	0.21	Q	|	|	|	V|
23+30	3.7432	0.21	Q	|	|	|	V|
23+35	3.7447	0.21	Q	|	|	|	V|
23+40	3.7461	0.21	Q	|	|	|	V|
23+45	3.7476	0.21	Q	|	|	|	V|
23+50	3.7490	0.21	Q	|	|	|	V|
23+55	3.7505	0.21	Q	|	|	|	V|
24+ 0	3.7519	0.21	Q	|	|	|	V|
24+ 5	3.7533	0.20	Q	|	|	|	V|
24+10	3.7542	0.14	Q	|	|	|	V|
24+15	3.7547	0.08	Q	|	|	|	V|
24+20	3.7551	0.05	Q	|	|	|	V|
24+25	3.7553	0.04	Q	|	|	|	V|
24+30	3.7555	0.03	Q	|	|	|	V|
24+35	3.7557	0.02	Q	|	|	|	V|
24+40	3.7558	0.02	Q	|	|	|	V|
24+45	3.7559	0.01	Q	|	|	|	V|
24+50	3.7559	0.01	Q	|	|	|	V|
24+55	3.7560	0.01	Q	|	|	|	V|
25+ 0	3.7560	0.00	Q	|	|	|	V|
25+ 5	3.7560	0.00	Q	|	|	|	V|
25+10	3.7560	0.00	Q	|	|	|	V|
25+15	3.7560	0.00	Q	|	|	|	V|

```
      U n i t   H y d r o g r a p h   A n a l y s i s

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

Riverside County Synthetic Unit Hydrology Method
RCFC & WCD Manual date - April 1978


Program License Serial Number 4029

------------------------------------------------------------------------
 English (in-lb) Input Units Used
 English Rainfall Data (Inches) Input Values Used

 English Units used in output format



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

Keller Crossing, Tr. 38163
Hydrology Existing Condition Area C onsite = 91.8 Ac
For comparison sensitive analysis
100-year 1-hour storm


----------------------------------------------------------------------
Drainage Area =      91.80(Ac.)  =      0.143 Sq. Mi.
Drainage Area for Depth-Area Areal Adjustment =      91.80(Ac.)  =      0.143 Sq. Mi.
Length along longest watercourse =    3564.00(Ft.)
Length along longest watercourse measured to centroid =    1672.00(Ft.)
Length along longest watercourse =      0.675 Mi.
Length along longest watercourse measured to centroid =      0.317 Mi.
Difference in elevation =      91.00(Ft.)
Slope along watercourse =    134.8148 Ft./Mi.
Average Manning's 'N' = 0.030
Lag time =    0.158 Hr.
Lag time =     9.47 Min.
25% of lag time =     2.37 Min.
40% of lag time =     3.79 Min.
Unit time =     5.00 Min.
Duration of storm = 1 Hour(s)
User Entered Base Flow =     0.00(CFS)

2 YEAR Area rainfall data:


Area(Ac.)[1]       Rainfall(In)[2]      Weighting[1*2]
       91.80          0.50                45.90

100 YEAR Area rainfall data:


Area(Ac.)[1]       Rainfall(In)[2]      Weighting[1*2]
       91.80          1.20               110.16

STORM EVENT (YEAR) =  100.00
```

```
Area Averaged 2-Year Rainfall =    0.500(In)
Area Averaged 100-Year Rainfall =    1.200(In)

Point rain (area averaged) =    1.200(In)
Areal adjustment factor =   99.92 %
Adjusted average point rain =    1.199(In)

Sub-Area Data:
Area(Ac.)          Runoff Index   Impervious %
    91.800           81.80          0.010
 Total Area Entered =     91.80(Ac.)


RI    RI   Infil. Rate Impervious   Adj. Infil. Rate  Area%     F
AMC2 AMC-3     (In/Hr)    (Dec.%)      (In/Hr)       (Dec.)    (In/Hr)
81.8  92.1      0.103     0.010         0.102       1.000      0.102
                                                  Sum (F) =    0.102
Area averaged mean soil loss (F) (In/Hr) =  0.102
Minimum soil loss rate ((In/Hr)) =  0.051
(for 24 hour storm duration)
Soil low loss rate (decimal) =   0.890
------------------------------------------------------------------------
Slope of intensity-duration curve for a 1 hour storm =0.5500
------------------------------------------------------------------------

             U n i t  H y d r o g r a p h
                    VALLEY S-Curve
-------------------------------------------------------------------
             Unit Hydrograph Data
-------------------------------------------------------------------
Unit time period   Time % of lag   Distribution   Unit Hydrograph
    (hrs)                          Graph %            (CFS)
-------------------------------------------------------------------
    1   0.083         52.817          6.673             6.173
    2   0.167        105.634         28.498            26.366
    3   0.250        158.450         28.462            26.332
    4   0.333        211.267         12.020            11.121
    5   0.417        264.084          6.556             6.065
    6   0.500        316.901          4.556             4.215
    7   0.583        369.718          3.275             3.030
    8   0.667        422.534          2.432             2.250
    9   0.750        475.351          1.782             1.649
   10   0.833        528.168          1.539             1.424
   11   0.917        580.985          1.172             1.084
   12   1.000        633.802          0.925             0.856
   13   1.083        686.618          0.702             0.650
   14   1.167        739.435          0.538             0.498
   15   1.250        792.252          0.528             0.489
   16   1.333        845.069          0.342             0.316
                               Sum = 100.000   Sum=      92.517
-------------------------------------------------------------------

 The following loss rate calculations reflect use of the minimum calculated loss
 rate subtracted from the Storm Rain to produce the maximum Effective Rain value

  Unit Time   Pattern   Storm Rain     Loss rate(In./Hr)     Effective
       (Hr.)  Percent   (In/Hr)         Max    |   Low        (In/Hr)
  1   0.08     3.30      0.475          0.102    (  0.423)       0.373
  2   0.17     4.20      0.604          0.102    (  0.538)       0.502
  3   0.25     4.40      0.633          0.102    (  0.563)       0.531
  4   0.33     4.80      0.691          0.102    (  0.615)       0.589
  5   0.42     5.20      0.748          0.102    (  0.666)       0.646
```

```
  6   0.50     6.20      0.892          0.102    (  0.794)        0.790
  7   0.58     6.80      0.978          0.102    (  0.871)        0.876
  8   0.67     8.80      1.266          0.102    (  1.127)        1.164
  9   0.75    13.90      2.000          0.102    (  1.780)        1.898
 10   0.83    31.40      4.518          0.102    (  4.021)        4.416
 11   0.92     7.20      1.036          0.102    (  0.922)        0.934
 12   1.00     3.80      0.547          0.102    (  0.487)        0.445
            (Loss Rate Not Used)
    Sum =     100.0                                    Sum =    13.2
      Flood volume = Effective rainfall      1.10(In)
       times area      91.8(Ac.)/[(In)/(Ft.)] =       8.4(Ac.Ft)
      Total soil loss =      0.10(In)
      Total soil loss =     0.781(Ac.Ft)
      Total rainfall =      1.20(In)
      Flood volume =      365547.1 Cubic Feet
      Total soil loss =       34001.0 Cubic Feet
      ---------------------------------------------------------------------
       Peak flow rate of this hydrograph =    199.139(CFS)
      ---------------------------------------------------------------------
      +++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
                          1 - H O U R    S T O R M
                     R u n o f f     H y d r o g r a p h
      ---------------------------------------------------------------------
                  Hydrograph in   5   Minute intervals ((CFS))

      ---------------------------------------------------------------------
  Time(h+m) Volume Ac.Ft   Q(CFS)  0       50.0     100.0     150.0     200.0
  ---------------------------------------------------------------------------
    0+ 5       0.0159      2.30  Q         |         |         |         |
    0+10       0.1049     12.94  V Q       |         |         |         |
    0+15       0.2864     26.35  |V   Q     |         |         |         |
    0+20       0.5276     35.02  | V    Q   |         |         |         |
    0+25       0.8125     41.36  |  V    Q  |         |         |         |
    0+30       1.1428     47.96  |    V   Q|         |         |         |
    0+35       1.5305     56.30  |      V  |Q        |         |         |
    0+40       1.9884     66.48  |        V|  Q      |         |         |
    0+45       2.5674     84.07  |         | V   Q   |         |         |
    0+50       3.4600    129.62  |         |     V   |    Q    |         |
    0+55       4.8315    199.14  |         |         |  V      |        Q|
    1+ 0       6.0852    182.04  |         |         |        V|     Q   |
    1+ 5       6.8393    109.48  |         |         |Q        | V       |
    1+10       7.2954     66.24  |         |  Q      |         |   V     |
    1+15       7.5858     42.16  |        Q |         |         |     V   |
    1+20       7.7916     29.88  |    Q     |         |         |      V  |
    1+25       7.9445     22.20  |   Q      |         |         |      V  |
    1+30       8.0598     16.74  |  Q       |         |         |       V |
    1+35       8.1518     13.35  | Q        |         |         |       V |
    1+40       8.2225     10.26  | Q        |         |         |        V|
    1+45       8.2770      7.92  |Q         |         |         |        V|
    1+50       8.3179      5.94  |Q         |         |         |        V|
    1+55       8.3488      4.48  Q          |         |         |        V|
    2+ 0       8.3730      3.51  Q          |         |         |        V|
    2+ 5       8.3873      2.07  Q          |         |         |        V|
    2+10       8.3908      0.51  Q          |         |         |        V|
    2+15       8.3918      0.14  Q          |         |         |         V
  ---------------------------------------------------------------------------
```

```
      U n i t   H y d r o g r a p h   A n a l y s i s

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Riverside County Synthetic Unit Hydrology Method
RCFC & WCD Manual date - April 1978


Program License Serial Number 4029

------------------------------------------------------------------------
 English (in-lb) Input Units Used
 English Rainfall Data (Inches) Input Values Used

 English Units used in output format



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

Keller Crossing, Tr. 38163
Hydrology Existing Condition Area C onsite = 91.8 Ac
For comparison sensitive analysis
100-year 3-hour storm



----------------------------------------------------------------------
Drainage Area =      91.80(Ac.)  =      0.143 Sq. Mi.
Drainage Area for Depth-Area Areal Adjustment =      91.80(Ac.)  =      0.143 Sq. Mi.
Length along longest watercourse =    3564.00(Ft.)
Length along longest watercourse measured to centroid =    1672.00(Ft.)
Length along longest watercourse =      0.675 Mi.
Length along longest watercourse measured to centroid =      0.317 Mi.
Difference in elevation =      91.00(Ft.)
Slope along watercourse =    134.8148 Ft./Mi.
Average Manning's 'N' = 0.030
Lag time =    0.158 Hr.
Lag time =     9.47 Min.
25% of lag time =     2.37 Min.
40% of lag time =     3.79 Min.
Unit time =     5.00 Min.
Duration of storm = 3 Hour(s)
User Entered Base Flow =     0.00(CFS)

2 YEAR Area rainfall data:


Area(Ac.)[1]       Rainfall(In)[2]      Weighting[1*2]
       91.80          0.77                70.69

100 YEAR Area rainfall data:


Area(Ac.)[1]       Rainfall(In)[2]      Weighting[1*2]
       91.80          1.77               162.49
```

```
STORM EVENT (YEAR) =  100.00
Area Averaged 2-Year Rainfall =    0.770(In)
Area Averaged 100-Year Rainfall =    1.770(In)

Point rain (area averaged) =    1.770(In)
Areal adjustment factor =   99.96 %
Adjusted average point rain =    1.769(In)

Sub-Area Data:
Area(Ac.)         Runoff Index   Impervious %
    91.800           81.80          0.010
 Total Area Entered =     91.80(Ac.)


RI    RI   Infil. Rate Impervious   Adj. Infil. Rate  Area%     F
AMC2 AMC-3     (In/Hr)    (Dec.%)     (In/Hr)       (Dec.)    (In/Hr)
81.8  92.1      0.103     0.010        0.102       1.000      0.102
                                                  Sum (F) =   0.102
Area averaged mean soil loss (F) (In/Hr) =  0.102
Minimum soil loss rate ((In/Hr)) =  0.051
(for 24 hour storm duration)
Soil low loss rate (decimal) =   0.890
------------------------------------------------------------------------

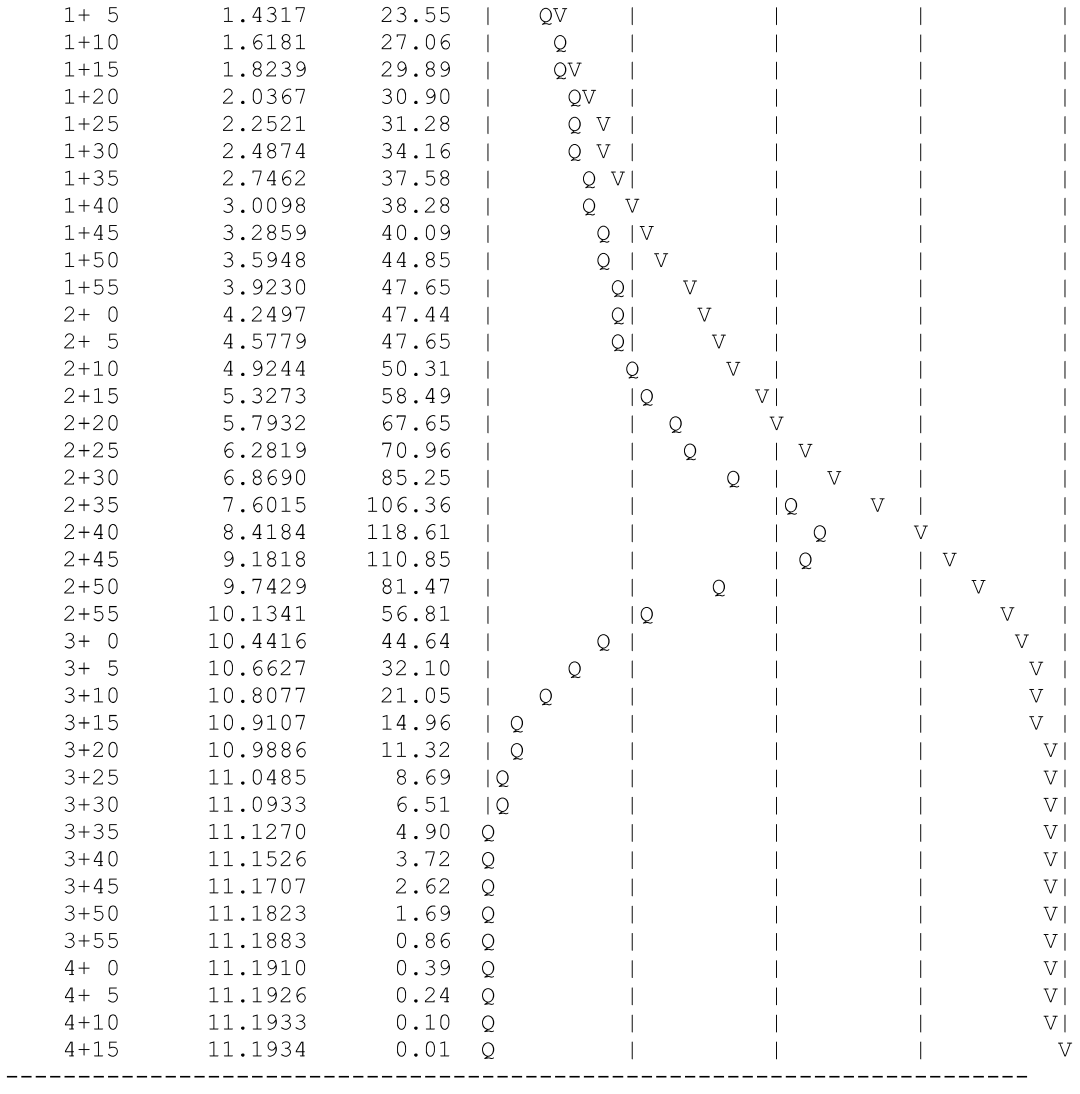
             U n i t  H y d r o g r a p h
                    VALLEY S-Curve
------------------------------------------------------------------------
             Unit Hydrograph Data
------------------------------------------------------------------------
Unit time period   Time % of lag   Distribution   Unit Hydrograph
    (hrs)                          Graph %            (CFS)
------------------------------------------------------------------------
    1   0.083         52.817          6.673             6.173
    2   0.167        105.634         28.498            26.366
    3   0.250        158.450         28.462            26.332
    4   0.333        211.267         12.020            11.121
    5   0.417        264.084          6.556             6.065
    6   0.500        316.901          4.556             4.215
    7   0.583        369.718          3.275             3.030
    8   0.667        422.534          2.432             2.250
    9   0.750        475.351          1.782             1.649
   10   0.833        528.168          1.539             1.424
   11   0.917        580.985          1.172             1.084
   12   1.000        633.802          0.925             0.856
   13   1.083        686.618          0.702             0.650
   14   1.167        739.435          0.538             0.498
   15   1.250        792.252          0.528             0.489
   16   1.333        845.069          0.342             0.316
                               Sum = 100.000   Sum=      92.517
------------------------------------------------------------------------


 The following loss rate calculations reflect use of the minimum calculated loss
 rate subtracted from the Storm Rain to produce the maximum Effective Rain value

  Unit Time   Pattern   Storm Rain     Loss rate(In./Hr)     Effective
       (Hr.)  Percent   (In/Hr)         Max    |   Low        (In/Hr)
    1   0.08     1.30      0.276         0.102    (  0.246)        0.174
    2   0.17     1.30      0.276         0.102    (  0.246)        0.174
    3   0.25     1.10      0.234         0.102    (  0.208)        0.132
    4   0.33     1.50      0.318         0.102    (  0.283)        0.216
    5   0.42     1.50      0.318         0.102    (  0.283)        0.216
    6   0.50     1.80      0.382         0.102    (  0.340)        0.280
```

```
 7   0.58     1.50      0.318          0.102    (  0.283)         0.216
 8   0.67     1.80      0.382          0.102    (  0.340)         0.280
 9   0.75     1.80      0.382          0.102    (  0.340)         0.280
10   0.83     1.50      0.318          0.102    (  0.283)         0.216
11   0.92     1.60      0.340          0.102    (  0.302)         0.238
12   1.00     1.80      0.382          0.102    (  0.340)         0.280
13   1.08     2.20      0.467          0.102    (  0.416)         0.365
14   1.17     2.20      0.467          0.102    (  0.416)         0.365
15   1.25     2.20      0.467          0.102    (  0.416)         0.365
16   1.33     2.00      0.425          0.102    (  0.378)         0.323
17   1.42     2.60      0.552          0.102    (  0.491)         0.450
18   1.50     2.70      0.573          0.102    (  0.510)         0.471
19   1.58     2.40      0.510          0.102    (  0.454)         0.408
20   1.67     2.70      0.573          0.102    (  0.510)         0.471
21   1.75     3.30      0.701          0.102    (  0.624)         0.599
22   1.83     3.10      0.658          0.102    (  0.586)         0.556
23   1.92     2.90      0.616          0.102    (  0.548)         0.514
24   2.00     3.00      0.637          0.102    (  0.567)         0.535
25   2.08     3.10      0.658          0.102    (  0.586)         0.556
26   2.17     4.20      0.892          0.102    (  0.794)         0.790
27   2.25     5.00      1.062          0.102    (  0.945)         0.960
28   2.33     3.50      0.743          0.102    (  0.661)         0.641
29   2.42     6.80      1.444          0.102    (  1.285)         1.342
30   2.50     7.30      1.550          0.102    (  1.379)         1.448
31   2.58     8.20      1.741          0.102    (  1.549)         1.639
32   2.67     5.90      1.253          0.102    (  1.115)         1.151
33   2.75     2.00      0.425          0.102    (  0.378)         0.323
34   2.83     1.80      0.382          0.102    (  0.340)         0.280
35   2.92     1.80      0.382          0.102    (  0.340)         0.280
36   3.00     0.60      0.127          0.102    (  0.113)         0.025
            (Loss Rate Not Used)
   Sum =     100.0                                  Sum =    17.6
    Flood volume = Effective rainfall      1.46(In)
     times area      91.8(Ac.)/[(In)/(Ft.)] =      11.2(Ac.Ft)
    Total soil loss =      0.31(In)
    Total soil loss =     2.342(Ac.Ft)
    Total rainfall =      1.77(In)
    Flood volume =      487584.3 Cubic Feet
    Total soil loss =      102003.0 Cubic Feet
    ---------------------------------------------------------------------
     Peak flow rate of this hydrograph =    118.610(CFS)
    ---------------------------------------------------------------------
    +++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
                      3 - H O U R    S T O R M
                   R u n o f f     H y d r o g r a p h
    ---------------------------------------------------------------------
                Hydrograph in   5   Minute intervals ((CFS))

    ---------------------------------------------------------------------
Time(h+m) Volume Ac.Ft   Q(CFS)  0       50.0     100.0     150.0     200.0
-------------------------------------------------------------------------
  0+ 5       0.0074      1.07  Q         |         |         |         |
  0+10       0.0464      5.66  VQ        |         |         |         |
  0+15       0.1152      9.99  VQ        |         |         |         |
  0+20       0.1932     11.33  V Q       |         |         |         |
  0+25       0.2862     13.50  |VQ       |         |         |         |
  0+30       0.3991     16.39  |V Q      |         |         |         |
  0+35       0.5292     18.90  |V Q      |         |         |         |
  0+40       0.6671     20.02  | V Q     |         |         |         |
  0+45       0.8134     21.24  | V Q     |         |         |         |
  0+50       0.9691     22.61  |  VQ     |         |         |         |
  0+55       1.1204     21.97  |   Q     |         |         |         |
  1+ 0       1.2695     21.65  |   Q     |         |         |         |
```



1+ 5	1.4317	23.55	QV				
1+10	1.6181	27.06	Q				
1+15	1.8239	29.89	QV				
1+20	2.0367	30.90	QV				
1+25	2.2521	31.28	Q V				
1+30	2.4874	34.16	Q V				
1+35	2.7462	37.58	Q V				
1+40	3.0098	38.28	Q V				
1+45	3.2859	40.09	Q V				
1+50	3.5948	44.85	Q V				
1+55	3.9230	47.65	Q V				
2+ 0	4.2497	47.44	Q V				
2+ 5	4.5779	47.65	Q V				
2+10	4.9244	50.31	Q V				
2+15	5.3273	58.49	Q V				
2+20	5.7932	67.65	Q V				
2+25	6.2819	70.96	Q V				
2+30	6.8690	85.25	Q V				
2+35	7.6015	106.36	Q V				
2+40	8.4184	118.61	Q V				
2+45	9.1818	110.85	Q V				
2+50	9.7429	81.47	Q V				
2+55	10.1341	56.81	Q V				
3+ 0	10.4416	44.64	Q V				
3+ 5	10.6627	32.10	Q V				
3+10	10.8077	21.05	Q V				
3+15	10.9107	14.96	Q V				
3+20	10.9886	11.32	Q V				
3+25	11.0485	8.69	Q V				
3+30	11.0933	6.51	Q V				
3+35	11.1270	4.90	Q V				
3+40	11.1526	3.72	Q V				
3+45	11.1707	2.62	Q V				
3+50	11.1823	1.69	Q V				
3+55	11.1883	0.86	Q V				
4+ 0	11.1910	0.39	Q V				
4+ 5	11.1926	0.24	Q V				
4+10	11.1933	0.10	Q V				
4+15	11.1934	0.01	Q V				

```
      U n i t   H y d r o g r a p h   A n a l y s i s

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            Study date  03/20/24 File: 907hydcex6100.out


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
------------------------------------------------------------------------------

Riverside County Synthetic Unit Hydrology Method
RCFC & WCD Manual date - April 1978


Program License Serial Number 4029

------------------------------------------------------------------------
 English (in-lb) Input Units Used
 English Rainfall Data (Inches) Input Values Used

 English Units used in output format



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

Keller Crossing, Tr. 38163
Hydrology Existing Condition Area C onsite = 91.8 Ac
For comparison sensitive analysis
100-year 6-hour storm



----------------------------------------------------------------------
Drainage Area =      91.80(Ac.)  =      0.143 Sq. Mi.
Drainage Area for Depth-Area Areal Adjustment =      91.80(Ac.)  =      0.143 Sq. Mi.
Length along longest watercourse =    3564.00(Ft.)
Length along longest watercourse measured to centroid =    1672.00(Ft.)
Length along longest watercourse =      0.675 Mi.
Length along longest watercourse measured to centroid =      0.317 Mi.
Difference in elevation =      91.00(Ft.)
Slope along watercourse =    134.8148 Ft./Mi.
Average Manning's 'N' = 0.030
Lag time =    0.158 Hr.
Lag time =     9.47 Min.
25% of lag time =     2.37 Min.
40% of lag time =     3.79 Min.
Unit time =     5.00 Min.
Duration of storm = 6 Hour(s)
User Entered Base Flow =     0.00(CFS)

2 YEAR Area rainfall data:


Area(Ac.)[1]       Rainfall(In)[2]      Weighting[1*2]
       91.80          0.95                87.21

100 YEAR Area rainfall data:


Area(Ac.)[1]       Rainfall(In)[2]      Weighting[1*2]
       91.80          2.45               224.91
```

```
STORM EVENT (YEAR) =  100.00
Area Averaged 2-Year Rainfall =    0.950(In)
Area Averaged 100-Year Rainfall =    2.450(In)

Point rain (area averaged) =    2.450(In)
Areal adjustment factor =   99.97 %
Adjusted average point rain =    2.449(In)

Sub-Area Data:
Area(Ac.)         Runoff Index   Impervious %
    91.800           81.80         0.010
 Total Area Entered =     91.80(Ac.)


RI    RI   Infil. Rate Impervious   Adj. Infil. Rate  Area%     F
AMC2 AMC-3     (In/Hr)    (Dec.%)     (In/Hr)       (Dec.)    (In/Hr)
81.8  92.1      0.103     0.010        0.102       1.000      0.102
                                                  Sum (F) =   0.102
Area averaged mean soil loss (F) (In/Hr) =  0.102
Minimum soil loss rate ((In/Hr)) =  0.051
(for 24 hour storm duration)
Soil low loss rate (decimal) =   0.890
------------------------------------------------------------------------

             U n i t  H y d r o g r a p h
                    VALLEY S-Curve
------------------------------------------------------------------------
             Unit Hydrograph Data
------------------------------------------------------------------------
Unit time period   Time % of lag   Distribution   Unit Hydrograph
    (hrs)                          Graph %            (CFS)
------------------------------------------------------------------------
    1   0.083         52.817          6.673             6.173
    2   0.167        105.634         28.498            26.366
    3   0.250        158.450         28.462            26.332
    4   0.333        211.267         12.020            11.121
    5   0.417        264.084          6.556             6.065
    6   0.500        316.901          4.556             4.215
    7   0.583        369.718          3.275             3.030
    8   0.667        422.534          2.432             2.250
    9   0.750        475.351          1.782             1.649
   10   0.833        528.168          1.539             1.424
   11   0.917        580.985          1.172             1.084
   12   1.000        633.802          0.925             0.856
   13   1.083        686.618          0.702             0.650
   14   1.167        739.435          0.538             0.498
   15   1.250        792.252          0.528             0.489
   16   1.333        845.069          0.342             0.316
                               Sum = 100.000   Sum=      92.517
------------------------------------------------------------------------

 The following loss rate calculations reflect use of the minimum calculated loss
 rate subtracted from the Storm Rain to produce the maximum Effective Rain value

  Unit Time   Pattern   Storm Rain     Loss rate(In./Hr)     Effective
       (Hr.)  Percent   (In/Hr)         Max    |   Low        (In/Hr)
    1   0.08     0.50      0.147         0.102    (  0.131)        0.045
    2   0.17     0.60      0.176         0.102    (  0.157)        0.074
    3   0.25     0.60      0.176         0.102    (  0.157)        0.074
    4   0.33     0.60      0.176         0.102    (  0.157)        0.074
    5   0.42     0.60      0.176         0.102    (  0.157)        0.074
    6   0.50     0.70      0.206         0.102    (  0.183)        0.104
```

7	0.58	0.70	0.206	0.102	(0.183)	0.104
8	0.67	0.70	0.206	0.102	(0.183)	0.104
9	0.75	0.70	0.206	0.102	(0.183)	0.104
10	0.83	0.70	0.206	0.102	(0.183)	0.104
11	0.92	0.70	0.206	0.102	(0.183)	0.104
12	1.00	0.80	0.235	0.102	(0.209)	0.133
13	1.08	0.80	0.235	0.102	(0.209)	0.133
14	1.17	0.80	0.235	0.102	(0.209)	0.133
15	1.25	0.80	0.235	0.102	(0.209)	0.133
16	1.33	0.80	0.235	0.102	(0.209)	0.133
17	1.42	0.80	0.235	0.102	(0.209)	0.133
18	1.50	0.80	0.235	0.102	(0.209)	0.133
19	1.58	0.80	0.235	0.102	(0.209)	0.133
20	1.67	0.80	0.235	0.102	(0.209)	0.133
21	1.75	0.80	0.235	0.102	(0.209)	0.133
22	1.83	0.80	0.235	0.102	(0.209)	0.133
23	1.92	0.80	0.235	0.102	(0.209)	0.133
24	2.00	0.90	0.265	0.102	(0.235)	0.162
25	2.08	0.80	0.235	0.102	(0.209)	0.133
26	2.17	0.90	0.265	0.102	(0.235)	0.162
27	2.25	0.90	0.265	0.102	(0.235)	0.162
28	2.33	0.90	0.265	0.102	(0.235)	0.162
29	2.42	0.90	0.265	0.102	(0.235)	0.162
30	2.50	0.90	0.265	0.102	(0.235)	0.162
31	2.58	0.90	0.265	0.102	(0.235)	0.162
32	2.67	0.90	0.265	0.102	(0.235)	0.162
33	2.75	1.00	0.294	0.102	(0.262)	0.192
34	2.83	1.00	0.294	0.102	(0.262)	0.192
35	2.92	1.00	0.294	0.102	(0.262)	0.192
36	3.00	1.00	0.294	0.102	(0.262)	0.192
37	3.08	1.00	0.294	0.102	(0.262)	0.192
38	3.17	1.10	0.323	0.102	(0.288)	0.221
39	3.25	1.10	0.323	0.102	(0.288)	0.221
40	3.33	1.10	0.323	0.102	(0.288)	0.221
41	3.42	1.20	0.353	0.102	(0.314)	0.251
42	3.50	1.30	0.382	0.102	(0.340)	0.280
43	3.58	1.40	0.411	0.102	(0.366)	0.309
44	3.67	1.40	0.411	0.102	(0.366)	0.309
45	3.75	1.50	0.441	0.102	(0.392)	0.339
46	3.83	1.50	0.441	0.102	(0.392)	0.339
47	3.92	1.60	0.470	0.102	(0.419)	0.368
48	4.00	1.60	0.470	0.102	(0.419)	0.368
49	4.08	1.70	0.500	0.102	(0.445)	0.398
50	4.17	1.80	0.529	0.102	(0.471)	0.427
51	4.25	1.90	0.558	0.102	(0.497)	0.456
52	4.33	2.00	0.588	0.102	(0.523)	0.486
53	4.42	2.10	0.617	0.102	(0.549)	0.515
54	4.50	2.10	0.617	0.102	(0.549)	0.515
55	4.58	2.20	0.647	0.102	(0.575)	0.545
56	4.67	2.30	0.676	0.102	(0.602)	0.574
57	4.75	2.40	0.705	0.102	(0.628)	0.603
58	4.83	2.40	0.705	0.102	(0.628)	0.603
59	4.92	2.50	0.735	0.102	(0.654)	0.633
60	5.00	2.60	0.764	0.102	(0.680)	0.662
61	5.08	3.10	0.911	0.102	(0.811)	0.809
62	5.17	3.60	1.058	0.102	(0.942)	0.956
63	5.25	3.90	1.146	0.102	(1.020)	1.044
64	5.33	4.20	1.234	0.102	(1.099)	1.132
65	5.42	4.70	1.381	0.102	(1.229)	1.279
66	5.50	5.60	1.646	0.102	(1.465)	1.544
67	5.58	1.90	0.558	0.102	(0.497)	0.456
68	5.67	0.90	0.265	0.102	(0.235)	0.162
69	5.75	0.60	0.176	0.102	(0.157)	0.074

```
70   5.83     0.50      0.147          0.102    (  0.131)        0.045
71   5.92     0.30      0.088       (  0.102)       0.078        0.010
72   6.00     0.20      0.059       (  0.102)       0.052        0.006
           (Loss Rate Not Used)
   Sum =     100.0                                    Sum =    22.1
     Flood volume = Effective rainfall      1.84(In)
      times area      91.8(Ac.)/[(In)/(Ft.)] =      14.1(Ac.Ft)
     Total soil loss =      0.61(In)
     Total soil loss =     4.637(Ac.Ft)
     Total rainfall =      2.45(In)
     Flood volume =      614194.7 Cubic Feet
     Total soil loss =      201971.0 Cubic Feet
     ---------------------------------------------------------------------
      Peak flow rate of this hydrograph =    108.226(CFS)
     ---------------------------------------------------------------------
     +++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
                          6 - H O U R    S T O R M
                     R u n o f f     H y d r o g r a p h
     ---------------------------------------------------------------------
                  Hydrograph in   5   Minute intervals ((CFS))

     ---------------------------------------------------------------------
Time(h+m) Volume Ac.Ft   Q(CFS)  0       50.0     100.0     150.0     200.0
-------------------------------------------------------------------------
  0+ 5       0.0019      0.28  Q          |          |          |          |
  0+10       0.0132      1.64  Q          |          |          |          |
  0+15       0.0380      3.60  Q          |          |          |          |
  0+20       0.0716      4.88  Q          |          |          |          |
  0+25       0.1093      5.48  VQ         |          |          |          |
  0+30       0.1508      6.03  VQ         |          |          |          |
  0+35       0.1995      7.06  VQ         |          |          |          |
  0+40       0.2548      8.03  VQ         |          |          |          |
  0+45       0.3132      8.49  VQ         |          |          |          |
  0+50       0.3737      8.78  |Q         |          |          |          |
  0+55       0.4357      9.00  |Q         |          |          |          |
  1+ 0       0.5000      9.34  |Q         |          |          |          |
  1+ 5       0.5705     10.24  |VQ        |          |          |          |
  1+10       0.6470     11.10  |VQ        |          |          |          |
  1+15       0.7262     11.51  | Q        |          |          |          |
  1+20       0.8071     11.74  | Q        |          |          |          |
  1+25       0.8891     11.90  | Q        |          |          |          |
  1+30       0.9718     12.01  | Q        |          |          |          |
  1+35       1.0550     12.09  | Q        |          |          |          |
  1+40       1.1388     12.15  | QV       |          |          |          |
  1+45       1.2228     12.21  | QV       |          |          |          |
  1+50       1.3071     12.24  | QV       |          |          |          |
  1+55       1.3915     12.26  | QV       |          |          |          |
  2+ 0       1.4774     12.46  | Q V      |          |          |          |
  2+ 5       1.5674     13.07  | Q V      |          |          |          |
  2+10       1.6588     13.27  | Q V      |          |          |          |
  2+15       1.7524     13.60  | Q V      |          |          |          |
  2+20       1.8504     14.23  | Q  V     |          |          |          |
  2+25       1.9503     14.50  | Q  V     |          |          |          |
  2+30       2.0512     14.65  | Q  V     |          |          |          |
  2+35       2.1527     14.75  | Q   V    |          |          |          |
  2+40       2.2548     14.82  | Q   V    |          |          |          |
  2+45       2.3585     15.06  |  Q  V    |          |          |          |
  2+50       2.4678     15.87  |  Q   V   |          |          |          |
  2+55       2.5827     16.68  |  Q   V   |          |          |          |
  3+ 0       2.7000     17.03  |  Q   V   |          |          |          |
  3+ 5       2.8187     17.23  |  Q   V   |          |          |          |
  3+10       2.9396     17.56  |  Q    V  |          |          |          |
  3+15       3.0666     18.43  |  Q    V  |          |          |          |
```

```
    3+20       3.1994     19.28  |  Q     V|          |          |          |
    3+25       3.3360     19.84  |  Q     V|          |          |          |
    3+30       3.4808     21.02  |   Q    V|          |          |          |
    3+35       3.6386     22.91  |   Q     V          |          |          |
    3+40       3.8101     24.90  |   Q     V          |          |          |
    3+45       3.9922     26.45  |    Q    |V         |          |          |
    3+50       4.1844     27.91  |    Q    |V         |          |          |
    3+55       4.3863     29.32  |    Q    | V        |          |          |
    4+ 0       4.5980     30.74  |     Q   |  V       |          |          |
    4+ 5       4.8191     32.10  |     Q   |  V       |          |          |
    4+10       5.0511     33.69  |     Q   |   V      |          |          |
    4+15       5.2978     35.82  |      Q  |    V     |          |          |
    4+20       5.5608     38.18  |      Q  |    V     |          |          |
    4+25       5.8407     40.64  |       Q |     V    |          |          |
    4+30       6.1368     42.99  |       Q |      V   |          |          |
    4+35       6.4453     44.79  |       Q |       V  |          |          |
    4+40       6.7665     46.64  |        Q|        V |          |          |
    4+45       7.1036     48.95  |        Q|         V          |          |
    4+50       7.4565     51.25  |         Q          |V         |          |
    4+55       7.8216     53.02  |         Q          | V        |          |
    5+ 0       8.1993     54.84  |         Q          |  V       |          |
    5+ 5       8.5979     57.87  |         |Q         |   V      |          |
    5+10       9.0399     64.18  |         | Q        |    V     |          |
    5+15       9.5446     73.28  |         |   Q      |      V   |          |
    5+20      10.1107     82.20  |         |     Q    |       V  |          |
    5+25      10.7353     90.68  |         |       Q  |         V          |
    5+30      11.4329    101.30  |         |          Q         | V        |
    5+35      12.1783    108.23  |         |          |Q        |   V      |
    5+40      12.7855     88.17  |         |      Q   |         |     V    |
    5+45      13.1739     56.39  |         |Q         |         |      V   |
    5+50      13.4306     37.28  |      Q  |          |         |       V  |
    5+55      13.6127     26.44  |    Q    |          |         |       V  |
    6+ 0      13.7442     19.09  |  Q      |          |         |       V  |
    6+ 5      13.8403     13.95  | Q       |          |         |        V|
    6+10      13.9120     10.42  | Q       |          |         |        V|
    6+15      13.9670      7.98  |Q        |          |         |        V|
    6+20      14.0087      6.05  |Q        |          |         |        V|
    6+25      14.0399      4.54  Q         |          |         |        V|
    6+30      14.0628      3.31  Q         |          |         |        V|
    6+35      14.0790      2.36  Q         |          |         |        V|
    6+40      14.0903      1.63  Q         |          |         |        V|
    6+45      14.0964      0.90  Q         |          |         |        V|
    6+50      14.0985      0.31  Q         |          |         |        V|
    6+55      14.0994      0.12  Q         |          |         |        V|
    7+ 0      14.0998      0.05  Q         |          |         |        V|
    7+ 5      14.0999      0.02  Q         |          |         |        V|
    7+10      14.1000      0.01  Q         |          |         |        V|
    7+15      14.1000      0.00  Q         |          |         |        V|
-------------------------------------------------------------------------
```

```
      U n i t   H y d r o g r a p h   A n a l y s i s

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            Study date  03/20/24 File: 907hydcex24100.out


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Riverside County Synthetic Unit Hydrology Method
RCFC & WCD Manual date - April 1978


Program License Serial Number 4029

------------------------------------------------------------------------
 English (in-lb) Input Units Used
 English Rainfall Data (Inches) Input Values Used

 English Units used in output format



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

Keller Crossing, Tr. 38163
Hydrology Existing Condition Area C onsite = 91.8 Ac
For comparison sensitive analysis
100-year 24-hour storm



----------------------------------------------------------------------
Drainage Area =      91.80(Ac.)  =      0.143 Sq. Mi.
Drainage Area for Depth-Area Areal Adjustment =      91.80(Ac.)  =      0.143 Sq. Mi.
Length along longest watercourse =    3564.00(Ft.)
Length along longest watercourse measured to centroid =    1672.00(Ft.)
Length along longest watercourse =      0.675 Mi.
Length along longest watercourse measured to centroid =      0.317 Mi.
Difference in elevation =      91.00(Ft.)
Slope along watercourse =    134.8148 Ft./Mi.
Average Manning's 'N' = 0.030
Lag time =    0.158 Hr.
Lag time =     9.47 Min.
25% of lag time =     2.37 Min.
40% of lag time =     3.79 Min.
Unit time =     5.00 Min.
Duration of storm = 24 Hour(s)
User Entered Base Flow =     0.00(CFS)

2 YEAR Area rainfall data:


Area(Ac.)[1]       Rainfall(In)[2]      Weighting[1*2]
       91.80          1.55              142.29

100 YEAR Area rainfall data:


Area(Ac.)[1]       Rainfall(In)[2]      Weighting[1*2]
       91.80          4.05              371.79
```

```
STORM EVENT (YEAR) =  100.00
Area Averaged 2-Year Rainfall =    1.550(In)
Area Averaged 100-Year Rainfall =    4.050(In)

Point rain (area averaged) =    4.050(In)
Areal adjustment factor =   99.98 %
Adjusted average point rain =    4.049(In)

Sub-Area Data:
Area(Ac.)         Runoff Index   Impervious %
    91.800           81.80          0.010
 Total Area Entered =     91.80(Ac.)


RI    RI   Infil. Rate Impervious   Adj. Infil. Rate  Area%     F
AMC2 AMC-3     (In/Hr)    (Dec.%)      (In/Hr)       (Dec.)    (In/Hr)
81.8  92.1      0.103     0.010         0.102        1.000      0.102
                                                   Sum (F) =   0.102
Area averaged mean soil loss (F) (In/Hr) =  0.102
Minimum soil loss rate ((In/Hr)) =  0.051
(for 24 hour storm duration)
Soil low loss rate (decimal) =   0.890
------------------------------------------------------------------------

             U n i t  H y d r o g r a p h
                    VALLEY S-Curve
------------------------------------------------------------------------
             Unit Hydrograph Data
------------------------------------------------------------------------
Unit time period   Time % of lag   Distribution   Unit Hydrograph
    (hrs)                           Graph %           (CFS)
------------------------------------------------------------------------
    1   0.083         52.817          6.673             6.173
    2   0.167        105.634         28.498            26.366
    3   0.250        158.450         28.462            26.332
    4   0.333        211.267         12.020            11.121
    5   0.417        264.084          6.556             6.065
    6   0.500        316.901          4.556             4.215
    7   0.583        369.718          3.275             3.030
    8   0.667        422.534          2.432             2.250
    9   0.750        475.351          1.782             1.649
   10   0.833        528.168          1.539             1.424
   11   0.917        580.985          1.172             1.084
   12   1.000        633.802          0.925             0.856
   13   1.083        686.618          0.702             0.650
   14   1.167        739.435          0.538             0.498
   15   1.250        792.252          0.528             0.489
   16   1.333        845.069          0.342             0.316
                               Sum = 100.000   Sum=      92.517
------------------------------------------------------------------------


 The following loss rate calculations reflect use of the minimum calculated loss
 rate subtracted from the Storm Rain to produce the maximum Effective Rain value

  Unit Time   Pattern   Storm Rain     Loss rate(In./Hr)     Effective
       (Hr.)  Percent   (In/Hr)         Max    |   Low        (In/Hr)
    1   0.08     0.07      0.032       (  0.181)       0.029        0.004
    2   0.17     0.07      0.032       (  0.180)       0.029        0.004
    3   0.25     0.07      0.032       (  0.179)       0.029        0.004
    4   0.33     0.10      0.049       (  0.179)       0.043        0.005
    5   0.42     0.10      0.049       (  0.178)       0.043        0.005
    6   0.50     0.10      0.049       (  0.177)       0.043        0.005
```

7	0.58	0.10	0.049	(0.177)	0.043	0.005
8	0.67	0.10	0.049	(0.176)	0.043	0.005
9	0.75	0.10	0.049	(0.175)	0.043	0.005
10	0.83	0.13	0.065	(0.175)	0.058	0.007
11	0.92	0.13	0.065	(0.174)	0.058	0.007
12	1.00	0.13	0.065	(0.173)	0.058	0.007
13	1.08	0.10	0.049	(0.173)	0.043	0.005
14	1.17	0.10	0.049	(0.172)	0.043	0.005
15	1.25	0.10	0.049	(0.171)	0.043	0.005
16	1.33	0.10	0.049	(0.171)	0.043	0.005
17	1.42	0.10	0.049	(0.170)	0.043	0.005
18	1.50	0.10	0.049	(0.169)	0.043	0.005
19	1.58	0.10	0.049	(0.168)	0.043	0.005
20	1.67	0.10	0.049	(0.168)	0.043	0.005
21	1.75	0.10	0.049	(0.167)	0.043	0.005
22	1.83	0.13	0.065	(0.166)	0.058	0.007
23	1.92	0.13	0.065	(0.166)	0.058	0.007
24	2.00	0.13	0.065	(0.165)	0.058	0.007
25	2.08	0.13	0.065	(0.164)	0.058	0.007
26	2.17	0.13	0.065	(0.164)	0.058	0.007
27	2.25	0.13	0.065	(0.163)	0.058	0.007
28	2.33	0.13	0.065	(0.162)	0.058	0.007
29	2.42	0.13	0.065	(0.162)	0.058	0.007
30	2.50	0.13	0.065	(0.161)	0.058	0.007
31	2.58	0.17	0.081	(0.160)	0.072	0.009
32	2.67	0.17	0.081	(0.160)	0.072	0.009
33	2.75	0.17	0.081	(0.159)	0.072	0.009
34	2.83	0.17	0.081	(0.159)	0.072	0.009
35	2.92	0.17	0.081	(0.158)	0.072	0.009
36	3.00	0.17	0.081	(0.157)	0.072	0.009
37	3.08	0.17	0.081	(0.157)	0.072	0.009
38	3.17	0.17	0.081	(0.156)	0.072	0.009
39	3.25	0.17	0.081	(0.155)	0.072	0.009
40	3.33	0.17	0.081	(0.155)	0.072	0.009
41	3.42	0.17	0.081	(0.154)	0.072	0.009
42	3.50	0.17	0.081	(0.153)	0.072	0.009
43	3.58	0.17	0.081	(0.153)	0.072	0.009
44	3.67	0.17	0.081	(0.152)	0.072	0.009
45	3.75	0.17	0.081	(0.151)	0.072	0.009
46	3.83	0.20	0.097	(0.151)	0.086	0.011
47	3.92	0.20	0.097	(0.150)	0.086	0.011
48	4.00	0.20	0.097	(0.149)	0.086	0.011
49	4.08	0.20	0.097	(0.149)	0.086	0.011
50	4.17	0.20	0.097	(0.148)	0.086	0.011
51	4.25	0.20	0.097	(0.148)	0.086	0.011
52	4.33	0.23	0.113	(0.147)	0.101	0.012
53	4.42	0.23	0.113	(0.146)	0.101	0.012
54	4.50	0.23	0.113	(0.146)	0.101	0.012
55	4.58	0.23	0.113	(0.145)	0.101	0.012
56	4.67	0.23	0.113	(0.144)	0.101	0.012
57	4.75	0.23	0.113	(0.144)	0.101	0.012
58	4.83	0.27	0.130	(0.143)	0.115	0.014
59	4.92	0.27	0.130	(0.143)	0.115	0.014
60	5.00	0.27	0.130	(0.142)	0.115	0.014
61	5.08	0.20	0.097	(0.141)	0.086	0.011
62	5.17	0.20	0.097	(0.141)	0.086	0.011
63	5.25	0.20	0.097	(0.140)	0.086	0.011
64	5.33	0.23	0.113	(0.140)	0.101	0.012
65	5.42	0.23	0.113	(0.139)	0.101	0.012
66	5.50	0.23	0.113	(0.138)	0.101	0.012
67	5.58	0.27	0.130	(0.138)	0.115	0.014
68	5.67	0.27	0.130	(0.137)	0.115	0.014
69	5.75	0.27	0.130	(0.136)	0.115	0.014

70	5.83	0.27	0.130	(0.136)	0.115	0.014
71	5.92	0.27	0.130	(0.135)	0.115	0.014
72	6.00	0.27	0.130	(0.135)	0.115	0.014
73	6.08	0.30	0.146	(0.134)	0.130	0.016
74	6.17	0.30	0.146	(0.133)	0.130	0.016
75	6.25	0.30	0.146	(0.133)	0.130	0.016
76	6.33	0.30	0.146	(0.132)	0.130	0.016
77	6.42	0.30	0.146	(0.132)	0.130	0.016
78	6.50	0.30	0.146	(0.131)	0.130	0.016
79	6.58	0.33	0.162	0.131	(0.144)	0.031
80	6.67	0.33	0.162	0.130	(0.144)	0.032
81	6.75	0.33	0.162	0.129	(0.144)	0.033
82	6.83	0.33	0.162	0.129	(0.144)	0.033
83	6.92	0.33	0.162	0.128	(0.144)	0.034
84	7.00	0.33	0.162	0.128	(0.144)	0.034
85	7.08	0.33	0.162	0.127	(0.144)	0.035
86	7.17	0.33	0.162	0.126	(0.144)	0.036
87	7.25	0.33	0.162	0.126	(0.144)	0.036
88	7.33	0.37	0.178	0.125	(0.159)	0.053
89	7.42	0.37	0.178	0.125	(0.159)	0.053
90	7.50	0.37	0.178	0.124	(0.159)	0.054
91	7.58	0.40	0.194	0.124	(0.173)	0.071
92	7.67	0.40	0.194	0.123	(0.173)	0.071
93	7.75	0.40	0.194	0.122	(0.173)	0.072
94	7.83	0.43	0.211	0.122	(0.187)	0.089
95	7.92	0.43	0.211	0.121	(0.187)	0.089
96	8.00	0.43	0.211	0.121	(0.187)	0.090
97	8.08	0.50	0.243	0.120	(0.216)	0.123
98	8.17	0.50	0.243	0.120	(0.216)	0.123
99	8.25	0.50	0.243	0.119	(0.216)	0.124
100	8.33	0.50	0.243	0.119	(0.216)	0.124
101	8.42	0.50	0.243	0.118	(0.216)	0.125
102	8.50	0.50	0.243	0.117	(0.216)	0.126
103	8.58	0.53	0.259	0.117	(0.231)	0.142
104	8.67	0.53	0.259	0.116	(0.231)	0.143
105	8.75	0.53	0.259	0.116	(0.231)	0.143
106	8.83	0.57	0.275	0.115	(0.245)	0.160
107	8.92	0.57	0.275	0.115	(0.245)	0.161
108	9.00	0.57	0.275	0.114	(0.245)	0.161
109	9.08	0.63	0.308	0.114	(0.274)	0.194
110	9.17	0.63	0.308	0.113	(0.274)	0.195
111	9.25	0.63	0.308	0.113	(0.274)	0.195
112	9.33	0.67	0.324	0.112	(0.288)	0.212
113	9.42	0.67	0.324	0.111	(0.288)	0.213
114	9.50	0.67	0.324	0.111	(0.288)	0.213
115	9.58	0.70	0.340	0.110	(0.303)	0.230
116	9.67	0.70	0.340	0.110	(0.303)	0.230
117	9.75	0.70	0.340	0.109	(0.303)	0.231
118	9.83	0.73	0.356	0.109	(0.317)	0.248
119	9.92	0.73	0.356	0.108	(0.317)	0.248
120	10.00	0.73	0.356	0.108	(0.317)	0.249
121	10.08	0.50	0.243	0.107	(0.216)	0.136
122	10.17	0.50	0.243	0.107	(0.216)	0.136
123	10.25	0.50	0.243	0.106	(0.216)	0.137
124	10.33	0.50	0.243	0.106	(0.216)	0.137
125	10.42	0.50	0.243	0.105	(0.216)	0.138
126	10.50	0.50	0.243	0.105	(0.216)	0.138
127	10.58	0.67	0.324	0.104	(0.288)	0.220
128	10.67	0.67	0.324	0.104	(0.288)	0.220
129	10.75	0.67	0.324	0.103	(0.288)	0.221
130	10.83	0.67	0.324	0.103	(0.288)	0.221
131	10.92	0.67	0.324	0.102	(0.288)	0.222
132	11.00	0.67	0.324	0.102	(0.288)	0.222

133	11.08	0.63	0.308	0.101	(0.274)	0.207
134	11.17	0.63	0.308	0.101	(0.274)	0.207
135	11.25	0.63	0.308	0.100	(0.274)	0.208
136	11.33	0.63	0.308	0.100	(0.274)	0.208
137	11.42	0.63	0.308	0.099	(0.274)	0.209
138	11.50	0.63	0.308	0.099	(0.274)	0.209
139	11.58	0.57	0.275	0.098	(0.245)	0.177
140	11.67	0.57	0.275	0.098	(0.245)	0.178
141	11.75	0.57	0.275	0.097	(0.245)	0.178
142	11.83	0.60	0.292	0.097	(0.259)	0.195
143	11.92	0.60	0.292	0.096	(0.259)	0.195
144	12.00	0.60	0.292	0.096	(0.259)	0.196
145	12.08	0.83	0.405	0.095	(0.360)	0.310
146	12.17	0.83	0.405	0.095	(0.360)	0.310
147	12.25	0.83	0.405	0.094	(0.360)	0.311
148	12.33	0.87	0.421	0.094	(0.375)	0.327
149	12.42	0.87	0.421	0.093	(0.375)	0.328
150	12.50	0.87	0.421	0.093	(0.375)	0.328
151	12.58	0.93	0.454	0.092	(0.404)	0.361
152	12.67	0.93	0.454	0.092	(0.404)	0.362
153	12.75	0.93	0.454	0.091	(0.404)	0.362
154	12.83	0.97	0.470	0.091	(0.418)	0.379
155	12.92	0.97	0.470	0.091	(0.418)	0.379
156	13.00	0.97	0.470	0.090	(0.418)	0.380
157	13.08	1.13	0.551	0.090	(0.490)	0.461
158	13.17	1.13	0.551	0.089	(0.490)	0.462
159	13.25	1.13	0.551	0.089	(0.490)	0.462
160	13.33	1.13	0.551	0.088	(0.490)	0.462
161	13.42	1.13	0.551	0.088	(0.490)	0.463
162	13.50	1.13	0.551	0.087	(0.490)	0.463
163	13.58	0.77	0.373	0.087	(0.332)	0.286
164	13.67	0.77	0.373	0.087	(0.332)	0.286
165	13.75	0.77	0.373	0.086	(0.332)	0.286
166	13.83	0.77	0.373	0.086	(0.332)	0.287
167	13.92	0.77	0.373	0.085	(0.332)	0.287
168	14.00	0.77	0.373	0.085	(0.332)	0.288
169	14.08	0.90	0.437	0.084	(0.389)	0.353
170	14.17	0.90	0.437	0.084	(0.389)	0.353
171	14.25	0.90	0.437	0.083	(0.389)	0.354
172	14.33	0.87	0.421	0.083	(0.375)	0.338
173	14.42	0.87	0.421	0.083	(0.375)	0.339
174	14.50	0.87	0.421	0.082	(0.375)	0.339
175	14.58	0.87	0.421	0.082	(0.375)	0.339
176	14.67	0.87	0.421	0.081	(0.375)	0.340
177	14.75	0.87	0.421	0.081	(0.375)	0.340
178	14.83	0.83	0.405	0.081	(0.360)	0.324
179	14.92	0.83	0.405	0.080	(0.360)	0.325
180	15.00	0.83	0.405	0.080	(0.360)	0.325
181	15.08	0.80	0.389	0.079	(0.346)	0.309
182	15.17	0.80	0.389	0.079	(0.346)	0.310
183	15.25	0.80	0.389	0.078	(0.346)	0.310
184	15.33	0.77	0.373	0.078	(0.332)	0.294
185	15.42	0.77	0.373	0.078	(0.332)	0.295
186	15.50	0.77	0.373	0.077	(0.332)	0.295
187	15.58	0.63	0.308	0.077	(0.274)	0.231
188	15.67	0.63	0.308	0.076	(0.274)	0.231
189	15.75	0.63	0.308	0.076	(0.274)	0.232
190	15.83	0.63	0.308	0.076	(0.274)	0.232
191	15.92	0.63	0.308	0.075	(0.274)	0.232
192	16.00	0.63	0.308	0.075	(0.274)	0.233
193	16.08	0.13	0.065	(0.075)	0.058	0.007
194	16.17	0.13	0.065	(0.074)	0.058	0.007
195	16.25	0.13	0.065	(0.074)	0.058	0.007

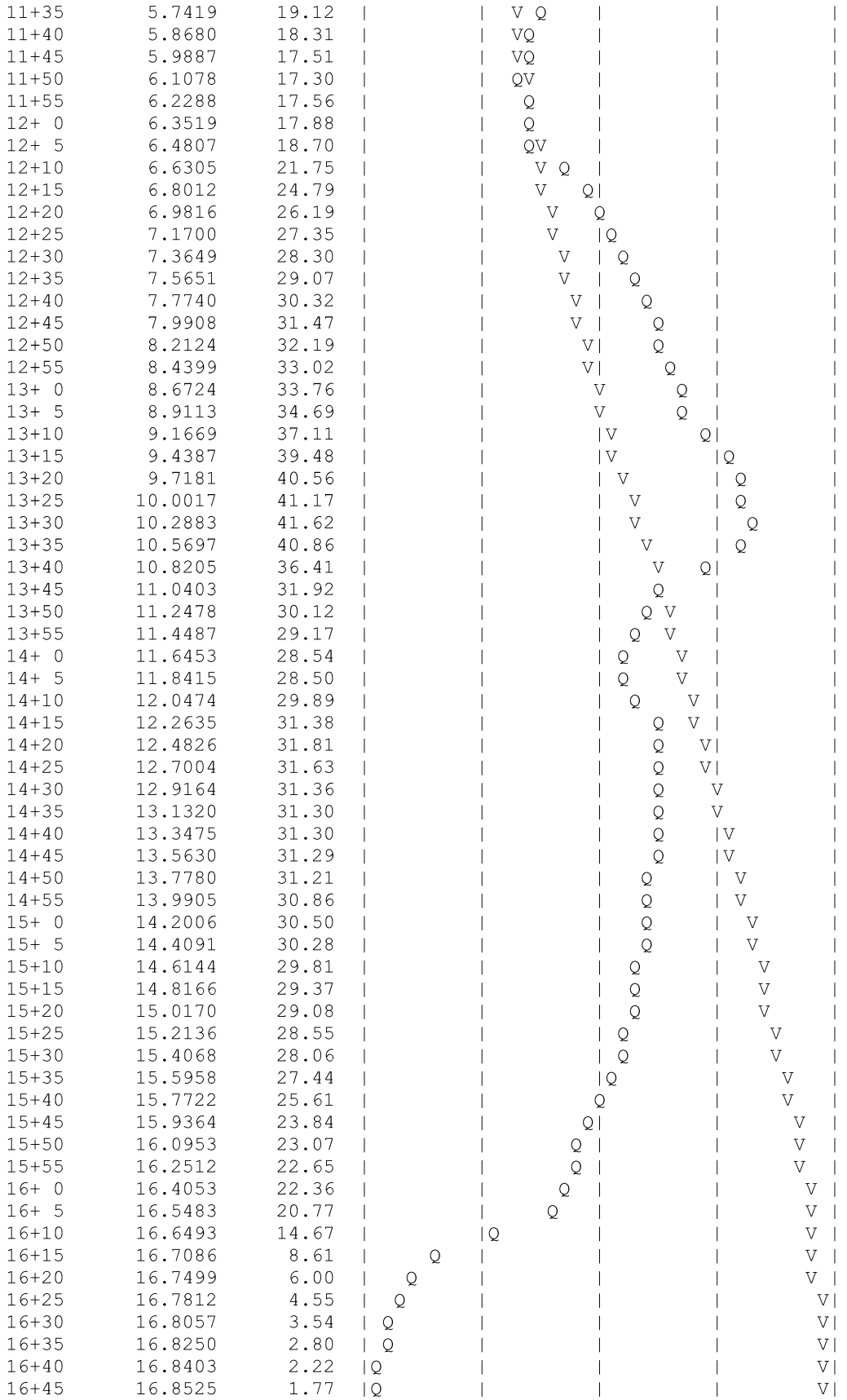
196	16.33	0.13	0.065	(0.073)	0.058	0.007
197	16.42	0.13	0.065	(0.073)	0.058	0.007
198	16.50	0.13	0.065	(0.073)	0.058	0.007
199	16.58	0.10	0.049	(0.072)	0.043	0.005
200	16.67	0.10	0.049	(0.072)	0.043	0.005
201	16.75	0.10	0.049	(0.072)	0.043	0.005
202	16.83	0.10	0.049	(0.071)	0.043	0.005
203	16.92	0.10	0.049	(0.071)	0.043	0.005
204	17.00	0.10	0.049	(0.070)	0.043	0.005
205	17.08	0.17	0.081	0.070	(0.072)	0.011
206	17.17	0.17	0.081	0.070	(0.072)	0.011
207	17.25	0.17	0.081	0.069	(0.072)	0.012
208	17.33	0.17	0.081	0.069	(0.072)	0.012
209	17.42	0.17	0.081	0.069	(0.072)	0.012
210	17.50	0.17	0.081	0.068	(0.072)	0.013
211	17.58	0.17	0.081	0.068	(0.072)	0.013
212	17.67	0.17	0.081	0.068	(0.072)	0.013
213	17.75	0.17	0.081	0.067	(0.072)	0.014
214	17.83	0.13	0.065	(0.067)	0.058	0.007
215	17.92	0.13	0.065	(0.067)	0.058	0.007
216	18.00	0.13	0.065	(0.066)	0.058	0.007
217	18.08	0.13	0.065	(0.066)	0.058	0.007
218	18.17	0.13	0.065	(0.066)	0.058	0.007
219	18.25	0.13	0.065	(0.065)	0.058	0.007
220	18.33	0.13	0.065	(0.065)	0.058	0.007
221	18.42	0.13	0.065	(0.065)	0.058	0.007
222	18.50	0.13	0.065	(0.064)	0.058	0.007
223	18.58	0.10	0.049	(0.064)	0.043	0.005
224	18.67	0.10	0.049	(0.064)	0.043	0.005
225	18.75	0.10	0.049	(0.064)	0.043	0.005
226	18.83	0.07	0.032	(0.063)	0.029	0.004
227	18.92	0.07	0.032	(0.063)	0.029	0.004
228	19.00	0.07	0.032	(0.063)	0.029	0.004
229	19.08	0.10	0.049	(0.062)	0.043	0.005
230	19.17	0.10	0.049	(0.062)	0.043	0.005
231	19.25	0.10	0.049	(0.062)	0.043	0.005
232	19.33	0.13	0.065	(0.061)	0.058	0.007
233	19.42	0.13	0.065	(0.061)	0.058	0.007
234	19.50	0.13	0.065	(0.061)	0.058	0.007
235	19.58	0.10	0.049	(0.061)	0.043	0.005
236	19.67	0.10	0.049	(0.060)	0.043	0.005
237	19.75	0.10	0.049	(0.060)	0.043	0.005
238	19.83	0.07	0.032	(0.060)	0.029	0.004
239	19.92	0.07	0.032	(0.060)	0.029	0.004
240	20.00	0.07	0.032	(0.059)	0.029	0.004
241	20.08	0.10	0.049	(0.059)	0.043	0.005
242	20.17	0.10	0.049	(0.059)	0.043	0.005
243	20.25	0.10	0.049	(0.058)	0.043	0.005
244	20.33	0.10	0.049	(0.058)	0.043	0.005
245	20.42	0.10	0.049	(0.058)	0.043	0.005
246	20.50	0.10	0.049	(0.058)	0.043	0.005
247	20.58	0.10	0.049	(0.057)	0.043	0.005
248	20.67	0.10	0.049	(0.057)	0.043	0.005
249	20.75	0.10	0.049	(0.057)	0.043	0.005
250	20.83	0.07	0.032	(0.057)	0.029	0.004
251	20.92	0.07	0.032	(0.057)	0.029	0.004
252	21.00	0.07	0.032	(0.056)	0.029	0.004
253	21.08	0.10	0.049	(0.056)	0.043	0.005
254	21.17	0.10	0.049	(0.056)	0.043	0.005
255	21.25	0.10	0.049	(0.056)	0.043	0.005
256	21.33	0.07	0.032	(0.055)	0.029	0.004
257	21.42	0.07	0.032	(0.055)	0.029	0.004
258	21.50	0.07	0.032	(0.055)	0.029	0.004

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259  21.58     0.10      0.049       (  0.055)       0.043        0.005
260  21.67     0.10      0.049       (  0.055)       0.043        0.005
261  21.75     0.10      0.049       (  0.054)       0.043        0.005
262  21.83     0.07      0.032       (  0.054)       0.029        0.004
263  21.92     0.07      0.032       (  0.054)       0.029        0.004
264  22.00     0.07      0.032       (  0.054)       0.029        0.004
265  22.08     0.10      0.049       (  0.054)       0.043        0.005
266  22.17     0.10      0.049       (  0.054)       0.043        0.005
267  22.25     0.10      0.049       (  0.053)       0.043        0.005
268  22.33     0.07      0.032       (  0.053)       0.029        0.004
269  22.42     0.07      0.032       (  0.053)       0.029        0.004
270  22.50     0.07      0.032       (  0.053)       0.029        0.004
271  22.58     0.07      0.032       (  0.053)       0.029        0.004
272  22.67     0.07      0.032       (  0.053)       0.029        0.004
273  22.75     0.07      0.032       (  0.052)       0.029        0.004
274  22.83     0.07      0.032       (  0.052)       0.029        0.004
275  22.92     0.07      0.032       (  0.052)       0.029        0.004
276  23.00     0.07      0.032       (  0.052)       0.029        0.004
277  23.08     0.07      0.032       (  0.052)       0.029        0.004
278  23.17     0.07      0.032       (  0.052)       0.029        0.004
279  23.25     0.07      0.032       (  0.052)       0.029        0.004
280  23.33     0.07      0.032       (  0.052)       0.029        0.004
281  23.42     0.07      0.032       (  0.051)       0.029        0.004
282  23.50     0.07      0.032       (  0.051)       0.029        0.004
283  23.58     0.07      0.032       (  0.051)       0.029        0.004
284  23.67     0.07      0.032       (  0.051)       0.029        0.004
285  23.75     0.07      0.032       (  0.051)       0.029        0.004
286  23.83     0.07      0.032       (  0.051)       0.029        0.004
287  23.92     0.07      0.032       (  0.051)       0.029        0.004
288  24.00     0.07      0.032       (  0.051)       0.029        0.004
            (Loss Rate Not Used)
    Sum =     100.0                                  Sum =    27.0
     Flood volume = Effective rainfall      2.25(In)
      times area      91.8(Ac.)/[(In)/(Ft.)] =      17.2(Ac.Ft)
     Total soil loss =      1.80(In)
     Total soil loss =    13.788(Ac.Ft)
     Total rainfall =      4.05(In)
     Flood volume =      748762.1 Cubic Feet
     Total soil loss =      600593.7 Cubic Feet
     ---------------------------------------------------------------------
      Peak flow rate of this hydrograph =     41.620(CFS)
     ---------------------------------------------------------------------
     +++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
                        24 - H O U R    S T O R M
                    R u n o f f      H y d r o g r a p h
     ---------------------------------------------------------------------
                 Hydrograph in   5   Minute intervals ((CFS))

     ---------------------------------------------------------------------
 Time(h+m) Volume Ac.Ft   Q(CFS)  0       12.5      25.0      37.5      50.0
 ---------------------------------------------------------------------------
   0+ 5       0.0002      0.02  Q         |         |         |         |
   0+10       0.0010      0.12  Q         |         |         |         |
   0+15       0.0024      0.21  Q         |         |         |         |
   0+20       0.0042      0.26  Q         |         |         |         |
   0+25       0.0065      0.33  Q         |         |         |         |
   0+30       0.0092      0.39  Q         |         |         |         |
   0+35       0.0121      0.42  Q         |         |         |         |
   0+40       0.0151      0.44  Q         |         |         |         |
   0+45       0.0182      0.45  Q         |         |         |         |
   0+50       0.0215      0.48  Q         |         |         |         |
   0+55       0.0251      0.53  Q         |         |         |         |
   1+ 0       0.0292      0.58  Q         |         |         |         |
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1+ 5	0.0333	0.60	Q				
1+10	0.0372	0.56	Q				
1+15	0.0408	0.53	Q				
1+20	0.0444	0.52	Q				
1+25	0.0479	0.51	Q				
1+30	0.0514	0.51	Q				
1+35	0.0548	0.50	Q				
1+40	0.0583	0.50	Q				
1+45	0.0617	0.50	Q				
1+50	0.0653	0.51	Q				
1+55	0.0691	0.56	Q				
2+ 0	0.0732	0.60	Q				
2+ 5	0.0775	0.62	Q				
2+10	0.0819	0.63	Q				
2+15	0.0863	0.64	Q				
2+20	0.0907	0.64	Q				
2+25	0.0952	0.65	Q				
2+30	0.0996	0.65	Q				
2+35	0.1042	0.66	Q				
2+40	0.1091	0.71	Q				
2+45	0.1144	0.76	Q				
2+50	0.1197	0.78	Q				
2+55	0.1252	0.79	Q				
3+ 0	0.1307	0.80	Q				
3+ 5	0.1363	0.81	Q				
3+10	0.1419	0.81	Q				
3+15	0.1475	0.82	Q				
3+20	0.1531	0.82	Q				
3+25	0.1588	0.82	Q				
3+30	0.1644	0.82	Q				
3+35	0.1701	0.82	Q				
3+40	0.1758	0.82	Q				
3+45	0.1814	0.82	Q				
3+50	0.1872	0.84	Q				
3+55	0.1933	0.88	Q				
4+ 0	0.1997	0.93	Q				
4+ 5	0.2062	0.95	Q				
4+10	0.2128	0.96	Q				
4+15	0.2195	0.97	Q				
4+20	0.2263	0.98	Q				
4+25	0.2334	1.04	Q				
4+30	0.2409	1.08	Q				
4+35	0.2485	1.11	Q				
4+40	0.2562	1.12	Q				
4+45	0.2640	1.13	Q				
4+50	0.2719	1.15	Q				
4+55	0.2801	1.20	Q				
5+ 0	0.2887	1.25	Q				
5+ 5	0.2974	1.25	VQ				
5+10	0.3054	1.17	Q				
5+15	0.3129	1.08	Q				
5+20	0.3202	1.06	Q				
5+25	0.3277	1.09	Q				
5+30	0.3355	1.13	Q				
5+35	0.3434	1.15	Q				
5+40	0.3517	1.20	Q				
5+45	0.3603	1.25	VQ				
5+50	0.3691	1.27	VQ				
5+55	0.3780	1.29	VQ				
6+ 0	0.3869	1.29	VQ				
6+ 5	0.3959	1.31	VQ				
6+10	0.4053	1.36	VQ				
6+15	0.4150	1.41	VQ				

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 6+20       0.4249      1.43  VQ         |          |          |          |
 6+25       0.4349      1.45  |Q         |          |          |          |
 6+30       0.4449      1.46  |Q         |          |          |          |
 6+35       0.4557      1.56  |Q         |          |          |          |
 6+40       0.4693      1.98  |Q         |          |          |          |
 6+45       0.4858      2.40  |Q         |          |          |          |
 6+50       0.5038      2.61  |VQ        |          |          |          |
 6+55       0.5228      2.75  |VQ        |          |          |          |
 7+ 0       0.5425      2.86  |VQ        |          |          |          |
 7+ 5       0.5628      2.96  |VQ        |          |          |          |
 7+10       0.5838      3.04  |VQ        |          |          |          |
 7+15       0.6052      3.12  |VQ        |          |          |          |
 7+20       0.6279      3.29  |VQ        |          |          |          |
 7+25       0.6539      3.78  |V Q       |          |          |          |
 7+30       0.6834      4.28  |V Q       |          |          |          |
 7+35       0.7152      4.62  |V Q       |          |          |          |
 7+40       0.7510      5.20  |V  Q      |          |          |          |
 7+45       0.7907      5.76  |V  Q      |          |          |          |
 7+50       0.8330      6.15  |V  Q      |          |          |          |
 7+55       0.8796      6.76  | V  Q     |          |          |          |
 8+ 0       0.9301      7.33  | V  Q     |          |          |          |
 8+ 5       0.9841      7.84  | V   Q    |          |          |          |
 8+10       1.0453      8.90  | V    Q   |          |          |          |
 8+15       1.1136      9.91  | V    Q   |          |          |          |
 8+20       1.1853     10.41  | V     Q  |          |          |          |
 8+25       1.2591     10.72  | V     Q  |          |          |          |
 8+30       1.3345     10.95  |  V    Q  |          |          |          |
 8+35       1.4120     11.24  |  V    Q  |          |          |          |
 8+40       1.4934     11.82  |  V     Q|          |          |          |
 8+45       1.5786     12.37  |  V     Q|          |          |          |
 8+50       1.6665     12.77  |  V      Q          |          |          |
 8+55       1.7587     13.39  |   V     Q          |          |          |
 9+ 0       1.8549     13.97  |   V     |Q         |          |          |
 9+ 5       1.9546     14.47  |   V     |Q         |          |          |
 9+10       2.0615     15.53  |   V     | Q        |          |          |
 9+15       2.1755     16.54  |    V    |  Q       |          |          |
 9+20       2.2935     17.14  |    V    |  Q       |          |          |
 9+25       2.4165     17.86  |    V    |   Q      |          |          |
 9+30       2.5440     18.52  |    V    |   Q      |          |          |
 9+35       2.6748     18.98  |     V   |    Q     |          |          |
 9+40       2.8101     19.65  |     V   |    Q     |          |          |
 9+45       2.9497     20.27  |     V   |     Q    |          |          |
 9+50       3.0924     20.71  |      V  |     Q    |          |          |
 9+55       3.2395     21.37  |      V  |      Q   |          |          |
10+ 0       3.3909     21.97  |      V  |      Q   |          |          |
10+ 5       3.5396     21.60  |       V |      Q   |          |          |
10+10       3.6693     18.83  |       V |    Q     |          |          |
10+15       3.7796     16.01  |       V | Q        |          |          |
10+20       3.8821     14.89  |        V|Q         |          |          |
10+25       3.9807     14.31  |        V|Q         |          |          |
10+30       4.0767     13.93  |        V|Q         |          |          |
10+35       4.1743     14.18  |        V|Q         |          |          |
10+40       4.2854     16.13  |        V| Q        |          |          |
10+45       4.4104     18.15  |         V   Q      |          |          |
10+50       4.5408     18.95  |         V    Q     |          |          |
10+55       4.6743     19.37  |         V    Q     |          |          |
11+ 0       4.8097     19.67  |         |V   Q     |          |          |
11+ 5       4.9461     19.79  |         |V   Q     |          |          |
11+10       5.0806     19.54  |         |V   Q     |          |          |
11+15       5.2131     19.24  |         | V  Q     |          |          |
11+20       5.3452     19.18  |         | V  Q     |          |          |
11+25       5.4776     19.22  |         | V  Q     |          |          |
11+30       5.6103     19.27  |         |  V Q     |          |          |
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11+35	5.7419	19.12	V Q
11+40	5.8680	18.31	VQ
11+45	5.9887	17.51	VQ
11+50	6.1078	17.30	QV
11+55	6.2288	17.56	Q
12+ 0	6.3519	17.88	Q
12+ 5	6.4807	18.70	QV
12+10	6.6305	21.75	V Q
12+15	6.8012	24.79	V Q
12+20	6.9816	26.19	V Q
12+25	7.1700	27.35	V Q
12+30	7.3649	28.30	V Q
12+35	7.5651	29.07	V Q
12+40	7.7740	30.32	V Q
12+45	7.9908	31.47	V Q
12+50	8.2124	32.19	V Q
12+55	8.4399	33.02	V Q
13+ 0	8.6724	33.76	V Q
13+ 5	8.9113	34.69	V Q
13+10	9.1669	37.11	V Q
13+15	9.4387	39.48	V Q
13+20	9.7181	40.56	V Q
13+25	10.0017	41.17	V Q
13+30	10.2883	41.62	V Q
13+35	10.5697	40.86	V Q
13+40	10.8205	36.41	V Q
13+45	11.0403	31.92	Q
13+50	11.2478	30.12	Q V
13+55	11.4487	29.17	Q V
14+ 0	11.6453	28.54	Q V
14+ 5	11.8415	28.50	Q V
14+10	12.0474	29.89	Q V
14+15	12.2635	31.38	Q V
14+20	12.4826	31.81	Q V
14+25	12.7004	31.63	Q V
14+30	12.9164	31.36	Q V
14+35	13.1320	31.30	Q V
14+40	13.3475	31.30	Q V
14+45	13.5630	31.29	Q V
14+50	13.7780	31.21	Q V
14+55	13.9905	30.86	Q V
15+ 0	14.2006	30.50	Q V
15+ 5	14.4091	30.28	Q V
15+10	14.6144	29.81	Q V
15+15	14.8166	29.37	Q V
15+20	15.0170	29.08	Q V
15+25	15.2136	28.55	Q V
15+30	15.4068	28.06	Q V
15+35	15.5958	27.44	Q V
15+40	15.7722	25.61	Q V
15+45	15.9364	23.84	Q V
15+50	16.0953	23.07	Q V
15+55	16.2512	22.65	Q V
16+ 0	16.4053	22.36	Q V
16+ 5	16.5483	20.77	Q V
16+10	16.6493	14.67	Q V
16+15	16.7086	8.61	Q V
16+20	16.7499	6.00	Q V
16+25	16.7812	4.55	Q V
16+30	16.8057	3.54	Q V
16+35	16.8250	2.80	Q V
16+40	16.8403	2.22	Q V
16+45	16.8525	1.77	Q V

16+50	16.8622	1.41	|Q	|	|	|	V|
16+55	16.8701	1.16	Q	|	|	|	V|
17+ 0	16.8767	0.96	Q	|	|	|	V|
17+ 5	16.8825	0.84	Q	|	|	|	V|
17+10	16.8885	0.87	Q	|	|	|	V|
17+15	16.8948	0.91	Q	|	|	|	V|
17+20	16.9012	0.92	Q	|	|	|	V|
17+25	16.9079	0.98	Q	|	|	|	V|
17+30	16.9150	1.03	Q	|	|	|	V|
17+35	16.9223	1.07	Q	|	|	|	V|
17+40	16.9300	1.11	Q	|	|	|	V|
17+45	16.9379	1.15	Q	|	|	|	V|
17+50	16.9458	1.14	Q	|	|	|	V|
17+55	16.9526	1.00	Q	|	|	|	V|
18+ 0	16.9584	0.84	Q	|	|	|	V|
18+ 5	16.9638	0.78	Q	|	|	|	V|
18+10	16.9689	0.75	Q	|	|	|	V|
18+15	16.9739	0.73	Q	|	|	|	V|
18+20	16.9788	0.71	Q	|	|	|	V|
18+25	16.9836	0.70	Q	|	|	|	V|
18+30	16.9884	0.69	Q	|	|	|	V|
18+35	16.9930	0.67	Q	|	|	|	V|
18+40	16.9973	0.62	Q	|	|	|	V|
18+45	17.0012	0.57	Q	|	|	|	V|
18+50	17.0048	0.53	Q	|	|	|	V|
18+55	17.0081	0.47	Q	|	|	|	V|
19+ 0	17.0109	0.41	Q	|	|	|	V|
19+ 5	17.0137	0.40	Q	|	|	|	V|
19+10	17.0166	0.43	Q	|	|	|	V|
19+15	17.0198	0.47	Q	|	|	|	V|
19+20	17.0232	0.49	Q	|	|	|	V|
19+25	17.0269	0.54	Q	|	|	|	V|
19+30	17.0310	0.59	Q	|	|	|	V|
19+35	17.0351	0.60	Q	|	|	|	V|
19+40	17.0390	0.57	Q	|	|	|	V|
19+45	17.0427	0.53	Q	|	|	|	V|
19+50	17.0461	0.50	Q	|	|	|	V|
19+55	17.0492	0.45	Q	|	|	|	V|
20+ 0	17.0520	0.40	Q	|	|	|	V|
20+ 5	17.0547	0.39	Q	|	|	|	V|
20+10	17.0576	0.42	Q	|	|	|	V|
20+15	17.0608	0.46	Q	|	|	|	V|
20+20	17.0640	0.48	Q	|	|	|	V|
20+25	17.0673	0.48	Q	|	|	|	V|
20+30	17.0707	0.49	Q	|	|	|	V|
20+35	17.0741	0.49	Q	|	|	|	V|
20+40	17.0774	0.49	Q	|	|	|	V|
20+45	17.0808	0.49	Q	|	|	|	V|
20+50	17.0841	0.48	Q	|	|	|	V|
20+55	17.0871	0.43	Q	|	|	|	V|
21+ 0	17.0897	0.39	Q	|	|	|	V|
21+ 5	17.0923	0.38	Q	|	|	|	V|
21+10	17.0952	0.42	Q	|	|	|	V|
21+15	17.0983	0.46	Q	|	|	|	V|
21+20	17.1015	0.46	Q	|	|	|	V|
21+25	17.1044	0.42	Q	|	|	|	V|
21+30	17.1070	0.38	Q	|	|	|	V|
21+35	17.1096	0.37	Q	|	|	|	V|
21+40	17.1124	0.41	Q	|	|	|	V|
21+45	17.1155	0.45	Q	|	|	|	V|
21+50	17.1186	0.46	Q	|	|	|	V|
21+55	17.1215	0.42	Q	|	|	|	V|
22+ 0	17.1241	0.37	Q	|	|	|	V|

22+ 5	17.1266	0.37	Q	|	|	|	V|
22+10	17.1294	0.41	Q	|	|	|	V|
22+15	17.1325	0.45	Q	|	|	|	V|
22+20	17.1357	0.46	Q	|	|	|	V|
22+25	17.1385	0.42	Q	|	|	|	V|
22+30	17.1411	0.37	Q	|	|	|	V|
22+35	17.1436	0.36	Q	|	|	|	V|
22+40	17.1460	0.35	Q	|	|	|	V|
22+45	17.1484	0.35	Q	|	|	|	V|
22+50	17.1507	0.34	Q	|	|	|	V|
22+55	17.1531	0.34	Q	|	|	|	V|
23+ 0	17.1554	0.34	Q	|	|	|	V|
23+ 5	17.1577	0.33	Q	|	|	|	V|
23+10	17.1600	0.33	Q	|	|	|	V|
23+15	17.1623	0.33	Q	|	|	|	V|
23+20	17.1645	0.33	Q	|	|	|	V|
23+25	17.1668	0.33	Q	|	|	|	V|
23+30	17.1691	0.33	Q	|	|	|	V|
23+35	17.1714	0.33	Q	|	|	|	V|
23+40	17.1736	0.33	Q	|	|	|	V|
23+45	17.1759	0.33	Q	|	|	|	V|
23+50	17.1782	0.33	Q	|	|	|	V|
23+55	17.1805	0.33	Q	|	|	|	V|
24+ 0	17.1827	0.33	Q	|	|	|	V|
24+ 5	17.1849	0.31	Q	|	|	|	V|
24+10	17.1863	0.21	Q	|	|	|	V|
24+15	17.1872	0.12	Q	|	|	|	V|
24+20	17.1877	0.08	Q	|	|	|	V|
24+25	17.1881	0.06	Q	|	|	|	V|
24+30	17.1884	0.04	Q	|	|	|	V|
24+35	17.1886	0.03	Q	|	|	|	V|
24+40	17.1888	0.02	Q	|	|	|	V|
24+45	17.1889	0.02	Q	|	|	|	V|
24+50	17.1890	0.01	Q	|	|	|	V|
24+55	17.1891	0.01	Q	|	|	|	V|
25+ 0	17.1892	0.01	Q	|	|	|	V|
25+ 5	17.1892	0.00	Q	|	|	|	V|
25+10	17.1892	0.00	Q	|	|	|	V|
25+15	17.1892	0.00	Q	|	|	|	V

ATTACHMENT G:

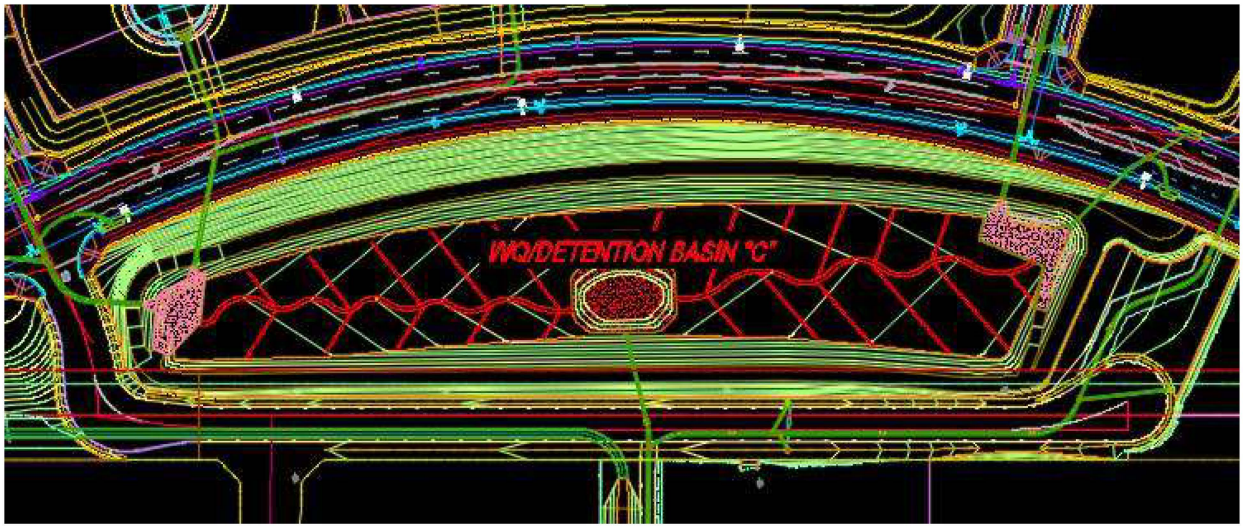
DETENTION BASIN C (ON-SITE) ROUTING

Water Quality – DETENTION BASIN ROUTINGS

Drainage Area C (On-site)

Sensitive Analysis

2-, 5-, 10-, 100-yr 1-, 3-, 6- 24-hour storm



WQ / DETENTION BASIN C

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                FLOOD HYDROGRAPH ROUTING PROGRAM
          Copyright (c) CIVILCADD/CIVILDESIGN, 1989 - 2005
                      Study date: 04/03/24


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Keller Crossing, Tr. 38163
WQ - Detention Basin Routing Area C onsite
Detention Basin C full with DCV at 1426
2-year 1-hour storm Inflow Hydrograph


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


Program License Serial Number 4029

------------------------------------------------------------------------
******************** HYDROGRAPH INFORMATION **********************

             From study/file name: 907hydc2pr12.rte
****************************HYDROGRAPH DATA*****************************
             Number of intervals =    20
             Time interval =    5.0 (Min.)
             Maximum/Peak flow rate =       92.574 (CFS)
             Total volume =       2.822 (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       10.000 to Point/Station       11.000
**** RETARDING BASIN ROUTING ****
________________________________________________________________________

User entry of depth-outflow-storage data
------------------------------------------------------------------------
Total number of inflow hydrograph intervals = 20
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  Storage    Outflow   (S-O*dt/2)   (S+O*dt/2)
     (Ft.)    (Ac.Ft)    (CFS)     (Ac.Ft)    (Ac.Ft)
------------------------------------------------------------------------
   0.000      0.000      0.000      0.000        0.000
   1.000      1.948      1.800      1.942        1.954
   2.000      4.304      2.020      4.297        4.311
   3.000      7.054      3.480      7.042        7.066
   4.000     10.094     49.260      9.924       10.264
```

4.500	11.710	87.250	11.410	12.010
5.000	13.325	331.310	12.184	14.466
6.000	16.754	1244.540	12.468	21.040

Hydrograph Detention Basin Routing

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

Time (Hours)	Inflow (CFS)	Outflow (CFS)	Storage (Ac.Ft)	.0 23.1 46.29 69.43 92.57	Depth (Ft.)
0.083	2.04	0.01	0.007	O | | | |	0.00
0.167	8.27	0.04	0.042	O I | | | |	0.02
0.250	11.93	0.10	0.111	O I | | | |	0.06
0.333	13.96	0.18	0.200	O I | | | |	0.10
0.417	15.76	0.28	0.300	O I | | | |	0.15
0.500	17.83	0.38	0.414	O I | | | |	0.21
0.583	20.60	0.50	0.543	O I| | | |	0.28
0.667	23.86	0.64	0.692	O I | | |	0.36
0.750	32.64	0.81	0.882	O | I | | |	0.45
0.833	63.25	1.11	1.205	O | | I | |	0.62
0.917	92.57	1.60	1.733	O | | | | I	0.89
1.000	47.81	1.82	2.204	O | | I | |	1.11
1.083	26.64	1.85	2.448	O | I | | |	1.21
1.167	13.51	1.86	2.573	O I | | | |	1.27
1.250	8.05	1.86	2.635	O I | | | |	1.29
1.333	5.10	1.87	2.667	OI | | | |	1.31
1.417	3.20	1.87	2.683	OI | | | |	1.31
1.500	2.11	1.87	2.688	O | | | |	1.31
1.583	0.42	1.87	2.684	O | | | |	1.31
1.667	0.14	1.87	2.673	O | | | |	1.31
1.750	0.00	1.87	2.661	O | | | |	1.30
1.833	0.00	1.87	2.648	O | | | |	1.30
1.917	0.00	1.86	2.635	O | | | |	1.29
2.000	0.00	1.86	2.622	O | | | |	1.29
2.083	0.00	1.86	2.610	O | | | |	1.28
2.167	0.00	1.86	2.597	O | | | |	1.28
2.250	0.00	1.86	2.584	O | | | |	1.27
2.333	0.00	1.86	2.571	O | | | |	1.26
2.417	0.00	1.86	2.558	O | | | |	1.26
2.500	0.00	1.86	2.546	O | | | |	1.25
2.583	0.00	1.85	2.533	O | | | |	1.25
2.667	0.00	1.85	2.520	O | | | |	1.24
2.750	0.00	1.85	2.507	O | | | |	1.24
2.833	0.00	1.85	2.495	O | | | |	1.23
2.917	0.00	1.85	2.482	O | | | |	1.23
3.000	0.00	1.85	2.469	O | | | |	1.22
3.083	0.00	1.85	2.456	O | | | |	1.22
3.167	0.00	1.85	2.444	O | | | |	1.21
3.250	0.00	1.85	2.431	O | | | |	1.20
3.333	0.00	1.84	2.418	O | | | |	1.20
3.417	0.00	1.84	2.405	O | | | |	1.19
3.500	0.00	1.84	2.393	O | | | |	1.19
3.583	0.00	1.84	2.380	O | | | |	1.18
3.667	0.00	1.84	2.367	O | | | |	1.18
3.750	0.00	1.84	2.355	O | | | |	1.17
3.833	0.00	1.84	2.342	O | | | |	1.17
3.917	0.00	1.84	2.329	O | | | |	1.16
4.000	0.00	1.83	2.317	O | | | |	1.16
4.083	0.00	1.83	2.304	O | | | |	1.15
4.167	0.00	1.83	2.292	O | | | |	1.15
4.250	0.00	1.83	2.279	O | | | |	1.14
4.333	0.00	1.83	2.266	O | | | |	1.14

4.417	0.00	1.83	2.254	O				1.13
4.500	0.00	1.83	2.241	O				1.12
4.583	0.00	1.83	2.229	O				1.12
4.667	0.00	1.83	2.216	O				1.11
4.750	0.00	1.82	2.203	O				1.11
4.833	0.00	1.82	2.191	O				1.10
4.917	0.00	1.82	2.178	O				1.10
5.000	0.00	1.82	2.166	O				1.09
5.083	0.00	1.82	2.153	O				1.09
5.167	0.00	1.82	2.141	O				1.08
5.250	0.00	1.82	2.128	O				1.08
5.333	0.00	1.82	2.116	O				1.07
5.417	0.00	1.81	2.103	O				1.07
5.500	0.00	1.81	2.091	O				1.06
5.583	0.00	1.81	2.078	O				1.06
5.667	0.00	1.81	2.066	O				1.05
5.750	0.00	1.81	2.053	O				1.04
5.833	0.00	1.81	2.041	O				1.04
5.917	0.00	1.81	2.028	O				1.03
6.000	0.00	1.81	2.016	O				1.03
6.083	0.00	1.81	2.004	O				1.02
6.167	0.00	1.80	1.991	O				1.02
6.250	0.00	1.80	1.979	O				1.01
6.333	0.00	1.80	1.966	O				1.01
6.417	0.00	1.80	1.954	O				1.00
6.500	0.00	1.79	1.941	O				1.00
6.583	0.00	1.78	1.929	O				0.99
6.667	0.00	1.77	1.917	O				0.98
6.750	0.00	1.76	1.905	O				0.98
6.833	0.00	1.75	1.893	O				0.97
6.917	0.00	1.74	1.881	O				0.97
7.000	0.00	1.73	1.869	O				0.96
7.083	0.00	1.72	1.857	O				0.95
7.167	0.00	1.70	1.845	O				0.95
7.250	0.00	1.69	1.833	O				0.94
7.333	0.00	1.68	1.822	O				0.94
7.417	0.00	1.67	1.810	O				0.93
7.500	0.00	1.66	1.799	O				0.92
7.583	0.00	1.65	1.787	O				0.92
7.667	0.00	1.64	1.776	O				0.91
7.750	0.00	1.63	1.765	O				0.91
7.833	0.00	1.62	1.754	O				0.90
7.917	0.00	1.61	1.742	O				0.89
8.000	0.00	1.60	1.731	O				0.89
8.083	0.00	1.59	1.720	O				0.88
8.167	0.00	1.58	1.709	O				0.88
8.250	0.00	1.57	1.699	O				0.87
8.333	0.00	1.56	1.688	O				0.87
8.417	0.00	1.55	1.677	O				0.86
8.500	0.00	1.54	1.666	O				0.86
8.583	0.00	1.53	1.656	O				0.85
8.667	0.00	1.52	1.645	O				0.84
8.750	0.00	1.51	1.635	O				0.84
8.833	0.00	1.50	1.625	O				0.83
8.917	0.00	1.49	1.614	O				0.83
9.000	0.00	1.48	1.604	O				0.82
9.083	0.00	1.47	1.594	O				0.82
9.167	0.00	1.46	1.584	O				0.81
9.250	0.00	1.45	1.574	O				0.81
9.333	0.00	1.44	1.564	O				0.80
9.417	0.00	1.44	1.554	O				0.80
9.500	0.00	1.43	1.544	O				0.79
9.583	0.00	1.42	1.534	O				0.79

9.667	0.00	1.41	1.524	O				0.78
9.750	0.00	1.40	1.515	O				0.78
9.833	0.00	1.39	1.505	O				0.77
9.917	0.00	1.38	1.496	O				0.77
10.000	0.00	1.37	1.486	O				0.76
10.083	0.00	1.36	1.477	O				0.76
10.167	0.00	1.36	1.467	O				0.75
10.250	0.00	1.35	1.458	O				0.75
10.333	0.00	1.34	1.449	O				0.74
10.417	0.00	1.33	1.440	O				0.74
10.500	0.00	1.32	1.430	O				0.73
10.583	0.00	1.31	1.421	O				0.73
10.667	0.00	1.31	1.412	O				0.73
10.750	0.00	1.30	1.403	O				0.72
10.833	0.00	1.29	1.394	O				0.72
10.917	0.00	1.28	1.386	O				0.71
11.000	0.00	1.27	1.377	O				0.71
11.083	0.00	1.26	1.368	O				0.70
11.167	0.00	1.26	1.359	O				0.70
11.250	0.00	1.25	1.351	O				0.69
11.333	0.00	1.24	1.342	O				0.69
11.417	0.00	1.23	1.334	O				0.68
11.500	0.00	1.22	1.325	O				0.68
11.583	0.00	1.22	1.317	O				0.68
11.667	0.00	1.21	1.309	O				0.67
11.750	0.00	1.20	1.300	O				0.67
11.833	0.00	1.19	1.292	O				0.66
11.917	0.00	1.19	1.284	O				0.66
12.000	0.00	1.18	1.276	O				0.65
12.083	0.00	1.17	1.268	O				0.65
12.167	0.00	1.16	1.259	O				0.65
12.250	0.00	1.16	1.252	O				0.64
12.333	0.00	1.15	1.244	O				0.64
12.417	0.00	1.14	1.236	O				0.63
12.500	0.00	1.13	1.228	O				0.63
12.583	0.00	1.13	1.220	O				0.63
12.667	0.00	1.12	1.212	O				0.62
12.750	0.00	1.11	1.205	O				0.62
12.833	0.00	1.11	1.197	O				0.61
12.917	0.00	1.10	1.189	O				0.61
13.000	0.00	1.09	1.182	O				0.61
13.083	0.00	1.09	1.174	O				0.60
13.167	0.00	1.08	1.167	O				0.60
13.250	0.00	1.07	1.159	O				0.60
13.333	0.00	1.06	1.152	O				0.59
13.417	0.00	1.06	1.145	O				0.59
13.500	0.00	1.05	1.138	O				0.58
13.583	0.00	1.04	1.130	O				0.58
13.667	0.00	1.04	1.123	O				0.58
13.750	0.00	1.03	1.116	O				0.57
13.833	0.00	1.02	1.109	O				0.57
13.917	0.00	1.02	1.102	O				0.57
14.000	0.00	1.01	1.095	O				0.56
14.083	0.00	1.01	1.088	O				0.56
14.167	0.00	1.00	1.081	O				0.55
14.250	0.00	0.99	1.074	O				0.55
14.333	0.00	0.99	1.067	O				0.55
14.417	0.00	0.98	1.061	O				0.54
14.500	0.00	0.97	1.054	O				0.54
14.583	0.00	0.97	1.047	O				0.54
14.667	0.00	0.96	1.041	O				0.53
14.750	0.00	0.96	1.034	O				0.53
14.833	0.00	0.95	1.027	O				0.53

14.917	0.00	0.94	1.021	O				0.52
15.000	0.00	0.94	1.014	O				0.52
15.083	0.00	0.93	1.008	O				0.52
15.167	0.00	0.93	1.002	O				0.51
15.250	0.00	0.92	0.995	O				0.51
15.333	0.00	0.91	0.989	O				0.51
15.417	0.00	0.91	0.983	O				0.50
15.500	0.00	0.90	0.976	O				0.50
15.583	0.00	0.90	0.970	O				0.50
15.667	0.00	0.89	0.964	O				0.49
15.750	0.00	0.89	0.958	O				0.49
15.833	0.00	0.88	0.952	O				0.49
15.917	0.00	0.87	0.946	O				0.49
16.000	0.00	0.87	0.940	O				0.48
16.083	0.00	0.86	0.934	O				0.48
16.167	0.00	0.86	0.928	O				0.48
16.250	0.00	0.85	0.922	O				0.47
16.333	0.00	0.85	0.916	O				0.47
16.417	0.00	0.84	0.910	O				0.47
16.500	0.00	0.84	0.905	O				0.46
16.583	0.00	0.83	0.899	O				0.46
16.667	0.00	0.83	0.893	O				0.46
16.750	0.00	0.82	0.888	O				0.46
16.833	0.00	0.81	0.882	O				0.45
16.917	0.00	0.81	0.876	O				0.45
17.000	0.00	0.80	0.871	O				0.45
17.083	0.00	0.80	0.865	O				0.44
17.167	0.00	0.79	0.860	O				0.44
17.250	0.00	0.79	0.854	O				0.44
17.333	0.00	0.78	0.849	O				0.44
17.417	0.00	0.78	0.843	O				0.43
17.500	0.00	0.77	0.838	O				0.43
17.583	0.00	0.77	0.833	O				0.43
17.667	0.00	0.76	0.828	O				0.42
17.750	0.00	0.76	0.822	O				0.42
17.833	0.00	0.75	0.817	O				0.42
17.917	0.00	0.75	0.812	O				0.42
18.000	0.00	0.75	0.807	O				0.41
18.083	0.00	0.74	0.802	O				0.41
18.167	0.00	0.74	0.797	O				0.41
18.250	0.00	0.73	0.791	O				0.41
18.333	0.00	0.73	0.786	O				0.40
18.417	0.00	0.72	0.781	O				0.40
18.500	0.00	0.72	0.777	O				0.40
18.583	0.00	0.71	0.772	O				0.40
18.667	0.00	0.71	0.767	O				0.39
18.750	0.00	0.70	0.762	O				0.39
18.833	0.00	0.70	0.757	O				0.39
18.917	0.00	0.70	0.752	O				0.39
19.000	0.00	0.69	0.747	O				0.38
19.083	0.00	0.69	0.743	O				0.38
19.167	0.00	0.68	0.738	O				0.38
19.250	0.00	0.68	0.733	O				0.38
19.333	0.00	0.67	0.729	O				0.37
19.417	0.00	0.67	0.724	O				0.37
19.500	0.00	0.66	0.719	O				0.37
19.583	0.00	0.66	0.715	O				0.37
19.667	0.00	0.66	0.710	O				0.36
19.750	0.00	0.65	0.706	O				0.36
19.833	0.00	0.65	0.701	O				0.36
19.917	0.00	0.64	0.697	O				0.36
20.000	0.00	0.64	0.692	O				0.36
20.083	0.00	0.64	0.688	O				0.35

20.167	0.00	0.63	0.684	O				0.35
20.250	0.00	0.63	0.679	O				0.35
20.333	0.00	0.62	0.675	O				0.35
20.417	0.00	0.62	0.671	O				0.34
20.500	0.00	0.62	0.667	O				0.34
20.583	0.00	0.61	0.662	O				0.34
20.667	0.00	0.61	0.658	O				0.34
20.750	0.00	0.60	0.654	O				0.34
20.833	0.00	0.60	0.650	O				0.33
20.917	0.00	0.60	0.646	O				0.33
21.000	0.00	0.59	0.642	O				0.33
21.083	0.00	0.59	0.637	O				0.33
21.167	0.00	0.59	0.633	O				0.33
21.250	0.00	0.58	0.629	O				0.32
21.333	0.00	0.58	0.625	O				0.32
21.417	0.00	0.57	0.621	O				0.32
21.500	0.00	0.57	0.618	O				0.32
21.583	0.00	0.57	0.614	O				0.31
21.667	0.00	0.56	0.610	O				0.31
21.750	0.00	0.56	0.606	O				0.31
21.833	0.00	0.56	0.602	O				0.31
21.917	0.00	0.55	0.598	O				0.31
22.000	0.00	0.55	0.594	O				0.31
22.083	0.00	0.55	0.591	O				0.30
22.167	0.00	0.54	0.587	O				0.30
22.250	0.00	0.54	0.583	O				0.30
22.333	0.00	0.54	0.579	O				0.30
22.417	0.00	0.53	0.576	O				0.30
22.500	0.00	0.53	0.572	O				0.29
22.583	0.00	0.53	0.568	O				0.29
22.667	0.00	0.52	0.565	O				0.29
22.750	0.00	0.52	0.561	O				0.29
22.833	0.00	0.52	0.558	O				0.29
22.917	0.00	0.51	0.554	O				0.28
23.000	0.00	0.51	0.551	O				0.28
23.083	0.00	0.51	0.547	O				0.28
23.167	0.00	0.50	0.544	O				0.28
23.250	0.00	0.50	0.540	O				0.28
23.333	0.00	0.50	0.537	O				0.28
23.417	0.00	0.49	0.533	O				0.27
23.500	0.00	0.49	0.530	O				0.27
23.583	0.00	0.49	0.527	O				0.27
23.667	0.00	0.48	0.523	O				0.27
23.750	0.00	0.48	0.520	O				0.27
23.833	0.00	0.48	0.517	O				0.27
23.917	0.00	0.47	0.513	O				0.26
24.000	0.00	0.47	0.510	O				0.26
24.083	0.00	0.47	0.507	O				0.26
24.167	0.00	0.47	0.504	O				0.26
24.250	0.00	0.46	0.501	O				0.26
24.333	0.00	0.46	0.497	O				0.26
24.417	0.00	0.46	0.494	O				0.25
24.500	0.00	0.45	0.491	O				0.25
24.583	0.00	0.45	0.488	O				0.25
24.667	0.00	0.45	0.485	O				0.25
24.750	0.00	0.45	0.482	O				0.25
24.833	0.00	0.44	0.479	O				0.25
24.917	0.00	0.44	0.476	O				0.24
25.000	0.00	0.44	0.473	O				0.24
25.083	0.00	0.43	0.470	O				0.24
25.167	0.00	0.43	0.467	O				0.24
25.250	0.00	0.43	0.464	O				0.24
25.333	0.00	0.43	0.461	O				0.24

25.417	0.00	0.42	0.458	O				0.24
25.500	0.00	0.42	0.455	O				0.23
25.583	0.00	0.42	0.452	O				0.23
25.667	0.00	0.42	0.449	O				0.23
25.750	0.00	0.41	0.446	O				0.23
25.833	0.00	0.41	0.444	O				0.23
25.917	0.00	0.41	0.441	O				0.23
26.000	0.00	0.40	0.438	O				0.22
26.083	0.00	0.40	0.435	O				0.22
26.167	0.00	0.40	0.432	O				0.22
26.250	0.00	0.40	0.430	O				0.22
26.333	0.00	0.39	0.427	O				0.22
26.417	0.00	0.39	0.424	O				0.22
26.500	0.00	0.39	0.422	O				0.22
26.583	0.00	0.39	0.419	O				0.22
26.667	0.00	0.38	0.416	O				0.21
26.750	0.00	0.38	0.414	O				0.21
26.833	0.00	0.38	0.411	O				0.21
26.917	0.00	0.38	0.408	O				0.21
27.000	0.00	0.37	0.406	O				0.21
27.083	0.00	0.37	0.403	O				0.21
27.167	0.00	0.37	0.401	O				0.21
27.250	0.00	0.37	0.398	O				0.20
27.333	0.00	0.37	0.396	O				0.20
27.417	0.00	0.36	0.393	O				0.20
27.500	0.00	0.36	0.391	O				0.20
27.583	0.00	0.36	0.388	O				0.20
27.667	0.00	0.36	0.386	O				0.20
27.750	0.00	0.35	0.383	O				0.20
27.833	0.00	0.35	0.381	O				0.20
27.917	0.00	0.35	0.378	O				0.19
28.000	0.00	0.35	0.376	O				0.19
28.083	0.00	0.35	0.374	O				0.19
28.167	0.00	0.34	0.371	O				0.19
28.250	0.00	0.34	0.369	O				0.19
28.333	0.00	0.34	0.366	O				0.19
28.417	0.00	0.34	0.364	O				0.19
28.500	0.00	0.33	0.362	O				0.19
28.583	0.00	0.33	0.360	O				0.18
28.667	0.00	0.33	0.357	O				0.18
28.750	0.00	0.33	0.355	O				0.18
28.833	0.00	0.33	0.353	O				0.18
28.917	0.00	0.32	0.350	O				0.18
29.000	0.00	0.32	0.348	O				0.18
29.083	0.00	0.32	0.346	O				0.18
29.167	0.00	0.32	0.344	O				0.18
29.250	0.00	0.32	0.342	O				0.18
29.333	0.00	0.31	0.340	O				0.17
29.417	0.00	0.31	0.337	O				0.17
29.500	0.00	0.31	0.335	O				0.17
29.583	0.00	0.31	0.333	O				0.17
29.667	0.00	0.31	0.331	O				0.17
29.750	0.00	0.30	0.329	O				0.17
29.833	0.00	0.30	0.327	O				0.17
29.917	0.00	0.30	0.325	O				0.17
30.000	0.00	0.30	0.323	O				0.17
30.083	0.00	0.30	0.321	O				0.16
30.167	0.00	0.29	0.319	O				0.16
30.250	0.00	0.29	0.317	O				0.16
30.333	0.00	0.29	0.315	O				0.16
30.417	0.00	0.29	0.313	O				0.16
30.500	0.00	0.29	0.311	O				0.16
30.583	0.00	0.29	0.309	O				0.16

30.667	0.00	0.28	0.307	O				0.16
30.750	0.00	0.28	0.305	O				0.16
30.833	0.00	0.28	0.303	O				0.16
30.917	0.00	0.28	0.301	O				0.15
31.000	0.00	0.28	0.299	O				0.15
31.083	0.00	0.27	0.297	O				0.15
31.167	0.00	0.27	0.295	O				0.15
31.250	0.00	0.27	0.293	O				0.15
31.333	0.00	0.27	0.291	O				0.15
31.417	0.00	0.27	0.290	O				0.15
31.500	0.00	0.27	0.288	O				0.15
31.583	0.00	0.26	0.286	O				0.15
31.667	0.00	0.26	0.284	O				0.15
31.750	0.00	0.26	0.282	O				0.14
31.833	0.00	0.26	0.281	O				0.14
31.917	0.00	0.26	0.279	O				0.14
32.000	0.00	0.26	0.277	O				0.14
32.083	0.00	0.25	0.275	O				0.14
32.167	0.00	0.25	0.273	O				0.14
32.250	0.00	0.25	0.272	O				0.14
32.333	0.00	0.25	0.270	O				0.14
32.417	0.00	0.25	0.268	O				0.14
32.500	0.00	0.25	0.267	O				0.14
32.583	0.00	0.24	0.265	O				0.14
32.667	0.00	0.24	0.263	O				0.14
32.750	0.00	0.24	0.262	O				0.13
32.833	0.00	0.24	0.260	O				0.13
32.917	0.00	0.24	0.258	O				0.13
33.000	0.00	0.24	0.257	O				0.13
33.083	0.00	0.24	0.255	O				0.13
33.167	0.00	0.23	0.253	O				0.13
33.250	0.00	0.23	0.252	O				0.13
33.333	0.00	0.23	0.250	O				0.13
33.417	0.00	0.23	0.249	O				0.13
33.500	0.00	0.23	0.247	O				0.13
33.583	0.00	0.23	0.245	O				0.13
33.667	0.00	0.23	0.244	O				0.13
33.750	0.00	0.22	0.242	O				0.12
33.833	0.00	0.22	0.241	O				0.12
33.917	0.00	0.22	0.239	O				0.12
34.000	0.00	0.22	0.238	O				0.12
34.083	0.00	0.22	0.236	O				0.12
34.167	0.00	0.22	0.235	O				0.12
34.250	0.00	0.22	0.233	O				0.12
34.333	0.00	0.21	0.232	O				0.12
34.417	0.00	0.21	0.230	O				0.12
34.500	0.00	0.21	0.229	O				0.12
34.583	0.00	0.21	0.227	O				0.12
34.667	0.00	0.21	0.226	O				0.12
34.750	0.00	0.21	0.224	O				0.12
34.833	0.00	0.21	0.223	O				0.11
34.917	0.00	0.20	0.222	O				0.11
35.000	0.00	0.20	0.220	O				0.11
35.083	0.00	0.20	0.219	O				0.11
35.167	0.00	0.20	0.217	O				0.11
35.250	0.00	0.20	0.216	O				0.11
35.333	0.00	0.20	0.215	O				0.11
35.417	0.00	0.20	0.213	O				0.11
35.500	0.00	0.20	0.212	O				0.11
35.583	0.00	0.19	0.211	O				0.11
35.667	0.00	0.19	0.209	O				0.11
35.750	0.00	0.19	0.208	O				0.11
35.833	0.00	0.19	0.207	O				0.11

35.917	0.00	0.19	0.205	O				0.11
36.000	0.00	0.19	0.204	O				0.10
36.083	0.00	0.19	0.203	O				0.10
36.167	0.00	0.19	0.201	O				0.10
36.250	0.00	0.18	0.200	O				0.10
36.333	0.00	0.18	0.199	O				0.10
36.417	0.00	0.18	0.198	O				0.10
36.500	0.00	0.18	0.196	O				0.10
36.583	0.00	0.18	0.195	O				0.10
36.667	0.00	0.18	0.194	O				0.10
36.750	0.00	0.18	0.193	O				0.10
36.833	0.00	0.18	0.191	O				0.10
36.917	0.00	0.18	0.190	O				0.10
37.000	0.00	0.17	0.189	O				0.10
37.083	0.00	0.17	0.188	O				0.10
37.167	0.00	0.17	0.187	O				0.10
37.250	0.00	0.17	0.185	O				0.10
37.333	0.00	0.17	0.184	O				0.09
37.417	0.00	0.17	0.183	O				0.09
37.500	0.00	0.17	0.182	O				0.09
37.583	0.00	0.17	0.181	O				0.09
37.667	0.00	0.17	0.180	O				0.09
37.750	0.00	0.16	0.179	O				0.09
37.833	0.00	0.16	0.177	O				0.09
37.917	0.00	0.16	0.176	O				0.09
38.000	0.00	0.16	0.175	O				0.09
38.083	0.00	0.16	0.174	O				0.09
38.167	0.00	0.16	0.173	O				0.09
38.250	0.00	0.16	0.172	O				0.09
38.333	0.00	0.16	0.171	O				0.09
38.417	0.00	0.16	0.170	O				0.09
38.500	0.00	0.16	0.169	O				0.09
38.583	0.00	0.15	0.168	O				0.09
38.667	0.00	0.15	0.166	O				0.09
38.750	0.00	0.15	0.165	O				0.08
38.833	0.00	0.15	0.164	O				0.08
38.917	0.00	0.15	0.163	O				0.08
39.000	0.00	0.15	0.162	O				0.08
39.083	0.00	0.15	0.161	O				0.08
39.167	0.00	0.15	0.160	O				0.08
39.250	0.00	0.15	0.159	O				0.08
39.333	0.00	0.15	0.158	O				0.08
39.417	0.00	0.15	0.157	O				0.08
39.500	0.00	0.14	0.156	O				0.08
39.583	0.00	0.14	0.155	O				0.08
39.667	0.00	0.14	0.154	O				0.08
39.750	0.00	0.14	0.153	O				0.08
39.833	0.00	0.14	0.152	O				0.08
39.917	0.00	0.14	0.151	O				0.08
40.000	0.00	0.14	0.150	O				0.08
40.083	0.00	0.14	0.149	O				0.08
40.167	0.00	0.14	0.148	O				0.08
40.250	0.00	0.14	0.148	O				0.08
40.333	0.00	0.14	0.147	O				0.08
40.417	0.00	0.13	0.146	O				0.07
40.500	0.00	0.13	0.145	O				0.07
40.583	0.00	0.13	0.144	O				0.07
40.667	0.00	0.13	0.143	O				0.07
40.750	0.00	0.13	0.142	O				0.07
40.833	0.00	0.13	0.141	O				0.07
40.917	0.00	0.13	0.140	O				0.07
41.000	0.00	0.13	0.139	O				0.07
41.083	0.00	0.13	0.138	O				0.07

41.167	0.00	0.13	0.138	O				0.07
41.250	0.00	0.13	0.137	O				0.07
41.333	0.00	0.13	0.136	O				0.07
41.417	0.00	0.12	0.135	O				0.07
41.500	0.00	0.12	0.134	O				0.07
41.583	0.00	0.12	0.133	O				0.07
41.667	0.00	0.12	0.132	O				0.07
41.750	0.00	0.12	0.132	O				0.07
41.833	0.00	0.12	0.131	O				0.07
41.917	0.00	0.12	0.130	O				0.07
42.000	0.00	0.12	0.129	O				0.07
42.083	0.00	0.12	0.128	O				0.07
42.167	0.00	0.12	0.127	O				0.07
42.250	0.00	0.12	0.127	O				0.06
42.333	0.00	0.12	0.126	O				0.06
42.417	0.00	0.12	0.125	O				0.06
42.500	0.00	0.11	0.124	O				0.06
42.583	0.00	0.11	0.123	O				0.06
42.667	0.00	0.11	0.123	O				0.06
42.750	0.00	0.11	0.122	O				0.06
42.833	0.00	0.11	0.121	O				0.06
42.917	0.00	0.11	0.120	O				0.06
43.000	0.00	0.11	0.120	O				0.06
43.083	0.00	0.11	0.119	O				0.06
43.167	0.00	0.11	0.118	O				0.06
43.250	0.00	0.11	0.117	O				0.06
43.333	0.00	0.11	0.117	O				0.06
43.417	0.00	0.11	0.116	O				0.06
43.500	0.00	0.11	0.115	O				0.06
43.583	0.00	0.11	0.114	O				0.06
43.667	0.00	0.10	0.114	O				0.06
43.750	0.00	0.10	0.113	O				0.06
43.833	0.00	0.10	0.112	O				0.06
43.917	0.00	0.10	0.111	O				0.06
44.000	0.00	0.10	0.111	O				0.06
44.083	0.00	0.10	0.110	O				0.06
44.167	0.00	0.10	0.109	O				0.06
44.250	0.00	0.10	0.109	O				0.06
44.333	0.00	0.10	0.108	O				0.06
44.417	0.00	0.10	0.107	O				0.06
44.500	0.00	0.10	0.107	O				0.05
44.583	0.00	0.10	0.106	O				0.05
44.667	0.00	0.10	0.105	O				0.05
44.750	0.00	0.10	0.105	O				0.05
44.833	0.00	0.10	0.104	O				0.05
44.917	0.00	0.10	0.103	O				0.05
45.000	0.00	0.09	0.103	O				0.05
45.083	0.00	0.09	0.102	O				0.05
45.167	0.00	0.09	0.101	O				0.05
45.250	0.00	0.09	0.101	O				0.05
45.333	0.00	0.09	0.100	O				0.05
45.417	0.00	0.09	0.099	O				0.05
45.500	0.00	0.09	0.099	O				0.05
45.583	0.00	0.09	0.098	O				0.05
45.667	0.00	0.09	0.098	O				0.05
45.750	0.00	0.09	0.097	O				0.05
45.833	0.00	0.09	0.096	O				0.05
45.917	0.00	0.09	0.096	O				0.05
46.000	0.00	0.09	0.095	O				0.05
46.083	0.00	0.09	0.094	O				0.05
46.167	0.00	0.09	0.094	O				0.05
46.250	0.00	0.09	0.093	O				0.05
46.333	0.00	0.09	0.093	O				0.05

46.417	0.00	0.09	0.092	O				0.05
46.500	0.00	0.08	0.092	O				0.05
46.583	0.00	0.08	0.091	O				0.05
46.667	0.00	0.08	0.090	O				0.05
46.750	0.00	0.08	0.090	O				0.05
46.833	0.00	0.08	0.089	O				0.05
46.917	0.00	0.08	0.089	O				0.05
47.000	0.00	0.08	0.088	O				0.05
47.083	0.00	0.08	0.088	O				0.04
47.167	0.00	0.08	0.087	O				0.04
47.250	0.00	0.08	0.086	O				0.04
47.333	0.00	0.08	0.086	O				0.04
47.417	0.00	0.08	0.085	O				0.04
47.500	0.00	0.08	0.085	O				0.04
47.583	0.00	0.08	0.084	O				0.04
47.667	0.00	0.08	0.084	O				0.04
47.750	0.00	0.08	0.083	O				0.04
47.833	0.00	0.08	0.083	O				0.04
47.917	0.00	0.08	0.082	O				0.04
48.000	0.00	0.08	0.082	O				0.04
48.083	0.00	0.07	0.081	O				0.04
48.167	0.00	0.07	0.081	O				0.04
48.250	0.00	0.07	0.080	O				0.04
48.333	0.00	0.07	0.080	O				0.04
48.417	0.00	0.07	0.079	O				0.04
48.500	0.00	0.07	0.079	O				0.04
48.583	0.00	0.07	0.078	O				0.04
48.667	0.00	0.07	0.078	O				0.04
48.750	0.00	0.07	0.077	O				0.04
48.833	0.00	0.07	0.077	O				0.04
48.917	0.00	0.07	0.076	O				0.04
49.000	0.00	0.07	0.076	O				0.04
49.083	0.00	0.07	0.075	O				0.04
49.167	0.00	0.07	0.075	O				0.04
49.250	0.00	0.07	0.074	O				0.04
49.333	0.00	0.07	0.074	O				0.04
49.417	0.00	0.07	0.073	O				0.04
49.500	0.00	0.07	0.073	O				0.04
49.583	0.00	0.07	0.072	O				0.04
49.667	0.00	0.07	0.072	O				0.04
49.750	0.00	0.07	0.071	O				0.04
49.833	0.00	0.07	0.071	O				0.04
49.917	0.00	0.07	0.071	O				0.04
50.000	0.00	0.06	0.070	O				0.04
50.083	0.00	0.06	0.070	O				0.04
50.167	0.00	0.06	0.069	O				0.04
50.250	0.00	0.06	0.069	O				0.04
50.333	0.00	0.06	0.068	O				0.04
50.417	0.00	0.06	0.068	O				0.03
50.500	0.00	0.06	0.067	O				0.03
50.583	0.00	0.06	0.067	O				0.03
50.667	0.00	0.06	0.067	O				0.03
50.750	0.00	0.06	0.066	O				0.03
50.833	0.00	0.06	0.066	O				0.03
50.917	0.00	0.06	0.065	O				0.03
51.000	0.00	0.06	0.065	O				0.03
51.083	0.00	0.06	0.064	O				0.03
51.167	0.00	0.06	0.064	O				0.03
51.250	0.00	0.06	0.064	O				0.03
51.333	0.00	0.06	0.063	O				0.03
51.417	0.00	0.06	0.063	O				0.03
51.500	0.00	0.06	0.062	O				0.03
51.583	0.00	0.06	0.062	O				0.03

51.667	0.00	0.06	0.062	O				0.03
51.750	0.00	0.06	0.061	O				0.03
51.833	0.00	0.06	0.061	O				0.03
51.917	0.00	0.06	0.061	O				0.03
52.000	0.00	0.06	0.060	O				0.03
52.083	0.00	0.06	0.060	O				0.03
52.167	0.00	0.05	0.059	O				0.03
52.250	0.00	0.05	0.059	O				0.03
52.333	0.00	0.05	0.059	O				0.03
52.417	0.00	0.05	0.058	O				0.03
52.500	0.00	0.05	0.058	O				0.03
52.583	0.00	0.05	0.058	O				0.03
52.667	0.00	0.05	0.057	O				0.03
52.750	0.00	0.05	0.057	O				0.03
52.833	0.00	0.05	0.056	O				0.03
52.917	0.00	0.05	0.056	O				0.03
53.000	0.00	0.05	0.056	O				0.03
53.083	0.00	0.05	0.055	O				0.03
53.167	0.00	0.05	0.055	O				0.03
53.250	0.00	0.05	0.055	O				0.03
53.333	0.00	0.05	0.054	O				0.03
53.417	0.00	0.05	0.054	O				0.03
53.500	0.00	0.05	0.054	O				0.03
53.583	0.00	0.05	0.053	O				0.03
53.667	0.00	0.05	0.053	O				0.03
53.750	0.00	0.05	0.053	O				0.03
53.833	0.00	0.05	0.052	O				0.03
53.917	0.00	0.05	0.052	O				0.03
54.000	0.00	0.05	0.052	O				0.03
54.083	0.00	0.05	0.051	O				0.03
54.167	0.00	0.05	0.051	O				0.03
54.250	0.00	0.05	0.051	O				0.03
54.333	0.00	0.05	0.050	O				0.03
54.417	0.00	0.05	0.050	O				0.03
54.500	0.00	0.05	0.050	O				0.03
54.583	0.00	0.05	0.049	O				0.03
54.667	0.00	0.05	0.049	O				0.03
54.750	0.00	0.05	0.049	O				0.03
54.833	0.00	0.04	0.048	O				0.02
54.917	0.00	0.04	0.048	O				0.02
55.000	0.00	0.04	0.048	O				0.02
55.083	0.00	0.04	0.048	O				0.02
55.167	0.00	0.04	0.047	O				0.02
55.250	0.00	0.04	0.047	O				0.02
55.333	0.00	0.04	0.047	O				0.02
55.417	0.00	0.04	0.046	O				0.02
55.500	0.00	0.04	0.046	O				0.02
55.583	0.00	0.04	0.046	O				0.02
55.667	0.00	0.04	0.045	O				0.02
55.750	0.00	0.04	0.045	O				0.02
55.833	0.00	0.04	0.045	O				0.02
55.917	0.00	0.04	0.045	O				0.02
56.000	0.00	0.04	0.044	O				0.02
56.083	0.00	0.04	0.044	O				0.02
56.167	0.00	0.04	0.044	O				0.02
56.250	0.00	0.04	0.043	O				0.02
56.333	0.00	0.04	0.043	O				0.02
56.417	0.00	0.04	0.043	O				0.02
56.500	0.00	0.04	0.043	O				0.02
56.583	0.00	0.04	0.042	O				0.02
56.667	0.00	0.04	0.042	O				0.02
56.750	0.00	0.04	0.042	O				0.02
56.833	0.00	0.04	0.042	O				0.02

56.917	0.00	0.04	0.041	O				0.02
57.000	0.00	0.04	0.041	O				0.02
57.083	0.00	0.04	0.041	O				0.02
57.167	0.00	0.04	0.041	O				0.02
57.250	0.00	0.04	0.040	O				0.02
57.333	0.00	0.04	0.040	O				0.02
57.417	0.00	0.04	0.040	O				0.02
57.500	0.00	0.04	0.040	O				0.02
57.583	0.00	0.04	0.039	O				0.02
57.667	0.00	0.04	0.039	O				0.02
57.750	0.00	0.04	0.039	O				0.02
57.833	0.00	0.04	0.039	O				0.02
57.917	0.00	0.04	0.038	O				0.02
58.000	0.00	0.04	0.038	O				0.02
58.083	0.00	0.03	0.038	O				0.02
58.167	0.00	0.03	0.038	O				0.02
58.250	0.00	0.03	0.037	O				0.02
58.333	0.00	0.03	0.037	O				0.02
58.417	0.00	0.03	0.037	O				0.02
58.500	0.00	0.03	0.037	O				0.02
58.583	0.00	0.03	0.036	O				0.02
58.667	0.00	0.03	0.036	O				0.02
58.750	0.00	0.03	0.036	O				0.02
58.833	0.00	0.03	0.036	O				0.02
58.917	0.00	0.03	0.035	O				0.02
59.000	0.00	0.03	0.035	O				0.02
59.083	0.00	0.03	0.035	O				0.02
59.167	0.00	0.03	0.035	O				0.02
59.250	0.00	0.03	0.035	O				0.02
59.333	0.00	0.03	0.034	O				0.02
59.417	0.00	0.03	0.034	O				0.02
59.500	0.00	0.03	0.034	O				0.02
59.583	0.00	0.03	0.034	O				0.02
59.667	0.00	0.03	0.033	O				0.02
59.750	0.00	0.03	0.033	O				0.02
59.833	0.00	0.03	0.033	O				0.02
59.917	0.00	0.03	0.033	O				0.02
60.000	0.00	0.03	0.033	O				0.02
60.083	0.00	0.03	0.032	O				0.02
60.167	0.00	0.03	0.032	O				0.02
60.250	0.00	0.03	0.032	O				0.02
60.333	0.00	0.03	0.032	O				0.02
60.417	0.00	0.03	0.032	O				0.02
60.500	0.00	0.03	0.031	O				0.02
60.583	0.00	0.03	0.031	O				0.02
60.667	0.00	0.03	0.031	O				0.02
60.750	0.00	0.03	0.031	O				0.02
60.833	0.00	0.03	0.031	O				0.02
60.917	0.00	0.03	0.030	O				0.02
61.000	0.00	0.03	0.030	O				0.02
61.083	0.00	0.03	0.030	O				0.02
61.167	0.00	0.03	0.030	O				0.02
61.250	0.00	0.03	0.030	O				0.02
61.333	0.00	0.03	0.029	O				0.02
61.417	0.00	0.03	0.029	O				0.02
61.500	0.00	0.03	0.029	O				0.01
61.583	0.00	0.03	0.029	O				0.01
61.667	0.00	0.03	0.029	O				0.01
61.750	0.00	0.03	0.029	O				0.01
61.833	0.00	0.03	0.028	O				0.01
61.917	0.00	0.03	0.028	O				0.01
62.000	0.00	0.03	0.028	O				0.01
62.083	0.00	0.03	0.028	O				0.01

62.167	0.00	0.03	0.028	O				0.01
62.250	0.00	0.03	0.027	O				0.01
62.333	0.00	0.03	0.027	O				0.01
62.417	0.00	0.03	0.027	O				0.01
62.500	0.00	0.02	0.027	O				0.01
62.583	0.00	0.02	0.027	O				0.01
62.667	0.00	0.02	0.027	O				0.01
62.750	0.00	0.02	0.026	O				0.01
62.833	0.00	0.02	0.026	O				0.01
62.917	0.00	0.02	0.026	O				0.01
63.000	0.00	0.02	0.026	O				0.01
63.083	0.00	0.02	0.026	O				0.01
63.167	0.00	0.02	0.026	O				0.01
63.250	0.00	0.02	0.025	O				0.01
63.333	0.00	0.02	0.025	O				0.01
63.417	0.00	0.02	0.025	O				0.01
63.500	0.00	0.02	0.025	O				0.01
63.583	0.00	0.02	0.025	O				0.01
63.667	0.00	0.02	0.025	O				0.01
63.750	0.00	0.02	0.025	O				0.01
63.833	0.00	0.02	0.024	O				0.01
63.917	0.00	0.02	0.024	O				0.01
64.000	0.00	0.02	0.024	O				0.01
64.083	0.00	0.02	0.024	O				0.01
64.167	0.00	0.02	0.024	O				0.01
64.250	0.00	0.02	0.024	O				0.01
64.333	0.00	0.02	0.023	O				0.01
64.417	0.00	0.02	0.023	O				0.01
64.500	0.00	0.02	0.023	O				0.01
64.583	0.00	0.02	0.023	O				0.01
64.667	0.00	0.02	0.023	O				0.01
64.750	0.00	0.02	0.023	O				0.01
64.833	0.00	0.02	0.023	O				0.01
64.917	0.00	0.02	0.022	O				0.01
65.000	0.00	0.02	0.022	O				0.01
65.083	0.00	0.02	0.022	O				0.01
65.167	0.00	0.02	0.022	O				0.01
65.250	0.00	0.02	0.022	O				0.01
65.333	0.00	0.02	0.022	O				0.01
65.417	0.00	0.02	0.022	O				0.01
65.500	0.00	0.02	0.021	O				0.01
65.583	0.00	0.02	0.021	O				0.01
65.667	0.00	0.02	0.021	O				0.01
65.750	0.00	0.02	0.021	O				0.01
65.833	0.00	0.02	0.021	O				0.01
65.917	0.00	0.02	0.021	O				0.01
66.000	0.00	0.02	0.021	O				0.01
66.083	0.00	0.02	0.021	O				0.01
66.167	0.00	0.02	0.020	O				0.01
66.250	0.00	0.02	0.020	O				0.01
66.333	0.00	0.02	0.020	O				0.01
66.417	0.00	0.02	0.020	O				0.01
66.500	0.00	0.02	0.020	O				0.01
66.583	0.00	0.02	0.020	O				0.01
66.667	0.00	0.02	0.020	O				0.01
66.750	0.00	0.02	0.019	O				0.01
66.833	0.00	0.02	0.019	O				0.01
66.917	0.00	0.02	0.019	O				0.01
67.000	0.00	0.02	0.019	O				0.01
67.083	0.00	0.02	0.019	O				0.01
67.167	0.00	0.02	0.019	O				0.01
67.250	0.00	0.02	0.019	O				0.01
67.333	0.00	0.02	0.019	O				0.01

67.417	0.00	0.02	0.019	O				0.01
67.500	0.00	0.02	0.018	O				0.01
67.583	0.00	0.02	0.018	O				0.01
67.667	0.00	0.02	0.018	O				0.01
67.750	0.00	0.02	0.018	O				0.01
67.833	0.00	0.02	0.018	O				0.01
67.917	0.00	0.02	0.018	O				0.01
68.000	0.00	0.02	0.018	O				0.01
68.083	0.00	0.02	0.018	O				0.01
68.167	0.00	0.02	0.017	O				0.01
68.250	0.00	0.02	0.017	O				0.01
68.333	0.00	0.02	0.017	O				0.01
68.417	0.00	0.02	0.017	O				0.01
68.500	0.00	0.02	0.017	O				0.01
68.583	0.00	0.02	0.017	O				0.01
68.667	0.00	0.02	0.017	O				0.01
68.750	0.00	0.02	0.017	O				0.01
68.833	0.00	0.02	0.017	O				0.01
68.917	0.00	0.02	0.017	O				0.01
69.000	0.00	0.02	0.016	O				0.01
69.083	0.00	0.02	0.016	O				0.01
69.167	0.00	0.01	0.016	O				0.01
69.250	0.00	0.01	0.016	O				0.01
69.333	0.00	0.01	0.016	O				0.01
69.417	0.00	0.01	0.016	O				0.01
69.500	0.00	0.01	0.016	O				0.01
69.583	0.00	0.01	0.016	O				0.01
69.667	0.00	0.01	0.016	O				0.01
69.750	0.00	0.01	0.016	O				0.01
69.833	0.00	0.01	0.015	O				0.01
69.917	0.00	0.01	0.015	O				0.01
70.000	0.00	0.01	0.015	O				0.01
70.083	0.00	0.01	0.015	O				0.01
70.167	0.00	0.01	0.015	O				0.01
70.250	0.00	0.01	0.015	O				0.01
70.333	0.00	0.01	0.015	O				0.01
70.417	0.00	0.01	0.015	O				0.01
70.500	0.00	0.01	0.015	O				0.01
70.583	0.00	0.01	0.015	O				0.01
70.667	0.00	0.01	0.014	O				0.01
70.750	0.00	0.01	0.014	O				0.01
70.833	0.00	0.01	0.014	O				0.01
70.917	0.00	0.01	0.014	O				0.01
71.000	0.00	0.01	0.014	O				0.01
71.083	0.00	0.01	0.014	O				0.01
71.167	0.00	0.01	0.014	O				0.01
71.250	0.00	0.01	0.014	O				0.01
71.333	0.00	0.01	0.014	O				0.01
71.417	0.00	0.01	0.014	O				0.01
71.500	0.00	0.01	0.014	O				0.01
71.583	0.00	0.01	0.013	O				0.01
71.667	0.00	0.01	0.013	O				0.01
71.750	0.00	0.01	0.013	O				0.01
71.833	0.00	0.01	0.013	O				0.01
71.917	0.00	0.01	0.013	O				0.01
72.000	0.00	0.01	0.013	O				0.01
72.083	0.00	0.01	0.013	O				0.01
72.167	0.00	0.01	0.013	O				0.01
72.250	0.00	0.01	0.013	O				0.01
72.333	0.00	0.01	0.013	O				0.01
72.417	0.00	0.01	0.013	O				0.01
72.500	0.00	0.01	0.013	O				0.01
72.583	0.00	0.01	0.012	O				0.01

72.667	0.00	0.01	0.012	O				0.01
72.750	0.00	0.01	0.012	O				0.01
72.833	0.00	0.01	0.012	O				0.01
72.917	0.00	0.01	0.012	O				0.01
73.000	0.00	0.01	0.012	O				0.01
73.083	0.00	0.01	0.012	O				0.01
73.167	0.00	0.01	0.012	O				0.01
73.250	0.00	0.01	0.012	O				0.01
73.333	0.00	0.01	0.012	O				0.01
73.417	0.00	0.01	0.012	O				0.01
73.500	0.00	0.01	0.012	O				0.01
73.583	0.00	0.01	0.012	O				0.01
73.667	0.00	0.01	0.011	O				0.01
73.750	0.00	0.01	0.011	O				0.01
73.833	0.00	0.01	0.011	O				0.01
73.917	0.00	0.01	0.011	O				0.01
74.000	0.00	0.01	0.011	O				0.01
74.083	0.00	0.01	0.011	O				0.01
74.167	0.00	0.01	0.011	O				0.01
74.250	0.00	0.01	0.011	O				0.01
74.333	0.00	0.01	0.011	O				0.01
74.417	0.00	0.01	0.011	O				0.01
74.500	0.00	0.01	0.011	O				0.01
74.583	0.00	0.01	0.011	O				0.01
74.667	0.00	0.01	0.011	O				0.01
74.750	0.00	0.01	0.011	O				0.01
74.833	0.00	0.01	0.011	O				0.01
74.917	0.00	0.01	0.010	O				0.01
75.000	0.00	0.01	0.010	O				0.01
75.083	0.00	0.01	0.010	O				0.01
75.167	0.00	0.01	0.010	O				0.01
75.250	0.00	0.01	0.010	O				0.01
75.333	0.00	0.01	0.010	O				0.01
75.417	0.00	0.01	0.010	O				0.01
75.500	0.00	0.01	0.010	O				0.01
75.583	0.00	0.01	0.010	O				0.01
75.667	0.00	0.01	0.010	O				0.01
75.750	0.00	0.01	0.010	O				0.01
75.833	0.00	0.01	0.010	O				0.01
75.917	0.00	0.01	0.010	O				0.00
76.000	0.00	0.01	0.010	O				0.00
76.083	0.00	0.01	0.010	O				0.00
76.167	0.00	0.01	0.009	O				0.00
76.250	0.00	0.01	0.009	O				0.00
76.333	0.00	0.01	0.009	O				0.00
76.417	0.00	0.01	0.009	O				0.00
76.500	0.00	0.01	0.009	O				0.00
76.583	0.00	0.01	0.009	O				0.00
76.667	0.00	0.01	0.009	O				0.00
76.750	0.00	0.01	0.009	O				0.00
76.833	0.00	0.01	0.009	O				0.00
76.917	0.00	0.01	0.009	O				0.00
77.000	0.00	0.01	0.009	O				0.00
77.083	0.00	0.01	0.009	O				0.00
77.167	0.00	0.01	0.009	O				0.00
77.250	0.00	0.01	0.009	O				0.00
77.333	0.00	0.01	0.009	O				0.00
77.417	0.00	0.01	0.009	O				0.00
77.500	0.00	0.01	0.009	O				0.00
77.583	0.00	0.01	0.009	O				0.00
77.667	0.00	0.01	0.008	O				0.00
77.750	0.00	0.01	0.008	O				0.00
77.833	0.00	0.01	0.008	O				0.00

77.917	0.00	0.01	0.008	O					0.00
78.000	0.00	0.01	0.008	O					0.00
78.083	0.00	0.01	0.008	O					0.00
78.167	0.00	0.01	0.008	O					0.00
78.250	0.00	0.01	0.008	O					0.00
78.333	0.00	0.01	0.008	O					0.00
78.417	0.00	0.01	0.008	O					0.00
78.500	0.00	0.01	0.008	O					0.00
78.583	0.00	0.01	0.008	O					0.00
78.667	0.00	0.01	0.008	O					0.00
78.750	0.00	0.01	0.008	O					0.00
78.833	0.00	0.01	0.008	O					0.00
78.917	0.00	0.01	0.008	O					0.00
79.000	0.00	0.01	0.008	O					0.00
79.083	0.00	0.01	0.008	O					0.00
79.167	0.00	0.01	0.008	O					0.00
79.250	0.00	0.01	0.008	O					0.00
79.333	0.00	0.01	0.007	O					0.00
79.417	0.00	0.01	0.007	O					0.00
79.500	0.00	0.01	0.007	O					0.00
79.583	0.00	0.01	0.007	O					0.00
79.667	0.00	0.01	0.007	O					0.00
79.750	0.00	0.01	0.007	O					0.00
79.833	0.00	0.01	0.007	O					0.00
79.917	0.00	0.01	0.007	O					0.00
80.000	0.00	0.01	0.007	O					0.00
80.083	0.00	0.01	0.007	O					0.00
80.167	0.00	0.01	0.007	O					0.00
80.250	0.00	0.01	0.007	O					0.00
80.333	0.00	0.01	0.007	O					0.00
80.417	0.00	0.01	0.007	O					0.00
80.500	0.00	0.01	0.007	O					0.00
80.583	0.00	0.01	0.007	O					0.00
80.667	0.00	0.01	0.007	O					0.00
80.750	0.00	0.01	0.007	O					0.00
80.833	0.00	0.01	0.007	O					0.00
80.917	0.00	0.01	0.007	O					0.00
81.000	0.00	0.01	0.007	O					0.00
81.083	0.00	0.01	0.007	O					0.00
81.167	0.00	0.01	0.006	O					0.00
81.250	0.00	0.01	0.006	O					0.00
81.333	0.00	0.01	0.006	O					0.00
81.417	0.00	0.01	0.006	O					0.00
81.500	0.00	0.01	0.006	O					0.00
81.583	0.00	0.01	0.006	O					0.00
81.667	0.00	0.01	0.006	O					0.00
81.750	0.00	0.01	0.006	O					0.00
81.833	0.00	0.01	0.006	O					0.00
81.917	0.00	0.01	0.006	O					0.00
82.000	0.00	0.01	0.006	O					0.00
82.083	0.00	0.01	0.006	O					0.00
82.167	0.00	0.01	0.006	O					0.00
82.250	0.00	0.01	0.006	O					0.00
82.333	0.00	0.01	0.006	O					0.00
82.417	0.00	0.01	0.006	O					0.00
82.500	0.00	0.01	0.006	O					0.00
82.583	0.00	0.01	0.006	O					0.00
82.667	0.00	0.01	0.006	O					0.00
82.750	0.00	0.01	0.006	O					0.00
82.833	0.00	0.01	0.006	O					0.00
82.917	0.00	0.01	0.006	O					0.00
83.000	0.00	0.01	0.006	O					0.00
83.083	0.00	0.01	0.006	O					0.00

83.167	0.00	0.01	0.006	O					0.00
83.250	0.00	0.01	0.006	O					0.00
83.333	0.00	0.01	0.005	O					0.00
83.417	0.00	0.01	0.005	O					0.00
83.500	0.00	0.01	0.005	O					0.00
83.583	0.00	0.00	0.005	O					0.00
83.667	0.00	0.00	0.005	O					0.00
83.750	0.00	0.00	0.005	O					0.00
83.833	0.00	0.00	0.005	O					0.00
83.917	0.00	0.00	0.005	O					0.00
84.000	0.00	0.00	0.005	O					0.00
84.083	0.00	0.00	0.005	O					0.00
84.167	0.00	0.00	0.005	O					0.00
84.250	0.00	0.00	0.005	O					0.00
84.333	0.00	0.00	0.005	O					0.00
84.417	0.00	0.00	0.005	O					0.00
84.500	0.00	0.00	0.005	O					0.00
84.583	0.00	0.00	0.005	O					0.00
84.667	0.00	0.00	0.005	O					0.00
84.750	0.00	0.00	0.005	O					0.00
84.833	0.00	0.00	0.005	O					0.00
84.917	0.00	0.00	0.005	O					0.00
85.000	0.00	0.00	0.005	O					0.00
85.083	0.00	0.00	0.005	O					0.00
85.167	0.00	0.00	0.005	O					0.00
85.250	0.00	0.00	0.005	O					0.00
85.333	0.00	0.00	0.005	O					0.00
85.417	0.00	0.00	0.005	O					0.00
85.500	0.00	0.00	0.005	O					0.00
85.583	0.00	0.00	0.005	O					0.00
85.667	0.00	0.00	0.005	O					0.00
85.750	0.00	0.00	0.005	O					0.00
85.833	0.00	0.00	0.005	O					0.00
85.917	0.00	0.00	0.005	O					0.00
86.000	0.00	0.00	0.004	O					0.00
86.083	0.00	0.00	0.004	O					0.00
86.167	0.00	0.00	0.004	O					0.00
86.250	0.00	0.00	0.004	O					0.00
86.333	0.00	0.00	0.004	O					0.00
86.417	0.00	0.00	0.004	O					0.00
86.500	0.00	0.00	0.004	O					0.00
86.583	0.00	0.00	0.004	O					0.00
86.667	0.00	0.00	0.004	O					0.00
86.750	0.00	0.00	0.004	O					0.00
86.833	0.00	0.00	0.004	O					0.00
86.917	0.00	0.00	0.004	O					0.00
87.000	0.00	0.00	0.004	O					0.00
87.083	0.00	0.00	0.004	O					0.00
87.167	0.00	0.00	0.004	O					0.00
87.250	0.00	0.00	0.004	O					0.00
87.333	0.00	0.00	0.004	O					0.00
87.417	0.00	0.00	0.004	O					0.00
87.500	0.00	0.00	0.004	O					0.00
87.583	0.00	0.00	0.004	O					0.00
87.667	0.00	0.00	0.004	O					0.00
87.750	0.00	0.00	0.004	O					0.00
87.833	0.00	0.00	0.004	O					0.00
87.917	0.00	0.00	0.004	O					0.00
88.000	0.00	0.00	0.004	O					0.00
88.083	0.00	0.00	0.004	O					0.00
88.167	0.00	0.00	0.004	O					0.00
88.250	0.00	0.00	0.004	O					0.00
88.333	0.00	0.00	0.004	O					0.00

88.417	0.00	0.00	0.004	O	|	|	|	0.00
88.500	0.00	0.00	0.004	O	|	|	|	0.00
88.583	0.00	0.00	0.004	O	|	|	|	0.00
88.667	0.00	0.00	0.004	O	|	|	|	0.00
88.750	0.00	0.00	0.004	O	|	|	|	0.00
88.833	0.00	0.00	0.004	O	|	|	|	0.00
88.917	0.00	0.00	0.004	O	|	|	|	0.00
89.000	0.00	0.00	0.004	O	|	|	|	0.00
89.083	0.00	0.00	0.004	O	|	|	|	0.00
89.167	0.00	0.00	0.004	O	|	|	|	0.00
89.250	0.00	0.00	0.003	O	|	|	|	0.00
89.333	0.00	0.00	0.003	O	|	|	|	0.00
89.417	0.00	0.00	0.003	O	|	|	|	0.00
89.500	0.00	0.00	0.003	O	|	|	|	0.00
89.583	0.00	0.00	0.003	O	|	|	|	0.00
89.667	0.00	0.00	0.003	O	|	|	|	0.00
89.750	0.00	0.00	0.003	O	|	|	|	0.00
89.833	0.00	0.00	0.003	O	|	|	|	0.00
89.917	0.00	0.00	0.003	O	|	|	|	0.00
90.000	0.00	0.00	0.003	O	|	|	|	0.00
90.083	0.00	0.00	0.003	O	|	|	|	0.00
90.167	0.00	0.00	0.003	O	|	|	|	0.00
90.250	0.00	0.00	0.003	O	|	|	|	0.00
90.333	0.00	0.00	0.003	O	|	|	|	0.00
90.417	0.00	0.00	0.003	O	|	|	|	0.00
90.500	0.00	0.00	0.003	O	|	|	|	0.00
90.583	0.00	0.00	0.003	O	|	|	|	0.00
90.667	0.00	0.00	0.003	O	|	|	|	0.00
90.750	0.00	0.00	0.003	O	|	|	|	0.00
90.833	0.00	0.00	0.003	O	|	|	|	0.00
90.917	0.00	0.00	0.003	O	|	|	|	0.00
91.000	0.00	0.00	0.003	O	|	|	|	0.00
91.083	0.00	0.00	0.003	O	|	|	|	0.00
91.167	0.00	0.00	0.003	O	|	|	|	0.00
91.250	0.00	0.00	0.003	O	|	|	|	0.00
91.333	0.00	0.00	0.003	O	|	|	|	0.00
91.417	0.00	0.00	0.003	O	|	|	|	0.00
91.500	0.00	0.00	0.003	O	|	|	|	0.00
91.583	0.00	0.00	0.003	O	|	|	|	0.00
91.667	0.00	0.00	0.003	O	|	|	|	0.00
91.750	0.00	0.00	0.003	O	|	|	|	0.00
91.833	0.00	0.00	0.003	O	|	|	|	0.00
91.917	0.00	0.00	0.003	O	|	|	|	0.00
92.000	0.00	0.00	0.003	O	|	|	|	0.00
92.083	0.00	0.00	0.003	O	|	|	|	0.00
92.167	0.00	0.00	0.003	O	|	|	|	0.00
92.250	0.00	0.00	0.003	O	|	|	|	0.00
92.333	0.00	0.00	0.003	O	|	|	|	0.00
92.417	0.00	0.00	0.003	O	|	|	|	0.00
92.500	0.00	0.00	0.003	O	|	|	|	0.00
92.583	0.00	0.00	0.003	O	|	|	|	0.00
92.667	0.00	0.00	0.003	O	|	|	|	0.00
92.750	0.00	0.00	0.003	O	|	|	|	0.00
92.833	0.00	0.00	0.003	O	|	|	|	0.00
92.917	0.00	0.00	0.003	O	|	|	|	0.00
93.000	0.00	0.00	0.003	O	|	|	|	0.00
93.083	0.00	0.00	0.003	O	|	|	|	0.00
93.167	0.00	0.00	0.003	O	|	|	|	0.00
93.250	0.00	0.00	0.003	O	|	|	|	0.00
93.333	0.00	0.00	0.003	O	|	|	|	0.00
93.417	0.00	0.00	0.003	O	|	|	|	0.00
93.500	0.00	0.00	0.003	O	|	|	|	0.00
93.583	0.00	0.00	0.003	O	|	|	|	0.00

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93.667    0.00    0.00      0.002  O       |       |       |       |      0.00
93.750    0.00    0.00      0.002  O       |       |       |       |      0.00
93.833    0.00    0.00      0.002  O       |       |       |       |      0.00
93.917    0.00    0.00      0.002  O       |       |       |       |      0.00
94.000    0.00    0.00      0.002  O       |       |       |       |      0.00
94.083    0.00    0.00      0.002  O       |       |       |       |      0.00
94.167    0.00    0.00      0.002  O       |       |       |       |      0.00
94.250    0.00    0.00      0.002  O       |       |       |       |      0.00
94.333    0.00    0.00      0.002  O       |       |       |       |      0.00
94.417    0.00    0.00      0.002  O       |       |       |       |      0.00
94.500    0.00    0.00      0.002  O       |       |       |       |      0.00
94.583    0.00    0.00      0.002  O       |       |       |       |      0.00
94.667    0.00    0.00      0.002  O       |       |       |       |      0.00
94.750    0.00    0.00      0.002  O       |       |       |       |      0.00
94.833    0.00    0.00      0.002  O       |       |       |       |      0.00
94.917    0.00    0.00      0.002  O       |       |       |       |      0.00
95.000    0.00    0.00      0.002  O       |       |       |       |      0.00
95.083    0.00    0.00      0.002  O       |       |       |       |      0.00
95.167    0.00    0.00      0.002  O       |       |       |       |      0.00
95.250    0.00    0.00      0.002  O       |       |       |       |      0.00
95.333    0.00    0.00      0.002  O       |       |       |       |      0.00
95.417    0.00    0.00      0.002  O       |       |       |       |      0.00
95.500    0.00    0.00      0.002  O       |       |       |       |      0.00
95.583    0.00    0.00      0.002  O       |       |       |       |      0.00
95.667    0.00    0.00      0.002  O       |       |       |       |      0.00
95.750    0.00    0.00      0.002  O       |       |       |       |      0.00
95.833    0.00    0.00      0.002  O       |       |       |       |      0.00
95.917    0.00    0.00      0.002  O       |       |       |       |      0.00
96.000    0.00    0.00      0.002  O       |       |       |       |      0.00
96.083    0.00    0.00      0.002  O       |       |       |       |      0.00
96.167    0.00    0.00      0.002  O       |       |       |       |      0.00
96.250    0.00    0.00      0.002  O       |       |       |       |      0.00
96.333    0.00    0.00      0.002  O       |       |       |       |      0.00
96.417    0.00    0.00      0.002  O       |       |       |       |      0.00
96.500    0.00    0.00      0.002  O       |       |       |       |      0.00
96.583    0.00    0.00      0.002  O       |       |       |       |      0.00
96.667    0.00    0.00      0.002  O       |       |       |       |      0.00
96.750    0.00    0.00      0.002  O       |       |       |       |      0.00
96.833    0.00    0.00      0.002  O       |       |       |       |      0.00
96.917    0.00    0.00      0.002  O       |       |       |       |      0.00


 Remaining water in basin =    0.00 (Ac.Ft)


 ****************************HYDROGRAPH DATA****************************
              Number of intervals =  1163
              Time interval =    5.0 (Min.)
              Maximum/Peak flow rate =        1.869 (CFS)
              Total volume =       2.820 (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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                  FLOOD HYDROGRAPH ROUTING PROGRAM
            Copyright (c) CIVILCADD/CIVILDESIGN, 1989 - 2005
                        Study date: 04/03/24

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Keller Crossing, Tr. 38163
WQ - Detention Basin Routing Area C onsite
Detention Basin C full with DCV at 1426
2-year 3-hour storm Inflow Hydrograph


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Program License Serial Number 4029

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

             From study/file name: 907hydc2pr32.rte
****************************HYDROGRAPH DATA*****************************
             Number of intervals =    44
             Time interval =    5.0 (Min.)
             Maximum/Peak flow rate =       42.196 (CFS)
             Total volume =       3.884 (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       10.000 to Point/Station       11.000
**** RETARDING BASIN ROUTING ****
________________________________________________________________________

User entry of depth-outflow-storage data
------------------------------------------------------------------------
Total number of inflow hydrograph intervals = 44
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  Storage    Outflow   (S-O*dt/2)   (S+O*dt/2)
     (Ft.)    (Ac.Ft)    (CFS)     (Ac.Ft)    (Ac.Ft)
------------------------------------------------------------------------
   0.000      0.000      0.000      0.000        0.000
   1.000      1.948      1.800      1.942        1.954
   2.000      4.304      2.020      4.297        4.311
   3.000      7.054      3.480      7.042        7.066
   4.000     10.094     49.260      9.924       10.264
   4.500     11.710     87.250     11.410       12.010
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5.000	13.325	331.310	12.184	14.466
6.000	16.754	1244.540	12.468	21.040

Hydrograph Detention Basin Routing

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

Time (Hours)	Inflow (CFS)	Outflow (CFS)	Storage (Ac.Ft)	.0 10.5 21.10 31.65 42.20	Depth (Ft.)
0.083	1.24	0.00	0.004	O | | | |	0.00
0.167	4.68	0.02	0.025	O I | | | |	0.01
0.250	5.70	0.06	0.060	O I | | | |	0.03
0.333	6.09	0.09	0.100	O I | | | |	0.05
0.417	7.27	0.13	0.145	O I | | | |	0.07
0.500	8.05	0.18	0.197	O I | | | |	0.10
0.583	8.80	0.23	0.254	O I | | | |	0.13
0.667	8.72	0.29	0.312	O I | | | |	0.16
0.750	9.48	0.34	0.373	O I| | | |	0.19
0.833	9.44	0.40	0.435	O I| | | |	0.22
0.917	8.86	0.46	0.495	O I | | | |	0.25
1.000	9.11	0.51	0.554	O I | | | |	0.28
1.083	10.03	0.57	0.616	O I| | | |	0.32
1.167	11.27	0.63	0.685	O I | | | |	0.35
1.250	11.71	0.70	0.760	O I | | | |	0.39
1.333	11.73	0.77	0.835	O I | | | |	0.43
1.417	11.89	0.84	0.911	O |I | | |	0.47
1.500	13.46	0.92	0.992	O | I | | |	0.51
1.583	13.97	1.00	1.080	O | I | | |	0.55
1.667	13.79	1.08	1.169	O | I | | |	0.60
1.750	15.05	1.16	1.260	O | I | | |	0.65
1.833	16.70	1.26	1.361	O | I | | |	0.70
1.917	16.66	1.36	1.467	|O | I | | |	0.75
2.000	16.35	1.45	1.571	|O | I | | |	0.81
2.083	16.64	1.55	1.674	|O | I | | |	0.86
2.167	18.02	1.65	1.783	|O | I | | |	0.92
2.250	21.82	1.76	1.908	|O | I | | |	0.98
2.333	23.60	1.81	2.052	|O | |I | |	1.04
2.417	24.16	1.82	2.204	|O | | I | |	1.11
2.500	33.23	1.84	2.389	|O | | |I |	1.19
2.583	39.55	1.86	2.627	|O | | | I |	1.29
2.667	42.20	1.89	2.896	|O | | | I	1.40
2.750	32.35	1.91	3.139	|O | | I |	1.51
2.833	20.09	1.93	3.307	|O | | I| |	1.58
2.917	15.34	1.94	3.415	|O | I | | |	1.62
3.000	12.06	1.94	3.496	|O |I | | |	1.66
3.083	7.19	1.95	3.549	|O I | | | |	1.68
3.167	3.65	1.95	3.573	|OI | | | |	1.69
3.250	2.04	1.95	3.579	|O | | | |	1.69
3.333	1.06	1.95	3.576	IO | | | |	1.69
3.417	0.50	1.95	3.568	IO | | | |	1.69
3.500	0.28	1.95	3.558	IO | | | |	1.68
3.583	0.14	1.95	3.546	IO | | | |	1.68
3.667	0.03	1.95	3.533	IO | | | |	1.67
3.750	0.00	1.95	3.519	IO | | | |	1.67
3.833	0.00	1.95	3.506	IO | | | |	1.66
3.917	0.00	1.94	3.493	IO | | | |	1.66
4.000	0.00	1.94	3.479	IO | | | |	1.65
4.083	0.00	1.94	3.466	IO | | | |	1.64
4.167	0.00	1.94	3.452	IO | | | |	1.64
4.250	0.00	1.94	3.439	IO | | | |	1.63
4.333	0.00	1.94	3.426	IO | | | |	1.63
4.417	0.00	1.94	3.412	IO | | | |	1.62

4.500	0.00	1.94	3.399	IO				1.62
4.583	0.00	1.93	3.386	IO				1.61
4.667	0.00	1.93	3.372	IO				1.60
4.750	0.00	1.93	3.359	IO				1.60
4.833	0.00	1.93	3.346	IO				1.59
4.917	0.00	1.93	3.333	IO				1.59
5.000	0.00	1.93	3.319	IO				1.58
5.083	0.00	1.93	3.306	IO				1.58
5.167	0.00	1.93	3.293	IO				1.57
5.250	0.00	1.92	3.279	IO				1.57
5.333	0.00	1.92	3.266	IO				1.56
5.417	0.00	1.92	3.253	IO				1.55
5.500	0.00	1.92	3.240	IO				1.55
5.583	0.00	1.92	3.227	IO				1.54
5.667	0.00	1.92	3.213	IO				1.54
5.750	0.00	1.92	3.200	IO				1.53
5.833	0.00	1.92	3.187	IO				1.53
5.917	0.00	1.91	3.174	IO				1.52
6.000	0.00	1.91	3.161	IO				1.51
6.083	0.00	1.91	3.147	IO				1.51
6.167	0.00	1.91	3.134	IO				1.50
6.250	0.00	1.91	3.121	IO				1.50
6.333	0.00	1.91	3.108	IO				1.49
6.417	0.00	1.91	3.095	IO				1.49
6.500	0.00	1.91	3.082	IO				1.48
6.583	0.00	1.90	3.069	IO				1.48
6.667	0.00	1.90	3.055	IO				1.47
6.750	0.00	1.90	3.042	IO				1.46
6.833	0.00	1.90	3.029	IO				1.46
6.917	0.00	1.90	3.016	IO				1.45
7.000	0.00	1.90	3.003	IO				1.45
7.083	0.00	1.90	2.990	IO				1.44
7.167	0.00	1.90	2.977	IO				1.44
7.250	0.00	1.89	2.964	IO				1.43
7.333	0.00	1.89	2.951	IO				1.43
7.417	0.00	1.89	2.938	IO				1.42
7.500	0.00	1.89	2.925	IO				1.41
7.583	0.00	1.89	2.912	IO				1.41
7.667	0.00	1.89	2.899	IO				1.40
7.750	0.00	1.89	2.886	IO				1.40
7.833	0.00	1.89	2.873	IO				1.39
7.917	0.00	1.89	2.860	IO				1.39
8.000	0.00	1.88	2.847	IO				1.38
8.083	0.00	1.88	2.834	IO				1.38
8.167	0.00	1.88	2.821	IO				1.37
8.250	0.00	1.88	2.808	IO				1.36
8.333	0.00	1.88	2.795	IO				1.36
8.417	0.00	1.88	2.782	IO				1.35
8.500	0.00	1.88	2.769	IO				1.35
8.583	0.00	1.88	2.756	IO				1.34
8.667	0.00	1.87	2.743	IO				1.34
8.750	0.00	1.87	2.730	IO				1.33
8.833	0.00	1.87	2.717	IO				1.33
8.917	0.00	1.87	2.705	IO				1.32
9.000	0.00	1.87	2.692	IO				1.32
9.083	0.00	1.87	2.679	IO				1.31
9.167	0.00	1.87	2.666	IO				1.30
9.250	0.00	1.87	2.653	IO				1.30
9.333	0.00	1.86	2.640	IO				1.29
9.417	0.00	1.86	2.627	IO				1.29
9.500	0.00	1.86	2.615	IO				1.28
9.583	0.00	1.86	2.602	IO				1.28
9.667	0.00	1.86	2.589	IO				1.27

9.750	0.00	1.86	2.576	IO				1.27
9.833	0.00	1.86	2.563	IO				1.26
9.917	0.00	1.86	2.551	IO				1.26
10.000	0.00	1.86	2.538	IO				1.25
10.083	0.00	1.85	2.525	IO				1.24
10.167	0.00	1.85	2.512	IO				1.24
10.250	0.00	1.85	2.499	IO				1.23
10.333	0.00	1.85	2.487	IO				1.23
10.417	0.00	1.85	2.474	IO				1.22
10.500	0.00	1.85	2.461	IO				1.22
10.583	0.00	1.85	2.448	IO				1.21
10.667	0.00	1.85	2.436	IO				1.21
10.750	0.00	1.84	2.423	IO				1.20
10.833	0.00	1.84	2.410	IO				1.20
10.917	0.00	1.84	2.398	IO				1.19
11.000	0.00	1.84	2.385	IO				1.19
11.083	0.00	1.84	2.372	IO				1.18
11.167	0.00	1.84	2.360	IO				1.17
11.250	0.00	1.84	2.347	IO				1.17
11.333	0.00	1.84	2.334	IO				1.16
11.417	0.00	1.83	2.322	IO				1.16
11.500	0.00	1.83	2.309	IO				1.15
11.583	0.00	1.83	2.296	IO				1.15
11.667	0.00	1.83	2.284	IO				1.14
11.750	0.00	1.83	2.271	IO				1.14
11.833	0.00	1.83	2.259	IO				1.13
11.917	0.00	1.83	2.246	IO				1.13
12.000	0.00	1.83	2.233	IO				1.12
12.083	0.00	1.83	2.221	IO				1.12
12.167	0.00	1.82	2.208	IO				1.11
12.250	0.00	1.82	2.196	IO				1.11
12.333	0.00	1.82	2.183	IO				1.10
12.417	0.00	1.82	2.171	IO				1.09
12.500	0.00	1.82	2.158	IO				1.09
12.583	0.00	1.82	2.146	IO				1.08
12.667	0.00	1.82	2.133	IO				1.08
12.750	0.00	1.82	2.121	IO				1.07
12.833	0.00	1.81	2.108	IO				1.07
12.917	0.00	1.81	2.096	IO				1.06
13.000	0.00	1.81	2.083	IO				1.06
13.083	0.00	1.81	2.071	IO				1.05
13.167	0.00	1.81	2.058	IO				1.05
13.250	0.00	1.81	2.046	IO				1.04
13.333	0.00	1.81	2.033	IO				1.04
13.417	0.00	1.81	2.021	IO				1.03
13.500	0.00	1.81	2.008	IO				1.03
13.583	0.00	1.80	1.996	IO				1.02
13.667	0.00	1.80	1.983	IO				1.02
13.750	0.00	1.80	1.971	IO				1.01
13.833	0.00	1.80	1.959	IO				1.00
13.917	0.00	1.80	1.946	IO				1.00
14.000	0.00	1.79	1.934	IO				0.99
14.083	0.00	1.78	1.922	IO				0.99
14.167	0.00	1.76	1.909	IO				0.98
14.250	0.00	1.75	1.897	IO				0.97
14.333	0.00	1.74	1.885	IO				0.97
14.417	0.00	1.73	1.873	IO				0.96
14.500	0.00	1.72	1.861	IO				0.96
14.583	0.00	1.71	1.850	IO				0.95
14.667	0.00	1.70	1.838	IO				0.94
14.750	0.00	1.69	1.826	IO				0.94
14.833	0.00	1.68	1.815	IO				0.93
14.917	0.00	1.67	1.803	IO				0.93

15.000	0.00	1.66	1.792	IO				0.92
15.083	0.00	1.65	1.780	IO				0.91
15.167	0.00	1.63	1.769	IO				0.91
15.250	0.00	1.62	1.758	IO				0.90
15.333	0.00	1.61	1.747	IO				0.90
15.417	0.00	1.60	1.736	IO				0.89
15.500	0.00	1.59	1.725	IO				0.89
15.583	0.00	1.58	1.714	IO				0.88
15.667	0.00	1.57	1.703	IO				0.87
15.750	0.00	1.56	1.692	IO				0.87
15.833	0.00	1.55	1.681	IO				0.86
15.917	0.00	1.54	1.671	IO				0.86
16.000	0.00	1.53	1.660	IO				0.85
16.083	0.00	1.52	1.649	IO				0.85
16.167	0.00	1.51	1.639	IO				0.84
16.250	0.00	1.50	1.629	IO				0.84
16.333	0.00	1.50	1.618	IO				0.83
16.417	0.00	1.49	1.608	IO				0.83
16.500	0.00	1.48	1.598	IO				0.82
16.583	0.00	1.47	1.588	IO				0.82
16.667	0.00	1.46	1.578	IO				0.81
16.750	0.00	1.45	1.568	IO				0.80
16.833	0.00	1.44	1.558	IO				0.80
16.917	0.00	1.43	1.548	IO				0.79
17.000	0.00	1.42	1.538	IO				0.79
17.083	0.00	1.41	1.528	IO				0.78
17.167	0.00	1.40	1.518	IO				0.78
17.250	0.00	1.39	1.509	IO				0.77
17.333	0.00	1.39	1.499	IO				0.77
17.417	0.00	1.38	1.490	IO				0.76
17.500	0.00	1.37	1.480	IO				0.76
17.583	0.00	1.36	1.471	IO				0.76
17.667	0.00	1.35	1.462	IO				0.75
17.750	0.00	1.34	1.452	IO				0.75
17.833	0.00	1.33	1.443	IO				0.74
17.917	0.00	1.33	1.434	IO				0.74
18.000	0.00	1.32	1.425	O				0.73
18.083	0.00	1.31	1.416	O				0.73
18.167	0.00	1.30	1.407	O				0.72
18.250	0.00	1.29	1.398	O				0.72
18.333	0.00	1.28	1.389	O				0.71
18.417	0.00	1.28	1.380	O				0.71
18.500	0.00	1.27	1.371	O				0.70
18.583	0.00	1.26	1.363	O				0.70
18.667	0.00	1.25	1.354	O				0.70
18.750	0.00	1.24	1.346	O				0.69
18.833	0.00	1.24	1.337	O				0.69
18.917	0.00	1.23	1.329	O				0.68
19.000	0.00	1.22	1.320	O				0.68
19.083	0.00	1.21	1.312	O				0.67
19.167	0.00	1.20	1.303	O				0.67
19.250	0.00	1.20	1.295	O				0.66
19.333	0.00	1.19	1.287	O				0.66
19.417	0.00	1.18	1.279	O				0.66
19.500	0.00	1.17	1.271	O				0.65
19.583	0.00	1.17	1.263	O				0.65
19.667	0.00	1.16	1.255	O				0.64
19.750	0.00	1.15	1.247	O				0.64
19.833	0.00	1.14	1.239	O				0.64
19.917	0.00	1.14	1.231	O				0.63
20.000	0.00	1.13	1.223	O				0.63
20.083	0.00	1.12	1.215	O				0.62
20.167	0.00	1.12	1.208	O				0.62

20.250	0.00	1.11	1.200	O					0.62
20.333	0.00	1.10	1.192	O					0.61
20.417	0.00	1.09	1.185	O					0.61
20.500	0.00	1.09	1.177	O					0.60
20.583	0.00	1.08	1.170	O					0.60
20.667	0.00	1.07	1.162	O					0.60
20.750	0.00	1.07	1.155	O					0.59
20.833	0.00	1.06	1.148	O					0.59
20.917	0.00	1.05	1.140	O					0.59
21.000	0.00	1.05	1.133	O					0.58
21.083	0.00	1.04	1.126	O					0.58
21.167	0.00	1.03	1.119	O					0.57
21.250	0.00	1.03	1.112	O					0.57
21.333	0.00	1.02	1.105	O					0.57
21.417	0.00	1.01	1.098	O					0.56
21.500	0.00	1.01	1.091	O					0.56
21.583	0.00	1.00	1.084	O					0.56
21.667	0.00	1.00	1.077	O					0.55
21.750	0.00	0.99	1.070	O					0.55
21.833	0.00	0.98	1.063	O					0.55
21.917	0.00	0.98	1.057	O					0.54
22.000	0.00	0.97	1.050	O					0.54
22.083	0.00	0.96	1.043	O					0.54
22.167	0.00	0.96	1.037	O					0.53
22.250	0.00	0.95	1.030	O					0.53
22.333	0.00	0.95	1.023	O					0.53
22.417	0.00	0.94	1.017	O					0.52
22.500	0.00	0.93	1.010	O					0.52
22.583	0.00	0.93	1.004	O					0.52
22.667	0.00	0.92	0.998	O					0.51
22.750	0.00	0.92	0.991	O					0.51
22.833	0.00	0.91	0.985	O					0.51
22.917	0.00	0.90	0.979	O					0.50
23.000	0.00	0.90	0.973	O					0.50
23.083	0.00	0.89	0.966	O					0.50
23.167	0.00	0.89	0.960	O					0.49
23.250	0.00	0.88	0.954	O					0.49
23.333	0.00	0.88	0.948	O					0.49
23.417	0.00	0.87	0.942	O					0.48
23.500	0.00	0.87	0.936	O					0.48
23.583	0.00	0.86	0.930	O					0.48
23.667	0.00	0.85	0.924	O					0.47
23.750	0.00	0.85	0.918	O					0.47
23.833	0.00	0.84	0.913	O					0.47
23.917	0.00	0.84	0.907	O					0.47
24.000	0.00	0.83	0.901	O					0.46
24.083	0.00	0.83	0.895	O					0.46
24.167	0.00	0.82	0.890	O					0.46
24.250	0.00	0.82	0.884	O					0.45
24.333	0.00	0.81	0.878	O					0.45
24.417	0.00	0.81	0.873	O					0.45
24.500	0.00	0.80	0.867	O					0.45
24.583	0.00	0.80	0.862	O					0.44
24.667	0.00	0.79	0.856	O					0.44
24.750	0.00	0.79	0.851	O					0.44
24.833	0.00	0.78	0.846	O					0.43
24.917	0.00	0.78	0.840	O					0.43
25.000	0.00	0.77	0.835	O					0.43
25.083	0.00	0.77	0.830	O					0.43
25.167	0.00	0.76	0.824	O					0.42
25.250	0.00	0.76	0.819	O					0.42
25.333	0.00	0.75	0.814	O					0.42
25.417	0.00	0.75	0.809	O					0.42

25.500	0.00	0.74	0.804	O				0.41
25.583	0.00	0.74	0.798	O				0.41
25.667	0.00	0.73	0.793	O				0.41
25.750	0.00	0.73	0.788	O				0.40
25.833	0.00	0.72	0.783	O				0.40
25.917	0.00	0.72	0.778	O				0.40
26.000	0.00	0.71	0.773	O				0.40
26.083	0.00	0.71	0.769	O				0.39
26.167	0.00	0.71	0.764	O				0.39
26.250	0.00	0.70	0.759	O				0.39
26.333	0.00	0.70	0.754	O				0.39
26.417	0.00	0.69	0.749	O				0.38
26.500	0.00	0.69	0.745	O				0.38
26.583	0.00	0.68	0.740	O				0.38
26.667	0.00	0.68	0.735	O				0.38
26.750	0.00	0.67	0.730	O				0.37
26.833	0.00	0.67	0.726	O				0.37
26.917	0.00	0.67	0.721	O				0.37
27.000	0.00	0.66	0.717	O				0.37
27.083	0.00	0.66	0.712	O				0.37
27.167	0.00	0.65	0.708	O				0.36
27.250	0.00	0.65	0.703	O				0.36
27.333	0.00	0.65	0.699	O				0.36
27.417	0.00	0.64	0.694	O				0.36
27.500	0.00	0.64	0.690	O				0.35
27.583	0.00	0.63	0.685	O				0.35
27.667	0.00	0.63	0.681	O				0.35
27.750	0.00	0.63	0.677	O				0.35
27.833	0.00	0.62	0.672	O				0.35
27.917	0.00	0.62	0.668	O				0.34
28.000	0.00	0.61	0.664	O				0.34
28.083	0.00	0.61	0.660	O				0.34
28.167	0.00	0.61	0.656	O				0.34
28.250	0.00	0.60	0.651	O				0.33
28.333	0.00	0.60	0.647	O				0.33
28.417	0.00	0.59	0.643	O				0.33
28.500	0.00	0.59	0.639	O				0.33
28.583	0.00	0.59	0.635	O				0.33
28.667	0.00	0.58	0.631	O				0.32
28.750	0.00	0.58	0.627	O				0.32
28.833	0.00	0.58	0.623	O				0.32
28.917	0.00	0.57	0.619	O				0.32
29.000	0.00	0.57	0.615	O				0.32
29.083	0.00	0.56	0.611	O				0.31
29.167	0.00	0.56	0.607	O				0.31
29.250	0.00	0.56	0.603	O				0.31
29.333	0.00	0.55	0.600	O				0.31
29.417	0.00	0.55	0.596	O				0.31
29.500	0.00	0.55	0.592	O				0.30
29.583	0.00	0.54	0.588	O				0.30
29.667	0.00	0.54	0.585	O				0.30
29.750	0.00	0.54	0.581	O				0.30
29.833	0.00	0.53	0.577	O				0.30
29.917	0.00	0.53	0.574	O				0.29
30.000	0.00	0.53	0.570	O				0.29
30.083	0.00	0.52	0.566	O				0.29
30.167	0.00	0.52	0.563	O				0.29
30.250	0.00	0.52	0.559	O				0.29
30.333	0.00	0.51	0.556	O				0.29
30.417	0.00	0.51	0.552	O				0.28
30.500	0.00	0.51	0.549	O				0.28
30.583	0.00	0.50	0.545	O				0.28
30.667	0.00	0.50	0.542	O				0.28

30.750	0.00	0.50	0.538	O					0.28
30.833	0.00	0.49	0.535	O					0.27
30.917	0.00	0.49	0.531	O					0.27
31.000	0.00	0.49	0.528	O					0.27
31.083	0.00	0.48	0.525	O					0.27
31.167	0.00	0.48	0.521	O					0.27
31.250	0.00	0.48	0.518	O					0.27
31.333	0.00	0.48	0.515	O					0.26
31.417	0.00	0.47	0.511	O					0.26
31.500	0.00	0.47	0.508	O					0.26
31.583	0.00	0.47	0.505	O					0.26
31.667	0.00	0.46	0.502	O					0.26
31.750	0.00	0.46	0.499	O					0.26
31.833	0.00	0.46	0.495	O					0.25
31.917	0.00	0.45	0.492	O					0.25
32.000	0.00	0.45	0.489	O					0.25
32.083	0.00	0.45	0.486	O					0.25
32.167	0.00	0.45	0.483	O					0.25
32.250	0.00	0.44	0.480	O					0.25
32.333	0.00	0.44	0.477	O					0.24
32.417	0.00	0.44	0.474	O					0.24
32.500	0.00	0.44	0.471	O					0.24
32.583	0.00	0.43	0.468	O					0.24
32.667	0.00	0.43	0.465	O					0.24
32.750	0.00	0.43	0.462	O					0.24
32.833	0.00	0.42	0.459	O					0.24
32.917	0.00	0.42	0.456	O					0.23
33.000	0.00	0.42	0.453	O					0.23
33.083	0.00	0.42	0.450	O					0.23
33.167	0.00	0.41	0.447	O					0.23
33.250	0.00	0.41	0.445	O					0.23
33.333	0.00	0.41	0.442	O					0.23
33.417	0.00	0.41	0.439	O					0.23
33.500	0.00	0.40	0.436	O					0.22
33.583	0.00	0.40	0.433	O					0.22
33.667	0.00	0.40	0.431	O					0.22
33.750	0.00	0.40	0.428	O					0.22
33.833	0.00	0.39	0.425	O					0.22
33.917	0.00	0.39	0.423	O					0.22
34.000	0.00	0.39	0.420	O					0.22
34.083	0.00	0.39	0.417	O					0.21
34.167	0.00	0.38	0.415	O					0.21
34.250	0.00	0.38	0.412	O					0.21
34.333	0.00	0.38	0.409	O					0.21
34.417	0.00	0.38	0.407	O					0.21
34.500	0.00	0.37	0.404	O					0.21
34.583	0.00	0.37	0.402	O					0.21
34.667	0.00	0.37	0.399	O					0.20
34.750	0.00	0.37	0.397	O					0.20
34.833	0.00	0.36	0.394	O					0.20
34.917	0.00	0.36	0.391	O					0.20
35.000	0.00	0.36	0.389	O					0.20
35.083	0.00	0.36	0.387	O					0.20
35.167	0.00	0.35	0.384	O					0.20
35.250	0.00	0.35	0.382	O					0.20
35.333	0.00	0.35	0.379	O					0.19
35.417	0.00	0.35	0.377	O					0.19
35.500	0.00	0.35	0.374	O					0.19
35.583	0.00	0.34	0.372	O					0.19
35.667	0.00	0.34	0.370	O					0.19
35.750	0.00	0.34	0.367	O					0.19
35.833	0.00	0.34	0.365	O					0.19
35.917	0.00	0.34	0.363	O					0.19

36.000	0.00	0.33	0.360	O					0.19
36.083	0.00	0.33	0.358	O					0.18
36.167	0.00	0.33	0.356	O					0.18
36.250	0.00	0.33	0.354	O					0.18
36.333	0.00	0.32	0.351	O					0.18
36.417	0.00	0.32	0.349	O					0.18
36.500	0.00	0.32	0.347	O					0.18
36.583	0.00	0.32	0.345	O					0.18
36.667	0.00	0.32	0.343	O					0.18
36.750	0.00	0.31	0.340	O					0.17
36.833	0.00	0.31	0.338	O					0.17
36.917	0.00	0.31	0.336	O					0.17
37.000	0.00	0.31	0.334	O					0.17
37.083	0.00	0.31	0.332	O					0.17
37.167	0.00	0.30	0.330	O					0.17
37.250	0.00	0.30	0.328	O					0.17
37.333	0.00	0.30	0.326	O					0.17
37.417	0.00	0.30	0.323	O					0.17
37.500	0.00	0.30	0.321	O					0.16
37.583	0.00	0.30	0.319	O					0.16
37.667	0.00	0.29	0.317	O					0.16
37.750	0.00	0.29	0.315	O					0.16
37.833	0.00	0.29	0.313	O					0.16
37.917	0.00	0.29	0.311	O					0.16
38.000	0.00	0.29	0.309	O					0.16
38.083	0.00	0.28	0.307	O					0.16
38.167	0.00	0.28	0.305	O					0.16
38.250	0.00	0.28	0.304	O					0.16
38.333	0.00	0.28	0.302	O					0.15
38.417	0.00	0.28	0.300	O					0.15
38.500	0.00	0.28	0.298	O					0.15
38.583	0.00	0.27	0.296	O					0.15
38.667	0.00	0.27	0.294	O					0.15
38.750	0.00	0.27	0.292	O					0.15
38.833	0.00	0.27	0.290	O					0.15
38.917	0.00	0.27	0.288	O					0.15
39.000	0.00	0.26	0.287	O					0.15
39.083	0.00	0.26	0.285	O					0.15
39.167	0.00	0.26	0.283	O					0.15
39.250	0.00	0.26	0.281	O					0.14
39.333	0.00	0.26	0.279	O					0.14
39.417	0.00	0.26	0.278	O					0.14
39.500	0.00	0.25	0.276	O					0.14
39.583	0.00	0.25	0.274	O					0.14
39.667	0.00	0.25	0.272	O					0.14
39.750	0.00	0.25	0.271	O					0.14
39.833	0.00	0.25	0.269	O					0.14
39.917	0.00	0.25	0.267	O					0.14
40.000	0.00	0.25	0.266	O					0.14
40.083	0.00	0.24	0.264	O					0.14
40.167	0.00	0.24	0.262	O					0.13
40.250	0.00	0.24	0.261	O					0.13
40.333	0.00	0.24	0.259	O					0.13
40.417	0.00	0.24	0.257	O					0.13
40.500	0.00	0.24	0.256	O					0.13
40.583	0.00	0.23	0.254	O					0.13
40.667	0.00	0.23	0.252	O					0.13
40.750	0.00	0.23	0.251	O					0.13
40.833	0.00	0.23	0.249	O					0.13
40.917	0.00	0.23	0.248	O					0.13
41.000	0.00	0.23	0.246	O					0.13
41.083	0.00	0.23	0.244	O					0.13
41.167	0.00	0.22	0.243	O					0.12

41.250	0.00	0.22	0.241	O				0.12
41.333	0.00	0.22	0.240	O				0.12
41.417	0.00	0.22	0.238	O				0.12
41.500	0.00	0.22	0.237	O				0.12
41.583	0.00	0.22	0.235	O				0.12
41.667	0.00	0.22	0.234	O				0.12
41.750	0.00	0.21	0.232	O				0.12
41.833	0.00	0.21	0.231	O				0.12
41.917	0.00	0.21	0.229	O				0.12
42.000	0.00	0.21	0.228	O				0.12
42.083	0.00	0.21	0.226	O				0.12
42.167	0.00	0.21	0.225	O				0.12
42.250	0.00	0.21	0.224	O				0.11
42.333	0.00	0.21	0.222	O				0.11
42.417	0.00	0.20	0.221	O				0.11
42.500	0.00	0.20	0.219	O				0.11
42.583	0.00	0.20	0.218	O				0.11
42.667	0.00	0.20	0.217	O				0.11
42.750	0.00	0.20	0.215	O				0.11
42.833	0.00	0.20	0.214	O				0.11
42.917	0.00	0.20	0.213	O				0.11
43.000	0.00	0.20	0.211	O				0.11
43.083	0.00	0.19	0.210	O				0.11
43.167	0.00	0.19	0.209	O				0.11
43.250	0.00	0.19	0.207	O				0.11
43.333	0.00	0.19	0.206	O				0.11
43.417	0.00	0.19	0.205	O				0.11
43.500	0.00	0.19	0.203	O				0.10
43.583	0.00	0.19	0.202	O				0.10
43.667	0.00	0.19	0.201	O				0.10
43.750	0.00	0.18	0.199	O				0.10
43.833	0.00	0.18	0.198	O				0.10
43.917	0.00	0.18	0.197	O				0.10
44.000	0.00	0.18	0.196	O				0.10
44.083	0.00	0.18	0.194	O				0.10
44.167	0.00	0.18	0.193	O				0.10
44.250	0.00	0.18	0.192	O				0.10
44.333	0.00	0.18	0.191	O				0.10
44.417	0.00	0.18	0.190	O				0.10
44.500	0.00	0.17	0.188	O				0.10
44.583	0.00	0.17	0.187	O				0.10
44.667	0.00	0.17	0.186	O				0.10
44.750	0.00	0.17	0.185	O				0.09
44.833	0.00	0.17	0.184	O				0.09
44.917	0.00	0.17	0.182	O				0.09
45.000	0.00	0.17	0.181	O				0.09
45.083	0.00	0.17	0.180	O				0.09
45.167	0.00	0.17	0.179	O				0.09
45.250	0.00	0.16	0.178	O				0.09
45.333	0.00	0.16	0.177	O				0.09
45.417	0.00	0.16	0.176	O				0.09
45.500	0.00	0.16	0.174	O				0.09
45.583	0.00	0.16	0.173	O				0.09
45.667	0.00	0.16	0.172	O				0.09
45.750	0.00	0.16	0.171	O				0.09
45.833	0.00	0.16	0.170	O				0.09
45.917	0.00	0.16	0.169	O				0.09
46.000	0.00	0.16	0.168	O				0.09
46.083	0.00	0.15	0.167	O				0.09
46.167	0.00	0.15	0.166	O				0.09
46.250	0.00	0.15	0.165	O				0.08
46.333	0.00	0.15	0.164	O				0.08
46.417	0.00	0.15	0.163	O				0.08

46.500	0.00	0.15	0.162	O				0.08
46.583	0.00	0.15	0.161	O				0.08
46.667	0.00	0.15	0.160	O				0.08
46.750	0.00	0.15	0.159	O				0.08
46.833	0.00	0.15	0.158	O				0.08
46.917	0.00	0.14	0.157	O				0.08
47.000	0.00	0.14	0.156	O				0.08
47.083	0.00	0.14	0.155	O				0.08
47.167	0.00	0.14	0.154	O				0.08
47.250	0.00	0.14	0.153	O				0.08
47.333	0.00	0.14	0.152	O				0.08
47.417	0.00	0.14	0.151	O				0.08
47.500	0.00	0.14	0.150	O				0.08
47.583	0.00	0.14	0.149	O				0.08
47.667	0.00	0.14	0.148	O				0.08
47.750	0.00	0.14	0.147	O				0.08
47.833	0.00	0.13	0.146	O				0.07
47.917	0.00	0.13	0.145	O				0.07
48.000	0.00	0.13	0.144	O				0.07
48.083	0.00	0.13	0.143	O				0.07
48.167	0.00	0.13	0.142	O				0.07
48.250	0.00	0.13	0.141	O				0.07
48.333	0.00	0.13	0.141	O				0.07
48.417	0.00	0.13	0.140	O				0.07
48.500	0.00	0.13	0.139	O				0.07
48.583	0.00	0.13	0.138	O				0.07
48.667	0.00	0.13	0.137	O				0.07
48.750	0.00	0.13	0.136	O				0.07
48.833	0.00	0.12	0.135	O				0.07
48.917	0.00	0.12	0.134	O				0.07
49.000	0.00	0.12	0.134	O				0.07
49.083	0.00	0.12	0.133	O				0.07
49.167	0.00	0.12	0.132	O				0.07
49.250	0.00	0.12	0.131	O				0.07
49.333	0.00	0.12	0.130	O				0.07
49.417	0.00	0.12	0.129	O				0.07
49.500	0.00	0.12	0.129	O				0.07
49.583	0.00	0.12	0.128	O				0.07
49.667	0.00	0.12	0.127	O				0.07
49.750	0.00	0.12	0.126	O				0.06
49.833	0.00	0.12	0.125	O				0.06
49.917	0.00	0.12	0.125	O				0.06
50.000	0.00	0.11	0.124	O				0.06
50.083	0.00	0.11	0.123	O				0.06
50.167	0.00	0.11	0.122	O				0.06
50.250	0.00	0.11	0.121	O				0.06
50.333	0.00	0.11	0.121	O				0.06
50.417	0.00	0.11	0.120	O				0.06
50.500	0.00	0.11	0.119	O				0.06
50.583	0.00	0.11	0.118	O				0.06
50.667	0.00	0.11	0.118	O				0.06
50.750	0.00	0.11	0.117	O				0.06
50.833	0.00	0.11	0.116	O				0.06
50.917	0.00	0.11	0.115	O				0.06
51.000	0.00	0.11	0.115	O				0.06
51.083	0.00	0.11	0.114	O				0.06
51.167	0.00	0.10	0.113	O				0.06
51.250	0.00	0.10	0.112	O				0.06
51.333	0.00	0.10	0.112	O				0.06
51.417	0.00	0.10	0.111	O				0.06
51.500	0.00	0.10	0.110	O				0.06
51.583	0.00	0.10	0.110	O				0.06
51.667	0.00	0.10	0.109	O				0.06

51.750	0.00	0.10	0.108	O					0.06
51.833	0.00	0.10	0.108	O					0.06
51.917	0.00	0.10	0.107	O					0.05
52.000	0.00	0.10	0.106	O					0.05
52.083	0.00	0.10	0.106	O					0.05
52.167	0.00	0.10	0.105	O					0.05
52.250	0.00	0.10	0.104	O					0.05
52.333	0.00	0.10	0.104	O					0.05
52.417	0.00	0.10	0.103	O					0.05
52.500	0.00	0.09	0.102	O					0.05
52.583	0.00	0.09	0.102	O					0.05
52.667	0.00	0.09	0.101	O					0.05
52.750	0.00	0.09	0.100	O					0.05
52.833	0.00	0.09	0.100	O					0.05
52.917	0.00	0.09	0.099	O					0.05
53.000	0.00	0.09	0.098	O					0.05
53.083	0.00	0.09	0.098	O					0.05
53.167	0.00	0.09	0.097	O					0.05
53.250	0.00	0.09	0.097	O					0.05
53.333	0.00	0.09	0.096	O					0.05
53.417	0.00	0.09	0.095	O					0.05
53.500	0.00	0.09	0.095	O					0.05
53.583	0.00	0.09	0.094	O					0.05
53.667	0.00	0.09	0.094	O					0.05
53.750	0.00	0.09	0.093	O					0.05
53.833	0.00	0.09	0.092	O					0.05
53.917	0.00	0.08	0.092	O					0.05
54.000	0.00	0.08	0.091	O					0.05
54.083	0.00	0.08	0.091	O					0.05
54.167	0.00	0.08	0.090	O					0.05
54.250	0.00	0.08	0.089	O					0.05
54.333	0.00	0.08	0.089	O					0.05
54.417	0.00	0.08	0.088	O					0.05
54.500	0.00	0.08	0.088	O					0.05
54.583	0.00	0.08	0.087	O					0.04
54.667	0.00	0.08	0.087	O					0.04
54.750	0.00	0.08	0.086	O					0.04
54.833	0.00	0.08	0.086	O					0.04
54.917	0.00	0.08	0.085	O					0.04
55.000	0.00	0.08	0.084	O					0.04
55.083	0.00	0.08	0.084	O					0.04
55.167	0.00	0.08	0.083	O					0.04
55.250	0.00	0.08	0.083	O					0.04
55.333	0.00	0.08	0.082	O					0.04
55.417	0.00	0.08	0.082	O					0.04
55.500	0.00	0.08	0.081	O					0.04
55.583	0.00	0.07	0.081	O					0.04
55.667	0.00	0.07	0.080	O					0.04
55.750	0.00	0.07	0.080	O					0.04
55.833	0.00	0.07	0.079	O					0.04
55.917	0.00	0.07	0.079	O					0.04
56.000	0.00	0.07	0.078	O					0.04
56.083	0.00	0.07	0.078	O					0.04
56.167	0.00	0.07	0.077	O					0.04
56.250	0.00	0.07	0.077	O					0.04
56.333	0.00	0.07	0.076	O					0.04
56.417	0.00	0.07	0.076	O					0.04
56.500	0.00	0.07	0.075	O					0.04
56.583	0.00	0.07	0.075	O					0.04
56.667	0.00	0.07	0.074	O					0.04
56.750	0.00	0.07	0.074	O					0.04
56.833	0.00	0.07	0.073	O					0.04
56.917	0.00	0.07	0.073	O					0.04

57.000	0.00	0.07	0.072	O					0.04
57.083	0.00	0.07	0.072	O					0.04
57.167	0.00	0.07	0.072	O					0.04
57.250	0.00	0.07	0.071	O					0.04
57.333	0.00	0.07	0.071	O					0.04
57.417	0.00	0.06	0.070	O					0.04
57.500	0.00	0.06	0.070	O					0.04
57.583	0.00	0.06	0.069	O					0.04
57.667	0.00	0.06	0.069	O					0.04
57.750	0.00	0.06	0.068	O					0.04
57.833	0.00	0.06	0.068	O					0.03
57.917	0.00	0.06	0.068	O					0.03
58.000	0.00	0.06	0.067	O					0.03
58.083	0.00	0.06	0.067	O					0.03
58.167	0.00	0.06	0.066	O					0.03
58.250	0.00	0.06	0.066	O					0.03
58.333	0.00	0.06	0.065	O					0.03
58.417	0.00	0.06	0.065	O					0.03
58.500	0.00	0.06	0.065	O					0.03
58.583	0.00	0.06	0.064	O					0.03
58.667	0.00	0.06	0.064	O					0.03
58.750	0.00	0.06	0.063	O					0.03
58.833	0.00	0.06	0.063	O					0.03
58.917	0.00	0.06	0.063	O					0.03
59.000	0.00	0.06	0.062	O					0.03
59.083	0.00	0.06	0.062	O					0.03
59.167	0.00	0.06	0.061	O					0.03
59.250	0.00	0.06	0.061	O					0.03
59.333	0.00	0.06	0.061	O					0.03
59.417	0.00	0.06	0.060	O					0.03
59.500	0.00	0.06	0.060	O					0.03
59.583	0.00	0.05	0.060	O					0.03
59.667	0.00	0.05	0.059	O					0.03
59.750	0.00	0.05	0.059	O					0.03
59.833	0.00	0.05	0.058	O					0.03
59.917	0.00	0.05	0.058	O					0.03
60.000	0.00	0.05	0.058	O					0.03
60.083	0.00	0.05	0.057	O					0.03
60.167	0.00	0.05	0.057	O					0.03
60.250	0.00	0.05	0.057	O					0.03
60.333	0.00	0.05	0.056	O					0.03
60.417	0.00	0.05	0.056	O					0.03
60.500	0.00	0.05	0.055	O					0.03
60.583	0.00	0.05	0.055	O					0.03
60.667	0.00	0.05	0.055	O					0.03
60.750	0.00	0.05	0.054	O					0.03
60.833	0.00	0.05	0.054	O					0.03
60.917	0.00	0.05	0.054	O					0.03
61.000	0.00	0.05	0.053	O					0.03
61.083	0.00	0.05	0.053	O					0.03
61.167	0.00	0.05	0.053	O					0.03
61.250	0.00	0.05	0.052	O					0.03
61.333	0.00	0.05	0.052	O					0.03
61.417	0.00	0.05	0.052	O					0.03
61.500	0.00	0.05	0.051	O					0.03
61.583	0.00	0.05	0.051	O					0.03
61.667	0.00	0.05	0.051	O					0.03
61.750	0.00	0.05	0.050	O					0.03
61.833	0.00	0.05	0.050	O					0.03
61.917	0.00	0.05	0.050	O					0.03
62.000	0.00	0.05	0.049	O					0.03
62.083	0.00	0.05	0.049	O					0.03
62.167	0.00	0.05	0.049	O					0.03

62.250	0.00	0.04	0.049	O				0.02
62.333	0.00	0.04	0.048	O				0.02
62.417	0.00	0.04	0.048	O				0.02
62.500	0.00	0.04	0.048	O				0.02
62.583	0.00	0.04	0.047	O				0.02
62.667	0.00	0.04	0.047	O				0.02
62.750	0.00	0.04	0.047	O				0.02
62.833	0.00	0.04	0.046	O				0.02
62.917	0.00	0.04	0.046	O				0.02
63.000	0.00	0.04	0.046	O				0.02
63.083	0.00	0.04	0.046	O				0.02
63.167	0.00	0.04	0.045	O				0.02
63.250	0.00	0.04	0.045	O				0.02
63.333	0.00	0.04	0.045	O				0.02
63.417	0.00	0.04	0.044	O				0.02
63.500	0.00	0.04	0.044	O				0.02
63.583	0.00	0.04	0.044	O				0.02
63.667	0.00	0.04	0.044	O				0.02
63.750	0.00	0.04	0.043	O				0.02
63.833	0.00	0.04	0.043	O				0.02
63.917	0.00	0.04	0.043	O				0.02
64.000	0.00	0.04	0.042	O				0.02
64.083	0.00	0.04	0.042	O				0.02
64.167	0.00	0.04	0.042	O				0.02
64.250	0.00	0.04	0.042	O				0.02
64.333	0.00	0.04	0.041	O				0.02
64.417	0.00	0.04	0.041	O				0.02
64.500	0.00	0.04	0.041	O				0.02
64.583	0.00	0.04	0.041	O				0.02
64.667	0.00	0.04	0.040	O				0.02
64.750	0.00	0.04	0.040	O				0.02
64.833	0.00	0.04	0.040	O				0.02
64.917	0.00	0.04	0.040	O				0.02
65.000	0.00	0.04	0.039	O				0.02
65.083	0.00	0.04	0.039	O				0.02
65.167	0.00	0.04	0.039	O				0.02
65.250	0.00	0.04	0.039	O				0.02
65.333	0.00	0.04	0.038	O				0.02
65.417	0.00	0.04	0.038	O				0.02
65.500	0.00	0.04	0.038	O				0.02
65.583	0.00	0.03	0.038	O				0.02
65.667	0.00	0.03	0.037	O				0.02
65.750	0.00	0.03	0.037	O				0.02
65.833	0.00	0.03	0.037	O				0.02
65.917	0.00	0.03	0.037	O				0.02
66.000	0.00	0.03	0.036	O				0.02
66.083	0.00	0.03	0.036	O				0.02
66.167	0.00	0.03	0.036	O				0.02
66.250	0.00	0.03	0.036	O				0.02
66.333	0.00	0.03	0.036	O				0.02
66.417	0.00	0.03	0.035	O				0.02
66.500	0.00	0.03	0.035	O				0.02
66.583	0.00	0.03	0.035	O				0.02
66.667	0.00	0.03	0.035	O				0.02
66.750	0.00	0.03	0.034	O				0.02
66.833	0.00	0.03	0.034	O				0.02
66.917	0.00	0.03	0.034	O				0.02
67.000	0.00	0.03	0.034	O				0.02
67.083	0.00	0.03	0.034	O				0.02
67.167	0.00	0.03	0.033	O				0.02
67.250	0.00	0.03	0.033	O				0.02
67.333	0.00	0.03	0.033	O				0.02
67.417	0.00	0.03	0.033	O				0.02

67.500	0.00	0.03	0.033	O				0.02
67.583	0.00	0.03	0.032	O				0.02
67.667	0.00	0.03	0.032	O				0.02
67.750	0.00	0.03	0.032	O				0.02
67.833	0.00	0.03	0.032	O				0.02
67.917	0.00	0.03	0.031	O				0.02
68.000	0.00	0.03	0.031	O				0.02
68.083	0.00	0.03	0.031	O				0.02
68.167	0.00	0.03	0.031	O				0.02
68.250	0.00	0.03	0.031	O				0.02
68.333	0.00	0.03	0.031	O				0.02
68.417	0.00	0.03	0.030	O				0.02
68.500	0.00	0.03	0.030	O				0.02
68.583	0.00	0.03	0.030	O				0.02
68.667	0.00	0.03	0.030	O				0.02
68.750	0.00	0.03	0.030	O				0.02
68.833	0.00	0.03	0.029	O				0.02
68.917	0.00	0.03	0.029	O				0.01
69.000	0.00	0.03	0.029	O				0.01
69.083	0.00	0.03	0.029	O				0.01
69.167	0.00	0.03	0.029	O				0.01
69.250	0.00	0.03	0.028	O				0.01
69.333	0.00	0.03	0.028	O				0.01
69.417	0.00	0.03	0.028	O				0.01
69.500	0.00	0.03	0.028	O				0.01
69.583	0.00	0.03	0.028	O				0.01
69.667	0.00	0.03	0.028	O				0.01
69.750	0.00	0.03	0.027	O				0.01
69.833	0.00	0.03	0.027	O				0.01
69.917	0.00	0.02	0.027	O				0.01
70.000	0.00	0.02	0.027	O				0.01
70.083	0.00	0.02	0.027	O				0.01
70.167	0.00	0.02	0.027	O				0.01
70.250	0.00	0.02	0.026	O				0.01
70.333	0.00	0.02	0.026	O				0.01
70.417	0.00	0.02	0.026	O				0.01
70.500	0.00	0.02	0.026	O				0.01
70.583	0.00	0.02	0.026	O				0.01
70.667	0.00	0.02	0.026	O				0.01
70.750	0.00	0.02	0.025	O				0.01
70.833	0.00	0.02	0.025	O				0.01
70.917	0.00	0.02	0.025	O				0.01
71.000	0.00	0.02	0.025	O				0.01
71.083	0.00	0.02	0.025	O				0.01
71.167	0.00	0.02	0.025	O				0.01
71.250	0.00	0.02	0.024	O				0.01
71.333	0.00	0.02	0.024	O				0.01
71.417	0.00	0.02	0.024	O				0.01
71.500	0.00	0.02	0.024	O				0.01
71.583	0.00	0.02	0.024	O				0.01
71.667	0.00	0.02	0.024	O				0.01
71.750	0.00	0.02	0.024	O				0.01
71.833	0.00	0.02	0.023	O				0.01
71.917	0.00	0.02	0.023	O				0.01
72.000	0.00	0.02	0.023	O				0.01
72.083	0.00	0.02	0.023	O				0.01
72.167	0.00	0.02	0.023	O				0.01
72.250	0.00	0.02	0.023	O				0.01
72.333	0.00	0.02	0.022	O				0.01
72.417	0.00	0.02	0.022	O				0.01
72.500	0.00	0.02	0.022	O				0.01
72.583	0.00	0.02	0.022	O				0.01
72.667	0.00	0.02	0.022	O				0.01

72.750	0.00	0.02	0.022	O				0.01
72.833	0.00	0.02	0.022	O				0.01
72.917	0.00	0.02	0.022	O				0.01
73.000	0.00	0.02	0.021	O				0.01
73.083	0.00	0.02	0.021	O				0.01
73.167	0.00	0.02	0.021	O				0.01
73.250	0.00	0.02	0.021	O				0.01
73.333	0.00	0.02	0.021	O				0.01
73.417	0.00	0.02	0.021	O				0.01
73.500	0.00	0.02	0.021	O				0.01
73.583	0.00	0.02	0.020	O				0.01
73.667	0.00	0.02	0.020	O				0.01
73.750	0.00	0.02	0.020	O				0.01
73.833	0.00	0.02	0.020	O				0.01
73.917	0.00	0.02	0.020	O				0.01
74.000	0.00	0.02	0.020	O				0.01
74.083	0.00	0.02	0.020	O				0.01
74.167	0.00	0.02	0.020	O				0.01
74.250	0.00	0.02	0.019	O				0.01
74.333	0.00	0.02	0.019	O				0.01
74.417	0.00	0.02	0.019	O				0.01
74.500	0.00	0.02	0.019	O				0.01
74.583	0.00	0.02	0.019	O				0.01
74.667	0.00	0.02	0.019	O				0.01
74.750	0.00	0.02	0.019	O				0.01
74.833	0.00	0.02	0.019	O				0.01
74.917	0.00	0.02	0.018	O				0.01
75.000	0.00	0.02	0.018	O				0.01
75.083	0.00	0.02	0.018	O				0.01
75.167	0.00	0.02	0.018	O				0.01
75.250	0.00	0.02	0.018	O				0.01
75.333	0.00	0.02	0.018	O				0.01
75.417	0.00	0.02	0.018	O				0.01
75.500	0.00	0.02	0.018	O				0.01
75.583	0.00	0.02	0.018	O				0.01
75.667	0.00	0.02	0.017	O				0.01
75.750	0.00	0.02	0.017	O				0.01
75.833	0.00	0.02	0.017	O				0.01
75.917	0.00	0.02	0.017	O				0.01
76.000	0.00	0.02	0.017	O				0.01
76.083	0.00	0.02	0.017	O				0.01
76.167	0.00	0.02	0.017	O				0.01
76.250	0.00	0.02	0.017	O				0.01
76.333	0.00	0.02	0.017	O				0.01
76.417	0.00	0.02	0.016	O				0.01
76.500	0.00	0.02	0.016	O				0.01
76.583	0.00	0.02	0.016	O				0.01
76.667	0.00	0.01	0.016	O				0.01
76.750	0.00	0.01	0.016	O				0.01
76.833	0.00	0.01	0.016	O				0.01
76.917	0.00	0.01	0.016	O				0.01
77.000	0.00	0.01	0.016	O				0.01
77.083	0.00	0.01	0.016	O				0.01
77.167	0.00	0.01	0.016	O				0.01
77.250	0.00	0.01	0.015	O				0.01
77.333	0.00	0.01	0.015	O				0.01
77.417	0.00	0.01	0.015	O				0.01
77.500	0.00	0.01	0.015	O				0.01
77.583	0.00	0.01	0.015	O				0.01
77.667	0.00	0.01	0.015	O				0.01
77.750	0.00	0.01	0.015	O				0.01
77.833	0.00	0.01	0.015	O				0.01
77.917	0.00	0.01	0.015	O				0.01

78.000	0.00	0.01	0.015	O					0.01
78.083	0.00	0.01	0.014	O					0.01
78.167	0.00	0.01	0.014	O					0.01
78.250	0.00	0.01	0.014	O					0.01
78.333	0.00	0.01	0.014	O					0.01
78.417	0.00	0.01	0.014	O					0.01
78.500	0.00	0.01	0.014	O					0.01
78.583	0.00	0.01	0.014	O					0.01
78.667	0.00	0.01	0.014	O					0.01
78.750	0.00	0.01	0.014	O					0.01
78.833	0.00	0.01	0.014	O					0.01
78.917	0.00	0.01	0.014	O					0.01
79.000	0.00	0.01	0.014	O					0.01
79.083	0.00	0.01	0.013	O					0.01
79.167	0.00	0.01	0.013	O					0.01
79.250	0.00	0.01	0.013	O					0.01
79.333	0.00	0.01	0.013	O					0.01
79.417	0.00	0.01	0.013	O					0.01
79.500	0.00	0.01	0.013	O					0.01
79.583	0.00	0.01	0.013	O					0.01
79.667	0.00	0.01	0.013	O					0.01
79.750	0.00	0.01	0.013	O					0.01
79.833	0.00	0.01	0.013	O					0.01
79.917	0.00	0.01	0.013	O					0.01
80.000	0.00	0.01	0.013	O					0.01
80.083	0.00	0.01	0.012	O					0.01
80.167	0.00	0.01	0.012	O					0.01
80.250	0.00	0.01	0.012	O					0.01
80.333	0.00	0.01	0.012	O					0.01
80.417	0.00	0.01	0.012	O					0.01
80.500	0.00	0.01	0.012	O					0.01
80.583	0.00	0.01	0.012	O					0.01
80.667	0.00	0.01	0.012	O					0.01
80.750	0.00	0.01	0.012	O					0.01
80.833	0.00	0.01	0.012	O					0.01
80.917	0.00	0.01	0.012	O					0.01
81.000	0.00	0.01	0.012	O					0.01
81.083	0.00	0.01	0.012	O					0.01
81.167	0.00	0.01	0.011	O					0.01
81.250	0.00	0.01	0.011	O					0.01
81.333	0.00	0.01	0.011	O					0.01
81.417	0.00	0.01	0.011	O					0.01
81.500	0.00	0.01	0.011	O					0.01
81.583	0.00	0.01	0.011	O					0.01
81.667	0.00	0.01	0.011	O					0.01
81.750	0.00	0.01	0.011	O					0.01
81.833	0.00	0.01	0.011	O					0.01
81.917	0.00	0.01	0.011	O					0.01
82.000	0.00	0.01	0.011	O					0.01
82.083	0.00	0.01	0.011	O					0.01
82.167	0.00	0.01	0.011	O					0.01
82.250	0.00	0.01	0.011	O					0.01
82.333	0.00	0.01	0.010	O					0.01
82.417	0.00	0.01	0.010	O					0.01
82.500	0.00	0.01	0.010	O					0.01
82.583	0.00	0.01	0.010	O					0.01
82.667	0.00	0.01	0.010	O					0.01
82.750	0.00	0.01	0.010	O					0.01
82.833	0.00	0.01	0.010	O					0.01
82.917	0.00	0.01	0.010	O					0.01
83.000	0.00	0.01	0.010	O					0.01
83.083	0.00	0.01	0.010	O					0.01
83.167	0.00	0.01	0.010	O					0.01

83.250	0.00	0.01	0.010	O					0.01
83.333	0.00	0.01	0.010	O					0.00
83.417	0.00	0.01	0.010	O					0.00
83.500	0.00	0.01	0.010	O					0.00
83.583	0.00	0.01	0.010	O					0.00
83.667	0.00	0.01	0.009	O					0.00
83.750	0.00	0.01	0.009	O					0.00
83.833	0.00	0.01	0.009	O					0.00
83.917	0.00	0.01	0.009	O					0.00
84.000	0.00	0.01	0.009	O					0.00
84.083	0.00	0.01	0.009	O					0.00
84.167	0.00	0.01	0.009	O					0.00
84.250	0.00	0.01	0.009	O					0.00
84.333	0.00	0.01	0.009	O					0.00
84.417	0.00	0.01	0.009	O					0.00
84.500	0.00	0.01	0.009	O					0.00
84.583	0.00	0.01	0.009	O					0.00
84.667	0.00	0.01	0.009	O					0.00
84.750	0.00	0.01	0.009	O					0.00
84.833	0.00	0.01	0.009	O					0.00
84.917	0.00	0.01	0.009	O					0.00
85.000	0.00	0.01	0.009	O					0.00
85.083	0.00	0.01	0.008	O					0.00
85.167	0.00	0.01	0.008	O					0.00
85.250	0.00	0.01	0.008	O					0.00
85.333	0.00	0.01	0.008	O					0.00
85.417	0.00	0.01	0.008	O					0.00
85.500	0.00	0.01	0.008	O					0.00
85.583	0.00	0.01	0.008	O					0.00
85.667	0.00	0.01	0.008	O					0.00
85.750	0.00	0.01	0.008	O					0.00
85.833	0.00	0.01	0.008	O					0.00
85.917	0.00	0.01	0.008	O					0.00
86.000	0.00	0.01	0.008	O					0.00
86.083	0.00	0.01	0.008	O					0.00
86.167	0.00	0.01	0.008	O					0.00
86.250	0.00	0.01	0.008	O					0.00
86.333	0.00	0.01	0.008	O					0.00
86.417	0.00	0.01	0.008	O					0.00
86.500	0.00	0.01	0.008	O					0.00
86.583	0.00	0.01	0.008	O					0.00
86.667	0.00	0.01	0.008	O					0.00
86.750	0.00	0.01	0.007	O					0.00
86.833	0.00	0.01	0.007	O					0.00
86.917	0.00	0.01	0.007	O					0.00
87.000	0.00	0.01	0.007	O					0.00
87.083	0.00	0.01	0.007	O					0.00
87.167	0.00	0.01	0.007	O					0.00
87.250	0.00	0.01	0.007	O					0.00
87.333	0.00	0.01	0.007	O					0.00
87.417	0.00	0.01	0.007	O					0.00
87.500	0.00	0.01	0.007	O					0.00
87.583	0.00	0.01	0.007	O					0.00
87.667	0.00	0.01	0.007	O					0.00
87.750	0.00	0.01	0.007	O					0.00
87.833	0.00	0.01	0.007	O					0.00
87.917	0.00	0.01	0.007	O					0.00
88.000	0.00	0.01	0.007	O					0.00
88.083	0.00	0.01	0.007	O					0.00
88.167	0.00	0.01	0.007	O					0.00
88.250	0.00	0.01	0.007	O					0.00
88.333	0.00	0.01	0.007	O					0.00
88.417	0.00	0.01	0.007	O					0.00

88.500	0.00	0.01	0.007	O					0.00
88.583	0.00	0.01	0.006	O					0.00
88.667	0.00	0.01	0.006	O					0.00
88.750	0.00	0.01	0.006	O					0.00
88.833	0.00	0.01	0.006	O					0.00
88.917	0.00	0.01	0.006	O					0.00
89.000	0.00	0.01	0.006	O					0.00
89.083	0.00	0.01	0.006	O					0.00
89.167	0.00	0.01	0.006	O					0.00
89.250	0.00	0.01	0.006	O					0.00
89.333	0.00	0.01	0.006	O					0.00
89.417	0.00	0.01	0.006	O					0.00
89.500	0.00	0.01	0.006	O					0.00
89.583	0.00	0.01	0.006	O					0.00
89.667	0.00	0.01	0.006	O					0.00
89.750	0.00	0.01	0.006	O					0.00
89.833	0.00	0.01	0.006	O					0.00
89.917	0.00	0.01	0.006	O					0.00
90.000	0.00	0.01	0.006	O					0.00
90.083	0.00	0.01	0.006	O					0.00
90.167	0.00	0.01	0.006	O					0.00
90.250	0.00	0.01	0.006	O					0.00
90.333	0.00	0.01	0.006	O					0.00
90.417	0.00	0.01	0.006	O					0.00
90.500	0.00	0.01	0.006	O					0.00
90.583	0.00	0.01	0.006	O					0.00
90.667	0.00	0.01	0.006	O					0.00
90.750	0.00	0.01	0.006	O					0.00
90.833	0.00	0.01	0.005	O					0.00
90.917	0.00	0.01	0.005	O					0.00
91.000	0.00	0.00	0.005	O					0.00
91.083	0.00	0.00	0.005	O					0.00
91.167	0.00	0.00	0.005	O					0.00
91.250	0.00	0.00	0.005	O					0.00
91.333	0.00	0.00	0.005	O					0.00
91.417	0.00	0.00	0.005	O					0.00
91.500	0.00	0.00	0.005	O					0.00
91.583	0.00	0.00	0.005	O					0.00
91.667	0.00	0.00	0.005	O					0.00
91.750	0.00	0.00	0.005	O					0.00
91.833	0.00	0.00	0.005	O					0.00
91.917	0.00	0.00	0.005	O					0.00
92.000	0.00	0.00	0.005	O					0.00
92.083	0.00	0.00	0.005	O					0.00
92.167	0.00	0.00	0.005	O					0.00
92.250	0.00	0.00	0.005	O					0.00
92.333	0.00	0.00	0.005	O					0.00
92.417	0.00	0.00	0.005	O					0.00
92.500	0.00	0.00	0.005	O					0.00
92.583	0.00	0.00	0.005	O					0.00
92.667	0.00	0.00	0.005	O					0.00
92.750	0.00	0.00	0.005	O					0.00
92.833	0.00	0.00	0.005	O					0.00
92.917	0.00	0.00	0.005	O					0.00
93.000	0.00	0.00	0.005	O					0.00
93.083	0.00	0.00	0.005	O					0.00
93.167	0.00	0.00	0.005	O					0.00
93.250	0.00	0.00	0.005	O					0.00
93.333	0.00	0.00	0.005	O					0.00
93.417	0.00	0.00	0.004	O					0.00
93.500	0.00	0.00	0.004	O					0.00
93.583	0.00	0.00	0.004	O					0.00
93.667	0.00	0.00	0.004	O					0.00

93.750	0.00	0.00	0.004	O					0.00
93.833	0.00	0.00	0.004	O					0.00
93.917	0.00	0.00	0.004	O					0.00
94.000	0.00	0.00	0.004	O					0.00
94.083	0.00	0.00	0.004	O					0.00
94.167	0.00	0.00	0.004	O					0.00
94.250	0.00	0.00	0.004	O					0.00
94.333	0.00	0.00	0.004	O					0.00
94.417	0.00	0.00	0.004	O					0.00
94.500	0.00	0.00	0.004	O					0.00
94.583	0.00	0.00	0.004	O					0.00
94.667	0.00	0.00	0.004	O					0.00
94.750	0.00	0.00	0.004	O					0.00
94.833	0.00	0.00	0.004	O					0.00
94.917	0.00	0.00	0.004	O					0.00
95.000	0.00	0.00	0.004	O					0.00
95.083	0.00	0.00	0.004	O					0.00
95.167	0.00	0.00	0.004	O					0.00
95.250	0.00	0.00	0.004	O					0.00
95.333	0.00	0.00	0.004	O					0.00
95.417	0.00	0.00	0.004	O					0.00
95.500	0.00	0.00	0.004	O					0.00
95.583	0.00	0.00	0.004	O					0.00
95.667	0.00	0.00	0.004	O					0.00
95.750	0.00	0.00	0.004	O					0.00
95.833	0.00	0.00	0.004	O					0.00
95.917	0.00	0.00	0.004	O					0.00
96.000	0.00	0.00	0.004	O					0.00
96.083	0.00	0.00	0.004	O					0.00
96.167	0.00	0.00	0.004	O					0.00
96.250	0.00	0.00	0.004	O					0.00
96.333	0.00	0.00	0.004	O					0.00
96.417	0.00	0.00	0.004	O					0.00
96.500	0.00	0.00	0.004	O					0.00
96.583	0.00	0.00	0.004	O					0.00
96.667	0.00	0.00	0.004	O					0.00
96.750	0.00	0.00	0.003	O					0.00
96.833	0.00	0.00	0.003	O					0.00
96.917	0.00	0.00	0.003	O					0.00
97.000	0.00	0.00	0.003	O					0.00
97.083	0.00	0.00	0.003	O					0.00
97.167	0.00	0.00	0.003	O					0.00
97.250	0.00	0.00	0.003	O					0.00
97.333	0.00	0.00	0.003	O					0.00
97.417	0.00	0.00	0.003	O					0.00
97.500	0.00	0.00	0.003	O					0.00
97.583	0.00	0.00	0.003	O					0.00
97.667	0.00	0.00	0.003	O					0.00
97.750	0.00	0.00	0.003	O					0.00
97.833	0.00	0.00	0.003	O					0.00
97.917	0.00	0.00	0.003	O					0.00
98.000	0.00	0.00	0.003	O					0.00
98.083	0.00	0.00	0.003	O					0.00
98.167	0.00	0.00	0.003	O					0.00
98.250	0.00	0.00	0.003	O					0.00
98.333	0.00	0.00	0.003	O					0.00
98.417	0.00	0.00	0.003	O					0.00
98.500	0.00	0.00	0.003	O					0.00
98.583	0.00	0.00	0.003	O					0.00
98.667	0.00	0.00	0.003	O					0.00
98.750	0.00	0.00	0.003	O					0.00
98.833	0.00	0.00	0.003	O					0.00
98.917	0.00	0.00	0.003	O					0.00

99.000	0.00	0.00	0.003	O					0.00
99.083	0.00	0.00	0.003	O					0.00
99.167	0.00	0.00	0.003	O					0.00
99.250	0.00	0.00	0.003	O					0.00
99.333	0.00	0.00	0.003	O					0.00
99.417	0.00	0.00	0.003	O					0.00
99.500	0.00	0.00	0.003	O					0.00
99.583	0.00	0.00	0.003	O					0.00
99.667	0.00	0.00	0.003	O					0.00
99.750	0.00	0.00	0.003	O					0.00
99.833	0.00	0.00	0.003	O					0.00
99.917	0.00	0.00	0.003	O					0.00
100.000	0.00	0.00	0.003	O					0.00
100.083	0.00	0.00	0.003	O					0.00
100.167	0.00	0.00	0.003	O					0.00
100.250	0.00	0.00	0.003	O					0.00
100.333	0.00	0.00	0.003	O					0.00
100.417	0.00	0.00	0.003	O					0.00
100.500	0.00	0.00	0.003	O					0.00
100.583	0.00	0.00	0.003	O					0.00
100.667	0.00	0.00	0.003	O					0.00
100.750	0.00	0.00	0.003	O					0.00
100.833	0.00	0.00	0.003	O					0.00
100.917	0.00	0.00	0.003	O					0.00
101.000	0.00	0.00	0.003	O					0.00
101.083	0.00	0.00	0.003	O					0.00
101.167	0.00	0.00	0.002	O					0.00
101.250	0.00	0.00	0.002	O					0.00
101.333	0.00	0.00	0.002	O					0.00
101.417	0.00	0.00	0.002	O					0.00
101.500	0.00	0.00	0.002	O					0.00
101.583	0.00	0.00	0.002	O					0.00
101.667	0.00	0.00	0.002	O					0.00
101.750	0.00	0.00	0.002	O					0.00
101.833	0.00	0.00	0.002	O					0.00
101.917	0.00	0.00	0.002	O					0.00
102.000	0.00	0.00	0.002	O					0.00
102.083	0.00	0.00	0.002	O					0.00
102.167	0.00	0.00	0.002	O					0.00
102.250	0.00	0.00	0.002	O					0.00
102.333	0.00	0.00	0.002	O					0.00
102.417	0.00	0.00	0.002	O					0.00
102.500	0.00	0.00	0.002	O					0.00
102.583	0.00	0.00	0.002	O					0.00
102.667	0.00	0.00	0.002	O					0.00
102.750	0.00	0.00	0.002	O					0.00
102.833	0.00	0.00	0.002	O					0.00
102.917	0.00	0.00	0.002	O					0.00
103.000	0.00	0.00	0.002	O					0.00
103.083	0.00	0.00	0.002	O					0.00
103.167	0.00	0.00	0.002	O					0.00
103.250	0.00	0.00	0.002	O					0.00
103.333	0.00	0.00	0.002	O					0.00
103.417	0.00	0.00	0.002	O					0.00
103.500	0.00	0.00	0.002	O					0.00
103.583	0.00	0.00	0.002	O					0.00
103.667	0.00	0.00	0.002	O					0.00
103.750	0.00	0.00	0.002	O					0.00
103.833	0.00	0.00	0.002	O					0.00
103.917	0.00	0.00	0.002	O					0.00
104.000	0.00	0.00	0.002	O					0.00
104.083	0.00	0.00	0.002	O					0.00
104.167	0.00	0.00	0.002	O					0.00

```
104.250    0.00    0.00      0.002  O       |       |       |       |     0.00
104.333    0.00    0.00      0.002  O       |       |       |       |     0.00
104.417    0.00    0.00      0.002  O       |       |       |       |     0.00


      Remaining water in basin =    0.00 (Ac.Ft)


      ****************************HYDROGRAPH DATA****************************
                   Number of intervals =  1253
                   Time interval =    5.0 (Min.)
                   Maximum/Peak flow rate =        1.952 (CFS)
                   Total volume =       3.882 (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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                FLOOD HYDROGRAPH ROUTING PROGRAM
          Copyright (c) CIVILCADD/CIVILDESIGN, 1989 - 2005
                     Study date: 04/03/24

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Keller Crossing, Tr. 38163
WQ - Detention Basin Routing Area C onsite
Detention Basin C full with DCV at 1426
2-year 6-hour storm Inflow Hydrograph


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


Program License Serial Number 4029

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

             From study/file name: 907hydc2pr62.rte
****************************HYDROGRAPH DATA*****************************
             Number of intervals =    80
             Time interval =    5.0 (Min.)
             Maximum/Peak flow rate =       31.285 (CFS)
             Total volume =       4.731 (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       10.000 to Point/Station       11.000
**** RETARDING BASIN ROUTING ****
________________________________________________________________________

User entry of depth-outflow-storage data
------------------------------------------------------------------------
Total number of inflow hydrograph intervals = 80
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  Storage    Outflow   (S-O*dt/2)   (S+O*dt/2)
     (Ft.)    (Ac.Ft)    (CFS)     (Ac.Ft)    (Ac.Ft)
------------------------------------------------------------------------
   0.000      0.000      0.000      0.000        0.000
   1.000      1.948      1.800      1.942        1.954
   2.000      4.304      2.020      4.297        4.311
   3.000      7.054      3.480      7.042        7.066
   4.000     10.094     49.260      9.924       10.264
   4.500     11.710     87.250     11.410       12.010
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5.000	13.325	331.310	12.184	14.466
6.000	16.754	1244.540	12.468	21.040

Hydrograph Detention Basin Routing

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

Time (Hours)	Inflow (CFS)	Outflow (CFS)	Storage (Ac.Ft)	.0 7.8 15.64 23.46 31.29	Depth (Ft.)
0.083	0.59	0.00	0.002	O | | | |	0.00
0.167	2.34	0.01	0.012	O I | | | |	0.01
0.250	3.24	0.03	0.031	O I | | | |	0.02
0.333	3.61	0.05	0.054	O I | | | |	0.03
0.417	3.81	0.07	0.080	O I | | | |	0.04
0.500	4.05	0.10	0.106	O I | | | |	0.05
0.583	4.46	0.12	0.135	O I | | | |	0.07
0.667	4.62	0.15	0.165	O I | | | |	0.08
0.750	4.72	0.18	0.196	O I | | | |	0.10
0.833	4.75	0.21	0.227	O I | | | |	0.12
0.917	4.77	0.24	0.258	O I | | | |	0.13
1.000	4.90	0.27	0.290	O I | | | |	0.15
1.083	5.24	0.30	0.323	O I | | | |	0.17
1.167	5.36	0.33	0.357	O I | | | |	0.18
1.250	5.41	0.36	0.392	O I | | | |	0.20
1.333	5.44	0.39	0.427	O I | | | |	0.22
1.417	5.46	0.43	0.461	O I | | | |	0.24
1.500	5.47	0.46	0.496	O I | | | |	0.25
1.583	5.48	0.49	0.530	O I | | | |	0.27
1.667	5.49	0.52	0.565	O I | | | |	0.29
1.750	5.49	0.55	0.599	O I | | | |	0.31
1.833	5.49	0.58	0.633	O I | | | |	0.32
1.917	5.49	0.62	0.666	O I | | | |	0.34
2.000	5.60	0.65	0.700	O I | | | |	0.36
2.083	5.81	0.68	0.735	O I | | | |	0.38
2.167	5.72	0.71	0.770	O I | | | |	0.40
2.250	5.98	0.74	0.805	O I | | | |	0.41
2.333	6.07	0.78	0.841	O I | | | |	0.43
2.417	6.11	0.81	0.878	O I | | | |	0.45
2.500	6.14	0.84	0.914	O I | | | |	0.47
2.583	6.15	0.88	0.951	O I | | | |	0.49
2.667	6.16	0.91	0.987	O I | | | |	0.51
2.750	6.28	0.95	1.023	O I | | | |	0.53
2.833	6.62	0.98	1.061	|O I | | | |	0.54
2.917	6.73	1.02	1.100	|O I | | | |	0.56
3.000	6.78	1.05	1.140	|O I | | | |	0.59
3.083	6.81	1.09	1.179	|O I | | | |	0.61
3.167	6.95	1.13	1.219	|O I| | | |	0.63
3.250	7.29	1.16	1.260	|O I| | | |	0.65
3.333	7.41	1.20	1.302	|O I| | | |	0.67
3.417	7.58	1.24	1.346	|O I| | | |	0.69
3.500	8.06	1.29	1.391	|O I | | |	0.71
3.583	8.64	1.33	1.439	|O I | | |	0.74
3.667	9.14	1.38	1.491	|O |I | | |	0.77
3.750	9.46	1.43	1.546	|O |I | | |	0.79
3.833	9.90	1.48	1.602	|O | I | | |	0.82
3.917	10.19	1.53	1.661	|O | I | | |	0.85
4.000	10.61	1.59	1.722	|O | I | | |	0.88
4.083	10.89	1.65	1.785	|O | I | |	0.92
4.167	11.42	1.71	1.850	|O | I | |	0.95
4.250	12.03	1.77	1.919	|O | I | |	0.98
4.333	12.67	1.80	1.991	|O | I | |	1.02
4.417	13.33	1.81	2.069	|O | I | |	1.05

4.500	13.88	1.82	2.150	|O	|	I |	|	|	1.09
4.583	14.23	1.83	2.234	|O	|	I |	|	|	1.12
4.667	14.79	1.83	2.321	|O	|	I|	|	|	1.16
4.750	15.43	1.84	2.413	|O	|	I|	|	|	1.20
4.833	15.96	1.85	2.508	|O	|	I	|	|	1.24
4.917	16.30	1.86	2.606	|O	|	I	|	|	1.28
5.000	16.86	1.87	2.708	|O	|	|I	|	|	1.32
5.083	17.96	1.88	2.815	|O	|	| I	|	|	1.37
5.167	20.39	1.89	2.934	|O	|	| I	|	|	1.42
5.250	23.05	1.90	3.070	|O	|	| I|	|	1.48
5.333	25.28	1.92	3.224	|O	|	| |I	|	1.54
5.417	27.63	1.93	3.392	|O	|	| I	|	1.61
5.500	31.29	1.95	3.582	|O	|	| I	|	1.69
5.583	31.23	1.97	3.784	| O	|	| I|	|	1.78
5.667	19.15	1.99	3.944	| O	|	| I	|	|	1.85
5.750	11.93	2.00	4.037	| O	| I	|	|	|	1.89
5.833	8.21	2.00	4.092	| O	I |	|	|	|	1.91
5.917	5.97	2.00	4.127	| O I	|	|	|	|	1.93
6.000	4.10	2.01	4.148	| O I	|	|	|	|	1.93
6.083	2.61	2.01	4.158	| O	|	|	|	|	1.94
6.167	1.30	2.01	4.157	|IO	|	|	|	|	1.94
6.250	0.56	2.01	4.150	I O	|	|	|	|	1.93
6.333	0.29	2.00	4.139	I O	|	|	|	|	1.93
6.417	0.16	2.00	4.127	I O	|	|	|	|	1.92
6.500	0.08	2.00	4.114	I O	|	|	|	|	1.92
6.583	0.04	2.00	4.100	I O	|	|	|	|	1.91
6.667	0.01	2.00	4.087	I O	|	|	|	|	1.91
6.750	0.00	2.00	4.073	I O	|	|	|	|	1.90
6.833	0.00	2.00	4.059	I O	|	|	|	|	1.90
6.917	0.00	2.00	4.046	I O	|	|	|	|	1.89
7.000	0.00	1.99	4.032	I O	|	|	|	|	1.88
7.083	0.00	1.99	4.018	I O	|	|	|	|	1.88
7.167	0.00	1.99	4.004	I O	|	|	|	|	1.87
7.250	0.00	1.99	3.991	I O	|	|	|	|	1.87
7.333	0.00	1.99	3.977	I O	|	|	|	|	1.86
7.417	0.00	1.99	3.963	I O	|	|	|	|	1.86
7.500	0.00	1.99	3.950	I O	|	|	|	|	1.85
7.583	0.00	1.99	3.936	I O	|	|	|	|	1.84
7.667	0.00	1.98	3.922	I O	|	|	|	|	1.84
7.750	0.00	1.98	3.909	I O	|	|	|	|	1.83
7.833	0.00	1.98	3.895	I O	|	|	|	|	1.83
7.917	0.00	1.98	3.881	I O	|	|	|	|	1.82
8.000	0.00	1.98	3.868	I O	|	|	|	|	1.81
8.083	0.00	1.98	3.854	I O	|	|	|	|	1.81
8.167	0.00	1.98	3.840	I O	|	|	|	|	1.80
8.250	0.00	1.98	3.827	I O	|	|	|	|	1.80
8.333	0.00	1.97	3.813	I O	|	|	|	|	1.79
8.417	0.00	1.97	3.800	I O	|	|	|	|	1.79
8.500	0.00	1.97	3.786	I O	|	|	|	|	1.78
8.583	0.00	1.97	3.772	I O	|	|	|	|	1.77
8.667	0.00	1.97	3.759	I O	|	|	|	|	1.77
8.750	0.00	1.97	3.745	I O	|	|	|	|	1.76
8.833	0.00	1.97	3.732	I O	|	|	|	|	1.76
8.917	0.00	1.97	3.718	I O	|	|	|	|	1.75
9.000	0.00	1.96	3.705	I O	|	|	|	|	1.75
9.083	0.00	1.96	3.691	I O	|	|	|	|	1.74
9.167	0.00	1.96	3.678	I O	|	|	|	|	1.73
9.250	0.00	1.96	3.664	I O	|	|	|	|	1.73
9.333	0.00	1.96	3.651	I O	|	|	|	|	1.72
9.417	0.00	1.96	3.637	I O	|	|	|	|	1.72
9.500	0.00	1.96	3.624	I O	|	|	|	|	1.71
9.583	0.00	1.96	3.610	IO	|	|	|	|	1.71
9.667	0.00	1.95	3.597	IO	|	|	|	|	1.70

9.750	0.00	1.95	3.583	IO				1.69
9.833	0.00	1.95	3.570	IO				1.69
9.917	0.00	1.95	3.556	IO				1.68
10.000	0.00	1.95	3.543	IO				1.68
10.083	0.00	1.95	3.530	IO				1.67
10.167	0.00	1.95	3.516	IO				1.67
10.250	0.00	1.95	3.503	IO				1.66
10.333	0.00	1.94	3.489	IO				1.65
10.417	0.00	1.94	3.476	IO				1.65
10.500	0.00	1.94	3.463	IO				1.64
10.583	0.00	1.94	3.449	IO				1.64
10.667	0.00	1.94	3.436	IO				1.63
10.750	0.00	1.94	3.423	IO				1.63
10.833	0.00	1.94	3.409	IO				1.62
10.917	0.00	1.94	3.396	IO				1.61
11.000	0.00	1.93	3.383	IO				1.61
11.083	0.00	1.93	3.369	IO				1.60
11.167	0.00	1.93	3.356	IO				1.60
11.250	0.00	1.93	3.343	IO				1.59
11.333	0.00	1.93	3.329	IO				1.59
11.417	0.00	1.93	3.316	IO				1.58
11.500	0.00	1.93	3.303	IO				1.58
11.583	0.00	1.93	3.290	IO				1.57
11.667	0.00	1.92	3.276	IO				1.56
11.750	0.00	1.92	3.263	IO				1.56
11.833	0.00	1.92	3.250	IO				1.55
11.917	0.00	1.92	3.237	IO				1.55
12.000	0.00	1.92	3.223	IO				1.54
12.083	0.00	1.92	3.210	IO				1.54
12.167	0.00	1.92	3.197	IO				1.53
12.250	0.00	1.92	3.184	IO				1.52
12.333	0.00	1.91	3.171	IO				1.52
12.417	0.00	1.91	3.157	IO				1.51
12.500	0.00	1.91	3.144	IO				1.51
12.583	0.00	1.91	3.131	IO				1.50
12.667	0.00	1.91	3.118	IO				1.50
12.750	0.00	1.91	3.105	IO				1.49
12.833	0.00	1.91	3.092	IO				1.49
12.917	0.00	1.91	3.078	IO				1.48
13.000	0.00	1.90	3.065	IO				1.47
13.083	0.00	1.90	3.052	IO				1.47
13.167	0.00	1.90	3.039	IO				1.46
13.250	0.00	1.90	3.026	IO				1.46
13.333	0.00	1.90	3.013	IO				1.45
13.417	0.00	1.90	3.000	IO				1.45
13.500	0.00	1.90	2.987	IO				1.44
13.583	0.00	1.90	2.974	IO				1.44
13.667	0.00	1.89	2.961	IO				1.43
13.750	0.00	1.89	2.948	IO				1.42
13.833	0.00	1.89	2.935	IO				1.42
13.917	0.00	1.89	2.922	IO				1.41
14.000	0.00	1.89	2.909	IO				1.41
14.083	0.00	1.89	2.896	IO				1.40
14.167	0.00	1.89	2.883	IO				1.40
14.250	0.00	1.89	2.870	IO				1.39
14.333	0.00	1.88	2.857	IO				1.39
14.417	0.00	1.88	2.844	IO				1.38
14.500	0.00	1.88	2.831	IO				1.37
14.583	0.00	1.88	2.818	IO				1.37
14.667	0.00	1.88	2.805	IO				1.36
14.750	0.00	1.88	2.792	IO				1.36
14.833	0.00	1.88	2.779	IO				1.35
14.917	0.00	1.88	2.766	IO				1.35

15.000	0.00	1.88	2.753	IO				1.34
15.083	0.00	1.87	2.740	IO				1.34
15.167	0.00	1.87	2.727	IO				1.33
15.250	0.00	1.87	2.714	IO				1.33
15.333	0.00	1.87	2.701	IO				1.32
15.417	0.00	1.87	2.689	IO				1.31
15.500	0.00	1.87	2.676	IO				1.31
15.583	0.00	1.87	2.663	IO				1.30
15.667	0.00	1.87	2.650	IO				1.30
15.750	0.00	1.86	2.637	IO				1.29
15.833	0.00	1.86	2.624	IO				1.29
15.917	0.00	1.86	2.611	IO				1.28
16.000	0.00	1.86	2.599	IO				1.28
16.083	0.00	1.86	2.586	IO				1.27
16.167	0.00	1.86	2.573	IO				1.27
16.250	0.00	1.86	2.560	IO				1.26
16.333	0.00	1.86	2.547	IO				1.25
16.417	0.00	1.85	2.535	IO				1.25
16.500	0.00	1.85	2.522	IO				1.24
16.583	0.00	1.85	2.509	IO				1.24
16.667	0.00	1.85	2.496	IO				1.23
16.750	0.00	1.85	2.484	IO				1.23
16.833	0.00	1.85	2.471	IO				1.22
16.917	0.00	1.85	2.458	IO				1.22
17.000	0.00	1.85	2.445	IO				1.21
17.083	0.00	1.85	2.433	IO				1.21
17.167	0.00	1.84	2.420	IO				1.20
17.250	0.00	1.84	2.407	IO				1.19
17.333	0.00	1.84	2.395	IO				1.19
17.417	0.00	1.84	2.382	IO				1.18
17.500	0.00	1.84	2.369	IO				1.18
17.583	0.00	1.84	2.357	IO				1.17
17.667	0.00	1.84	2.344	IO				1.17
17.750	0.00	1.84	2.331	IO				1.16
17.833	0.00	1.83	2.319	IO				1.16
17.917	0.00	1.83	2.306	IO				1.15
18.000	0.00	1.83	2.293	IO				1.15
18.083	0.00	1.83	2.281	IO				1.14
18.167	0.00	1.83	2.268	IO				1.14
18.250	0.00	1.83	2.256	IO				1.13
18.333	0.00	1.83	2.243	IO				1.13
18.417	0.00	1.83	2.230	IO				1.12
18.500	0.00	1.83	2.218	IO				1.11
18.583	0.00	1.82	2.205	IO				1.11
18.667	0.00	1.82	2.193	IO				1.10
18.750	0.00	1.82	2.180	IO				1.10
18.833	0.00	1.82	2.168	IO				1.09
18.917	0.00	1.82	2.155	IO				1.09
19.000	0.00	1.82	2.143	IO				1.08
19.083	0.00	1.82	2.130	IO				1.08
19.167	0.00	1.82	2.118	IO				1.07
19.250	0.00	1.81	2.105	IO				1.07
19.333	0.00	1.81	2.093	IO				1.06
19.417	0.00	1.81	2.080	IO				1.06
19.500	0.00	1.81	2.068	IO				1.05
19.583	0.00	1.81	2.055	IO				1.05
19.667	0.00	1.81	2.043	IO				1.04
19.750	0.00	1.81	2.030	IO				1.03
19.833	0.00	1.81	2.018	IO				1.03
19.917	0.00	1.81	2.005	IO				1.02
20.000	0.00	1.80	1.993	IO				1.02
20.083	0.00	1.80	1.980	IO				1.01
20.167	0.00	1.80	1.968	IO				1.01

20.250	0.00	1.80	1.956	IO				1.00
20.333	0.00	1.80	1.943	IO				1.00
20.417	0.00	1.78	1.931	IO				0.99
20.500	0.00	1.77	1.919	IO				0.98
20.583	0.00	1.76	1.907	IO				0.98
20.667	0.00	1.75	1.894	IO				0.97
20.750	0.00	1.74	1.882	IO				0.97
20.833	0.00	1.73	1.870	IO				0.96
20.917	0.00	1.72	1.859	IO				0.95
21.000	0.00	1.71	1.847	IO				0.95
21.083	0.00	1.70	1.835	IO				0.94
21.167	0.00	1.68	1.823	IO				0.94
21.250	0.00	1.67	1.812	IO				0.93
21.333	0.00	1.66	1.800	IO				0.92
21.417	0.00	1.65	1.789	IO				0.92
21.500	0.00	1.64	1.778	IO				0.91
21.583	0.00	1.63	1.766	IO				0.91
21.667	0.00	1.62	1.755	IO				0.90
21.750	0.00	1.61	1.744	IO				0.90
21.833	0.00	1.60	1.733	IO				0.89
21.917	0.00	1.59	1.722	IO				0.88
22.000	0.00	1.58	1.711	IO				0.88
22.083	0.00	1.57	1.700	IO				0.87
22.167	0.00	1.56	1.689	IO				0.87
22.250	0.00	1.55	1.679	IO				0.86
22.333	0.00	1.54	1.668	IO				0.86
22.417	0.00	1.53	1.657	IO				0.85
22.500	0.00	1.52	1.647	IO				0.85
22.583	0.00	1.51	1.636	IO				0.84
22.667	0.00	1.50	1.626	IO				0.83
22.750	0.00	1.49	1.616	IO				0.83
22.833	0.00	1.48	1.606	IO				0.82
22.917	0.00	1.47	1.595	IO				0.82
23.000	0.00	1.46	1.585	IO				0.81
23.083	0.00	1.46	1.575	IO				0.81
23.167	0.00	1.45	1.565	IO				0.80
23.250	0.00	1.44	1.555	IO				0.80
23.333	0.00	1.43	1.545	IO				0.79
23.417	0.00	1.42	1.536	IO				0.79
23.500	0.00	1.41	1.526	IO				0.78
23.583	0.00	1.40	1.516	IO				0.78
23.667	0.00	1.39	1.507	IO				0.77
23.750	0.00	1.38	1.497	IO				0.77
23.833	0.00	1.37	1.487	IO				0.76
23.917	0.00	1.37	1.478	IO				0.76
24.000	0.00	1.36	1.469	IO				0.75
24.083	0.00	1.35	1.459	IO				0.75
24.167	0.00	1.34	1.450	IO				0.74
24.250	0.00	1.33	1.441	IO				0.74
24.333	0.00	1.32	1.432	IO				0.73
24.417	0.00	1.31	1.423	IO				0.73
24.500	0.00	1.31	1.414	IO				0.73
24.583	0.00	1.30	1.405	IO				0.72
24.667	0.00	1.29	1.396	IO				0.72
24.750	0.00	1.28	1.387	IO				0.71
24.833	0.00	1.27	1.378	IO				0.71
24.917	0.00	1.27	1.369	IO				0.70
25.000	0.00	1.26	1.361	IO				0.70
25.083	0.00	1.25	1.352	IO				0.69
25.167	0.00	1.24	1.343	IO				0.69
25.250	0.00	1.23	1.335	IO				0.69
25.333	0.00	1.23	1.326	IO				0.68
25.417	0.00	1.22	1.318	IO				0.68

25.500	0.00	1.21	1.310	IO				0.67
25.583	0.00	1.20	1.301	IO				0.67
25.667	0.00	1.19	1.293	IO				0.66
25.750	0.00	1.19	1.285	IO				0.66
25.833	0.00	1.18	1.277	IO				0.66
25.917	0.00	1.17	1.269	IO				0.65
26.000	0.00	1.16	1.261	IO				0.65
26.083	0.00	1.16	1.253	IO				0.64
26.167	0.00	1.15	1.245	IO				0.64
26.250	0.00	1.14	1.237	IO				0.63
26.333	0.00	1.14	1.229	IO				0.63
26.417	0.00	1.13	1.221	IO				0.63
26.500	0.00	1.12	1.213	IO				0.62
26.583	0.00	1.11	1.206	IO				0.62
26.667	0.00	1.11	1.198	IO				0.62
26.750	0.00	1.10	1.190	IO				0.61
26.833	0.00	1.09	1.183	IO				0.61
26.917	0.00	1.09	1.175	IO				0.60
27.000	0.00	1.08	1.168	IO				0.60
27.083	0.00	1.07	1.161	IO				0.60
27.167	0.00	1.07	1.153	IO				0.59
27.250	0.00	1.06	1.146	IO				0.59
27.333	0.00	1.05	1.139	IO				0.58
27.417	0.00	1.05	1.131	IO				0.58
27.500	0.00	1.04	1.124	IO				0.58
27.583	0.00	1.03	1.117	IO				0.57
27.667	0.00	1.03	1.110	IO				0.57
27.750	0.00	1.02	1.103	IO				0.57
27.833	0.00	1.01	1.096	IO				0.56
27.917	0.00	1.01	1.089	IO				0.56
28.000	0.00	1.00	1.082	IO				0.56
28.083	0.00	0.99	1.075	IO				0.55
28.167	0.00	0.99	1.068	IO				0.55
28.250	0.00	0.98	1.062	IO				0.54
28.333	0.00	0.97	1.055	O				0.54
28.417	0.00	0.97	1.048	O				0.54
28.500	0.00	0.96	1.042	O				0.53
28.583	0.00	0.96	1.035	O				0.53
28.667	0.00	0.95	1.028	O				0.53
28.750	0.00	0.94	1.022	O				0.52
28.833	0.00	0.94	1.015	O				0.52
28.917	0.00	0.93	1.009	O				0.52
29.000	0.00	0.93	1.003	O				0.51
29.083	0.00	0.92	0.996	O				0.51
29.167	0.00	0.91	0.990	O				0.51
29.250	0.00	0.91	0.984	O				0.50
29.333	0.00	0.90	0.977	O				0.50
29.417	0.00	0.90	0.971	O				0.50
29.500	0.00	0.89	0.965	O				0.50
29.583	0.00	0.89	0.959	O				0.49
29.667	0.00	0.88	0.953	O				0.49
29.750	0.00	0.87	0.947	O				0.49
29.833	0.00	0.87	0.941	O				0.48
29.917	0.00	0.86	0.935	O				0.48
30.000	0.00	0.86	0.929	O				0.48
30.083	0.00	0.85	0.923	O				0.47
30.167	0.00	0.85	0.917	O				0.47
30.250	0.00	0.84	0.911	O				0.47
30.333	0.00	0.84	0.905	O				0.46
30.417	0.00	0.83	0.900	O				0.46
30.500	0.00	0.83	0.894	O				0.46
30.583	0.00	0.82	0.888	O				0.46
30.667	0.00	0.82	0.883	O				0.45

30.750	0.00	0.81	0.877	O				0.45
30.833	0.00	0.81	0.872	O				0.45
30.917	0.00	0.80	0.866	O				0.44
31.000	0.00	0.80	0.861	O				0.44
31.083	0.00	0.79	0.855	O				0.44
31.167	0.00	0.79	0.850	O				0.44
31.250	0.00	0.78	0.844	O				0.43
31.333	0.00	0.78	0.839	O				0.43
31.417	0.00	0.77	0.834	O				0.43
31.500	0.00	0.77	0.828	O				0.43
31.583	0.00	0.76	0.823	O				0.42
31.667	0.00	0.76	0.818	O				0.42
31.750	0.00	0.75	0.813	O				0.42
31.833	0.00	0.75	0.807	O				0.41
31.917	0.00	0.74	0.802	O				0.41
32.000	0.00	0.74	0.797	O				0.41
32.083	0.00	0.73	0.792	O				0.41
32.167	0.00	0.73	0.787	O				0.40
32.250	0.00	0.72	0.782	O				0.40
32.333	0.00	0.72	0.777	O				0.40
32.417	0.00	0.71	0.772	O				0.40
32.500	0.00	0.71	0.767	O				0.39
32.583	0.00	0.70	0.763	O				0.39
32.667	0.00	0.70	0.758	O				0.39
32.750	0.00	0.70	0.753	O				0.39
32.833	0.00	0.69	0.748	O				0.38
32.917	0.00	0.69	0.743	O				0.38
33.000	0.00	0.68	0.739	O				0.38
33.083	0.00	0.68	0.734	O				0.38
33.167	0.00	0.67	0.729	O				0.37
33.250	0.00	0.67	0.725	O				0.37
33.333	0.00	0.67	0.720	O				0.37
33.417	0.00	0.66	0.716	O				0.37
33.500	0.00	0.66	0.711	O				0.36
33.583	0.00	0.65	0.706	O				0.36
33.667	0.00	0.65	0.702	O				0.36
33.750	0.00	0.64	0.698	O				0.36
33.833	0.00	0.64	0.693	O				0.36
33.917	0.00	0.64	0.689	O				0.35
34.000	0.00	0.63	0.684	O				0.35
34.083	0.00	0.63	0.680	O				0.35
34.167	0.00	0.62	0.676	O				0.35
34.250	0.00	0.62	0.671	O				0.34
34.333	0.00	0.62	0.667	O				0.34
34.417	0.00	0.61	0.663	O				0.34
34.500	0.00	0.61	0.659	O				0.34
34.583	0.00	0.60	0.655	O				0.34
34.667	0.00	0.60	0.650	O				0.33
34.750	0.00	0.60	0.646	O				0.33
34.833	0.00	0.59	0.642	O				0.33
34.917	0.00	0.59	0.638	O				0.33
35.000	0.00	0.59	0.634	O				0.33
35.083	0.00	0.58	0.630	O				0.32
35.167	0.00	0.58	0.626	O				0.32
35.250	0.00	0.57	0.622	O				0.32
35.333	0.00	0.57	0.618	O				0.32
35.417	0.00	0.57	0.614	O				0.32
35.500	0.00	0.56	0.610	O				0.31
35.583	0.00	0.56	0.606	O				0.31
35.667	0.00	0.56	0.603	O				0.31
35.750	0.00	0.55	0.599	O				0.31
35.833	0.00	0.55	0.595	O				0.31
35.917	0.00	0.55	0.591	O				0.30

36.000	0.00	0.54	0.587	O				0.30
36.083	0.00	0.54	0.584	O				0.30
36.167	0.00	0.54	0.580	O				0.30
36.250	0.00	0.53	0.576	O				0.30
36.333	0.00	0.53	0.573	O				0.29
36.417	0.00	0.53	0.569	O				0.29
36.500	0.00	0.52	0.565	O				0.29
36.583	0.00	0.52	0.562	O				0.29
36.667	0.00	0.52	0.558	O				0.29
36.750	0.00	0.51	0.555	O				0.28
36.833	0.00	0.51	0.551	O				0.28
36.917	0.00	0.51	0.548	O				0.28
37.000	0.00	0.50	0.544	O				0.28
37.083	0.00	0.50	0.541	O				0.28
37.167	0.00	0.50	0.537	O				0.28
37.250	0.00	0.49	0.534	O				0.27
37.333	0.00	0.49	0.531	O				0.27
37.417	0.00	0.49	0.527	O				0.27
37.500	0.00	0.48	0.524	O				0.27
37.583	0.00	0.48	0.521	O				0.27
37.667	0.00	0.48	0.517	O				0.27
37.750	0.00	0.47	0.514	O				0.26
37.833	0.00	0.47	0.511	O				0.26
37.917	0.00	0.47	0.507	O				0.26
38.000	0.00	0.47	0.504	O				0.26
38.083	0.00	0.46	0.501	O				0.26
38.167	0.00	0.46	0.498	O				0.26
38.250	0.00	0.46	0.495	O				0.25
38.333	0.00	0.45	0.492	O				0.25
38.417	0.00	0.45	0.488	O				0.25
38.500	0.00	0.45	0.485	O				0.25
38.583	0.00	0.45	0.482	O				0.25
38.667	0.00	0.44	0.479	O				0.25
38.750	0.00	0.44	0.476	O				0.24
38.833	0.00	0.44	0.473	O				0.24
38.917	0.00	0.43	0.470	O				0.24
39.000	0.00	0.43	0.467	O				0.24
39.083	0.00	0.43	0.464	O				0.24
39.167	0.00	0.43	0.461	O				0.24
39.250	0.00	0.42	0.458	O				0.24
39.333	0.00	0.42	0.455	O				0.23
39.417	0.00	0.42	0.453	O				0.23
39.500	0.00	0.42	0.450	O				0.23
39.583	0.00	0.41	0.447	O				0.23
39.667	0.00	0.41	0.444	O				0.23
39.750	0.00	0.41	0.441	O				0.23
39.833	0.00	0.41	0.438	O				0.23
39.917	0.00	0.40	0.436	O				0.22
40.000	0.00	0.40	0.433	O				0.22
40.083	0.00	0.40	0.430	O				0.22
40.167	0.00	0.39	0.427	O				0.22
40.250	0.00	0.39	0.425	O				0.22
40.333	0.00	0.39	0.422	O				0.22
40.417	0.00	0.39	0.419	O				0.22
40.500	0.00	0.38	0.417	O				0.21
40.583	0.00	0.38	0.414	O				0.21
40.667	0.00	0.38	0.411	O				0.21
40.750	0.00	0.38	0.409	O				0.21
40.833	0.00	0.38	0.406	O				0.21
40.917	0.00	0.37	0.404	O				0.21
41.000	0.00	0.37	0.401	O				0.21
41.083	0.00	0.37	0.398	O				0.20
41.167	0.00	0.37	0.396	O				0.20

41.250	0.00	0.36	0.393	O				0.20
41.333	0.00	0.36	0.391	O				0.20
41.417	0.00	0.36	0.388	O				0.20
41.500	0.00	0.36	0.386	O				0.20
41.583	0.00	0.35	0.384	O				0.20
41.667	0.00	0.35	0.381	O				0.20
41.750	0.00	0.35	0.379	O				0.19
41.833	0.00	0.35	0.376	O				0.19
41.917	0.00	0.35	0.374	O				0.19
42.000	0.00	0.34	0.371	O				0.19
42.083	0.00	0.34	0.369	O				0.19
42.167	0.00	0.34	0.367	O				0.19
42.250	0.00	0.34	0.364	O				0.19
42.333	0.00	0.33	0.362	O				0.19
42.417	0.00	0.33	0.360	O				0.18
42.500	0.00	0.33	0.358	O				0.18
42.583	0.00	0.33	0.355	O				0.18
42.667	0.00	0.33	0.353	O				0.18
42.750	0.00	0.32	0.351	O				0.18
42.833	0.00	0.32	0.349	O				0.18
42.917	0.00	0.32	0.346	O				0.18
43.000	0.00	0.32	0.344	O				0.18
43.083	0.00	0.32	0.342	O				0.18
43.167	0.00	0.31	0.340	O				0.17
43.250	0.00	0.31	0.338	O				0.17
43.333	0.00	0.31	0.336	O				0.17
43.417	0.00	0.31	0.333	O				0.17
43.500	0.00	0.31	0.331	O				0.17
43.583	0.00	0.30	0.329	O				0.17
43.667	0.00	0.30	0.327	O				0.17
43.750	0.00	0.30	0.325	O				0.17
43.833	0.00	0.30	0.323	O				0.17
43.917	0.00	0.30	0.321	O				0.16
44.000	0.00	0.29	0.319	O				0.16
44.083	0.00	0.29	0.317	O				0.16
44.167	0.00	0.29	0.315	O				0.16
44.250	0.00	0.29	0.313	O				0.16
44.333	0.00	0.29	0.311	O				0.16
44.417	0.00	0.29	0.309	O				0.16
44.500	0.00	0.28	0.307	O				0.16
44.583	0.00	0.28	0.305	O				0.16
44.667	0.00	0.28	0.303	O				0.16
44.750	0.00	0.28	0.301	O				0.15
44.833	0.00	0.28	0.299	O				0.15
44.917	0.00	0.27	0.297	O				0.15
45.000	0.00	0.27	0.295	O				0.15
45.083	0.00	0.27	0.294	O				0.15
45.167	0.00	0.27	0.292	O				0.15
45.250	0.00	0.27	0.290	O				0.15
45.333	0.00	0.27	0.288	O				0.15
45.417	0.00	0.26	0.286	O				0.15
45.500	0.00	0.26	0.284	O				0.15
45.583	0.00	0.26	0.283	O				0.15
45.667	0.00	0.26	0.281	O				0.14
45.750	0.00	0.26	0.279	O				0.14
45.833	0.00	0.26	0.277	O				0.14
45.917	0.00	0.25	0.275	O				0.14
46.000	0.00	0.25	0.274	O				0.14
46.083	0.00	0.25	0.272	O				0.14
46.167	0.00	0.25	0.270	O				0.14
46.250	0.00	0.25	0.269	O				0.14
46.333	0.00	0.25	0.267	O				0.14
46.417	0.00	0.24	0.265	O				0.14

46.500	0.00	0.24	0.263	O					0.14
46.583	0.00	0.24	0.262	O					0.13
46.667	0.00	0.24	0.260	O					0.13
46.750	0.00	0.24	0.258	O					0.13
46.833	0.00	0.24	0.257	O					0.13
46.917	0.00	0.24	0.255	O					0.13
47.000	0.00	0.23	0.254	O					0.13
47.083	0.00	0.23	0.252	O					0.13
47.167	0.00	0.23	0.250	O					0.13
47.250	0.00	0.23	0.249	O					0.13
47.333	0.00	0.23	0.247	O					0.13
47.417	0.00	0.23	0.246	O					0.13
47.500	0.00	0.23	0.244	O					0.13
47.583	0.00	0.22	0.243	O					0.12
47.667	0.00	0.22	0.241	O					0.12
47.750	0.00	0.22	0.239	O					0.12
47.833	0.00	0.22	0.238	O					0.12
47.917	0.00	0.22	0.236	O					0.12
48.000	0.00	0.22	0.235	O					0.12
48.083	0.00	0.22	0.233	O					0.12
48.167	0.00	0.21	0.232	O					0.12
48.250	0.00	0.21	0.230	O					0.12
48.333	0.00	0.21	0.229	O					0.12
48.417	0.00	0.21	0.228	O					0.12
48.500	0.00	0.21	0.226	O					0.12
48.583	0.00	0.21	0.225	O					0.12
48.667	0.00	0.21	0.223	O					0.11
48.750	0.00	0.21	0.222	O					0.11
48.833	0.00	0.20	0.220	O					0.11
48.917	0.00	0.20	0.219	O					0.11
49.000	0.00	0.20	0.218	O					0.11
49.083	0.00	0.20	0.216	O					0.11
49.167	0.00	0.20	0.215	O					0.11
49.250	0.00	0.20	0.214	O					0.11
49.333	0.00	0.20	0.212	O					0.11
49.417	0.00	0.19	0.211	O					0.11
49.500	0.00	0.19	0.210	O					0.11
49.583	0.00	0.19	0.208	O					0.11
49.667	0.00	0.19	0.207	O					0.11
49.750	0.00	0.19	0.206	O					0.11
49.833	0.00	0.19	0.204	O					0.10
49.917	0.00	0.19	0.203	O					0.10
50.000	0.00	0.19	0.202	O					0.10
50.083	0.00	0.19	0.200	O					0.10
50.167	0.00	0.18	0.199	O					0.10
50.250	0.00	0.18	0.198	O					0.10
50.333	0.00	0.18	0.197	O					0.10
50.417	0.00	0.18	0.195	O					0.10
50.500	0.00	0.18	0.194	O					0.10
50.583	0.00	0.18	0.193	O					0.10
50.667	0.00	0.18	0.192	O					0.10
50.750	0.00	0.18	0.190	O					0.10
50.833	0.00	0.17	0.189	O					0.10
50.917	0.00	0.17	0.188	O					0.10
51.000	0.00	0.17	0.187	O					0.10
51.083	0.00	0.17	0.186	O					0.10
51.167	0.00	0.17	0.184	O					0.09
51.250	0.00	0.17	0.183	O					0.09
51.333	0.00	0.17	0.182	O					0.09
51.417	0.00	0.17	0.181	O					0.09
51.500	0.00	0.17	0.180	O					0.09
51.583	0.00	0.17	0.179	O					0.09
51.667	0.00	0.16	0.178	O					0.09

51.750	0.00	0.16	0.176	O				0.09
51.833	0.00	0.16	0.175	O				0.09
51.917	0.00	0.16	0.174	O				0.09
52.000	0.00	0.16	0.173	O				0.09
52.083	0.00	0.16	0.172	O				0.09
52.167	0.00	0.16	0.171	O				0.09
52.250	0.00	0.16	0.170	O				0.09
52.333	0.00	0.16	0.169	O				0.09
52.417	0.00	0.15	0.168	O				0.09
52.500	0.00	0.15	0.167	O				0.09
52.583	0.00	0.15	0.166	O				0.08
52.667	0.00	0.15	0.165	O				0.08
52.750	0.00	0.15	0.163	O				0.08
52.833	0.00	0.15	0.162	O				0.08
52.917	0.00	0.15	0.161	O				0.08
53.000	0.00	0.15	0.160	O				0.08
53.083	0.00	0.15	0.159	O				0.08
53.167	0.00	0.15	0.158	O				0.08
53.250	0.00	0.15	0.157	O				0.08
53.333	0.00	0.14	0.156	O				0.08
53.417	0.00	0.14	0.155	O				0.08
53.500	0.00	0.14	0.154	O				0.08
53.583	0.00	0.14	0.153	O				0.08
53.667	0.00	0.14	0.152	O				0.08
53.750	0.00	0.14	0.151	O				0.08
53.833	0.00	0.14	0.150	O				0.08
53.917	0.00	0.14	0.150	O				0.08
54.000	0.00	0.14	0.149	O				0.08
54.083	0.00	0.14	0.148	O				0.08
54.167	0.00	0.14	0.147	O				0.08
54.250	0.00	0.13	0.146	O				0.07
54.333	0.00	0.13	0.145	O				0.07
54.417	0.00	0.13	0.144	O				0.07
54.500	0.00	0.13	0.143	O				0.07
54.583	0.00	0.13	0.142	O				0.07
54.667	0.00	0.13	0.141	O				0.07
54.750	0.00	0.13	0.140	O				0.07
54.833	0.00	0.13	0.139	O				0.07
54.917	0.00	0.13	0.139	O				0.07
55.000	0.00	0.13	0.138	O				0.07
55.083	0.00	0.13	0.137	O				0.07
55.167	0.00	0.13	0.136	O				0.07
55.250	0.00	0.12	0.135	O				0.07
55.333	0.00	0.12	0.134	O				0.07
55.417	0.00	0.12	0.133	O				0.07
55.500	0.00	0.12	0.133	O				0.07
55.583	0.00	0.12	0.132	O				0.07
55.667	0.00	0.12	0.131	O				0.07
55.750	0.00	0.12	0.130	O				0.07
55.833	0.00	0.12	0.129	O				0.07
55.917	0.00	0.12	0.128	O				0.07
56.000	0.00	0.12	0.128	O				0.07
56.083	0.00	0.12	0.127	O				0.07
56.167	0.00	0.12	0.126	O				0.06
56.250	0.00	0.12	0.125	O				0.06
56.333	0.00	0.11	0.124	O				0.06
56.417	0.00	0.11	0.124	O				0.06
56.500	0.00	0.11	0.123	O				0.06
56.583	0.00	0.11	0.122	O				0.06
56.667	0.00	0.11	0.121	O				0.06
56.750	0.00	0.11	0.120	O				0.06
56.833	0.00	0.11	0.120	O				0.06
56.917	0.00	0.11	0.119	O				0.06

57.000	0.00	0.11	0.118	O				0.06
57.083	0.00	0.11	0.117	O				0.06
57.167	0.00	0.11	0.117	O				0.06
57.250	0.00	0.11	0.116	O				0.06
57.333	0.00	0.11	0.115	O				0.06
57.417	0.00	0.11	0.114	O				0.06
57.500	0.00	0.11	0.114	O				0.06
57.583	0.00	0.10	0.113	O				0.06
57.667	0.00	0.10	0.112	O				0.06
57.750	0.00	0.10	0.112	O				0.06
57.833	0.00	0.10	0.111	O				0.06
57.917	0.00	0.10	0.110	O				0.06
58.000	0.00	0.10	0.109	O				0.06
58.083	0.00	0.10	0.109	O				0.06
58.167	0.00	0.10	0.108	O				0.06
58.250	0.00	0.10	0.107	O				0.06
58.333	0.00	0.10	0.107	O				0.05
58.417	0.00	0.10	0.106	O				0.05
58.500	0.00	0.10	0.105	O				0.05
58.583	0.00	0.10	0.105	O				0.05
58.667	0.00	0.10	0.104	O				0.05
58.750	0.00	0.10	0.103	O				0.05
58.833	0.00	0.09	0.103	O				0.05
58.917	0.00	0.09	0.102	O				0.05
59.000	0.00	0.09	0.101	O				0.05
59.083	0.00	0.09	0.101	O				0.05
59.167	0.00	0.09	0.100	O				0.05
59.250	0.00	0.09	0.100	O				0.05
59.333	0.00	0.09	0.099	O				0.05
59.417	0.00	0.09	0.098	O				0.05
59.500	0.00	0.09	0.098	O				0.05
59.583	0.00	0.09	0.097	O				0.05
59.667	0.00	0.09	0.096	O				0.05
59.750	0.00	0.09	0.096	O				0.05
59.833	0.00	0.09	0.095	O				0.05
59.917	0.00	0.09	0.095	O				0.05
60.000	0.00	0.09	0.094	O				0.05
60.083	0.00	0.09	0.093	O				0.05
60.167	0.00	0.09	0.093	O				0.05
60.250	0.00	0.09	0.092	O				0.05
60.333	0.00	0.08	0.092	O				0.05
60.417	0.00	0.08	0.091	O				0.05
60.500	0.00	0.08	0.090	O				0.05
60.583	0.00	0.08	0.090	O				0.05
60.667	0.00	0.08	0.089	O				0.05
60.750	0.00	0.08	0.089	O				0.05
60.833	0.00	0.08	0.088	O				0.05
60.917	0.00	0.08	0.088	O				0.04
61.000	0.00	0.08	0.087	O				0.04
61.083	0.00	0.08	0.087	O				0.04
61.167	0.00	0.08	0.086	O				0.04
61.250	0.00	0.08	0.085	O				0.04
61.333	0.00	0.08	0.085	O				0.04
61.417	0.00	0.08	0.084	O				0.04
61.500	0.00	0.08	0.084	O				0.04
61.583	0.00	0.08	0.083	O				0.04
61.667	0.00	0.08	0.083	O				0.04
61.750	0.00	0.08	0.082	O				0.04
61.833	0.00	0.08	0.082	O				0.04
61.917	0.00	0.08	0.081	O				0.04
62.000	0.00	0.07	0.081	O				0.04
62.083	0.00	0.07	0.080	O				0.04
62.167	0.00	0.07	0.080	O				0.04

62.250	0.00	0.07	0.079	O					0.04
62.333	0.00	0.07	0.079	O					0.04
62.417	0.00	0.07	0.078	O					0.04
62.500	0.00	0.07	0.078	O					0.04
62.583	0.00	0.07	0.077	O					0.04
62.667	0.00	0.07	0.077	O					0.04
62.750	0.00	0.07	0.076	O					0.04
62.833	0.00	0.07	0.076	O					0.04
62.917	0.00	0.07	0.075	O					0.04
63.000	0.00	0.07	0.075	O					0.04
63.083	0.00	0.07	0.074	O					0.04
63.167	0.00	0.07	0.074	O					0.04
63.250	0.00	0.07	0.073	O					0.04
63.333	0.00	0.07	0.073	O					0.04
63.417	0.00	0.07	0.072	O					0.04
63.500	0.00	0.07	0.072	O					0.04
63.583	0.00	0.07	0.071	O					0.04
63.667	0.00	0.07	0.071	O					0.04
63.750	0.00	0.07	0.071	O					0.04
63.833	0.00	0.06	0.070	O					0.04
63.917	0.00	0.06	0.070	O					0.04
64.000	0.00	0.06	0.069	O					0.04
64.083	0.00	0.06	0.069	O					0.04
64.167	0.00	0.06	0.068	O					0.04
64.250	0.00	0.06	0.068	O					0.03
64.333	0.00	0.06	0.067	O					0.03
64.417	0.00	0.06	0.067	O					0.03
64.500	0.00	0.06	0.067	O					0.03
64.583	0.00	0.06	0.066	O					0.03
64.667	0.00	0.06	0.066	O					0.03
64.750	0.00	0.06	0.065	O					0.03
64.833	0.00	0.06	0.065	O					0.03
64.917	0.00	0.06	0.065	O					0.03
65.000	0.00	0.06	0.064	O					0.03
65.083	0.00	0.06	0.064	O					0.03
65.167	0.00	0.06	0.063	O					0.03
65.250	0.00	0.06	0.063	O					0.03
65.333	0.00	0.06	0.063	O					0.03
65.417	0.00	0.06	0.062	O					0.03
65.500	0.00	0.06	0.062	O					0.03
65.583	0.00	0.06	0.061	O					0.03
65.667	0.00	0.06	0.061	O					0.03
65.750	0.00	0.06	0.061	O					0.03
65.833	0.00	0.06	0.060	O					0.03
65.917	0.00	0.06	0.060	O					0.03
66.000	0.00	0.05	0.059	O					0.03
66.083	0.00	0.05	0.059	O					0.03
66.167	0.00	0.05	0.059	O					0.03
66.250	0.00	0.05	0.058	O					0.03
66.333	0.00	0.05	0.058	O					0.03
66.417	0.00	0.05	0.058	O					0.03
66.500	0.00	0.05	0.057	O					0.03
66.583	0.00	0.05	0.057	O					0.03
66.667	0.00	0.05	0.056	O					0.03
66.750	0.00	0.05	0.056	O					0.03
66.833	0.00	0.05	0.056	O					0.03
66.917	0.00	0.05	0.055	O					0.03
67.000	0.00	0.05	0.055	O					0.03
67.083	0.00	0.05	0.055	O					0.03
67.167	0.00	0.05	0.054	O					0.03
67.250	0.00	0.05	0.054	O					0.03
67.333	0.00	0.05	0.054	O					0.03
67.417	0.00	0.05	0.053	O					0.03

67.500	0.00	0.05	0.053	O				0.03
67.583	0.00	0.05	0.053	O				0.03
67.667	0.00	0.05	0.052	O				0.03
67.750	0.00	0.05	0.052	O				0.03
67.833	0.00	0.05	0.052	O				0.03
67.917	0.00	0.05	0.051	O				0.03
68.000	0.00	0.05	0.051	O				0.03
68.083	0.00	0.05	0.051	O				0.03
68.167	0.00	0.05	0.050	O				0.03
68.250	0.00	0.05	0.050	O				0.03
68.333	0.00	0.05	0.050	O				0.03
68.417	0.00	0.05	0.049	O				0.03
68.500	0.00	0.05	0.049	O				0.03
68.583	0.00	0.05	0.049	O				0.03
68.667	0.00	0.04	0.048	O				0.02
68.750	0.00	0.04	0.048	O				0.02
68.833	0.00	0.04	0.048	O				0.02
68.917	0.00	0.04	0.048	O				0.02
69.000	0.00	0.04	0.047	O				0.02
69.083	0.00	0.04	0.047	O				0.02
69.167	0.00	0.04	0.047	O				0.02
69.250	0.00	0.04	0.046	O				0.02
69.333	0.00	0.04	0.046	O				0.02
69.417	0.00	0.04	0.046	O				0.02
69.500	0.00	0.04	0.045	O				0.02
69.583	0.00	0.04	0.045	O				0.02
69.667	0.00	0.04	0.045	O				0.02
69.750	0.00	0.04	0.045	O				0.02
69.833	0.00	0.04	0.044	O				0.02
69.917	0.00	0.04	0.044	O				0.02
70.000	0.00	0.04	0.044	O				0.02
70.083	0.00	0.04	0.044	O				0.02
70.167	0.00	0.04	0.043	O				0.02
70.250	0.00	0.04	0.043	O				0.02
70.333	0.00	0.04	0.043	O				0.02
70.417	0.00	0.04	0.042	O				0.02
70.500	0.00	0.04	0.042	O				0.02
70.583	0.00	0.04	0.042	O				0.02
70.667	0.00	0.04	0.042	O				0.02
70.750	0.00	0.04	0.041	O				0.02
70.833	0.00	0.04	0.041	O				0.02
70.917	0.00	0.04	0.041	O				0.02
71.000	0.00	0.04	0.041	O				0.02
71.083	0.00	0.04	0.040	O				0.02
71.167	0.00	0.04	0.040	O				0.02
71.250	0.00	0.04	0.040	O				0.02
71.333	0.00	0.04	0.040	O				0.02
71.417	0.00	0.04	0.039	O				0.02
71.500	0.00	0.04	0.039	O				0.02
71.583	0.00	0.04	0.039	O				0.02
71.667	0.00	0.04	0.039	O				0.02
71.750	0.00	0.04	0.038	O				0.02
71.833	0.00	0.04	0.038	O				0.02
71.917	0.00	0.03	0.038	O				0.02
72.000	0.00	0.03	0.038	O				0.02
72.083	0.00	0.03	0.037	O				0.02
72.167	0.00	0.03	0.037	O				0.02
72.250	0.00	0.03	0.037	O				0.02
72.333	0.00	0.03	0.037	O				0.02
72.417	0.00	0.03	0.036	O				0.02
72.500	0.00	0.03	0.036	O				0.02
72.583	0.00	0.03	0.036	O				0.02
72.667	0.00	0.03	0.036	O				0.02

72.750	0.00	0.03	0.035	O					0.02
72.833	0.00	0.03	0.035	O					0.02
72.917	0.00	0.03	0.035	O					0.02
73.000	0.00	0.03	0.035	O					0.02
73.083	0.00	0.03	0.035	O					0.02
73.167	0.00	0.03	0.034	O					0.02
73.250	0.00	0.03	0.034	O					0.02
73.333	0.00	0.03	0.034	O					0.02
73.417	0.00	0.03	0.034	O					0.02
73.500	0.00	0.03	0.034	O					0.02
73.583	0.00	0.03	0.033	O					0.02
73.667	0.00	0.03	0.033	O					0.02
73.750	0.00	0.03	0.033	O					0.02
73.833	0.00	0.03	0.033	O					0.02
73.917	0.00	0.03	0.032	O					0.02
74.000	0.00	0.03	0.032	O					0.02
74.083	0.00	0.03	0.032	O					0.02
74.167	0.00	0.03	0.032	O					0.02
74.250	0.00	0.03	0.032	O					0.02
74.333	0.00	0.03	0.031	O					0.02
74.417	0.00	0.03	0.031	O					0.02
74.500	0.00	0.03	0.031	O					0.02
74.583	0.00	0.03	0.031	O					0.02
74.667	0.00	0.03	0.031	O					0.02
74.750	0.00	0.03	0.030	O					0.02
74.833	0.00	0.03	0.030	O					0.02
74.917	0.00	0.03	0.030	O					0.02
75.000	0.00	0.03	0.030	O					0.02
75.083	0.00	0.03	0.030	O					0.02
75.167	0.00	0.03	0.030	O					0.02
75.250	0.00	0.03	0.029	O					0.02
75.333	0.00	0.03	0.029	O					0.01
75.417	0.00	0.03	0.029	O					0.01
75.500	0.00	0.03	0.029	O					0.01
75.583	0.00	0.03	0.029	O					0.01
75.667	0.00	0.03	0.028	O					0.01
75.750	0.00	0.03	0.028	O					0.01
75.833	0.00	0.03	0.028	O					0.01
75.917	0.00	0.03	0.028	O					0.01
76.000	0.00	0.03	0.028	O					0.01
76.083	0.00	0.03	0.028	O					0.01
76.167	0.00	0.03	0.027	O					0.01
76.250	0.00	0.03	0.027	O					0.01
76.333	0.00	0.02	0.027	O					0.01
76.417	0.00	0.02	0.027	O					0.01
76.500	0.00	0.02	0.027	O					0.01
76.583	0.00	0.02	0.026	O					0.01
76.667	0.00	0.02	0.026	O					0.01
76.750	0.00	0.02	0.026	O					0.01
76.833	0.00	0.02	0.026	O					0.01
76.917	0.00	0.02	0.026	O					0.01
77.000	0.00	0.02	0.026	O					0.01
77.083	0.00	0.02	0.025	O					0.01
77.167	0.00	0.02	0.025	O					0.01
77.250	0.00	0.02	0.025	O					0.01
77.333	0.00	0.02	0.025	O					0.01
77.417	0.00	0.02	0.025	O					0.01
77.500	0.00	0.02	0.025	O					0.01
77.583	0.00	0.02	0.025	O					0.01
77.667	0.00	0.02	0.024	O					0.01
77.750	0.00	0.02	0.024	O					0.01
77.833	0.00	0.02	0.024	O					0.01
77.917	0.00	0.02	0.024	O					0.01

78.000	0.00	0.02	0.024	O				0.01
78.083	0.00	0.02	0.024	O				0.01
78.167	0.00	0.02	0.023	O				0.01
78.250	0.00	0.02	0.023	O				0.01
78.333	0.00	0.02	0.023	O				0.01
78.417	0.00	0.02	0.023	O				0.01
78.500	0.00	0.02	0.023	O				0.01
78.583	0.00	0.02	0.023	O				0.01
78.667	0.00	0.02	0.023	O				0.01
78.750	0.00	0.02	0.022	O				0.01
78.833	0.00	0.02	0.022	O				0.01
78.917	0.00	0.02	0.022	O				0.01
79.000	0.00	0.02	0.022	O				0.01
79.083	0.00	0.02	0.022	O				0.01
79.167	0.00	0.02	0.022	O				0.01
79.250	0.00	0.02	0.022	O				0.01
79.333	0.00	0.02	0.021	O				0.01
79.417	0.00	0.02	0.021	O				0.01
79.500	0.00	0.02	0.021	O				0.01
79.583	0.00	0.02	0.021	O				0.01
79.667	0.00	0.02	0.021	O				0.01
79.750	0.00	0.02	0.021	O				0.01
79.833	0.00	0.02	0.021	O				0.01
79.917	0.00	0.02	0.021	O				0.01
80.000	0.00	0.02	0.020	O				0.01
80.083	0.00	0.02	0.020	O				0.01
80.167	0.00	0.02	0.020	O				0.01
80.250	0.00	0.02	0.020	O				0.01
80.333	0.00	0.02	0.020	O				0.01
80.417	0.00	0.02	0.020	O				0.01
80.500	0.00	0.02	0.020	O				0.01
80.583	0.00	0.02	0.020	O				0.01
80.667	0.00	0.02	0.019	O				0.01
80.750	0.00	0.02	0.019	O				0.01
80.833	0.00	0.02	0.019	O				0.01
80.917	0.00	0.02	0.019	O				0.01
81.000	0.00	0.02	0.019	O				0.01
81.083	0.00	0.02	0.019	O				0.01
81.167	0.00	0.02	0.019	O				0.01
81.250	0.00	0.02	0.019	O				0.01
81.333	0.00	0.02	0.018	O				0.01
81.417	0.00	0.02	0.018	O				0.01
81.500	0.00	0.02	0.018	O				0.01
81.583	0.00	0.02	0.018	O				0.01
81.667	0.00	0.02	0.018	O				0.01
81.750	0.00	0.02	0.018	O				0.01
81.833	0.00	0.02	0.018	O				0.01
81.917	0.00	0.02	0.018	O				0.01
82.000	0.00	0.02	0.018	O				0.01
82.083	0.00	0.02	0.017	O				0.01
82.167	0.00	0.02	0.017	O				0.01
82.250	0.00	0.02	0.017	O				0.01
82.333	0.00	0.02	0.017	O				0.01
82.417	0.00	0.02	0.017	O				0.01
82.500	0.00	0.02	0.017	O				0.01
82.583	0.00	0.02	0.017	O				0.01
82.667	0.00	0.02	0.017	O				0.01
82.750	0.00	0.02	0.017	O				0.01
82.833	0.00	0.02	0.016	O				0.01
82.917	0.00	0.02	0.016	O				0.01
83.000	0.00	0.01	0.016	O				0.01
83.083	0.00	0.01	0.016	O				0.01
83.167	0.00	0.01	0.016	O				0.01

83.250	0.00	0.01	0.016	O					0.01
83.333	0.00	0.01	0.016	O					0.01
83.417	0.00	0.01	0.016	O					0.01
83.500	0.00	0.01	0.016	O					0.01
83.583	0.00	0.01	0.016	O					0.01
83.667	0.00	0.01	0.015	O					0.01
83.750	0.00	0.01	0.015	O					0.01
83.833	0.00	0.01	0.015	O					0.01
83.917	0.00	0.01	0.015	O					0.01
84.000	0.00	0.01	0.015	O					0.01
84.083	0.00	0.01	0.015	O					0.01
84.167	0.00	0.01	0.015	O					0.01
84.250	0.00	0.01	0.015	O					0.01
84.333	0.00	0.01	0.015	O					0.01
84.417	0.00	0.01	0.015	O					0.01
84.500	0.00	0.01	0.014	O					0.01
84.583	0.00	0.01	0.014	O					0.01
84.667	0.00	0.01	0.014	O					0.01
84.750	0.00	0.01	0.014	O					0.01
84.833	0.00	0.01	0.014	O					0.01
84.917	0.00	0.01	0.014	O					0.01
85.000	0.00	0.01	0.014	O					0.01
85.083	0.00	0.01	0.014	O					0.01
85.167	0.00	0.01	0.014	O					0.01
85.250	0.00	0.01	0.014	O					0.01
85.333	0.00	0.01	0.014	O					0.01
85.417	0.00	0.01	0.013	O					0.01
85.500	0.00	0.01	0.013	O					0.01
85.583	0.00	0.01	0.013	O					0.01
85.667	0.00	0.01	0.013	O					0.01
85.750	0.00	0.01	0.013	O					0.01
85.833	0.00	0.01	0.013	O					0.01
85.917	0.00	0.01	0.013	O					0.01
86.000	0.00	0.01	0.013	O					0.01
86.083	0.00	0.01	0.013	O					0.01
86.167	0.00	0.01	0.013	O					0.01
86.250	0.00	0.01	0.013	O					0.01
86.333	0.00	0.01	0.013	O					0.01
86.417	0.00	0.01	0.012	O					0.01
86.500	0.00	0.01	0.012	O					0.01
86.583	0.00	0.01	0.012	O					0.01
86.667	0.00	0.01	0.012	O					0.01
86.750	0.00	0.01	0.012	O					0.01
86.833	0.00	0.01	0.012	O					0.01
86.917	0.00	0.01	0.012	O					0.01
87.000	0.00	0.01	0.012	O					0.01
87.083	0.00	0.01	0.012	O					0.01
87.167	0.00	0.01	0.012	O					0.01
87.250	0.00	0.01	0.012	O					0.01
87.333	0.00	0.01	0.012	O					0.01
87.417	0.00	0.01	0.012	O					0.01
87.500	0.00	0.01	0.012	O					0.01
87.583	0.00	0.01	0.011	O					0.01
87.667	0.00	0.01	0.011	O					0.01
87.750	0.00	0.01	0.011	O					0.01
87.833	0.00	0.01	0.011	O					0.01
87.917	0.00	0.01	0.011	O					0.01
88.000	0.00	0.01	0.011	O					0.01
88.083	0.00	0.01	0.011	O					0.01
88.167	0.00	0.01	0.011	O					0.01
88.250	0.00	0.01	0.011	O					0.01
88.333	0.00	0.01	0.011	O					0.01
88.417	0.00	0.01	0.011	O					0.01

88.500	0.00	0.01	0.011	O					0.01
88.583	0.00	0.01	0.011	O					0.01
88.667	0.00	0.01	0.011	O					0.01
88.750	0.00	0.01	0.010	O					0.01
88.833	0.00	0.01	0.010	O					0.01
88.917	0.00	0.01	0.010	O					0.01
89.000	0.00	0.01	0.010	O					0.01
89.083	0.00	0.01	0.010	O					0.01
89.167	0.00	0.01	0.010	O					0.01
89.250	0.00	0.01	0.010	O					0.01
89.333	0.00	0.01	0.010	O					0.01
89.417	0.00	0.01	0.010	O					0.01
89.500	0.00	0.01	0.010	O					0.01
89.583	0.00	0.01	0.010	O					0.01
89.667	0.00	0.01	0.010	O					0.01
89.750	0.00	0.01	0.010	O					0.00
89.833	0.00	0.01	0.010	O					0.00
89.917	0.00	0.01	0.010	O					0.00
90.000	0.00	0.01	0.010	O					0.00
90.083	0.00	0.01	0.009	O					0.00
90.167	0.00	0.01	0.009	O					0.00
90.250	0.00	0.01	0.009	O					0.00
90.333	0.00	0.01	0.009	O					0.00
90.417	0.00	0.01	0.009	O					0.00
90.500	0.00	0.01	0.009	O					0.00
90.583	0.00	0.01	0.009	O					0.00
90.667	0.00	0.01	0.009	O					0.00
90.750	0.00	0.01	0.009	O					0.00
90.833	0.00	0.01	0.009	O					0.00
90.917	0.00	0.01	0.009	O					0.00
91.000	0.00	0.01	0.009	O					0.00
91.083	0.00	0.01	0.009	O					0.00
91.167	0.00	0.01	0.009	O					0.00
91.250	0.00	0.01	0.009	O					0.00
91.333	0.00	0.01	0.009	O					0.00
91.417	0.00	0.01	0.009	O					0.00
91.500	0.00	0.01	0.008	O					0.00
91.583	0.00	0.01	0.008	O					0.00
91.667	0.00	0.01	0.008	O					0.00
91.750	0.00	0.01	0.008	O					0.00
91.833	0.00	0.01	0.008	O					0.00
91.917	0.00	0.01	0.008	O					0.00
92.000	0.00	0.01	0.008	O					0.00
92.083	0.00	0.01	0.008	O					0.00
92.167	0.00	0.01	0.008	O					0.00
92.250	0.00	0.01	0.008	O					0.00
92.333	0.00	0.01	0.008	O					0.00
92.417	0.00	0.01	0.008	O					0.00
92.500	0.00	0.01	0.008	O					0.00
92.583	0.00	0.01	0.008	O					0.00
92.667	0.00	0.01	0.008	O					0.00
92.750	0.00	0.01	0.008	O					0.00
92.833	0.00	0.01	0.008	O					0.00
92.917	0.00	0.01	0.008	O					0.00
93.000	0.00	0.01	0.008	O					0.00
93.083	0.00	0.01	0.008	O					0.00
93.167	0.00	0.01	0.007	O					0.00
93.250	0.00	0.01	0.007	O					0.00
93.333	0.00	0.01	0.007	O					0.00
93.417	0.00	0.01	0.007	O					0.00
93.500	0.00	0.01	0.007	O					0.00
93.583	0.00	0.01	0.007	O					0.00
93.667	0.00	0.01	0.007	O					0.00

93.750	0.00	0.01	0.007	O					0.00
93.833	0.00	0.01	0.007	O					0.00
93.917	0.00	0.01	0.007	O					0.00
94.000	0.00	0.01	0.007	O					0.00
94.083	0.00	0.01	0.007	O					0.00
94.167	0.00	0.01	0.007	O					0.00
94.250	0.00	0.01	0.007	O					0.00
94.333	0.00	0.01	0.007	O					0.00
94.417	0.00	0.01	0.007	O					0.00
94.500	0.00	0.01	0.007	O					0.00
94.583	0.00	0.01	0.007	O					0.00
94.667	0.00	0.01	0.007	O					0.00
94.750	0.00	0.01	0.007	O					0.00
94.833	0.00	0.01	0.007	O					0.00
94.917	0.00	0.01	0.007	O					0.00
95.000	0.00	0.01	0.006	O					0.00
95.083	0.00	0.01	0.006	O					0.00
95.167	0.00	0.01	0.006	O					0.00
95.250	0.00	0.01	0.006	O					0.00
95.333	0.00	0.01	0.006	O					0.00
95.417	0.00	0.01	0.006	O					0.00
95.500	0.00	0.01	0.006	O					0.00
95.583	0.00	0.01	0.006	O					0.00
95.667	0.00	0.01	0.006	O					0.00
95.750	0.00	0.01	0.006	O					0.00
95.833	0.00	0.01	0.006	O					0.00
95.917	0.00	0.01	0.006	O					0.00
96.000	0.00	0.01	0.006	O					0.00
96.083	0.00	0.01	0.006	O					0.00
96.167	0.00	0.01	0.006	O					0.00
96.250	0.00	0.01	0.006	O					0.00
96.333	0.00	0.01	0.006	O					0.00
96.417	0.00	0.01	0.006	O					0.00
96.500	0.00	0.01	0.006	O					0.00
96.583	0.00	0.01	0.006	O					0.00
96.667	0.00	0.01	0.006	O					0.00
96.750	0.00	0.01	0.006	O					0.00
96.833	0.00	0.01	0.006	O					0.00
96.917	0.00	0.01	0.006	O					0.00
97.000	0.00	0.01	0.006	O					0.00
97.083	0.00	0.01	0.006	O					0.00
97.167	0.00	0.01	0.005	O					0.00
97.250	0.00	0.01	0.005	O					0.00
97.333	0.00	0.01	0.005	O					0.00
97.417	0.00	0.00	0.005	O					0.00
97.500	0.00	0.00	0.005	O					0.00
97.583	0.00	0.00	0.005	O					0.00
97.667	0.00	0.00	0.005	O					0.00
97.750	0.00	0.00	0.005	O					0.00
97.833	0.00	0.00	0.005	O					0.00
97.917	0.00	0.00	0.005	O					0.00
98.000	0.00	0.00	0.005	O					0.00
98.083	0.00	0.00	0.005	O					0.00
98.167	0.00	0.00	0.005	O					0.00
98.250	0.00	0.00	0.005	O					0.00
98.333	0.00	0.00	0.005	O					0.00
98.417	0.00	0.00	0.005	O					0.00
98.500	0.00	0.00	0.005	O					0.00
98.583	0.00	0.00	0.005	O					0.00
98.667	0.00	0.00	0.005	O					0.00
98.750	0.00	0.00	0.005	O					0.00
98.833	0.00	0.00	0.005	O					0.00
98.917	0.00	0.00	0.005	O					0.00

99.000	0.00	0.00	0.005	O	|	|	|	0.00
99.083	0.00	0.00	0.005	O	|	|	|	0.00
99.167	0.00	0.00	0.005	O	|	|	|	0.00
99.250	0.00	0.00	0.005	O	|	|	|	0.00
99.333	0.00	0.00	0.005	O	|	|	|	0.00
99.417	0.00	0.00	0.005	O	|	|	|	0.00
99.500	0.00	0.00	0.005	O	|	|	|	0.00
99.583	0.00	0.00	0.005	O	|	|	|	0.00
99.667	0.00	0.00	0.005	O	|	|	|	0.00
99.750	0.00	0.00	0.005	O	|	|	|	0.00
99.833	0.00	0.00	0.004	O	|	|	|	0.00
99.917	0.00	0.00	0.004	O	|	|	|	0.00
100.000	0.00	0.00	0.004	O	|	|	|	0.00
100.083	0.00	0.00	0.004	O	|	|	|	0.00
100.167	0.00	0.00	0.004	O	|	|	|	0.00
100.250	0.00	0.00	0.004	O	|	|	|	0.00
100.333	0.00	0.00	0.004	O	|	|	|	0.00
100.417	0.00	0.00	0.004	O	|	|	|	0.00
100.500	0.00	0.00	0.004	O	|	|	|	0.00
100.583	0.00	0.00	0.004	O	|	|	|	0.00
100.667	0.00	0.00	0.004	O	|	|	|	0.00
100.750	0.00	0.00	0.004	O	|	|	|	0.00
100.833	0.00	0.00	0.004	O	|	|	|	0.00
100.917	0.00	0.00	0.004	O	|	|	|	0.00
101.000	0.00	0.00	0.004	O	|	|	|	0.00
101.083	0.00	0.00	0.004	O	|	|	|	0.00
101.167	0.00	0.00	0.004	O	|	|	|	0.00
101.250	0.00	0.00	0.004	O	|	|	|	0.00
101.333	0.00	0.00	0.004	O	|	|	|	0.00
101.417	0.00	0.00	0.004	O	|	|	|	0.00
101.500	0.00	0.00	0.004	O	|	|	|	0.00
101.583	0.00	0.00	0.004	O	|	|	|	0.00
101.667	0.00	0.00	0.004	O	|	|	|	0.00
101.750	0.00	0.00	0.004	O	|	|	|	0.00
101.833	0.00	0.00	0.004	O	|	|	|	0.00
101.917	0.00	0.00	0.004	O	|	|	|	0.00
102.000	0.00	0.00	0.004	O	|	|	|	0.00
102.083	0.00	0.00	0.004	O	|	|	|	0.00
102.167	0.00	0.00	0.004	O	|	|	|	0.00
102.250	0.00	0.00	0.004	O	|	|	|	0.00
102.333	0.00	0.00	0.004	O	|	|	|	0.00
102.417	0.00	0.00	0.004	O	|	|	|	0.00
102.500	0.00	0.00	0.004	O	|	|	|	0.00
102.583	0.00	0.00	0.004	O	|	|	|	0.00
102.667	0.00	0.00	0.004	O	|	|	|	0.00
102.750	0.00	0.00	0.004	O	|	|	|	0.00
102.833	0.00	0.00	0.004	O	|	|	|	0.00
102.917	0.00	0.00	0.004	O	|	|	|	0.00
103.000	0.00	0.00	0.004	O	|	|	|	0.00
103.083	0.00	0.00	0.004	O	|	|	|	0.00
103.167	0.00	0.00	0.003	O	|	|	|	0.00
103.250	0.00	0.00	0.003	O	|	|	|	0.00
103.333	0.00	0.00	0.003	O	|	|	|	0.00
103.417	0.00	0.00	0.003	O	|	|	|	0.00
103.500	0.00	0.00	0.003	O	|	|	|	0.00
103.583	0.00	0.00	0.003	O	|	|	|	0.00
103.667	0.00	0.00	0.003	O	|	|	|	0.00
103.750	0.00	0.00	0.003	O	|	|	|	0.00
103.833	0.00	0.00	0.003	O	|	|	|	0.00
103.917	0.00	0.00	0.003	O	|	|	|	0.00
104.000	0.00	0.00	0.003	O	|	|	|	0.00
104.083	0.00	0.00	0.003	O	|	|	|	0.00
104.167	0.00	0.00	0.003	O	|	|	|	0.00

104.250	0.00	0.00	0.003	O					0.00
104.333	0.00	0.00	0.003	O					0.00
104.417	0.00	0.00	0.003	O					0.00
104.500	0.00	0.00	0.003	O					0.00
104.583	0.00	0.00	0.003	O					0.00
104.667	0.00	0.00	0.003	O					0.00
104.750	0.00	0.00	0.003	O					0.00
104.833	0.00	0.00	0.003	O					0.00
104.917	0.00	0.00	0.003	O					0.00
105.000	0.00	0.00	0.003	O					0.00
105.083	0.00	0.00	0.003	O					0.00
105.167	0.00	0.00	0.003	O					0.00
105.250	0.00	0.00	0.003	O					0.00
105.333	0.00	0.00	0.003	O					0.00
105.417	0.00	0.00	0.003	O					0.00
105.500	0.00	0.00	0.003	O					0.00
105.583	0.00	0.00	0.003	O					0.00
105.667	0.00	0.00	0.003	O					0.00
105.750	0.00	0.00	0.003	O					0.00
105.833	0.00	0.00	0.003	O					0.00
105.917	0.00	0.00	0.003	O					0.00
106.000	0.00	0.00	0.003	O					0.00
106.083	0.00	0.00	0.003	O					0.00
106.167	0.00	0.00	0.003	O					0.00
106.250	0.00	0.00	0.003	O					0.00
106.333	0.00	0.00	0.003	O					0.00
106.417	0.00	0.00	0.003	O					0.00
106.500	0.00	0.00	0.003	O					0.00
106.583	0.00	0.00	0.003	O					0.00
106.667	0.00	0.00	0.003	O					0.00
106.750	0.00	0.00	0.003	O					0.00
106.833	0.00	0.00	0.003	O					0.00
106.917	0.00	0.00	0.003	O					0.00
107.000	0.00	0.00	0.003	O					0.00
107.083	0.00	0.00	0.003	O					0.00
107.167	0.00	0.00	0.003	O					0.00
107.250	0.00	0.00	0.003	O					0.00
107.333	0.00	0.00	0.003	O					0.00
107.417	0.00	0.00	0.003	O					0.00
107.500	0.00	0.00	0.002	O					0.00
107.583	0.00	0.00	0.002	O					0.00
107.667	0.00	0.00	0.002	O					0.00
107.750	0.00	0.00	0.002	O					0.00
107.833	0.00	0.00	0.002	O					0.00
107.917	0.00	0.00	0.002	O					0.00
108.000	0.00	0.00	0.002	O					0.00
108.083	0.00	0.00	0.002	O					0.00
108.167	0.00	0.00	0.002	O					0.00
108.250	0.00	0.00	0.002	O					0.00
108.333	0.00	0.00	0.002	O					0.00
108.417	0.00	0.00	0.002	O					0.00
108.500	0.00	0.00	0.002	O					0.00
108.583	0.00	0.00	0.002	O					0.00
108.667	0.00	0.00	0.002	O					0.00
108.750	0.00	0.00	0.002	O					0.00
108.833	0.00	0.00	0.002	O					0.00
108.917	0.00	0.00	0.002	O					0.00
109.000	0.00	0.00	0.002	O					0.00
109.083	0.00	0.00	0.002	O					0.00
109.167	0.00	0.00	0.002	O					0.00
109.250	0.00	0.00	0.002	O					0.00
109.333	0.00	0.00	0.002	O					0.00
109.417	0.00	0.00	0.002	O					0.00

```
109.500    0.00    0.00      0.002  O       |       |       |       |      0.00
109.583    0.00    0.00      0.002  O       |       |       |       |      0.00
109.667    0.00    0.00      0.002  O       |       |       |       |      0.00
109.750    0.00    0.00      0.002  O       |       |       |       |      0.00
109.833    0.00    0.00      0.002  O       |       |       |       |      0.00
109.917    0.00    0.00      0.002  O       |       |       |       |      0.00
110.000    0.00    0.00      0.002  O       |       |       |       |      0.00
110.083    0.00    0.00      0.002  O       |       |       |       |      0.00
110.167    0.00    0.00      0.002  O       |       |       |       |      0.00
110.250    0.00    0.00      0.002  O       |       |       |       |      0.00
110.333    0.00    0.00      0.002  O       |       |       |       |      0.00
110.417    0.00    0.00      0.002  O       |       |       |       |      0.00
110.500    0.00    0.00      0.002  O       |       |       |       |      0.00
110.583    0.00    0.00      0.002  O       |       |       |       |      0.00
110.667    0.00    0.00      0.002  O       |       |       |       |      0.00
110.750    0.00    0.00      0.002  O       |       |       |       |      0.00
110.833    0.00    0.00      0.002  O       |       |       |       |      0.00


       Remaining water in basin =    0.00 (Ac.Ft)


       ****************************HYDROGRAPH DATA****************************
                    Number of intervals =  1330
                    Time interval =    5.0 (Min.)
                    Maximum/Peak flow rate =        2.006 (CFS)
                    Total volume =       4.729 (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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                FLOOD HYDROGRAPH ROUTING PROGRAM
          Copyright (c) CIVILCADD/CIVILDESIGN, 1989 - 2005
                     Study date: 04/03/24

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Keller Crossing, Tr. 38163
WQ - Detention Basin Routing Area C onsite
Detention Basin C full with DCV at 1426
2-year 24-hour storm Inflow Hydrograph

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Program License Serial Number 4029

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

             From study/file name: 907hydc2pr242.rte
****************************HYDROGRAPH DATA*****************************
             Number of intervals =   296
             Time interval =    5.0 (Min.)
             Maximum/Peak flow rate =       12.607 (CFS)
             Total volume =       7.706 (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       10.000 to Point/Station       11.000
**** RETARDING BASIN ROUTING ****
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User entry of depth-outflow-storage data
------------------------------------------------------------------------
Total number of inflow hydrograph intervals = 296
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  Storage    Outflow   (S-O*dt/2)   (S+O*dt/2)
     (Ft.)    (Ac.Ft)    (CFS)     (Ac.Ft)     (Ac.Ft)
------------------------------------------------------------------------
   0.000      0.000      0.000      0.000        0.000
   1.000      1.948      1.800      1.942        1.954
   2.000      4.304      2.020      4.297        4.311
   3.000      7.054      3.480      7.042        7.066
   4.000     10.094     49.260      9.924       10.264
   4.500     11.710     87.250     11.410       12.010
   5.000     13.325    331.310     12.184       14.466
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6.000 16.754 1244.540 12.468 21.040

Hydrograph Detention Basin Routing

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

Time (Hours)	Inflow (CFS)	Outflow (CFS)	Storage (Ac.Ft)	.0 3.2 6.30 9.46 12.61	Depth (Ft.)
0.083	0.13	0.00	0.000	O	0.00
0.167	0.48	0.00	0.003	OI	0.00
0.250	0.61	0.01	0.006	OI	0.00
0.333	0.73	0.01	0.011	OI	0.01
0.417	0.94	0.02	0.016	O I	0.01
0.500	1.02	0.02	0.023	O I	0.01
0.583	1.06	0.03	0.030	O I	0.02
0.667	1.09	0.03	0.037	O I	0.02
0.750	1.10	0.04	0.045	O I	0.02
0.833	1.17	0.05	0.052	O I	0.03
0.917	1.36	0.06	0.060	O I	0.03
1.000	1.42	0.06	0.070	O I	0.04
1.083	1.39	0.07	0.079	O I	0.04
1.167	1.23	0.08	0.087	O I	0.04
1.250	1.17	0.09	0.095	O I	0.05
1.333	1.15	0.09	0.102	O I	0.05
1.417	1.14	0.10	0.110	O I	0.06
1.500	1.13	0.11	0.117	O I	0.06
1.583	1.13	0.11	0.124	O I	0.06
1.667	1.12	0.12	0.131	O I	0.07
1.750	1.12	0.13	0.137	O I	0.07
1.833	1.18	0.13	0.145	O I	0.07
1.917	1.36	0.14	0.152	O I	0.08
2.000	1.42	0.15	0.161	O I	0.08
2.083	1.45	0.16	0.170	O I	0.09
2.167	1.47	0.17	0.179	O I	0.09
2.250	1.48	0.17	0.188	O I	0.10
2.333	1.48	0.18	0.197	O I	0.10
2.417	1.49	0.19	0.206	O I	0.11
2.500	1.49	0.20	0.215	O I	0.11
2.583	1.56	0.21	0.224	O I	0.11
2.667	1.73	0.22	0.233	O I	0.12
2.750	1.80	0.23	0.244	O I	0.13
2.833	1.82	0.24	0.255	O I	0.13
2.917	1.84	0.25	0.266	O I	0.14
3.000	1.85	0.26	0.277	O I	0.14
3.083	1.86	0.27	0.288	O I	0.15
3.167	1.86	0.28	0.299	O I	0.15
3.250	1.86	0.29	0.310	O I	0.16
3.333	1.86	0.30	0.321	O I	0.16
3.417	1.86	0.31	0.331	O I	0.17
3.500	1.86	0.32	0.342	O I	0.18
3.583	1.86	0.33	0.353	O I	0.18
3.667	1.86	0.34	0.363	O I	0.19
3.750	1.86	0.35	0.374	O I	0.19
3.833	1.93	0.36	0.384	O I	0.20
3.917	2.11	0.37	0.396	O I	0.20
4.000	2.17	0.38	0.408	O I	0.21
4.083	2.20	0.39	0.420	O I	0.22
4.167	2.21	0.40	0.433	|O I	0.22
4.250	2.22	0.41	0.445	|O I	0.23
4.333	2.29	0.42	0.458	|O I	0.24
4.417	2.48	0.44	0.471	|O I	0.24
4.500	2.54	0.45	0.486	|O I	0.25

4.583	2.57	0.46	0.500	O I				0.26
4.667	2.59	0.48	0.515	O I				0.26
4.750	2.60	0.49	0.529	O I				0.27
4.833	2.67	0.50	0.544	O I				0.28
4.917	2.85	0.52	0.559	O I				0.29
5.000	2.91	0.53	0.576	O I				0.30
5.083	2.81	0.55	0.592	O I				0.30
5.167	2.48	0.56	0.606	O I				0.31
5.250	2.36	0.57	0.619	O I				0.32
5.333	2.38	0.58	0.631	O I				0.32
5.417	2.53	0.60	0.644	O I				0.33
5.500	2.57	0.61	0.657	O I				0.34
5.583	2.65	0.62	0.671	O I				0.34
5.667	2.83	0.63	0.686	O I				0.35
5.750	2.90	0.65	0.701	O I				0.36
5.833	2.93	0.66	0.717	O I				0.37
5.917	2.95	0.68	0.732	O I				0.38
6.000	2.97	0.69	0.748	O I				0.38
6.083	3.04	0.71	0.764	O I				0.39
6.167	3.22	0.72	0.780	O I				0.40
6.250	3.29	0.74	0.798	O I				0.41
6.333	3.32	0.75	0.815	O I				0.42
6.417	3.33	0.77	0.833	O I				0.43
6.500	3.34	0.79	0.851	O I				0.44
6.583	3.41	0.80	0.869	O I				0.45
6.667	3.59	0.82	0.887	O I				0.46
6.750	3.66	0.84	0.906	O I				0.47
6.833	3.69	0.86	0.926	O I				0.48
6.917	3.70	0.87	0.945	O I				0.49
7.000	3.71	0.89	0.965	O I				0.50
7.083	3.72	0.91	0.984	O I				0.51
7.167	3.73	0.93	1.004	O I				0.52
7.250	3.73	0.95	1.023	O I				0.53
7.333	3.79	0.96	1.042	O I				0.53
7.417	3.97	0.98	1.062	O I				0.55
7.500	4.03	1.00	1.083	O I				0.56
7.583	4.13	1.02	1.104	O I				0.57
7.667	4.32	1.04	1.126	O I				0.58
7.750	4.39	1.06	1.149	O I				0.59
7.833	4.49	1.08	1.172	O I				0.60
7.917	4.69	1.11	1.196	O I				0.61
8.000	4.76	1.13	1.221	O I				0.63
8.083	4.93	1.15	1.246	O I				0.64
8.167	5.30	1.18	1.274	O I				0.65
8.250	5.44	1.20	1.302	O I				0.67
8.333	5.50	1.23	1.332	O I				0.68
8.417	5.54	1.26	1.361	O I				0.70
8.500	5.56	1.29	1.391	O I				0.71
8.583	5.64	1.31	1.420	O I				0.73
8.667	5.83	1.34	1.451	O I				0.74
8.750	5.90	1.37	1.482	O I				0.76
8.833	5.99	1.40	1.513	O I				0.78
8.917	6.18	1.43	1.545	O I				0.79
9.000	6.26	1.46	1.578	O I				0.81
9.083	6.42	1.49	1.612	O I				0.83
9.167	6.79	1.52	1.647	O I				0.85
9.250	6.93	1.56	1.684	O I				0.86
9.333	7.06	1.59	1.721	O I				0.88
9.417	7.27	1.63	1.759	O I				0.90
9.500	7.36	1.66	1.798	O I				0.92
9.583	7.47	1.70	1.838	O I				0.94
9.667	7.67	1.74	1.878	O I				0.96
9.750	7.75	1.77	1.919	O I				0.99

9.833	7.85	1.80	1.961	O		I		1.01
9.917	8.05	1.81	2.003	O		I		1.02
10.000	8.12	1.81	2.046	O		I		1.04
10.083	7.71	1.81	2.088	O		I		1.06
10.167	6.49	1.82	2.124	O		I		1.07
10.250	6.06	1.82	2.155	O		I		1.09
10.333	5.87	1.82	2.184	O	I			1.10
10.417	5.77	1.82	2.211	O	I			1.11
10.500	5.70	1.83	2.238	O	I			1.12
10.583	5.97	1.83	2.266	O		I		1.13
10.667	6.83	1.83	2.297	O		I		1.15
10.750	7.12	1.84	2.333	O		I		1.16
10.833	7.25	1.84	2.369	O		I		1.18
10.917	7.33	1.84	2.407	O		I		1.19
11.000	7.39	1.85	2.445	O		I		1.21
11.083	7.36	1.85	2.483	O		I		1.23
11.167	7.20	1.85	2.520	O		I		1.24
11.250	7.16	1.86	2.557	O		I		1.26
11.333	7.13	1.86	2.593	O		I		1.27
11.417	7.11	1.86	2.630	O		I		1.29
11.500	7.10	1.87	2.666	O		I		1.30
11.583	6.97	1.87	2.701	O		I		1.32
11.667	6.61	1.87	2.735	O		I		1.33
11.750	6.48	1.88	2.767	O		I		1.35
11.833	6.49	1.88	2.799	O		I		1.36
11.917	6.63	1.88	2.831	O		I		1.37
12.000	6.67	1.89	2.864	O		I		1.39
12.083	7.14	1.89	2.899	O		I		1.40
12.167	8.39	1.89	2.939	O		I		1.42
12.250	8.83	1.90	2.985	O		I		1.44
12.333	9.09	1.90	3.034	O		I		1.46
12.417	9.39	1.91	3.084	O		I		1.48
12.500	9.52	1.91	3.136	O		I		1.50
12.583	9.73	1.92	3.189	O		I		1.53
12.667	10.13	1.92	3.245	O		I		1.55
12.750	10.29	1.93	3.302	O		I		1.57
12.833	10.42	1.93	3.360	O		I		1.60
12.917	10.63	1.94	3.419	O		I		1.62
13.000	10.72	1.94	3.479	O		I		1.65
13.083	11.08	1.95	3.541	O		I		1.68
13.167	11.99	1.95	3.607	O		I		1.70
13.250	12.32	1.96	3.677	O		I		1.73
13.333	12.47	1.97	3.749	O		I		1.76
13.417	12.55	1.97	3.821	O		I		1.80
13.500	12.61	1.98	3.894	O		I		1.83
13.583	11.94	1.99	3.965	O		I		1.86
13.667	10.00	1.99	4.027	O		I		1.88
13.750	9.34	2.00	4.080	O		I		1.90
13.833	9.03	2.00	4.129	O		I		1.93
13.917	8.85	2.01	4.177	O		I		1.95
14.000	8.74	2.01	4.224	O		I		1.97
14.083	8.92	2.02	4.271	O		I		1.99
14.167	9.59	2.03	4.321	O		I		2.01
14.250	9.80	2.06	4.373	O		I		2.03
14.333	9.84	2.09	4.427	O		I		2.04
14.417	9.73	2.11	4.480	O		I		2.06
14.500	9.71	2.14	4.532	O		I		2.08
14.583	9.71	2.17	4.584	O		I		2.10
14.667	9.71	2.20	4.636	O		I		2.12
14.750	9.71	2.22	4.687	O		I		2.14
14.833	9.64	2.25	4.739	O		I		2.16
14.917	9.46	2.28	4.789	O		I		2.18
15.000	9.39	2.30	4.838	O		I		2.19

15.083	9.30	2.33	4.886	| O |	| I|	|	|	2.21
15.167	9.11	2.35	4.934	| O |	| I|	|	|	2.23
15.250	9.03	2.38	4.980	| O |	| I |	|	|	2.25
15.333	8.94	2.40	5.025	| O |	| I |	|	|	2.26
15.417	8.74	2.43	5.069	| O |	| I |	|	|	2.28
15.500	8.66	2.45	5.113	| O |	| I |	|	|	2.29
15.583	8.37	2.47	5.154	| O |	| I |	|	|	2.31
15.667	7.64	2.49	5.192	| O |	| I |	|	|	2.32
15.750	7.38	2.51	5.227	| O |	| I |	|	|	2.34
15.833	7.26	2.53	5.260	| O |	| I |	|	|	2.35
15.917	7.19	2.54	5.292	| O |	| I |	|	|	2.36
16.000	7.15	2.56	5.324	| O |	| I |	|	|	2.37
16.083	6.16	2.58	5.352	| O |	| I|	|	|	2.38
16.167	3.48	2.58	5.367	| O I	|	|	|	2.39
16.250	2.52	2.59	5.370	| O |	|	|	|	2.39
16.333	2.11	2.59	5.368	| IO |	|	|	|	2.39
16.417	1.87	2.58	5.364	| I O |	|	|	|	2.39
16.500	1.71	2.58	5.359	| I O |	|	|	|	2.38
16.583	1.55	2.58	5.352	| I O |	|	|	|	2.38
16.667	1.31	2.57	5.345	| I O |	|	|	|	2.38
16.750	1.19	2.57	5.335	| I O |	|	|	|	2.38
16.833	1.16	2.56	5.326	| I O |	|	|	|	2.37
16.917	1.14	2.56	5.316	| I O |	|	|	|	2.37
17.000	1.13	2.55	5.306	| I O |	|	|	|	2.36
17.083	1.25	2.55	5.297	| I O |	|	|	|	2.36
17.167	1.61	2.54	5.289	| I O |	|	|	|	2.36
17.250	1.73	2.54	5.283	| I O |	|	|	|	2.36
17.333	1.78	2.54	5.278	| I O |	|	|	|	2.35
17.417	1.81	2.53	5.273	| I O |	|	|	|	2.35
17.500	1.84	2.53	5.268	| I O |	|	|	|	2.35
17.583	1.85	2.53	5.263	| I O |	|	|	|	2.35
17.667	1.86	2.53	5.259	| I O |	|	|	|	2.35
17.750	1.86	2.52	5.254	| I O |	|	|	|	2.35
17.833	1.80	2.52	5.249	| I O |	|	|	|	2.34
17.917	1.62	2.52	5.244	| I O |	|	|	|	2.34
18.000	1.56	2.52	5.237	| I O |	|	|	|	2.34
18.083	1.53	2.51	5.231	| I O |	|	|	|	2.34
18.167	1.52	2.51	5.224	| I O |	|	|	|	2.33
18.250	1.51	2.50	5.217	| I O |	|	|	|	2.33
18.333	1.50	2.50	5.210	| I O |	|	|	|	2.33
18.417	1.50	2.50	5.203	| I O |	|	|	|	2.33
18.500	1.49	2.49	5.196	| I O |	|	|	|	2.32
18.583	1.43	2.49	5.189	| I O |	|	|	|	2.32
18.667	1.25	2.49	5.181	| I O |	|	|	|	2.32
18.750	1.19	2.48	5.173	| I O |	|	|	|	2.32
18.833	1.10	2.48	5.163	| I O |	|	|	|	2.31
18.917	0.90	2.47	5.153	| I O |	|	|	|	2.31
19.000	0.83	2.47	5.142	| I O |	|	|	|	2.30
19.083	0.86	2.46	5.131	| I O |	|	|	|	2.30
19.167	1.02	2.45	5.121	| I O |	|	|	|	2.30
19.250	1.06	2.45	5.111	| I O |	|	|	|	2.29
19.333	1.15	2.44	5.102	| I O |	|	|	|	2.29
19.417	1.34	2.44	5.093	| I O |	|	|	|	2.29
19.500	1.41	2.44	5.086	| I O |	|	|	|	2.28
19.583	1.38	2.43	5.079	| I O |	|	|	|	2.28
19.667	1.22	2.43	5.071	| I O |	|	|	|	2.28
19.750	1.17	2.42	5.063	| I O |	|	|	|	2.28
19.833	1.09	2.42	5.054	| I O |	|	|	|	2.27
19.917	0.90	2.41	5.044	| I O |	|	|	|	2.27
20.000	0.83	2.41	5.033	| I O |	|	|	|	2.27
20.083	0.86	2.40	5.023	| I O |	|	|	|	2.26
20.167	1.02	2.40	5.013	| I O |	|	|	|	2.26
20.250	1.06	2.39	5.003	| I O |	|	|	|	2.25

20.333	1.09	2.39	4.994	I O				2.25
20.417	1.10	2.38	4.985	I O				2.25
20.500	1.10	2.38	4.977	I O				2.24
20.583	1.11	2.37	4.968	I O				2.24
20.667	1.12	2.37	4.959	I O				2.24
20.750	1.12	2.36	4.951	I O				2.24
20.833	1.06	2.36	4.942	I O				2.23
20.917	0.88	2.35	4.932	I O				2.23
21.000	0.81	2.35	4.922	I O				2.22
21.083	0.85	2.34	4.911	I O				2.22
21.167	1.01	2.34	4.902	I O				2.22
21.250	1.06	2.33	4.893	I O				2.21
21.333	1.02	2.33	4.884	I O				2.21
21.417	0.86	2.32	4.874	I O				2.21
21.500	0.80	2.32	4.864	I O				2.20
21.583	0.84	2.31	4.854	I O				2.20
21.667	1.01	2.31	4.844	I O				2.20
21.750	1.06	2.30	4.836	I O				2.19
21.833	1.02	2.30	4.827	I O				2.19
21.917	0.86	2.29	4.818	I O				2.19
22.000	0.80	2.29	4.807	I O				2.18
22.083	0.84	2.28	4.797	I O				2.18
22.167	1.01	2.28	4.788	I O				2.18
22.250	1.06	2.27	4.780	I O				2.17
22.333	1.02	2.27	4.771	I O				2.17
22.417	0.86	2.26	4.762	I O				2.17
22.500	0.80	2.26	4.752	I O				2.16
22.583	0.78	2.25	4.742	I O				2.16
22.667	0.77	2.25	4.732	I O				2.16
22.750	0.76	2.24	4.722	I O				2.15
22.833	0.75	2.24	4.711	I O				2.15
22.917	0.75	2.23	4.701	I O				2.14
23.000	0.75	2.23	4.691	I O				2.14
23.083	0.75	2.22	4.681	I O				2.14
23.167	0.75	2.21	4.671	I O				2.13
23.250	0.75	2.21	4.661	I O				2.13
23.333	0.75	2.20	4.651	I O				2.13
23.417	0.75	2.20	4.641	I O				2.12
23.500	0.75	2.19	4.631	I O				2.12
23.583	0.75	2.19	4.621	I O				2.12
23.667	0.75	2.18	4.611	I O				2.11
23.750	0.75	2.18	4.601	I O				2.11
23.833	0.75	2.17	4.591	I O				2.10
23.917	0.75	2.17	4.581	I O				2.10
24.000	0.75	2.16	4.571	I O				2.10
24.083	0.62	2.16	4.561	I O				2.09
24.167	0.26	2.15	4.549	I O				2.09
24.250	0.14	2.14	4.536	I O				2.08
24.333	0.08	2.14	4.522	I O				2.08
24.417	0.05	2.13	4.508	I O				2.07
24.500	0.03	2.12	4.493	I O				2.07
24.583	0.02	2.11	4.479	I O				2.06
24.667	0.01	2.11	4.465	I O				2.06
24.750	0.00	2.10	4.450	I O				2.05
24.833	0.00	2.09	4.436	I O				2.05
24.917	0.00	2.08	4.421	I O				2.04
25.000	0.00	2.07	4.407	I O				2.04
25.083	0.00	2.07	4.393	I O				2.03
25.167	0.00	2.06	4.379	I O				2.03
25.250	0.00	2.05	4.364	I O				2.02
25.333	0.00	2.04	4.350	I O				2.02
25.417	0.00	2.04	4.336	I O				2.01
25.500	0.00	2.03	4.322	I O				2.01

25.583	0.00	2.02	4.308	I	O					2.00
25.667	0.00	2.02	4.294	I	O					2.00
25.750	0.00	2.02	4.280	I	O					1.99
25.833	0.00	2.02	4.267	I	O					1.98
25.917	0.00	2.02	4.253	I	O					1.98
26.000	0.00	2.01	4.239	I	O					1.97
26.083	0.00	2.01	4.225	I	O					1.97
26.167	0.00	2.01	4.211	I	O					1.96
26.250	0.00	2.01	4.197	I	O					1.95
26.333	0.00	2.01	4.183	I	O					1.95
26.417	0.00	2.01	4.170	I	O					1.94
26.500	0.00	2.01	4.156	I	O					1.94
26.583	0.00	2.00	4.142	I	O					1.93
26.667	0.00	2.00	4.128	I	O					1.93
26.750	0.00	2.00	4.114	I	O					1.92
26.833	0.00	2.00	4.101	I	O					1.91
26.917	0.00	2.00	4.087	I	O					1.91
27.000	0.00	2.00	4.073	I	O					1.90
27.083	0.00	2.00	4.059	I	O					1.90
27.167	0.00	2.00	4.046	I	O					1.89
27.250	0.00	1.99	4.032	I	O					1.88
27.333	0.00	1.99	4.018	I	O					1.88
27.417	0.00	1.99	4.004	I	O					1.87
27.500	0.00	1.99	3.991	I	O					1.87
27.583	0.00	1.99	3.977	I	O					1.86
27.667	0.00	1.99	3.963	I	O					1.86
27.750	0.00	1.99	3.950	I	O					1.85
27.833	0.00	1.99	3.936	I	O					1.84
27.917	0.00	1.98	3.922	I	O					1.84
28.000	0.00	1.98	3.909	I	O					1.83
28.083	0.00	1.98	3.895	I	O					1.83
28.167	0.00	1.98	3.881	I	O					1.82
28.250	0.00	1.98	3.868	I	O					1.81
28.333	0.00	1.98	3.854	I	O					1.81
28.417	0.00	1.98	3.840	I	O					1.80
28.500	0.00	1.98	3.827	I	O					1.80
28.583	0.00	1.97	3.813	I	O					1.79
28.667	0.00	1.97	3.800	I	O					1.79
28.750	0.00	1.97	3.786	I	O					1.78
28.833	0.00	1.97	3.772	I	O					1.77
28.917	0.00	1.97	3.759	I	O					1.77
29.000	0.00	1.97	3.745	I	O					1.76
29.083	0.00	1.97	3.732	I	O					1.76
29.167	0.00	1.97	3.718	I	O					1.75
29.250	0.00	1.96	3.705	I	O					1.75
29.333	0.00	1.96	3.691	I	O					1.74
29.417	0.00	1.96	3.678	I	O					1.73
29.500	0.00	1.96	3.664	I	O					1.73
29.583	0.00	1.96	3.651	I	O					1.72
29.667	0.00	1.96	3.637	I	O					1.72
29.750	0.00	1.96	3.624	I	O					1.71
29.833	0.00	1.96	3.610	I	O					1.71
29.917	0.00	1.95	3.597	I	O					1.70
30.000	0.00	1.95	3.583	I	O					1.69
30.083	0.00	1.95	3.570	I	O					1.69
30.167	0.00	1.95	3.556	I	O					1.68
30.250	0.00	1.95	3.543	I	O					1.68
30.333	0.00	1.95	3.530	I	O					1.67
30.417	0.00	1.95	3.516	I	O					1.67
30.500	0.00	1.95	3.503	I	O					1.66
30.583	0.00	1.94	3.489	I	O					1.65
30.667	0.00	1.94	3.476	I	O					1.65
30.750	0.00	1.94	3.463	I	O					1.64

30.833	0.00	1.94	3.449	I	O					1.64
30.917	0.00	1.94	3.436	I	O					1.63
31.000	0.00	1.94	3.422	I	O					1.63
31.083	0.00	1.94	3.409	I	O					1.62
31.167	0.00	1.94	3.396	I	O					1.61
31.250	0.00	1.93	3.383	I	O					1.61
31.333	0.00	1.93	3.369	I	O					1.60
31.417	0.00	1.93	3.356	I	O					1.60
31.500	0.00	1.93	3.343	I	O					1.59
31.583	0.00	1.93	3.329	I	O					1.59
31.667	0.00	1.93	3.316	I	O					1.58
31.750	0.00	1.93	3.303	I	O					1.58
31.833	0.00	1.93	3.289	I	O					1.57
31.917	0.00	1.92	3.276	I	O					1.56
32.000	0.00	1.92	3.263	I	O					1.56
32.083	0.00	1.92	3.250	I	O					1.55
32.167	0.00	1.92	3.237	I	O					1.55
32.250	0.00	1.92	3.223	I	O					1.54
32.333	0.00	1.92	3.210	I	O					1.54
32.417	0.00	1.92	3.197	I	O					1.53
32.500	0.00	1.92	3.184	I	O					1.52
32.583	0.00	1.91	3.170	I	O					1.52
32.667	0.00	1.91	3.157	I	O					1.51
32.750	0.00	1.91	3.144	I	O					1.51
32.833	0.00	1.91	3.131	I	O					1.50
32.917	0.00	1.91	3.118	I	O					1.50
33.000	0.00	1.91	3.105	I	O					1.49
33.083	0.00	1.91	3.092	I	O					1.49
33.167	0.00	1.91	3.078	I	O					1.48
33.250	0.00	1.90	3.065	I	O					1.47
33.333	0.00	1.90	3.052	I	O					1.47
33.417	0.00	1.90	3.039	I	O					1.46
33.500	0.00	1.90	3.026	I	O					1.46
33.583	0.00	1.90	3.013	I	O					1.45
33.667	0.00	1.90	3.000	I	O					1.45
33.750	0.00	1.90	2.987	I	O					1.44
33.833	0.00	1.90	2.974	I	O					1.44
33.917	0.00	1.89	2.961	I	O					1.43
34.000	0.00	1.89	2.948	I	O					1.42
34.083	0.00	1.89	2.935	I	O					1.42
34.167	0.00	1.89	2.922	I	O					1.41
34.250	0.00	1.89	2.909	I	O					1.41
34.333	0.00	1.89	2.896	I	O					1.40
34.417	0.00	1.89	2.883	I	O					1.40
34.500	0.00	1.89	2.870	I	O					1.39
34.583	0.00	1.88	2.857	I	O					1.39
34.667	0.00	1.88	2.844	I	O					1.38
34.750	0.00	1.88	2.831	I	O					1.37
34.833	0.00	1.88	2.818	I	O					1.37
34.917	0.00	1.88	2.805	I	O					1.36
35.000	0.00	1.88	2.792	I	O					1.36
35.083	0.00	1.88	2.779	I	O					1.35
35.167	0.00	1.88	2.766	I	O					1.35
35.250	0.00	1.88	2.753	I	O					1.34
35.333	0.00	1.87	2.740	I	O					1.34
35.417	0.00	1.87	2.727	I	O					1.33
35.500	0.00	1.87	2.714	I	O					1.33
35.583	0.00	1.87	2.701	I	O					1.32
35.667	0.00	1.87	2.688	I	O					1.31
35.750	0.00	1.87	2.676	I	O					1.31
35.833	0.00	1.87	2.663	I	O					1.30
35.917	0.00	1.87	2.650	I	O					1.30
36.000	0.00	1.86	2.637	I	O					1.29

36.083	0.00	1.86	2.624	I	O					1.29
36.167	0.00	1.86	2.611	I	O					1.28
36.250	0.00	1.86	2.599	I	O					1.28
36.333	0.00	1.86	2.586	I	O					1.27
36.417	0.00	1.86	2.573	I	O					1.27
36.500	0.00	1.86	2.560	I	O					1.26
36.583	0.00	1.86	2.547	I	O					1.25
36.667	0.00	1.85	2.535	I	O					1.25
36.750	0.00	1.85	2.522	I	O					1.24
36.833	0.00	1.85	2.509	I	O					1.24
36.917	0.00	1.85	2.496	I	O					1.23
37.000	0.00	1.85	2.484	I	O					1.23
37.083	0.00	1.85	2.471	I	O					1.22
37.167	0.00	1.85	2.458	I	O					1.22
37.250	0.00	1.85	2.445	I	O					1.21
37.333	0.00	1.85	2.433	I	O					1.21
37.417	0.00	1.84	2.420	I	O					1.20
37.500	0.00	1.84	2.407	I	O					1.19
37.583	0.00	1.84	2.395	I	O					1.19
37.667	0.00	1.84	2.382	I	O					1.18
37.750	0.00	1.84	2.369	I	O					1.18
37.833	0.00	1.84	2.357	I	O					1.17
37.917	0.00	1.84	2.344	I	O					1.17
38.000	0.00	1.84	2.331	I	O					1.16
38.083	0.00	1.83	2.319	I	O					1.16
38.167	0.00	1.83	2.306	I	O					1.15
38.250	0.00	1.83	2.293	I	O					1.15
38.333	0.00	1.83	2.281	I	O					1.14
38.417	0.00	1.83	2.268	I	O					1.14
38.500	0.00	1.83	2.256	I	O					1.13
38.583	0.00	1.83	2.243	I	O					1.13
38.667	0.00	1.83	2.230	I	O					1.12
38.750	0.00	1.83	2.218	I	O					1.11
38.833	0.00	1.82	2.205	I	O					1.11
38.917	0.00	1.82	2.193	I	O					1.10
39.000	0.00	1.82	2.180	I	O					1.10
39.083	0.00	1.82	2.168	I	O					1.09
39.167	0.00	1.82	2.155	I	O					1.09
39.250	0.00	1.82	2.143	I	O					1.08
39.333	0.00	1.82	2.130	I	O					1.08
39.417	0.00	1.82	2.118	I	O					1.07
39.500	0.00	1.81	2.105	I	O					1.07
39.583	0.00	1.81	2.093	I	O					1.06
39.667	0.00	1.81	2.080	I	O					1.06
39.750	0.00	1.81	2.068	I	O					1.05
39.833	0.00	1.81	2.055	I	O					1.05
39.917	0.00	1.81	2.043	I	O					1.04
40.000	0.00	1.81	2.030	I	O					1.03
40.083	0.00	1.81	2.018	I	O					1.03
40.167	0.00	1.81	2.005	I	O					1.02
40.250	0.00	1.80	1.993	I	O					1.02
40.333	0.00	1.80	1.980	I	O					1.01
40.417	0.00	1.80	1.968	I	O					1.01
40.500	0.00	1.80	1.956	I	O					1.00
40.583	0.00	1.80	1.943	I	O					1.00
40.667	0.00	1.78	1.931	I	O					0.99
40.750	0.00	1.77	1.919	I	O					0.98
40.833	0.00	1.76	1.906	I	O					0.98
40.917	0.00	1.75	1.894	I	O					0.97
41.000	0.00	1.74	1.882	I	O					0.97
41.083	0.00	1.73	1.870	I	O					0.96
41.167	0.00	1.72	1.859	I	O					0.95
41.250	0.00	1.71	1.847	I	O					0.95

41.333	0.00	1.70	1.835	I	O	|	|	|	0.94
41.417	0.00	1.68	1.823	I	O	|	|	|	0.94
41.500	0.00	1.67	1.812	I	O	|	|	|	0.93
41.583	0.00	1.66	1.800	I	O	|	|	|	0.92
41.667	0.00	1.65	1.789	I	O	|	|	|	0.92
41.750	0.00	1.64	1.778	I	O	|	|	|	0.91
41.833	0.00	1.63	1.766	I	O	|	|	|	0.91
41.917	0.00	1.62	1.755	I	O	|	|	|	0.90
42.000	0.00	1.61	1.744	I	O	|	|	|	0.90
42.083	0.00	1.60	1.733	I	O	|	|	|	0.89
42.167	0.00	1.59	1.722	I	O	|	|	|	0.88
42.250	0.00	1.58	1.711	I	O	|	|	|	0.88
42.333	0.00	1.57	1.700	I	O	|	|	|	0.87
42.417	0.00	1.56	1.689	I	O	|	|	|	0.87
42.500	0.00	1.55	1.679	I	O	|	|	|	0.86
42.583	0.00	1.54	1.668	I	O	|	|	|	0.86
42.667	0.00	1.53	1.657	I	O	|	|	|	0.85
42.750	0.00	1.52	1.647	I	O	|	|	|	0.85
42.833	0.00	1.51	1.636	I	O	|	|	|	0.84
42.917	0.00	1.50	1.626	I	O	|	|	|	0.83
43.000	0.00	1.49	1.616	I	O	|	|	|	0.83
43.083	0.00	1.48	1.605	I	O	|	|	|	0.82
43.167	0.00	1.47	1.595	I	O	|	|	|	0.82
43.250	0.00	1.46	1.585	I	O	|	|	|	0.81
43.333	0.00	1.46	1.575	I	O	|	|	|	0.81
43.417	0.00	1.45	1.565	I	O	|	|	|	0.80
43.500	0.00	1.44	1.555	I	O	|	|	|	0.80
43.583	0.00	1.43	1.545	I	O	|	|	|	0.79
43.667	0.00	1.42	1.536	I	O	|	|	|	0.79
43.750	0.00	1.41	1.526	I	O	|	|	|	0.78
43.833	0.00	1.40	1.516	I	O	|	|	|	0.78
43.917	0.00	1.39	1.507	I	O	|	|	|	0.77
44.000	0.00	1.38	1.497	I	O	|	|	|	0.77
44.083	0.00	1.37	1.487	I	O	|	|	|	0.76
44.167	0.00	1.37	1.478	I	O	|	|	|	0.76
44.250	0.00	1.36	1.469	I	O	|	|	|	0.75
44.333	0.00	1.35	1.459	I	O	|	|	|	0.75
44.417	0.00	1.34	1.450	I	O	|	|	|	0.74
44.500	0.00	1.33	1.441	I	O	|	|	|	0.74
44.583	0.00	1.32	1.432	I	O	|	|	|	0.73
44.667	0.00	1.31	1.423	I	O	|	|	|	0.73
44.750	0.00	1.31	1.414	I	O	|	|	|	0.73
44.833	0.00	1.30	1.405	I	O	|	|	|	0.72
44.917	0.00	1.29	1.396	I	O	|	|	|	0.72
45.000	0.00	1.28	1.387	I	O	|	|	|	0.71
45.083	0.00	1.27	1.378	I	O	|	|	|	0.71
45.167	0.00	1.27	1.369	I	O	|	|	|	0.70
45.250	0.00	1.26	1.361	I	O	|	|	|	0.70
45.333	0.00	1.25	1.352	I	O	|	|	|	0.69
45.417	0.00	1.24	1.343	I	O	|	|	|	0.69
45.500	0.00	1.23	1.335	I	O	|	|	|	0.69
45.583	0.00	1.23	1.326	I	O	|	|	|	0.68
45.667	0.00	1.22	1.318	I	O	|	|	|	0.68
45.750	0.00	1.21	1.310	I	O	|	|	|	0.67
45.833	0.00	1.20	1.301	I	O	|	|	|	0.67
45.917	0.00	1.19	1.293	I	O	|	|	|	0.66
46.000	0.00	1.19	1.285	I	O	|	|	|	0.66
46.083	0.00	1.18	1.277	I	O	|	|	|	0.66
46.167	0.00	1.17	1.269	I	O	|	|	|	0.65
46.250	0.00	1.16	1.261	I	O	|	|	|	0.65
46.333	0.00	1.16	1.253	I	O	|	|	|	0.64
46.417	0.00	1.15	1.245	I	O	|	|	|	0.64
46.500	0.00	1.14	1.237	I	O	|	|	|	0.63

46.583	0.00	1.14	1.229	I O				0.63
46.667	0.00	1.13	1.221	I O				0.63
46.750	0.00	1.12	1.213	I O				0.62
46.833	0.00	1.11	1.206	I O				0.62
46.917	0.00	1.11	1.198	I O				0.62
47.000	0.00	1.10	1.190	I O				0.61
47.083	0.00	1.09	1.183	I O				0.61
47.167	0.00	1.09	1.175	I O				0.60
47.250	0.00	1.08	1.168	I O				0.60
47.333	0.00	1.07	1.161	I O				0.60
47.417	0.00	1.07	1.153	I O				0.59
47.500	0.00	1.06	1.146	I O				0.59
47.583	0.00	1.05	1.139	I O				0.58
47.667	0.00	1.05	1.131	I O				0.58
47.750	0.00	1.04	1.124	I O				0.58
47.833	0.00	1.03	1.117	I O				0.57
47.917	0.00	1.03	1.110	I O				0.57
48.000	0.00	1.02	1.103	I O				0.57
48.083	0.00	1.01	1.096	I O				0.56
48.167	0.00	1.01	1.089	I O				0.56
48.250	0.00	1.00	1.082	I O				0.56
48.333	0.00	0.99	1.075	I O				0.55
48.417	0.00	0.99	1.068	I O				0.55
48.500	0.00	0.98	1.062	I O				0.54
48.583	0.00	0.97	1.055	I O				0.54
48.667	0.00	0.97	1.048	I O				0.54
48.750	0.00	0.96	1.042	I O				0.53
48.833	0.00	0.96	1.035	I O				0.53
48.917	0.00	0.95	1.028	I O				0.53
49.000	0.00	0.94	1.022	I O				0.52
49.083	0.00	0.94	1.015	I O				0.52
49.167	0.00	0.93	1.009	I O				0.52
49.250	0.00	0.93	1.003	I O				0.51
49.333	0.00	0.92	0.996	I O				0.51
49.417	0.00	0.91	0.990	I O				0.51
49.500	0.00	0.91	0.984	I O				0.50
49.583	0.00	0.90	0.977	I O				0.50
49.667	0.00	0.90	0.971	I O				0.50
49.750	0.00	0.89	0.965	I O				0.50
49.833	0.00	0.89	0.959	I O				0.49
49.917	0.00	0.88	0.953	I O				0.49
50.000	0.00	0.87	0.947	I O				0.49
50.083	0.00	0.87	0.941	I O				0.48
50.167	0.00	0.86	0.935	I O				0.48
50.250	0.00	0.86	0.929	I O				0.48
50.333	0.00	0.85	0.923	I O				0.47
50.417	0.00	0.85	0.917	I O				0.47
50.500	0.00	0.84	0.911	I O				0.47
50.583	0.00	0.84	0.905	I O				0.46
50.667	0.00	0.83	0.900	I O				0.46
50.750	0.00	0.83	0.894	I O				0.46
50.833	0.00	0.82	0.888	I O				0.46
50.917	0.00	0.82	0.883	I O				0.45
51.000	0.00	0.81	0.877	I O				0.45
51.083	0.00	0.81	0.872	I O				0.45
51.167	0.00	0.80	0.866	I O				0.44
51.250	0.00	0.80	0.861	I O				0.44
51.333	0.00	0.79	0.855	I O				0.44
51.417	0.00	0.79	0.850	IO				0.44
51.500	0.00	0.78	0.844	IO				0.43
51.583	0.00	0.78	0.839	IO				0.43
51.667	0.00	0.77	0.834	IO				0.43
51.750	0.00	0.77	0.828	IO				0.43

51.833	0.00	0.76	0.823	IO				0.42
51.917	0.00	0.76	0.818	IO				0.42
52.000	0.00	0.75	0.813	IO				0.42
52.083	0.00	0.75	0.807	IO				0.41
52.167	0.00	0.74	0.802	IO				0.41
52.250	0.00	0.74	0.797	IO				0.41
52.333	0.00	0.73	0.792	IO				0.41
52.417	0.00	0.73	0.787	IO				0.40
52.500	0.00	0.72	0.782	IO				0.40
52.583	0.00	0.72	0.777	IO				0.40
52.667	0.00	0.71	0.772	IO				0.40
52.750	0.00	0.71	0.767	IO				0.39
52.833	0.00	0.70	0.763	IO				0.39
52.917	0.00	0.70	0.758	IO				0.39
53.000	0.00	0.70	0.753	IO				0.39
53.083	0.00	0.69	0.748	IO				0.38
53.167	0.00	0.69	0.743	IO				0.38
53.250	0.00	0.68	0.739	IO				0.38
53.333	0.00	0.68	0.734	IO				0.38
53.417	0.00	0.67	0.729	IO				0.37
53.500	0.00	0.67	0.725	IO				0.37
53.583	0.00	0.67	0.720	IO				0.37
53.667	0.00	0.66	0.715	IO				0.37
53.750	0.00	0.66	0.711	IO				0.36
53.833	0.00	0.65	0.706	IO				0.36
53.917	0.00	0.65	0.702	IO				0.36
54.000	0.00	0.64	0.698	IO				0.36
54.083	0.00	0.64	0.693	IO				0.36
54.167	0.00	0.64	0.689	IO				0.35
54.250	0.00	0.63	0.684	IO				0.35
54.333	0.00	0.63	0.680	IO				0.35
54.417	0.00	0.62	0.676	IO				0.35
54.500	0.00	0.62	0.671	IO				0.34
54.583	0.00	0.62	0.667	IO				0.34
54.667	0.00	0.61	0.663	IO				0.34
54.750	0.00	0.61	0.659	IO				0.34
54.833	0.00	0.60	0.655	IO				0.34
54.917	0.00	0.60	0.650	IO				0.33
55.000	0.00	0.60	0.646	IO				0.33
55.083	0.00	0.59	0.642	IO				0.33
55.167	0.00	0.59	0.638	IO				0.33
55.250	0.00	0.59	0.634	IO				0.33
55.333	0.00	0.58	0.630	IO				0.32
55.417	0.00	0.58	0.626	IO				0.32
55.500	0.00	0.57	0.622	IO				0.32
55.583	0.00	0.57	0.618	IO				0.32
55.667	0.00	0.57	0.614	IO				0.32
55.750	0.00	0.56	0.610	IO				0.31
55.833	0.00	0.56	0.606	IO				0.31
55.917	0.00	0.56	0.603	IO				0.31
56.000	0.00	0.55	0.599	IO				0.31
56.083	0.00	0.55	0.595	IO				0.31
56.167	0.00	0.55	0.591	IO				0.30
56.250	0.00	0.54	0.587	IO				0.30
56.333	0.00	0.54	0.584	IO				0.30
56.417	0.00	0.54	0.580	IO				0.30
56.500	0.00	0.53	0.576	IO				0.30
56.583	0.00	0.53	0.573	IO				0.29
56.667	0.00	0.53	0.569	IO				0.29
56.750	0.00	0.52	0.565	IO				0.29
56.833	0.00	0.52	0.562	IO				0.29
56.917	0.00	0.52	0.558	IO				0.29
57.000	0.00	0.51	0.555	IO				0.28

57.083	0.00	0.51	0.551	IO				0.28
57.167	0.00	0.51	0.548	IO				0.28
57.250	0.00	0.50	0.544	IO				0.28
57.333	0.00	0.50	0.541	IO				0.28
57.417	0.00	0.50	0.537	IO				0.28
57.500	0.00	0.49	0.534	IO				0.27
57.583	0.00	0.49	0.531	IO				0.27
57.667	0.00	0.49	0.527	IO				0.27
57.750	0.00	0.48	0.524	IO				0.27
57.833	0.00	0.48	0.520	IO				0.27
57.917	0.00	0.48	0.517	IO				0.27
58.000	0.00	0.47	0.514	IO				0.26
58.083	0.00	0.47	0.511	IO				0.26
58.167	0.00	0.47	0.507	IO				0.26
58.250	0.00	0.47	0.504	IO				0.26
58.333	0.00	0.46	0.501	IO				0.26
58.417	0.00	0.46	0.498	IO				0.26
58.500	0.00	0.46	0.495	IO				0.25
58.583	0.00	0.45	0.492	IO				0.25
58.667	0.00	0.45	0.488	IO				0.25
58.750	0.00	0.45	0.485	IO				0.25
58.833	0.00	0.45	0.482	IO				0.25
58.917	0.00	0.44	0.479	IO				0.25
59.000	0.00	0.44	0.476	IO				0.24
59.083	0.00	0.44	0.473	IO				0.24
59.167	0.00	0.43	0.470	IO				0.24
59.250	0.00	0.43	0.467	IO				0.24
59.333	0.00	0.43	0.464	IO				0.24
59.417	0.00	0.43	0.461	IO				0.24
59.500	0.00	0.42	0.458	IO				0.24
59.583	0.00	0.42	0.455	IO				0.23
59.667	0.00	0.42	0.452	IO				0.23
59.750	0.00	0.42	0.450	IO				0.23
59.833	0.00	0.41	0.447	IO				0.23
59.917	0.00	0.41	0.444	IO				0.23
60.000	0.00	0.41	0.441	IO				0.23
60.083	0.00	0.41	0.438	IO				0.23
60.167	0.00	0.40	0.436	IO				0.22
60.250	0.00	0.40	0.433	IO				0.22
60.333	0.00	0.40	0.430	IO				0.22
60.417	0.00	0.39	0.427	IO				0.22
60.500	0.00	0.39	0.425	O				0.22
60.583	0.00	0.39	0.422	O				0.22
60.667	0.00	0.39	0.419	O				0.22
60.750	0.00	0.38	0.417	O				0.21
60.833	0.00	0.38	0.414	O				0.21
60.917	0.00	0.38	0.411	O				0.21
61.000	0.00	0.38	0.409	O				0.21
61.083	0.00	0.38	0.406	O				0.21
61.167	0.00	0.37	0.404	O				0.21
61.250	0.00	0.37	0.401	O				0.21
61.333	0.00	0.37	0.398	O				0.20
61.417	0.00	0.37	0.396	O				0.20
61.500	0.00	0.36	0.393	O				0.20
61.583	0.00	0.36	0.391	O				0.20
61.667	0.00	0.36	0.388	O				0.20
61.750	0.00	0.36	0.386	O				0.20
61.833	0.00	0.35	0.383	O				0.20
61.917	0.00	0.35	0.381	O				0.20
62.000	0.00	0.35	0.379	O				0.19
62.083	0.00	0.35	0.376	O				0.19
62.167	0.00	0.35	0.374	O				0.19
62.250	0.00	0.34	0.371	O				0.19

62.333	0.00	0.34	0.369	O				0.19
62.417	0.00	0.34	0.367	O				0.19
62.500	0.00	0.34	0.364	O				0.19
62.583	0.00	0.33	0.362	O				0.19
62.667	0.00	0.33	0.360	O				0.18
62.750	0.00	0.33	0.358	O				0.18
62.833	0.00	0.33	0.355	O				0.18
62.917	0.00	0.33	0.353	O				0.18
63.000	0.00	0.32	0.351	O				0.18
63.083	0.00	0.32	0.349	O				0.18
63.167	0.00	0.32	0.346	O				0.18
63.250	0.00	0.32	0.344	O				0.18
63.333	0.00	0.32	0.342	O				0.18
63.417	0.00	0.31	0.340	O				0.17
63.500	0.00	0.31	0.338	O				0.17
63.583	0.00	0.31	0.336	O				0.17
63.667	0.00	0.31	0.333	O				0.17
63.750	0.00	0.31	0.331	O				0.17
63.833	0.00	0.30	0.329	O				0.17
63.917	0.00	0.30	0.327	O				0.17
64.000	0.00	0.30	0.325	O				0.17
64.083	0.00	0.30	0.323	O				0.17
64.167	0.00	0.30	0.321	O				0.16
64.250	0.00	0.29	0.319	O				0.16
64.333	0.00	0.29	0.317	O				0.16
64.417	0.00	0.29	0.315	O				0.16
64.500	0.00	0.29	0.313	O				0.16
64.583	0.00	0.29	0.311	O				0.16
64.667	0.00	0.29	0.309	O				0.16
64.750	0.00	0.28	0.307	O				0.16
64.833	0.00	0.28	0.305	O				0.16
64.917	0.00	0.28	0.303	O				0.16
65.000	0.00	0.28	0.301	O				0.15
65.083	0.00	0.28	0.299	O				0.15
65.167	0.00	0.27	0.297	O				0.15
65.250	0.00	0.27	0.295	O				0.15
65.333	0.00	0.27	0.294	O				0.15
65.417	0.00	0.27	0.292	O				0.15
65.500	0.00	0.27	0.290	O				0.15
65.583	0.00	0.27	0.288	O				0.15
65.667	0.00	0.26	0.286	O				0.15
65.750	0.00	0.26	0.284	O				0.15
65.833	0.00	0.26	0.283	O				0.15
65.917	0.00	0.26	0.281	O				0.14
66.000	0.00	0.26	0.279	O				0.14
66.083	0.00	0.26	0.277	O				0.14
66.167	0.00	0.25	0.275	O				0.14
66.250	0.00	0.25	0.274	O				0.14
66.333	0.00	0.25	0.272	O				0.14
66.417	0.00	0.25	0.270	O				0.14
66.500	0.00	0.25	0.269	O				0.14
66.583	0.00	0.25	0.267	O				0.14
66.667	0.00	0.24	0.265	O				0.14
66.750	0.00	0.24	0.263	O				0.14
66.833	0.00	0.24	0.262	O				0.13
66.917	0.00	0.24	0.260	O				0.13
67.000	0.00	0.24	0.258	O				0.13
67.083	0.00	0.24	0.257	O				0.13
67.167	0.00	0.24	0.255	O				0.13
67.250	0.00	0.23	0.254	O				0.13
67.333	0.00	0.23	0.252	O				0.13
67.417	0.00	0.23	0.250	O				0.13
67.500	0.00	0.23	0.249	O				0.13

67.583	0.00	0.23	0.247	O				0.13
67.667	0.00	0.23	0.246	O				0.13
67.750	0.00	0.23	0.244	O				0.13
67.833	0.00	0.22	0.243	O				0.12
67.917	0.00	0.22	0.241	O				0.12
68.000	0.00	0.22	0.239	O				0.12
68.083	0.00	0.22	0.238	O				0.12
68.167	0.00	0.22	0.236	O				0.12
68.250	0.00	0.22	0.235	O				0.12
68.333	0.00	0.22	0.233	O				0.12
68.417	0.00	0.21	0.232	O				0.12
68.500	0.00	0.21	0.230	O				0.12
68.583	0.00	0.21	0.229	O				0.12
68.667	0.00	0.21	0.228	O				0.12
68.750	0.00	0.21	0.226	O				0.12
68.833	0.00	0.21	0.225	O				0.12
68.917	0.00	0.21	0.223	O				0.11
69.000	0.00	0.21	0.222	O				0.11
69.083	0.00	0.20	0.220	O				0.11
69.167	0.00	0.20	0.219	O				0.11
69.250	0.00	0.20	0.218	O				0.11
69.333	0.00	0.20	0.216	O				0.11
69.417	0.00	0.20	0.215	O				0.11
69.500	0.00	0.20	0.214	O				0.11
69.583	0.00	0.20	0.212	O				0.11
69.667	0.00	0.19	0.211	O				0.11
69.750	0.00	0.19	0.210	O				0.11
69.833	0.00	0.19	0.208	O				0.11
69.917	0.00	0.19	0.207	O				0.11
70.000	0.00	0.19	0.206	O				0.11
70.083	0.00	0.19	0.204	O				0.10
70.167	0.00	0.19	0.203	O				0.10
70.250	0.00	0.19	0.202	O				0.10
70.333	0.00	0.19	0.200	O				0.10
70.417	0.00	0.18	0.199	O				0.10
70.500	0.00	0.18	0.198	O				0.10
70.583	0.00	0.18	0.197	O				0.10
70.667	0.00	0.18	0.195	O				0.10
70.750	0.00	0.18	0.194	O				0.10
70.833	0.00	0.18	0.193	O				0.10
70.917	0.00	0.18	0.192	O				0.10
71.000	0.00	0.18	0.190	O				0.10
71.083	0.00	0.17	0.189	O				0.10
71.167	0.00	0.17	0.188	O				0.10
71.250	0.00	0.17	0.187	O				0.10
71.333	0.00	0.17	0.186	O				0.10
71.417	0.00	0.17	0.184	O				0.09
71.500	0.00	0.17	0.183	O				0.09
71.583	0.00	0.17	0.182	O				0.09
71.667	0.00	0.17	0.181	O				0.09
71.750	0.00	0.17	0.180	O				0.09
71.833	0.00	0.17	0.179	O				0.09
71.917	0.00	0.16	0.178	O				0.09
72.000	0.00	0.16	0.176	O				0.09
72.083	0.00	0.16	0.175	O				0.09
72.167	0.00	0.16	0.174	O				0.09
72.250	0.00	0.16	0.173	O				0.09
72.333	0.00	0.16	0.172	O				0.09
72.417	0.00	0.16	0.171	O				0.09
72.500	0.00	0.16	0.170	O				0.09
72.583	0.00	0.16	0.169	O				0.09
72.667	0.00	0.15	0.168	O				0.09
72.750	0.00	0.15	0.167	O				0.09

72.833	0.00	0.15	0.166	O				0.08
72.917	0.00	0.15	0.165	O				0.08
73.000	0.00	0.15	0.163	O				0.08
73.083	0.00	0.15	0.162	O				0.08
73.167	0.00	0.15	0.161	O				0.08
73.250	0.00	0.15	0.160	O				0.08
73.333	0.00	0.15	0.159	O				0.08
73.417	0.00	0.15	0.158	O				0.08
73.500	0.00	0.15	0.157	O				0.08
73.583	0.00	0.14	0.156	O				0.08
73.667	0.00	0.14	0.155	O				0.08
73.750	0.00	0.14	0.154	O				0.08
73.833	0.00	0.14	0.153	O				0.08
73.917	0.00	0.14	0.152	O				0.08
74.000	0.00	0.14	0.151	O				0.08
74.083	0.00	0.14	0.150	O				0.08
74.167	0.00	0.14	0.150	O				0.08
74.250	0.00	0.14	0.149	O				0.08
74.333	0.00	0.14	0.148	O				0.08
74.417	0.00	0.14	0.147	O				0.08
74.500	0.00	0.13	0.146	O				0.07
74.583	0.00	0.13	0.145	O				0.07
74.667	0.00	0.13	0.144	O				0.07
74.750	0.00	0.13	0.143	O				0.07
74.833	0.00	0.13	0.142	O				0.07
74.917	0.00	0.13	0.141	O				0.07
75.000	0.00	0.13	0.140	O				0.07
75.083	0.00	0.13	0.139	O				0.07
75.167	0.00	0.13	0.139	O				0.07
75.250	0.00	0.13	0.138	O				0.07
75.333	0.00	0.13	0.137	O				0.07
75.417	0.00	0.13	0.136	O				0.07
75.500	0.00	0.12	0.135	O				0.07
75.583	0.00	0.12	0.134	O				0.07
75.667	0.00	0.12	0.133	O				0.07
75.750	0.00	0.12	0.132	O				0.07
75.833	0.00	0.12	0.132	O				0.07
75.917	0.00	0.12	0.131	O				0.07
76.000	0.00	0.12	0.130	O				0.07
76.083	0.00	0.12	0.129	O				0.07
76.167	0.00	0.12	0.128	O				0.07
76.250	0.00	0.12	0.128	O				0.07
76.333	0.00	0.12	0.127	O				0.07
76.417	0.00	0.12	0.126	O				0.06
76.500	0.00	0.12	0.125	O				0.06
76.583	0.00	0.11	0.124	O				0.06
76.667	0.00	0.11	0.124	O				0.06
76.750	0.00	0.11	0.123	O				0.06
76.833	0.00	0.11	0.122	O				0.06
76.917	0.00	0.11	0.121	O				0.06
77.000	0.00	0.11	0.120	O				0.06
77.083	0.00	0.11	0.120	O				0.06
77.167	0.00	0.11	0.119	O				0.06
77.250	0.00	0.11	0.118	O				0.06
77.333	0.00	0.11	0.117	O				0.06
77.417	0.00	0.11	0.117	O				0.06
77.500	0.00	0.11	0.116	O				0.06
77.583	0.00	0.11	0.115	O				0.06
77.667	0.00	0.11	0.114	O				0.06
77.750	0.00	0.11	0.114	O				0.06
77.833	0.00	0.10	0.113	O				0.06
77.917	0.00	0.10	0.112	O				0.06
78.000	0.00	0.10	0.112	O				0.06

78.083	0.00	0.10	0.111	O				0.06
78.167	0.00	0.10	0.110	O				0.06
78.250	0.00	0.10	0.109	O				0.06
78.333	0.00	0.10	0.109	O				0.06
78.417	0.00	0.10	0.108	O				0.06
78.500	0.00	0.10	0.107	O				0.06
78.583	0.00	0.10	0.107	O				0.05
78.667	0.00	0.10	0.106	O				0.05
78.750	0.00	0.10	0.105	O				0.05
78.833	0.00	0.10	0.105	O				0.05
78.917	0.00	0.10	0.104	O				0.05
79.000	0.00	0.10	0.103	O				0.05
79.083	0.00	0.09	0.103	O				0.05
79.167	0.00	0.09	0.102	O				0.05
79.250	0.00	0.09	0.101	O				0.05
79.333	0.00	0.09	0.101	O				0.05
79.417	0.00	0.09	0.100	O				0.05
79.500	0.00	0.09	0.100	O				0.05
79.583	0.00	0.09	0.099	O				0.05
79.667	0.00	0.09	0.098	O				0.05
79.750	0.00	0.09	0.098	O				0.05
79.833	0.00	0.09	0.097	O				0.05
79.917	0.00	0.09	0.096	O				0.05
80.000	0.00	0.09	0.096	O				0.05
80.083	0.00	0.09	0.095	O				0.05
80.167	0.00	0.09	0.095	O				0.05
80.250	0.00	0.09	0.094	O				0.05
80.333	0.00	0.09	0.093	O				0.05
80.417	0.00	0.09	0.093	O				0.05
80.500	0.00	0.09	0.092	O				0.05
80.583	0.00	0.08	0.092	O				0.05
80.667	0.00	0.08	0.091	O				0.05
80.750	0.00	0.08	0.090	O				0.05
80.833	0.00	0.08	0.090	O				0.05
80.917	0.00	0.08	0.089	O				0.05
81.000	0.00	0.08	0.089	O				0.05
81.083	0.00	0.08	0.088	O				0.05
81.167	0.00	0.08	0.088	O				0.04
81.250	0.00	0.08	0.087	O				0.04
81.333	0.00	0.08	0.087	O				0.04
81.417	0.00	0.08	0.086	O				0.04
81.500	0.00	0.08	0.085	O				0.04
81.583	0.00	0.08	0.085	O				0.04
81.667	0.00	0.08	0.084	O				0.04
81.750	0.00	0.08	0.084	O				0.04
81.833	0.00	0.08	0.083	O				0.04
81.917	0.00	0.08	0.083	O				0.04
82.000	0.00	0.08	0.082	O				0.04
82.083	0.00	0.08	0.082	O				0.04
82.167	0.00	0.08	0.081	O				0.04
82.250	0.00	0.07	0.081	O				0.04
82.333	0.00	0.07	0.080	O				0.04
82.417	0.00	0.07	0.080	O				0.04
82.500	0.00	0.07	0.079	O				0.04
82.583	0.00	0.07	0.079	O				0.04
82.667	0.00	0.07	0.078	O				0.04
82.750	0.00	0.07	0.078	O				0.04
82.833	0.00	0.07	0.077	O				0.04
82.917	0.00	0.07	0.077	O				0.04
83.000	0.00	0.07	0.076	O				0.04
83.083	0.00	0.07	0.076	O				0.04
83.167	0.00	0.07	0.075	O				0.04
83.250	0.00	0.07	0.075	O				0.04

83.333	0.00	0.07	0.074	O				0.04
83.417	0.00	0.07	0.074	O				0.04
83.500	0.00	0.07	0.073	O				0.04
83.583	0.00	0.07	0.073	O				0.04
83.667	0.00	0.07	0.072	O				0.04
83.750	0.00	0.07	0.072	O				0.04
83.833	0.00	0.07	0.071	O				0.04
83.917	0.00	0.07	0.071	O				0.04
84.000	0.00	0.07	0.071	O				0.04
84.083	0.00	0.06	0.070	O				0.04
84.167	0.00	0.06	0.070	O				0.04
84.250	0.00	0.06	0.069	O				0.04
84.333	0.00	0.06	0.069	O				0.04
84.417	0.00	0.06	0.068	O				0.04
84.500	0.00	0.06	0.068	O				0.03
84.583	0.00	0.06	0.067	O				0.03
84.667	0.00	0.06	0.067	O				0.03
84.750	0.00	0.06	0.067	O				0.03
84.833	0.00	0.06	0.066	O				0.03
84.917	0.00	0.06	0.066	O				0.03
85.000	0.00	0.06	0.065	O				0.03
85.083	0.00	0.06	0.065	O				0.03
85.167	0.00	0.06	0.065	O				0.03
85.250	0.00	0.06	0.064	O				0.03
85.333	0.00	0.06	0.064	O				0.03
85.417	0.00	0.06	0.063	O				0.03
85.500	0.00	0.06	0.063	O				0.03
85.583	0.00	0.06	0.063	O				0.03
85.667	0.00	0.06	0.062	O				0.03
85.750	0.00	0.06	0.062	O				0.03
85.833	0.00	0.06	0.061	O				0.03
85.917	0.00	0.06	0.061	O				0.03
86.000	0.00	0.06	0.061	O				0.03
86.083	0.00	0.06	0.060	O				0.03
86.167	0.00	0.06	0.060	O				0.03
86.250	0.00	0.05	0.059	O				0.03
86.333	0.00	0.05	0.059	O				0.03
86.417	0.00	0.05	0.059	O				0.03
86.500	0.00	0.05	0.058	O				0.03
86.583	0.00	0.05	0.058	O				0.03
86.667	0.00	0.05	0.058	O				0.03
86.750	0.00	0.05	0.057	O				0.03
86.833	0.00	0.05	0.057	O				0.03
86.917	0.00	0.05	0.056	O				0.03
87.000	0.00	0.05	0.056	O				0.03
87.083	0.00	0.05	0.056	O				0.03
87.167	0.00	0.05	0.055	O				0.03
87.250	0.00	0.05	0.055	O				0.03
87.333	0.00	0.05	0.055	O				0.03
87.417	0.00	0.05	0.054	O				0.03
87.500	0.00	0.05	0.054	O				0.03
87.583	0.00	0.05	0.054	O				0.03
87.667	0.00	0.05	0.053	O				0.03
87.750	0.00	0.05	0.053	O				0.03
87.833	0.00	0.05	0.053	O				0.03
87.917	0.00	0.05	0.052	O				0.03
88.000	0.00	0.05	0.052	O				0.03
88.083	0.00	0.05	0.052	O				0.03
88.167	0.00	0.05	0.051	O				0.03
88.250	0.00	0.05	0.051	O				0.03
88.333	0.00	0.05	0.051	O				0.03
88.417	0.00	0.05	0.050	O				0.03
88.500	0.00	0.05	0.050	O				0.03

88.583	0.00	0.05	0.050	O					0.03
88.667	0.00	0.05	0.049	O					0.03
88.750	0.00	0.05	0.049	O					0.03
88.833	0.00	0.05	0.049	O					0.03
88.917	0.00	0.04	0.048	O					0.02
89.000	0.00	0.04	0.048	O					0.02
89.083	0.00	0.04	0.048	O					0.02
89.167	0.00	0.04	0.048	O					0.02
89.250	0.00	0.04	0.047	O					0.02
89.333	0.00	0.04	0.047	O					0.02
89.417	0.00	0.04	0.047	O					0.02
89.500	0.00	0.04	0.046	O					0.02
89.583	0.00	0.04	0.046	O					0.02
89.667	0.00	0.04	0.046	O					0.02
89.750	0.00	0.04	0.045	O					0.02
89.833	0.00	0.04	0.045	O					0.02
89.917	0.00	0.04	0.045	O					0.02
90.000	0.00	0.04	0.045	O					0.02
90.083	0.00	0.04	0.044	O					0.02
90.167	0.00	0.04	0.044	O					0.02
90.250	0.00	0.04	0.044	O					0.02
90.333	0.00	0.04	0.044	O					0.02
90.417	0.00	0.04	0.043	O					0.02
90.500	0.00	0.04	0.043	O					0.02
90.583	0.00	0.04	0.043	O					0.02
90.667	0.00	0.04	0.042	O					0.02
90.750	0.00	0.04	0.042	O					0.02
90.833	0.00	0.04	0.042	O					0.02
90.917	0.00	0.04	0.042	O					0.02
91.000	0.00	0.04	0.041	O					0.02
91.083	0.00	0.04	0.041	O					0.02
91.167	0.00	0.04	0.041	O					0.02
91.250	0.00	0.04	0.041	O					0.02
91.333	0.00	0.04	0.040	O					0.02
91.417	0.00	0.04	0.040	O					0.02
91.500	0.00	0.04	0.040	O					0.02
91.583	0.00	0.04	0.040	O					0.02
91.667	0.00	0.04	0.039	O					0.02
91.750	0.00	0.04	0.039	O					0.02
91.833	0.00	0.04	0.039	O					0.02
91.917	0.00	0.04	0.039	O					0.02
92.000	0.00	0.04	0.038	O					0.02
92.083	0.00	0.04	0.038	O					0.02
92.167	0.00	0.03	0.038	O					0.02
92.250	0.00	0.03	0.038	O					0.02
92.333	0.00	0.03	0.037	O					0.02
92.417	0.00	0.03	0.037	O					0.02
92.500	0.00	0.03	0.037	O					0.02
92.583	0.00	0.03	0.037	O					0.02
92.667	0.00	0.03	0.036	O					0.02
92.750	0.00	0.03	0.036	O					0.02
92.833	0.00	0.03	0.036	O					0.02
92.917	0.00	0.03	0.036	O					0.02
93.000	0.00	0.03	0.035	O					0.02
93.083	0.00	0.03	0.035	O					0.02
93.167	0.00	0.03	0.035	O					0.02
93.250	0.00	0.03	0.035	O					0.02
93.333	0.00	0.03	0.035	O					0.02
93.417	0.00	0.03	0.034	O					0.02
93.500	0.00	0.03	0.034	O					0.02
93.583	0.00	0.03	0.034	O					0.02
93.667	0.00	0.03	0.034	O					0.02
93.750	0.00	0.03	0.034	O					0.02

93.833	0.00	0.03	0.033	O				0.02
93.917	0.00	0.03	0.033	O				0.02
94.000	0.00	0.03	0.033	O				0.02
94.083	0.00	0.03	0.033	O				0.02
94.167	0.00	0.03	0.032	O				0.02
94.250	0.00	0.03	0.032	O				0.02
94.333	0.00	0.03	0.032	O				0.02
94.417	0.00	0.03	0.032	O				0.02
94.500	0.00	0.03	0.032	O				0.02
94.583	0.00	0.03	0.031	O				0.02
94.667	0.00	0.03	0.031	O				0.02
94.750	0.00	0.03	0.031	O				0.02
94.833	0.00	0.03	0.031	O				0.02
94.917	0.00	0.03	0.031	O				0.02
95.000	0.00	0.03	0.030	O				0.02
95.083	0.00	0.03	0.030	O				0.02
95.167	0.00	0.03	0.030	O				0.02
95.250	0.00	0.03	0.030	O				0.02
95.333	0.00	0.03	0.030	O				0.02
95.417	0.00	0.03	0.030	O				0.02
95.500	0.00	0.03	0.029	O				0.02
95.583	0.00	0.03	0.029	O				0.01
95.667	0.00	0.03	0.029	O				0.01
95.750	0.00	0.03	0.029	O				0.01
95.833	0.00	0.03	0.029	O				0.01
95.917	0.00	0.03	0.028	O				0.01
96.000	0.00	0.03	0.028	O				0.01
96.083	0.00	0.03	0.028	O				0.01
96.167	0.00	0.03	0.028	O				0.01
96.250	0.00	0.03	0.028	O				0.01
96.333	0.00	0.03	0.028	O				0.01
96.417	0.00	0.03	0.027	O				0.01
96.500	0.00	0.03	0.027	O				0.01
96.583	0.00	0.02	0.027	O				0.01
96.667	0.00	0.02	0.027	O				0.01
96.750	0.00	0.02	0.027	O				0.01
96.833	0.00	0.02	0.026	O				0.01
96.917	0.00	0.02	0.026	O				0.01
97.000	0.00	0.02	0.026	O				0.01
97.083	0.00	0.02	0.026	O				0.01
97.167	0.00	0.02	0.026	O				0.01
97.250	0.00	0.02	0.026	O				0.01
97.333	0.00	0.02	0.025	O				0.01
97.417	0.00	0.02	0.025	O				0.01
97.500	0.00	0.02	0.025	O				0.01
97.583	0.00	0.02	0.025	O				0.01
97.667	0.00	0.02	0.025	O				0.01
97.750	0.00	0.02	0.025	O				0.01
97.833	0.00	0.02	0.025	O				0.01
97.917	0.00	0.02	0.024	O				0.01
98.000	0.00	0.02	0.024	O				0.01
98.083	0.00	0.02	0.024	O				0.01
98.167	0.00	0.02	0.024	O				0.01
98.250	0.00	0.02	0.024	O				0.01
98.333	0.00	0.02	0.024	O				0.01
98.417	0.00	0.02	0.023	O				0.01
98.500	0.00	0.02	0.023	O				0.01
98.583	0.00	0.02	0.023	O				0.01
98.667	0.00	0.02	0.023	O				0.01
98.750	0.00	0.02	0.023	O				0.01
98.833	0.00	0.02	0.023	O				0.01
98.917	0.00	0.02	0.023	O				0.01
99.000	0.00	0.02	0.022	O				0.01

99.083	0.00	0.02	0.022	O				0.01
99.167	0.00	0.02	0.022	O				0.01
99.250	0.00	0.02	0.022	O				0.01
99.333	0.00	0.02	0.022	O				0.01
99.417	0.00	0.02	0.022	O				0.01
99.500	0.00	0.02	0.022	O				0.01
99.583	0.00	0.02	0.021	O				0.01
99.667	0.00	0.02	0.021	O				0.01
99.750	0.00	0.02	0.021	O				0.01
99.833	0.00	0.02	0.021	O				0.01
99.917	0.00	0.02	0.021	O				0.01
100.000	0.00	0.02	0.021	O				0.01
100.083	0.00	0.02	0.021	O				0.01
100.167	0.00	0.02	0.021	O				0.01
100.250	0.00	0.02	0.020	O				0.01
100.333	0.00	0.02	0.020	O				0.01
100.417	0.00	0.02	0.020	O				0.01
100.500	0.00	0.02	0.020	O				0.01
100.583	0.00	0.02	0.020	O				0.01
100.667	0.00	0.02	0.020	O				0.01
100.750	0.00	0.02	0.020	O				0.01
100.833	0.00	0.02	0.020	O				0.01
100.917	0.00	0.02	0.019	O				0.01
101.000	0.00	0.02	0.019	O				0.01
101.083	0.00	0.02	0.019	O				0.01
101.167	0.00	0.02	0.019	O				0.01
101.250	0.00	0.02	0.019	O				0.01
101.333	0.00	0.02	0.019	O				0.01
101.417	0.00	0.02	0.019	O				0.01
101.500	0.00	0.02	0.019	O				0.01
101.583	0.00	0.02	0.018	O				0.01
101.667	0.00	0.02	0.018	O				0.01
101.750	0.00	0.02	0.018	O				0.01
101.833	0.00	0.02	0.018	O				0.01
101.917	0.00	0.02	0.018	O				0.01
102.000	0.00	0.02	0.018	O				0.01
102.083	0.00	0.02	0.018	O				0.01
102.167	0.00	0.02	0.018	O				0.01
102.250	0.00	0.02	0.018	O				0.01
102.333	0.00	0.02	0.017	O				0.01
102.417	0.00	0.02	0.017	O				0.01
102.500	0.00	0.02	0.017	O				0.01
102.583	0.00	0.02	0.017	O				0.01
102.667	0.00	0.02	0.017	O				0.01
102.750	0.00	0.02	0.017	O				0.01
102.833	0.00	0.02	0.017	O				0.01
102.917	0.00	0.02	0.017	O				0.01
103.000	0.00	0.02	0.017	O				0.01
103.083	0.00	0.02	0.016	O				0.01
103.167	0.00	0.02	0.016	O				0.01
103.250	0.00	0.01	0.016	O				0.01
103.333	0.00	0.01	0.016	O				0.01
103.417	0.00	0.01	0.016	O				0.01
103.500	0.00	0.01	0.016	O				0.01
103.583	0.00	0.01	0.016	O				0.01
103.667	0.00	0.01	0.016	O				0.01
103.750	0.00	0.01	0.016	O				0.01
103.833	0.00	0.01	0.016	O				0.01
103.917	0.00	0.01	0.015	O				0.01
104.000	0.00	0.01	0.015	O				0.01
104.083	0.00	0.01	0.015	O				0.01
104.167	0.00	0.01	0.015	O				0.01
104.250	0.00	0.01	0.015	O				0.01

104.333	0.00	0.01	0.015	O					0.01
104.417	0.00	0.01	0.015	O					0.01
104.500	0.00	0.01	0.015	O					0.01
104.583	0.00	0.01	0.015	O					0.01
104.667	0.00	0.01	0.015	O					0.01
104.750	0.00	0.01	0.014	O					0.01
104.833	0.00	0.01	0.014	O					0.01
104.917	0.00	0.01	0.014	O					0.01
105.000	0.00	0.01	0.014	O					0.01
105.083	0.00	0.01	0.014	O					0.01
105.167	0.00	0.01	0.014	O					0.01
105.250	0.00	0.01	0.014	O					0.01
105.333	0.00	0.01	0.014	O					0.01
105.417	0.00	0.01	0.014	O					0.01
105.500	0.00	0.01	0.014	O					0.01
105.583	0.00	0.01	0.014	O					0.01
105.667	0.00	0.01	0.013	O					0.01
105.750	0.00	0.01	0.013	O					0.01
105.833	0.00	0.01	0.013	O					0.01
105.917	0.00	0.01	0.013	O					0.01
106.000	0.00	0.01	0.013	O					0.01
106.083	0.00	0.01	0.013	O					0.01
106.167	0.00	0.01	0.013	O					0.01
106.250	0.00	0.01	0.013	O					0.01
106.333	0.00	0.01	0.013	O					0.01
106.417	0.00	0.01	0.013	O					0.01
106.500	0.00	0.01	0.013	O					0.01
106.583	0.00	0.01	0.013	O					0.01
106.667	0.00	0.01	0.012	O					0.01
106.750	0.00	0.01	0.012	O					0.01
106.833	0.00	0.01	0.012	O					0.01
106.917	0.00	0.01	0.012	O					0.01
107.000	0.00	0.01	0.012	O					0.01
107.083	0.00	0.01	0.012	O					0.01
107.167	0.00	0.01	0.012	O					0.01
107.250	0.00	0.01	0.012	O					0.01
107.333	0.00	0.01	0.012	O					0.01
107.417	0.00	0.01	0.012	O					0.01
107.500	0.00	0.01	0.012	O					0.01
107.583	0.00	0.01	0.012	O					0.01
107.667	0.00	0.01	0.012	O					0.01
107.750	0.00	0.01	0.012	O					0.01
107.833	0.00	0.01	0.011	O					0.01
107.917	0.00	0.01	0.011	O					0.01
108.000	0.00	0.01	0.011	O					0.01
108.083	0.00	0.01	0.011	O					0.01
108.167	0.00	0.01	0.011	O					0.01
108.250	0.00	0.01	0.011	O					0.01
108.333	0.00	0.01	0.011	O					0.01
108.417	0.00	0.01	0.011	O					0.01
108.500	0.00	0.01	0.011	O					0.01
108.583	0.00	0.01	0.011	O					0.01
108.667	0.00	0.01	0.011	O					0.01
108.750	0.00	0.01	0.011	O					0.01
108.833	0.00	0.01	0.011	O					0.01
108.917	0.00	0.01	0.011	O					0.01
109.000	0.00	0.01	0.010	O					0.01
109.083	0.00	0.01	0.010	O					0.01
109.167	0.00	0.01	0.010	O					0.01
109.250	0.00	0.01	0.010	O					0.01
109.333	0.00	0.01	0.010	O					0.01
109.417	0.00	0.01	0.010	O					0.01
109.500	0.00	0.01	0.010	O					0.01

109.583	0.00	0.01	0.010	O					0.01
109.667	0.00	0.01	0.010	O					0.01
109.750	0.00	0.01	0.010	O					0.01
109.833	0.00	0.01	0.010	O					0.01
109.917	0.00	0.01	0.010	O					0.01
110.000	0.00	0.01	0.010	O					0.00
110.083	0.00	0.01	0.010	O					0.00
110.167	0.00	0.01	0.010	O					0.00
110.250	0.00	0.01	0.010	O					0.00
110.333	0.00	0.01	0.009	O					0.00
110.417	0.00	0.01	0.009	O					0.00
110.500	0.00	0.01	0.009	O					0.00
110.583	0.00	0.01	0.009	O					0.00
110.667	0.00	0.01	0.009	O					0.00
110.750	0.00	0.01	0.009	O					0.00
110.833	0.00	0.01	0.009	O					0.00
110.917	0.00	0.01	0.009	O					0.00
111.000	0.00	0.01	0.009	O					0.00
111.083	0.00	0.01	0.009	O					0.00
111.167	0.00	0.01	0.009	O					0.00
111.250	0.00	0.01	0.009	O					0.00
111.333	0.00	0.01	0.009	O					0.00
111.417	0.00	0.01	0.009	O					0.00
111.500	0.00	0.01	0.009	O					0.00
111.583	0.00	0.01	0.009	O					0.00
111.667	0.00	0.01	0.009	O					0.00
111.750	0.00	0.01	0.008	O					0.00
111.833	0.00	0.01	0.008	O					0.00
111.917	0.00	0.01	0.008	O					0.00
112.000	0.00	0.01	0.008	O					0.00
112.083	0.00	0.01	0.008	O					0.00
112.167	0.00	0.01	0.008	O					0.00
112.250	0.00	0.01	0.008	O					0.00
112.333	0.00	0.01	0.008	O					0.00
112.417	0.00	0.01	0.008	O					0.00
112.500	0.00	0.01	0.008	O					0.00
112.583	0.00	0.01	0.008	O					0.00
112.667	0.00	0.01	0.008	O					0.00
112.750	0.00	0.01	0.008	O					0.00
112.833	0.00	0.01	0.008	O					0.00
112.917	0.00	0.01	0.008	O					0.00
113.000	0.00	0.01	0.008	O					0.00
113.083	0.00	0.01	0.008	O					0.00
113.167	0.00	0.01	0.008	O					0.00
113.250	0.00	0.01	0.008	O					0.00
113.333	0.00	0.01	0.008	O					0.00
113.417	0.00	0.01	0.007	O					0.00
113.500	0.00	0.01	0.007	O					0.00
113.583	0.00	0.01	0.007	O					0.00
113.667	0.00	0.01	0.007	O					0.00
113.750	0.00	0.01	0.007	O					0.00
113.833	0.00	0.01	0.007	O					0.00
113.917	0.00	0.01	0.007	O					0.00
114.000	0.00	0.01	0.007	O					0.00
114.083	0.00	0.01	0.007	O					0.00
114.167	0.00	0.01	0.007	O					0.00
114.250	0.00	0.01	0.007	O					0.00
114.333	0.00	0.01	0.007	O					0.00
114.417	0.00	0.01	0.007	O					0.00
114.500	0.00	0.01	0.007	O					0.00
114.583	0.00	0.01	0.007	O					0.00
114.667	0.00	0.01	0.007	O					0.00
114.750	0.00	0.01	0.007	O					0.00

114.833	0.00	0.01	0.007	O	|	|	|	|	0.00
114.917	0.00	0.01	0.007	O	|	|	|	|	0.00
115.000	0.00	0.01	0.007	O	|	|	|	|	0.00
115.083	0.00	0.01	0.007	O	|	|	|	|	0.00
115.167	0.00	0.01	0.007	O	|	|	|	|	0.00
115.250	0.00	0.01	0.006	O	|	|	|	|	0.00
115.333	0.00	0.01	0.006	O	|	|	|	|	0.00
115.417	0.00	0.01	0.006	O	|	|	|	|	0.00
115.500	0.00	0.01	0.006	O	|	|	|	|	0.00
115.583	0.00	0.01	0.006	O	|	|	|	|	0.00
115.667	0.00	0.01	0.006	O	|	|	|	|	0.00
115.750	0.00	0.01	0.006	O	|	|	|	|	0.00
115.833	0.00	0.01	0.006	O	|	|	|	|	0.00
115.917	0.00	0.01	0.006	O	|	|	|	|	0.00
116.000	0.00	0.01	0.006	O	|	|	|	|	0.00
116.083	0.00	0.01	0.006	O	|	|	|	|	0.00
116.167	0.00	0.01	0.006	O	|	|	|	|	0.00
116.250	0.00	0.01	0.006	O	|	|	|	|	0.00
116.333	0.00	0.01	0.006	O	|	|	|	|	0.00
116.417	0.00	0.01	0.006	O	|	|	|	|	0.00
116.500	0.00	0.01	0.006	O	|	|	|	|	0.00
116.583	0.00	0.01	0.006	O	|	|	|	|	0.00
116.667	0.00	0.01	0.006	O	|	|	|	|	0.00
116.750	0.00	0.01	0.006	O	|	|	|	|	0.00
116.833	0.00	0.01	0.006	O	|	|	|	|	0.00
116.917	0.00	0.01	0.006	O	|	|	|	|	0.00
117.000	0.00	0.01	0.006	O	|	|	|	|	0.00
117.083	0.00	0.01	0.006	O	|	|	|	|	0.00
117.167	0.00	0.01	0.006	O	|	|	|	|	0.00
117.250	0.00	0.01	0.006	O	|	|	|	|	0.00
117.333	0.00	0.01	0.006	O	|	|	|	|	0.00
117.417	0.00	0.01	0.005	O	|	|	|	|	0.00
117.500	0.00	0.01	0.005	O	|	|	|	|	0.00
117.583	0.00	0.01	0.005	O	|	|	|	|	0.00
117.667	0.00	0.00	0.005	O	|	|	|	|	0.00
117.750	0.00	0.00	0.005	O	|	|	|	|	0.00
117.833	0.00	0.00	0.005	O	|	|	|	|	0.00
117.917	0.00	0.00	0.005	O	|	|	|	|	0.00
118.000	0.00	0.00	0.005	O	|	|	|	|	0.00
118.083	0.00	0.00	0.005	O	|	|	|	|	0.00
118.167	0.00	0.00	0.005	O	|	|	|	|	0.00
118.250	0.00	0.00	0.005	O	|	|	|	|	0.00
118.333	0.00	0.00	0.005	O	|	|	|	|	0.00
118.417	0.00	0.00	0.005	O	|	|	|	|	0.00
118.500	0.00	0.00	0.005	O	|	|	|	|	0.00
118.583	0.00	0.00	0.005	O	|	|	|	|	0.00
118.667	0.00	0.00	0.005	O	|	|	|	|	0.00
118.750	0.00	0.00	0.005	O	|	|	|	|	0.00
118.833	0.00	0.00	0.005	O	|	|	|	|	0.00
118.917	0.00	0.00	0.005	O	|	|	|	|	0.00
119.000	0.00	0.00	0.005	O	|	|	|	|	0.00
119.083	0.00	0.00	0.005	O	|	|	|	|	0.00
119.167	0.00	0.00	0.005	O	|	|	|	|	0.00
119.250	0.00	0.00	0.005	O	|	|	|	|	0.00
119.333	0.00	0.00	0.005	O	|	|	|	|	0.00
119.417	0.00	0.00	0.005	O	|	|	|	|	0.00
119.500	0.00	0.00	0.005	O	|	|	|	|	0.00
119.583	0.00	0.00	0.005	O	|	|	|	|	0.00
119.667	0.00	0.00	0.005	O	|	|	|	|	0.00
119.750	0.00	0.00	0.005	O	|	|	|	|	0.00
119.833	0.00	0.00	0.005	O	|	|	|	|	0.00
119.917	0.00	0.00	0.005	O	|	|	|	|	0.00
120.000	0.00	0.00	0.005	O	|	|	|	|	0.00

120.083	0.00	0.00	0.004	O					0.00
120.167	0.00	0.00	0.004	O					0.00
120.250	0.00	0.00	0.004	O					0.00
120.333	0.00	0.00	0.004	O					0.00
120.417	0.00	0.00	0.004	O					0.00
120.500	0.00	0.00	0.004	O					0.00
120.583	0.00	0.00	0.004	O					0.00
120.667	0.00	0.00	0.004	O					0.00
120.750	0.00	0.00	0.004	O					0.00
120.833	0.00	0.00	0.004	O					0.00
120.917	0.00	0.00	0.004	O					0.00
121.000	0.00	0.00	0.004	O					0.00
121.083	0.00	0.00	0.004	O					0.00
121.167	0.00	0.00	0.004	O					0.00
121.250	0.00	0.00	0.004	O					0.00
121.333	0.00	0.00	0.004	O					0.00
121.417	0.00	0.00	0.004	O					0.00
121.500	0.00	0.00	0.004	O					0.00
121.583	0.00	0.00	0.004	O					0.00
121.667	0.00	0.00	0.004	O					0.00
121.750	0.00	0.00	0.004	O					0.00
121.833	0.00	0.00	0.004	O					0.00
121.917	0.00	0.00	0.004	O					0.00
122.000	0.00	0.00	0.004	O					0.00
122.083	0.00	0.00	0.004	O					0.00
122.167	0.00	0.00	0.004	O					0.00
122.250	0.00	0.00	0.004	O					0.00
122.333	0.00	0.00	0.004	O					0.00
122.417	0.00	0.00	0.004	O					0.00
122.500	0.00	0.00	0.004	O					0.00
122.583	0.00	0.00	0.004	O					0.00
122.667	0.00	0.00	0.004	O					0.00
122.750	0.00	0.00	0.004	O					0.00
122.833	0.00	0.00	0.004	O					0.00
122.917	0.00	0.00	0.004	O					0.00
123.000	0.00	0.00	0.004	O					0.00
123.083	0.00	0.00	0.004	O					0.00
123.167	0.00	0.00	0.004	O					0.00
123.250	0.00	0.00	0.004	O					0.00
123.333	0.00	0.00	0.004	O					0.00
123.417	0.00	0.00	0.003	O					0.00
123.500	0.00	0.00	0.003	O					0.00
123.583	0.00	0.00	0.003	O					0.00
123.667	0.00	0.00	0.003	O					0.00
123.750	0.00	0.00	0.003	O					0.00
123.833	0.00	0.00	0.003	O					0.00
123.917	0.00	0.00	0.003	O					0.00
124.000	0.00	0.00	0.003	O					0.00
124.083	0.00	0.00	0.003	O					0.00
124.167	0.00	0.00	0.003	O					0.00
124.250	0.00	0.00	0.003	O					0.00
124.333	0.00	0.00	0.003	O					0.00
124.417	0.00	0.00	0.003	O					0.00
124.500	0.00	0.00	0.003	O					0.00
124.583	0.00	0.00	0.003	O					0.00
124.667	0.00	0.00	0.003	O					0.00
124.750	0.00	0.00	0.003	O					0.00
124.833	0.00	0.00	0.003	O					0.00
124.917	0.00	0.00	0.003	O					0.00
125.000	0.00	0.00	0.003	O					0.00
125.083	0.00	0.00	0.003	O					0.00
125.167	0.00	0.00	0.003	O					0.00
125.250	0.00	0.00	0.003	O					0.00

125.333	0.00	0.00	0.003	O					0.00
125.417	0.00	0.00	0.003	O					0.00
125.500	0.00	0.00	0.003	O					0.00
125.583	0.00	0.00	0.003	O					0.00
125.667	0.00	0.00	0.003	O					0.00
125.750	0.00	0.00	0.003	O					0.00
125.833	0.00	0.00	0.003	O					0.00
125.917	0.00	0.00	0.003	O					0.00
126.000	0.00	0.00	0.003	O					0.00
126.083	0.00	0.00	0.003	O					0.00
126.167	0.00	0.00	0.003	O					0.00
126.250	0.00	0.00	0.003	O					0.00
126.333	0.00	0.00	0.003	O					0.00
126.417	0.00	0.00	0.003	O					0.00
126.500	0.00	0.00	0.003	O					0.00
126.583	0.00	0.00	0.003	O					0.00
126.667	0.00	0.00	0.003	O					0.00
126.750	0.00	0.00	0.003	O					0.00
126.833	0.00	0.00	0.003	O					0.00
126.917	0.00	0.00	0.003	O					0.00
127.000	0.00	0.00	0.003	O					0.00
127.083	0.00	0.00	0.003	O					0.00
127.167	0.00	0.00	0.003	O					0.00
127.250	0.00	0.00	0.003	O					0.00
127.333	0.00	0.00	0.003	O					0.00
127.417	0.00	0.00	0.003	O					0.00
127.500	0.00	0.00	0.003	O					0.00
127.583	0.00	0.00	0.003	O					0.00
127.667	0.00	0.00	0.003	O					0.00
127.750	0.00	0.00	0.002	O					0.00
127.833	0.00	0.00	0.002	O					0.00
127.917	0.00	0.00	0.002	O					0.00
128.000	0.00	0.00	0.002	O					0.00
128.083	0.00	0.00	0.002	O					0.00
128.167	0.00	0.00	0.002	O					0.00
128.250	0.00	0.00	0.002	O					0.00
128.333	0.00	0.00	0.002	O					0.00
128.417	0.00	0.00	0.002	O					0.00
128.500	0.00	0.00	0.002	O					0.00
128.583	0.00	0.00	0.002	O					0.00
128.667	0.00	0.00	0.002	O					0.00
128.750	0.00	0.00	0.002	O					0.00
128.833	0.00	0.00	0.002	O					0.00
128.917	0.00	0.00	0.002	O					0.00
129.000	0.00	0.00	0.002	O					0.00
129.083	0.00	0.00	0.002	O					0.00
129.167	0.00	0.00	0.002	O					0.00
129.250	0.00	0.00	0.002	O					0.00
129.333	0.00	0.00	0.002	O					0.00
129.417	0.00	0.00	0.002	O					0.00
129.500	0.00	0.00	0.002	O					0.00
129.583	0.00	0.00	0.002	O					0.00
129.667	0.00	0.00	0.002	O					0.00
129.750	0.00	0.00	0.002	O					0.00
129.833	0.00	0.00	0.002	O					0.00
129.917	0.00	0.00	0.002	O					0.00
130.000	0.00	0.00	0.002	O					0.00
130.083	0.00	0.00	0.002	O					0.00
130.167	0.00	0.00	0.002	O					0.00
130.250	0.00	0.00	0.002	O					0.00
130.333	0.00	0.00	0.002	O					0.00
130.417	0.00	0.00	0.002	O					0.00
130.500	0.00	0.00	0.002	O					0.00

```
130.583    0.00    0.00      0.002  O       |       |       |       |      0.00
130.667    0.00    0.00      0.002  O       |       |       |       |      0.00
130.750    0.00    0.00      0.002  O       |       |       |       |      0.00
130.833    0.00    0.00      0.002  O       |       |       |       |      0.00
130.917    0.00    0.00      0.002  O       |       |       |       |      0.00
131.000    0.00    0.00      0.002  O       |       |       |       |      0.00
131.083    0.00    0.00      0.002  O       |       |       |       |      0.00


      Remaining water in basin =    0.00 (Ac.Ft)


      ****************************HYDROGRAPH DATA****************************
                  Number of intervals =  1573
                  Time interval =    5.0 (Min.)
                  Maximum/Peak flow rate =        2.586 (CFS)
                  Total volume =       7.704 (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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                FLOOD HYDROGRAPH ROUTING PROGRAM
          Copyright (c) CIVILCADD/CIVILDESIGN, 1989 - 2005
                     Study date: 04/03/24

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Keller Crossing, Tr. 38163
WQ - Detention Basin Routing Area C onsite
Detention Basin C full with DCV at 1426
5-year 1-hour storm Inflow Hydrograph

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


Program License Serial Number 4029

------------------------------------------------------------------------
******************** HYDROGRAPH INFORMATION **********************

             From study/file name: 907hydc5pr15.rte
****************************HYDROGRAPH DATA*****************************
             Number of intervals =    20
             Time interval =    5.0 (Min.)
             Maximum/Peak flow rate =      127.286 (CFS)
             Total volume =       3.857 (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       10.000 to Point/Station       11.000
**** RETARDING BASIN ROUTING ****
________________________________________________________________________

User entry of depth-outflow-storage data
------------------------------------------------------------------------
Total number of inflow hydrograph intervals = 20
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  Storage    Outflow   (S-O*dt/2)   (S+O*dt/2)
     (Ft.)    (Ac.Ft)    (CFS)     (Ac.Ft)     (Ac.Ft)
------------------------------------------------------------------------
   0.000      0.000      0.000      0.000        0.000
   1.000      1.948      1.800      1.942        1.954
   2.000      4.304      2.020      4.297        4.311
   3.000      7.054      3.480      7.042        7.066
   4.000     10.094     49.260      9.924       10.264
   4.500     11.710     87.250     11.410       12.010
   5.000     13.325    331.310     12.184       14.466
```

6.000 16.754 1244.540 12.468 21.040

Hydrograph Detention Basin Routing

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

Time (Hours)	Inflow (CFS)	Outflow (CFS)	Storage (Ac.Ft)	.0 31.8 63.64 95.46 127.29	Depth (Ft.)
0.083	2.71	0.01	0.009	O	0.00
0.167	10.98	0.05	0.056	O I	0.03
0.250	15.85	0.14	0.148	O I	0.08
0.333	18.53	0.24	0.265	O I	0.14
0.417	20.93	0.37	0.399	O I	0.20
0.500	23.68	0.51	0.549	O I	0.28
0.583	27.36	0.67	0.721	O I	0.37
0.667	32.23	0.85	0.921	O I	0.47
0.750	45.96	1.09	1.184	O I	0.61
0.833	88.67	1.51	1.638	O I	0.84
0.917	127.29	1.84	2.370	O I	1.18
1.000	65.18	1.90	3.020	O I	1.46
1.083	36.21	1.93	3.356	O I	1.60
1.167	18.45	1.95	3.531	O I	1.67
1.250	11.02	1.96	3.619	O I	1.71
1.333	6.99	1.96	3.668	OI	1.73
1.417	4.39	1.96	3.693	OI	1.74
1.500	2.86	1.96	3.705	O	1.75
1.583	0.56	1.96	3.703	O	1.74
1.667	0.18	1.96	3.692	O	1.74
1.750	0.00	1.96	3.679	O	1.73
1.833	0.00	1.96	3.666	O	1.73
1.917	0.00	1.96	3.652	O	1.72
2.000	0.00	1.96	3.639	O	1.72
2.083	0.00	1.96	3.625	O	1.71
2.167	0.00	1.96	3.612	O	1.71
2.250	0.00	1.95	3.598	O	1.70
2.333	0.00	1.95	3.585	O	1.69
2.417	0.00	1.95	3.571	O	1.69
2.500	0.00	1.95	3.558	O	1.68
2.583	0.00	1.95	3.545	O	1.68
2.667	0.00	1.95	3.531	O	1.67
2.750	0.00	1.95	3.518	O	1.67
2.833	0.00	1.95	3.504	O	1.66
2.917	0.00	1.94	3.491	O	1.65
3.000	0.00	1.94	3.478	O	1.65
3.083	0.00	1.94	3.464	O	1.64
3.167	0.00	1.94	3.451	O	1.64
3.250	0.00	1.94	3.437	O	1.63
3.333	0.00	1.94	3.424	O	1.63
3.417	0.00	1.94	3.411	O	1.62
3.500	0.00	1.94	3.397	O	1.62
3.583	0.00	1.93	3.384	O	1.61
3.667	0.00	1.93	3.371	O	1.60
3.750	0.00	1.93	3.357	O	1.60
3.833	0.00	1.93	3.344	O	1.59
3.917	0.00	1.93	3.331	O	1.59
4.000	0.00	1.93	3.318	O	1.58
4.083	0.00	1.93	3.304	O	1.58
4.167	0.00	1.93	3.291	O	1.57
4.250	0.00	1.92	3.278	O	1.56
4.333	0.00	1.92	3.265	O	1.56
4.417	0.00	1.92	3.251	O	1.55
4.500	0.00	1.92	3.238	O	1.55

4.583	0.00	1.92	3.225	O					1.54
4.667	0.00	1.92	3.212	O					1.54
4.750	0.00	1.92	3.198	O					1.53
4.833	0.00	1.92	3.185	O					1.53
4.917	0.00	1.91	3.172	O					1.52
5.000	0.00	1.91	3.159	O					1.51
5.083	0.00	1.91	3.146	O					1.51
5.167	0.00	1.91	3.133	O					1.50
5.250	0.00	1.91	3.119	O					1.50
5.333	0.00	1.91	3.106	O					1.49
5.417	0.00	1.91	3.093	O					1.49
5.500	0.00	1.91	3.080	O					1.48
5.583	0.00	1.90	3.067	O					1.47
5.667	0.00	1.90	3.054	O					1.47
5.750	0.00	1.90	3.041	O					1.46
5.833	0.00	1.90	3.028	O					1.46
5.917	0.00	1.90	3.014	O					1.45
6.000	0.00	1.90	3.001	O					1.45
6.083	0.00	1.90	2.988	O					1.44
6.167	0.00	1.90	2.975	O					1.44
6.250	0.00	1.89	2.962	O					1.43
6.333	0.00	1.89	2.949	O					1.42
6.417	0.00	1.89	2.936	O					1.42
6.500	0.00	1.89	2.923	O					1.41
6.583	0.00	1.89	2.910	O					1.41
6.667	0.00	1.89	2.897	O					1.40
6.750	0.00	1.89	2.884	O					1.40
6.833	0.00	1.89	2.871	O					1.39
6.917	0.00	1.88	2.858	O					1.39
7.000	0.00	1.88	2.845	O					1.38
7.083	0.00	1.88	2.832	O					1.38
7.167	0.00	1.88	2.819	O					1.37
7.250	0.00	1.88	2.806	O					1.36
7.333	0.00	1.88	2.793	O					1.36
7.417	0.00	1.88	2.780	O					1.35
7.500	0.00	1.88	2.767	O					1.35
7.583	0.00	1.88	2.754	O					1.34
7.667	0.00	1.87	2.742	O					1.34
7.750	0.00	1.87	2.729	O					1.33
7.833	0.00	1.87	2.716	O					1.33
7.917	0.00	1.87	2.703	O					1.32
8.000	0.00	1.87	2.690	O					1.31
8.083	0.00	1.87	2.677	O					1.31
8.167	0.00	1.87	2.664	O					1.30
8.250	0.00	1.87	2.651	O					1.30
8.333	0.00	1.86	2.639	O					1.29
8.417	0.00	1.86	2.626	O					1.29
8.500	0.00	1.86	2.613	O					1.28
8.583	0.00	1.86	2.600	O					1.28
8.667	0.00	1.86	2.587	O					1.27
8.750	0.00	1.86	2.574	O					1.27
8.833	0.00	1.86	2.562	O					1.26
8.917	0.00	1.86	2.549	O					1.26
9.000	0.00	1.85	2.536	O					1.25
9.083	0.00	1.85	2.523	O					1.24
9.167	0.00	1.85	2.511	O					1.24
9.250	0.00	1.85	2.498	O					1.23
9.333	0.00	1.85	2.485	O					1.23
9.417	0.00	1.85	2.472	O					1.22
9.500	0.00	1.85	2.460	O					1.22
9.583	0.00	1.85	2.447	O					1.21
9.667	0.00	1.85	2.434	O					1.21
9.750	0.00	1.84	2.421	O					1.20

9.833	0.00	1.84	2.409	O					1.20
9.917	0.00	1.84	2.396	O					1.19
10.000	0.00	1.84	2.383	O					1.18
10.083	0.00	1.84	2.371	O					1.18
10.167	0.00	1.84	2.358	O					1.17
10.250	0.00	1.84	2.345	O					1.17
10.333	0.00	1.84	2.333	O					1.16
10.417	0.00	1.83	2.320	O					1.16
10.500	0.00	1.83	2.307	O					1.15
10.583	0.00	1.83	2.295	O					1.15
10.667	0.00	1.83	2.282	O					1.14
10.750	0.00	1.83	2.270	O					1.14
10.833	0.00	1.83	2.257	O					1.13
10.917	0.00	1.83	2.244	O					1.13
11.000	0.00	1.83	2.232	O					1.12
11.083	0.00	1.83	2.219	O					1.12
11.167	0.00	1.82	2.207	O					1.11
11.250	0.00	1.82	2.194	O					1.10
11.333	0.00	1.82	2.182	O					1.10
11.417	0.00	1.82	2.169	O					1.09
11.500	0.00	1.82	2.157	O					1.09
11.583	0.00	1.82	2.144	O					1.08
11.667	0.00	1.82	2.131	O					1.08
11.750	0.00	1.82	2.119	O					1.07
11.833	0.00	1.81	2.106	O					1.07
11.917	0.00	1.81	2.094	O					1.06
12.000	0.00	1.81	2.082	O					1.06
12.083	0.00	1.81	2.069	O					1.05
12.167	0.00	1.81	2.057	O					1.05
12.250	0.00	1.81	2.044	O					1.04
12.333	0.00	1.81	2.032	O					1.04
12.417	0.00	1.81	2.019	O					1.03
12.500	0.00	1.81	2.007	O					1.02
12.583	0.00	1.80	1.994	O					1.02
12.667	0.00	1.80	1.982	O					1.01
12.750	0.00	1.80	1.969	O					1.01
12.833	0.00	1.80	1.957	O					1.00
12.917	0.00	1.80	1.945	O					1.00
13.000	0.00	1.79	1.932	O					0.99
13.083	0.00	1.77	1.920	O					0.99
13.167	0.00	1.76	1.908	O					0.98
13.250	0.00	1.75	1.896	O					0.97
13.333	0.00	1.74	1.884	O					0.97
13.417	0.00	1.73	1.872	O					0.96
13.500	0.00	1.72	1.860	O					0.95
13.583	0.00	1.71	1.848	O					0.95
13.667	0.00	1.70	1.836	O					0.94
13.750	0.00	1.69	1.825	O					0.94
13.833	0.00	1.68	1.813	O					0.93
13.917	0.00	1.66	1.802	O					0.92
14.000	0.00	1.65	1.790	O					0.92
14.083	0.00	1.64	1.779	O					0.91
14.167	0.00	1.63	1.768	O					0.91
14.250	0.00	1.62	1.756	O					0.90
14.333	0.00	1.61	1.745	O					0.90
14.417	0.00	1.60	1.734	O					0.89
14.500	0.00	1.59	1.723	O					0.88
14.583	0.00	1.58	1.712	O					0.88
14.667	0.00	1.57	1.701	O					0.87
14.750	0.00	1.56	1.691	O					0.87
14.833	0.00	1.55	1.680	O					0.86
14.917	0.00	1.54	1.669	O					0.86
15.000	0.00	1.53	1.659	O					0.85

15.083	0.00	1.52	1.648	O				0.85
15.167	0.00	1.51	1.638	O				0.84
15.250	0.00	1.50	1.627	O				0.84
15.333	0.00	1.49	1.617	O				0.83
15.417	0.00	1.48	1.607	O				0.82
15.500	0.00	1.48	1.597	O				0.82
15.583	0.00	1.47	1.586	O				0.81
15.667	0.00	1.46	1.576	O				0.81
15.750	0.00	1.45	1.566	O				0.80
15.833	0.00	1.44	1.556	O				0.80
15.917	0.00	1.43	1.547	O				0.79
16.000	0.00	1.42	1.537	O				0.79
16.083	0.00	1.41	1.527	O				0.78
16.167	0.00	1.40	1.517	O				0.78
16.250	0.00	1.39	1.508	O				0.77
16.333	0.00	1.38	1.498	O				0.77
16.417	0.00	1.38	1.489	O				0.76
16.500	0.00	1.37	1.479	O				0.76
16.583	0.00	1.36	1.470	O				0.75
16.667	0.00	1.35	1.460	O				0.75
16.750	0.00	1.34	1.451	O				0.74
16.833	0.00	1.33	1.442	O				0.74
16.917	0.00	1.32	1.433	O				0.74
17.000	0.00	1.32	1.424	O				0.73
17.083	0.00	1.31	1.415	O				0.73
17.167	0.00	1.30	1.406	O				0.72
17.250	0.00	1.29	1.397	O				0.72
17.333	0.00	1.28	1.388	O				0.71
17.417	0.00	1.27	1.379	O				0.71
17.500	0.00	1.27	1.370	O				0.70
17.583	0.00	1.26	1.362	O				0.70
17.667	0.00	1.25	1.353	O				0.69
17.750	0.00	1.24	1.344	O				0.69
17.833	0.00	1.23	1.336	O				0.69
17.917	0.00	1.23	1.327	O				0.68
18.000	0.00	1.22	1.319	O				0.68
18.083	0.00	1.21	1.311	O				0.67
18.167	0.00	1.20	1.302	O				0.67
18.250	0.00	1.20	1.294	O				0.66
18.333	0.00	1.19	1.286	O				0.66
18.417	0.00	1.18	1.278	O				0.66
18.500	0.00	1.17	1.270	O				0.65
18.583	0.00	1.17	1.262	O				0.65
18.667	0.00	1.16	1.254	O				0.64
18.750	0.00	1.15	1.246	O				0.64
18.833	0.00	1.14	1.238	O				0.64
18.917	0.00	1.14	1.230	O				0.63
19.000	0.00	1.13	1.222	O				0.63
19.083	0.00	1.12	1.214	O				0.62
19.167	0.00	1.11	1.207	O				0.62
19.250	0.00	1.11	1.199	O				0.62
19.333	0.00	1.10	1.191	O				0.61
19.417	0.00	1.09	1.184	O				0.61
19.500	0.00	1.09	1.176	O				0.60
19.583	0.00	1.08	1.169	O				0.60
19.667	0.00	1.07	1.161	O				0.60
19.750	0.00	1.07	1.154	O				0.59
19.833	0.00	1.06	1.147	O				0.59
19.917	0.00	1.05	1.139	O				0.58
20.000	0.00	1.05	1.132	O				0.58
20.083	0.00	1.04	1.125	O				0.58
20.167	0.00	1.03	1.118	O				0.57
20.250	0.00	1.03	1.111	O				0.57

20.333	0.00	1.02	1.104	O					0.57
20.417	0.00	1.01	1.097	O					0.56
20.500	0.00	1.01	1.090	O					0.56
20.583	0.00	1.00	1.083	O					0.56
20.667	0.00	0.99	1.076	O					0.55
20.750	0.00	0.99	1.069	O					0.55
20.833	0.00	0.98	1.062	O					0.55
20.917	0.00	0.98	1.056	O					0.54
21.000	0.00	0.97	1.049	O					0.54
21.083	0.00	0.96	1.042	O					0.54
21.167	0.00	0.96	1.036	O					0.53
21.250	0.00	0.95	1.029	O					0.53
21.333	0.00	0.94	1.023	O					0.52
21.417	0.00	0.94	1.016	O					0.52
21.500	0.00	0.93	1.010	O					0.52
21.583	0.00	0.93	1.003	O					0.52
21.667	0.00	0.92	0.997	O					0.51
21.750	0.00	0.92	0.991	O					0.51
21.833	0.00	0.91	0.984	O					0.51
21.917	0.00	0.90	0.978	O					0.50
22.000	0.00	0.90	0.972	O					0.50
22.083	0.00	0.89	0.966	O					0.50
22.167	0.00	0.89	0.960	O					0.49
22.250	0.00	0.88	0.953	O					0.49
22.333	0.00	0.88	0.947	O					0.49
22.417	0.00	0.87	0.941	O					0.48
22.500	0.00	0.86	0.935	O					0.48
22.583	0.00	0.86	0.930	O					0.48
22.667	0.00	0.85	0.924	O					0.47
22.750	0.00	0.85	0.918	O					0.47
22.833	0.00	0.84	0.912	O					0.47
22.917	0.00	0.84	0.906	O					0.47
23.000	0.00	0.83	0.900	O					0.46
23.083	0.00	0.83	0.895	O					0.46
23.167	0.00	0.82	0.889	O					0.46
23.250	0.00	0.82	0.883	O					0.45
23.333	0.00	0.81	0.878	O					0.45
23.417	0.00	0.81	0.872	O					0.45
23.500	0.00	0.80	0.867	O					0.44
23.583	0.00	0.80	0.861	O					0.44
23.667	0.00	0.79	0.856	O					0.44
23.750	0.00	0.79	0.850	O					0.44
23.833	0.00	0.78	0.845	O					0.43
23.917	0.00	0.78	0.840	O					0.43
24.000	0.00	0.77	0.834	O					0.43
24.083	0.00	0.77	0.829	O					0.43
24.167	0.00	0.76	0.824	O					0.42
24.250	0.00	0.76	0.818	O					0.42
24.333	0.00	0.75	0.813	O					0.42
24.417	0.00	0.75	0.808	O					0.41
24.500	0.00	0.74	0.803	O					0.41
24.583	0.00	0.74	0.798	O					0.41
24.667	0.00	0.73	0.793	O					0.41
24.750	0.00	0.73	0.788	O					0.40
24.833	0.00	0.72	0.783	O					0.40
24.917	0.00	0.72	0.778	O					0.40
25.000	0.00	0.71	0.773	O					0.40
25.083	0.00	0.71	0.768	O					0.39
25.167	0.00	0.71	0.763	O					0.39
25.250	0.00	0.70	0.758	O					0.39
25.333	0.00	0.70	0.753	O					0.39
25.417	0.00	0.69	0.749	O					0.38
25.500	0.00	0.69	0.744	O					0.38

25.583	0.00	0.68	0.739	O					0.38
25.667	0.00	0.68	0.735	O					0.38
25.750	0.00	0.67	0.730	O					0.37
25.833	0.00	0.67	0.725	O					0.37
25.917	0.00	0.67	0.721	O					0.37
26.000	0.00	0.66	0.716	O					0.37
26.083	0.00	0.66	0.711	O					0.37
26.167	0.00	0.65	0.707	O					0.36
26.250	0.00	0.65	0.702	O					0.36
26.333	0.00	0.65	0.698	O					0.36
26.417	0.00	0.64	0.694	O					0.36
26.500	0.00	0.64	0.689	O					0.35
26.583	0.00	0.63	0.685	O					0.35
26.667	0.00	0.63	0.680	O					0.35
26.750	0.00	0.62	0.676	O					0.35
26.833	0.00	0.62	0.672	O					0.34
26.917	0.00	0.62	0.668	O					0.34
27.000	0.00	0.61	0.663	O					0.34
27.083	0.00	0.61	0.659	O					0.34
27.167	0.00	0.61	0.655	O					0.34
27.250	0.00	0.60	0.651	O					0.33
27.333	0.00	0.60	0.647	O					0.33
27.417	0.00	0.59	0.643	O					0.33
27.500	0.00	0.59	0.639	O					0.33
27.583	0.00	0.59	0.634	O					0.33
27.667	0.00	0.58	0.630	O					0.32
27.750	0.00	0.58	0.626	O					0.32
27.833	0.00	0.58	0.622	O					0.32
27.917	0.00	0.57	0.619	O					0.32
28.000	0.00	0.57	0.615	O					0.32
28.083	0.00	0.56	0.611	O					0.31
28.167	0.00	0.56	0.607	O					0.31
28.250	0.00	0.56	0.603	O					0.31
28.333	0.00	0.55	0.599	O					0.31
28.417	0.00	0.55	0.595	O					0.31
28.500	0.00	0.55	0.592	O					0.30
28.583	0.00	0.54	0.588	O					0.30
28.667	0.00	0.54	0.584	O					0.30
28.750	0.00	0.54	0.580	O					0.30
28.833	0.00	0.53	0.577	O					0.30
28.917	0.00	0.53	0.573	O					0.29
29.000	0.00	0.53	0.569	O					0.29
29.083	0.00	0.52	0.566	O					0.29
29.167	0.00	0.52	0.562	O					0.29
29.250	0.00	0.52	0.559	O					0.29
29.333	0.00	0.51	0.555	O					0.28
29.417	0.00	0.51	0.552	O					0.28
29.500	0.00	0.51	0.548	O					0.28
29.583	0.00	0.50	0.545	O					0.28
29.667	0.00	0.50	0.541	O					0.28
29.750	0.00	0.50	0.538	O					0.28
29.833	0.00	0.49	0.534	O					0.27
29.917	0.00	0.49	0.531	O					0.27
30.000	0.00	0.49	0.528	O					0.27
30.083	0.00	0.48	0.524	O					0.27
30.167	0.00	0.48	0.521	O					0.27
30.250	0.00	0.48	0.518	O					0.27
30.333	0.00	0.48	0.514	O					0.26
30.417	0.00	0.47	0.511	O					0.26
30.500	0.00	0.47	0.508	O					0.26
30.583	0.00	0.47	0.505	O					0.26
30.667	0.00	0.46	0.501	O					0.26
30.750	0.00	0.46	0.498	O					0.26

30.833	0.00	0.46	0.495	O				0.25
30.917	0.00	0.45	0.492	O				0.25
31.000	0.00	0.45	0.489	O				0.25
31.083	0.00	0.45	0.486	O				0.25
31.167	0.00	0.45	0.483	O				0.25
31.250	0.00	0.44	0.480	O				0.25
31.333	0.00	0.44	0.476	O				0.24
31.417	0.00	0.44	0.473	O				0.24
31.500	0.00	0.43	0.470	O				0.24
31.583	0.00	0.43	0.467	O				0.24
31.667	0.00	0.43	0.465	O				0.24
31.750	0.00	0.43	0.462	O				0.24
31.833	0.00	0.42	0.459	O				0.24
31.917	0.00	0.42	0.456	O				0.23
32.000	0.00	0.42	0.453	O				0.23
32.083	0.00	0.42	0.450	O				0.23
32.167	0.00	0.41	0.447	O				0.23
32.250	0.00	0.41	0.444	O				0.23
32.333	0.00	0.41	0.441	O				0.23
32.417	0.00	0.41	0.439	O				0.23
32.500	0.00	0.40	0.436	O				0.22
32.583	0.00	0.40	0.433	O				0.22
32.667	0.00	0.40	0.430	O				0.22
32.750	0.00	0.40	0.428	O				0.22
32.833	0.00	0.39	0.425	O				0.22
32.917	0.00	0.39	0.422	O				0.22
33.000	0.00	0.39	0.420	O				0.22
33.083	0.00	0.39	0.417	O				0.21
33.167	0.00	0.38	0.414	O				0.21
33.250	0.00	0.38	0.412	O				0.21
33.333	0.00	0.38	0.409	O				0.21
33.417	0.00	0.38	0.406	O				0.21
33.500	0.00	0.37	0.404	O				0.21
33.583	0.00	0.37	0.401	O				0.21
33.667	0.00	0.37	0.399	O				0.20
33.750	0.00	0.37	0.396	O				0.20
33.833	0.00	0.36	0.394	O				0.20
33.917	0.00	0.36	0.391	O				0.20
34.000	0.00	0.36	0.389	O				0.20
34.083	0.00	0.36	0.386	O				0.20
34.167	0.00	0.35	0.384	O				0.20
34.250	0.00	0.35	0.381	O				0.20
34.333	0.00	0.35	0.379	O				0.19
34.417	0.00	0.35	0.377	O				0.19
34.500	0.00	0.35	0.374	O				0.19
34.583	0.00	0.34	0.372	O				0.19
34.667	0.00	0.34	0.369	O				0.19
34.750	0.00	0.34	0.367	O				0.19
34.833	0.00	0.34	0.365	O				0.19
34.917	0.00	0.33	0.362	O				0.19
35.000	0.00	0.33	0.360	O				0.18
35.083	0.00	0.33	0.358	O				0.18
35.167	0.00	0.33	0.356	O				0.18
35.250	0.00	0.33	0.353	O				0.18
35.333	0.00	0.32	0.351	O				0.18
35.417	0.00	0.32	0.349	O				0.18
35.500	0.00	0.32	0.347	O				0.18
35.583	0.00	0.32	0.344	O				0.18
35.667	0.00	0.32	0.342	O				0.18
35.750	0.00	0.31	0.340	O				0.17
35.833	0.00	0.31	0.338	O				0.17
35.917	0.00	0.31	0.336	O				0.17
36.000	0.00	0.31	0.334	O				0.17

36.083	0.00	0.31	0.332	O				0.17
36.167	0.00	0.30	0.329	O				0.17
36.250	0.00	0.30	0.327	O				0.17
36.333	0.00	0.30	0.325	O				0.17
36.417	0.00	0.30	0.323	O				0.17
36.500	0.00	0.30	0.321	O				0.16
36.583	0.00	0.29	0.319	O				0.16
36.667	0.00	0.29	0.317	O				0.16
36.750	0.00	0.29	0.315	O				0.16
36.833	0.00	0.29	0.313	O				0.16
36.917	0.00	0.29	0.311	O				0.16
37.000	0.00	0.29	0.309	O				0.16
37.083	0.00	0.28	0.307	O				0.16
37.167	0.00	0.28	0.305	O				0.16
37.250	0.00	0.28	0.303	O				0.16
37.333	0.00	0.28	0.301	O				0.15
37.417	0.00	0.28	0.299	O				0.15
37.500	0.00	0.27	0.298	O				0.15
37.583	0.00	0.27	0.296	O				0.15
37.667	0.00	0.27	0.294	O				0.15
37.750	0.00	0.27	0.292	O				0.15
37.833	0.00	0.27	0.290	O				0.15
37.917	0.00	0.27	0.288	O				0.15
38.000	0.00	0.26	0.286	O				0.15
38.083	0.00	0.26	0.285	O				0.15
38.167	0.00	0.26	0.283	O				0.15
38.250	0.00	0.26	0.281	O				0.14
38.333	0.00	0.26	0.279	O				0.14
38.417	0.00	0.26	0.277	O				0.14
38.500	0.00	0.25	0.276	O				0.14
38.583	0.00	0.25	0.274	O				0.14
38.667	0.00	0.25	0.272	O				0.14
38.750	0.00	0.25	0.270	O				0.14
38.833	0.00	0.25	0.269	O				0.14
38.917	0.00	0.25	0.267	O				0.14
39.000	0.00	0.25	0.265	O				0.14
39.083	0.00	0.24	0.264	O				0.14
39.167	0.00	0.24	0.262	O				0.13
39.250	0.00	0.24	0.260	O				0.13
39.333	0.00	0.24	0.259	O				0.13
39.417	0.00	0.24	0.257	O				0.13
39.500	0.00	0.24	0.255	O				0.13
39.583	0.00	0.23	0.254	O				0.13
39.667	0.00	0.23	0.252	O				0.13
39.750	0.00	0.23	0.251	O				0.13
39.833	0.00	0.23	0.249	O				0.13
39.917	0.00	0.23	0.247	O				0.13
40.000	0.00	0.23	0.246	O				0.13
40.083	0.00	0.23	0.244	O				0.13
40.167	0.00	0.22	0.243	O				0.12
40.250	0.00	0.22	0.241	O				0.12
40.333	0.00	0.22	0.240	O				0.12
40.417	0.00	0.22	0.238	O				0.12
40.500	0.00	0.22	0.237	O				0.12
40.583	0.00	0.22	0.235	O				0.12
40.667	0.00	0.22	0.234	O				0.12
40.750	0.00	0.21	0.232	O				0.12
40.833	0.00	0.21	0.231	O				0.12
40.917	0.00	0.21	0.229	O				0.12
41.000	0.00	0.21	0.228	O				0.12
41.083	0.00	0.21	0.226	O				0.12
41.167	0.00	0.21	0.225	O				0.12
41.250	0.00	0.21	0.223	O				0.11

41.333	0.00	0.21	0.222	O				0.11
41.417	0.00	0.20	0.221	O				0.11
41.500	0.00	0.20	0.219	O				0.11
41.583	0.00	0.20	0.218	O				0.11
41.667	0.00	0.20	0.216	O				0.11
41.750	0.00	0.20	0.215	O				0.11
41.833	0.00	0.20	0.214	O				0.11
41.917	0.00	0.20	0.212	O				0.11
42.000	0.00	0.19	0.211	O				0.11
42.083	0.00	0.19	0.210	O				0.11
42.167	0.00	0.19	0.208	O				0.11
42.250	0.00	0.19	0.207	O				0.11
42.333	0.00	0.19	0.206	O				0.11
42.417	0.00	0.19	0.204	O				0.10
42.500	0.00	0.19	0.203	O				0.10
42.583	0.00	0.19	0.202	O				0.10
42.667	0.00	0.19	0.201	O				0.10
42.750	0.00	0.18	0.199	O				0.10
42.833	0.00	0.18	0.198	O				0.10
42.917	0.00	0.18	0.197	O				0.10
43.000	0.00	0.18	0.195	O				0.10
43.083	0.00	0.18	0.194	O				0.10
43.167	0.00	0.18	0.193	O				0.10
43.250	0.00	0.18	0.192	O				0.10
43.333	0.00	0.18	0.191	O				0.10
43.417	0.00	0.17	0.189	O				0.10
43.500	0.00	0.17	0.188	O				0.10
43.583	0.00	0.17	0.187	O				0.10
43.667	0.00	0.17	0.186	O				0.10
43.750	0.00	0.17	0.185	O				0.09
43.833	0.00	0.17	0.183	O				0.09
43.917	0.00	0.17	0.182	O				0.09
44.000	0.00	0.17	0.181	O				0.09
44.083	0.00	0.17	0.180	O				0.09
44.167	0.00	0.17	0.179	O				0.09
44.250	0.00	0.16	0.178	O				0.09
44.333	0.00	0.16	0.177	O				0.09
44.417	0.00	0.16	0.175	O				0.09
44.500	0.00	0.16	0.174	O				0.09
44.583	0.00	0.16	0.173	O				0.09
44.667	0.00	0.16	0.172	O				0.09
44.750	0.00	0.16	0.171	O				0.09
44.833	0.00	0.16	0.170	O				0.09
44.917	0.00	0.16	0.169	O				0.09
45.000	0.00	0.16	0.168	O				0.09
45.083	0.00	0.15	0.167	O				0.09
45.167	0.00	0.15	0.166	O				0.09
45.250	0.00	0.15	0.165	O				0.08
45.333	0.00	0.15	0.164	O				0.08
45.417	0.00	0.15	0.163	O				0.08
45.500	0.00	0.15	0.162	O				0.08
45.583	0.00	0.15	0.160	O				0.08
45.667	0.00	0.15	0.159	O				0.08
45.750	0.00	0.15	0.158	O				0.08
45.833	0.00	0.15	0.157	O				0.08
45.917	0.00	0.14	0.156	O				0.08
46.000	0.00	0.14	0.155	O				0.08
46.083	0.00	0.14	0.154	O				0.08
46.167	0.00	0.14	0.153	O				0.08
46.250	0.00	0.14	0.153	O				0.08
46.333	0.00	0.14	0.152	O				0.08
46.417	0.00	0.14	0.151	O				0.08
46.500	0.00	0.14	0.150	O				0.08

46.583	0.00	0.14	0.149	O				0.08
46.667	0.00	0.14	0.148	O				0.08
46.750	0.00	0.14	0.147	O				0.08
46.833	0.00	0.13	0.146	O				0.07
46.917	0.00	0.13	0.145	O				0.07
47.000	0.00	0.13	0.144	O				0.07
47.083	0.00	0.13	0.143	O				0.07
47.167	0.00	0.13	0.142	O				0.07
47.250	0.00	0.13	0.141	O				0.07
47.333	0.00	0.13	0.140	O				0.07
47.417	0.00	0.13	0.140	O				0.07
47.500	0.00	0.13	0.139	O				0.07
47.583	0.00	0.13	0.138	O				0.07
47.667	0.00	0.13	0.137	O				0.07
47.750	0.00	0.13	0.136	O				0.07
47.833	0.00	0.12	0.135	O				0.07
47.917	0.00	0.12	0.134	O				0.07
48.000	0.00	0.12	0.133	O				0.07
48.083	0.00	0.12	0.133	O				0.07
48.167	0.00	0.12	0.132	O				0.07
48.250	0.00	0.12	0.131	O				0.07
48.333	0.00	0.12	0.130	O				0.07
48.417	0.00	0.12	0.129	O				0.07
48.500	0.00	0.12	0.128	O				0.07
48.583	0.00	0.12	0.128	O				0.07
48.667	0.00	0.12	0.127	O				0.07
48.750	0.00	0.12	0.126	O				0.06
48.833	0.00	0.12	0.125	O				0.06
48.917	0.00	0.11	0.124	O				0.06
49.000	0.00	0.11	0.124	O				0.06
49.083	0.00	0.11	0.123	O				0.06
49.167	0.00	0.11	0.122	O				0.06
49.250	0.00	0.11	0.121	O				0.06
49.333	0.00	0.11	0.121	O				0.06
49.417	0.00	0.11	0.120	O				0.06
49.500	0.00	0.11	0.119	O				0.06
49.583	0.00	0.11	0.118	O				0.06
49.667	0.00	0.11	0.117	O				0.06
49.750	0.00	0.11	0.117	O				0.06
49.833	0.00	0.11	0.116	O				0.06
49.917	0.00	0.11	0.115	O				0.06
50.000	0.00	0.11	0.115	O				0.06
50.083	0.00	0.11	0.114	O				0.06
50.167	0.00	0.10	0.113	O				0.06
50.250	0.00	0.10	0.112	O				0.06
50.333	0.00	0.10	0.112	O				0.06
50.417	0.00	0.10	0.111	O				0.06
50.500	0.00	0.10	0.110	O				0.06
50.583	0.00	0.10	0.110	O				0.06
50.667	0.00	0.10	0.109	O				0.06
50.750	0.00	0.10	0.108	O				0.06
50.833	0.00	0.10	0.107	O				0.06
50.917	0.00	0.10	0.107	O				0.05
51.000	0.00	0.10	0.106	O				0.05
51.083	0.00	0.10	0.105	O				0.05
51.167	0.00	0.10	0.105	O				0.05
51.250	0.00	0.10	0.104	O				0.05
51.333	0.00	0.10	0.103	O				0.05
51.417	0.00	0.09	0.103	O				0.05
51.500	0.00	0.09	0.102	O				0.05
51.583	0.00	0.09	0.101	O				0.05
51.667	0.00	0.09	0.101	O				0.05
51.750	0.00	0.09	0.100	O				0.05

51.833	0.00	0.09	0.100	O				0.05
51.917	0.00	0.09	0.099	O				0.05
52.000	0.00	0.09	0.098	O				0.05
52.083	0.00	0.09	0.098	O				0.05
52.167	0.00	0.09	0.097	O				0.05
52.250	0.00	0.09	0.096	O				0.05
52.333	0.00	0.09	0.096	O				0.05
52.417	0.00	0.09	0.095	O				0.05
52.500	0.00	0.09	0.095	O				0.05
52.583	0.00	0.09	0.094	O				0.05
52.667	0.00	0.09	0.093	O				0.05
52.750	0.00	0.09	0.093	O				0.05
52.833	0.00	0.09	0.092	O				0.05
52.917	0.00	0.08	0.092	O				0.05
53.000	0.00	0.08	0.091	O				0.05
53.083	0.00	0.08	0.091	O				0.05
53.167	0.00	0.08	0.090	O				0.05
53.250	0.00	0.08	0.089	O				0.05
53.333	0.00	0.08	0.089	O				0.05
53.417	0.00	0.08	0.088	O				0.05
53.500	0.00	0.08	0.088	O				0.05
53.583	0.00	0.08	0.087	O				0.04
53.667	0.00	0.08	0.087	O				0.04
53.750	0.00	0.08	0.086	O				0.04
53.833	0.00	0.08	0.085	O				0.04
53.917	0.00	0.08	0.085	O				0.04
54.000	0.00	0.08	0.084	O				0.04
54.083	0.00	0.08	0.084	O				0.04
54.167	0.00	0.08	0.083	O				0.04
54.250	0.00	0.08	0.083	O				0.04
54.333	0.00	0.08	0.082	O				0.04
54.417	0.00	0.08	0.082	O				0.04
54.500	0.00	0.08	0.081	O				0.04
54.583	0.00	0.07	0.081	O				0.04
54.667	0.00	0.07	0.080	O				0.04
54.750	0.00	0.07	0.080	O				0.04
54.833	0.00	0.07	0.079	O				0.04
54.917	0.00	0.07	0.079	O				0.04
55.000	0.00	0.07	0.078	O				0.04
55.083	0.00	0.07	0.078	O				0.04
55.167	0.00	0.07	0.077	O				0.04
55.250	0.00	0.07	0.077	O				0.04
55.333	0.00	0.07	0.076	O				0.04
55.417	0.00	0.07	0.076	O				0.04
55.500	0.00	0.07	0.075	O				0.04
55.583	0.00	0.07	0.075	O				0.04
55.667	0.00	0.07	0.074	O				0.04
55.750	0.00	0.07	0.074	O				0.04
55.833	0.00	0.07	0.073	O				0.04
55.917	0.00	0.07	0.073	O				0.04
56.000	0.00	0.07	0.072	O				0.04
56.083	0.00	0.07	0.072	O				0.04
56.167	0.00	0.07	0.072	O				0.04
56.250	0.00	0.07	0.071	O				0.04
56.333	0.00	0.07	0.071	O				0.04
56.417	0.00	0.06	0.070	O				0.04
56.500	0.00	0.06	0.070	O				0.04
56.583	0.00	0.06	0.069	O				0.04
56.667	0.00	0.06	0.069	O				0.04
56.750	0.00	0.06	0.068	O				0.04
56.833	0.00	0.06	0.068	O				0.03
56.917	0.00	0.06	0.068	O				0.03
57.000	0.00	0.06	0.067	O				0.03

57.083	0.00	0.06	0.067	O					0.03
57.167	0.00	0.06	0.066	O					0.03
57.250	0.00	0.06	0.066	O					0.03
57.333	0.00	0.06	0.065	O					0.03
57.417	0.00	0.06	0.065	O					0.03
57.500	0.00	0.06	0.065	O					0.03
57.583	0.00	0.06	0.064	O					0.03
57.667	0.00	0.06	0.064	O					0.03
57.750	0.00	0.06	0.063	O					0.03
57.833	0.00	0.06	0.063	O					0.03
57.917	0.00	0.06	0.063	O					0.03
58.000	0.00	0.06	0.062	O					0.03
58.083	0.00	0.06	0.062	O					0.03
58.167	0.00	0.06	0.061	O					0.03
58.250	0.00	0.06	0.061	O					0.03
58.333	0.00	0.06	0.061	O					0.03
58.417	0.00	0.06	0.060	O					0.03
58.500	0.00	0.06	0.060	O					0.03
58.583	0.00	0.05	0.059	O					0.03
58.667	0.00	0.05	0.059	O					0.03
58.750	0.00	0.05	0.059	O					0.03
58.833	0.00	0.05	0.058	O					0.03
58.917	0.00	0.05	0.058	O					0.03
59.000	0.00	0.05	0.058	O					0.03
59.083	0.00	0.05	0.057	O					0.03
59.167	0.00	0.05	0.057	O					0.03
59.250	0.00	0.05	0.057	O					0.03
59.333	0.00	0.05	0.056	O					0.03
59.417	0.00	0.05	0.056	O					0.03
59.500	0.00	0.05	0.055	O					0.03
59.583	0.00	0.05	0.055	O					0.03
59.667	0.00	0.05	0.055	O					0.03
59.750	0.00	0.05	0.054	O					0.03
59.833	0.00	0.05	0.054	O					0.03
59.917	0.00	0.05	0.054	O					0.03
60.000	0.00	0.05	0.053	O					0.03
60.083	0.00	0.05	0.053	O					0.03
60.167	0.00	0.05	0.053	O					0.03
60.250	0.00	0.05	0.052	O					0.03
60.333	0.00	0.05	0.052	O					0.03
60.417	0.00	0.05	0.052	O					0.03
60.500	0.00	0.05	0.051	O					0.03
60.583	0.00	0.05	0.051	O					0.03
60.667	0.00	0.05	0.051	O					0.03
60.750	0.00	0.05	0.050	O					0.03
60.833	0.00	0.05	0.050	O					0.03
60.917	0.00	0.05	0.050	O					0.03
61.000	0.00	0.05	0.049	O					0.03
61.083	0.00	0.05	0.049	O					0.03
61.167	0.00	0.05	0.049	O					0.03
61.250	0.00	0.04	0.049	O					0.02
61.333	0.00	0.04	0.048	O					0.02
61.417	0.00	0.04	0.048	O					0.02
61.500	0.00	0.04	0.048	O					0.02
61.583	0.00	0.04	0.047	O					0.02
61.667	0.00	0.04	0.047	O					0.02
61.750	0.00	0.04	0.047	O					0.02
61.833	0.00	0.04	0.046	O					0.02
61.917	0.00	0.04	0.046	O					0.02
62.000	0.00	0.04	0.046	O					0.02
62.083	0.00	0.04	0.046	O					0.02
62.167	0.00	0.04	0.045	O					0.02
62.250	0.00	0.04	0.045	O					0.02

62.333	0.00	0.04	0.045	O					0.02
62.417	0.00	0.04	0.044	O					0.02
62.500	0.00	0.04	0.044	O					0.02
62.583	0.00	0.04	0.044	O					0.02
62.667	0.00	0.04	0.044	O					0.02
62.750	0.00	0.04	0.043	O					0.02
62.833	0.00	0.04	0.043	O					0.02
62.917	0.00	0.04	0.043	O					0.02
63.000	0.00	0.04	0.042	O					0.02
63.083	0.00	0.04	0.042	O					0.02
63.167	0.00	0.04	0.042	O					0.02
63.250	0.00	0.04	0.042	O					0.02
63.333	0.00	0.04	0.041	O					0.02
63.417	0.00	0.04	0.041	O					0.02
63.500	0.00	0.04	0.041	O					0.02
63.583	0.00	0.04	0.041	O					0.02
63.667	0.00	0.04	0.040	O					0.02
63.750	0.00	0.04	0.040	O					0.02
63.833	0.00	0.04	0.040	O					0.02
63.917	0.00	0.04	0.040	O					0.02
64.000	0.00	0.04	0.039	O					0.02
64.083	0.00	0.04	0.039	O					0.02
64.167	0.00	0.04	0.039	O					0.02
64.250	0.00	0.04	0.039	O					0.02
64.333	0.00	0.04	0.038	O					0.02
64.417	0.00	0.04	0.038	O					0.02
64.500	0.00	0.03	0.038	O					0.02
64.583	0.00	0.03	0.038	O					0.02
64.667	0.00	0.03	0.037	O					0.02
64.750	0.00	0.03	0.037	O					0.02
64.833	0.00	0.03	0.037	O					0.02
64.917	0.00	0.03	0.037	O					0.02
65.000	0.00	0.03	0.036	O					0.02
65.083	0.00	0.03	0.036	O					0.02
65.167	0.00	0.03	0.036	O					0.02
65.250	0.00	0.03	0.036	O					0.02
65.333	0.00	0.03	0.036	O					0.02
65.417	0.00	0.03	0.035	O					0.02
65.500	0.00	0.03	0.035	O					0.02
65.583	0.00	0.03	0.035	O					0.02
65.667	0.00	0.03	0.035	O					0.02
65.750	0.00	0.03	0.034	O					0.02
65.833	0.00	0.03	0.034	O					0.02
65.917	0.00	0.03	0.034	O					0.02
66.000	0.00	0.03	0.034	O					0.02
66.083	0.00	0.03	0.034	O					0.02
66.167	0.00	0.03	0.033	O					0.02
66.250	0.00	0.03	0.033	O					0.02
66.333	0.00	0.03	0.033	O					0.02
66.417	0.00	0.03	0.033	O					0.02
66.500	0.00	0.03	0.032	O					0.02
66.583	0.00	0.03	0.032	O					0.02
66.667	0.00	0.03	0.032	O					0.02
66.750	0.00	0.03	0.032	O					0.02
66.833	0.00	0.03	0.032	O					0.02
66.917	0.00	0.03	0.031	O					0.02
67.000	0.00	0.03	0.031	O					0.02
67.083	0.00	0.03	0.031	O					0.02
67.167	0.00	0.03	0.031	O					0.02
67.250	0.00	0.03	0.031	O					0.02
67.333	0.00	0.03	0.030	O					0.02
67.417	0.00	0.03	0.030	O					0.02
67.500	0.00	0.03	0.030	O					0.02

67.583	0.00	0.03	0.030	O					0.02
67.667	0.00	0.03	0.030	O					0.02
67.750	0.00	0.03	0.030	O					0.02
67.833	0.00	0.03	0.029	O					0.02
67.917	0.00	0.03	0.029	O					0.01
68.000	0.00	0.03	0.029	O					0.01
68.083	0.00	0.03	0.029	O					0.01
68.167	0.00	0.03	0.029	O					0.01
68.250	0.00	0.03	0.028	O					0.01
68.333	0.00	0.03	0.028	O					0.01
68.417	0.00	0.03	0.028	O					0.01
68.500	0.00	0.03	0.028	O					0.01
68.583	0.00	0.03	0.028	O					0.01
68.667	0.00	0.03	0.028	O					0.01
68.750	0.00	0.03	0.027	O					0.01
68.833	0.00	0.03	0.027	O					0.01
68.917	0.00	0.02	0.027	O					0.01
69.000	0.00	0.02	0.027	O					0.01
69.083	0.00	0.02	0.027	O					0.01
69.167	0.00	0.02	0.027	O					0.01
69.250	0.00	0.02	0.026	O					0.01
69.333	0.00	0.02	0.026	O					0.01
69.417	0.00	0.02	0.026	O					0.01
69.500	0.00	0.02	0.026	O					0.01
69.583	0.00	0.02	0.026	O					0.01
69.667	0.00	0.02	0.026	O					0.01
69.750	0.00	0.02	0.025	O					0.01
69.833	0.00	0.02	0.025	O					0.01
69.917	0.00	0.02	0.025	O					0.01
70.000	0.00	0.02	0.025	O					0.01
70.083	0.00	0.02	0.025	O					0.01
70.167	0.00	0.02	0.025	O					0.01
70.250	0.00	0.02	0.024	O					0.01
70.333	0.00	0.02	0.024	O					0.01
70.417	0.00	0.02	0.024	O					0.01
70.500	0.00	0.02	0.024	O					0.01
70.583	0.00	0.02	0.024	O					0.01
70.667	0.00	0.02	0.024	O					0.01
70.750	0.00	0.02	0.023	O					0.01
70.833	0.00	0.02	0.023	O					0.01
70.917	0.00	0.02	0.023	O					0.01
71.000	0.00	0.02	0.023	O					0.01
71.083	0.00	0.02	0.023	O					0.01
71.167	0.00	0.02	0.023	O					0.01
71.250	0.00	0.02	0.023	O					0.01
71.333	0.00	0.02	0.022	O					0.01
71.417	0.00	0.02	0.022	O					0.01
71.500	0.00	0.02	0.022	O					0.01
71.583	0.00	0.02	0.022	O					0.01
71.667	0.00	0.02	0.022	O					0.01
71.750	0.00	0.02	0.022	O					0.01
71.833	0.00	0.02	0.022	O					0.01
71.917	0.00	0.02	0.021	O					0.01
72.000	0.00	0.02	0.021	O					0.01
72.083	0.00	0.02	0.021	O					0.01
72.167	0.00	0.02	0.021	O					0.01
72.250	0.00	0.02	0.021	O					0.01
72.333	0.00	0.02	0.021	O					0.01
72.417	0.00	0.02	0.021	O					0.01
72.500	0.00	0.02	0.021	O					0.01
72.583	0.00	0.02	0.020	O					0.01
72.667	0.00	0.02	0.020	O					0.01
72.750	0.00	0.02	0.020	O					0.01

72.833	0.00	0.02	0.020	O				0.01
72.917	0.00	0.02	0.020	O				0.01
73.000	0.00	0.02	0.020	O				0.01
73.083	0.00	0.02	0.020	O				0.01
73.167	0.00	0.02	0.020	O				0.01
73.250	0.00	0.02	0.019	O				0.01
73.333	0.00	0.02	0.019	O				0.01
73.417	0.00	0.02	0.019	O				0.01
73.500	0.00	0.02	0.019	O				0.01
73.583	0.00	0.02	0.019	O				0.01
73.667	0.00	0.02	0.019	O				0.01
73.750	0.00	0.02	0.019	O				0.01
73.833	0.00	0.02	0.019	O				0.01
73.917	0.00	0.02	0.018	O				0.01
74.000	0.00	0.02	0.018	O				0.01
74.083	0.00	0.02	0.018	O				0.01
74.167	0.00	0.02	0.018	O				0.01
74.250	0.00	0.02	0.018	O				0.01
74.333	0.00	0.02	0.018	O				0.01
74.417	0.00	0.02	0.018	O				0.01
74.500	0.00	0.02	0.018	O				0.01
74.583	0.00	0.02	0.018	O				0.01
74.667	0.00	0.02	0.017	O				0.01
74.750	0.00	0.02	0.017	O				0.01
74.833	0.00	0.02	0.017	O				0.01
74.917	0.00	0.02	0.017	O				0.01
75.000	0.00	0.02	0.017	O				0.01
75.083	0.00	0.02	0.017	O				0.01
75.167	0.00	0.02	0.017	O				0.01
75.250	0.00	0.02	0.017	O				0.01
75.333	0.00	0.02	0.017	O				0.01
75.417	0.00	0.02	0.016	O				0.01
75.500	0.00	0.02	0.016	O				0.01
75.583	0.00	0.02	0.016	O				0.01
75.667	0.00	0.01	0.016	O				0.01
75.750	0.00	0.01	0.016	O				0.01
75.833	0.00	0.01	0.016	O				0.01
75.917	0.00	0.01	0.016	O				0.01
76.000	0.00	0.01	0.016	O				0.01
76.083	0.00	0.01	0.016	O				0.01
76.167	0.00	0.01	0.016	O				0.01
76.250	0.00	0.01	0.015	O				0.01
76.333	0.00	0.01	0.015	O				0.01
76.417	0.00	0.01	0.015	O				0.01
76.500	0.00	0.01	0.015	O				0.01
76.583	0.00	0.01	0.015	O				0.01
76.667	0.00	0.01	0.015	O				0.01
76.750	0.00	0.01	0.015	O				0.01
76.833	0.00	0.01	0.015	O				0.01
76.917	0.00	0.01	0.015	O				0.01
77.000	0.00	0.01	0.015	O				0.01
77.083	0.00	0.01	0.014	O				0.01
77.167	0.00	0.01	0.014	O				0.01
77.250	0.00	0.01	0.014	O				0.01
77.333	0.00	0.01	0.014	O				0.01
77.417	0.00	0.01	0.014	O				0.01
77.500	0.00	0.01	0.014	O				0.01
77.583	0.00	0.01	0.014	O				0.01
77.667	0.00	0.01	0.014	O				0.01
77.750	0.00	0.01	0.014	O				0.01
77.833	0.00	0.01	0.014	O				0.01
77.917	0.00	0.01	0.014	O				0.01
78.000	0.00	0.01	0.014	O				0.01

78.083	0.00	0.01	0.013	O				0.01
78.167	0.00	0.01	0.013	O				0.01
78.250	0.00	0.01	0.013	O				0.01
78.333	0.00	0.01	0.013	O				0.01
78.417	0.00	0.01	0.013	O				0.01
78.500	0.00	0.01	0.013	O				0.01
78.583	0.00	0.01	0.013	O				0.01
78.667	0.00	0.01	0.013	O				0.01
78.750	0.00	0.01	0.013	O				0.01
78.833	0.00	0.01	0.013	O				0.01
78.917	0.00	0.01	0.013	O				0.01
79.000	0.00	0.01	0.013	O				0.01
79.083	0.00	0.01	0.012	O				0.01
79.167	0.00	0.01	0.012	O				0.01
79.250	0.00	0.01	0.012	O				0.01
79.333	0.00	0.01	0.012	O				0.01
79.417	0.00	0.01	0.012	O				0.01
79.500	0.00	0.01	0.012	O				0.01
79.583	0.00	0.01	0.012	O				0.01
79.667	0.00	0.01	0.012	O				0.01
79.750	0.00	0.01	0.012	O				0.01
79.833	0.00	0.01	0.012	O				0.01
79.917	0.00	0.01	0.012	O				0.01
80.000	0.00	0.01	0.012	O				0.01
80.083	0.00	0.01	0.012	O				0.01
80.167	0.00	0.01	0.011	O				0.01
80.250	0.00	0.01	0.011	O				0.01
80.333	0.00	0.01	0.011	O				0.01
80.417	0.00	0.01	0.011	O				0.01
80.500	0.00	0.01	0.011	O				0.01
80.583	0.00	0.01	0.011	O				0.01
80.667	0.00	0.01	0.011	O				0.01
80.750	0.00	0.01	0.011	O				0.01
80.833	0.00	0.01	0.011	O				0.01
80.917	0.00	0.01	0.011	O				0.01
81.000	0.00	0.01	0.011	O				0.01
81.083	0.00	0.01	0.011	O				0.01
81.167	0.00	0.01	0.011	O				0.01
81.250	0.00	0.01	0.011	O				0.01
81.333	0.00	0.01	0.010	O				0.01
81.417	0.00	0.01	0.010	O				0.01
81.500	0.00	0.01	0.010	O				0.01
81.583	0.00	0.01	0.010	O				0.01
81.667	0.00	0.01	0.010	O				0.01
81.750	0.00	0.01	0.010	O				0.01
81.833	0.00	0.01	0.010	O				0.01
81.917	0.00	0.01	0.010	O				0.01
82.000	0.00	0.01	0.010	O				0.01
82.083	0.00	0.01	0.010	O				0.01
82.167	0.00	0.01	0.010	O				0.01
82.250	0.00	0.01	0.010	O				0.01
82.333	0.00	0.01	0.010	O				0.00
82.417	0.00	0.01	0.010	O				0.00
82.500	0.00	0.01	0.010	O				0.00
82.583	0.00	0.01	0.010	O				0.00
82.667	0.00	0.01	0.009	O				0.00
82.750	0.00	0.01	0.009	O				0.00
82.833	0.00	0.01	0.009	O				0.00
82.917	0.00	0.01	0.009	O				0.00
83.000	0.00	0.01	0.009	O				0.00
83.083	0.00	0.01	0.009	O				0.00
83.167	0.00	0.01	0.009	O				0.00
83.250	0.00	0.01	0.009	O				0.00

83.333	0.00	0.01	0.009	O					0.00
83.417	0.00	0.01	0.009	O					0.00
83.500	0.00	0.01	0.009	O					0.00
83.583	0.00	0.01	0.009	O					0.00
83.667	0.00	0.01	0.009	O					0.00
83.750	0.00	0.01	0.009	O					0.00
83.833	0.00	0.01	0.009	O					0.00
83.917	0.00	0.01	0.009	O					0.00
84.000	0.00	0.01	0.009	O					0.00
84.083	0.00	0.01	0.008	O					0.00
84.167	0.00	0.01	0.008	O					0.00
84.250	0.00	0.01	0.008	O					0.00
84.333	0.00	0.01	0.008	O					0.00
84.417	0.00	0.01	0.008	O					0.00
84.500	0.00	0.01	0.008	O					0.00
84.583	0.00	0.01	0.008	O					0.00
84.667	0.00	0.01	0.008	O					0.00
84.750	0.00	0.01	0.008	O					0.00
84.833	0.00	0.01	0.008	O					0.00
84.917	0.00	0.01	0.008	O					0.00
85.000	0.00	0.01	0.008	O					0.00
85.083	0.00	0.01	0.008	O					0.00
85.167	0.00	0.01	0.008	O					0.00
85.250	0.00	0.01	0.008	O					0.00
85.333	0.00	0.01	0.008	O					0.00
85.417	0.00	0.01	0.008	O					0.00
85.500	0.00	0.01	0.008	O					0.00
85.583	0.00	0.01	0.008	O					0.00
85.667	0.00	0.01	0.008	O					0.00
85.750	0.00	0.01	0.007	O					0.00
85.833	0.00	0.01	0.007	O					0.00
85.917	0.00	0.01	0.007	O					0.00
86.000	0.00	0.01	0.007	O					0.00
86.083	0.00	0.01	0.007	O					0.00
86.167	0.00	0.01	0.007	O					0.00
86.250	0.00	0.01	0.007	O					0.00
86.333	0.00	0.01	0.007	O					0.00
86.417	0.00	0.01	0.007	O					0.00
86.500	0.00	0.01	0.007	O					0.00
86.583	0.00	0.01	0.007	O					0.00
86.667	0.00	0.01	0.007	O					0.00
86.750	0.00	0.01	0.007	O					0.00
86.833	0.00	0.01	0.007	O					0.00
86.917	0.00	0.01	0.007	O					0.00
87.000	0.00	0.01	0.007	O					0.00
87.083	0.00	0.01	0.007	O					0.00
87.167	0.00	0.01	0.007	O					0.00
87.250	0.00	0.01	0.007	O					0.00
87.333	0.00	0.01	0.007	O					0.00
87.417	0.00	0.01	0.007	O					0.00
87.500	0.00	0.01	0.007	O					0.00
87.583	0.00	0.01	0.006	O					0.00
87.667	0.00	0.01	0.006	O					0.00
87.750	0.00	0.01	0.006	O					0.00
87.833	0.00	0.01	0.006	O					0.00
87.917	0.00	0.01	0.006	O					0.00
88.000	0.00	0.01	0.006	O					0.00
88.083	0.00	0.01	0.006	O					0.00
88.167	0.00	0.01	0.006	O					0.00
88.250	0.00	0.01	0.006	O					0.00
88.333	0.00	0.01	0.006	O					0.00
88.417	0.00	0.01	0.006	O					0.00
88.500	0.00	0.01	0.006	O					0.00

88.583	0.00	0.01	0.006	O					0.00
88.667	0.00	0.01	0.006	O					0.00
88.750	0.00	0.01	0.006	O					0.00
88.833	0.00	0.01	0.006	O					0.00
88.917	0.00	0.01	0.006	O					0.00
89.000	0.00	0.01	0.006	O					0.00
89.083	0.00	0.01	0.006	O					0.00
89.167	0.00	0.01	0.006	O					0.00
89.250	0.00	0.01	0.006	O					0.00
89.333	0.00	0.01	0.006	O					0.00
89.417	0.00	0.01	0.006	O					0.00
89.500	0.00	0.01	0.006	O					0.00
89.583	0.00	0.01	0.006	O					0.00
89.667	0.00	0.01	0.006	O					0.00
89.750	0.00	0.01	0.006	O					0.00
89.833	0.00	0.01	0.005	O					0.00
89.917	0.00	0.01	0.005	O					0.00
90.000	0.00	0.00	0.005	O					0.00
90.083	0.00	0.00	0.005	O					0.00
90.167	0.00	0.00	0.005	O					0.00
90.250	0.00	0.00	0.005	O					0.00
90.333	0.00	0.00	0.005	O					0.00
90.417	0.00	0.00	0.005	O					0.00
90.500	0.00	0.00	0.005	O					0.00
90.583	0.00	0.00	0.005	O					0.00
90.667	0.00	0.00	0.005	O					0.00
90.750	0.00	0.00	0.005	O					0.00
90.833	0.00	0.00	0.005	O					0.00
90.917	0.00	0.00	0.005	O					0.00
91.000	0.00	0.00	0.005	O					0.00
91.083	0.00	0.00	0.005	O					0.00
91.167	0.00	0.00	0.005	O					0.00
91.250	0.00	0.00	0.005	O					0.00
91.333	0.00	0.00	0.005	O					0.00
91.417	0.00	0.00	0.005	O					0.00
91.500	0.00	0.00	0.005	O					0.00
91.583	0.00	0.00	0.005	O					0.00
91.667	0.00	0.00	0.005	O					0.00
91.750	0.00	0.00	0.005	O					0.00
91.833	0.00	0.00	0.005	O					0.00
91.917	0.00	0.00	0.005	O					0.00
92.000	0.00	0.00	0.005	O					0.00
92.083	0.00	0.00	0.005	O					0.00
92.167	0.00	0.00	0.005	O					0.00
92.250	0.00	0.00	0.005	O					0.00
92.333	0.00	0.00	0.005	O					0.00
92.417	0.00	0.00	0.004	O					0.00
92.500	0.00	0.00	0.004	O					0.00
92.583	0.00	0.00	0.004	O					0.00
92.667	0.00	0.00	0.004	O					0.00
92.750	0.00	0.00	0.004	O					0.00
92.833	0.00	0.00	0.004	O					0.00
92.917	0.00	0.00	0.004	O					0.00
93.000	0.00	0.00	0.004	O					0.00
93.083	0.00	0.00	0.004	O					0.00
93.167	0.00	0.00	0.004	O					0.00
93.250	0.00	0.00	0.004	O					0.00
93.333	0.00	0.00	0.004	O					0.00
93.417	0.00	0.00	0.004	O					0.00
93.500	0.00	0.00	0.004	O					0.00
93.583	0.00	0.00	0.004	O					0.00
93.667	0.00	0.00	0.004	O					0.00
93.750	0.00	0.00	0.004	O					0.00

93.833	0.00	0.00	0.004	O	|	|	|	|	0.00
93.917	0.00	0.00	0.004	O	|	|	|	|	0.00
94.000	0.00	0.00	0.004	O	|	|	|	|	0.00
94.083	0.00	0.00	0.004	O	|	|	|	|	0.00
94.167	0.00	0.00	0.004	O	|	|	|	|	0.00
94.250	0.00	0.00	0.004	O	|	|	|	|	0.00
94.333	0.00	0.00	0.004	O	|	|	|	|	0.00
94.417	0.00	0.00	0.004	O	|	|	|	|	0.00
94.500	0.00	0.00	0.004	O	|	|	|	|	0.00
94.583	0.00	0.00	0.004	O	|	|	|	|	0.00
94.667	0.00	0.00	0.004	O	|	|	|	|	0.00
94.750	0.00	0.00	0.004	O	|	|	|	|	0.00
94.833	0.00	0.00	0.004	O	|	|	|	|	0.00
94.917	0.00	0.00	0.004	O	|	|	|	|	0.00
95.000	0.00	0.00	0.004	O	|	|	|	|	0.00
95.083	0.00	0.00	0.004	O	|	|	|	|	0.00
95.167	0.00	0.00	0.004	O	|	|	|	|	0.00
95.250	0.00	0.00	0.004	O	|	|	|	|	0.00
95.333	0.00	0.00	0.004	O	|	|	|	|	0.00
95.417	0.00	0.00	0.004	O	|	|	|	|	0.00
95.500	0.00	0.00	0.004	O	|	|	|	|	0.00
95.583	0.00	0.00	0.004	O	|	|	|	|	0.00
95.667	0.00	0.00	0.004	O	|	|	|	|	0.00
95.750	0.00	0.00	0.003	O	|	|	|	|	0.00
95.833	0.00	0.00	0.003	O	|	|	|	|	0.00
95.917	0.00	0.00	0.003	O	|	|	|	|	0.00
96.000	0.00	0.00	0.003	O	|	|	|	|	0.00
96.083	0.00	0.00	0.003	O	|	|	|	|	0.00
96.167	0.00	0.00	0.003	O	|	|	|	|	0.00
96.250	0.00	0.00	0.003	O	|	|	|	|	0.00
96.333	0.00	0.00	0.003	O	|	|	|	|	0.00
96.417	0.00	0.00	0.003	O	|	|	|	|	0.00
96.500	0.00	0.00	0.003	O	|	|	|	|	0.00
96.583	0.00	0.00	0.003	O	|	|	|	|	0.00
96.667	0.00	0.00	0.003	O	|	|	|	|	0.00
96.750	0.00	0.00	0.003	O	|	|	|	|	0.00
96.833	0.00	0.00	0.003	O	|	|	|	|	0.00
96.917	0.00	0.00	0.003	O	|	|	|	|	0.00
97.000	0.00	0.00	0.003	O	|	|	|	|	0.00
97.083	0.00	0.00	0.003	O	|	|	|	|	0.00
97.167	0.00	0.00	0.003	O	|	|	|	|	0.00
97.250	0.00	0.00	0.003	O	|	|	|	|	0.00
97.333	0.00	0.00	0.003	O	|	|	|	|	0.00
97.417	0.00	0.00	0.003	O	|	|	|	|	0.00
97.500	0.00	0.00	0.003	O	|	|	|	|	0.00
97.583	0.00	0.00	0.003	O	|	|	|	|	0.00
97.667	0.00	0.00	0.003	O	|	|	|	|	0.00
97.750	0.00	0.00	0.003	O	|	|	|	|	0.00
97.833	0.00	0.00	0.003	O	|	|	|	|	0.00
97.917	0.00	0.00	0.003	O	|	|	|	|	0.00
98.000	0.00	0.00	0.003	O	|	|	|	|	0.00
98.083	0.00	0.00	0.003	O	|	|	|	|	0.00
98.167	0.00	0.00	0.003	O	|	|	|	|	0.00
98.250	0.00	0.00	0.003	O	|	|	|	|	0.00
98.333	0.00	0.00	0.003	O	|	|	|	|	0.00
98.417	0.00	0.00	0.003	O	|	|	|	|	0.00
98.500	0.00	0.00	0.003	O	|	|	|	|	0.00
98.583	0.00	0.00	0.003	O	|	|	|	|	0.00
98.667	0.00	0.00	0.003	O	|	|	|	|	0.00
98.750	0.00	0.00	0.003	O	|	|	|	|	0.00
98.833	0.00	0.00	0.003	O	|	|	|	|	0.00
98.917	0.00	0.00	0.003	O	|	|	|	|	0.00
99.000	0.00	0.00	0.003	O	|	|	|	|	0.00

99.083	0.00	0.00	0.003	O	|	|	|	|	0.00
99.167	0.00	0.00	0.003	O	|	|	|	|	0.00
99.250	0.00	0.00	0.003	O	|	|	|	|	0.00
99.333	0.00	0.00	0.003	O	|	|	|	|	0.00
99.417	0.00	0.00	0.003	O	|	|	|	|	0.00
99.500	0.00	0.00	0.003	O	|	|	|	|	0.00
99.583	0.00	0.00	0.003	O	|	|	|	|	0.00
99.667	0.00	0.00	0.003	O	|	|	|	|	0.00
99.750	0.00	0.00	0.003	O	|	|	|	|	0.00
99.833	0.00	0.00	0.003	O	|	|	|	|	0.00
99.917	0.00	0.00	0.003	O	|	|	|	|	0.00
100.000	0.00	0.00	0.003	O	|	|	|	|	0.00
100.083	0.00	0.00	0.003	O	|	|	|	|	0.00
100.167	0.00	0.00	0.002	O	|	|	|	|	0.00
100.250	0.00	0.00	0.002	O	|	|	|	|	0.00
100.333	0.00	0.00	0.002	O	|	|	|	|	0.00
100.417	0.00	0.00	0.002	O	|	|	|	|	0.00
100.500	0.00	0.00	0.002	O	|	|	|	|	0.00
100.583	0.00	0.00	0.002	O	|	|	|	|	0.00
100.667	0.00	0.00	0.002	O	|	|	|	|	0.00
100.750	0.00	0.00	0.002	O	|	|	|	|	0.00
100.833	0.00	0.00	0.002	O	|	|	|	|	0.00
100.917	0.00	0.00	0.002	O	|	|	|	|	0.00
101.000	0.00	0.00	0.002	O	|	|	|	|	0.00
101.083	0.00	0.00	0.002	O	|	|	|	|	0.00
101.167	0.00	0.00	0.002	O	|	|	|	|	0.00
101.250	0.00	0.00	0.002	O	|	|	|	|	0.00
101.333	0.00	0.00	0.002	O	|	|	|	|	0.00
101.417	0.00	0.00	0.002	O	|	|	|	|	0.00
101.500	0.00	0.00	0.002	O	|	|	|	|	0.00
101.583	0.00	0.00	0.002	O	|	|	|	|	0.00
101.667	0.00	0.00	0.002	O	|	|	|	|	0.00
101.750	0.00	0.00	0.002	O	|	|	|	|	0.00
101.833	0.00	0.00	0.002	O	|	|	|	|	0.00
101.917	0.00	0.00	0.002	O	|	|	|	|	0.00
102.000	0.00	0.00	0.002	O	|	|	|	|	0.00
102.083	0.00	0.00	0.002	O	|	|	|	|	0.00
102.167	0.00	0.00	0.002	O	|	|	|	|	0.00
102.250	0.00	0.00	0.002	O	|	|	|	|	0.00
102.333	0.00	0.00	0.002	O	|	|	|	|	0.00
102.417	0.00	0.00	0.002	O	|	|	|	|	0.00
102.500	0.00	0.00	0.002	O	|	|	|	|	0.00
102.583	0.00	0.00	0.002	O	|	|	|	|	0.00
102.667	0.00	0.00	0.002	O	|	|	|	|	0.00
102.750	0.00	0.00	0.002	O	|	|	|	|	0.00
102.833	0.00	0.00	0.002	O	|	|	|	|	0.00
102.917	0.00	0.00	0.002	O	|	|	|	|	0.00
103.000	0.00	0.00	0.002	O	|	|	|	|	0.00
103.083	0.00	0.00	0.002	O	|	|	|	|	0.00
103.167	0.00	0.00	0.002	O	|	|	|	|	0.00
103.250	0.00	0.00	0.002	O	|	|	|	|	0.00
103.333	0.00	0.00	0.002	O	|	|	|	|	0.00
103.417	0.00	0.00	0.002	O	|	|	|	|	0.00

Remaining water in basin = 0.00 (Ac.Ft)

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

Number of intervals = 1241
Time interval = 5.0 (Min.)
Maximum/Peak flow rate = 1.964 (CFS)
Total volume = 3.855 (Ac.Ft)

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       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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                FLOOD HYDROGRAPH ROUTING PROGRAM
          Copyright (c) CIVILCADD/CIVILDESIGN, 1989 - 2005
                      Study date: 04/03/24

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Keller Crossing, Tr. 38163
WQ - Detention Basin Routing Area C onsite
Detention Basin C full with DCV at 1426
5-year 3-hour storm Inflow Hydrograph



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Program License Serial Number 4029

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

             From study/file name: 907hydc5pr35.rte
****************************HYDROGRAPH DATA*****************************
             Number of intervals =    44
             Time interval =    5.0 (Min.)
             Maximum/Peak flow rate =       59.899 (CFS)
             Total volume =       5.213 (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       10.000 to Point/Station       11.000
**** RETARDING BASIN ROUTING ****
________________________________________________________________________

User entry of depth-outflow-storage data
------------------------------------------------------------------------
Total number of inflow hydrograph intervals = 44
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  Storage    Outflow   (S-O*dt/2)   (S+O*dt/2)
     (Ft.)    (Ac.Ft)    (CFS)     (Ac.Ft)    (Ac.Ft)
------------------------------------------------------------------------
   0.000      0.000      0.000      0.000        0.000
   1.000      1.948      1.800      1.942        1.954
   2.000      4.304      2.020      4.297        4.311
   3.000      7.054      3.480      7.042        7.066
   4.000     10.094     49.260      9.924       10.264
```

4.500	11.710	87.250	11.410	12.010
5.000	13.325	331.310	12.184	14.466
6.000	16.754	1244.540	12.468	21.040

Hydrograph Detention Basin Routing

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

Time (Hours)	Inflow (CFS)	Outflow (CFS)	Storage (Ac.Ft)	.0 15.0 29.95 44.92 59.90	Depth (Ft.)
0.083	1.61	0.01	0.006	O | | | | |	0.00
0.167	6.10	0.03	0.032	O I | | | | |	0.02
0.250	7.44	0.07	0.078	O I | | | | |	0.04
0.333	7.94	0.12	0.131	O I | | | | |	0.07
0.417	9.48	0.18	0.190	O I | | | | |	0.10
0.500	10.49	0.24	0.257	O I | | | | |	0.13
0.583	11.48	0.31	0.331	O I | | | | |	0.17
0.667	11.38	0.38	0.407	O I | | | | |	0.21
0.750	12.36	0.45	0.486	O I | | | | |	0.25
0.833	12.32	0.52	0.568	O I | | | | |	0.29
0.917	11.55	0.60	0.646	O I | | | | |	0.33
1.000	11.88	0.67	0.722	O I | | | | |	0.37
1.083	13.08	0.74	0.803	O I | | | | |	0.41
1.167	14.70	0.83	0.894	O I| | | | |	0.46
1.250	15.27	0.92	0.991	O I | | | | |	0.51
1.333	15.30	1.01	1.089	O I | | | | |	0.56
1.417	15.50	1.10	1.188	O I | | | | |	0.61
1.500	17.55	1.20	1.294	O |I | | | |	0.66
1.583	18.22	1.30	1.409	O |I | | | |	0.72
1.667	17.99	1.41	1.524	O |I | | | |	0.78
1.750	19.63	1.52	1.644	O | I | | | |	0.84
1.833	21.78	1.64	1.775	O | I | | | |	0.91
1.917	21.73	1.77	1.913	O | I | | | |	0.98
2.000	21.32	1.81	2.049	O | I | | | |	1.04
2.083	21.70	1.82	2.185	O | I | | | |	1.10
2.167	23.50	1.84	2.328	O | I | | | |	1.16
2.250	28.45	1.85	2.494	O | I| | | |	1.23
2.333	30.79	1.87	2.686	O | I | | |	1.31
2.417	32.53	1.89	2.891	|O | |I | |	1.40
2.500	47.18	1.91	3.152	|O | | |I |	1.51
2.583	56.42	1.94	3.495	|O | | | I |	1.66
2.667	59.90	1.98	3.882	|O | | | I|	1.82
2.750	45.56	2.01	4.232	|O | | I |	1.97
2.833	27.65	2.11	4.470	|O | I | | |	2.06
2.917	20.79	2.19	4.622	|O | I | | |	2.12
3.000	16.21	2.25	4.734	|O I | | |	2.16
3.083	9.71	2.29	4.808	|O I | | | |	2.18
3.167	4.95	2.31	4.842	|OI | | | |	2.20
3.250	2.76	2.31	4.853	|O | | | |	2.20
3.333	1.42	2.31	4.851	IO | | | |	2.20
3.417	0.65	2.31	4.843	IO | | | |	2.20
3.500	0.36	2.30	4.830	IO | | | |	2.19
3.583	0.18	2.29	4.816	IO | | | |	2.19
3.667	0.04	2.28	4.801	IO | | | |	2.18
3.750	0.00	2.28	4.786	IO | | | |	2.18
3.833	0.00	2.27	4.770	IO | | | |	2.17
3.917	0.00	2.26	4.754	IO | | | |	2.16
4.000	0.00	2.25	4.739	IO | | | |	2.16
4.083	0.00	2.24	4.723	IO | | | |	2.15
4.167	0.00	2.23	4.708	IO | | | |	2.15
4.250	0.00	2.23	4.693	IO | | | |	2.14
4.333	0.00	2.22	4.677	IO | | | |	2.14

4.417	0.00	2.21	4.662	IO				2.13
4.500	0.00	2.20	4.647	IO				2.12
4.583	0.00	2.19	4.632	IO				2.12
4.667	0.00	2.19	4.617	IO				2.11
4.750	0.00	2.18	4.602	IO				2.11
4.833	0.00	2.17	4.587	IO				2.10
4.917	0.00	2.16	4.572	IO				2.10
5.000	0.00	2.15	4.557	IO				2.09
5.083	0.00	2.15	4.542	IO				2.09
5.167	0.00	2.14	4.527	IO				2.08
5.250	0.00	2.13	4.513	IO				2.08
5.333	0.00	2.12	4.498	IO				2.07
5.417	0.00	2.12	4.483	IO				2.07
5.500	0.00	2.11	4.469	IO				2.06
5.583	0.00	2.10	4.454	IO				2.05
5.667	0.00	2.09	4.440	IO				2.05
5.750	0.00	2.08	4.426	IO				2.04
5.833	0.00	2.08	4.411	IO				2.04
5.917	0.00	2.07	4.397	IO				2.03
6.000	0.00	2.06	4.383	IO				2.03
6.083	0.00	2.05	4.369	IO				2.02
6.167	0.00	2.05	4.354	IO				2.02
6.250	0.00	2.04	4.340	IO				2.01
6.333	0.00	2.03	4.326	IO				2.01
6.417	0.00	2.02	4.312	IO				2.00
6.500	0.00	2.02	4.298	IO				2.00
6.583	0.00	2.02	4.285	IO				1.99
6.667	0.00	2.02	4.271	IO				1.99
6.750	0.00	2.02	4.257	IO				1.98
6.833	0.00	2.01	4.243	IO				1.97
6.917	0.00	2.01	4.229	IO				1.97
7.000	0.00	2.01	4.215	IO				1.96
7.083	0.00	2.01	4.201	IO				1.96
7.167	0.00	2.01	4.187	IO				1.95
7.250	0.00	2.01	4.174	IO				1.94
7.333	0.00	2.01	4.160	IO				1.94
7.417	0.00	2.01	4.146	IO				1.93
7.500	0.00	2.00	4.132	IO				1.93
7.583	0.00	2.00	4.118	IO				1.92
7.667	0.00	2.00	4.105	IO				1.92
7.750	0.00	2.00	4.091	IO				1.91
7.833	0.00	2.00	4.077	IO				1.90
7.917	0.00	2.00	4.063	IO				1.90
8.000	0.00	2.00	4.050	IO				1.89
8.083	0.00	1.99	4.036	IO				1.89
8.167	0.00	1.99	4.022	IO				1.88
8.250	0.00	1.99	4.008	IO				1.87
8.333	0.00	1.99	3.995	IO				1.87
8.417	0.00	1.99	3.981	IO				1.86
8.500	0.00	1.99	3.967	IO				1.86
8.583	0.00	1.99	3.954	IO				1.85
8.667	0.00	1.99	3.940	IO				1.85
8.750	0.00	1.98	3.926	IO				1.84
8.833	0.00	1.98	3.912	IO				1.83
8.917	0.00	1.98	3.899	IO				1.83
9.000	0.00	1.98	3.885	IO				1.82
9.083	0.00	1.98	3.872	IO				1.82
9.167	0.00	1.98	3.858	IO				1.81
9.250	0.00	1.98	3.844	IO				1.80
9.333	0.00	1.98	3.831	IO				1.80
9.417	0.00	1.97	3.817	IO				1.79
9.500	0.00	1.97	3.803	IO				1.79
9.583	0.00	1.97	3.790	IO				1.78

9.667	0.00	1.97	3.776	IO				1.78
9.750	0.00	1.97	3.763	IO				1.77
9.833	0.00	1.97	3.749	IO				1.76
9.917	0.00	1.97	3.736	IO				1.76
10.000	0.00	1.97	3.722	IO				1.75
10.083	0.00	1.96	3.709	IO				1.75
10.167	0.00	1.96	3.695	IO				1.74
10.250	0.00	1.96	3.682	IO				1.74
10.333	0.00	1.96	3.668	IO				1.73
10.417	0.00	1.96	3.655	IO				1.72
10.500	0.00	1.96	3.641	IO				1.72
10.583	0.00	1.96	3.628	IO				1.71
10.667	0.00	1.96	3.614	IO				1.71
10.750	0.00	1.95	3.601	IO				1.70
10.833	0.00	1.95	3.587	IO				1.70
10.917	0.00	1.95	3.574	IO				1.69
11.000	0.00	1.95	3.560	IO				1.68
11.083	0.00	1.95	3.547	IO				1.68
11.167	0.00	1.95	3.533	IO				1.67
11.250	0.00	1.95	3.520	IO				1.67
11.333	0.00	1.95	3.507	IO				1.66
11.417	0.00	1.94	3.493	IO				1.66
11.500	0.00	1.94	3.480	IO				1.65
11.583	0.00	1.94	3.466	IO				1.64
11.667	0.00	1.94	3.453	IO				1.64
11.750	0.00	1.94	3.440	IO				1.63
11.833	0.00	1.94	3.426	IO				1.63
11.917	0.00	1.94	3.413	IO				1.62
12.000	0.00	1.94	3.400	IO				1.62
12.083	0.00	1.93	3.386	IO				1.61
12.167	0.00	1.93	3.373	IO				1.60
12.250	0.00	1.93	3.360	IO				1.60
12.333	0.00	1.93	3.346	IO				1.59
12.417	0.00	1.93	3.333	IO				1.59
12.500	0.00	1.93	3.320	IO				1.58
12.583	0.00	1.93	3.307	IO				1.58
12.667	0.00	1.93	3.293	IO				1.57
12.750	0.00	1.92	3.280	IO				1.57
12.833	0.00	1.92	3.267	IO				1.56
12.917	0.00	1.92	3.254	IO				1.55
13.000	0.00	1.92	3.240	IO				1.55
13.083	0.00	1.92	3.227	IO				1.54
13.167	0.00	1.92	3.214	IO				1.54
13.250	0.00	1.92	3.201	IO				1.53
13.333	0.00	1.92	3.188	IO				1.53
13.417	0.00	1.91	3.174	IO				1.52
13.500	0.00	1.91	3.161	IO				1.51
13.583	0.00	1.91	3.148	IO				1.51
13.667	0.00	1.91	3.135	IO				1.50
13.750	0.00	1.91	3.122	IO				1.50
13.833	0.00	1.91	3.109	IO				1.49
13.917	0.00	1.91	3.095	IO				1.49
14.000	0.00	1.91	3.082	IO				1.48
14.083	0.00	1.90	3.069	IO				1.48
14.167	0.00	1.90	3.056	IO				1.47
14.250	0.00	1.90	3.043	IO				1.46
14.333	0.00	1.90	3.030	IO				1.46
14.417	0.00	1.90	3.017	IO				1.45
14.500	0.00	1.90	3.004	IO				1.45
14.583	0.00	1.90	2.991	IO				1.44
14.667	0.00	1.90	2.977	IO				1.44
14.750	0.00	1.89	2.964	IO				1.43
14.833	0.00	1.89	2.951	IO				1.43

14.917	0.00	1.89	2.938	IO				1.42
15.000	0.00	1.89	2.925	IO				1.41
15.083	0.00	1.89	2.912	IO				1.41
15.167	0.00	1.89	2.899	IO				1.40
15.250	0.00	1.89	2.886	IO				1.40
15.333	0.00	1.89	2.873	IO				1.39
15.417	0.00	1.89	2.860	IO				1.39
15.500	0.00	1.88	2.847	IO				1.38
15.583	0.00	1.88	2.834	IO				1.38
15.667	0.00	1.88	2.821	IO				1.37
15.750	0.00	1.88	2.808	IO				1.37
15.833	0.00	1.88	2.795	IO				1.36
15.917	0.00	1.88	2.783	IO				1.35
16.000	0.00	1.88	2.770	IO				1.35
16.083	0.00	1.88	2.757	IO				1.34
16.167	0.00	1.87	2.744	IO				1.34
16.250	0.00	1.87	2.731	IO				1.33
16.333	0.00	1.87	2.718	IO				1.33
16.417	0.00	1.87	2.705	O				1.32
16.500	0.00	1.87	2.692	O				1.32
16.583	0.00	1.87	2.679	O				1.31
16.667	0.00	1.87	2.666	O				1.30
16.750	0.00	1.87	2.654	O				1.30
16.833	0.00	1.86	2.641	O				1.29
16.917	0.00	1.86	2.628	O				1.29
17.000	0.00	1.86	2.615	O				1.28
17.083	0.00	1.86	2.602	O				1.28
17.167	0.00	1.86	2.589	O				1.27
17.250	0.00	1.86	2.577	O				1.27
17.333	0.00	1.86	2.564	O				1.26
17.417	0.00	1.86	2.551	O				1.26
17.500	0.00	1.86	2.538	O				1.25
17.583	0.00	1.85	2.526	O				1.25
17.667	0.00	1.85	2.513	O				1.24
17.750	0.00	1.85	2.500	O				1.23
17.833	0.00	1.85	2.487	O				1.23
17.917	0.00	1.85	2.475	O				1.22
18.000	0.00	1.85	2.462	O				1.22
18.083	0.00	1.85	2.449	O				1.21
18.167	0.00	1.85	2.436	O				1.21
18.250	0.00	1.84	2.424	O				1.20
18.333	0.00	1.84	2.411	O				1.20
18.417	0.00	1.84	2.398	O				1.19
18.500	0.00	1.84	2.386	O				1.19
18.583	0.00	1.84	2.373	O				1.18
18.667	0.00	1.84	2.360	O				1.17
18.750	0.00	1.84	2.348	O				1.17
18.833	0.00	1.84	2.335	O				1.16
18.917	0.00	1.83	2.322	O				1.16
19.000	0.00	1.83	2.310	O				1.15
19.083	0.00	1.83	2.297	O				1.15
19.167	0.00	1.83	2.284	O				1.14
19.250	0.00	1.83	2.272	O				1.14
19.333	0.00	1.83	2.259	O				1.13
19.417	0.00	1.83	2.247	O				1.13
19.500	0.00	1.83	2.234	O				1.12
19.583	0.00	1.83	2.221	O				1.12
19.667	0.00	1.82	2.209	O				1.11
19.750	0.00	1.82	2.196	O				1.11
19.833	0.00	1.82	2.184	O				1.10
19.917	0.00	1.82	2.171	O				1.09
20.000	0.00	1.82	2.159	O				1.09
20.083	0.00	1.82	2.146	O				1.08

20.167	0.00	1.82	2.134	O				1.08
20.250	0.00	1.82	2.121	O				1.07
20.333	0.00	1.82	2.109	O				1.07
20.417	0.00	1.81	2.096	O				1.06
20.500	0.00	1.81	2.084	O				1.06
20.583	0.00	1.81	2.071	O				1.05
20.667	0.00	1.81	2.059	O				1.05
20.750	0.00	1.81	2.046	O				1.04
20.833	0.00	1.81	2.034	O				1.04
20.917	0.00	1.81	2.021	O				1.03
21.000	0.00	1.81	2.009	O				1.03
21.083	0.00	1.80	1.996	O				1.02
21.167	0.00	1.80	1.984	O				1.02
21.250	0.00	1.80	1.972	O				1.01
21.333	0.00	1.80	1.959	O				1.00
21.417	0.00	1.80	1.947	O				1.00
21.500	0.00	1.79	1.934	O				0.99
21.583	0.00	1.78	1.922	O				0.99
21.667	0.00	1.76	1.910	O				0.98
21.750	0.00	1.75	1.898	O				0.97
21.833	0.00	1.74	1.886	O				0.97
21.917	0.00	1.73	1.874	O				0.96
22.000	0.00	1.72	1.862	O				0.96
22.083	0.00	1.71	1.850	O				0.95
22.167	0.00	1.70	1.838	O				0.94
22.250	0.00	1.69	1.827	O				0.94
22.333	0.00	1.68	1.815	O				0.93
22.417	0.00	1.67	1.804	O				0.93
22.500	0.00	1.66	1.792	O				0.92
22.583	0.00	1.65	1.781	O				0.91
22.667	0.00	1.64	1.770	O				0.91
22.750	0.00	1.62	1.758	O				0.90
22.833	0.00	1.61	1.747	O				0.90
22.917	0.00	1.60	1.736	O				0.89
23.000	0.00	1.59	1.725	O				0.89
23.083	0.00	1.58	1.714	O				0.88
23.167	0.00	1.57	1.703	O				0.87
23.250	0.00	1.56	1.692	O				0.87
23.333	0.00	1.55	1.682	O				0.86
23.417	0.00	1.54	1.671	O				0.86
23.500	0.00	1.53	1.660	O				0.85
23.583	0.00	1.52	1.650	O				0.85
23.667	0.00	1.51	1.639	O				0.84
23.750	0.00	1.51	1.629	O				0.84
23.833	0.00	1.50	1.619	O				0.83
23.917	0.00	1.49	1.608	O				0.83
24.000	0.00	1.48	1.598	O				0.82
24.083	0.00	1.47	1.588	O				0.82
24.167	0.00	1.46	1.578	O				0.81
24.250	0.00	1.45	1.568	O				0.80
24.333	0.00	1.44	1.558	O				0.80
24.417	0.00	1.43	1.548	O				0.79
24.500	0.00	1.42	1.538	O				0.79
24.583	0.00	1.41	1.529	O				0.78
24.667	0.00	1.40	1.519	O				0.78
24.750	0.00	1.39	1.509	O				0.77
24.833	0.00	1.39	1.500	O				0.77
24.917	0.00	1.38	1.490	O				0.76
25.000	0.00	1.37	1.481	O				0.76
25.083	0.00	1.36	1.471	O				0.76
25.167	0.00	1.35	1.462	O				0.75
25.250	0.00	1.34	1.453	O				0.75
25.333	0.00	1.33	1.444	O				0.74

25.417	0.00	1.33	1.434	O				0.74
25.500	0.00	1.32	1.425	O				0.73
25.583	0.00	1.31	1.416	O				0.73
25.667	0.00	1.30	1.407	O				0.72
25.750	0.00	1.29	1.398	O				0.72
25.833	0.00	1.28	1.389	O				0.71
25.917	0.00	1.28	1.381	O				0.71
26.000	0.00	1.27	1.372	O				0.70
26.083	0.00	1.26	1.363	O				0.70
26.167	0.00	1.25	1.355	O				0.70
26.250	0.00	1.24	1.346	O				0.69
26.333	0.00	1.24	1.337	O				0.69
26.417	0.00	1.23	1.329	O				0.68
26.500	0.00	1.22	1.320	O				0.68
26.583	0.00	1.21	1.312	O				0.67
26.667	0.00	1.20	1.304	O				0.67
26.750	0.00	1.20	1.296	O				0.67
26.833	0.00	1.19	1.287	O				0.66
26.917	0.00	1.18	1.279	O				0.66
27.000	0.00	1.17	1.271	O				0.65
27.083	0.00	1.17	1.263	O				0.65
27.167	0.00	1.16	1.255	O				0.64
27.250	0.00	1.15	1.247	O				0.64
27.333	0.00	1.14	1.239	O				0.64
27.417	0.00	1.14	1.231	O				0.63
27.500	0.00	1.13	1.223	O				0.63
27.583	0.00	1.12	1.216	O				0.62
27.667	0.00	1.12	1.208	O				0.62
27.750	0.00	1.11	1.200	O				0.62
27.833	0.00	1.10	1.193	O				0.61
27.917	0.00	1.10	1.185	O				0.61
28.000	0.00	1.09	1.178	O				0.60
28.083	0.00	1.08	1.170	O				0.60
28.167	0.00	1.07	1.163	O				0.60
28.250	0.00	1.07	1.155	O				0.59
28.333	0.00	1.06	1.148	O				0.59
28.417	0.00	1.05	1.141	O				0.59
28.500	0.00	1.05	1.133	O				0.58
28.583	0.00	1.04	1.126	O				0.58
28.667	0.00	1.03	1.119	O				0.57
28.750	0.00	1.03	1.112	O				0.57
28.833	0.00	1.02	1.105	O				0.57
28.917	0.00	1.01	1.098	O				0.56
29.000	0.00	1.01	1.091	O				0.56
29.083	0.00	1.00	1.084	O				0.56
29.167	0.00	1.00	1.077	O				0.55
29.250	0.00	0.99	1.070	O				0.55
29.333	0.00	0.98	1.064	O				0.55
29.417	0.00	0.98	1.057	O				0.54
29.500	0.00	0.97	1.050	O				0.54
29.583	0.00	0.96	1.043	O				0.54
29.667	0.00	0.96	1.037	O				0.53
29.750	0.00	0.95	1.030	O				0.53
29.833	0.00	0.95	1.024	O				0.53
29.917	0.00	0.94	1.017	O				0.52
30.000	0.00	0.93	1.011	O				0.52
30.083	0.00	0.93	1.004	O				0.52
30.167	0.00	0.92	0.998	O				0.51
30.250	0.00	0.92	0.992	O				0.51
30.333	0.00	0.91	0.985	O				0.51
30.417	0.00	0.90	0.979	O				0.50
30.500	0.00	0.90	0.973	O				0.50
30.583	0.00	0.89	0.967	O				0.50

30.667	0.00	0.89	0.961	O				0.49
30.750	0.00	0.88	0.955	O				0.49
30.833	0.00	0.88	0.948	O				0.49
30.917	0.00	0.87	0.942	O				0.48
31.000	0.00	0.87	0.936	O				0.48
31.083	0.00	0.86	0.931	O				0.48
31.167	0.00	0.85	0.925	O				0.47
31.250	0.00	0.85	0.919	O				0.47
31.333	0.00	0.84	0.913	O				0.47
31.417	0.00	0.84	0.907	O				0.47
31.500	0.00	0.83	0.901	O				0.46
31.583	0.00	0.83	0.896	O				0.46
31.667	0.00	0.82	0.890	O				0.46
31.750	0.00	0.82	0.884	O				0.45
31.833	0.00	0.81	0.879	O				0.45
31.917	0.00	0.81	0.873	O				0.45
32.000	0.00	0.80	0.868	O				0.45
32.083	0.00	0.80	0.862	O				0.44
32.167	0.00	0.79	0.857	O				0.44
32.250	0.00	0.79	0.851	O				0.44
32.333	0.00	0.78	0.846	O				0.43
32.417	0.00	0.78	0.840	O				0.43
32.500	0.00	0.77	0.835	O				0.43
32.583	0.00	0.77	0.830	O				0.43
32.667	0.00	0.76	0.825	O				0.42
32.750	0.00	0.76	0.819	O				0.42
32.833	0.00	0.75	0.814	O				0.42
32.917	0.00	0.75	0.809	O				0.42
33.000	0.00	0.74	0.804	O				0.41
33.083	0.00	0.74	0.799	O				0.41
33.167	0.00	0.73	0.794	O				0.41
33.250	0.00	0.73	0.789	O				0.40
33.333	0.00	0.72	0.784	O				0.40
33.417	0.00	0.72	0.779	O				0.40
33.500	0.00	0.71	0.774	O				0.40
33.583	0.00	0.71	0.769	O				0.39
33.667	0.00	0.71	0.764	O				0.39
33.750	0.00	0.70	0.759	O				0.39
33.833	0.00	0.70	0.754	O				0.39
33.917	0.00	0.69	0.749	O				0.38
34.000	0.00	0.69	0.745	O				0.38
34.083	0.00	0.68	0.740	O				0.38
34.167	0.00	0.68	0.735	O				0.38
34.250	0.00	0.68	0.731	O				0.38
34.333	0.00	0.67	0.726	O				0.37
34.417	0.00	0.67	0.721	O				0.37
34.500	0.00	0.66	0.717	O				0.37
34.583	0.00	0.66	0.712	O				0.37
34.667	0.00	0.65	0.708	O				0.36
34.750	0.00	0.65	0.703	O				0.36
34.833	0.00	0.65	0.699	O				0.36
34.917	0.00	0.64	0.694	O				0.36
35.000	0.00	0.64	0.690	O				0.35
35.083	0.00	0.63	0.686	O				0.35
35.167	0.00	0.63	0.681	O				0.35
35.250	0.00	0.63	0.677	O				0.35
35.333	0.00	0.62	0.673	O				0.35
35.417	0.00	0.62	0.668	O				0.34
35.500	0.00	0.61	0.664	O				0.34
35.583	0.00	0.61	0.660	O				0.34
35.667	0.00	0.61	0.656	O				0.34
35.750	0.00	0.60	0.652	O				0.33
35.833	0.00	0.60	0.647	O				0.33

35.917	0.00	0.59	0.643	O				0.33
36.000	0.00	0.59	0.639	O				0.33
36.083	0.00	0.59	0.635	O				0.33
36.167	0.00	0.58	0.631	O				0.32
36.250	0.00	0.58	0.627	O				0.32
36.333	0.00	0.58	0.623	O				0.32
36.417	0.00	0.57	0.619	O				0.32
36.500	0.00	0.57	0.615	O				0.32
36.583	0.00	0.56	0.611	O				0.31
36.667	0.00	0.56	0.608	O				0.31
36.750	0.00	0.56	0.604	O				0.31
36.833	0.00	0.55	0.600	O				0.31
36.917	0.00	0.55	0.596	O				0.31
37.000	0.00	0.55	0.592	O				0.30
37.083	0.00	0.54	0.588	O				0.30
37.167	0.00	0.54	0.585	O				0.30
37.250	0.00	0.54	0.581	O				0.30
37.333	0.00	0.53	0.577	O				0.30
37.417	0.00	0.53	0.574	O				0.29
37.500	0.00	0.53	0.570	O				0.29
37.583	0.00	0.52	0.566	O				0.29
37.667	0.00	0.52	0.563	O				0.29
37.750	0.00	0.52	0.559	O				0.29
37.833	0.00	0.51	0.556	O				0.29
37.917	0.00	0.51	0.552	O				0.28
38.000	0.00	0.51	0.549	O				0.28
38.083	0.00	0.50	0.545	O				0.28
38.167	0.00	0.50	0.542	O				0.28
38.250	0.00	0.50	0.538	O				0.28
38.333	0.00	0.49	0.535	O				0.27
38.417	0.00	0.49	0.532	O				0.27
38.500	0.00	0.49	0.528	O				0.27
38.583	0.00	0.48	0.525	O				0.27
38.667	0.00	0.48	0.521	O				0.27
38.750	0.00	0.48	0.518	O				0.27
38.833	0.00	0.48	0.515	O				0.26
38.917	0.00	0.47	0.512	O				0.26
39.000	0.00	0.47	0.508	O				0.26
39.083	0.00	0.47	0.505	O				0.26
39.167	0.00	0.46	0.502	O				0.26
39.250	0.00	0.46	0.499	O				0.26
39.333	0.00	0.46	0.496	O				0.25
39.417	0.00	0.46	0.492	O				0.25
39.500	0.00	0.45	0.489	O				0.25
39.583	0.00	0.45	0.486	O				0.25
39.667	0.00	0.45	0.483	O				0.25
39.750	0.00	0.44	0.480	O				0.25
39.833	0.00	0.44	0.477	O				0.24
39.917	0.00	0.44	0.474	O				0.24
40.000	0.00	0.44	0.471	O				0.24
40.083	0.00	0.43	0.468	O				0.24
40.167	0.00	0.43	0.465	O				0.24
40.250	0.00	0.43	0.462	O				0.24
40.333	0.00	0.42	0.459	O				0.24
40.417	0.00	0.42	0.456	O				0.23
40.500	0.00	0.42	0.453	O				0.23
40.583	0.00	0.42	0.450	O				0.23
40.667	0.00	0.41	0.448	O				0.23
40.750	0.00	0.41	0.445	O				0.23
40.833	0.00	0.41	0.442	O				0.23
40.917	0.00	0.41	0.439	O				0.23
41.000	0.00	0.40	0.436	O				0.22
41.083	0.00	0.40	0.434	O				0.22

41.167	0.00	0.40	0.431	O				0.22
41.250	0.00	0.40	0.428	O				0.22
41.333	0.00	0.39	0.425	O				0.22
41.417	0.00	0.39	0.423	O				0.22
41.500	0.00	0.39	0.420	O				0.22
41.583	0.00	0.39	0.417	O				0.21
41.667	0.00	0.38	0.415	O				0.21
41.750	0.00	0.38	0.412	O				0.21
41.833	0.00	0.38	0.409	O				0.21
41.917	0.00	0.38	0.407	O				0.21
42.000	0.00	0.37	0.404	O				0.21
42.083	0.00	0.37	0.402	O				0.21
42.167	0.00	0.37	0.399	O				0.20
42.250	0.00	0.37	0.397	O				0.20
42.333	0.00	0.36	0.394	O				0.20
42.417	0.00	0.36	0.392	O				0.20
42.500	0.00	0.36	0.389	O				0.20
42.583	0.00	0.36	0.387	O				0.20
42.667	0.00	0.36	0.384	O				0.20
42.750	0.00	0.35	0.382	O				0.20
42.833	0.00	0.35	0.379	O				0.19
42.917	0.00	0.35	0.377	O				0.19
43.000	0.00	0.35	0.375	O				0.19
43.083	0.00	0.34	0.372	O				0.19
43.167	0.00	0.34	0.370	O				0.19
43.250	0.00	0.34	0.367	O				0.19
43.333	0.00	0.34	0.365	O				0.19
43.417	0.00	0.34	0.363	O				0.19
43.500	0.00	0.33	0.361	O				0.19
43.583	0.00	0.33	0.358	O				0.18
43.667	0.00	0.33	0.356	O				0.18
43.750	0.00	0.33	0.354	O				0.18
43.833	0.00	0.32	0.351	O				0.18
43.917	0.00	0.32	0.349	O				0.18
44.000	0.00	0.32	0.347	O				0.18
44.083	0.00	0.32	0.345	O				0.18
44.167	0.00	0.32	0.343	O				0.18
44.250	0.00	0.31	0.340	O				0.17
44.333	0.00	0.31	0.338	O				0.17
44.417	0.00	0.31	0.336	O				0.17
44.500	0.00	0.31	0.334	O				0.17
44.583	0.00	0.31	0.332	O				0.17
44.667	0.00	0.30	0.330	O				0.17
44.750	0.00	0.30	0.328	O				0.17
44.833	0.00	0.30	0.326	O				0.17
44.917	0.00	0.30	0.324	O				0.17
45.000	0.00	0.30	0.321	O				0.17
45.083	0.00	0.30	0.319	O				0.16
45.167	0.00	0.29	0.317	O				0.16
45.250	0.00	0.29	0.315	O				0.16
45.333	0.00	0.29	0.313	O				0.16
45.417	0.00	0.29	0.311	O				0.16
45.500	0.00	0.29	0.309	O				0.16
45.583	0.00	0.28	0.307	O				0.16
45.667	0.00	0.28	0.306	O				0.16
45.750	0.00	0.28	0.304	O				0.16
45.833	0.00	0.28	0.302	O				0.15
45.917	0.00	0.28	0.300	O				0.15
46.000	0.00	0.28	0.298	O				0.15
46.083	0.00	0.27	0.296	O				0.15
46.167	0.00	0.27	0.294	O				0.15
46.250	0.00	0.27	0.292	O				0.15
46.333	0.00	0.27	0.290	O				0.15

46.417	0.00	0.27	0.289	O				0.15
46.500	0.00	0.26	0.287	O				0.15
46.583	0.00	0.26	0.285	O				0.15
46.667	0.00	0.26	0.283	O				0.15
46.750	0.00	0.26	0.281	O				0.14
46.833	0.00	0.26	0.279	O				0.14
46.917	0.00	0.26	0.278	O				0.14
47.000	0.00	0.25	0.276	O				0.14
47.083	0.00	0.25	0.274	O				0.14
47.167	0.00	0.25	0.272	O				0.14
47.250	0.00	0.25	0.271	O				0.14
47.333	0.00	0.25	0.269	O				0.14
47.417	0.00	0.25	0.267	O				0.14
47.500	0.00	0.25	0.266	O				0.14
47.583	0.00	0.24	0.264	O				0.14
47.667	0.00	0.24	0.262	O				0.13
47.750	0.00	0.24	0.261	O				0.13
47.833	0.00	0.24	0.259	O				0.13
47.917	0.00	0.24	0.257	O				0.13
48.000	0.00	0.24	0.256	O				0.13
48.083	0.00	0.23	0.254	O				0.13
48.167	0.00	0.23	0.252	O				0.13
48.250	0.00	0.23	0.251	O				0.13
48.333	0.00	0.23	0.249	O				0.13
48.417	0.00	0.23	0.248	O				0.13
48.500	0.00	0.23	0.246	O				0.13
48.583	0.00	0.23	0.245	O				0.13
48.667	0.00	0.22	0.243	O				0.12
48.750	0.00	0.22	0.241	O				0.12
48.833	0.00	0.22	0.240	O				0.12
48.917	0.00	0.22	0.238	O				0.12
49.000	0.00	0.22	0.237	O				0.12
49.083	0.00	0.22	0.235	O				0.12
49.167	0.00	0.22	0.234	O				0.12
49.250	0.00	0.21	0.232	O				0.12
49.333	0.00	0.21	0.231	O				0.12
49.417	0.00	0.21	0.229	O				0.12
49.500	0.00	0.21	0.228	O				0.12
49.583	0.00	0.21	0.227	O				0.12
49.667	0.00	0.21	0.225	O				0.12
49.750	0.00	0.21	0.224	O				0.11
49.833	0.00	0.21	0.222	O				0.11
49.917	0.00	0.20	0.221	O				0.11
50.000	0.00	0.20	0.219	O				0.11
50.083	0.00	0.20	0.218	O				0.11
50.167	0.00	0.20	0.217	O				0.11
50.250	0.00	0.20	0.215	O				0.11
50.333	0.00	0.20	0.214	O				0.11
50.417	0.00	0.20	0.213	O				0.11
50.500	0.00	0.20	0.211	O				0.11
50.583	0.00	0.19	0.210	O				0.11
50.667	0.00	0.19	0.209	O				0.11
50.750	0.00	0.19	0.207	O				0.11
50.833	0.00	0.19	0.206	O				0.11
50.917	0.00	0.19	0.205	O				0.11
51.000	0.00	0.19	0.203	O				0.10
51.083	0.00	0.19	0.202	O				0.10
51.167	0.00	0.19	0.201	O				0.10
51.250	0.00	0.18	0.199	O				0.10
51.333	0.00	0.18	0.198	O				0.10
51.417	0.00	0.18	0.197	O				0.10
51.500	0.00	0.18	0.196	O				0.10
51.583	0.00	0.18	0.194	O				0.10

51.667	0.00	0.18	0.193	O				0.10
51.750	0.00	0.18	0.192	O				0.10
51.833	0.00	0.18	0.191	O				0.10
51.917	0.00	0.18	0.190	O				0.10
52.000	0.00	0.17	0.188	O				0.10
52.083	0.00	0.17	0.187	O				0.10
52.167	0.00	0.17	0.186	O				0.10
52.250	0.00	0.17	0.185	O				0.09
52.333	0.00	0.17	0.184	O				0.09
52.417	0.00	0.17	0.182	O				0.09
52.500	0.00	0.17	0.181	O				0.09
52.583	0.00	0.17	0.180	O				0.09
52.667	0.00	0.17	0.179	O				0.09
52.750	0.00	0.16	0.178	O				0.09
52.833	0.00	0.16	0.177	O				0.09
52.917	0.00	0.16	0.176	O				0.09
53.000	0.00	0.16	0.175	O				0.09
53.083	0.00	0.16	0.173	O				0.09
53.167	0.00	0.16	0.172	O				0.09
53.250	0.00	0.16	0.171	O				0.09
53.333	0.00	0.16	0.170	O				0.09
53.417	0.00	0.16	0.169	O				0.09
53.500	0.00	0.16	0.168	O				0.09
53.583	0.00	0.15	0.167	O				0.09
53.667	0.00	0.15	0.166	O				0.09
53.750	0.00	0.15	0.165	O				0.08
53.833	0.00	0.15	0.164	O				0.08
53.917	0.00	0.15	0.163	O				0.08
54.000	0.00	0.15	0.162	O				0.08
54.083	0.00	0.15	0.161	O				0.08
54.167	0.00	0.15	0.160	O				0.08
54.250	0.00	0.15	0.159	O				0.08
54.333	0.00	0.15	0.158	O				0.08
54.417	0.00	0.14	0.157	O				0.08
54.500	0.00	0.14	0.156	O				0.08
54.583	0.00	0.14	0.155	O				0.08
54.667	0.00	0.14	0.154	O				0.08
54.750	0.00	0.14	0.153	O				0.08
54.833	0.00	0.14	0.152	O				0.08
54.917	0.00	0.14	0.151	O				0.08
55.000	0.00	0.14	0.150	O				0.08
55.083	0.00	0.14	0.149	O				0.08
55.167	0.00	0.14	0.148	O				0.08
55.250	0.00	0.14	0.147	O				0.08
55.333	0.00	0.13	0.146	O				0.07
55.417	0.00	0.13	0.145	O				0.07
55.500	0.00	0.13	0.144	O				0.07
55.583	0.00	0.13	0.143	O				0.07
55.667	0.00	0.13	0.142	O				0.07
55.750	0.00	0.13	0.141	O				0.07
55.833	0.00	0.13	0.141	O				0.07
55.917	0.00	0.13	0.140	O				0.07
56.000	0.00	0.13	0.139	O				0.07
56.083	0.00	0.13	0.138	O				0.07
56.167	0.00	0.13	0.137	O				0.07
56.250	0.00	0.13	0.136	O				0.07
56.333	0.00	0.13	0.135	O				0.07
56.417	0.00	0.12	0.134	O				0.07
56.500	0.00	0.12	0.134	O				0.07
56.583	0.00	0.12	0.133	O				0.07
56.667	0.00	0.12	0.132	O				0.07
56.750	0.00	0.12	0.131	O				0.07
56.833	0.00	0.12	0.130	O				0.07

56.917	0.00	0.12	0.129	O				0.07
57.000	0.00	0.12	0.129	O				0.07
57.083	0.00	0.12	0.128	O				0.07
57.167	0.00	0.12	0.127	O				0.07
57.250	0.00	0.12	0.126	O				0.06
57.333	0.00	0.12	0.125	O				0.06
57.417	0.00	0.12	0.125	O				0.06
57.500	0.00	0.11	0.124	O				0.06
57.583	0.00	0.11	0.123	O				0.06
57.667	0.00	0.11	0.122	O				0.06
57.750	0.00	0.11	0.121	O				0.06
57.833	0.00	0.11	0.121	O				0.06
57.917	0.00	0.11	0.120	O				0.06
58.000	0.00	0.11	0.119	O				0.06
58.083	0.00	0.11	0.118	O				0.06
58.167	0.00	0.11	0.118	O				0.06
58.250	0.00	0.11	0.117	O				0.06
58.333	0.00	0.11	0.116	O				0.06
58.417	0.00	0.11	0.115	O				0.06
58.500	0.00	0.11	0.115	O				0.06
58.583	0.00	0.11	0.114	O				0.06
58.667	0.00	0.10	0.113	O				0.06
58.750	0.00	0.10	0.113	O				0.06
58.833	0.00	0.10	0.112	O				0.06
58.917	0.00	0.10	0.111	O				0.06
59.000	0.00	0.10	0.110	O				0.06
59.083	0.00	0.10	0.110	O				0.06
59.167	0.00	0.10	0.109	O				0.06
59.250	0.00	0.10	0.108	O				0.06
59.333	0.00	0.10	0.108	O				0.06
59.417	0.00	0.10	0.107	O				0.05
59.500	0.00	0.10	0.106	O				0.05
59.583	0.00	0.10	0.106	O				0.05
59.667	0.00	0.10	0.105	O				0.05
59.750	0.00	0.10	0.104	O				0.05
59.833	0.00	0.10	0.104	O				0.05
59.917	0.00	0.10	0.103	O				0.05
60.000	0.00	0.09	0.102	O				0.05
60.083	0.00	0.09	0.102	O				0.05
60.167	0.00	0.09	0.101	O				0.05
60.250	0.00	0.09	0.100	O				0.05
60.333	0.00	0.09	0.100	O				0.05
60.417	0.00	0.09	0.099	O				0.05
60.500	0.00	0.09	0.098	O				0.05
60.583	0.00	0.09	0.098	O				0.05
60.667	0.00	0.09	0.097	O				0.05
60.750	0.00	0.09	0.097	O				0.05
60.833	0.00	0.09	0.096	O				0.05
60.917	0.00	0.09	0.095	O				0.05
61.000	0.00	0.09	0.095	O				0.05
61.083	0.00	0.09	0.094	O				0.05
61.167	0.00	0.09	0.094	O				0.05
61.250	0.00	0.09	0.093	O				0.05
61.333	0.00	0.09	0.092	O				0.05
61.417	0.00	0.08	0.092	O				0.05
61.500	0.00	0.08	0.091	O				0.05
61.583	0.00	0.08	0.091	O				0.05
61.667	0.00	0.08	0.090	O				0.05
61.750	0.00	0.08	0.089	O				0.05
61.833	0.00	0.08	0.089	O				0.05
61.917	0.00	0.08	0.088	O				0.05
62.000	0.00	0.08	0.088	O				0.05
62.083	0.00	0.08	0.087	O				0.04

62.167	0.00	0.08	0.087	O				0.04
62.250	0.00	0.08	0.086	O				0.04
62.333	0.00	0.08	0.086	O				0.04
62.417	0.00	0.08	0.085	O				0.04
62.500	0.00	0.08	0.084	O				0.04
62.583	0.00	0.08	0.084	O				0.04
62.667	0.00	0.08	0.083	O				0.04
62.750	0.00	0.08	0.083	O				0.04
62.833	0.00	0.08	0.082	O				0.04
62.917	0.00	0.08	0.082	O				0.04
63.000	0.00	0.08	0.081	O				0.04
63.083	0.00	0.07	0.081	O				0.04
63.167	0.00	0.07	0.080	O				0.04
63.250	0.00	0.07	0.080	O				0.04
63.333	0.00	0.07	0.079	O				0.04
63.417	0.00	0.07	0.079	O				0.04
63.500	0.00	0.07	0.078	O				0.04
63.583	0.00	0.07	0.078	O				0.04
63.667	0.00	0.07	0.077	O				0.04
63.750	0.00	0.07	0.077	O				0.04
63.833	0.00	0.07	0.076	O				0.04
63.917	0.00	0.07	0.076	O				0.04
64.000	0.00	0.07	0.075	O				0.04
64.083	0.00	0.07	0.075	O				0.04
64.167	0.00	0.07	0.074	O				0.04
64.250	0.00	0.07	0.074	O				0.04
64.333	0.00	0.07	0.073	O				0.04
64.417	0.00	0.07	0.073	O				0.04
64.500	0.00	0.07	0.073	O				0.04
64.583	0.00	0.07	0.072	O				0.04
64.667	0.00	0.07	0.072	O				0.04
64.750	0.00	0.07	0.071	O				0.04
64.833	0.00	0.07	0.071	O				0.04
64.917	0.00	0.06	0.070	O				0.04
65.000	0.00	0.06	0.070	O				0.04
65.083	0.00	0.06	0.069	O				0.04
65.167	0.00	0.06	0.069	O				0.04
65.250	0.00	0.06	0.068	O				0.04
65.333	0.00	0.06	0.068	O				0.03
65.417	0.00	0.06	0.068	O				0.03
65.500	0.00	0.06	0.067	O				0.03
65.583	0.00	0.06	0.067	O				0.03
65.667	0.00	0.06	0.066	O				0.03
65.750	0.00	0.06	0.066	O				0.03
65.833	0.00	0.06	0.065	O				0.03
65.917	0.00	0.06	0.065	O				0.03
66.000	0.00	0.06	0.065	O				0.03
66.083	0.00	0.06	0.064	O				0.03
66.167	0.00	0.06	0.064	O				0.03
66.250	0.00	0.06	0.063	O				0.03
66.333	0.00	0.06	0.063	O				0.03
66.417	0.00	0.06	0.063	O				0.03
66.500	0.00	0.06	0.062	O				0.03
66.583	0.00	0.06	0.062	O				0.03
66.667	0.00	0.06	0.061	O				0.03
66.750	0.00	0.06	0.061	O				0.03
66.833	0.00	0.06	0.061	O				0.03
66.917	0.00	0.06	0.060	O				0.03
67.000	0.00	0.06	0.060	O				0.03
67.083	0.00	0.06	0.060	O				0.03
67.167	0.00	0.05	0.059	O				0.03
67.250	0.00	0.05	0.059	O				0.03
67.333	0.00	0.05	0.058	O				0.03

67.417	0.00	0.05	0.058	O				0.03
67.500	0.00	0.05	0.058	O				0.03
67.583	0.00	0.05	0.057	O				0.03
67.667	0.00	0.05	0.057	O				0.03
67.750	0.00	0.05	0.057	O				0.03
67.833	0.00	0.05	0.056	O				0.03
67.917	0.00	0.05	0.056	O				0.03
68.000	0.00	0.05	0.056	O				0.03
68.083	0.00	0.05	0.055	O				0.03
68.167	0.00	0.05	0.055	O				0.03
68.250	0.00	0.05	0.054	O				0.03
68.333	0.00	0.05	0.054	O				0.03
68.417	0.00	0.05	0.054	O				0.03
68.500	0.00	0.05	0.053	O				0.03
68.583	0.00	0.05	0.053	O				0.03
68.667	0.00	0.05	0.053	O				0.03
68.750	0.00	0.05	0.052	O				0.03
68.833	0.00	0.05	0.052	O				0.03
68.917	0.00	0.05	0.052	O				0.03
69.000	0.00	0.05	0.051	O				0.03
69.083	0.00	0.05	0.051	O				0.03
69.167	0.00	0.05	0.051	O				0.03
69.250	0.00	0.05	0.050	O				0.03
69.333	0.00	0.05	0.050	O				0.03
69.417	0.00	0.05	0.050	O				0.03
69.500	0.00	0.05	0.050	O				0.03
69.583	0.00	0.05	0.049	O				0.03
69.667	0.00	0.05	0.049	O				0.03
69.750	0.00	0.04	0.049	O				0.02
69.833	0.00	0.04	0.048	O				0.02
69.917	0.00	0.04	0.048	O				0.02
70.000	0.00	0.04	0.048	O				0.02
70.083	0.00	0.04	0.047	O				0.02
70.167	0.00	0.04	0.047	O				0.02
70.250	0.00	0.04	0.047	O				0.02
70.333	0.00	0.04	0.046	O				0.02
70.417	0.00	0.04	0.046	O				0.02
70.500	0.00	0.04	0.046	O				0.02
70.583	0.00	0.04	0.046	O				0.02
70.667	0.00	0.04	0.045	O				0.02
70.750	0.00	0.04	0.045	O				0.02
70.833	0.00	0.04	0.045	O				0.02
70.917	0.00	0.04	0.044	O				0.02
71.000	0.00	0.04	0.044	O				0.02
71.083	0.00	0.04	0.044	O				0.02
71.167	0.00	0.04	0.044	O				0.02
71.250	0.00	0.04	0.043	O				0.02
71.333	0.00	0.04	0.043	O				0.02
71.417	0.00	0.04	0.043	O				0.02
71.500	0.00	0.04	0.042	O				0.02
71.583	0.00	0.04	0.042	O				0.02
71.667	0.00	0.04	0.042	O				0.02
71.750	0.00	0.04	0.042	O				0.02
71.833	0.00	0.04	0.041	O				0.02
71.917	0.00	0.04	0.041	O				0.02
72.000	0.00	0.04	0.041	O				0.02
72.083	0.00	0.04	0.041	O				0.02
72.167	0.00	0.04	0.040	O				0.02
72.250	0.00	0.04	0.040	O				0.02
72.333	0.00	0.04	0.040	O				0.02
72.417	0.00	0.04	0.040	O				0.02
72.500	0.00	0.04	0.039	O				0.02
72.583	0.00	0.04	0.039	O				0.02

72.667	0.00	0.04	0.039	O				0.02
72.750	0.00	0.04	0.039	O				0.02
72.833	0.00	0.04	0.038	O				0.02
72.917	0.00	0.04	0.038	O				0.02
73.000	0.00	0.04	0.038	O				0.02
73.083	0.00	0.03	0.038	O				0.02
73.167	0.00	0.03	0.037	O				0.02
73.250	0.00	0.03	0.037	O				0.02
73.333	0.00	0.03	0.037	O				0.02
73.417	0.00	0.03	0.037	O				0.02
73.500	0.00	0.03	0.036	O				0.02
73.583	0.00	0.03	0.036	O				0.02
73.667	0.00	0.03	0.036	O				0.02
73.750	0.00	0.03	0.036	O				0.02
73.833	0.00	0.03	0.036	O				0.02
73.917	0.00	0.03	0.035	O				0.02
74.000	0.00	0.03	0.035	O				0.02
74.083	0.00	0.03	0.035	O				0.02
74.167	0.00	0.03	0.035	O				0.02
74.250	0.00	0.03	0.034	O				0.02
74.333	0.00	0.03	0.034	O				0.02
74.417	0.00	0.03	0.034	O				0.02
74.500	0.00	0.03	0.034	O				0.02
74.583	0.00	0.03	0.034	O				0.02
74.667	0.00	0.03	0.033	O				0.02
74.750	0.00	0.03	0.033	O				0.02
74.833	0.00	0.03	0.033	O				0.02
74.917	0.00	0.03	0.033	O				0.02
75.000	0.00	0.03	0.033	O				0.02
75.083	0.00	0.03	0.032	O				0.02
75.167	0.00	0.03	0.032	O				0.02
75.250	0.00	0.03	0.032	O				0.02
75.333	0.00	0.03	0.032	O				0.02
75.417	0.00	0.03	0.032	O				0.02
75.500	0.00	0.03	0.031	O				0.02
75.583	0.00	0.03	0.031	O				0.02
75.667	0.00	0.03	0.031	O				0.02
75.750	0.00	0.03	0.031	O				0.02
75.833	0.00	0.03	0.031	O				0.02
75.917	0.00	0.03	0.030	O				0.02
76.000	0.00	0.03	0.030	O				0.02
76.083	0.00	0.03	0.030	O				0.02
76.167	0.00	0.03	0.030	O				0.02
76.250	0.00	0.03	0.030	O				0.02
76.333	0.00	0.03	0.029	O				0.02
76.417	0.00	0.03	0.029	O				0.01
76.500	0.00	0.03	0.029	O				0.01
76.583	0.00	0.03	0.029	O				0.01
76.667	0.00	0.03	0.029	O				0.01
76.750	0.00	0.03	0.028	O				0.01
76.833	0.00	0.03	0.028	O				0.01
76.917	0.00	0.03	0.028	O				0.01
77.000	0.00	0.03	0.028	O				0.01
77.083	0.00	0.03	0.028	O				0.01
77.167	0.00	0.03	0.028	O				0.01
77.250	0.00	0.03	0.027	O				0.01
77.333	0.00	0.03	0.027	O				0.01
77.417	0.00	0.02	0.027	O				0.01
77.500	0.00	0.02	0.027	O				0.01
77.583	0.00	0.02	0.027	O				0.01
77.667	0.00	0.02	0.027	O				0.01
77.750	0.00	0.02	0.026	O				0.01
77.833	0.00	0.02	0.026	O				0.01

77.917	0.00	0.02	0.026	O				0.01
78.000	0.00	0.02	0.026	O				0.01
78.083	0.00	0.02	0.026	O				0.01
78.167	0.00	0.02	0.026	O				0.01
78.250	0.00	0.02	0.025	O				0.01
78.333	0.00	0.02	0.025	O				0.01
78.417	0.00	0.02	0.025	O				0.01
78.500	0.00	0.02	0.025	O				0.01
78.583	0.00	0.02	0.025	O				0.01
78.667	0.00	0.02	0.025	O				0.01
78.750	0.00	0.02	0.024	O				0.01
78.833	0.00	0.02	0.024	O				0.01
78.917	0.00	0.02	0.024	O				0.01
79.000	0.00	0.02	0.024	O				0.01
79.083	0.00	0.02	0.024	O				0.01
79.167	0.00	0.02	0.024	O				0.01
79.250	0.00	0.02	0.024	O				0.01
79.333	0.00	0.02	0.023	O				0.01
79.417	0.00	0.02	0.023	O				0.01
79.500	0.00	0.02	0.023	O				0.01
79.583	0.00	0.02	0.023	O				0.01
79.667	0.00	0.02	0.023	O				0.01
79.750	0.00	0.02	0.023	O				0.01
79.833	0.00	0.02	0.022	O				0.01
79.917	0.00	0.02	0.022	O				0.01
80.000	0.00	0.02	0.022	O				0.01
80.083	0.00	0.02	0.022	O				0.01
80.167	0.00	0.02	0.022	O				0.01
80.250	0.00	0.02	0.022	O				0.01
80.333	0.00	0.02	0.022	O				0.01
80.417	0.00	0.02	0.022	O				0.01
80.500	0.00	0.02	0.021	O				0.01
80.583	0.00	0.02	0.021	O				0.01
80.667	0.00	0.02	0.021	O				0.01
80.750	0.00	0.02	0.021	O				0.01
80.833	0.00	0.02	0.021	O				0.01
80.917	0.00	0.02	0.021	O				0.01
81.000	0.00	0.02	0.021	O				0.01
81.083	0.00	0.02	0.020	O				0.01
81.167	0.00	0.02	0.020	O				0.01
81.250	0.00	0.02	0.020	O				0.01
81.333	0.00	0.02	0.020	O				0.01
81.417	0.00	0.02	0.020	O				0.01
81.500	0.00	0.02	0.020	O				0.01
81.583	0.00	0.02	0.020	O				0.01
81.667	0.00	0.02	0.020	O				0.01
81.750	0.00	0.02	0.019	O				0.01
81.833	0.00	0.02	0.019	O				0.01
81.917	0.00	0.02	0.019	O				0.01
82.000	0.00	0.02	0.019	O				0.01
82.083	0.00	0.02	0.019	O				0.01
82.167	0.00	0.02	0.019	O				0.01
82.250	0.00	0.02	0.019	O				0.01
82.333	0.00	0.02	0.019	O				0.01
82.417	0.00	0.02	0.018	O				0.01
82.500	0.00	0.02	0.018	O				0.01
82.583	0.00	0.02	0.018	O				0.01
82.667	0.00	0.02	0.018	O				0.01
82.750	0.00	0.02	0.018	O				0.01
82.833	0.00	0.02	0.018	O				0.01
82.917	0.00	0.02	0.018	O				0.01
83.000	0.00	0.02	0.018	O				0.01
83.083	0.00	0.02	0.018	O				0.01

83.167	0.00	0.02	0.017	O				0.01
83.250	0.00	0.02	0.017	O				0.01
83.333	0.00	0.02	0.017	O				0.01
83.417	0.00	0.02	0.017	O				0.01
83.500	0.00	0.02	0.017	O				0.01
83.583	0.00	0.02	0.017	O				0.01
83.667	0.00	0.02	0.017	O				0.01
83.750	0.00	0.02	0.017	O				0.01
83.833	0.00	0.02	0.017	O				0.01
83.917	0.00	0.02	0.016	O				0.01
84.000	0.00	0.02	0.016	O				0.01
84.083	0.00	0.02	0.016	O				0.01
84.167	0.00	0.01	0.016	O				0.01
84.250	0.00	0.01	0.016	O				0.01
84.333	0.00	0.01	0.016	O				0.01
84.417	0.00	0.01	0.016	O				0.01
84.500	0.00	0.01	0.016	O				0.01
84.583	0.00	0.01	0.016	O				0.01
84.667	0.00	0.01	0.016	O				0.01
84.750	0.00	0.01	0.015	O				0.01
84.833	0.00	0.01	0.015	O				0.01
84.917	0.00	0.01	0.015	O				0.01
85.000	0.00	0.01	0.015	O				0.01
85.083	0.00	0.01	0.015	O				0.01
85.167	0.00	0.01	0.015	O				0.01
85.250	0.00	0.01	0.015	O				0.01
85.333	0.00	0.01	0.015	O				0.01
85.417	0.00	0.01	0.015	O				0.01
85.500	0.00	0.01	0.015	O				0.01
85.583	0.00	0.01	0.014	O				0.01
85.667	0.00	0.01	0.014	O				0.01
85.750	0.00	0.01	0.014	O				0.01
85.833	0.00	0.01	0.014	O				0.01
85.917	0.00	0.01	0.014	O				0.01
86.000	0.00	0.01	0.014	O				0.01
86.083	0.00	0.01	0.014	O				0.01
86.167	0.00	0.01	0.014	O				0.01
86.250	0.00	0.01	0.014	O				0.01
86.333	0.00	0.01	0.014	O				0.01
86.417	0.00	0.01	0.014	O				0.01
86.500	0.00	0.01	0.014	O				0.01
86.583	0.00	0.01	0.013	O				0.01
86.667	0.00	0.01	0.013	O				0.01
86.750	0.00	0.01	0.013	O				0.01
86.833	0.00	0.01	0.013	O				0.01
86.917	0.00	0.01	0.013	O				0.01
87.000	0.00	0.01	0.013	O				0.01
87.083	0.00	0.01	0.013	O				0.01
87.167	0.00	0.01	0.013	O				0.01
87.250	0.00	0.01	0.013	O				0.01
87.333	0.00	0.01	0.013	O				0.01
87.417	0.00	0.01	0.013	O				0.01
87.500	0.00	0.01	0.013	O				0.01
87.583	0.00	0.01	0.012	O				0.01
87.667	0.00	0.01	0.012	O				0.01
87.750	0.00	0.01	0.012	O				0.01
87.833	0.00	0.01	0.012	O				0.01
87.917	0.00	0.01	0.012	O				0.01
88.000	0.00	0.01	0.012	O				0.01
88.083	0.00	0.01	0.012	O				0.01
88.167	0.00	0.01	0.012	O				0.01
88.250	0.00	0.01	0.012	O				0.01
88.333	0.00	0.01	0.012	O				0.01

88.417	0.00	0.01	0.012	O					0.01
88.500	0.00	0.01	0.012	O					0.01
88.583	0.00	0.01	0.012	O					0.01
88.667	0.00	0.01	0.011	O					0.01
88.750	0.00	0.01	0.011	O					0.01
88.833	0.00	0.01	0.011	O					0.01
88.917	0.00	0.01	0.011	O					0.01
89.000	0.00	0.01	0.011	O					0.01
89.083	0.00	0.01	0.011	O					0.01
89.167	0.00	0.01	0.011	O					0.01
89.250	0.00	0.01	0.011	O					0.01
89.333	0.00	0.01	0.011	O					0.01
89.417	0.00	0.01	0.011	O					0.01
89.500	0.00	0.01	0.011	O					0.01
89.583	0.00	0.01	0.011	O					0.01
89.667	0.00	0.01	0.011	O					0.01
89.750	0.00	0.01	0.011	O					0.01
89.833	0.00	0.01	0.010	O					0.01
89.917	0.00	0.01	0.010	O					0.01
90.000	0.00	0.01	0.010	O					0.01
90.083	0.00	0.01	0.010	O					0.01
90.167	0.00	0.01	0.010	O					0.01
90.250	0.00	0.01	0.010	O					0.01
90.333	0.00	0.01	0.010	O					0.01
90.417	0.00	0.01	0.010	O					0.01
90.500	0.00	0.01	0.010	O					0.01
90.583	0.00	0.01	0.010	O					0.01
90.667	0.00	0.01	0.010	O					0.01
90.750	0.00	0.01	0.010	O					0.01
90.833	0.00	0.01	0.010	O					0.00
90.917	0.00	0.01	0.010	O					0.00
91.000	0.00	0.01	0.010	O					0.00
91.083	0.00	0.01	0.010	O					0.00
91.167	0.00	0.01	0.009	O					0.00
91.250	0.00	0.01	0.009	O					0.00
91.333	0.00	0.01	0.009	O					0.00
91.417	0.00	0.01	0.009	O					0.00
91.500	0.00	0.01	0.009	O					0.00
91.583	0.00	0.01	0.009	O					0.00
91.667	0.00	0.01	0.009	O					0.00
91.750	0.00	0.01	0.009	O					0.00
91.833	0.00	0.01	0.009	O					0.00
91.917	0.00	0.01	0.009	O					0.00
92.000	0.00	0.01	0.009	O					0.00
92.083	0.00	0.01	0.009	O					0.00
92.167	0.00	0.01	0.009	O					0.00
92.250	0.00	0.01	0.009	O					0.00
92.333	0.00	0.01	0.009	O					0.00
92.417	0.00	0.01	0.009	O					0.00
92.500	0.00	0.01	0.009	O					0.00
92.583	0.00	0.01	0.008	O					0.00
92.667	0.00	0.01	0.008	O					0.00
92.750	0.00	0.01	0.008	O					0.00
92.833	0.00	0.01	0.008	O					0.00
92.917	0.00	0.01	0.008	O					0.00
93.000	0.00	0.01	0.008	O					0.00
93.083	0.00	0.01	0.008	O					0.00
93.167	0.00	0.01	0.008	O					0.00
93.250	0.00	0.01	0.008	O					0.00
93.333	0.00	0.01	0.008	O					0.00
93.417	0.00	0.01	0.008	O					0.00
93.500	0.00	0.01	0.008	O					0.00
93.583	0.00	0.01	0.008	O					0.00

93.667	0.00	0.01	0.008	O					0.00
93.750	0.00	0.01	0.008	O					0.00
93.833	0.00	0.01	0.008	O					0.00
93.917	0.00	0.01	0.008	O					0.00
94.000	0.00	0.01	0.008	O					0.00
94.083	0.00	0.01	0.008	O					0.00
94.167	0.00	0.01	0.008	O					0.00
94.250	0.00	0.01	0.007	O					0.00
94.333	0.00	0.01	0.007	O					0.00
94.417	0.00	0.01	0.007	O					0.00
94.500	0.00	0.01	0.007	O					0.00
94.583	0.00	0.01	0.007	O					0.00
94.667	0.00	0.01	0.007	O					0.00
94.750	0.00	0.01	0.007	O					0.00
94.833	0.00	0.01	0.007	O					0.00
94.917	0.00	0.01	0.007	O					0.00
95.000	0.00	0.01	0.007	O					0.00
95.083	0.00	0.01	0.007	O					0.00
95.167	0.00	0.01	0.007	O					0.00
95.250	0.00	0.01	0.007	O					0.00
95.333	0.00	0.01	0.007	O					0.00
95.417	0.00	0.01	0.007	O					0.00
95.500	0.00	0.01	0.007	O					0.00
95.583	0.00	0.01	0.007	O					0.00
95.667	0.00	0.01	0.007	O					0.00
95.750	0.00	0.01	0.007	O					0.00
95.833	0.00	0.01	0.007	O					0.00
95.917	0.00	0.01	0.007	O					0.00
96.000	0.00	0.01	0.007	O					0.00
96.083	0.00	0.01	0.007	O					0.00
96.167	0.00	0.01	0.006	O					0.00
96.250	0.00	0.01	0.006	O					0.00
96.333	0.00	0.01	0.006	O					0.00
96.417	0.00	0.01	0.006	O					0.00
96.500	0.00	0.01	0.006	O					0.00
96.583	0.00	0.01	0.006	O					0.00
96.667	0.00	0.01	0.006	O					0.00
96.750	0.00	0.01	0.006	O					0.00
96.833	0.00	0.01	0.006	O					0.00
96.917	0.00	0.01	0.006	O					0.00
97.000	0.00	0.01	0.006	O					0.00
97.083	0.00	0.01	0.006	O					0.00
97.167	0.00	0.01	0.006	O					0.00
97.250	0.00	0.01	0.006	O					0.00
97.333	0.00	0.01	0.006	O					0.00
97.417	0.00	0.01	0.006	O					0.00
97.500	0.00	0.01	0.006	O					0.00
97.583	0.00	0.01	0.006	O					0.00
97.667	0.00	0.01	0.006	O					0.00
97.750	0.00	0.01	0.006	O					0.00
97.833	0.00	0.01	0.006	O					0.00
97.917	0.00	0.01	0.006	O					0.00
98.000	0.00	0.01	0.006	O					0.00
98.083	0.00	0.01	0.006	O					0.00
98.167	0.00	0.01	0.006	O					0.00
98.250	0.00	0.01	0.006	O					0.00
98.333	0.00	0.01	0.005	O					0.00
98.417	0.00	0.01	0.005	O					0.00
98.500	0.00	0.00	0.005	O					0.00
98.583	0.00	0.00	0.005	O					0.00
98.667	0.00	0.00	0.005	O					0.00
98.750	0.00	0.00	0.005	O					0.00
98.833	0.00	0.00	0.005	O					0.00

98.917	0.00	0.00	0.005	O				0.00
99.000	0.00	0.00	0.005	O				0.00
99.083	0.00	0.00	0.005	O				0.00
99.167	0.00	0.00	0.005	O				0.00
99.250	0.00	0.00	0.005	O				0.00
99.333	0.00	0.00	0.005	O				0.00
99.417	0.00	0.00	0.005	O				0.00
99.500	0.00	0.00	0.005	O				0.00
99.583	0.00	0.00	0.005	O				0.00
99.667	0.00	0.00	0.005	O				0.00
99.750	0.00	0.00	0.005	O				0.00
99.833	0.00	0.00	0.005	O				0.00
99.917	0.00	0.00	0.005	O				0.00
100.000	0.00	0.00	0.005	O				0.00
100.083	0.00	0.00	0.005	O				0.00
100.167	0.00	0.00	0.005	O				0.00
100.250	0.00	0.00	0.005	O				0.00
100.333	0.00	0.00	0.005	O				0.00
100.417	0.00	0.00	0.005	O				0.00
100.500	0.00	0.00	0.005	O				0.00
100.583	0.00	0.00	0.005	O				0.00
100.667	0.00	0.00	0.005	O				0.00
100.750	0.00	0.00	0.005	O				0.00
100.833	0.00	0.00	0.005	O				0.00
100.917	0.00	0.00	0.004	O				0.00
101.000	0.00	0.00	0.004	O				0.00
101.083	0.00	0.00	0.004	O				0.00
101.167	0.00	0.00	0.004	O				0.00
101.250	0.00	0.00	0.004	O				0.00
101.333	0.00	0.00	0.004	O				0.00
101.417	0.00	0.00	0.004	O				0.00
101.500	0.00	0.00	0.004	O				0.00
101.583	0.00	0.00	0.004	O				0.00
101.667	0.00	0.00	0.004	O				0.00
101.750	0.00	0.00	0.004	O				0.00
101.833	0.00	0.00	0.004	O				0.00
101.917	0.00	0.00	0.004	O				0.00
102.000	0.00	0.00	0.004	O				0.00
102.083	0.00	0.00	0.004	O				0.00
102.167	0.00	0.00	0.004	O				0.00
102.250	0.00	0.00	0.004	O				0.00
102.333	0.00	0.00	0.004	O				0.00
102.417	0.00	0.00	0.004	O				0.00
102.500	0.00	0.00	0.004	O				0.00
102.583	0.00	0.00	0.004	O				0.00
102.667	0.00	0.00	0.004	O				0.00
102.750	0.00	0.00	0.004	O				0.00
102.833	0.00	0.00	0.004	O				0.00
102.917	0.00	0.00	0.004	O				0.00
103.000	0.00	0.00	0.004	O				0.00
103.083	0.00	0.00	0.004	O				0.00
103.167	0.00	0.00	0.004	O				0.00
103.250	0.00	0.00	0.004	O				0.00
103.333	0.00	0.00	0.004	O				0.00
103.417	0.00	0.00	0.004	O				0.00
103.500	0.00	0.00	0.004	O				0.00
103.583	0.00	0.00	0.004	O				0.00
103.667	0.00	0.00	0.004	O				0.00
103.750	0.00	0.00	0.004	O				0.00
103.833	0.00	0.00	0.004	O				0.00
103.917	0.00	0.00	0.004	O				0.00
104.000	0.00	0.00	0.004	O				0.00
104.083	0.00	0.00	0.004	O				0.00

104.167	0.00	0.00	0.004	O				0.00
104.250	0.00	0.00	0.003	O				0.00
104.333	0.00	0.00	0.003	O				0.00
104.417	0.00	0.00	0.003	O				0.00
104.500	0.00	0.00	0.003	O				0.00
104.583	0.00	0.00	0.003	O				0.00
104.667	0.00	0.00	0.003	O				0.00
104.750	0.00	0.00	0.003	O				0.00
104.833	0.00	0.00	0.003	O				0.00
104.917	0.00	0.00	0.003	O				0.00
105.000	0.00	0.00	0.003	O				0.00
105.083	0.00	0.00	0.003	O				0.00
105.167	0.00	0.00	0.003	O				0.00
105.250	0.00	0.00	0.003	O				0.00
105.333	0.00	0.00	0.003	O				0.00
105.417	0.00	0.00	0.003	O				0.00
105.500	0.00	0.00	0.003	O				0.00
105.583	0.00	0.00	0.003	O				0.00
105.667	0.00	0.00	0.003	O				0.00
105.750	0.00	0.00	0.003	O				0.00
105.833	0.00	0.00	0.003	O				0.00
105.917	0.00	0.00	0.003	O				0.00
106.000	0.00	0.00	0.003	O				0.00
106.083	0.00	0.00	0.003	O				0.00
106.167	0.00	0.00	0.003	O				0.00
106.250	0.00	0.00	0.003	O				0.00
106.333	0.00	0.00	0.003	O				0.00
106.417	0.00	0.00	0.003	O				0.00
106.500	0.00	0.00	0.003	O				0.00
106.583	0.00	0.00	0.003	O				0.00
106.667	0.00	0.00	0.003	O				0.00
106.750	0.00	0.00	0.003	O				0.00
106.833	0.00	0.00	0.003	O				0.00
106.917	0.00	0.00	0.003	O				0.00
107.000	0.00	0.00	0.003	O				0.00
107.083	0.00	0.00	0.003	O				0.00
107.167	0.00	0.00	0.003	O				0.00
107.250	0.00	0.00	0.003	O				0.00
107.333	0.00	0.00	0.003	O				0.00
107.417	0.00	0.00	0.003	O				0.00
107.500	0.00	0.00	0.003	O				0.00
107.583	0.00	0.00	0.003	O				0.00
107.667	0.00	0.00	0.003	O				0.00
107.750	0.00	0.00	0.003	O				0.00
107.833	0.00	0.00	0.003	O				0.00
107.917	0.00	0.00	0.003	O				0.00
108.000	0.00	0.00	0.003	O				0.00
108.083	0.00	0.00	0.003	O				0.00
108.167	0.00	0.00	0.003	O				0.00
108.250	0.00	0.00	0.003	O				0.00
108.333	0.00	0.00	0.003	O				0.00
108.417	0.00	0.00	0.003	O				0.00
108.500	0.00	0.00	0.003	O				0.00
108.583	0.00	0.00	0.003	O				0.00
108.667	0.00	0.00	0.002	O				0.00
108.750	0.00	0.00	0.002	O				0.00
108.833	0.00	0.00	0.002	O				0.00
108.917	0.00	0.00	0.002	O				0.00
109.000	0.00	0.00	0.002	O				0.00
109.083	0.00	0.00	0.002	O				0.00
109.167	0.00	0.00	0.002	O				0.00
109.250	0.00	0.00	0.002	O				0.00
109.333	0.00	0.00	0.002	O				0.00

109.417	0.00	0.00	0.002	O	|	|	|	|	0.00
109.500	0.00	0.00	0.002	O	|	|	|	|	0.00
109.583	0.00	0.00	0.002	O	|	|	|	|	0.00
109.667	0.00	0.00	0.002	O	|	|	|	|	0.00
109.750	0.00	0.00	0.002	O	|	|	|	|	0.00
109.833	0.00	0.00	0.002	O	|	|	|	|	0.00
109.917	0.00	0.00	0.002	O	|	|	|	|	0.00
110.000	0.00	0.00	0.002	O	|	|	|	|	0.00
110.083	0.00	0.00	0.002	O	|	|	|	|	0.00
110.167	0.00	0.00	0.002	O	|	|	|	|	0.00
110.250	0.00	0.00	0.002	O	|	|	|	|	0.00
110.333	0.00	0.00	0.002	O	|	|	|	|	0.00
110.417	0.00	0.00	0.002	O	|	|	|	|	0.00
110.500	0.00	0.00	0.002	O	|	|	|	|	0.00
110.583	0.00	0.00	0.002	O	|	|	|	|	0.00
110.667	0.00	0.00	0.002	O	|	|	|	|	0.00
110.750	0.00	0.00	0.002	O	|	|	|	|	0.00
110.833	0.00	0.00	0.002	O	|	|	|	|	0.00
110.917	0.00	0.00	0.002	O	|	|	|	|	0.00
111.000	0.00	0.00	0.002	O	|	|	|	|	0.00
111.083	0.00	0.00	0.002	O	|	|	|	|	0.00
111.167	0.00	0.00	0.002	O	|	|	|	|	0.00
111.250	0.00	0.00	0.002	O	|	|	|	|	0.00
111.333	0.00	0.00	0.002	O	|	|	|	|	0.00
111.417	0.00	0.00	0.002	O	|	|	|	|	0.00
111.500	0.00	0.00	0.002	O	|	|	|	|	0.00
111.583	0.00	0.00	0.002	O	|	|	|	|	0.00
111.667	0.00	0.00	0.002	O	|	|	|	|	0.00
111.750	0.00	0.00	0.002	O	|	|	|	|	0.00
111.833	0.00	0.00	0.002	O	|	|	|	|	0.00
111.917	0.00	0.00	0.002	O	|	|	|	|	0.00

Remaining water in basin = 0.00 (Ac.Ft)

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

Number of intervals = 1343
Time interval = 5.0 (Min.)
Maximum/Peak flow rate = 2.311 (CFS)
Total volume = 5.211 (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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                FLOOD HYDROGRAPH ROUTING PROGRAM
          Copyright (c) CIVILCADD/CIVILDESIGN, 1989 - 2005
                     Study date: 04/03/24

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Keller Crossing, Tr. 38163
WQ - Detention Basin Routing Area C onsite
Detention Basin C full with DCV at 1426
5-year 6-hour storm Inflow Hydrograph

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


Program License Serial Number 4029

------------------------------------------------------------------------
******************** HYDROGRAPH INFORMATION **********************

             From study/file name: 907hydc5pr65.rte
****************************HYDROGRAPH DATA*****************************
             Number of intervals =    80
             Time interval =    5.0 (Min.)
             Maximum/Peak flow rate =       47.069 (CFS)
             Total volume =       6.573 (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       10.000 to Point/Station       11.000
**** RETARDING BASIN ROUTING ****
________________________________________________________________________

User entry of depth-outflow-storage data
------------------------------------------------------------------------
Total number of inflow hydrograph intervals = 80
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  Storage    Outflow   (S-O*dt/2)   (S+O*dt/2)
     (Ft.)    (Ac.Ft)    (CFS)     (Ac.Ft)     (Ac.Ft)
------------------------------------------------------------------------
   0.000      0.000      0.000      0.000        0.000
   1.000      1.948      1.800      1.942        1.954
   2.000      4.304      2.020      4.297        4.311
   3.000      7.054      3.480      7.042        7.066
   4.000     10.094     49.260      9.924       10.264
   4.500     11.710     87.250     11.410       12.010
   5.000     13.325    331.310     12.184       14.466
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   6.000     16.754   1244.540     12.468       21.040
-------------------------------------------------------------------------
             Hydrograph Detention Basin Routing
-------------------------------------------------------------------------

Graph values: 'I'= unit inflow; 'O'=outflow at time shown
-------------------------------------------------------------------------
 Time   Inflow  Outflow    Storage                                    Depth
(Hours)  (CFS)   (CFS)     (Ac.Ft) .0      11.8   23.53   35.30   47.07 (Ft.)
 0.083    0.80    0.00      0.003  O       |       |       |       |     0.00
 0.167    3.20    0.02      0.017  O I     |       |       |       |     0.01
 0.250    4.44    0.04      0.043  O  I    |       |       |       |     0.02
 0.333    4.95    0.07      0.075  O  I    |       |       |       |     0.04
 0.417    5.22    0.10      0.109  O  I    |       |       |       |     0.06
 0.500    5.55    0.13      0.145  O  I    |       |       |       |     0.07
 0.583    6.11    0.17      0.184  O   I   |       |       |       |     0.09
 0.667    6.33    0.21      0.226  O   I   |       |       |       |     0.12
 0.750    6.46    0.25      0.268  O   I   |       |       |       |     0.14
 0.833    6.51    0.29      0.311  O   I   |       |       |       |     0.16
 0.917    6.54    0.33      0.354  O   I   |       |       |       |     0.18
 1.000    6.72    0.37      0.397  O   I   |       |       |       |     0.20
 1.083    7.17    0.41      0.442  O   I   |       |       |       |     0.23
 1.167    7.34    0.45      0.489  O   I   |       |       |       |     0.25
 1.250    7.41    0.50      0.537  O    I  |       |       |       |     0.28
 1.333    7.45    0.54      0.585  O    I  |       |       |       |     0.30
 1.417    7.48    0.58      0.632  O    I  |       |       |       |     0.32
 1.500    7.49    0.63      0.679  O    I  |       |       |       |     0.35
 1.583    7.50    0.67      0.727  O    I  |       |       |       |     0.37
 1.667    7.51    0.71      0.774  O    I  |       |       |       |     0.40
 1.750    7.51    0.76      0.820  O    I  |       |       |       |     0.42
 1.833    7.51    0.80      0.867  O    I  |       |       |       |     0.44
 1.917    7.51    0.84      0.913  O    I  |       |       |       |     0.47
 2.000    7.68    0.89      0.959  O    I  |       |       |       |     0.49
 2.083    7.96    0.93      1.007  O    I  |       |       |       |     0.52
 2.167    7.83    0.97      1.055  O    I  |       |       |       |     0.54
 2.250    8.19    1.02      1.103  O    I  |       |       |       |     0.57
 2.333    8.32    1.06      1.153  O    I  |       |       |       |     0.59
 2.417    8.38    1.11      1.203  O    I  |       |       |       |     0.62
 2.500    8.41    1.16      1.252  O    I  |       |       |       |     0.64
 2.583    8.43    1.20      1.302  O    I  |       |       |       |     0.67
 2.667    8.44    1.25      1.352  O    I  |       |       |       |     0.69
 2.750    8.60    1.30      1.402  O    I  |       |       |       |     0.72
 2.833    9.06    1.34      1.454  O     I |       |       |       |     0.75
 2.917    9.22    1.39      1.507  O     I |       |       |       |     0.77
 3.000    9.29    1.44      1.561  O     I |       |       |       |     0.80
 3.083    9.33    1.49      1.615  |O    I |       |       |       |     0.83
 3.167    9.52    1.54      1.670  |O    I |       |       |       |     0.86
 3.250    9.98    1.59      1.726  |O    I |       |       |       |     0.89
 3.333   10.15    1.65      1.784  |O    I |       |       |       |     0.92
 3.417   10.39    1.70      1.843  |O     I|       |       |       |     0.95
 3.500   11.04    1.76      1.905  |O     I|       |       |       |     0.98
 3.583   11.83    1.80      1.972  |O      I       |       |       |     1.01
 3.667   12.52    1.81      2.043  |O      I       |       |       |     1.04
 3.750   12.96    1.82      2.118  |O      I       |       |       |     1.07
 3.833   13.55    1.82      2.197  |O      |I      |       |       |     1.11
 3.917   13.96    1.83      2.279  |O      |I      |       |       |     1.14
 4.000   14.53    1.84      2.365  |O      |I      |       |       |     1.18
 4.083   14.92    1.85      2.453  |O      | I     |       |       |     1.21
 4.167   15.65    1.86      2.546  |O      | I     |       |       |     1.25
 4.250   16.48    1.86      2.644  |O      |  I    |       |       |     1.30
 4.333   17.35    1.87      2.747  |O      |  I    |       |       |     1.34
 4.417   18.26    1.88      2.857  |O      |   I   |       |       |     1.39
 4.500   19.01    1.90      2.972  |O      |   I   |       |       |     1.43
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4.583	19.49	1.91	3.092	|O	|	I	|	|	1.49
4.667	20.26	1.92	3.216	|O	|	I	|	|	1.54
4.750	21.13	1.93	3.345	|O	|	I	|	|	1.59
4.833	21.87	1.94	3.480	|O	|	I	|	|	1.65
4.917	22.33	1.96	3.618	|O	|	I	|	|	1.71
5.000	23.10	1.97	3.761	|O	|	I	|	|	1.77
5.083	24.60	1.98	3.912	|O	|	I	|	|	1.83
5.167	27.92	2.00	4.079	|O	|	I	|	|	1.90
5.250	31.62	2.02	4.270	|O	|	I	|	|	1.99
5.333	35.04	2.12	4.486	|O	|	I	|	|	2.07
5.417	39.46	2.24	4.727	|O	|	I	|	|	2.15
5.500	46.44	2.39	5.007	|O	|	I	|	|	2.26
5.583	47.07	2.56	5.312	|O	|	I	|	|	2.37
5.667	27.84	2.68	5.552	|O	|	I	|	|	2.45
5.750	17.12	2.75	5.688	|O	| I	|	|	|	2.50
5.833	11.71	2.80	5.768	|O	I |	|	|	|	2.53
5.917	8.47	2.82	5.818	|O	I |	|	|	|	2.55
6.000	5.81	2.84	5.848	|O	I |	|	|	|	2.56
6.083	3.71	2.85	5.861	|O	I |	|	|	|	2.57
6.167	1.86	2.85	5.861	|O	|	|	|	|	2.57
6.250	0.77	2.84	5.850	IO	|	|	|	|	2.56
6.333	0.39	2.83	5.835	IO	|	|	|	|	2.56
6.417	0.21	2.82	5.817	IO	|	|	|	|	2.55
6.500	0.11	2.81	5.799	IO	|	|	|	|	2.54
6.583	0.05	2.80	5.780	IO	|	|	|	|	2.54
6.667	0.02	2.79	5.761	IO	|	|	|	|	2.53
6.750	0.00	2.78	5.742	IO	|	|	|	|	2.52
6.833	0.00	2.77	5.723	IO	|	|	|	|	2.52
6.917	0.00	2.76	5.704	IO	|	|	|	|	2.51
7.000	0.00	2.75	5.685	IO	|	|	|	|	2.50
7.083	0.00	2.74	5.666	IO	|	|	|	|	2.50
7.167	0.00	2.73	5.647	IO	|	|	|	|	2.49
7.250	0.00	2.72	5.628	IO	|	|	|	|	2.48
7.333	0.00	2.71	5.609	IO	|	|	|	|	2.47
7.417	0.00	2.70	5.591	IO	|	|	|	|	2.47
7.500	0.00	2.69	5.572	IO	|	|	|	|	2.46
7.583	0.00	2.68	5.554	IO	|	|	|	|	2.45
7.667	0.00	2.67	5.535	IO	|	|	|	|	2.45
7.750	0.00	2.66	5.517	IO	|	|	|	|	2.44
7.833	0.00	2.65	5.499	IO	|	|	|	|	2.43
7.917	0.00	2.64	5.480	IO	|	|	|	|	2.43
8.000	0.00	2.63	5.462	IO	|	|	|	|	2.42
8.083	0.00	2.63	5.444	IO	|	|	|	|	2.41
8.167	0.00	2.62	5.426	IO	|	|	|	|	2.41
8.250	0.00	2.61	5.408	IO	|	|	|	|	2.40
8.333	0.00	2.60	5.390	IO	|	|	|	|	2.39
8.417	0.00	2.59	5.372	IO	|	|	|	|	2.39
8.500	0.00	2.58	5.354	IO	|	|	|	|	2.38
8.583	0.00	2.57	5.337	IO	|	|	|	|	2.38
8.667	0.00	2.56	5.319	IO	|	|	|	|	2.37
8.750	0.00	2.55	5.301	IO	|	|	|	|	2.36
8.833	0.00	2.54	5.284	IO	|	|	|	|	2.36
8.917	0.00	2.53	5.266	IO	|	|	|	|	2.35
9.000	0.00	2.52	5.249	IO	|	|	|	|	2.34
9.083	0.00	2.51	5.232	IO	|	|	|	|	2.34
9.167	0.00	2.50	5.214	IO	|	|	|	|	2.33
9.250	0.00	2.49	5.197	IO	|	|	|	|	2.32
9.333	0.00	2.49	5.180	IO	|	|	|	|	2.32
9.417	0.00	2.48	5.163	IO	|	|	|	|	2.31
9.500	0.00	2.47	5.146	IO	|	|	|	|	2.31
9.583	0.00	2.46	5.129	IO	|	|	|	|	2.30
9.667	0.00	2.45	5.112	IO	|	|	|	|	2.29
9.750	0.00	2.44	5.095	IO	|	|	|	|	2.29

9.833	0.00	2.43	5.079	IO				2.28
9.917	0.00	2.42	5.062	IO				2.28
10.000	0.00	2.41	5.045	IO				2.27
10.083	0.00	2.40	5.029	IO				2.26
10.167	0.00	2.40	5.012	IO				2.26
10.250	0.00	2.39	4.996	IO				2.25
10.333	0.00	2.38	4.979	IO				2.25
10.417	0.00	2.37	4.963	IO				2.24
10.500	0.00	2.36	4.946	IO				2.23
10.583	0.00	2.35	4.930	IO				2.23
10.667	0.00	2.34	4.914	IO				2.22
10.750	0.00	2.34	4.898	IO				2.22
10.833	0.00	2.33	4.882	IO				2.21
10.917	0.00	2.32	4.866	IO				2.20
11.000	0.00	2.31	4.850	IO				2.20
11.083	0.00	2.30	4.834	IO				2.19
11.167	0.00	2.29	4.818	IO				2.19
11.250	0.00	2.28	4.803	IO				2.18
11.333	0.00	2.28	4.787	IO				2.18
11.417	0.00	2.27	4.771	IO				2.17
11.500	0.00	2.26	4.756	IO				2.16
11.583	0.00	2.25	4.740	IO				2.16
11.667	0.00	2.24	4.725	IO				2.15
11.750	0.00	2.24	4.709	IO				2.15
11.833	0.00	2.23	4.694	IO				2.14
11.917	0.00	2.22	4.678	IO				2.14
12.000	0.00	2.21	4.663	IO				2.13
12.083	0.00	2.20	4.648	IO				2.13
12.167	0.00	2.19	4.633	IO				2.12
12.250	0.00	2.19	4.618	IO				2.11
12.333	0.00	2.18	4.603	IO				2.11
12.417	0.00	2.17	4.588	IO				2.10
12.500	0.00	2.16	4.573	IO				2.10
12.583	0.00	2.15	4.558	IO				2.09
12.667	0.00	2.15	4.543	IO				2.09
12.750	0.00	2.14	4.528	IO				2.08
12.833	0.00	2.13	4.514	IO				2.08
12.917	0.00	2.12	4.499	IO				2.07
13.000	0.00	2.12	4.484	IO				2.07
13.083	0.00	2.11	4.470	IO				2.06
13.167	0.00	2.10	4.455	IO				2.06
13.250	0.00	2.09	4.441	IO				2.05
13.333	0.00	2.09	4.427	IO				2.04
13.417	0.00	2.08	4.412	IO				2.04
13.500	0.00	2.07	4.398	IO				2.03
13.583	0.00	2.06	4.384	IO				2.03
13.667	0.00	2.05	4.370	IO				2.02
13.750	0.00	2.05	4.355	IO				2.02
13.833	0.00	2.04	4.341	IO				2.01
13.917	0.00	2.03	4.327	IO				2.01
14.000	0.00	2.02	4.313	IO				2.00
14.083	0.00	2.02	4.299	IO				2.00
14.167	0.00	2.02	4.286	IO				1.99
14.250	0.00	2.02	4.272	IO				1.99
14.333	0.00	2.02	4.258	IO				1.98
14.417	0.00	2.01	4.244	IO				1.97
14.500	0.00	2.01	4.230	IO				1.97
14.583	0.00	2.01	4.216	IO				1.96
14.667	0.00	2.01	4.202	IO				1.96
14.750	0.00	2.01	4.188	IO				1.95
14.833	0.00	2.01	4.175	IO				1.95
14.917	0.00	2.01	4.161	IO				1.94
15.000	0.00	2.01	4.147	IO				1.93

15.083	0.00	2.00	4.133	IO				1.93
15.167	0.00	2.00	4.119	IO				1.92
15.250	0.00	2.00	4.106	IO				1.92
15.333	0.00	2.00	4.092	IO				1.91
15.417	0.00	2.00	4.078	IO				1.90
15.500	0.00	2.00	4.064	IO				1.90
15.583	0.00	2.00	4.051	IO				1.89
15.667	0.00	2.00	4.037	IO				1.89
15.750	0.00	1.99	4.023	IO				1.88
15.833	0.00	1.99	4.009	IO				1.87
15.917	0.00	1.99	3.996	IO				1.87
16.000	0.00	1.99	3.982	IO				1.86
16.083	0.00	1.99	3.968	IO				1.86
16.167	0.00	1.99	3.955	IO				1.85
16.250	0.00	1.99	3.941	IO				1.85
16.333	0.00	1.98	3.927	IO				1.84
16.417	0.00	1.98	3.913	IO				1.83
16.500	0.00	1.98	3.900	IO				1.83
16.583	0.00	1.98	3.886	IO				1.82
16.667	0.00	1.98	3.873	IO				1.82
16.750	0.00	1.98	3.859	IO				1.81
16.833	0.00	1.98	3.845	IO				1.81
16.917	0.00	1.98	3.832	IO				1.80
17.000	0.00	1.97	3.818	IO				1.79
17.083	0.00	1.97	3.804	IO				1.79
17.167	0.00	1.97	3.791	IO				1.78
17.250	0.00	1.97	3.777	IO				1.78
17.333	0.00	1.97	3.764	IO				1.77
17.417	0.00	1.97	3.750	IO				1.76
17.500	0.00	1.97	3.737	IO				1.76
17.583	0.00	1.97	3.723	IO				1.75
17.667	0.00	1.96	3.710	IO				1.75
17.750	0.00	1.96	3.696	IO				1.74
17.833	0.00	1.96	3.683	IO				1.74
17.917	0.00	1.96	3.669	IO				1.73
18.000	0.00	1.96	3.656	IO				1.72
18.083	0.00	1.96	3.642	IO				1.72
18.167	0.00	1.96	3.629	IO				1.71
18.250	0.00	1.96	3.615	IO				1.71
18.333	0.00	1.95	3.602	IO				1.70
18.417	0.00	1.95	3.588	IO				1.70
18.500	0.00	1.95	3.575	IO				1.69
18.583	0.00	1.95	3.561	IO				1.68
18.667	0.00	1.95	3.548	IO				1.68
18.750	0.00	1.95	3.534	IO				1.67
18.833	0.00	1.95	3.521	IO				1.67
18.917	0.00	1.95	3.508	IO				1.66
19.000	0.00	1.94	3.494	IO				1.66
19.083	0.00	1.94	3.481	IO				1.65
19.167	0.00	1.94	3.467	IO				1.64
19.250	0.00	1.94	3.454	IO				1.64
19.333	0.00	1.94	3.441	IO				1.63
19.417	0.00	1.94	3.427	IO				1.63
19.500	0.00	1.94	3.414	IO				1.62
19.583	0.00	1.94	3.401	IO				1.62
19.667	0.00	1.93	3.387	IO				1.61
19.750	0.00	1.93	3.374	IO				1.61
19.833	0.00	1.93	3.361	IO				1.60
19.917	0.00	1.93	3.347	IO				1.59
20.000	0.00	1.93	3.334	IO				1.59
20.083	0.00	1.93	3.321	IO				1.58
20.167	0.00	1.93	3.308	IO				1.58
20.250	0.00	1.93	3.294	IO				1.57

20.333	0.00	1.92	3.281	IO				1.57
20.417	0.00	1.92	3.268	IO				1.56
20.500	0.00	1.92	3.255	IO				1.55
20.583	0.00	1.92	3.241	IO				1.55
20.667	0.00	1.92	3.228	IO				1.54
20.750	0.00	1.92	3.215	IO				1.54
20.833	0.00	1.92	3.202	IO				1.53
20.917	0.00	1.92	3.188	IO				1.53
21.000	0.00	1.91	3.175	IO				1.52
21.083	0.00	1.91	3.162	IO				1.52
21.167	0.00	1.91	3.149	IO				1.51
21.250	0.00	1.91	3.136	IO				1.50
21.333	0.00	1.91	3.123	IO				1.50
21.417	0.00	1.91	3.109	IO				1.49
21.500	0.00	1.91	3.096	IO				1.49
21.583	0.00	1.91	3.083	IO				1.48
21.667	0.00	1.90	3.070	IO				1.48
21.750	0.00	1.90	3.057	IO				1.47
21.833	0.00	1.90	3.044	IO				1.47
21.917	0.00	1.90	3.031	IO				1.46
22.000	0.00	1.90	3.018	IO				1.45
22.083	0.00	1.90	3.005	IO				1.45
22.167	0.00	1.90	2.992	IO				1.44
22.250	0.00	1.90	2.978	IO				1.44
22.333	0.00	1.90	2.965	IO				1.43
22.417	0.00	1.89	2.952	IO				1.43
22.500	0.00	1.89	2.939	IO				1.42
22.583	0.00	1.89	2.926	IO				1.42
22.667	0.00	1.89	2.913	IO				1.41
22.750	0.00	1.89	2.900	IO				1.40
22.833	0.00	1.89	2.887	IO				1.40
22.917	0.00	1.89	2.874	IO				1.39
23.000	0.00	1.89	2.861	IO				1.39
23.083	0.00	1.88	2.848	IO				1.38
23.167	0.00	1.88	2.835	IO				1.38
23.250	0.00	1.88	2.822	IO				1.37
23.333	0.00	1.88	2.809	IO				1.37
23.417	0.00	1.88	2.796	IO				1.36
23.500	0.00	1.88	2.783	IO				1.35
23.583	0.00	1.88	2.771	IO				1.35
23.667	0.00	1.88	2.758	IO				1.34
23.750	0.00	1.87	2.745	IO				1.34
23.833	0.00	1.87	2.732	IO				1.33
23.917	0.00	1.87	2.719	IO				1.33
24.000	0.00	1.87	2.706	IO				1.32
24.083	0.00	1.87	2.693	IO				1.32
24.167	0.00	1.87	2.680	IO				1.31
24.250	0.00	1.87	2.667	IO				1.31
24.333	0.00	1.87	2.655	IO				1.30
24.417	0.00	1.86	2.642	IO				1.29
24.500	0.00	1.86	2.629	IO				1.29
24.583	0.00	1.86	2.616	IO				1.28
24.667	0.00	1.86	2.603	IO				1.28
24.750	0.00	1.86	2.590	IO				1.27
24.833	0.00	1.86	2.578	IO				1.27
24.917	0.00	1.86	2.565	IO				1.26
25.000	0.00	1.86	2.552	IO				1.26
25.083	0.00	1.86	2.539	IO				1.25
25.167	0.00	1.85	2.526	IO				1.25
25.250	0.00	1.85	2.514	IO				1.24
25.333	0.00	1.85	2.501	IO				1.23
25.417	0.00	1.85	2.488	IO				1.23
25.500	0.00	1.85	2.475	IO				1.22

25.583	0.00	1.85	2.463	IO				1.22
25.667	0.00	1.85	2.450	IO				1.21
25.750	0.00	1.85	2.437	IO				1.21
25.833	0.00	1.84	2.425	IO				1.20
25.917	0.00	1.84	2.412	IO				1.20
26.000	0.00	1.84	2.399	IO				1.19
26.083	0.00	1.84	2.387	IO				1.19
26.167	0.00	1.84	2.374	IO				1.18
26.250	0.00	1.84	2.361	IO				1.18
26.333	0.00	1.84	2.349	IO				1.17
26.417	0.00	1.84	2.336	IO				1.16
26.500	0.00	1.84	2.323	IO				1.16
26.583	0.00	1.83	2.311	IO				1.15
26.667	0.00	1.83	2.298	IO				1.15
26.750	0.00	1.83	2.285	IO				1.14
26.833	0.00	1.83	2.273	IO				1.14
26.917	0.00	1.83	2.260	IO				1.13
27.000	0.00	1.83	2.248	IO				1.13
27.083	0.00	1.83	2.235	IO				1.12
27.167	0.00	1.83	2.222	IO				1.12
27.250	0.00	1.82	2.210	IO				1.11
27.333	0.00	1.82	2.197	IO				1.11
27.417	0.00	1.82	2.185	IO				1.10
27.500	0.00	1.82	2.172	IO				1.10
27.583	0.00	1.82	2.160	IO				1.09
27.667	0.00	1.82	2.147	IO				1.08
27.750	0.00	1.82	2.135	IO				1.08
27.833	0.00	1.82	2.122	IO				1.07
27.917	0.00	1.82	2.110	IO				1.07
28.000	0.00	1.81	2.097	IO				1.06
28.083	0.00	1.81	2.085	IO				1.06
28.167	0.00	1.81	2.072	IO				1.05
28.250	0.00	1.81	2.060	IO				1.05
28.333	0.00	1.81	2.047	IO				1.04
28.417	0.00	1.81	2.035	IO				1.04
28.500	0.00	1.81	2.022	IO				1.03
28.583	0.00	1.81	2.010	IO				1.03
28.667	0.00	1.80	1.997	IO				1.02
28.750	0.00	1.80	1.985	IO				1.02
28.833	0.00	1.80	1.973	IO				1.01
28.917	0.00	1.80	1.960	IO				1.01
29.000	0.00	1.80	1.948	IO				1.00
29.083	0.00	1.79	1.935	IO				0.99
29.167	0.00	1.78	1.923	IO				0.99
29.250	0.00	1.77	1.911	IO				0.98
29.333	0.00	1.75	1.899	IO				0.97
29.417	0.00	1.74	1.887	IO				0.97
29.500	0.00	1.73	1.875	IO				0.96
29.583	0.00	1.72	1.863	IO				0.96
29.667	0.00	1.71	1.851	IO				0.95
29.750	0.00	1.70	1.839	IO				0.94
29.833	0.00	1.69	1.828	IO				0.94
29.917	0.00	1.68	1.816	IO				0.93
30.000	0.00	1.67	1.805	IO				0.93
30.083	0.00	1.66	1.793	IO				0.92
30.167	0.00	1.65	1.782	IO				0.91
30.250	0.00	1.64	1.770	IO				0.91
30.333	0.00	1.63	1.759	IO				0.90
30.417	0.00	1.62	1.748	IO				0.90
30.500	0.00	1.60	1.737	IO				0.89
30.583	0.00	1.59	1.726	IO				0.89
30.667	0.00	1.58	1.715	IO				0.88
30.750	0.00	1.57	1.704	IO				0.87

30.833	0.00	1.56	1.693	IO				0.87
30.917	0.00	1.55	1.683	IO				0.86
31.000	0.00	1.54	1.672	IO				0.86
31.083	0.00	1.54	1.661	IO				0.85
31.167	0.00	1.53	1.651	IO				0.85
31.250	0.00	1.52	1.640	IO				0.84
31.333	0.00	1.51	1.630	IO				0.84
31.417	0.00	1.50	1.619	IO				0.83
31.500	0.00	1.49	1.609	IO				0.83
31.583	0.00	1.48	1.599	IO				0.82
31.667	0.00	1.47	1.589	O				0.82
31.750	0.00	1.46	1.579	O				0.81
31.833	0.00	1.45	1.569	O				0.81
31.917	0.00	1.44	1.559	O				0.80
32.000	0.00	1.43	1.549	O				0.80
32.083	0.00	1.42	1.539	O				0.79
32.167	0.00	1.41	1.529	O				0.79
32.250	0.00	1.40	1.520	O				0.78
32.333	0.00	1.40	1.510	O				0.78
32.417	0.00	1.39	1.500	O				0.77
32.500	0.00	1.38	1.491	O				0.77
32.583	0.00	1.37	1.481	O				0.76
32.667	0.00	1.36	1.472	O				0.76
32.750	0.00	1.35	1.463	O				0.75
32.833	0.00	1.34	1.453	O				0.75
32.917	0.00	1.33	1.444	O				0.74
33.000	0.00	1.33	1.435	O				0.74
33.083	0.00	1.32	1.426	O				0.73
33.167	0.00	1.31	1.417	O				0.73
33.250	0.00	1.30	1.408	O				0.72
33.333	0.00	1.29	1.399	O				0.72
33.417	0.00	1.28	1.390	O				0.71
33.500	0.00	1.28	1.381	O				0.71
33.583	0.00	1.27	1.373	O				0.70
33.667	0.00	1.26	1.364	O				0.70
33.750	0.00	1.25	1.355	O				0.70
33.833	0.00	1.24	1.347	O				0.69
33.917	0.00	1.24	1.338	O				0.69
34.000	0.00	1.23	1.330	O				0.68
34.083	0.00	1.22	1.321	O				0.68
34.167	0.00	1.21	1.313	O				0.67
34.250	0.00	1.21	1.304	O				0.67
34.333	0.00	1.20	1.296	O				0.67
34.417	0.00	1.19	1.288	O				0.66
34.500	0.00	1.18	1.280	O				0.66
34.583	0.00	1.17	1.272	O				0.65
34.667	0.00	1.17	1.264	O				0.65
34.750	0.00	1.16	1.256	O				0.64
34.833	0.00	1.15	1.248	O				0.64
34.917	0.00	1.15	1.240	O				0.64
35.000	0.00	1.14	1.232	O				0.63
35.083	0.00	1.13	1.224	O				0.63
35.167	0.00	1.12	1.216	O				0.62
35.250	0.00	1.12	1.208	O				0.62
35.333	0.00	1.11	1.201	O				0.62
35.417	0.00	1.10	1.193	O				0.61
35.500	0.00	1.10	1.186	O				0.61
35.583	0.00	1.09	1.178	O				0.60
35.667	0.00	1.08	1.171	O				0.60
35.750	0.00	1.07	1.163	O				0.60
35.833	0.00	1.07	1.156	O				0.59
35.917	0.00	1.06	1.149	O				0.59
36.000	0.00	1.05	1.141	O				0.59

36.083	0.00	1.05	1.134	O				0.58
36.167	0.00	1.04	1.127	O				0.58
36.250	0.00	1.03	1.120	O				0.57
36.333	0.00	1.03	1.113	O				0.57
36.417	0.00	1.02	1.105	O				0.57
36.500	0.00	1.02	1.098	O				0.56
36.583	0.00	1.01	1.091	O				0.56
36.667	0.00	1.00	1.085	O				0.56
36.750	0.00	1.00	1.078	O				0.55
36.833	0.00	0.99	1.071	O				0.55
36.917	0.00	0.98	1.064	O				0.55
37.000	0.00	0.98	1.057	O				0.54
37.083	0.00	0.97	1.051	O				0.54
37.167	0.00	0.96	1.044	O				0.54
37.250	0.00	0.96	1.037	O				0.53
37.333	0.00	0.95	1.031	O				0.53
37.417	0.00	0.95	1.024	O				0.53
37.500	0.00	0.94	1.018	O				0.52
37.583	0.00	0.93	1.011	O				0.52
37.667	0.00	0.93	1.005	O				0.52
37.750	0.00	0.92	0.998	O				0.51
37.833	0.00	0.92	0.992	O				0.51
37.917	0.00	0.91	0.986	O				0.51
38.000	0.00	0.91	0.980	O				0.50
38.083	0.00	0.90	0.973	O				0.50
38.167	0.00	0.89	0.967	O				0.50
38.250	0.00	0.89	0.961	O				0.49
38.333	0.00	0.88	0.955	O				0.49
38.417	0.00	0.88	0.949	O				0.49
38.500	0.00	0.87	0.943	O				0.48
38.583	0.00	0.87	0.937	O				0.48
38.667	0.00	0.86	0.931	O				0.48
38.750	0.00	0.85	0.925	O				0.47
38.833	0.00	0.85	0.919	O				0.47
38.917	0.00	0.84	0.913	O				0.47
39.000	0.00	0.84	0.908	O				0.47
39.083	0.00	0.83	0.902	O				0.46
39.167	0.00	0.83	0.896	O				0.46
39.250	0.00	0.82	0.890	O				0.46
39.333	0.00	0.82	0.885	O				0.45
39.417	0.00	0.81	0.879	O				0.45
39.500	0.00	0.81	0.874	O				0.45
39.583	0.00	0.80	0.868	O				0.45
39.667	0.00	0.80	0.863	O				0.44
39.750	0.00	0.79	0.857	O				0.44
39.833	0.00	0.79	0.852	O				0.44
39.917	0.00	0.78	0.846	O				0.43
40.000	0.00	0.78	0.841	O				0.43
40.083	0.00	0.77	0.835	O				0.43
40.167	0.00	0.77	0.830	O				0.43
40.250	0.00	0.76	0.825	O				0.42
40.333	0.00	0.76	0.820	O				0.42
40.417	0.00	0.75	0.814	O				0.42
40.500	0.00	0.75	0.809	O				0.42
40.583	0.00	0.74	0.804	O				0.41
40.667	0.00	0.74	0.799	O				0.41
40.750	0.00	0.73	0.794	O				0.41
40.833	0.00	0.73	0.789	O				0.41
40.917	0.00	0.72	0.784	O				0.40
41.000	0.00	0.72	0.779	O				0.40
41.083	0.00	0.72	0.774	O				0.40
41.167	0.00	0.71	0.769	O				0.39
41.250	0.00	0.71	0.764	O				0.39

41.333	0.00	0.70	0.759	O				0.39
41.417	0.00	0.70	0.755	O				0.39
41.500	0.00	0.69	0.750	O				0.38
41.583	0.00	0.69	0.745	O				0.38
41.667	0.00	0.68	0.740	O				0.38
41.750	0.00	0.68	0.736	O				0.38
41.833	0.00	0.68	0.731	O				0.38
41.917	0.00	0.67	0.726	O				0.37
42.000	0.00	0.67	0.722	O				0.37
42.083	0.00	0.66	0.717	O				0.37
42.167	0.00	0.66	0.713	O				0.37
42.250	0.00	0.65	0.708	O				0.36
42.333	0.00	0.65	0.704	O				0.36
42.417	0.00	0.65	0.699	O				0.36
42.500	0.00	0.64	0.695	O				0.36
42.583	0.00	0.64	0.690	O				0.35
42.667	0.00	0.63	0.686	O				0.35
42.750	0.00	0.63	0.682	O				0.35
42.833	0.00	0.63	0.677	O				0.35
42.917	0.00	0.62	0.673	O				0.35
43.000	0.00	0.62	0.669	O				0.34
43.083	0.00	0.61	0.664	O				0.34
43.167	0.00	0.61	0.660	O				0.34
43.250	0.00	0.61	0.656	O				0.34
43.333	0.00	0.60	0.652	O				0.33
43.417	0.00	0.60	0.648	O				0.33
43.500	0.00	0.59	0.644	O				0.33
43.583	0.00	0.59	0.640	O				0.33
43.667	0.00	0.59	0.635	O				0.33
43.750	0.00	0.58	0.631	O				0.32
43.833	0.00	0.58	0.627	O				0.32
43.917	0.00	0.58	0.623	O				0.32
44.000	0.00	0.57	0.620	O				0.32
44.083	0.00	0.57	0.616	O				0.32
44.167	0.00	0.57	0.612	O				0.31
44.250	0.00	0.56	0.608	O				0.31
44.333	0.00	0.56	0.604	O				0.31
44.417	0.00	0.55	0.600	O				0.31
44.500	0.00	0.55	0.596	O				0.31
44.583	0.00	0.55	0.593	O				0.30
44.667	0.00	0.54	0.589	O				0.30
44.750	0.00	0.54	0.585	O				0.30
44.833	0.00	0.54	0.581	O				0.30
44.917	0.00	0.53	0.578	O				0.30
45.000	0.00	0.53	0.574	O				0.29
45.083	0.00	0.53	0.570	O				0.29
45.167	0.00	0.52	0.567	O				0.29
45.250	0.00	0.52	0.563	O				0.29
45.333	0.00	0.52	0.560	O				0.29
45.417	0.00	0.51	0.556	O				0.29
45.500	0.00	0.51	0.552	O				0.28
45.583	0.00	0.51	0.549	O				0.28
45.667	0.00	0.50	0.545	O				0.28
45.750	0.00	0.50	0.542	O				0.28
45.833	0.00	0.50	0.539	O				0.28
45.917	0.00	0.49	0.535	O				0.27
46.000	0.00	0.49	0.532	O				0.27
46.083	0.00	0.49	0.528	O				0.27
46.167	0.00	0.49	0.525	O				0.27
46.250	0.00	0.48	0.522	O				0.27
46.333	0.00	0.48	0.518	O				0.27
46.417	0.00	0.48	0.515	O				0.26
46.500	0.00	0.47	0.512	O				0.26

46.583	0.00	0.47	0.509	O				0.26
46.667	0.00	0.47	0.505	O				0.26
46.750	0.00	0.46	0.502	O				0.26
46.833	0.00	0.46	0.499	O				0.26
46.917	0.00	0.46	0.496	O				0.25
47.000	0.00	0.46	0.493	O				0.25
47.083	0.00	0.45	0.490	O				0.25
47.167	0.00	0.45	0.486	O				0.25
47.250	0.00	0.45	0.483	O				0.25
47.333	0.00	0.44	0.480	O				0.25
47.417	0.00	0.44	0.477	O				0.24
47.500	0.00	0.44	0.474	O				0.24
47.583	0.00	0.44	0.471	O				0.24
47.667	0.00	0.43	0.468	O				0.24
47.750	0.00	0.43	0.465	O				0.24
47.833	0.00	0.43	0.462	O				0.24
47.917	0.00	0.42	0.459	O				0.24
48.000	0.00	0.42	0.456	O				0.23
48.083	0.00	0.42	0.454	O				0.23
48.167	0.00	0.42	0.451	O				0.23
48.250	0.00	0.41	0.448	O				0.23
48.333	0.00	0.41	0.445	O				0.23
48.417	0.00	0.41	0.442	O				0.23
48.500	0.00	0.41	0.439	O				0.23
48.583	0.00	0.40	0.437	O				0.22
48.667	0.00	0.40	0.434	O				0.22
48.750	0.00	0.40	0.431	O				0.22
48.833	0.00	0.40	0.428	O				0.22
48.917	0.00	0.39	0.426	O				0.22
49.000	0.00	0.39	0.423	O				0.22
49.083	0.00	0.39	0.420	O				0.22
49.167	0.00	0.39	0.418	O				0.21
49.250	0.00	0.38	0.415	O				0.21
49.333	0.00	0.38	0.412	O				0.21
49.417	0.00	0.38	0.410	O				0.21
49.500	0.00	0.38	0.407	O				0.21
49.583	0.00	0.37	0.404	O				0.21
49.667	0.00	0.37	0.402	O				0.21
49.750	0.00	0.37	0.399	O				0.21
49.833	0.00	0.37	0.397	O				0.20
49.917	0.00	0.36	0.394	O				0.20
50.000	0.00	0.36	0.392	O				0.20
50.083	0.00	0.36	0.389	O				0.20
50.167	0.00	0.36	0.387	O				0.20
50.250	0.00	0.36	0.384	O				0.20
50.333	0.00	0.35	0.382	O				0.20
50.417	0.00	0.35	0.380	O				0.19
50.500	0.00	0.35	0.377	O				0.19
50.583	0.00	0.35	0.375	O				0.19
50.667	0.00	0.34	0.372	O				0.19
50.750	0.00	0.34	0.370	O				0.19
50.833	0.00	0.34	0.368	O				0.19
50.917	0.00	0.34	0.365	O				0.19
51.000	0.00	0.34	0.363	O				0.19
51.083	0.00	0.33	0.361	O				0.19
51.167	0.00	0.33	0.358	O				0.18
51.250	0.00	0.33	0.356	O				0.18
51.333	0.00	0.33	0.354	O				0.18
51.417	0.00	0.32	0.352	O				0.18
51.500	0.00	0.32	0.349	O				0.18
51.583	0.00	0.32	0.347	O				0.18
51.667	0.00	0.32	0.345	O				0.18
51.750	0.00	0.32	0.343	O				0.18

51.833	0.00	0.31	0.341	O				0.17
51.917	0.00	0.31	0.338	O				0.17
52.000	0.00	0.31	0.336	O				0.17
52.083	0.00	0.31	0.334	O				0.17
52.167	0.00	0.31	0.332	O				0.17
52.250	0.00	0.30	0.330	O				0.17
52.333	0.00	0.30	0.328	O				0.17
52.417	0.00	0.30	0.326	O				0.17
52.500	0.00	0.30	0.324	O				0.17
52.583	0.00	0.30	0.322	O				0.17
52.667	0.00	0.30	0.320	O				0.16
52.750	0.00	0.29	0.318	O				0.16
52.833	0.00	0.29	0.316	O				0.16
52.917	0.00	0.29	0.314	O				0.16
53.000	0.00	0.29	0.312	O				0.16
53.083	0.00	0.29	0.310	O				0.16
53.167	0.00	0.28	0.308	O				0.16
53.250	0.00	0.28	0.306	O				0.16
53.333	0.00	0.28	0.304	O				0.16
53.417	0.00	0.28	0.302	O				0.15
53.500	0.00	0.28	0.300	O				0.15
53.583	0.00	0.28	0.298	O				0.15
53.667	0.00	0.27	0.296	O				0.15
53.750	0.00	0.27	0.294	O				0.15
53.833	0.00	0.27	0.292	O				0.15
53.917	0.00	0.27	0.291	O				0.15
54.000	0.00	0.27	0.289	O				0.15
54.083	0.00	0.27	0.287	O				0.15
54.167	0.00	0.26	0.285	O				0.15
54.250	0.00	0.26	0.283	O				0.15
54.333	0.00	0.26	0.281	O				0.14
54.417	0.00	0.26	0.280	O				0.14
54.500	0.00	0.26	0.278	O				0.14
54.583	0.00	0.26	0.276	O				0.14
54.667	0.00	0.25	0.274	O				0.14
54.750	0.00	0.25	0.273	O				0.14
54.833	0.00	0.25	0.271	O				0.14
54.917	0.00	0.25	0.269	O				0.14
55.000	0.00	0.25	0.267	O				0.14
55.083	0.00	0.25	0.266	O				0.14
55.167	0.00	0.24	0.264	O				0.14
55.250	0.00	0.24	0.262	O				0.13
55.333	0.00	0.24	0.261	O				0.13
55.417	0.00	0.24	0.259	O				0.13
55.500	0.00	0.24	0.257	O				0.13
55.583	0.00	0.24	0.256	O				0.13
55.667	0.00	0.23	0.254	O				0.13
55.750	0.00	0.23	0.253	O				0.13
55.833	0.00	0.23	0.251	O				0.13
55.917	0.00	0.23	0.249	O				0.13
56.000	0.00	0.23	0.248	O				0.13
56.083	0.00	0.23	0.246	O				0.13
56.167	0.00	0.23	0.245	O				0.13
56.250	0.00	0.22	0.243	O				0.12
56.333	0.00	0.22	0.242	O				0.12
56.417	0.00	0.22	0.240	O				0.12
56.500	0.00	0.22	0.238	O				0.12
56.583	0.00	0.22	0.237	O				0.12
56.667	0.00	0.22	0.235	O				0.12
56.750	0.00	0.22	0.234	O				0.12
56.833	0.00	0.21	0.233	O				0.12
56.917	0.00	0.21	0.231	O				0.12
57.000	0.00	0.21	0.230	O				0.12

57.083	0.00	0.21	0.228	O				0.12
57.167	0.00	0.21	0.227	O				0.12
57.250	0.00	0.21	0.225	O				0.12
57.333	0.00	0.21	0.224	O				0.11
57.417	0.00	0.21	0.222	O				0.11
57.500	0.00	0.20	0.221	O				0.11
57.583	0.00	0.20	0.220	O				0.11
57.667	0.00	0.20	0.218	O				0.11
57.750	0.00	0.20	0.217	O				0.11
57.833	0.00	0.20	0.215	O				0.11
57.917	0.00	0.20	0.214	O				0.11
58.000	0.00	0.20	0.213	O				0.11
58.083	0.00	0.20	0.211	O				0.11
58.167	0.00	0.19	0.210	O				0.11
58.250	0.00	0.19	0.209	O				0.11
58.333	0.00	0.19	0.207	O				0.11
58.417	0.00	0.19	0.206	O				0.11
58.500	0.00	0.19	0.205	O				0.11
58.583	0.00	0.19	0.203	O				0.10
58.667	0.00	0.19	0.202	O				0.10
58.750	0.00	0.19	0.201	O				0.10
58.833	0.00	0.18	0.200	O				0.10
58.917	0.00	0.18	0.198	O				0.10
59.000	0.00	0.18	0.197	O				0.10
59.083	0.00	0.18	0.196	O				0.10
59.167	0.00	0.18	0.195	O				0.10
59.250	0.00	0.18	0.193	O				0.10
59.333	0.00	0.18	0.192	O				0.10
59.417	0.00	0.18	0.191	O				0.10
59.500	0.00	0.18	0.190	O				0.10
59.583	0.00	0.17	0.188	O				0.10
59.667	0.00	0.17	0.187	O				0.10
59.750	0.00	0.17	0.186	O				0.10
59.833	0.00	0.17	0.185	O				0.09
59.917	0.00	0.17	0.184	O				0.09
60.000	0.00	0.17	0.183	O				0.09
60.083	0.00	0.17	0.181	O				0.09
60.167	0.00	0.17	0.180	O				0.09
60.250	0.00	0.17	0.179	O				0.09
60.333	0.00	0.16	0.178	O				0.09
60.417	0.00	0.16	0.177	O				0.09
60.500	0.00	0.16	0.176	O				0.09
60.583	0.00	0.16	0.175	O				0.09
60.667	0.00	0.16	0.173	O				0.09
60.750	0.00	0.16	0.172	O				0.09
60.833	0.00	0.16	0.171	O				0.09
60.917	0.00	0.16	0.170	O				0.09
61.000	0.00	0.16	0.169	O				0.09
61.083	0.00	0.16	0.168	O				0.09
61.167	0.00	0.15	0.167	O				0.09
61.250	0.00	0.15	0.166	O				0.09
61.333	0.00	0.15	0.165	O				0.08
61.417	0.00	0.15	0.164	O				0.08
61.500	0.00	0.15	0.163	O				0.08
61.583	0.00	0.15	0.162	O				0.08
61.667	0.00	0.15	0.161	O				0.08
61.750	0.00	0.15	0.160	O				0.08
61.833	0.00	0.15	0.159	O				0.08
61.917	0.00	0.15	0.158	O				0.08
62.000	0.00	0.14	0.157	O				0.08
62.083	0.00	0.14	0.156	O				0.08
62.167	0.00	0.14	0.155	O				0.08
62.250	0.00	0.14	0.154	O				0.08

62.333	0.00	0.14	0.153	O				0.08
62.417	0.00	0.14	0.152	O				0.08
62.500	0.00	0.14	0.151	O				0.08
62.583	0.00	0.14	0.150	O				0.08
62.667	0.00	0.14	0.149	O				0.08
62.750	0.00	0.14	0.148	O				0.08
62.833	0.00	0.14	0.147	O				0.08
62.917	0.00	0.14	0.146	O				0.08
63.000	0.00	0.13	0.145	O				0.07
63.083	0.00	0.13	0.144	O				0.07
63.167	0.00	0.13	0.143	O				0.07
63.250	0.00	0.13	0.142	O				0.07
63.333	0.00	0.13	0.142	O				0.07
63.417	0.00	0.13	0.141	O				0.07
63.500	0.00	0.13	0.140	O				0.07
63.583	0.00	0.13	0.139	O				0.07
63.667	0.00	0.13	0.138	O				0.07
63.750	0.00	0.13	0.137	O				0.07
63.833	0.00	0.13	0.136	O				0.07
63.917	0.00	0.13	0.135	O				0.07
64.000	0.00	0.12	0.135	O				0.07
64.083	0.00	0.12	0.134	O				0.07
64.167	0.00	0.12	0.133	O				0.07
64.250	0.00	0.12	0.132	O				0.07
64.333	0.00	0.12	0.131	O				0.07
64.417	0.00	0.12	0.130	O				0.07
64.500	0.00	0.12	0.129	O				0.07
64.583	0.00	0.12	0.129	O				0.07
64.667	0.00	0.12	0.128	O				0.07
64.750	0.00	0.12	0.127	O				0.07
64.833	0.00	0.12	0.126	O				0.06
64.917	0.00	0.12	0.125	O				0.06
65.000	0.00	0.12	0.125	O				0.06
65.083	0.00	0.11	0.124	O				0.06
65.167	0.00	0.11	0.123	O				0.06
65.250	0.00	0.11	0.122	O				0.06
65.333	0.00	0.11	0.121	O				0.06
65.417	0.00	0.11	0.121	O				0.06
65.500	0.00	0.11	0.120	O				0.06
65.583	0.00	0.11	0.119	O				0.06
65.667	0.00	0.11	0.118	O				0.06
65.750	0.00	0.11	0.118	O				0.06
65.833	0.00	0.11	0.117	O				0.06
65.917	0.00	0.11	0.116	O				0.06
66.000	0.00	0.11	0.115	O				0.06
66.083	0.00	0.11	0.115	O				0.06
66.167	0.00	0.11	0.114	O				0.06
66.250	0.00	0.10	0.113	O				0.06
66.333	0.00	0.10	0.113	O				0.06
66.417	0.00	0.10	0.112	O				0.06
66.500	0.00	0.10	0.111	O				0.06
66.583	0.00	0.10	0.110	O				0.06
66.667	0.00	0.10	0.110	O				0.06
66.750	0.00	0.10	0.109	O				0.06
66.833	0.00	0.10	0.108	O				0.06
66.917	0.00	0.10	0.108	O				0.06
67.000	0.00	0.10	0.107	O				0.05
67.083	0.00	0.10	0.106	O				0.05
67.167	0.00	0.10	0.106	O				0.05
67.250	0.00	0.10	0.105	O				0.05
67.333	0.00	0.10	0.104	O				0.05
67.417	0.00	0.10	0.104	O				0.05
67.500	0.00	0.10	0.103	O				0.05

67.583	0.00	0.09	0.102	O				0.05
67.667	0.00	0.09	0.102	O				0.05
67.750	0.00	0.09	0.101	O				0.05
67.833	0.00	0.09	0.100	O				0.05
67.917	0.00	0.09	0.100	O				0.05
68.000	0.00	0.09	0.099	O				0.05
68.083	0.00	0.09	0.098	O				0.05
68.167	0.00	0.09	0.098	O				0.05
68.250	0.00	0.09	0.097	O				0.05
68.333	0.00	0.09	0.097	O				0.05
68.417	0.00	0.09	0.096	O				0.05
68.500	0.00	0.09	0.095	O				0.05
68.583	0.00	0.09	0.095	O				0.05
68.667	0.00	0.09	0.094	O				0.05
68.750	0.00	0.09	0.094	O				0.05
68.833	0.00	0.09	0.093	O				0.05
68.917	0.00	0.09	0.092	O				0.05
69.000	0.00	0.08	0.092	O				0.05
69.083	0.00	0.08	0.091	O				0.05
69.167	0.00	0.08	0.091	O				0.05
69.250	0.00	0.08	0.090	O				0.05
69.333	0.00	0.08	0.090	O				0.05
69.417	0.00	0.08	0.089	O				0.05
69.500	0.00	0.08	0.088	O				0.05
69.583	0.00	0.08	0.088	O				0.05
69.667	0.00	0.08	0.087	O				0.04
69.750	0.00	0.08	0.087	O				0.04
69.833	0.00	0.08	0.086	O				0.04
69.917	0.00	0.08	0.086	O				0.04
70.000	0.00	0.08	0.085	O				0.04
70.083	0.00	0.08	0.085	O				0.04
70.167	0.00	0.08	0.084	O				0.04
70.250	0.00	0.08	0.083	O				0.04
70.333	0.00	0.08	0.083	O				0.04
70.417	0.00	0.08	0.082	O				0.04
70.500	0.00	0.08	0.082	O				0.04
70.583	0.00	0.08	0.081	O				0.04
70.667	0.00	0.07	0.081	O				0.04
70.750	0.00	0.07	0.080	O				0.04
70.833	0.00	0.07	0.080	O				0.04
70.917	0.00	0.07	0.079	O				0.04
71.000	0.00	0.07	0.079	O				0.04
71.083	0.00	0.07	0.078	O				0.04
71.167	0.00	0.07	0.078	O				0.04
71.250	0.00	0.07	0.077	O				0.04
71.333	0.00	0.07	0.077	O				0.04
71.417	0.00	0.07	0.076	O				0.04
71.500	0.00	0.07	0.076	O				0.04
71.583	0.00	0.07	0.075	O				0.04
71.667	0.00	0.07	0.075	O				0.04
71.750	0.00	0.07	0.074	O				0.04
71.833	0.00	0.07	0.074	O				0.04
71.917	0.00	0.07	0.073	O				0.04
72.000	0.00	0.07	0.073	O				0.04
72.083	0.00	0.07	0.073	O				0.04
72.167	0.00	0.07	0.072	O				0.04
72.250	0.00	0.07	0.072	O				0.04
72.333	0.00	0.07	0.071	O				0.04
72.417	0.00	0.07	0.071	O				0.04
72.500	0.00	0.06	0.070	O				0.04
72.583	0.00	0.06	0.070	O				0.04
72.667	0.00	0.06	0.069	O				0.04
72.750	0.00	0.06	0.069	O				0.04

72.833	0.00	0.06	0.069	O					0.04
72.917	0.00	0.06	0.068	O					0.03
73.000	0.00	0.06	0.068	O					0.03
73.083	0.00	0.06	0.067	O					0.03
73.167	0.00	0.06	0.067	O					0.03
73.250	0.00	0.06	0.066	O					0.03
73.333	0.00	0.06	0.066	O					0.03
73.417	0.00	0.06	0.066	O					0.03
73.500	0.00	0.06	0.065	O					0.03
73.583	0.00	0.06	0.065	O					0.03
73.667	0.00	0.06	0.064	O					0.03
73.750	0.00	0.06	0.064	O					0.03
73.833	0.00	0.06	0.063	O					0.03
73.917	0.00	0.06	0.063	O					0.03
74.000	0.00	0.06	0.063	O					0.03
74.083	0.00	0.06	0.062	O					0.03
74.167	0.00	0.06	0.062	O					0.03
74.250	0.00	0.06	0.061	O					0.03
74.333	0.00	0.06	0.061	O					0.03
74.417	0.00	0.06	0.061	O					0.03
74.500	0.00	0.06	0.060	O					0.03
74.583	0.00	0.06	0.060	O					0.03
74.667	0.00	0.06	0.060	O					0.03
74.750	0.00	0.05	0.059	O					0.03
74.833	0.00	0.05	0.059	O					0.03
74.917	0.00	0.05	0.058	O					0.03
75.000	0.00	0.05	0.058	O					0.03
75.083	0.00	0.05	0.058	O					0.03
75.167	0.00	0.05	0.057	O					0.03
75.250	0.00	0.05	0.057	O					0.03
75.333	0.00	0.05	0.057	O					0.03
75.417	0.00	0.05	0.056	O					0.03
75.500	0.00	0.05	0.056	O					0.03
75.583	0.00	0.05	0.056	O					0.03
75.667	0.00	0.05	0.055	O					0.03
75.750	0.00	0.05	0.055	O					0.03
75.833	0.00	0.05	0.054	O					0.03
75.917	0.00	0.05	0.054	O					0.03
76.000	0.00	0.05	0.054	O					0.03
76.083	0.00	0.05	0.053	O					0.03
76.167	0.00	0.05	0.053	O					0.03
76.250	0.00	0.05	0.053	O					0.03
76.333	0.00	0.05	0.052	O					0.03
76.417	0.00	0.05	0.052	O					0.03
76.500	0.00	0.05	0.052	O					0.03
76.583	0.00	0.05	0.051	O					0.03
76.667	0.00	0.05	0.051	O					0.03
76.750	0.00	0.05	0.051	O					0.03
76.833	0.00	0.05	0.050	O					0.03
76.917	0.00	0.05	0.050	O					0.03
77.000	0.00	0.05	0.050	O					0.03
77.083	0.00	0.05	0.050	O					0.03
77.167	0.00	0.05	0.049	O					0.03
77.250	0.00	0.05	0.049	O					0.03
77.333	0.00	0.04	0.049	O					0.02
77.417	0.00	0.04	0.048	O					0.02
77.500	0.00	0.04	0.048	O					0.02
77.583	0.00	0.04	0.048	O					0.02
77.667	0.00	0.04	0.047	O					0.02
77.750	0.00	0.04	0.047	O					0.02
77.833	0.00	0.04	0.047	O					0.02
77.917	0.00	0.04	0.046	O					0.02
78.000	0.00	0.04	0.046	O					0.02

78.083	0.00	0.04	0.046	O					0.02
78.167	0.00	0.04	0.046	O					0.02
78.250	0.00	0.04	0.045	O					0.02
78.333	0.00	0.04	0.045	O					0.02
78.417	0.00	0.04	0.045	O					0.02
78.500	0.00	0.04	0.044	O					0.02
78.583	0.00	0.04	0.044	O					0.02
78.667	0.00	0.04	0.044	O					0.02
78.750	0.00	0.04	0.044	O					0.02
78.833	0.00	0.04	0.043	O					0.02
78.917	0.00	0.04	0.043	O					0.02
79.000	0.00	0.04	0.043	O					0.02
79.083	0.00	0.04	0.043	O					0.02
79.167	0.00	0.04	0.042	O					0.02
79.250	0.00	0.04	0.042	O					0.02
79.333	0.00	0.04	0.042	O					0.02
79.417	0.00	0.04	0.041	O					0.02
79.500	0.00	0.04	0.041	O					0.02
79.583	0.00	0.04	0.041	O					0.02
79.667	0.00	0.04	0.041	O					0.02
79.750	0.00	0.04	0.040	O					0.02
79.833	0.00	0.04	0.040	O					0.02
79.917	0.00	0.04	0.040	O					0.02
80.000	0.00	0.04	0.040	O					0.02
80.083	0.00	0.04	0.039	O					0.02
80.167	0.00	0.04	0.039	O					0.02
80.250	0.00	0.04	0.039	O					0.02
80.333	0.00	0.04	0.039	O					0.02
80.417	0.00	0.04	0.038	O					0.02
80.500	0.00	0.04	0.038	O					0.02
80.583	0.00	0.04	0.038	O					0.02
80.667	0.00	0.03	0.038	O					0.02
80.750	0.00	0.03	0.037	O					0.02
80.833	0.00	0.03	0.037	O					0.02
80.917	0.00	0.03	0.037	O					0.02
81.000	0.00	0.03	0.037	O					0.02
81.083	0.00	0.03	0.036	O					0.02
81.167	0.00	0.03	0.036	O					0.02
81.250	0.00	0.03	0.036	O					0.02
81.333	0.00	0.03	0.036	O					0.02
81.417	0.00	0.03	0.036	O					0.02
81.500	0.00	0.03	0.035	O					0.02
81.583	0.00	0.03	0.035	O					0.02
81.667	0.00	0.03	0.035	O					0.02
81.750	0.00	0.03	0.035	O					0.02
81.833	0.00	0.03	0.034	O					0.02
81.917	0.00	0.03	0.034	O					0.02
82.000	0.00	0.03	0.034	O					0.02
82.083	0.00	0.03	0.034	O					0.02
82.167	0.00	0.03	0.034	O					0.02
82.250	0.00	0.03	0.033	O					0.02
82.333	0.00	0.03	0.033	O					0.02
82.417	0.00	0.03	0.033	O					0.02
82.500	0.00	0.03	0.033	O					0.02
82.583	0.00	0.03	0.033	O					0.02
82.667	0.00	0.03	0.032	O					0.02
82.750	0.00	0.03	0.032	O					0.02
82.833	0.00	0.03	0.032	O					0.02
82.917	0.00	0.03	0.032	O					0.02
83.000	0.00	0.03	0.032	O					0.02
83.083	0.00	0.03	0.031	O					0.02
83.167	0.00	0.03	0.031	O					0.02
83.250	0.00	0.03	0.031	O					0.02

83.333	0.00	0.03	0.031	O				0.02
83.417	0.00	0.03	0.031	O				0.02
83.500	0.00	0.03	0.030	O				0.02
83.583	0.00	0.03	0.030	O				0.02
83.667	0.00	0.03	0.030	O				0.02
83.750	0.00	0.03	0.030	O				0.02
83.833	0.00	0.03	0.030	O				0.02
83.917	0.00	0.03	0.029	O				0.02
84.000	0.00	0.03	0.029	O				0.01
84.083	0.00	0.03	0.029	O				0.01
84.167	0.00	0.03	0.029	O				0.01
84.250	0.00	0.03	0.029	O				0.01
84.333	0.00	0.03	0.028	O				0.01
84.417	0.00	0.03	0.028	O				0.01
84.500	0.00	0.03	0.028	O				0.01
84.583	0.00	0.03	0.028	O				0.01
84.667	0.00	0.03	0.028	O				0.01
84.750	0.00	0.03	0.028	O				0.01
84.833	0.00	0.03	0.027	O				0.01
84.917	0.00	0.03	0.027	O				0.01
85.000	0.00	0.03	0.027	O				0.01
85.083	0.00	0.02	0.027	O				0.01
85.167	0.00	0.02	0.027	O				0.01
85.250	0.00	0.02	0.027	O				0.01
85.333	0.00	0.02	0.026	O				0.01
85.417	0.00	0.02	0.026	O				0.01
85.500	0.00	0.02	0.026	O				0.01
85.583	0.00	0.02	0.026	O				0.01
85.667	0.00	0.02	0.026	O				0.01
85.750	0.00	0.02	0.026	O				0.01
85.833	0.00	0.02	0.025	O				0.01
85.917	0.00	0.02	0.025	O				0.01
86.000	0.00	0.02	0.025	O				0.01
86.083	0.00	0.02	0.025	O				0.01
86.167	0.00	0.02	0.025	O				0.01
86.250	0.00	0.02	0.025	O				0.01
86.333	0.00	0.02	0.024	O				0.01
86.417	0.00	0.02	0.024	O				0.01
86.500	0.00	0.02	0.024	O				0.01
86.583	0.00	0.02	0.024	O				0.01
86.667	0.00	0.02	0.024	O				0.01
86.750	0.00	0.02	0.024	O				0.01
86.833	0.00	0.02	0.024	O				0.01
86.917	0.00	0.02	0.023	O				0.01
87.000	0.00	0.02	0.023	O				0.01
87.083	0.00	0.02	0.023	O				0.01
87.167	0.00	0.02	0.023	O				0.01
87.250	0.00	0.02	0.023	O				0.01
87.333	0.00	0.02	0.023	O				0.01
87.417	0.00	0.02	0.022	O				0.01
87.500	0.00	0.02	0.022	O				0.01
87.583	0.00	0.02	0.022	O				0.01
87.667	0.00	0.02	0.022	O				0.01
87.750	0.00	0.02	0.022	O				0.01
87.833	0.00	0.02	0.022	O				0.01
87.917	0.00	0.02	0.022	O				0.01
88.000	0.00	0.02	0.022	O				0.01
88.083	0.00	0.02	0.021	O				0.01
88.167	0.00	0.02	0.021	O				0.01
88.250	0.00	0.02	0.021	O				0.01
88.333	0.00	0.02	0.021	O				0.01
88.417	0.00	0.02	0.021	O				0.01
88.500	0.00	0.02	0.021	O				0.01

88.583	0.00	0.02	0.021	O				0.01
88.667	0.00	0.02	0.020	O				0.01
88.750	0.00	0.02	0.020	O				0.01
88.833	0.00	0.02	0.020	O				0.01
88.917	0.00	0.02	0.020	O				0.01
89.000	0.00	0.02	0.020	O				0.01
89.083	0.00	0.02	0.020	O				0.01
89.167	0.00	0.02	0.020	O				0.01
89.250	0.00	0.02	0.020	O				0.01
89.333	0.00	0.02	0.019	O				0.01
89.417	0.00	0.02	0.019	O				0.01
89.500	0.00	0.02	0.019	O				0.01
89.583	0.00	0.02	0.019	O				0.01
89.667	0.00	0.02	0.019	O				0.01
89.750	0.00	0.02	0.019	O				0.01
89.833	0.00	0.02	0.019	O				0.01
89.917	0.00	0.02	0.019	O				0.01
90.000	0.00	0.02	0.018	O				0.01
90.083	0.00	0.02	0.018	O				0.01
90.167	0.00	0.02	0.018	O				0.01
90.250	0.00	0.02	0.018	O				0.01
90.333	0.00	0.02	0.018	O				0.01
90.417	0.00	0.02	0.018	O				0.01
90.500	0.00	0.02	0.018	O				0.01
90.583	0.00	0.02	0.018	O				0.01
90.667	0.00	0.02	0.018	O				0.01
90.750	0.00	0.02	0.017	O				0.01
90.833	0.00	0.02	0.017	O				0.01
90.917	0.00	0.02	0.017	O				0.01
91.000	0.00	0.02	0.017	O				0.01
91.083	0.00	0.02	0.017	O				0.01
91.167	0.00	0.02	0.017	O				0.01
91.250	0.00	0.02	0.017	O				0.01
91.333	0.00	0.02	0.017	O				0.01
91.417	0.00	0.02	0.017	O				0.01
91.500	0.00	0.02	0.016	O				0.01
91.583	0.00	0.02	0.016	O				0.01
91.667	0.00	0.02	0.016	O				0.01
91.750	0.00	0.01	0.016	O				0.01
91.833	0.00	0.01	0.016	O				0.01
91.917	0.00	0.01	0.016	O				0.01
92.000	0.00	0.01	0.016	O				0.01
92.083	0.00	0.01	0.016	O				0.01
92.167	0.00	0.01	0.016	O				0.01
92.250	0.00	0.01	0.016	O				0.01
92.333	0.00	0.01	0.015	O				0.01
92.417	0.00	0.01	0.015	O				0.01
92.500	0.00	0.01	0.015	O				0.01
92.583	0.00	0.01	0.015	O				0.01
92.667	0.00	0.01	0.015	O				0.01
92.750	0.00	0.01	0.015	O				0.01
92.833	0.00	0.01	0.015	O				0.01
92.917	0.00	0.01	0.015	O				0.01
93.000	0.00	0.01	0.015	O				0.01
93.083	0.00	0.01	0.015	O				0.01
93.167	0.00	0.01	0.015	O				0.01
93.250	0.00	0.01	0.014	O				0.01
93.333	0.00	0.01	0.014	O				0.01
93.417	0.00	0.01	0.014	O				0.01
93.500	0.00	0.01	0.014	O				0.01
93.583	0.00	0.01	0.014	O				0.01
93.667	0.00	0.01	0.014	O				0.01
93.750	0.00	0.01	0.014	O				0.01

93.833	0.00	0.01	0.014	O				0.01
93.917	0.00	0.01	0.014	O				0.01
94.000	0.00	0.01	0.014	O				0.01
94.083	0.00	0.01	0.014	O				0.01
94.167	0.00	0.01	0.013	O				0.01
94.250	0.00	0.01	0.013	O				0.01
94.333	0.00	0.01	0.013	O				0.01
94.417	0.00	0.01	0.013	O				0.01
94.500	0.00	0.01	0.013	O				0.01
94.583	0.00	0.01	0.013	O				0.01
94.667	0.00	0.01	0.013	O				0.01
94.750	0.00	0.01	0.013	O				0.01
94.833	0.00	0.01	0.013	O				0.01
94.917	0.00	0.01	0.013	O				0.01
95.000	0.00	0.01	0.013	O				0.01
95.083	0.00	0.01	0.013	O				0.01
95.167	0.00	0.01	0.012	O				0.01
95.250	0.00	0.01	0.012	O				0.01
95.333	0.00	0.01	0.012	O				0.01
95.417	0.00	0.01	0.012	O				0.01
95.500	0.00	0.01	0.012	O				0.01
95.583	0.00	0.01	0.012	O				0.01
95.667	0.00	0.01	0.012	O				0.01
95.750	0.00	0.01	0.012	O				0.01
95.833	0.00	0.01	0.012	O				0.01
95.917	0.00	0.01	0.012	O				0.01
96.000	0.00	0.01	0.012	O				0.01
96.083	0.00	0.01	0.012	O				0.01
96.167	0.00	0.01	0.012	O				0.01
96.250	0.00	0.01	0.011	O				0.01
96.333	0.00	0.01	0.011	O				0.01
96.417	0.00	0.01	0.011	O				0.01
96.500	0.00	0.01	0.011	O				0.01
96.583	0.00	0.01	0.011	O				0.01
96.667	0.00	0.01	0.011	O				0.01
96.750	0.00	0.01	0.011	O				0.01
96.833	0.00	0.01	0.011	O				0.01
96.917	0.00	0.01	0.011	O				0.01
97.000	0.00	0.01	0.011	O				0.01
97.083	0.00	0.01	0.011	O				0.01
97.167	0.00	0.01	0.011	O				0.01
97.250	0.00	0.01	0.011	O				0.01
97.333	0.00	0.01	0.011	O				0.01
97.417	0.00	0.01	0.010	O				0.01
97.500	0.00	0.01	0.010	O				0.01
97.583	0.00	0.01	0.010	O				0.01
97.667	0.00	0.01	0.010	O				0.01
97.750	0.00	0.01	0.010	O				0.01
97.833	0.00	0.01	0.010	O				0.01
97.917	0.00	0.01	0.010	O				0.01
98.000	0.00	0.01	0.010	O				0.01
98.083	0.00	0.01	0.010	O				0.01
98.167	0.00	0.01	0.010	O				0.01
98.250	0.00	0.01	0.010	O				0.01
98.333	0.00	0.01	0.010	O				0.01
98.417	0.00	0.01	0.010	O				0.00
98.500	0.00	0.01	0.010	O				0.00
98.583	0.00	0.01	0.010	O				0.00
98.667	0.00	0.01	0.010	O				0.00
98.750	0.00	0.01	0.009	O				0.00
98.833	0.00	0.01	0.009	O				0.00
98.917	0.00	0.01	0.009	O				0.00
99.000	0.00	0.01	0.009	O				0.00

99.083	0.00	0.01	0.009	O					0.00
99.167	0.00	0.01	0.009	O					0.00
99.250	0.00	0.01	0.009	O					0.00
99.333	0.00	0.01	0.009	O					0.00
99.417	0.00	0.01	0.009	O					0.00
99.500	0.00	0.01	0.009	O					0.00
99.583	0.00	0.01	0.009	O					0.00
99.667	0.00	0.01	0.009	O					0.00
99.750	0.00	0.01	0.009	O					0.00
99.833	0.00	0.01	0.009	O					0.00
99.917	0.00	0.01	0.009	O					0.00
100.000	0.00	0.01	0.009	O					0.00
100.083	0.00	0.01	0.009	O					0.00
100.167	0.00	0.01	0.008	O					0.00
100.250	0.00	0.01	0.008	O					0.00
100.333	0.00	0.01	0.008	O					0.00
100.417	0.00	0.01	0.008	O					0.00
100.500	0.00	0.01	0.008	O					0.00
100.583	0.00	0.01	0.008	O					0.00
100.667	0.00	0.01	0.008	O					0.00
100.750	0.00	0.01	0.008	O					0.00
100.833	0.00	0.01	0.008	O					0.00
100.917	0.00	0.01	0.008	O					0.00
101.000	0.00	0.01	0.008	O					0.00
101.083	0.00	0.01	0.008	O					0.00
101.167	0.00	0.01	0.008	O					0.00
101.250	0.00	0.01	0.008	O					0.00
101.333	0.00	0.01	0.008	O					0.00
101.417	0.00	0.01	0.008	O					0.00
101.500	0.00	0.01	0.008	O					0.00
101.583	0.00	0.01	0.008	O					0.00
101.667	0.00	0.01	0.008	O					0.00
101.750	0.00	0.01	0.008	O					0.00
101.833	0.00	0.01	0.007	O					0.00
101.917	0.00	0.01	0.007	O					0.00
102.000	0.00	0.01	0.007	O					0.00
102.083	0.00	0.01	0.007	O					0.00
102.167	0.00	0.01	0.007	O					0.00
102.250	0.00	0.01	0.007	O					0.00
102.333	0.00	0.01	0.007	O					0.00
102.417	0.00	0.01	0.007	O					0.00
102.500	0.00	0.01	0.007	O					0.00
102.583	0.00	0.01	0.007	O					0.00
102.667	0.00	0.01	0.007	O					0.00
102.750	0.00	0.01	0.007	O					0.00
102.833	0.00	0.01	0.007	O					0.00
102.917	0.00	0.01	0.007	O					0.00
103.000	0.00	0.01	0.007	O					0.00
103.083	0.00	0.01	0.007	O					0.00
103.167	0.00	0.01	0.007	O					0.00
103.250	0.00	0.01	0.007	O					0.00
103.333	0.00	0.01	0.007	O					0.00
103.417	0.00	0.01	0.007	O					0.00
103.500	0.00	0.01	0.007	O					0.00
103.583	0.00	0.01	0.007	O					0.00
103.667	0.00	0.01	0.007	O					0.00
103.750	0.00	0.01	0.006	O					0.00
103.833	0.00	0.01	0.006	O					0.00
103.917	0.00	0.01	0.006	O					0.00
104.000	0.00	0.01	0.006	O					0.00
104.083	0.00	0.01	0.006	O					0.00
104.167	0.00	0.01	0.006	O					0.00
104.250	0.00	0.01	0.006	O					0.00

104.333	0.00	0.01	0.006	O					0.00
104.417	0.00	0.01	0.006	O					0.00
104.500	0.00	0.01	0.006	O					0.00
104.583	0.00	0.01	0.006	O					0.00
104.667	0.00	0.01	0.006	O					0.00
104.750	0.00	0.01	0.006	O					0.00
104.833	0.00	0.01	0.006	O					0.00
104.917	0.00	0.01	0.006	O					0.00
105.000	0.00	0.01	0.006	O					0.00
105.083	0.00	0.01	0.006	O					0.00
105.167	0.00	0.01	0.006	O					0.00
105.250	0.00	0.01	0.006	O					0.00
105.333	0.00	0.01	0.006	O					0.00
105.417	0.00	0.01	0.006	O					0.00
105.500	0.00	0.01	0.006	O					0.00
105.583	0.00	0.01	0.006	O					0.00
105.667	0.00	0.01	0.006	O					0.00
105.750	0.00	0.01	0.006	O					0.00
105.833	0.00	0.01	0.006	O					0.00
105.917	0.00	0.01	0.005	O					0.00
106.000	0.00	0.01	0.005	O					0.00
106.083	0.00	0.00	0.005	O					0.00
106.167	0.00	0.00	0.005	O					0.00
106.250	0.00	0.00	0.005	O					0.00
106.333	0.00	0.00	0.005	O					0.00
106.417	0.00	0.00	0.005	O					0.00
106.500	0.00	0.00	0.005	O					0.00
106.583	0.00	0.00	0.005	O					0.00
106.667	0.00	0.00	0.005	O					0.00
106.750	0.00	0.00	0.005	O					0.00
106.833	0.00	0.00	0.005	O					0.00
106.917	0.00	0.00	0.005	O					0.00
107.000	0.00	0.00	0.005	O					0.00
107.083	0.00	0.00	0.005	O					0.00
107.167	0.00	0.00	0.005	O					0.00
107.250	0.00	0.00	0.005	O					0.00
107.333	0.00	0.00	0.005	O					0.00
107.417	0.00	0.00	0.005	O					0.00
107.500	0.00	0.00	0.005	O					0.00
107.583	0.00	0.00	0.005	O					0.00
107.667	0.00	0.00	0.005	O					0.00
107.750	0.00	0.00	0.005	O					0.00
107.833	0.00	0.00	0.005	O					0.00
107.917	0.00	0.00	0.005	O					0.00
108.000	0.00	0.00	0.005	O					0.00
108.083	0.00	0.00	0.005	O					0.00
108.167	0.00	0.00	0.005	O					0.00
108.250	0.00	0.00	0.005	O					0.00
108.333	0.00	0.00	0.005	O					0.00
108.417	0.00	0.00	0.005	O					0.00
108.500	0.00	0.00	0.004	O					0.00
108.583	0.00	0.00	0.004	O					0.00
108.667	0.00	0.00	0.004	O					0.00
108.750	0.00	0.00	0.004	O					0.00
108.833	0.00	0.00	0.004	O					0.00
108.917	0.00	0.00	0.004	O					0.00
109.000	0.00	0.00	0.004	O					0.00
109.083	0.00	0.00	0.004	O					0.00
109.167	0.00	0.00	0.004	O					0.00
109.250	0.00	0.00	0.004	O					0.00
109.333	0.00	0.00	0.004	O					0.00
109.417	0.00	0.00	0.004	O					0.00
109.500	0.00	0.00	0.004	O					0.00

109.583	0.00	0.00	0.004	O	|	|	|	|	0.00
109.667	0.00	0.00	0.004	O	|	|	|	|	0.00
109.750	0.00	0.00	0.004	O	|	|	|	|	0.00
109.833	0.00	0.00	0.004	O	|	|	|	|	0.00
109.917	0.00	0.00	0.004	O	|	|	|	|	0.00
110.000	0.00	0.00	0.004	O	|	|	|	|	0.00
110.083	0.00	0.00	0.004	O	|	|	|	|	0.00
110.167	0.00	0.00	0.004	O	|	|	|	|	0.00
110.250	0.00	0.00	0.004	O	|	|	|	|	0.00
110.333	0.00	0.00	0.004	O	|	|	|	|	0.00
110.417	0.00	0.00	0.004	O	|	|	|	|	0.00
110.500	0.00	0.00	0.004	O	|	|	|	|	0.00
110.583	0.00	0.00	0.004	O	|	|	|	|	0.00
110.667	0.00	0.00	0.004	O	|	|	|	|	0.00
110.750	0.00	0.00	0.004	O	|	|	|	|	0.00
110.833	0.00	0.00	0.004	O	|	|	|	|	0.00
110.917	0.00	0.00	0.004	O	|	|	|	|	0.00
111.000	0.00	0.00	0.004	O	|	|	|	|	0.00
111.083	0.00	0.00	0.004	O	|	|	|	|	0.00
111.167	0.00	0.00	0.004	O	|	|	|	|	0.00
111.250	0.00	0.00	0.004	O	|	|	|	|	0.00
111.333	0.00	0.00	0.004	O	|	|	|	|	0.00
111.417	0.00	0.00	0.004	O	|	|	|	|	0.00
111.500	0.00	0.00	0.004	O	|	|	|	|	0.00
111.583	0.00	0.00	0.004	O	|	|	|	|	0.00
111.667	0.00	0.00	0.004	O	|	|	|	|	0.00
111.750	0.00	0.00	0.004	O	|	|	|	|	0.00
111.833	0.00	0.00	0.003	O	|	|	|	|	0.00
111.917	0.00	0.00	0.003	O	|	|	|	|	0.00
112.000	0.00	0.00	0.003	O	|	|	|	|	0.00
112.083	0.00	0.00	0.003	O	|	|	|	|	0.00
112.167	0.00	0.00	0.003	O	|	|	|	|	0.00
112.250	0.00	0.00	0.003	O	|	|	|	|	0.00
112.333	0.00	0.00	0.003	O	|	|	|	|	0.00
112.417	0.00	0.00	0.003	O	|	|	|	|	0.00
112.500	0.00	0.00	0.003	O	|	|	|	|	0.00
112.583	0.00	0.00	0.003	O	|	|	|	|	0.00
112.667	0.00	0.00	0.003	O	|	|	|	|	0.00
112.750	0.00	0.00	0.003	O	|	|	|	|	0.00
112.833	0.00	0.00	0.003	O	|	|	|	|	0.00
112.917	0.00	0.00	0.003	O	|	|	|	|	0.00
113.000	0.00	0.00	0.003	O	|	|	|	|	0.00
113.083	0.00	0.00	0.003	O	|	|	|	|	0.00
113.167	0.00	0.00	0.003	O	|	|	|	|	0.00
113.250	0.00	0.00	0.003	O	|	|	|	|	0.00
113.333	0.00	0.00	0.003	O	|	|	|	|	0.00
113.417	0.00	0.00	0.003	O	|	|	|	|	0.00
113.500	0.00	0.00	0.003	O	|	|	|	|	0.00
113.583	0.00	0.00	0.003	O	|	|	|	|	0.00
113.667	0.00	0.00	0.003	O	|	|	|	|	0.00
113.750	0.00	0.00	0.003	O	|	|	|	|	0.00
113.833	0.00	0.00	0.003	O	|	|	|	|	0.00
113.917	0.00	0.00	0.003	O	|	|	|	|	0.00
114.000	0.00	0.00	0.003	O	|	|	|	|	0.00
114.083	0.00	0.00	0.003	O	|	|	|	|	0.00
114.167	0.00	0.00	0.003	O	|	|	|	|	0.00
114.250	0.00	0.00	0.003	O	|	|	|	|	0.00
114.333	0.00	0.00	0.003	O	|	|	|	|	0.00
114.417	0.00	0.00	0.003	O	|	|	|	|	0.00
114.500	0.00	0.00	0.003	O	|	|	|	|	0.00
114.583	0.00	0.00	0.003	O	|	|	|	|	0.00
114.667	0.00	0.00	0.003	O	|	|	|	|	0.00
114.750	0.00	0.00	0.003	O	|	|	|	|	0.00

114.833	0.00	0.00	0.003	O	|	|	|	|	0.00
114.917	0.00	0.00	0.003	O	|	|	|	|	0.00
115.000	0.00	0.00	0.003	O	|	|	|	|	0.00
115.083	0.00	0.00	0.003	O	|	|	|	|	0.00
115.167	0.00	0.00	0.003	O	|	|	|	|	0.00
115.250	0.00	0.00	0.003	O	|	|	|	|	0.00
115.333	0.00	0.00	0.003	O	|	|	|	|	0.00
115.417	0.00	0.00	0.003	O	|	|	|	|	0.00
115.500	0.00	0.00	0.003	O	|	|	|	|	0.00
115.583	0.00	0.00	0.003	O	|	|	|	|	0.00
115.667	0.00	0.00	0.003	O	|	|	|	|	0.00
115.750	0.00	0.00	0.003	O	|	|	|	|	0.00
115.833	0.00	0.00	0.003	O	|	|	|	|	0.00
115.917	0.00	0.00	0.003	O	|	|	|	|	0.00
116.000	0.00	0.00	0.003	O	|	|	|	|	0.00
116.083	0.00	0.00	0.003	O	|	|	|	|	0.00
116.167	0.00	0.00	0.003	O	|	|	|	|	0.00
116.250	0.00	0.00	0.002	O	|	|	|	|	0.00
116.333	0.00	0.00	0.002	O	|	|	|	|	0.00
116.417	0.00	0.00	0.002	O	|	|	|	|	0.00
116.500	0.00	0.00	0.002	O	|	|	|	|	0.00
116.583	0.00	0.00	0.002	O	|	|	|	|	0.00
116.667	0.00	0.00	0.002	O	|	|	|	|	0.00
116.750	0.00	0.00	0.002	O	|	|	|	|	0.00
116.833	0.00	0.00	0.002	O	|	|	|	|	0.00
116.917	0.00	0.00	0.002	O	|	|	|	|	0.00
117.000	0.00	0.00	0.002	O	|	|	|	|	0.00
117.083	0.00	0.00	0.002	O	|	|	|	|	0.00
117.167	0.00	0.00	0.002	O	|	|	|	|	0.00
117.250	0.00	0.00	0.002	O	|	|	|	|	0.00
117.333	0.00	0.00	0.002	O	|	|	|	|	0.00
117.417	0.00	0.00	0.002	O	|	|	|	|	0.00
117.500	0.00	0.00	0.002	O	|	|	|	|	0.00
117.583	0.00	0.00	0.002	O	|	|	|	|	0.00
117.667	0.00	0.00	0.002	O	|	|	|	|	0.00
117.750	0.00	0.00	0.002	O	|	|	|	|	0.00
117.833	0.00	0.00	0.002	O	|	|	|	|	0.00
117.917	0.00	0.00	0.002	O	|	|	|	|	0.00
118.000	0.00	0.00	0.002	O	|	|	|	|	0.00
118.083	0.00	0.00	0.002	O	|	|	|	|	0.00
118.167	0.00	0.00	0.002	O	|	|	|	|	0.00
118.250	0.00	0.00	0.002	O	|	|	|	|	0.00
118.333	0.00	0.00	0.002	O	|	|	|	|	0.00
118.417	0.00	0.00	0.002	O	|	|	|	|	0.00
118.500	0.00	0.00	0.002	O	|	|	|	|	0.00
118.583	0.00	0.00	0.002	O	|	|	|	|	0.00
118.667	0.00	0.00	0.002	O	|	|	|	|	0.00
118.750	0.00	0.00	0.002	O	|	|	|	|	0.00
118.833	0.00	0.00	0.002	O	|	|	|	|	0.00
118.917	0.00	0.00	0.002	O	|	|	|	|	0.00
119.000	0.00	0.00	0.002	O	|	|	|	|	0.00
119.083	0.00	0.00	0.002	O	|	|	|	|	0.00
119.167	0.00	0.00	0.002	O	|	|	|	|	0.00
119.250	0.00	0.00	0.002	O	|	|	|	|	0.00
119.333	0.00	0.00	0.002	O	|	|	|	|	0.00
119.417	0.00	0.00	0.002	O	|	|	|	|	0.00
119.500	0.00	0.00	0.002	O	|	|	|	|	0.00

Remaining water in basin = 0.00 (Ac.Ft)

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

```
              Number of intervals =  1434
              Time interval =    5.0 (Min.)
              Maximum/Peak flow rate =        2.847 (CFS)
              Total volume =       6.571 (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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                  FLOOD HYDROGRAPH ROUTING PROGRAM
            Copyright (c) CIVILCADD/CIVILDESIGN, 1989 - 2005
                        Study date: 04/03/24

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Keller Crossing, Tr. 38163
WQ - Detention Basin Routing Area C onsite
Detention Basin C full with DCV at 1426
5-year 24-hour storm Inflow Hydrograph



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Program License Serial Number 4029

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

             From study/file name: 907hydc5pr245.rte
****************************HYDROGRAPH DATA*****************************
             Number of intervals =   296
             Time interval =    5.0 (Min.)
             Maximum/Peak flow rate =       17.370 (CFS)
             Total volume =      10.617 (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       10.000 to Point/Station       11.000
**** RETARDING BASIN ROUTING ****
________________________________________________________________________

User entry of depth-outflow-storage data
------------------------------------------------------------------------
Total number of inflow hydrograph intervals = 296
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  Storage    Outflow    (S-O*dt/2)    (S+O*dt/2)
     (Ft.)    (Ac.Ft)    (CFS)      (Ac.Ft)     (Ac.Ft)
------------------------------------------------------------------------
   0.000      0.000      0.000      0.000        0.000
   1.000      1.948      1.800      1.942        1.954
   2.000      4.304      2.020      4.297        4.311
   3.000      7.054      3.480      7.042        7.066
   4.000     10.094     49.260      9.924       10.264
```

4.500	11.710	87.250	11.410	12.010
5.000	13.325	331.310	12.184	14.466
6.000	16.754	1244.540	12.468	21.040

Hydrograph Detention Basin Routing

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

Time (Hours)	Inflow (CFS)	Outflow (CFS)	Storage (Ac.Ft)	.0	4.3	8.68	13.03	17.37	Depth (Ft.)
0.083	0.18	0.00	0.001	O	|	|	|	|	0.00
0.167	0.67	0.00	0.003	OI	|	|	|	|	0.00
0.250	0.84	0.01	0.009	OI	|	|	|	|	0.00
0.333	1.00	0.01	0.015	OI	|	|	|	|	0.01
0.417	1.29	0.02	0.023	O I	|	|	|	|	0.01
0.500	1.41	0.03	0.032	O I	|	|	|	|	0.02
0.583	1.46	0.04	0.041	O I	|	|	|	|	0.02
0.667	1.50	0.05	0.051	O I	|	|	|	|	0.03
0.750	1.52	0.06	0.061	O I	|	|	|	|	0.03
0.833	1.62	0.07	0.072	O I	|	|	|	|	0.04
0.917	1.87	0.08	0.083	O I	|	|	|	|	0.04
1.000	1.96	0.09	0.096	O I	|	|	|	|	0.05
1.083	1.91	0.10	0.109	O I	|	|	|	|	0.06
1.167	1.69	0.11	0.120	O I	|	|	|	|	0.06
1.250	1.62	0.12	0.131	O I	|	|	|	|	0.07
1.333	1.59	0.13	0.141	O I	|	|	|	|	0.07
1.417	1.57	0.14	0.151	O I	|	|	|	|	0.08
1.500	1.56	0.15	0.161	O I	|	|	|	|	0.08
1.583	1.55	0.16	0.170	O I	|	|	|	|	0.09
1.667	1.55	0.17	0.180	O I	|	|	|	|	0.09
1.750	1.54	0.18	0.189	O I	|	|	|	|	0.10
1.833	1.63	0.18	0.199	O I	|	|	|	|	0.10
1.917	1.87	0.19	0.210	O I	|	|	|	|	0.11
2.000	1.96	0.20	0.222	O I	|	|	|	|	0.11
2.083	2.00	0.22	0.234	O I	|	|	|	|	0.12
2.167	2.02	0.23	0.246	O I	|	|	|	|	0.13
2.250	2.04	0.24	0.259	O I	|	|	|	|	0.13
2.333	2.04	0.25	0.271	O I	|	|	|	|	0.14
2.417	2.05	0.26	0.283	O I	|	|	|	|	0.15
2.500	2.06	0.27	0.296	O I	|	|	|	|	0.15
2.583	2.14	0.28	0.308	O I	|	|	|	|	0.16
2.667	2.39	0.30	0.322	O I	|	|	|	|	0.17
2.750	2.47	0.31	0.336	O I	|	|	|	|	0.17
2.833	2.51	0.32	0.351	O I	|	|	|	|	0.18
2.917	2.53	0.34	0.366	O I	|	|	|	|	0.19
3.000	2.55	0.35	0.382	O I	|	|	|	|	0.20
3.083	2.56	0.37	0.397	O I	|	|	|	|	0.20
3.167	2.56	0.38	0.412	O I	|	|	|	|	0.21
3.250	2.57	0.39	0.427	O I	|	|	|	|	0.22
3.333	2.57	0.41	0.442	O I	|	|	|	|	0.23
3.417	2.57	0.42	0.457	O I	|	|	|	|	0.23
3.500	2.57	0.44	0.471	O I	|	|	|	|	0.24
3.583	2.57	0.45	0.486	O I	|	|	|	|	0.25
3.667	2.57	0.46	0.500	O I	|	|	|	|	0.26
3.750	2.57	0.48	0.515	O I	|	|	|	|	0.26
3.833	2.66	0.49	0.530	O I	|	|	|	|	0.27
3.917	2.90	0.50	0.545	O I	|	|	|	|	0.28
4.000	2.99	0.52	0.562	O I	|	|	|	|	0.29
4.083	3.03	0.54	0.579	O I	|	|	|	|	0.30
4.167	3.05	0.55	0.596	|O I	|	|	|	|	0.31
4.250	3.06	0.57	0.614	|O I	|	|	|	|	0.31
4.333	3.16	0.58	0.631	|O I	|	|	|	|	0.32

4.417	3.41	0.60	0.650	|O I |	|	|	|	0.33
4.500	3.50	0.62	0.669	|O I |	|	|	|	0.34
4.583	3.54	0.64	0.689	|O I |	|	|	|	0.35
4.667	3.56	0.66	0.709	|O I |	|	|	|	0.36
4.750	3.58	0.67	0.729	|O I |	|	|	|	0.37
4.833	3.67	0.69	0.749	|O I |	|	|	|	0.38
4.917	3.92	0.71	0.771	|O I|	|	|	|	0.40
5.000	4.02	0.73	0.793	|O I|	|	|	|	0.41
5.083	3.88	0.75	0.815	|O I|	|	|	|	0.42
5.167	3.41	0.77	0.835	|O I |	|	|	|	0.43
5.250	3.25	0.79	0.853	|O I |	|	|	|	0.44
5.333	3.27	0.80	0.870	|O I |	|	|	|	0.45
5.417	3.48	0.82	0.887	|O I |	|	|	|	0.46
5.500	3.54	0.84	0.906	|O I |	|	|	|	0.46
5.583	3.65	0.85	0.925	|O I |	|	|	|	0.47
5.667	3.91	0.87	0.945	|O I|	|	|	|	0.48
5.750	4.00	0.89	0.966	|O I|	|	|	|	0.50
5.833	4.04	0.91	0.987	|O I|	|	|	|	0.51
5.917	4.07	0.93	1.009	|O I|	|	|	|	0.52
6.000	4.09	0.95	1.031	|O I|	|	|	|	0.53
6.083	4.19	0.97	1.052	|O I|	|	|	|	0.54
6.167	4.44	0.99	1.075	|O I |	|	|	|	0.55
6.250	4.53	1.02	1.099	|O I |	|	|	|	0.56
6.333	4.57	1.04	1.124	|O I |	|	|	|	0.58
6.417	4.59	1.06	1.148	|O I |	|	|	|	0.59
6.500	4.60	1.08	1.172	|O I |	|	|	|	0.60
6.583	4.70	1.11	1.197	| O I |	|	|	|	0.61
6.667	4.95	1.13	1.222	| O |I |	|	|	|	0.63
6.750	5.04	1.15	1.249	| O |I |	|	|	|	0.64
6.833	5.08	1.18	1.276	| O |I |	|	|	|	0.65
6.917	5.10	1.20	1.302	| O |I |	|	|	|	0.67
7.000	5.12	1.23	1.329	| O |I |	|	|	|	0.68
7.083	5.13	1.25	1.356	| O |I |	|	|	|	0.70
7.167	5.13	1.28	1.383	| O |I |	|	|	|	0.71
7.250	5.14	1.30	1.409	| O |I |	|	|	|	0.72
7.333	5.23	1.33	1.436	| O |I |	|	|	|	0.74
7.417	5.47	1.35	1.463	| O | I |	|	|	|	0.75
7.500	5.56	1.38	1.492	| O | I |	|	|	|	0.77
7.583	5.68	1.41	1.521	| O | I |	|	|	|	0.78
7.667	5.95	1.43	1.551	| O | I |	|	|	|	0.80
7.750	6.05	1.46	1.583	| O | I |	|	|	|	0.81
7.833	6.19	1.49	1.615	| O | I |	|	|	|	0.83
7.917	6.46	1.52	1.648	| O | I |	|	|	|	0.85
8.000	6.57	1.55	1.682	| O | I |	|	|	|	0.86
8.083	6.79	1.59	1.717	| O | I |	|	|	|	0.88
8.167	7.31	1.62	1.755	| O | I |	|	|	|	0.90
8.250	7.50	1.66	1.795	| O | I |	|	|	|	0.92
8.333	7.58	1.70	1.835	| O | I |	|	|	|	0.94
8.417	7.63	1.73	1.875	| O | I |	|	|	|	0.96
8.500	7.67	1.77	1.916	| O | I |	|	|	|	0.98
8.583	7.77	1.80	1.957	| O | I |	|	|	|	1.00
8.667	8.03	1.80	1.999	| O | I |	|	|	|	1.02
8.750	8.13	1.81	2.042	| O | I |	|	|	|	1.04
8.833	8.25	1.81	2.086	| O | I|	|	|	|	1.06
8.917	8.52	1.82	2.131	| O | I|	|	|	|	1.08
9.000	8.62	1.82	2.178	| O | I|	|	|	|	1.10
9.083	8.84	1.83	2.225	| O | I |	|	|	|	1.12
9.167	9.36	1.83	2.276	| O | |I |	|	|	|	1.14
9.250	9.55	1.84	2.328	| O | |I |	|	|	|	1.16
9.333	9.73	1.84	2.382	| O | |I |	|	|	|	1.18
9.417	10.02	1.85	2.437	| O | | I |	|	|	|	1.21
9.500	10.14	1.85	2.494	| O | | I |	|	|	|	1.23
9.583	10.29	1.86	2.551	| O | | I |	|	|	|	1.26

9.667	10.57	1.86	2.610	O		I		1.28
9.750	10.68	1.87	2.671	O		I		1.31
9.833	10.81	1.87	2.732	O		I		1.33
9.917	11.08	1.88	2.794	O		I		1.36
10.000	11.19	1.88	2.858	O		I		1.39
10.083	10.62	1.89	2.920	O		I		1.41
10.167	8.94	1.90	2.974	O	I			1.44
10.250	8.35	1.90	3.021	O	I			1.46
10.333	8.09	1.90	3.064	O	I			1.47
10.417	7.94	1.91	3.107	O	I			1.49
10.500	7.85	1.91	3.148	O	I			1.51
10.583	8.23	1.92	3.190	O	I			1.53
10.667	9.41	1.92	3.237	O	I			1.55
10.750	9.80	1.93	3.290	O	I			1.57
10.833	9.99	1.93	3.345	O	I			1.59
10.917	10.10	1.94	3.401	O	I			1.62
11.000	10.18	1.94	3.458	O	I			1.64
11.083	10.13	1.95	3.514	O	I			1.66
11.167	9.92	1.95	3.570	O	I			1.69
11.250	9.86	1.96	3.624	O	I			1.71
11.333	9.82	1.96	3.679	O	I			1.73
11.417	9.80	1.97	3.733	O	I			1.76
11.500	9.78	1.97	3.787	O	I			1.78
11.583	9.60	1.98	3.840	O	I			1.80
11.667	9.10	1.98	3.891	O	I			1.82
11.750	8.93	1.99	3.939	O	I			1.85
11.833	8.94	1.99	3.987	O	I			1.87
11.917	9.14	1.99	4.035	O	I			1.89
12.000	9.20	2.00	4.085	O	I			1.91
12.083	9.83	2.00	4.136	O	I			1.93
12.167	11.56	2.01	4.196	O	I			1.95
12.250	12.16	2.02	4.264	O	I			1.98
12.333	12.53	2.04	4.335	O	I			2.01
12.417	12.93	2.08	4.409	O	I			2.04
12.500	13.12	2.12	4.484	O	I			2.07
12.583	13.40	2.16	4.561	O	I			2.09
12.667	13.96	2.20	4.640	O	I			2.12
12.750	14.18	2.24	4.721	O	I			2.15
12.833	14.35	2.29	4.804	O	I			2.18
12.917	14.65	2.33	4.888	O	I			2.21
13.000	14.77	2.38	4.973	O	I			2.24
13.083	15.26	2.42	5.060	O	I			2.27
13.167	16.52	2.47	5.153	O	I			2.31
13.250	16.98	2.52	5.251	O	I			2.34
13.333	17.18	2.58	5.351	O	I			2.38
13.417	17.29	2.63	5.452	O	I			2.42
13.500	17.37	2.68	5.553	O	I			2.45
13.583	16.45	2.73	5.650	O	I			2.49
13.667	13.78	2.78	5.736	O	I			2.52
13.750	12.86	2.82	5.808	O	I			2.55
13.833	12.44	2.85	5.876	O	I			2.57
13.917	12.20	2.89	5.941	O	I			2.60
14.000	12.04	2.92	6.004	O	I			2.62
14.083	12.29	2.96	6.068	O	I			2.64
14.167	13.21	2.99	6.135	O	I			2.67
14.250	13.50	3.03	6.206	O	I			2.69
14.333	13.56	3.07	6.278	O	I			2.72
14.417	13.40	3.11	6.350	O	I			2.74
14.500	13.37	3.14	6.421	O	I			2.77
14.583	13.37	3.18	6.491	O	I			2.80
14.667	13.37	3.22	6.561	O	I			2.82
14.750	13.38	3.26	6.631	O	I			2.85
14.833	13.28	3.29	6.700	O	I			2.87

14.917	13.03	3.33	6.768	O		I	2.90
15.000	12.94	3.36	6.834	O		I	2.92
15.083	12.82	3.40	6.900	O		I	2.94
15.167	12.55	3.43	6.964	O		I	2.97
15.250	12.45	3.47	7.026	O		I	2.99
15.333	12.31	3.96	7.086	O		I	3.01
15.417	12.04	4.77	7.140	O		I	3.03
15.500	11.93	5.48	7.187	O		I	3.04
15.583	11.53	6.10	7.228	O		I	3.06
15.667	10.53	6.58	7.260	O	I		3.07
15.750	10.16	6.95	7.285	O	I		3.08
15.833	10.00	7.26	7.305	O	I		3.08
15.917	9.91	7.53	7.323	O	I		3.09
16.000	9.85	7.76	7.338	O	I		3.09
16.083	8.49	7.90	7.347	OI			3.10
16.167	4.79	7.77	7.339	O			3.09
16.250	3.48	7.42	7.315	O			3.09
16.333	2.90	7.00	7.288	O			3.08
16.417	2.57	6.58	7.260	O			3.07
16.500	2.36	6.17	7.233	O			3.06
16.583	2.13	5.79	7.207	O			3.05
16.667	1.80	5.41	7.182	O			3.04
16.750	1.64	5.05	7.158	O			3.03
16.833	1.60	4.71	7.136	O			3.03
16.917	1.58	4.40	7.115	O			3.02
17.000	1.56	4.12	7.097	O			3.01
17.083	1.73	3.88	7.080	O			3.01
17.167	2.21	3.69	7.068	O			3.00
17.250	2.38	3.55	7.059	O			3.00
17.333	2.46	3.48	7.051	O			3.00
17.417	2.50	3.47	7.044	O			3.00
17.500	2.53	3.47	7.038	O			2.99
17.583	2.55	3.47	7.031	O			2.99
17.667	2.56	3.46	7.025	O			2.99
17.750	2.57	3.46	7.019	O			2.99
17.833	2.48	3.46	7.012	O			2.98
17.917	2.24	3.45	7.005	O			2.98
18.000	2.15	3.45	6.996	O			2.98
18.083	2.11	3.44	6.987	O			2.98
18.167	2.09	3.44	6.978	O			2.97
18.250	2.08	3.43	6.969	O			2.97
18.333	2.07	3.43	6.959	O			2.97
18.417	2.06	3.42	6.950	O			2.96
18.500	2.06	3.42	6.940	O			2.96
18.583	1.97	3.41	6.931	O			2.96
18.667	1.72	3.41	6.920	O			2.95
18.750	1.64	3.40	6.908	O			2.95
18.833	1.51	3.40	6.895	O			2.94
18.917	1.24	3.39	6.882	O			2.94
19.000	1.14	3.38	6.866	O			2.93
19.083	1.18	3.37	6.851	O			2.93
19.167	1.40	3.36	6.837	O			2.92
19.250	1.47	3.36	6.824	O			2.92
19.333	1.58	3.35	6.811	O			2.91
19.417	1.85	3.35	6.800	O			2.91
19.500	1.94	3.34	6.790	O			2.90
19.583	1.90	3.33	6.780	O			2.90
19.667	1.68	3.33	6.769	O			2.90
19.750	1.62	3.32	6.758	O			2.89
19.833	1.50	3.32	6.746	O			2.89
19.917	1.24	3.31	6.732	O			2.88
20.000	1.14	3.30	6.718	O			2.88
20.083	1.18	3.29	6.703	O			2.87

20.167	1.40	3.29	6.689	I O				2.87
20.250	1.47	3.28	6.677	I O				2.86
20.333	1.50	3.27	6.664	I O				2.86
20.417	1.51	3.27	6.652	I O				2.85
20.500	1.52	3.26	6.640	I O				2.85
20.583	1.53	3.25	6.628	I O				2.85
20.667	1.54	3.25	6.616	I O				2.84
20.750	1.54	3.24	6.605	I O				2.84
20.833	1.45	3.24	6.593	I O				2.83
20.917	1.21	3.23	6.580	I O				2.83
21.000	1.12	3.22	6.565	I O				2.82
21.083	1.17	3.21	6.551	I O				2.82
21.167	1.40	3.21	6.538	I O				2.81
21.250	1.47	3.20	6.526	I O				2.81
21.333	1.41	3.19	6.513	I O				2.80
21.417	1.18	3.19	6.500	I O				2.80
21.500	1.10	3.18	6.486	I O				2.79
21.583	1.16	3.17	6.472	I O				2.79
21.667	1.39	3.16	6.459	I O				2.78
21.750	1.47	3.16	6.447	I O				2.78
21.833	1.41	3.15	6.436	I O				2.78
21.917	1.18	3.14	6.423	I O				2.77
22.000	1.10	3.14	6.409	I O				2.77
22.083	1.16	3.13	6.395	I O				2.76
22.167	1.39	3.12	6.382	I O				2.76
22.250	1.47	3.12	6.371	I O				2.75
22.333	1.41	3.11	6.359	I O				2.75
22.417	1.18	3.10	6.347	I O				2.74
22.500	1.10	3.10	6.333	I O				2.74
22.583	1.07	3.09	6.319	I O				2.73
22.667	1.06	3.08	6.306	I O				2.73
22.750	1.05	3.08	6.292	I O				2.72
22.833	1.04	3.07	6.278	I O				2.72
22.917	1.03	3.06	6.264	I O				2.71
23.000	1.03	3.05	6.250	I O				2.71
23.083	1.03	3.05	6.236	I O				2.70
23.167	1.03	3.04	6.222	I O				2.70
23.250	1.03	3.03	6.208	I O				2.69
23.333	1.03	3.02	6.194	I O				2.69
23.417	1.03	3.02	6.181	I O				2.68
23.500	1.03	3.01	6.167	I O				2.68
23.583	1.03	3.00	6.153	I O				2.67
23.667	1.03	2.99	6.140	I O				2.67
23.750	1.03	2.99	6.126	I O				2.66
23.833	1.03	2.98	6.113	I O				2.66
23.917	1.03	2.97	6.099	I O				2.65
24.000	1.03	2.97	6.086	I O				2.65
24.083	0.85	2.96	6.072	I O				2.64
24.167	0.36	2.95	6.056	I O				2.64
24.250	0.19	2.94	6.037	I O				2.63
24.333	0.11	2.93	6.018	I O				2.62
24.417	0.07	2.92	5.999	I O				2.62
24.500	0.04	2.91	5.979	I O				2.61
24.583	0.02	2.90	5.959	I O				2.60
24.667	0.01	2.89	5.939	I O				2.59
24.750	0.00	2.88	5.920	I O				2.59
24.833	0.00	2.87	5.900	I O				2.58
24.917	0.00	2.86	5.880	I O				2.57
25.000	0.00	2.85	5.860	I O				2.57
25.083	0.00	2.84	5.841	I O				2.56
25.167	0.00	2.83	5.821	I O				2.55
25.250	0.00	2.82	5.802	I O				2.54
25.333	0.00	2.81	5.783	I O				2.54

25.417	0.00	2.79	5.763	I	O				2.53
25.500	0.00	2.78	5.744	I	O				2.52
25.583	0.00	2.77	5.725	I	O				2.52
25.667	0.00	2.76	5.706	I	O				2.51
25.750	0.00	2.75	5.687	I	O				2.50
25.833	0.00	2.74	5.668	I	O				2.50
25.917	0.00	2.73	5.649	I	O				2.49
26.000	0.00	2.72	5.630	I	O				2.48
26.083	0.00	2.71	5.612	I	O				2.48
26.167	0.00	2.70	5.593	I	O				2.47
26.250	0.00	2.69	5.574	I	O				2.46
26.333	0.00	2.68	5.556	I	O				2.46
26.417	0.00	2.67	5.537	I	O				2.45
26.500	0.00	2.67	5.519	I	O				2.44
26.583	0.00	2.66	5.501	I	O				2.44
26.667	0.00	2.65	5.482	I	O				2.43
26.750	0.00	2.64	5.464	I	O				2.42
26.833	0.00	2.63	5.446	I	O				2.42
26.917	0.00	2.62	5.428	I	O				2.41
27.000	0.00	2.61	5.410	I	O				2.40
27.083	0.00	2.60	5.392	I	O				2.40
27.167	0.00	2.59	5.374	I	O				2.39
27.250	0.00	2.58	5.356	I	O				2.38
27.333	0.00	2.57	5.339	I	O				2.38
27.417	0.00	2.56	5.321	I	O				2.37
27.500	0.00	2.55	5.304	I	O				2.36
27.583	0.00	2.54	5.286	I	O				2.36
27.667	0.00	2.53	5.268	I	O				2.35
27.750	0.00	2.52	5.251	I	O				2.34
27.833	0.00	2.51	5.234	I	O				2.34
27.917	0.00	2.50	5.216	I	O				2.33
28.000	0.00	2.50	5.199	I	O				2.33
28.083	0.00	2.49	5.182	I	O				2.32
28.167	0.00	2.48	5.165	I	O				2.31
28.250	0.00	2.47	5.148	I	O				2.31
28.333	0.00	2.46	5.131	I	O				2.30
28.417	0.00	2.45	5.114	I	O				2.29
28.500	0.00	2.44	5.097	I	O				2.29
28.583	0.00	2.43	5.080	I	O				2.28
28.667	0.00	2.42	5.064	I	O				2.28
28.750	0.00	2.41	5.047	I	O				2.27
28.833	0.00	2.41	5.031	I	O				2.26
28.917	0.00	2.40	5.014	I	O				2.26
29.000	0.00	2.39	4.997	I	O				2.25
29.083	0.00	2.38	4.981	I	O				2.25
29.167	0.00	2.37	4.965	I	O				2.24
29.250	0.00	2.36	4.948	I	O				2.23
29.333	0.00	2.35	4.932	I	O				2.23
29.417	0.00	2.34	4.916	I	O				2.22
29.500	0.00	2.34	4.900	I	O				2.22
29.583	0.00	2.33	4.884	I	O				2.21
29.667	0.00	2.32	4.868	I	O				2.21
29.750	0.00	2.31	4.852	I	O				2.20
29.833	0.00	2.30	4.836	I	O				2.19
29.917	0.00	2.29	4.820	I	O				2.19
30.000	0.00	2.29	4.804	I	O				2.18
30.083	0.00	2.28	4.789	I	O				2.18
30.167	0.00	2.27	4.773	I	O				2.17
30.250	0.00	2.26	4.757	I	O				2.16
30.333	0.00	2.25	4.742	I	O				2.16
30.417	0.00	2.24	4.726	I	O				2.15
30.500	0.00	2.24	4.711	I	O				2.15
30.583	0.00	2.23	4.696	I	O				2.14

30.667	0.00	2.22	4.680	I	O					2.14
30.750	0.00	2.21	4.665	I	O					2.13
30.833	0.00	2.20	4.650	I	O					2.13
30.917	0.00	2.20	4.635	I	O					2.12
31.000	0.00	2.19	4.620	I	O					2.11
31.083	0.00	2.18	4.605	I	O					2.11
31.167	0.00	2.17	4.590	I	O					2.10
31.250	0.00	2.16	4.575	I	O					2.10
31.333	0.00	2.16	4.560	I	O					2.09
31.417	0.00	2.15	4.545	I	O					2.09
31.500	0.00	2.14	4.530	I	O					2.08
31.583	0.00	2.13	4.515	I	O					2.08
31.667	0.00	2.12	4.501	I	O					2.07
31.750	0.00	2.12	4.486	I	O					2.07
31.833	0.00	2.11	4.472	I	O					2.06
31.917	0.00	2.10	4.457	I	O					2.06
32.000	0.00	2.09	4.443	I	O					2.05
32.083	0.00	2.09	4.428	I	O					2.05
32.167	0.00	2.08	4.414	I	O					2.04
32.250	0.00	2.07	4.400	I	O					2.03
32.333	0.00	2.06	4.385	I	O					2.03
32.417	0.00	2.06	4.371	I	O					2.02
32.500	0.00	2.05	4.357	I	O					2.02
32.583	0.00	2.04	4.343	I	O					2.01
32.667	0.00	2.03	4.329	I	O					2.01
32.750	0.00	2.03	4.315	I	O					2.00
32.833	0.00	2.02	4.301	I	O					2.00
32.917	0.00	2.02	4.287	I	O					1.99
33.000	0.00	2.02	4.273	I	O					1.99
33.083	0.00	2.02	4.259	I	O					1.98
33.167	0.00	2.01	4.246	I	O					1.98
33.250	0.00	2.01	4.232	I	O					1.97
33.333	0.00	2.01	4.218	I	O					1.96
33.417	0.00	2.01	4.204	I	O					1.96
33.500	0.00	2.01	4.190	I	O					1.95
33.583	0.00	2.01	4.176	I	O					1.95
33.667	0.00	2.01	4.162	I	O					1.94
33.750	0.00	2.01	4.149	I	O					1.93
33.833	0.00	2.00	4.135	I	O					1.93
33.917	0.00	2.00	4.121	I	O					1.92
34.000	0.00	2.00	4.107	I	O					1.92
34.083	0.00	2.00	4.093	I	O					1.91
34.167	0.00	2.00	4.080	I	O					1.90
34.250	0.00	2.00	4.066	I	O					1.90
34.333	0.00	2.00	4.052	I	O					1.89
34.417	0.00	2.00	4.038	I	O					1.89
34.500	0.00	1.99	4.025	I	O					1.88
34.583	0.00	1.99	4.011	I	O					1.88
34.667	0.00	1.99	3.997	I	O					1.87
34.750	0.00	1.99	3.984	I	O					1.86
34.833	0.00	1.99	3.970	I	O					1.86
34.917	0.00	1.99	3.956	I	O					1.85
35.000	0.00	1.99	3.942	I	O					1.85
35.083	0.00	1.98	3.929	I	O					1.84
35.167	0.00	1.98	3.915	I	O					1.83
35.250	0.00	1.98	3.901	I	O					1.83
35.333	0.00	1.98	3.888	I	O					1.82
35.417	0.00	1.98	3.874	I	O					1.82
35.500	0.00	1.98	3.861	I	O					1.81
35.583	0.00	1.98	3.847	I	O					1.81
35.667	0.00	1.98	3.833	I	O					1.80
35.750	0.00	1.97	3.820	I	O					1.79
35.833	0.00	1.97	3.806	I	O					1.79

35.917	0.00	1.97	3.793	I	O					1.78
36.000	0.00	1.97	3.779	I	O					1.78
36.083	0.00	1.97	3.765	I	O					1.77
36.167	0.00	1.97	3.752	I	O					1.77
36.250	0.00	1.97	3.738	I	O					1.76
36.333	0.00	1.97	3.725	I	O					1.75
36.417	0.00	1.96	3.711	I	O					1.75
36.500	0.00	1.96	3.698	I	O					1.74
36.583	0.00	1.96	3.684	I	O					1.74
36.667	0.00	1.96	3.671	I	O					1.73
36.750	0.00	1.96	3.657	I	O					1.73
36.833	0.00	1.96	3.644	I	O					1.72
36.917	0.00	1.96	3.630	I	O					1.71
37.000	0.00	1.96	3.617	I	O					1.71
37.083	0.00	1.95	3.603	I	O					1.70
37.167	0.00	1.95	3.590	I	O					1.70
37.250	0.00	1.95	3.576	I	O					1.69
37.333	0.00	1.95	3.563	I	O					1.69
37.417	0.00	1.95	3.549	I	O					1.68
37.500	0.00	1.95	3.536	I	O					1.67
37.583	0.00	1.95	3.523	I	O					1.67
37.667	0.00	1.95	3.509	I	O					1.66
37.750	0.00	1.94	3.496	I	O					1.66
37.833	0.00	1.94	3.482	I	O					1.65
37.917	0.00	1.94	3.469	I	O					1.65
38.000	0.00	1.94	3.456	I	O					1.64
38.083	0.00	1.94	3.442	I	O					1.63
38.167	0.00	1.94	3.429	I	O					1.63
38.250	0.00	1.94	3.416	I	O					1.62
38.333	0.00	1.94	3.402	I	O					1.62
38.417	0.00	1.93	3.389	I	O					1.61
38.500	0.00	1.93	3.376	I	O					1.61
38.583	0.00	1.93	3.362	I	O					1.60
38.667	0.00	1.93	3.349	I	O					1.59
38.750	0.00	1.93	3.336	I	O					1.59
38.833	0.00	1.93	3.322	I	O					1.58
38.917	0.00	1.93	3.309	I	O					1.58
39.000	0.00	1.93	3.296	I	O					1.57
39.083	0.00	1.92	3.283	I	O					1.57
39.167	0.00	1.92	3.269	I	O					1.56
39.250	0.00	1.92	3.256	I	O					1.56
39.333	0.00	1.92	3.243	I	O					1.55
39.417	0.00	1.92	3.230	I	O					1.54
39.500	0.00	1.92	3.216	I	O					1.54
39.583	0.00	1.92	3.203	I	O					1.53
39.667	0.00	1.92	3.190	I	O					1.53
39.750	0.00	1.91	3.177	I	O					1.52
39.833	0.00	1.91	3.164	I	O					1.52
39.917	0.00	1.91	3.150	I	O					1.51
40.000	0.00	1.91	3.137	I	O					1.50
40.083	0.00	1.91	3.124	I	O					1.50
40.167	0.00	1.91	3.111	I	O					1.49
40.250	0.00	1.91	3.098	I	O					1.49
40.333	0.00	1.91	3.085	I	O					1.48
40.417	0.00	1.90	3.072	I	O					1.48
40.500	0.00	1.90	3.059	I	O					1.47
40.583	0.00	1.90	3.045	I	O					1.47
40.667	0.00	1.90	3.032	I	O					1.46
40.750	0.00	1.90	3.019	I	O					1.45
40.833	0.00	1.90	3.006	I	O					1.45
40.917	0.00	1.90	2.993	I	O					1.44
41.000	0.00	1.90	2.980	I	O					1.44
41.083	0.00	1.90	2.967	I	O					1.43

41.167	0.00	1.89	2.954	I	O					1.43
41.250	0.00	1.89	2.941	I	O					1.42
41.333	0.00	1.89	2.928	I	O					1.42
41.417	0.00	1.89	2.915	I	O					1.41
41.500	0.00	1.89	2.902	I	O					1.40
41.583	0.00	1.89	2.889	I	O					1.40
41.667	0.00	1.89	2.876	I	O					1.39
41.750	0.00	1.89	2.863	I	O					1.39
41.833	0.00	1.88	2.850	I	O					1.38
41.917	0.00	1.88	2.837	I	O					1.38
42.000	0.00	1.88	2.824	I	O					1.37
42.083	0.00	1.88	2.811	I	O					1.37
42.167	0.00	1.88	2.798	I	O					1.36
42.250	0.00	1.88	2.785	I	O					1.36
42.333	0.00	1.88	2.772	I	O					1.35
42.417	0.00	1.88	2.759	I	O					1.34
42.500	0.00	1.87	2.746	I	O					1.34
42.583	0.00	1.87	2.733	I	O					1.33
42.667	0.00	1.87	2.720	I	O					1.33
42.750	0.00	1.87	2.708	I	O					1.32
42.833	0.00	1.87	2.695	I	O					1.32
42.917	0.00	1.87	2.682	I	O					1.31
43.000	0.00	1.87	2.669	I	O					1.31
43.083	0.00	1.87	2.656	I	O					1.30
43.167	0.00	1.86	2.643	I	O					1.30
43.250	0.00	1.86	2.630	I	O					1.29
43.333	0.00	1.86	2.618	I	O					1.28
43.417	0.00	1.86	2.605	I	O					1.28
43.500	0.00	1.86	2.592	I	O					1.27
43.583	0.00	1.86	2.579	I	O					1.27
43.667	0.00	1.86	2.566	I	O					1.26
43.750	0.00	1.86	2.554	I	O					1.26
43.833	0.00	1.86	2.541	I	O					1.25
43.917	0.00	1.85	2.528	I	O					1.25
44.000	0.00	1.85	2.515	I	O					1.24
44.083	0.00	1.85	2.502	I	O					1.24
44.167	0.00	1.85	2.490	I	O					1.23
44.250	0.00	1.85	2.477	I	O					1.22
44.333	0.00	1.85	2.464	I	O					1.22
44.417	0.00	1.85	2.452	I	O					1.21
44.500	0.00	1.85	2.439	I	O					1.21
44.583	0.00	1.84	2.426	I	O					1.20
44.667	0.00	1.84	2.413	I	O					1.20
44.750	0.00	1.84	2.401	I	O					1.19
44.833	0.00	1.84	2.388	I	O					1.19
44.917	0.00	1.84	2.375	I	O					1.18
45.000	0.00	1.84	2.363	I	O					1.18
45.083	0.00	1.84	2.350	I	O					1.17
45.167	0.00	1.84	2.337	I	O					1.17
45.250	0.00	1.84	2.325	I	O					1.16
45.333	0.00	1.83	2.312	I	O					1.15
45.417	0.00	1.83	2.299	I	O					1.15
45.500	0.00	1.83	2.287	I	O					1.14
45.583	0.00	1.83	2.274	I	O					1.14
45.667	0.00	1.83	2.262	I	O					1.13
45.750	0.00	1.83	2.249	I	O					1.13
45.833	0.00	1.83	2.236	I	O					1.12
45.917	0.00	1.83	2.224	I	O					1.12
46.000	0.00	1.82	2.211	I	O					1.11
46.083	0.00	1.82	2.199	I	O					1.11
46.167	0.00	1.82	2.186	I	O					1.10
46.250	0.00	1.82	2.174	I	O					1.10
46.333	0.00	1.82	2.161	I	O					1.09

46.417	0.00	1.82	2.149	I	O				1.09
46.500	0.00	1.82	2.136	I	O				1.08
46.583	0.00	1.82	2.124	I	O				1.07
46.667	0.00	1.82	2.111	I	O				1.07
46.750	0.00	1.81	2.099	I	O				1.06
46.833	0.00	1.81	2.086	I	O				1.06
46.917	0.00	1.81	2.074	I	O				1.05
47.000	0.00	1.81	2.061	I	O				1.05
47.083	0.00	1.81	2.049	I	O				1.04
47.167	0.00	1.81	2.036	I	O				1.04
47.250	0.00	1.81	2.024	I	O				1.03
47.333	0.00	1.81	2.011	I	O				1.03
47.417	0.00	1.80	1.999	I	O				1.02
47.500	0.00	1.80	1.986	I	O				1.02
47.583	0.00	1.80	1.974	I	O				1.01
47.667	0.00	1.80	1.962	I	O				1.01
47.750	0.00	1.80	1.949	I	O				1.00
47.833	0.00	1.79	1.937	I	O				0.99
47.917	0.00	1.78	1.925	I	O				0.99
48.000	0.00	1.77	1.912	I	O				0.98
48.083	0.00	1.76	1.900	I	O				0.98
48.167	0.00	1.74	1.888	I	O				0.97
48.250	0.00	1.73	1.876	I	O				0.96
48.333	0.00	1.72	1.864	I	O				0.96
48.417	0.00	1.71	1.852	I	O				0.95
48.500	0.00	1.70	1.841	I	O				0.94
48.583	0.00	1.69	1.829	I	O				0.94
48.667	0.00	1.68	1.817	I	O				0.93
48.750	0.00	1.67	1.806	I	O				0.93
48.833	0.00	1.66	1.794	I	O				0.92
48.917	0.00	1.65	1.783	I	O				0.92
49.000	0.00	1.64	1.772	I	O				0.91
49.083	0.00	1.63	1.760	I	O				0.90
49.167	0.00	1.62	1.749	I	O				0.90
49.250	0.00	1.61	1.738	I	O				0.89
49.333	0.00	1.60	1.727	I	O				0.89
49.417	0.00	1.59	1.716	I	O				0.88
49.500	0.00	1.58	1.705	I	O				0.88
49.583	0.00	1.57	1.695	I	O				0.87
49.667	0.00	1.56	1.684	I	O				0.86
49.750	0.00	1.55	1.673	I	O				0.86
49.833	0.00	1.54	1.662	I	O				0.85
49.917	0.00	1.53	1.652	I	O				0.85
50.000	0.00	1.52	1.641	I	O				0.84
50.083	0.00	1.51	1.631	I	O				0.84
50.167	0.00	1.50	1.621	I	O				0.83
50.250	0.00	1.49	1.610	I	O				0.83
50.333	0.00	1.48	1.600	I	O				0.82
50.417	0.00	1.47	1.590	I	O				0.82
50.500	0.00	1.46	1.580	I	O				0.81
50.583	0.00	1.45	1.570	I	O				0.81
50.667	0.00	1.44	1.560	I	O				0.80
50.750	0.00	1.43	1.550	I	O				0.80
50.833	0.00	1.42	1.540	I	O				0.79
50.917	0.00	1.41	1.530	I	O				0.79
51.000	0.00	1.41	1.521	I	O				0.78
51.083	0.00	1.40	1.511	I	O				0.78
51.167	0.00	1.39	1.502	I	O				0.77
51.250	0.00	1.38	1.492	I	O				0.77
51.333	0.00	1.37	1.483	I	O				0.76
51.417	0.00	1.36	1.473	I	O				0.76
51.500	0.00	1.35	1.464	I	O				0.75
51.583	0.00	1.34	1.455	I	O				0.75

51.667	0.00	1.34	1.445	I O				0.74
51.750	0.00	1.33	1.436	I O				0.74
51.833	0.00	1.32	1.427	I O				0.73
51.917	0.00	1.31	1.418	I O				0.73
52.000	0.00	1.30	1.409	I O				0.72
52.083	0.00	1.29	1.400	I O				0.72
52.167	0.00	1.29	1.391	I O				0.71
52.250	0.00	1.28	1.382	I O				0.71
52.333	0.00	1.27	1.374	I O				0.71
52.417	0.00	1.26	1.365	I O				0.70
52.500	0.00	1.25	1.356	I O				0.70
52.583	0.00	1.25	1.348	I O				0.69
52.667	0.00	1.24	1.339	I O				0.69
52.750	0.00	1.23	1.331	I O				0.68
52.833	0.00	1.22	1.322	I O				0.68
52.917	0.00	1.21	1.314	I O				0.67
53.000	0.00	1.21	1.305	I O				0.67
53.083	0.00	1.20	1.297	I O				0.67
53.167	0.00	1.19	1.289	I O				0.66
53.250	0.00	1.18	1.281	I O				0.66
53.333	0.00	1.18	1.273	I O				0.65
53.417	0.00	1.17	1.264	I O				0.65
53.500	0.00	1.16	1.256	I O				0.65
53.583	0.00	1.15	1.249	I O				0.64
53.667	0.00	1.15	1.241	I O				0.64
53.750	0.00	1.14	1.233	I O				0.63
53.833	0.00	1.13	1.225	I O				0.63
53.917	0.00	1.12	1.217	I O				0.62
54.000	0.00	1.12	1.209	I O				0.62
54.083	0.00	1.11	1.202	I O				0.62
54.167	0.00	1.10	1.194	I O				0.61
54.250	0.00	1.10	1.187	I O				0.61
54.333	0.00	1.09	1.179	I O				0.61
54.417	0.00	1.08	1.172	IO				0.60
54.500	0.00	1.08	1.164	IO				0.60
54.583	0.00	1.07	1.157	IO				0.59
54.667	0.00	1.06	1.149	IO				0.59
54.750	0.00	1.06	1.142	IO				0.59
54.833	0.00	1.05	1.135	IO				0.58
54.917	0.00	1.04	1.128	IO				0.58
55.000	0.00	1.04	1.120	IO				0.58
55.083	0.00	1.03	1.113	IO				0.57
55.167	0.00	1.02	1.106	IO				0.57
55.250	0.00	1.02	1.099	IO				0.56
55.333	0.00	1.01	1.092	IO				0.56
55.417	0.00	1.00	1.085	IO				0.56
55.500	0.00	1.00	1.079	IO				0.55
55.583	0.00	0.99	1.072	IO				0.55
55.667	0.00	0.98	1.065	IO				0.55
55.750	0.00	0.98	1.058	IO				0.54
55.833	0.00	0.97	1.051	IO				0.54
55.917	0.00	0.97	1.045	IO				0.54
56.000	0.00	0.96	1.038	IO				0.53
56.083	0.00	0.95	1.032	IO				0.53
56.167	0.00	0.95	1.025	IO				0.53
56.250	0.00	0.94	1.018	IO				0.52
56.333	0.00	0.94	1.012	IO				0.52
56.417	0.00	0.93	1.006	IO				0.52
56.500	0.00	0.92	0.999	IO				0.51
56.583	0.00	0.92	0.993	IO				0.51
56.667	0.00	0.91	0.987	IO				0.51
56.750	0.00	0.91	0.980	IO				0.50
56.833	0.00	0.90	0.974	IO				0.50

56.917	0.00	0.89	0.968	IO				0.50
57.000	0.00	0.89	0.962	IO				0.49
57.083	0.00	0.88	0.956	IO				0.49
57.167	0.00	0.88	0.950	IO				0.49
57.250	0.00	0.87	0.944	IO				0.48
57.333	0.00	0.87	0.938	IO				0.48
57.417	0.00	0.86	0.932	IO				0.48
57.500	0.00	0.86	0.926	IO				0.48
57.583	0.00	0.85	0.920	IO				0.47
57.667	0.00	0.84	0.914	IO				0.47
57.750	0.00	0.84	0.908	IO				0.47
57.833	0.00	0.83	0.902	IO				0.46
57.917	0.00	0.83	0.897	IO				0.46
58.000	0.00	0.82	0.891	IO				0.46
58.083	0.00	0.82	0.885	IO				0.45
58.167	0.00	0.81	0.880	IO				0.45
58.250	0.00	0.81	0.874	IO				0.45
58.333	0.00	0.80	0.869	IO				0.45
58.417	0.00	0.80	0.863	IO				0.44
58.500	0.00	0.79	0.858	IO				0.44
58.583	0.00	0.79	0.852	IO				0.44
58.667	0.00	0.78	0.847	IO				0.43
58.750	0.00	0.78	0.841	IO				0.43
58.833	0.00	0.77	0.836	IO				0.43
58.917	0.00	0.77	0.831	IO				0.43
59.000	0.00	0.76	0.826	IO				0.42
59.083	0.00	0.76	0.820	IO				0.42
59.167	0.00	0.75	0.815	IO				0.42
59.250	0.00	0.75	0.810	IO				0.42
59.333	0.00	0.74	0.805	IO				0.41
59.417	0.00	0.74	0.800	IO				0.41
59.500	0.00	0.73	0.795	IO				0.41
59.583	0.00	0.73	0.790	IO				0.41
59.667	0.00	0.72	0.785	IO				0.40
59.750	0.00	0.72	0.780	IO				0.40
59.833	0.00	0.72	0.775	IO				0.40
59.917	0.00	0.71	0.770	IO				0.40
60.000	0.00	0.71	0.765	IO				0.39
60.083	0.00	0.70	0.760	IO				0.39
60.167	0.00	0.70	0.755	IO				0.39
60.250	0.00	0.69	0.750	IO				0.39
60.333	0.00	0.69	0.746	IO				0.38
60.417	0.00	0.68	0.741	IO				0.38
60.500	0.00	0.68	0.736	IO				0.38
60.583	0.00	0.68	0.732	IO				0.38
60.667	0.00	0.67	0.727	IO				0.37
60.750	0.00	0.67	0.722	IO				0.37
60.833	0.00	0.66	0.718	IO				0.37
60.917	0.00	0.66	0.713	IO				0.37
61.000	0.00	0.65	0.709	IO				0.36
61.083	0.00	0.65	0.704	IO				0.36
61.167	0.00	0.65	0.700	IO				0.36
61.250	0.00	0.64	0.695	IO				0.36
61.333	0.00	0.64	0.691	IO				0.35
61.417	0.00	0.63	0.686	IO				0.35
61.500	0.00	0.63	0.682	IO				0.35
61.583	0.00	0.63	0.678	IO				0.35
61.667	0.00	0.62	0.673	IO				0.35
61.750	0.00	0.62	0.669	IO				0.34
61.833	0.00	0.61	0.665	IO				0.34
61.917	0.00	0.61	0.661	IO				0.34
62.000	0.00	0.61	0.657	IO				0.34
62.083	0.00	0.60	0.652	IO				0.33

62.167	0.00	0.60	0.648	IO				0.33
62.250	0.00	0.60	0.644	IO				0.33
62.333	0.00	0.59	0.640	IO				0.33
62.417	0.00	0.59	0.636	IO				0.33
62.500	0.00	0.58	0.632	IO				0.32
62.583	0.00	0.58	0.628	IO				0.32
62.667	0.00	0.58	0.624	IO				0.32
62.750	0.00	0.57	0.620	IO				0.32
62.833	0.00	0.57	0.616	IO				0.32
62.917	0.00	0.57	0.612	IO				0.31
63.000	0.00	0.56	0.608	IO				0.31
63.083	0.00	0.56	0.604	IO				0.31
63.167	0.00	0.55	0.601	IO				0.31
63.250	0.00	0.55	0.597	IO				0.31
63.333	0.00	0.55	0.593	IO				0.30
63.417	0.00	0.54	0.589	IO				0.30
63.500	0.00	0.54	0.585	O				0.30
63.583	0.00	0.54	0.582	O				0.30
63.667	0.00	0.53	0.578	O				0.30
63.750	0.00	0.53	0.574	O				0.29
63.833	0.00	0.53	0.571	O				0.29
63.917	0.00	0.52	0.567	O				0.29
64.000	0.00	0.52	0.564	O				0.29
64.083	0.00	0.52	0.560	O				0.29
64.167	0.00	0.51	0.556	O				0.29
64.250	0.00	0.51	0.553	O				0.28
64.333	0.00	0.51	0.549	O				0.28
64.417	0.00	0.50	0.546	O				0.28
64.500	0.00	0.50	0.542	O				0.28
64.583	0.00	0.50	0.539	O				0.28
64.667	0.00	0.49	0.536	O				0.27
64.750	0.00	0.49	0.532	O				0.27
64.833	0.00	0.49	0.529	O				0.27
64.917	0.00	0.49	0.525	O				0.27
65.000	0.00	0.48	0.522	O				0.27
65.083	0.00	0.48	0.519	O				0.27
65.167	0.00	0.48	0.515	O				0.26
65.250	0.00	0.47	0.512	O				0.26
65.333	0.00	0.47	0.509	O				0.26
65.417	0.00	0.47	0.506	O				0.26
65.500	0.00	0.46	0.503	O				0.26
65.583	0.00	0.46	0.499	O				0.26
65.667	0.00	0.46	0.496	O				0.25
65.750	0.00	0.46	0.493	O				0.25
65.833	0.00	0.45	0.490	O				0.25
65.917	0.00	0.45	0.487	O				0.25
66.000	0.00	0.45	0.484	O				0.25
66.083	0.00	0.44	0.481	O				0.25
66.167	0.00	0.44	0.478	O				0.25
66.250	0.00	0.44	0.475	O				0.24
66.333	0.00	0.44	0.472	O				0.24
66.417	0.00	0.43	0.469	O				0.24
66.500	0.00	0.43	0.466	O				0.24
66.583	0.00	0.43	0.463	O				0.24
66.667	0.00	0.42	0.460	O				0.24
66.750	0.00	0.42	0.457	O				0.23
66.833	0.00	0.42	0.454	O				0.23
66.917	0.00	0.42	0.451	O				0.23
67.000	0.00	0.41	0.448	O				0.23
67.083	0.00	0.41	0.445	O				0.23
67.167	0.00	0.41	0.442	O				0.23
67.250	0.00	0.41	0.440	O				0.23
67.333	0.00	0.40	0.437	O				0.22

67.417	0.00	0.40	0.434	O				0.22
67.500	0.00	0.40	0.431	O				0.22
67.583	0.00	0.40	0.429	O				0.22
67.667	0.00	0.39	0.426	O				0.22
67.750	0.00	0.39	0.423	O				0.22
67.833	0.00	0.39	0.421	O				0.22
67.917	0.00	0.39	0.418	O				0.21
68.000	0.00	0.38	0.415	O				0.21
68.083	0.00	0.38	0.413	O				0.21
68.167	0.00	0.38	0.410	O				0.21
68.250	0.00	0.38	0.407	O				0.21
68.333	0.00	0.37	0.405	O				0.21
68.417	0.00	0.37	0.402	O				0.21
68.500	0.00	0.37	0.400	O				0.21
68.583	0.00	0.37	0.397	O				0.20
68.667	0.00	0.36	0.395	O				0.20
68.750	0.00	0.36	0.392	O				0.20
68.833	0.00	0.36	0.390	O				0.20
68.917	0.00	0.36	0.387	O				0.20
69.000	0.00	0.36	0.385	O				0.20
69.083	0.00	0.35	0.382	O				0.20
69.167	0.00	0.35	0.380	O				0.19
69.250	0.00	0.35	0.377	O				0.19
69.333	0.00	0.35	0.375	O				0.19
69.417	0.00	0.34	0.373	O				0.19
69.500	0.00	0.34	0.370	O				0.19
69.583	0.00	0.34	0.368	O				0.19
69.667	0.00	0.34	0.366	O				0.19
69.750	0.00	0.34	0.363	O				0.19
69.833	0.00	0.33	0.361	O				0.19
69.917	0.00	0.33	0.359	O				0.18
70.000	0.00	0.33	0.356	O				0.18
70.083	0.00	0.33	0.354	O				0.18
70.167	0.00	0.33	0.352	O				0.18
70.250	0.00	0.32	0.350	O				0.18
70.333	0.00	0.32	0.347	O				0.18
70.417	0.00	0.32	0.345	O				0.18
70.500	0.00	0.32	0.343	O				0.18
70.583	0.00	0.31	0.341	O				0.17
70.667	0.00	0.31	0.339	O				0.17
70.750	0.00	0.31	0.337	O				0.17
70.833	0.00	0.31	0.334	O				0.17
70.917	0.00	0.31	0.332	O				0.17
71.000	0.00	0.31	0.330	O				0.17
71.083	0.00	0.30	0.328	O				0.17
71.167	0.00	0.30	0.326	O				0.17
71.250	0.00	0.30	0.324	O				0.17
71.333	0.00	0.30	0.322	O				0.17
71.417	0.00	0.30	0.320	O				0.16
71.500	0.00	0.29	0.318	O				0.16
71.583	0.00	0.29	0.316	O				0.16
71.667	0.00	0.29	0.314	O				0.16
71.750	0.00	0.29	0.312	O				0.16
71.833	0.00	0.29	0.310	O				0.16
71.917	0.00	0.28	0.308	O				0.16
72.000	0.00	0.28	0.306	O				0.16
72.083	0.00	0.28	0.304	O				0.16
72.167	0.00	0.28	0.302	O				0.16
72.250	0.00	0.28	0.300	O				0.15
72.333	0.00	0.28	0.298	O				0.15
72.417	0.00	0.27	0.296	O				0.15
72.500	0.00	0.27	0.294	O				0.15
72.583	0.00	0.27	0.293	O				0.15

72.667	0.00	0.27	0.291	O				0.15
72.750	0.00	0.27	0.289	O				0.15
72.833	0.00	0.27	0.287	O				0.15
72.917	0.00	0.26	0.285	O				0.15
73.000	0.00	0.26	0.283	O				0.15
73.083	0.00	0.26	0.282	O				0.14
73.167	0.00	0.26	0.280	O				0.14
73.250	0.00	0.26	0.278	O				0.14
73.333	0.00	0.26	0.276	O				0.14
73.417	0.00	0.25	0.275	O				0.14
73.500	0.00	0.25	0.273	O				0.14
73.583	0.00	0.25	0.271	O				0.14
73.667	0.00	0.25	0.269	O				0.14
73.750	0.00	0.25	0.268	O				0.14
73.833	0.00	0.25	0.266	O				0.14
73.917	0.00	0.24	0.264	O				0.14
74.000	0.00	0.24	0.263	O				0.13
74.083	0.00	0.24	0.261	O				0.13
74.167	0.00	0.24	0.259	O				0.13
74.250	0.00	0.24	0.258	O				0.13
74.333	0.00	0.24	0.256	O				0.13
74.417	0.00	0.24	0.254	O				0.13
74.500	0.00	0.23	0.253	O				0.13
74.583	0.00	0.23	0.251	O				0.13
74.667	0.00	0.23	0.250	O				0.13
74.750	0.00	0.23	0.248	O				0.13
74.833	0.00	0.23	0.246	O				0.13
74.917	0.00	0.23	0.245	O				0.13
75.000	0.00	0.22	0.243	O				0.12
75.083	0.00	0.22	0.242	O				0.12
75.167	0.00	0.22	0.240	O				0.12
75.250	0.00	0.22	0.239	O				0.12
75.333	0.00	0.22	0.237	O				0.12
75.417	0.00	0.22	0.236	O				0.12
75.500	0.00	0.22	0.234	O				0.12
75.583	0.00	0.21	0.233	O				0.12
75.667	0.00	0.21	0.231	O				0.12
75.750	0.00	0.21	0.230	O				0.12
75.833	0.00	0.21	0.228	O				0.12
75.917	0.00	0.21	0.227	O				0.12
76.000	0.00	0.21	0.225	O				0.12
76.083	0.00	0.21	0.224	O				0.11
76.167	0.00	0.21	0.223	O				0.11
76.250	0.00	0.20	0.221	O				0.11
76.333	0.00	0.20	0.220	O				0.11
76.417	0.00	0.20	0.218	O				0.11
76.500	0.00	0.20	0.217	O				0.11
76.583	0.00	0.20	0.216	O				0.11
76.667	0.00	0.20	0.214	O				0.11
76.750	0.00	0.20	0.213	O				0.11
76.833	0.00	0.20	0.211	O				0.11
76.917	0.00	0.19	0.210	O				0.11
77.000	0.00	0.19	0.209	O				0.11
77.083	0.00	0.19	0.207	O				0.11
77.167	0.00	0.19	0.206	O				0.11
77.250	0.00	0.19	0.205	O				0.11
77.333	0.00	0.19	0.204	O				0.10
77.417	0.00	0.19	0.202	O				0.10
77.500	0.00	0.19	0.201	O				0.10
77.583	0.00	0.18	0.200	O				0.10
77.667	0.00	0.18	0.198	O				0.10
77.750	0.00	0.18	0.197	O				0.10
77.833	0.00	0.18	0.196	O				0.10

77.917	0.00	0.18	0.195	O				0.10
78.000	0.00	0.18	0.193	O				0.10
78.083	0.00	0.18	0.192	O				0.10
78.167	0.00	0.18	0.191	O				0.10
78.250	0.00	0.18	0.190	O				0.10
78.333	0.00	0.17	0.189	O				0.10
78.417	0.00	0.17	0.187	O				0.10
78.500	0.00	0.17	0.186	O				0.10
78.583	0.00	0.17	0.185	O				0.09
78.667	0.00	0.17	0.184	O				0.09
78.750	0.00	0.17	0.183	O				0.09
78.833	0.00	0.17	0.182	O				0.09
78.917	0.00	0.17	0.180	O				0.09
79.000	0.00	0.17	0.179	O				0.09
79.083	0.00	0.16	0.178	O				0.09
79.167	0.00	0.16	0.177	O				0.09
79.250	0.00	0.16	0.176	O				0.09
79.333	0.00	0.16	0.175	O				0.09
79.417	0.00	0.16	0.174	O				0.09
79.500	0.00	0.16	0.173	O				0.09
79.583	0.00	0.16	0.171	O				0.09
79.667	0.00	0.16	0.170	O				0.09
79.750	0.00	0.16	0.169	O				0.09
79.833	0.00	0.16	0.168	O				0.09
79.917	0.00	0.15	0.167	O				0.09
80.000	0.00	0.15	0.166	O				0.09
80.083	0.00	0.15	0.165	O				0.08
80.167	0.00	0.15	0.164	O				0.08
80.250	0.00	0.15	0.163	O				0.08
80.333	0.00	0.15	0.162	O				0.08
80.417	0.00	0.15	0.161	O				0.08
80.500	0.00	0.15	0.160	O				0.08
80.583	0.00	0.15	0.159	O				0.08
80.667	0.00	0.15	0.158	O				0.08
80.750	0.00	0.14	0.157	O				0.08
80.833	0.00	0.14	0.156	O				0.08
80.917	0.00	0.14	0.155	O				0.08
81.000	0.00	0.14	0.154	O				0.08
81.083	0.00	0.14	0.153	O				0.08
81.167	0.00	0.14	0.152	O				0.08
81.250	0.00	0.14	0.151	O				0.08
81.333	0.00	0.14	0.150	O				0.08
81.417	0.00	0.14	0.149	O				0.08
81.500	0.00	0.14	0.148	O				0.08
81.583	0.00	0.14	0.147	O				0.08
81.667	0.00	0.14	0.146	O				0.08
81.750	0.00	0.13	0.145	O				0.07
81.833	0.00	0.13	0.144	O				0.07
81.917	0.00	0.13	0.143	O				0.07
82.000	0.00	0.13	0.143	O				0.07
82.083	0.00	0.13	0.142	O				0.07
82.167	0.00	0.13	0.141	O				0.07
82.250	0.00	0.13	0.140	O				0.07
82.333	0.00	0.13	0.139	O				0.07
82.417	0.00	0.13	0.138	O				0.07
82.500	0.00	0.13	0.137	O				0.07
82.583	0.00	0.13	0.136	O				0.07
82.667	0.00	0.13	0.135	O				0.07
82.750	0.00	0.12	0.135	O				0.07
82.833	0.00	0.12	0.134	O				0.07
82.917	0.00	0.12	0.133	O				0.07
83.000	0.00	0.12	0.132	O				0.07
83.083	0.00	0.12	0.131	O				0.07

83.167	0.00	0.12	0.130	O				0.07
83.250	0.00	0.12	0.130	O				0.07
83.333	0.00	0.12	0.129	O				0.07
83.417	0.00	0.12	0.128	O				0.07
83.500	0.00	0.12	0.127	O				0.07
83.583	0.00	0.12	0.126	O				0.06
83.667	0.00	0.12	0.126	O				0.06
83.750	0.00	0.12	0.125	O				0.06
83.833	0.00	0.11	0.124	O				0.06
83.917	0.00	0.11	0.123	O				0.06
84.000	0.00	0.11	0.122	O				0.06
84.083	0.00	0.11	0.122	O				0.06
84.167	0.00	0.11	0.121	O				0.06
84.250	0.00	0.11	0.120	O				0.06
84.333	0.00	0.11	0.119	O				0.06
84.417	0.00	0.11	0.119	O				0.06
84.500	0.00	0.11	0.118	O				0.06
84.583	0.00	0.11	0.117	O				0.06
84.667	0.00	0.11	0.116	O				0.06
84.750	0.00	0.11	0.116	O				0.06
84.833	0.00	0.11	0.115	O				0.06
84.917	0.00	0.11	0.114	O				0.06
85.000	0.00	0.10	0.113	O				0.06
85.083	0.00	0.10	0.113	O				0.06
85.167	0.00	0.10	0.112	O				0.06
85.250	0.00	0.10	0.111	O				0.06
85.333	0.00	0.10	0.111	O				0.06
85.417	0.00	0.10	0.110	O				0.06
85.500	0.00	0.10	0.109	O				0.06
85.583	0.00	0.10	0.108	O				0.06
85.667	0.00	0.10	0.108	O				0.06
85.750	0.00	0.10	0.107	O				0.05
85.833	0.00	0.10	0.106	O				0.05
85.917	0.00	0.10	0.106	O				0.05
86.000	0.00	0.10	0.105	O				0.05
86.083	0.00	0.10	0.104	O				0.05
86.167	0.00	0.10	0.104	O				0.05
86.250	0.00	0.10	0.103	O				0.05
86.333	0.00	0.09	0.102	O				0.05
86.417	0.00	0.09	0.102	O				0.05
86.500	0.00	0.09	0.101	O				0.05
86.583	0.00	0.09	0.100	O				0.05
86.667	0.00	0.09	0.100	O				0.05
86.750	0.00	0.09	0.099	O				0.05
86.833	0.00	0.09	0.099	O				0.05
86.917	0.00	0.09	0.098	O				0.05
87.000	0.00	0.09	0.097	O				0.05
87.083	0.00	0.09	0.097	O				0.05
87.167	0.00	0.09	0.096	O				0.05
87.250	0.00	0.09	0.095	O				0.05
87.333	0.00	0.09	0.095	O				0.05
87.417	0.00	0.09	0.094	O				0.05
87.500	0.00	0.09	0.094	O				0.05
87.583	0.00	0.09	0.093	O				0.05
87.667	0.00	0.09	0.092	O				0.05
87.750	0.00	0.08	0.092	O				0.05
87.833	0.00	0.08	0.091	O				0.05
87.917	0.00	0.08	0.091	O				0.05
88.000	0.00	0.08	0.090	O				0.05
88.083	0.00	0.08	0.090	O				0.05
88.167	0.00	0.08	0.089	O				0.05
88.250	0.00	0.08	0.088	O				0.05
88.333	0.00	0.08	0.088	O				0.05

88.417	0.00	0.08	0.087	O				0.04
88.500	0.00	0.08	0.087	O				0.04
88.583	0.00	0.08	0.086	O				0.04
88.667	0.00	0.08	0.086	O				0.04
88.750	0.00	0.08	0.085	O				0.04
88.833	0.00	0.08	0.085	O				0.04
88.917	0.00	0.08	0.084	O				0.04
89.000	0.00	0.08	0.084	O				0.04
89.083	0.00	0.08	0.083	O				0.04
89.167	0.00	0.08	0.082	O				0.04
89.250	0.00	0.08	0.082	O				0.04
89.333	0.00	0.08	0.081	O				0.04
89.417	0.00	0.07	0.081	O				0.04
89.500	0.00	0.07	0.080	O				0.04
89.583	0.00	0.07	0.080	O				0.04
89.667	0.00	0.07	0.079	O				0.04
89.750	0.00	0.07	0.079	O				0.04
89.833	0.00	0.07	0.078	O				0.04
89.917	0.00	0.07	0.078	O				0.04
90.000	0.00	0.07	0.077	O				0.04
90.083	0.00	0.07	0.077	O				0.04
90.167	0.00	0.07	0.076	O				0.04
90.250	0.00	0.07	0.076	O				0.04
90.333	0.00	0.07	0.075	O				0.04
90.417	0.00	0.07	0.075	O				0.04
90.500	0.00	0.07	0.074	O				0.04
90.583	0.00	0.07	0.074	O				0.04
90.667	0.00	0.07	0.074	O				0.04
90.750	0.00	0.07	0.073	O				0.04
90.833	0.00	0.07	0.073	O				0.04
90.917	0.00	0.07	0.072	O				0.04
91.000	0.00	0.07	0.072	O				0.04
91.083	0.00	0.07	0.071	O				0.04
91.167	0.00	0.07	0.071	O				0.04
91.250	0.00	0.06	0.070	O				0.04
91.333	0.00	0.06	0.070	O				0.04
91.417	0.00	0.06	0.069	O				0.04
91.500	0.00	0.06	0.069	O				0.04
91.583	0.00	0.06	0.069	O				0.04
91.667	0.00	0.06	0.068	O				0.03
91.750	0.00	0.06	0.068	O				0.03
91.833	0.00	0.06	0.067	O				0.03
91.917	0.00	0.06	0.067	O				0.03
92.000	0.00	0.06	0.066	O				0.03
92.083	0.00	0.06	0.066	O				0.03
92.167	0.00	0.06	0.066	O				0.03
92.250	0.00	0.06	0.065	O				0.03
92.333	0.00	0.06	0.065	O				0.03
92.417	0.00	0.06	0.064	O				0.03
92.500	0.00	0.06	0.064	O				0.03
92.583	0.00	0.06	0.064	O				0.03
92.667	0.00	0.06	0.063	O				0.03
92.750	0.00	0.06	0.063	O				0.03
92.833	0.00	0.06	0.062	O				0.03
92.917	0.00	0.06	0.062	O				0.03
93.000	0.00	0.06	0.062	O				0.03
93.083	0.00	0.06	0.061	O				0.03
93.167	0.00	0.06	0.061	O				0.03
93.250	0.00	0.06	0.060	O				0.03
93.333	0.00	0.06	0.060	O				0.03
93.417	0.00	0.06	0.060	O				0.03
93.500	0.00	0.05	0.059	O				0.03
93.583	0.00	0.05	0.059	O				0.03

93.667	0.00	0.05	0.058	O				0.03
93.750	0.00	0.05	0.058	O				0.03
93.833	0.00	0.05	0.058	O				0.03
93.917	0.00	0.05	0.057	O				0.03
94.000	0.00	0.05	0.057	O				0.03
94.083	0.00	0.05	0.057	O				0.03
94.167	0.00	0.05	0.056	O				0.03
94.250	0.00	0.05	0.056	O				0.03
94.333	0.00	0.05	0.056	O				0.03
94.417	0.00	0.05	0.055	O				0.03
94.500	0.00	0.05	0.055	O				0.03
94.583	0.00	0.05	0.055	O				0.03
94.667	0.00	0.05	0.054	O				0.03
94.750	0.00	0.05	0.054	O				0.03
94.833	0.00	0.05	0.053	O				0.03
94.917	0.00	0.05	0.053	O				0.03
95.000	0.00	0.05	0.053	O				0.03
95.083	0.00	0.05	0.052	O				0.03
95.167	0.00	0.05	0.052	O				0.03
95.250	0.00	0.05	0.052	O				0.03
95.333	0.00	0.05	0.051	O				0.03
95.417	0.00	0.05	0.051	O				0.03
95.500	0.00	0.05	0.051	O				0.03
95.583	0.00	0.05	0.051	O				0.03
95.667	0.00	0.05	0.050	O				0.03
95.750	0.00	0.05	0.050	O				0.03
95.833	0.00	0.05	0.050	O				0.03
95.917	0.00	0.05	0.049	O				0.03
96.000	0.00	0.05	0.049	O				0.03
96.083	0.00	0.04	0.049	O				0.02
96.167	0.00	0.04	0.048	O				0.02
96.250	0.00	0.04	0.048	O				0.02
96.333	0.00	0.04	0.048	O				0.02
96.417	0.00	0.04	0.047	O				0.02
96.500	0.00	0.04	0.047	O				0.02
96.583	0.00	0.04	0.047	O				0.02
96.667	0.00	0.04	0.047	O				0.02
96.750	0.00	0.04	0.046	O				0.02
96.833	0.00	0.04	0.046	O				0.02
96.917	0.00	0.04	0.046	O				0.02
97.000	0.00	0.04	0.045	O				0.02
97.083	0.00	0.04	0.045	O				0.02
97.167	0.00	0.04	0.045	O				0.02
97.250	0.00	0.04	0.044	O				0.02
97.333	0.00	0.04	0.044	O				0.02
97.417	0.00	0.04	0.044	O				0.02
97.500	0.00	0.04	0.044	O				0.02
97.583	0.00	0.04	0.043	O				0.02
97.667	0.00	0.04	0.043	O				0.02
97.750	0.00	0.04	0.043	O				0.02
97.833	0.00	0.04	0.043	O				0.02
97.917	0.00	0.04	0.042	O				0.02
98.000	0.00	0.04	0.042	O				0.02
98.083	0.00	0.04	0.042	O				0.02
98.167	0.00	0.04	0.041	O				0.02
98.250	0.00	0.04	0.041	O				0.02
98.333	0.00	0.04	0.041	O				0.02
98.417	0.00	0.04	0.041	O				0.02
98.500	0.00	0.04	0.040	O				0.02
98.583	0.00	0.04	0.040	O				0.02
98.667	0.00	0.04	0.040	O				0.02
98.750	0.00	0.04	0.040	O				0.02
98.833	0.00	0.04	0.039	O				0.02

98.917	0.00	0.04	0.039	O				0.02
99.000	0.00	0.04	0.039	O				0.02
99.083	0.00	0.04	0.039	O				0.02
99.167	0.00	0.04	0.038	O				0.02
99.250	0.00	0.04	0.038	O				0.02
99.333	0.00	0.04	0.038	O				0.02
99.417	0.00	0.03	0.038	O				0.02
99.500	0.00	0.03	0.037	O				0.02
99.583	0.00	0.03	0.037	O				0.02
99.667	0.00	0.03	0.037	O				0.02
99.750	0.00	0.03	0.037	O				0.02
99.833	0.00	0.03	0.037	O				0.02
99.917	0.00	0.03	0.036	O				0.02
100.000	0.00	0.03	0.036	O				0.02
100.083	0.00	0.03	0.036	O				0.02
100.167	0.00	0.03	0.036	O				0.02
100.250	0.00	0.03	0.035	O				0.02
100.333	0.00	0.03	0.035	O				0.02
100.417	0.00	0.03	0.035	O				0.02
100.500	0.00	0.03	0.035	O				0.02
100.583	0.00	0.03	0.034	O				0.02
100.667	0.00	0.03	0.034	O				0.02
100.750	0.00	0.03	0.034	O				0.02
100.833	0.00	0.03	0.034	O				0.02
100.917	0.00	0.03	0.034	O				0.02
101.000	0.00	0.03	0.033	O				0.02
101.083	0.00	0.03	0.033	O				0.02
101.167	0.00	0.03	0.033	O				0.02
101.250	0.00	0.03	0.033	O				0.02
101.333	0.00	0.03	0.033	O				0.02
101.417	0.00	0.03	0.032	O				0.02
101.500	0.00	0.03	0.032	O				0.02
101.583	0.00	0.03	0.032	O				0.02
101.667	0.00	0.03	0.032	O				0.02
101.750	0.00	0.03	0.032	O				0.02
101.833	0.00	0.03	0.031	O				0.02
101.917	0.00	0.03	0.031	O				0.02
102.000	0.00	0.03	0.031	O				0.02
102.083	0.00	0.03	0.031	O				0.02
102.167	0.00	0.03	0.031	O				0.02
102.250	0.00	0.03	0.030	O				0.02
102.333	0.00	0.03	0.030	O				0.02
102.417	0.00	0.03	0.030	O				0.02
102.500	0.00	0.03	0.030	O				0.02
102.583	0.00	0.03	0.030	O				0.02
102.667	0.00	0.03	0.029	O				0.02
102.750	0.00	0.03	0.029	O				0.02
102.833	0.00	0.03	0.029	O				0.01
102.917	0.00	0.03	0.029	O				0.01
103.000	0.00	0.03	0.029	O				0.01
103.083	0.00	0.03	0.028	O				0.01
103.167	0.00	0.03	0.028	O				0.01
103.250	0.00	0.03	0.028	O				0.01
103.333	0.00	0.03	0.028	O				0.01
103.417	0.00	0.03	0.028	O				0.01
103.500	0.00	0.03	0.028	O				0.01
103.583	0.00	0.03	0.027	O				0.01
103.667	0.00	0.03	0.027	O				0.01
103.750	0.00	0.03	0.027	O				0.01
103.833	0.00	0.02	0.027	O				0.01
103.917	0.00	0.02	0.027	O				0.01
104.000	0.00	0.02	0.027	O				0.01
104.083	0.00	0.02	0.026	O				0.01

104.167	0.00	0.02	0.026	O				0.01
104.250	0.00	0.02	0.026	O				0.01
104.333	0.00	0.02	0.026	O				0.01
104.417	0.00	0.02	0.026	O				0.01
104.500	0.00	0.02	0.026	O				0.01
104.583	0.00	0.02	0.025	O				0.01
104.667	0.00	0.02	0.025	O				0.01
104.750	0.00	0.02	0.025	O				0.01
104.833	0.00	0.02	0.025	O				0.01
104.917	0.00	0.02	0.025	O				0.01
105.000	0.00	0.02	0.025	O				0.01
105.083	0.00	0.02	0.024	O				0.01
105.167	0.00	0.02	0.024	O				0.01
105.250	0.00	0.02	0.024	O				0.01
105.333	0.00	0.02	0.024	O				0.01
105.417	0.00	0.02	0.024	O				0.01
105.500	0.00	0.02	0.024	O				0.01
105.583	0.00	0.02	0.024	O				0.01
105.667	0.00	0.02	0.023	O				0.01
105.750	0.00	0.02	0.023	O				0.01
105.833	0.00	0.02	0.023	O				0.01
105.917	0.00	0.02	0.023	O				0.01
106.000	0.00	0.02	0.023	O				0.01
106.083	0.00	0.02	0.023	O				0.01
106.167	0.00	0.02	0.023	O				0.01
106.250	0.00	0.02	0.022	O				0.01
106.333	0.00	0.02	0.022	O				0.01
106.417	0.00	0.02	0.022	O				0.01
106.500	0.00	0.02	0.022	O				0.01
106.583	0.00	0.02	0.022	O				0.01
106.667	0.00	0.02	0.022	O				0.01
106.750	0.00	0.02	0.022	O				0.01
106.833	0.00	0.02	0.021	O				0.01
106.917	0.00	0.02	0.021	O				0.01
107.000	0.00	0.02	0.021	O				0.01
107.083	0.00	0.02	0.021	O				0.01
107.167	0.00	0.02	0.021	O				0.01
107.250	0.00	0.02	0.021	O				0.01
107.333	0.00	0.02	0.021	O				0.01
107.417	0.00	0.02	0.020	O				0.01
107.500	0.00	0.02	0.020	O				0.01
107.583	0.00	0.02	0.020	O				0.01
107.667	0.00	0.02	0.020	O				0.01
107.750	0.00	0.02	0.020	O				0.01
107.833	0.00	0.02	0.020	O				0.01
107.917	0.00	0.02	0.020	O				0.01
108.000	0.00	0.02	0.020	O				0.01
108.083	0.00	0.02	0.019	O				0.01
108.167	0.00	0.02	0.019	O				0.01
108.250	0.00	0.02	0.019	O				0.01
108.333	0.00	0.02	0.019	O				0.01
108.417	0.00	0.02	0.019	O				0.01
108.500	0.00	0.02	0.019	O				0.01
108.583	0.00	0.02	0.019	O				0.01
108.667	0.00	0.02	0.019	O				0.01
108.750	0.00	0.02	0.018	O				0.01
108.833	0.00	0.02	0.018	O				0.01
108.917	0.00	0.02	0.018	O				0.01
109.000	0.00	0.02	0.018	O				0.01
109.083	0.00	0.02	0.018	O				0.01
109.167	0.00	0.02	0.018	O				0.01
109.250	0.00	0.02	0.018	O				0.01
109.333	0.00	0.02	0.018	O				0.01

109.417	0.00	0.02	0.018	O					0.01
109.500	0.00	0.02	0.017	O					0.01
109.583	0.00	0.02	0.017	O					0.01
109.667	0.00	0.02	0.017	O					0.01
109.750	0.00	0.02	0.017	O					0.01
109.833	0.00	0.02	0.017	O					0.01
109.917	0.00	0.02	0.017	O					0.01
110.000	0.00	0.02	0.017	O					0.01
110.083	0.00	0.02	0.017	O					0.01
110.167	0.00	0.02	0.017	O					0.01
110.250	0.00	0.02	0.016	O					0.01
110.333	0.00	0.02	0.016	O					0.01
110.417	0.00	0.02	0.016	O					0.01
110.500	0.00	0.01	0.016	O					0.01
110.583	0.00	0.01	0.016	O					0.01
110.667	0.00	0.01	0.016	O					0.01
110.750	0.00	0.01	0.016	O					0.01
110.833	0.00	0.01	0.016	O					0.01
110.917	0.00	0.01	0.016	O					0.01
111.000	0.00	0.01	0.016	O					0.01
111.083	0.00	0.01	0.015	O					0.01
111.167	0.00	0.01	0.015	O					0.01
111.250	0.00	0.01	0.015	O					0.01
111.333	0.00	0.01	0.015	O					0.01
111.417	0.00	0.01	0.015	O					0.01
111.500	0.00	0.01	0.015	O					0.01
111.583	0.00	0.01	0.015	O					0.01
111.667	0.00	0.01	0.015	O					0.01
111.750	0.00	0.01	0.015	O					0.01
111.833	0.00	0.01	0.015	O					0.01
111.917	0.00	0.01	0.015	O					0.01
112.000	0.00	0.01	0.014	O					0.01
112.083	0.00	0.01	0.014	O					0.01
112.167	0.00	0.01	0.014	O					0.01
112.250	0.00	0.01	0.014	O					0.01
112.333	0.00	0.01	0.014	O					0.01
112.417	0.00	0.01	0.014	O					0.01
112.500	0.00	0.01	0.014	O					0.01
112.583	0.00	0.01	0.014	O					0.01
112.667	0.00	0.01	0.014	O					0.01
112.750	0.00	0.01	0.014	O					0.01
112.833	0.00	0.01	0.014	O					0.01
112.917	0.00	0.01	0.013	O					0.01
113.000	0.00	0.01	0.013	O					0.01
113.083	0.00	0.01	0.013	O					0.01
113.167	0.00	0.01	0.013	O					0.01
113.250	0.00	0.01	0.013	O					0.01
113.333	0.00	0.01	0.013	O					0.01
113.417	0.00	0.01	0.013	O					0.01
113.500	0.00	0.01	0.013	O					0.01
113.583	0.00	0.01	0.013	O					0.01
113.667	0.00	0.01	0.013	O					0.01
113.750	0.00	0.01	0.013	O					0.01
113.833	0.00	0.01	0.013	O					0.01
113.917	0.00	0.01	0.012	O					0.01
114.000	0.00	0.01	0.012	O					0.01
114.083	0.00	0.01	0.012	O					0.01
114.167	0.00	0.01	0.012	O					0.01
114.250	0.00	0.01	0.012	O					0.01
114.333	0.00	0.01	0.012	O					0.01
114.417	0.00	0.01	0.012	O					0.01
114.500	0.00	0.01	0.012	O					0.01
114.583	0.00	0.01	0.012	O					0.01

114.667	0.00	0.01	0.012	O					0.01
114.750	0.00	0.01	0.012	O					0.01
114.833	0.00	0.01	0.012	O					0.01
114.917	0.00	0.01	0.012	O					0.01
115.000	0.00	0.01	0.011	O					0.01
115.083	0.00	0.01	0.011	O					0.01
115.167	0.00	0.01	0.011	O					0.01
115.250	0.00	0.01	0.011	O					0.01
115.333	0.00	0.01	0.011	O					0.01
115.417	0.00	0.01	0.011	O					0.01
115.500	0.00	0.01	0.011	O					0.01
115.583	0.00	0.01	0.011	O					0.01
115.667	0.00	0.01	0.011	O					0.01
115.750	0.00	0.01	0.011	O					0.01
115.833	0.00	0.01	0.011	O					0.01
115.917	0.00	0.01	0.011	O					0.01
116.000	0.00	0.01	0.011	O					0.01
116.083	0.00	0.01	0.011	O					0.01
116.167	0.00	0.01	0.010	O					0.01
116.250	0.00	0.01	0.010	O					0.01
116.333	0.00	0.01	0.010	O					0.01
116.417	0.00	0.01	0.010	O					0.01
116.500	0.00	0.01	0.010	O					0.01
116.583	0.00	0.01	0.010	O					0.01
116.667	0.00	0.01	0.010	O					0.01
116.750	0.00	0.01	0.010	O					0.01
116.833	0.00	0.01	0.010	O					0.01
116.917	0.00	0.01	0.010	O					0.01
117.000	0.00	0.01	0.010	O					0.01
117.083	0.00	0.01	0.010	O					0.01
117.167	0.00	0.01	0.010	O					0.00
117.250	0.00	0.01	0.010	O					0.00
117.333	0.00	0.01	0.010	O					0.00
117.417	0.00	0.01	0.010	O					0.00
117.500	0.00	0.01	0.009	O					0.00
117.583	0.00	0.01	0.009	O					0.00
117.667	0.00	0.01	0.009	O					0.00
117.750	0.00	0.01	0.009	O					0.00
117.833	0.00	0.01	0.009	O					0.00
117.917	0.00	0.01	0.009	O					0.00
118.000	0.00	0.01	0.009	O					0.00
118.083	0.00	0.01	0.009	O					0.00
118.167	0.00	0.01	0.009	O					0.00
118.250	0.00	0.01	0.009	O					0.00
118.333	0.00	0.01	0.009	O					0.00
118.417	0.00	0.01	0.009	O					0.00
118.500	0.00	0.01	0.009	O					0.00
118.583	0.00	0.01	0.009	O					0.00
118.667	0.00	0.01	0.009	O					0.00
118.750	0.00	0.01	0.009	O					0.00
118.833	0.00	0.01	0.009	O					0.00
118.917	0.00	0.01	0.009	O					0.00
119.000	0.00	0.01	0.008	O					0.00
119.083	0.00	0.01	0.008	O					0.00
119.167	0.00	0.01	0.008	O					0.00
119.250	0.00	0.01	0.008	O					0.00
119.333	0.00	0.01	0.008	O					0.00
119.417	0.00	0.01	0.008	O					0.00
119.500	0.00	0.01	0.008	O					0.00
119.583	0.00	0.01	0.008	O					0.00
119.667	0.00	0.01	0.008	O					0.00
119.750	0.00	0.01	0.008	O					0.00
119.833	0.00	0.01	0.008	O					0.00

119.917	0.00	0.01	0.008	O					0.00
120.000	0.00	0.01	0.008	O					0.00
120.083	0.00	0.01	0.008	O					0.00
120.167	0.00	0.01	0.008	O					0.00
120.250	0.00	0.01	0.008	O					0.00
120.333	0.00	0.01	0.008	O					0.00
120.417	0.00	0.01	0.008	O					0.00
120.500	0.00	0.01	0.008	O					0.00
120.583	0.00	0.01	0.007	O					0.00
120.667	0.00	0.01	0.007	O					0.00
120.750	0.00	0.01	0.007	O					0.00
120.833	0.00	0.01	0.007	O					0.00
120.917	0.00	0.01	0.007	O					0.00
121.000	0.00	0.01	0.007	O					0.00
121.083	0.00	0.01	0.007	O					0.00
121.167	0.00	0.01	0.007	O					0.00
121.250	0.00	0.01	0.007	O					0.00
121.333	0.00	0.01	0.007	O					0.00
121.417	0.00	0.01	0.007	O					0.00
121.500	0.00	0.01	0.007	O					0.00
121.583	0.00	0.01	0.007	O					0.00
121.667	0.00	0.01	0.007	O					0.00
121.750	0.00	0.01	0.007	O					0.00
121.833	0.00	0.01	0.007	O					0.00
121.917	0.00	0.01	0.007	O					0.00
122.000	0.00	0.01	0.007	O					0.00
122.083	0.00	0.01	0.007	O					0.00
122.167	0.00	0.01	0.007	O					0.00
122.250	0.00	0.01	0.007	O					0.00
122.333	0.00	0.01	0.007	O					0.00
122.417	0.00	0.01	0.007	O					0.00
122.500	0.00	0.01	0.006	O					0.00
122.583	0.00	0.01	0.006	O					0.00
122.667	0.00	0.01	0.006	O					0.00
122.750	0.00	0.01	0.006	O					0.00
122.833	0.00	0.01	0.006	O					0.00
122.917	0.00	0.01	0.006	O					0.00
123.000	0.00	0.01	0.006	O					0.00
123.083	0.00	0.01	0.006	O					0.00
123.167	0.00	0.01	0.006	O					0.00
123.250	0.00	0.01	0.006	O					0.00
123.333	0.00	0.01	0.006	O					0.00
123.417	0.00	0.01	0.006	O					0.00
123.500	0.00	0.01	0.006	O					0.00
123.583	0.00	0.01	0.006	O					0.00
123.667	0.00	0.01	0.006	O					0.00
123.750	0.00	0.01	0.006	O					0.00
123.833	0.00	0.01	0.006	O					0.00
123.917	0.00	0.01	0.006	O					0.00
124.000	0.00	0.01	0.006	O					0.00
124.083	0.00	0.01	0.006	O					0.00
124.167	0.00	0.01	0.006	O					0.00
124.250	0.00	0.01	0.006	O					0.00
124.333	0.00	0.01	0.006	O					0.00
124.417	0.00	0.01	0.006	O					0.00
124.500	0.00	0.01	0.006	O					0.00
124.583	0.00	0.01	0.006	O					0.00
124.667	0.00	0.01	0.005	O					0.00
124.750	0.00	0.01	0.005	O					0.00
124.833	0.00	0.01	0.005	O					0.00
124.917	0.00	0.00	0.005	O					0.00
125.000	0.00	0.00	0.005	O					0.00
125.083	0.00	0.00	0.005	O					0.00

125.167	0.00	0.00	0.005	O					0.00
125.250	0.00	0.00	0.005	O					0.00
125.333	0.00	0.00	0.005	O					0.00
125.417	0.00	0.00	0.005	O					0.00
125.500	0.00	0.00	0.005	O					0.00
125.583	0.00	0.00	0.005	O					0.00
125.667	0.00	0.00	0.005	O					0.00
125.750	0.00	0.00	0.005	O					0.00
125.833	0.00	0.00	0.005	O					0.00
125.917	0.00	0.00	0.005	O					0.00
126.000	0.00	0.00	0.005	O					0.00
126.083	0.00	0.00	0.005	O					0.00
126.167	0.00	0.00	0.005	O					0.00
126.250	0.00	0.00	0.005	O					0.00
126.333	0.00	0.00	0.005	O					0.00
126.417	0.00	0.00	0.005	O					0.00
126.500	0.00	0.00	0.005	O					0.00
126.583	0.00	0.00	0.005	O					0.00
126.667	0.00	0.00	0.005	O					0.00
126.750	0.00	0.00	0.005	O					0.00
126.833	0.00	0.00	0.005	O					0.00
126.917	0.00	0.00	0.005	O					0.00
127.000	0.00	0.00	0.005	O					0.00
127.083	0.00	0.00	0.005	O					0.00
127.167	0.00	0.00	0.005	O					0.00
127.250	0.00	0.00	0.004	O					0.00
127.333	0.00	0.00	0.004	O					0.00
127.417	0.00	0.00	0.004	O					0.00
127.500	0.00	0.00	0.004	O					0.00
127.583	0.00	0.00	0.004	O					0.00
127.667	0.00	0.00	0.004	O					0.00
127.750	0.00	0.00	0.004	O					0.00
127.833	0.00	0.00	0.004	O					0.00
127.917	0.00	0.00	0.004	O					0.00
128.000	0.00	0.00	0.004	O					0.00
128.083	0.00	0.00	0.004	O					0.00
128.167	0.00	0.00	0.004	O					0.00
128.250	0.00	0.00	0.004	O					0.00
128.333	0.00	0.00	0.004	O					0.00
128.417	0.00	0.00	0.004	O					0.00
128.500	0.00	0.00	0.004	O					0.00
128.583	0.00	0.00	0.004	O					0.00
128.667	0.00	0.00	0.004	O					0.00
128.750	0.00	0.00	0.004	O					0.00
128.833	0.00	0.00	0.004	O					0.00
128.917	0.00	0.00	0.004	O					0.00
129.000	0.00	0.00	0.004	O					0.00
129.083	0.00	0.00	0.004	O					0.00
129.167	0.00	0.00	0.004	O					0.00
129.250	0.00	0.00	0.004	O					0.00
129.333	0.00	0.00	0.004	O					0.00
129.417	0.00	0.00	0.004	O					0.00
129.500	0.00	0.00	0.004	O					0.00
129.583	0.00	0.00	0.004	O					0.00
129.667	0.00	0.00	0.004	O					0.00
129.750	0.00	0.00	0.004	O					0.00
129.833	0.00	0.00	0.004	O					0.00
129.917	0.00	0.00	0.004	O					0.00
130.000	0.00	0.00	0.004	O					0.00
130.083	0.00	0.00	0.004	O					0.00
130.167	0.00	0.00	0.004	O					0.00
130.250	0.00	0.00	0.004	O					0.00
130.333	0.00	0.00	0.004	O					0.00

130.417	0.00	0.00	0.004	O					0.00
130.500	0.00	0.00	0.004	O					0.00
130.583	0.00	0.00	0.003	O					0.00
130.667	0.00	0.00	0.003	O					0.00
130.750	0.00	0.00	0.003	O					0.00
130.833	0.00	0.00	0.003	O					0.00
130.917	0.00	0.00	0.003	O					0.00
131.000	0.00	0.00	0.003	O					0.00
131.083	0.00	0.00	0.003	O					0.00
131.167	0.00	0.00	0.003	O					0.00
131.250	0.00	0.00	0.003	O					0.00
131.333	0.00	0.00	0.003	O					0.00
131.417	0.00	0.00	0.003	O					0.00
131.500	0.00	0.00	0.003	O					0.00
131.583	0.00	0.00	0.003	O					0.00
131.667	0.00	0.00	0.003	O					0.00
131.750	0.00	0.00	0.003	O					0.00
131.833	0.00	0.00	0.003	O					0.00
131.917	0.00	0.00	0.003	O					0.00
132.000	0.00	0.00	0.003	O					0.00
132.083	0.00	0.00	0.003	O					0.00
132.167	0.00	0.00	0.003	O					0.00
132.250	0.00	0.00	0.003	O					0.00
132.333	0.00	0.00	0.003	O					0.00
132.417	0.00	0.00	0.003	O					0.00
132.500	0.00	0.00	0.003	O					0.00
132.583	0.00	0.00	0.003	O					0.00
132.667	0.00	0.00	0.003	O					0.00
132.750	0.00	0.00	0.003	O					0.00
132.833	0.00	0.00	0.003	O					0.00
132.917	0.00	0.00	0.003	O					0.00
133.000	0.00	0.00	0.003	O					0.00
133.083	0.00	0.00	0.003	O					0.00
133.167	0.00	0.00	0.003	O					0.00
133.250	0.00	0.00	0.003	O					0.00
133.333	0.00	0.00	0.003	O					0.00
133.417	0.00	0.00	0.003	O					0.00
133.500	0.00	0.00	0.003	O					0.00
133.583	0.00	0.00	0.003	O					0.00
133.667	0.00	0.00	0.003	O					0.00
133.750	0.00	0.00	0.003	O					0.00
133.833	0.00	0.00	0.003	O					0.00
133.917	0.00	0.00	0.003	O					0.00
134.000	0.00	0.00	0.003	O					0.00
134.083	0.00	0.00	0.003	O					0.00
134.167	0.00	0.00	0.003	O					0.00
134.250	0.00	0.00	0.003	O					0.00
134.333	0.00	0.00	0.003	O					0.00
134.417	0.00	0.00	0.003	O					0.00
134.500	0.00	0.00	0.003	O					0.00
134.583	0.00	0.00	0.003	O					0.00
134.667	0.00	0.00	0.003	O					0.00
134.750	0.00	0.00	0.003	O					0.00
134.833	0.00	0.00	0.003	O					0.00
134.917	0.00	0.00	0.003	O					0.00
135.000	0.00	0.00	0.002	O					0.00
135.083	0.00	0.00	0.002	O					0.00
135.167	0.00	0.00	0.002	O					0.00
135.250	0.00	0.00	0.002	O					0.00
135.333	0.00	0.00	0.002	O					0.00
135.417	0.00	0.00	0.002	O					0.00
135.500	0.00	0.00	0.002	O					0.00
135.583	0.00	0.00	0.002	O					0.00

135.667	0.00	0.00	0.002	O	|	|	|	|	0.00
135.750	0.00	0.00	0.002	O	|	|	|	|	0.00
135.833	0.00	0.00	0.002	O	|	|	|	|	0.00
135.917	0.00	0.00	0.002	O	|	|	|	|	0.00
136.000	0.00	0.00	0.002	O	|	|	|	|	0.00
136.083	0.00	0.00	0.002	O	|	|	|	|	0.00
136.167	0.00	0.00	0.002	O	|	|	|	|	0.00
136.250	0.00	0.00	0.002	O	|	|	|	|	0.00
136.333	0.00	0.00	0.002	O	|	|	|	|	0.00
136.417	0.00	0.00	0.002	O	|	|	|	|	0.00
136.500	0.00	0.00	0.002	O	|	|	|	|	0.00
136.583	0.00	0.00	0.002	O	|	|	|	|	0.00
136.667	0.00	0.00	0.002	O	|	|	|	|	0.00
136.750	0.00	0.00	0.002	O	|	|	|	|	0.00
136.833	0.00	0.00	0.002	O	|	|	|	|	0.00
136.917	0.00	0.00	0.002	O	|	|	|	|	0.00
137.000	0.00	0.00	0.002	O	|	|	|	|	0.00
137.083	0.00	0.00	0.002	O	|	|	|	|	0.00
137.167	0.00	0.00	0.002	O	|	|	|	|	0.00
137.250	0.00	0.00	0.002	O	|	|	|	|	0.00
137.333	0.00	0.00	0.002	O	|	|	|	|	0.00
137.417	0.00	0.00	0.002	O	|	|	|	|	0.00
137.500	0.00	0.00	0.002	O	|	|	|	|	0.00
137.583	0.00	0.00	0.002	O	|	|	|	|	0.00
137.667	0.00	0.00	0.002	O	|	|	|	|	0.00
137.750	0.00	0.00	0.002	O	|	|	|	|	0.00
137.833	0.00	0.00	0.002	O	|	|	|	|	0.00
137.917	0.00	0.00	0.002	O	|	|	|	|	0.00
138.000	0.00	0.00	0.002	O	|	|	|	|	0.00
138.083	0.00	0.00	0.002	O	|	|	|	|	0.00
138.167	0.00	0.00	0.002	O	|	|	|	|	0.00
138.250	0.00	0.00	0.002	O	|	|	|	|	0.00

Remaining water in basin = 0.00 (Ac.Ft)

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

Number of intervals = 1659
Time interval = 5.0 (Min.)
Maximum/Peak flow rate = 7.898 (CFS)
Total volume = 10.615 (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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                FLOOD HYDROGRAPH ROUTING PROGRAM
          Copyright (c) CIVILCADD/CIVILDESIGN, 1989 - 2005
                      Study date: 04/03/24

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Keller Crossing, Tr. 38163
WQ - Detention Basin Routing Area C onsite
Detention Basin C full with DCV at 1426
10-year 1-hour storm Inflow Hydrograph



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Program License Serial Number 4029

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

             From study/file name: 907hydc10pr110.rte
****************************HYDROGRAPH DATA*****************************
             Number of intervals =    20
             Time interval =    5.0 (Min.)
             Maximum/Peak flow rate =      161.063 (CFS)
             Total volume =       5.019 (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       10.000 to Point/Station       11.000
**** RETARDING BASIN ROUTING ****
________________________________________________________________________

User entry of depth-outflow-storage data
------------------------------------------------------------------------
Total number of inflow hydrograph intervals = 20
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  Storage    Outflow   (S-O*dt/2)   (S+O*dt/2)
     (Ft.)    (Ac.Ft)    (CFS)     (Ac.Ft)    (Ac.Ft)
------------------------------------------------------------------------
   0.000      0.000      0.000      0.000        0.000
   1.000      1.948      1.800      1.942        1.954
   2.000      4.304      2.020      4.297        4.311
   3.000      7.054      3.480      7.042        7.066
   4.000     10.094     49.260      9.924       10.264
```

4.500	11.710	87.250	11.410	12.010
5.000	13.325	331.310	12.184	14.466
6.000	16.754	1244.540	12.468	21.040

Hydrograph Detention Basin Routing

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

Time (Hours)	Inflow (CFS)	Outflow (CFS)	Storage (Ac.Ft)	.0 40.3 80.53 120.80 161.06	Depth (Ft.)
0.083	3.21	0.01	0.011	O | | | |	0.01
0.167	13.10	0.06	0.067	O I | | | |	0.03
0.250	19.20	0.16	0.177	O I | | | |	0.09
0.333	22.97	0.30	0.321	O I | | | |	0.16
0.417	26.74	0.45	0.490	O I | | | |	0.25
0.500	31.38	0.63	0.686	O I | | | |	0.35
0.583	37.86	0.85	0.919	O I| | | |	0.47
0.667	45.60	1.11	1.200	O |I | | |	0.62
0.750	63.63	1.45	1.567	O | I | | |	0.80
0.833	115.04	1.82	2.171	O | | I | |	1.09
0.917	161.06	1.91	3.109	O | | | I	1.49
1.000	85.41	1.99	3.945	O | | I | |	1.85
1.083	46.41	2.06	4.385	O |I | | |	2.03
1.167	23.73	2.18	4.611	O I | | | |	2.11
1.250	14.19	2.24	4.727	O I | | | |	2.15
1.333	8.99	2.28	4.791	OI | | | |	2.18
1.417	5.62	2.30	4.826	OI | | | |	2.19
1.500	3.62	2.31	4.842	O | | | |	2.20
1.583	0.76	2.30	4.841	O | | | |	2.20
1.667	0.22	2.30	4.828	O | | | |	2.19
1.750	0.00	2.29	4.813	O | | | |	2.19
1.833	0.00	2.28	4.797	O | | | |	2.18
1.917	0.00	2.27	4.782	O | | | |	2.17
2.000	0.00	2.27	4.766	O | | | |	2.17
2.083	0.00	2.26	4.751	O | | | |	2.16
2.167	0.00	2.25	4.735	O | | | |	2.16
2.250	0.00	2.24	4.720	O | | | |	2.15
2.333	0.00	2.23	4.704	O | | | |	2.15
2.417	0.00	2.22	4.689	O | | | |	2.14
2.500	0.00	2.22	4.674	O | | | |	2.13
2.583	0.00	2.21	4.658	O | | | |	2.13
2.667	0.00	2.20	4.643	O | | | |	2.12
2.750	0.00	2.19	4.628	O | | | |	2.12
2.833	0.00	2.18	4.613	O | | | |	2.11
2.917	0.00	2.18	4.598	O | | | |	2.11
3.000	0.00	2.17	4.583	O | | | |	2.10
3.083	0.00	2.16	4.568	O | | | |	2.10
3.167	0.00	2.15	4.553	O | | | |	2.09
3.250	0.00	2.14	4.538	O | | | |	2.09
3.333	0.00	2.14	4.524	O | | | |	2.08
3.417	0.00	2.13	4.509	O | | | |	2.07
3.500	0.00	2.12	4.494	O | | | |	2.07
3.583	0.00	2.11	4.480	O | | | |	2.06
3.667	0.00	2.11	4.465	O | | | |	2.06
3.750	0.00	2.10	4.451	O | | | |	2.05
3.833	0.00	2.09	4.436	O | | | |	2.05
3.917	0.00	2.08	4.422	O | | | |	2.04
4.000	0.00	2.08	4.408	O | | | |	2.04
4.083	0.00	2.07	4.393	O | | | |	2.03
4.167	0.00	2.06	4.379	O | | | |	2.03
4.250	0.00	2.05	4.365	O | | | |	2.02
4.333	0.00	2.04	4.351	O | | | |	2.02

4.417	0.00	2.04	4.337	O				2.01
4.500	0.00	2.03	4.323	O				2.01
4.583	0.00	2.02	4.309	O				2.00
4.667	0.00	2.02	4.295	O				2.00
4.750	0.00	2.02	4.281	O				1.99
4.833	0.00	2.02	4.267	O				1.98
4.917	0.00	2.02	4.253	O				1.98
5.000	0.00	2.01	4.239	O				1.97
5.083	0.00	2.01	4.226	O				1.97
5.167	0.00	2.01	4.212	O				1.96
5.250	0.00	2.01	4.198	O				1.95
5.333	0.00	2.01	4.184	O				1.95
5.417	0.00	2.01	4.170	O				1.94
5.500	0.00	2.01	4.156	O				1.94
5.583	0.00	2.00	4.143	O				1.93
5.667	0.00	2.00	4.129	O				1.93
5.750	0.00	2.00	4.115	O				1.92
5.833	0.00	2.00	4.101	O				1.91
5.917	0.00	2.00	4.087	O				1.91
6.000	0.00	2.00	4.074	O				1.90
6.083	0.00	2.00	4.060	O				1.90
6.167	0.00	2.00	4.046	O				1.89
6.250	0.00	1.99	4.032	O				1.88
6.333	0.00	1.99	4.019	O				1.88
6.417	0.00	1.99	4.005	O				1.87
6.500	0.00	1.99	3.991	O				1.87
6.583	0.00	1.99	3.977	O				1.86
6.667	0.00	1.99	3.964	O				1.86
6.750	0.00	1.99	3.950	O				1.85
6.833	0.00	1.99	3.936	O				1.84
6.917	0.00	1.98	3.923	O				1.84
7.000	0.00	1.98	3.909	O				1.83
7.083	0.00	1.98	3.895	O				1.83
7.167	0.00	1.98	3.882	O				1.82
7.250	0.00	1.98	3.868	O				1.82
7.333	0.00	1.98	3.855	O				1.81
7.417	0.00	1.98	3.841	O				1.80
7.500	0.00	1.98	3.827	O				1.80
7.583	0.00	1.97	3.814	O				1.79
7.667	0.00	1.97	3.800	O				1.79
7.750	0.00	1.97	3.787	O				1.78
7.833	0.00	1.97	3.773	O				1.77
7.917	0.00	1.97	3.759	O				1.77
8.000	0.00	1.97	3.746	O				1.76
8.083	0.00	1.97	3.732	O				1.76
8.167	0.00	1.97	3.719	O				1.75
8.250	0.00	1.96	3.705	O				1.75
8.333	0.00	1.96	3.692	O				1.74
8.417	0.00	1.96	3.678	O				1.73
8.500	0.00	1.96	3.665	O				1.73
8.583	0.00	1.96	3.651	O				1.72
8.667	0.00	1.96	3.638	O				1.72
8.750	0.00	1.96	3.624	O				1.71
8.833	0.00	1.96	3.611	O				1.71
8.917	0.00	1.95	3.597	O				1.70
9.000	0.00	1.95	3.584	O				1.69
9.083	0.00	1.95	3.570	O				1.69
9.167	0.00	1.95	3.557	O				1.68
9.250	0.00	1.95	3.544	O				1.68
9.333	0.00	1.95	3.530	O				1.67
9.417	0.00	1.95	3.517	O				1.67
9.500	0.00	1.95	3.503	O				1.66
9.583	0.00	1.94	3.490	O				1.65

9.667	0.00	1.94	3.477	O				1.65
9.750	0.00	1.94	3.463	O				1.64
9.833	0.00	1.94	3.450	O				1.64
9.917	0.00	1.94	3.436	O				1.63
10.000	0.00	1.94	3.423	O				1.63
10.083	0.00	1.94	3.410	O				1.62
10.167	0.00	1.94	3.396	O				1.61
10.250	0.00	1.93	3.383	O				1.61
10.333	0.00	1.93	3.370	O				1.60
10.417	0.00	1.93	3.356	O				1.60
10.500	0.00	1.93	3.343	O				1.59
10.583	0.00	1.93	3.330	O				1.59
10.667	0.00	1.93	3.317	O				1.58
10.750	0.00	1.93	3.303	O				1.58
10.833	0.00	1.93	3.290	O				1.57
10.917	0.00	1.92	3.277	O				1.56
11.000	0.00	1.92	3.264	O				1.56
11.083	0.00	1.92	3.250	O				1.55
11.167	0.00	1.92	3.237	O				1.55
11.250	0.00	1.92	3.224	O				1.54
11.333	0.00	1.92	3.211	O				1.54
11.417	0.00	1.92	3.197	O				1.53
11.500	0.00	1.92	3.184	O				1.52
11.583	0.00	1.91	3.171	O				1.52
11.667	0.00	1.91	3.158	O				1.51
11.750	0.00	1.91	3.145	O				1.51
11.833	0.00	1.91	3.132	O				1.50
11.917	0.00	1.91	3.118	O				1.50
12.000	0.00	1.91	3.105	O				1.49
12.083	0.00	1.91	3.092	O				1.49
12.167	0.00	1.91	3.079	O				1.48
12.250	0.00	1.90	3.066	O				1.47
12.333	0.00	1.90	3.053	O				1.47
12.417	0.00	1.90	3.040	O				1.46
12.500	0.00	1.90	3.027	O				1.46
12.583	0.00	1.90	3.013	O				1.45
12.667	0.00	1.90	3.000	O				1.45
12.750	0.00	1.90	2.987	O				1.44
12.833	0.00	1.90	2.974	O				1.44
12.917	0.00	1.89	2.961	O				1.43
13.000	0.00	1.89	2.948	O				1.42
13.083	0.00	1.89	2.935	O				1.42
13.167	0.00	1.89	2.922	O				1.41
13.250	0.00	1.89	2.909	O				1.41
13.333	0.00	1.89	2.896	O				1.40
13.417	0.00	1.89	2.883	O				1.40
13.500	0.00	1.89	2.870	O				1.39
13.583	0.00	1.88	2.857	O				1.39
13.667	0.00	1.88	2.844	O				1.38
13.750	0.00	1.88	2.831	O				1.37
13.833	0.00	1.88	2.818	O				1.37
13.917	0.00	1.88	2.805	O				1.36
14.000	0.00	1.88	2.792	O				1.36
14.083	0.00	1.88	2.779	O				1.35
14.167	0.00	1.88	2.766	O				1.35
14.250	0.00	1.88	2.753	O				1.34
14.333	0.00	1.87	2.741	O				1.34
14.417	0.00	1.87	2.728	O				1.33
14.500	0.00	1.87	2.715	O				1.33
14.583	0.00	1.87	2.702	O				1.32
14.667	0.00	1.87	2.689	O				1.31
14.750	0.00	1.87	2.676	O				1.31
14.833	0.00	1.87	2.663	O				1.30

14.917	0.00	1.87	2.650	O				1.30
15.000	0.00	1.86	2.638	O				1.29
15.083	0.00	1.86	2.625	O				1.29
15.167	0.00	1.86	2.612	O				1.28
15.250	0.00	1.86	2.599	O				1.28
15.333	0.00	1.86	2.586	O				1.27
15.417	0.00	1.86	2.573	O				1.27
15.500	0.00	1.86	2.561	O				1.26
15.583	0.00	1.86	2.548	O				1.25
15.667	0.00	1.85	2.535	O				1.25
15.750	0.00	1.85	2.522	O				1.24
15.833	0.00	1.85	2.510	O				1.24
15.917	0.00	1.85	2.497	O				1.23
16.000	0.00	1.85	2.484	O				1.23
16.083	0.00	1.85	2.471	O				1.22
16.167	0.00	1.85	2.459	O				1.22
16.250	0.00	1.85	2.446	O				1.21
16.333	0.00	1.85	2.433	O				1.21
16.417	0.00	1.84	2.421	O				1.20
16.500	0.00	1.84	2.408	O				1.20
16.583	0.00	1.84	2.395	O				1.19
16.667	0.00	1.84	2.382	O				1.18
16.750	0.00	1.84	2.370	O				1.18
16.833	0.00	1.84	2.357	O				1.17
16.917	0.00	1.84	2.344	O				1.17
17.000	0.00	1.84	2.332	O				1.16
17.083	0.00	1.83	2.319	O				1.16
17.167	0.00	1.83	2.307	O				1.15
17.250	0.00	1.83	2.294	O				1.15
17.333	0.00	1.83	2.281	O				1.14
17.417	0.00	1.83	2.269	O				1.14
17.500	0.00	1.83	2.256	O				1.13
17.583	0.00	1.83	2.243	O				1.13
17.667	0.00	1.83	2.231	O				1.12
17.750	0.00	1.83	2.218	O				1.11
17.833	0.00	1.82	2.206	O				1.11
17.917	0.00	1.82	2.193	O				1.10
18.000	0.00	1.82	2.181	O				1.10
18.083	0.00	1.82	2.168	O				1.09
18.167	0.00	1.82	2.156	O				1.09
18.250	0.00	1.82	2.143	O				1.08
18.333	0.00	1.82	2.131	O				1.08
18.417	0.00	1.82	2.118	O				1.07
18.500	0.00	1.81	2.106	O				1.07
18.583	0.00	1.81	2.093	O				1.06
18.667	0.00	1.81	2.081	O				1.06
18.750	0.00	1.81	2.068	O				1.05
18.833	0.00	1.81	2.056	O				1.05
18.917	0.00	1.81	2.043	O				1.04
19.000	0.00	1.81	2.031	O				1.04
19.083	0.00	1.81	2.018	O				1.03
19.167	0.00	1.81	2.006	O				1.02
19.250	0.00	1.80	1.993	O				1.02
19.333	0.00	1.80	1.981	O				1.01
19.417	0.00	1.80	1.969	O				1.01
19.500	0.00	1.80	1.956	O				1.00
19.583	0.00	1.80	1.944	O				1.00
19.667	0.00	1.78	1.931	O				0.99
19.750	0.00	1.77	1.919	O				0.99
19.833	0.00	1.76	1.907	O				0.98
19.917	0.00	1.75	1.895	O				0.97
20.000	0.00	1.74	1.883	O				0.97
20.083	0.00	1.73	1.871	O				0.96

20.167	0.00	1.72	1.859	O					0.95
20.250	0.00	1.71	1.847	O					0.95
20.333	0.00	1.70	1.836	O					0.94
20.417	0.00	1.69	1.824	O					0.94
20.500	0.00	1.67	1.812	O					0.93
20.583	0.00	1.66	1.801	O					0.92
20.667	0.00	1.65	1.789	O					0.92
20.750	0.00	1.64	1.778	O					0.91
20.833	0.00	1.63	1.767	O					0.91
20.917	0.00	1.62	1.756	O					0.90
21.000	0.00	1.61	1.744	O					0.90
21.083	0.00	1.60	1.733	O					0.89
21.167	0.00	1.59	1.722	O					0.88
21.250	0.00	1.58	1.711	O					0.88
21.333	0.00	1.57	1.701	O					0.87
21.417	0.00	1.56	1.690	O					0.87
21.500	0.00	1.55	1.679	O					0.86
21.583	0.00	1.54	1.668	O					0.86
21.667	0.00	1.53	1.658	O					0.85
21.750	0.00	1.52	1.647	O					0.85
21.833	0.00	1.51	1.637	O					0.84
21.917	0.00	1.50	1.626	O					0.83
22.000	0.00	1.49	1.616	O					0.83
22.083	0.00	1.48	1.606	O					0.82
22.167	0.00	1.47	1.596	O					0.82
22.250	0.00	1.47	1.586	O					0.81
22.333	0.00	1.46	1.576	O					0.81
22.417	0.00	1.45	1.566	O					0.80
22.500	0.00	1.44	1.556	O					0.80
22.583	0.00	1.43	1.546	O					0.79
22.667	0.00	1.42	1.536	O					0.79
22.750	0.00	1.41	1.526	O					0.78
22.833	0.00	1.40	1.517	O					0.78
22.917	0.00	1.39	1.507	O					0.77
23.000	0.00	1.38	1.497	O					0.77
23.083	0.00	1.37	1.488	O					0.76
23.167	0.00	1.37	1.478	O					0.76
23.250	0.00	1.36	1.469	O					0.75
23.333	0.00	1.35	1.460	O					0.75
23.417	0.00	1.34	1.450	O					0.74
23.500	0.00	1.33	1.441	O					0.74
23.583	0.00	1.32	1.432	O					0.74
23.667	0.00	1.31	1.423	O					0.73
23.750	0.00	1.31	1.414	O					0.73
23.833	0.00	1.30	1.405	O					0.72
23.917	0.00	1.29	1.396	O					0.72
24.000	0.00	1.28	1.387	O					0.71
24.083	0.00	1.27	1.378	O					0.71
24.167	0.00	1.27	1.370	O					0.70
24.250	0.00	1.26	1.361	O					0.70
24.333	0.00	1.25	1.352	O					0.69
24.417	0.00	1.24	1.344	O					0.69
24.500	0.00	1.23	1.335	O					0.69
24.583	0.00	1.23	1.327	O					0.68
24.667	0.00	1.22	1.318	O					0.68
24.750	0.00	1.21	1.310	O					0.67
24.833	0.00	1.20	1.302	O					0.67
24.917	0.00	1.20	1.293	O					0.66
25.000	0.00	1.19	1.285	O					0.66
25.083	0.00	1.18	1.277	O					0.66
25.167	0.00	1.17	1.269	O					0.65
25.250	0.00	1.17	1.261	O					0.65
25.333	0.00	1.16	1.253	O					0.64

25.417	0.00	1.15	1.245	O					0.64
25.500	0.00	1.14	1.237	O					0.64
25.583	0.00	1.14	1.229	O					0.63
25.667	0.00	1.13	1.221	O					0.63
25.750	0.00	1.12	1.214	O					0.62
25.833	0.00	1.11	1.206	O					0.62
25.917	0.00	1.11	1.198	O					0.62
26.000	0.00	1.10	1.191	O					0.61
26.083	0.00	1.09	1.183	O					0.61
26.167	0.00	1.09	1.176	O					0.60
26.250	0.00	1.08	1.168	O					0.60
26.333	0.00	1.07	1.161	O					0.60
26.417	0.00	1.07	1.153	O					0.59
26.500	0.00	1.06	1.146	O					0.59
26.583	0.00	1.05	1.139	O					0.58
26.667	0.00	1.05	1.132	O					0.58
26.750	0.00	1.04	1.124	O					0.58
26.833	0.00	1.03	1.117	O					0.57
26.917	0.00	1.03	1.110	O					0.57
27.000	0.00	1.02	1.103	O					0.57
27.083	0.00	1.01	1.096	O					0.56
27.167	0.00	1.01	1.089	O					0.56
27.250	0.00	1.00	1.082	O					0.56
27.333	0.00	0.99	1.075	O					0.55
27.417	0.00	0.99	1.069	O					0.55
27.500	0.00	0.98	1.062	O					0.55
27.583	0.00	0.97	1.055	O					0.54
27.667	0.00	0.97	1.048	O					0.54
27.750	0.00	0.96	1.042	O					0.53
27.833	0.00	0.96	1.035	O					0.53
27.917	0.00	0.95	1.029	O					0.53
28.000	0.00	0.94	1.022	O					0.52
28.083	0.00	0.94	1.016	O					0.52
28.167	0.00	0.93	1.009	O					0.52
28.250	0.00	0.93	1.003	O					0.51
28.333	0.00	0.92	0.996	O					0.51
28.417	0.00	0.91	0.990	O					0.51
28.500	0.00	0.91	0.984	O					0.51
28.583	0.00	0.90	0.978	O					0.50
28.667	0.00	0.90	0.971	O					0.50
28.750	0.00	0.89	0.965	O					0.50
28.833	0.00	0.89	0.959	O					0.49
28.917	0.00	0.88	0.953	O					0.49
29.000	0.00	0.88	0.947	O					0.49
29.083	0.00	0.87	0.941	O					0.48
29.167	0.00	0.86	0.935	O					0.48
29.250	0.00	0.86	0.929	O					0.48
29.333	0.00	0.85	0.923	O					0.47
29.417	0.00	0.85	0.917	O					0.47
29.500	0.00	0.84	0.911	O					0.47
29.583	0.00	0.84	0.906	O					0.46
29.667	0.00	0.83	0.900	O					0.46
29.750	0.00	0.83	0.894	O					0.46
29.833	0.00	0.82	0.889	O					0.46
29.917	0.00	0.82	0.883	O					0.45
30.000	0.00	0.81	0.877	O					0.45
30.083	0.00	0.81	0.872	O					0.45
30.167	0.00	0.80	0.866	O					0.44
30.250	0.00	0.80	0.861	O					0.44
30.333	0.00	0.79	0.855	O					0.44
30.417	0.00	0.79	0.850	O					0.44
30.500	0.00	0.78	0.844	O					0.43
30.583	0.00	0.78	0.839	O					0.43

30.667	0.00	0.77	0.834	O				0.43
30.750	0.00	0.77	0.828	O				0.43
30.833	0.00	0.76	0.823	O				0.42
30.917	0.00	0.76	0.818	O				0.42
31.000	0.00	0.75	0.813	O				0.42
31.083	0.00	0.75	0.808	O				0.41
31.167	0.00	0.74	0.803	O				0.41
31.250	0.00	0.74	0.797	O				0.41
31.333	0.00	0.73	0.792	O				0.41
31.417	0.00	0.73	0.787	O				0.40
31.500	0.00	0.72	0.782	O				0.40
31.583	0.00	0.72	0.777	O				0.40
31.667	0.00	0.71	0.772	O				0.40
31.750	0.00	0.71	0.768	O				0.39
31.833	0.00	0.70	0.763	O				0.39
31.917	0.00	0.70	0.758	O				0.39
32.000	0.00	0.70	0.753	O				0.39
32.083	0.00	0.69	0.748	O				0.38
32.167	0.00	0.69	0.744	O				0.38
32.250	0.00	0.68	0.739	O				0.38
32.333	0.00	0.68	0.734	O				0.38
32.417	0.00	0.67	0.729	O				0.37
32.500	0.00	0.67	0.725	O				0.37
32.583	0.00	0.67	0.720	O				0.37
32.667	0.00	0.66	0.716	O				0.37
32.750	0.00	0.66	0.711	O				0.37
32.833	0.00	0.65	0.707	O				0.36
32.917	0.00	0.65	0.702	O				0.36
33.000	0.00	0.64	0.698	O				0.36
33.083	0.00	0.64	0.693	O				0.36
33.167	0.00	0.64	0.689	O				0.35
33.250	0.00	0.63	0.685	O				0.35
33.333	0.00	0.63	0.680	O				0.35
33.417	0.00	0.62	0.676	O				0.35
33.500	0.00	0.62	0.672	O				0.34
33.583	0.00	0.62	0.667	O				0.34
33.667	0.00	0.61	0.663	O				0.34
33.750	0.00	0.61	0.659	O				0.34
33.833	0.00	0.60	0.655	O				0.34
33.917	0.00	0.60	0.651	O				0.33
34.000	0.00	0.60	0.646	O				0.33
34.083	0.00	0.59	0.642	O				0.33
34.167	0.00	0.59	0.638	O				0.33
34.250	0.00	0.59	0.634	O				0.33
34.333	0.00	0.58	0.630	O				0.32
34.417	0.00	0.58	0.626	O				0.32
34.500	0.00	0.57	0.622	O				0.32
34.583	0.00	0.57	0.618	O				0.32
34.667	0.00	0.57	0.614	O				0.32
34.750	0.00	0.56	0.610	O				0.31
34.833	0.00	0.56	0.607	O				0.31
34.917	0.00	0.56	0.603	O				0.31
35.000	0.00	0.55	0.599	O				0.31
35.083	0.00	0.55	0.595	O				0.31
35.167	0.00	0.55	0.591	O				0.30
35.250	0.00	0.54	0.588	O				0.30
35.333	0.00	0.54	0.584	O				0.30
35.417	0.00	0.54	0.580	O				0.30
35.500	0.00	0.53	0.576	O				0.30
35.583	0.00	0.53	0.573	O				0.29
35.667	0.00	0.53	0.569	O				0.29
35.750	0.00	0.52	0.566	O				0.29
35.833	0.00	0.52	0.562	O				0.29

35.917	0.00	0.52	0.558	O					0.29
36.000	0.00	0.51	0.555	O					0.28
36.083	0.00	0.51	0.551	O					0.28
36.167	0.00	0.51	0.548	O					0.28
36.250	0.00	0.50	0.544	O					0.28
36.333	0.00	0.50	0.541	O					0.28
36.417	0.00	0.50	0.537	O					0.28
36.500	0.00	0.49	0.534	O					0.27
36.583	0.00	0.49	0.531	O					0.27
36.667	0.00	0.49	0.527	O					0.27
36.750	0.00	0.48	0.524	O					0.27
36.833	0.00	0.48	0.521	O					0.27
36.917	0.00	0.48	0.517	O					0.27
37.000	0.00	0.47	0.514	O					0.26
37.083	0.00	0.47	0.511	O					0.26
37.167	0.00	0.47	0.508	O					0.26
37.250	0.00	0.47	0.504	O					0.26
37.333	0.00	0.46	0.501	O					0.26
37.417	0.00	0.46	0.498	O					0.26
37.500	0.00	0.46	0.495	O					0.25
37.583	0.00	0.45	0.492	O					0.25
37.667	0.00	0.45	0.489	O					0.25
37.750	0.00	0.45	0.485	O					0.25
37.833	0.00	0.45	0.482	O					0.25
37.917	0.00	0.44	0.479	O					0.25
38.000	0.00	0.44	0.476	O					0.24
38.083	0.00	0.44	0.473	O					0.24
38.167	0.00	0.43	0.470	O					0.24
38.250	0.00	0.43	0.467	O					0.24
38.333	0.00	0.43	0.464	O					0.24
38.417	0.00	0.43	0.461	O					0.24
38.500	0.00	0.42	0.458	O					0.24
38.583	0.00	0.42	0.456	O					0.23
38.667	0.00	0.42	0.453	O					0.23
38.750	0.00	0.42	0.450	O					0.23
38.833	0.00	0.41	0.447	O					0.23
38.917	0.00	0.41	0.444	O					0.23
39.000	0.00	0.41	0.441	O					0.23
39.083	0.00	0.41	0.438	O					0.23
39.167	0.00	0.40	0.436	O					0.22
39.250	0.00	0.40	0.433	O					0.22
39.333	0.00	0.40	0.430	O					0.22
39.417	0.00	0.39	0.427	O					0.22
39.500	0.00	0.39	0.425	O					0.22
39.583	0.00	0.39	0.422	O					0.22
39.667	0.00	0.39	0.419	O					0.22
39.750	0.00	0.39	0.417	O					0.21
39.833	0.00	0.38	0.414	O					0.21
39.917	0.00	0.38	0.411	O					0.21
40.000	0.00	0.38	0.409	O					0.21
40.083	0.00	0.38	0.406	O					0.21
40.167	0.00	0.37	0.404	O					0.21
40.250	0.00	0.37	0.401	O					0.21
40.333	0.00	0.37	0.399	O					0.20
40.417	0.00	0.37	0.396	O					0.20
40.500	0.00	0.36	0.393	O					0.20
40.583	0.00	0.36	0.391	O					0.20
40.667	0.00	0.36	0.389	O					0.20
40.750	0.00	0.36	0.386	O					0.20
40.833	0.00	0.35	0.384	O					0.20
40.917	0.00	0.35	0.381	O					0.20
41.000	0.00	0.35	0.379	O					0.19
41.083	0.00	0.35	0.376	O					0.19

41.167	0.00	0.35	0.374	O				0.19
41.250	0.00	0.34	0.372	O				0.19
41.333	0.00	0.34	0.369	O				0.19
41.417	0.00	0.34	0.367	O				0.19
41.500	0.00	0.34	0.365	O				0.19
41.583	0.00	0.33	0.362	O				0.19
41.667	0.00	0.33	0.360	O				0.18
41.750	0.00	0.33	0.358	O				0.18
41.833	0.00	0.33	0.355	O				0.18
41.917	0.00	0.33	0.353	O				0.18
42.000	0.00	0.32	0.351	O				0.18
42.083	0.00	0.32	0.349	O				0.18
42.167	0.00	0.32	0.346	O				0.18
42.250	0.00	0.32	0.344	O				0.18
42.333	0.00	0.32	0.342	O				0.18
42.417	0.00	0.31	0.340	O				0.17
42.500	0.00	0.31	0.338	O				0.17
42.583	0.00	0.31	0.336	O				0.17
42.667	0.00	0.31	0.333	O				0.17
42.750	0.00	0.31	0.331	O				0.17
42.833	0.00	0.30	0.329	O				0.17
42.917	0.00	0.30	0.327	O				0.17
43.000	0.00	0.30	0.325	O				0.17
43.083	0.00	0.30	0.323	O				0.17
43.167	0.00	0.30	0.321	O				0.16
43.250	0.00	0.29	0.319	O				0.16
43.333	0.00	0.29	0.317	O				0.16
43.417	0.00	0.29	0.315	O				0.16
43.500	0.00	0.29	0.313	O				0.16
43.583	0.00	0.29	0.311	O				0.16
43.667	0.00	0.29	0.309	O				0.16
43.750	0.00	0.28	0.307	O				0.16
43.833	0.00	0.28	0.305	O				0.16
43.917	0.00	0.28	0.303	O				0.16
44.000	0.00	0.28	0.301	O				0.15
44.083	0.00	0.28	0.299	O				0.15
44.167	0.00	0.27	0.297	O				0.15
44.250	0.00	0.27	0.296	O				0.15
44.333	0.00	0.27	0.294	O				0.15
44.417	0.00	0.27	0.292	O				0.15
44.500	0.00	0.27	0.290	O				0.15
44.583	0.00	0.27	0.288	O				0.15
44.667	0.00	0.26	0.286	O				0.15
44.750	0.00	0.26	0.284	O				0.15
44.833	0.00	0.26	0.283	O				0.15
44.917	0.00	0.26	0.281	O				0.14
45.000	0.00	0.26	0.279	O				0.14
45.083	0.00	0.26	0.277	O				0.14
45.167	0.00	0.25	0.276	O				0.14
45.250	0.00	0.25	0.274	O				0.14
45.333	0.00	0.25	0.272	O				0.14
45.417	0.00	0.25	0.270	O				0.14
45.500	0.00	0.25	0.269	O				0.14
45.583	0.00	0.25	0.267	O				0.14
45.667	0.00	0.25	0.265	O				0.14
45.750	0.00	0.24	0.264	O				0.14
45.833	0.00	0.24	0.262	O				0.13
45.917	0.00	0.24	0.260	O				0.13
46.000	0.00	0.24	0.259	O				0.13
46.083	0.00	0.24	0.257	O				0.13
46.167	0.00	0.24	0.255	O				0.13
46.250	0.00	0.23	0.254	O				0.13
46.333	0.00	0.23	0.252	O				0.13

46.417	0.00	0.23	0.250	O				0.13
46.500	0.00	0.23	0.249	O				0.13
46.583	0.00	0.23	0.247	O				0.13
46.667	0.00	0.23	0.246	O				0.13
46.750	0.00	0.23	0.244	O				0.13
46.833	0.00	0.22	0.243	O				0.12
46.917	0.00	0.22	0.241	O				0.12
47.000	0.00	0.22	0.240	O				0.12
47.083	0.00	0.22	0.238	O				0.12
47.167	0.00	0.22	0.236	O				0.12
47.250	0.00	0.22	0.235	O				0.12
47.333	0.00	0.22	0.234	O				0.12
47.417	0.00	0.21	0.232	O				0.12
47.500	0.00	0.21	0.231	O				0.12
47.583	0.00	0.21	0.229	O				0.12
47.667	0.00	0.21	0.228	O				0.12
47.750	0.00	0.21	0.226	O				0.12
47.833	0.00	0.21	0.225	O				0.12
47.917	0.00	0.21	0.223	O				0.11
48.000	0.00	0.21	0.222	O				0.11
48.083	0.00	0.20	0.221	O				0.11
48.167	0.00	0.20	0.219	O				0.11
48.250	0.00	0.20	0.218	O				0.11
48.333	0.00	0.20	0.216	O				0.11
48.417	0.00	0.20	0.215	O				0.11
48.500	0.00	0.20	0.214	O				0.11
48.583	0.00	0.20	0.212	O				0.11
48.667	0.00	0.19	0.211	O				0.11
48.750	0.00	0.19	0.210	O				0.11
48.833	0.00	0.19	0.208	O				0.11
48.917	0.00	0.19	0.207	O				0.11
49.000	0.00	0.19	0.206	O				0.11
49.083	0.00	0.19	0.204	O				0.10
49.167	0.00	0.19	0.203	O				0.10
49.250	0.00	0.19	0.202	O				0.10
49.333	0.00	0.19	0.200	O				0.10
49.417	0.00	0.18	0.199	O				0.10
49.500	0.00	0.18	0.198	O				0.10
49.583	0.00	0.18	0.197	O				0.10
49.667	0.00	0.18	0.195	O				0.10
49.750	0.00	0.18	0.194	O				0.10
49.833	0.00	0.18	0.193	O				0.10
49.917	0.00	0.18	0.192	O				0.10
50.000	0.00	0.18	0.190	O				0.10
50.083	0.00	0.17	0.189	O				0.10
50.167	0.00	0.17	0.188	O				0.10
50.250	0.00	0.17	0.187	O				0.10
50.333	0.00	0.17	0.186	O				0.10
50.417	0.00	0.17	0.185	O				0.09
50.500	0.00	0.17	0.183	O				0.09
50.583	0.00	0.17	0.182	O				0.09
50.667	0.00	0.17	0.181	O				0.09
50.750	0.00	0.17	0.180	O				0.09
50.833	0.00	0.17	0.179	O				0.09
50.917	0.00	0.16	0.178	O				0.09
51.000	0.00	0.16	0.176	O				0.09
51.083	0.00	0.16	0.175	O				0.09
51.167	0.00	0.16	0.174	O				0.09
51.250	0.00	0.16	0.173	O				0.09
51.333	0.00	0.16	0.172	O				0.09
51.417	0.00	0.16	0.171	O				0.09
51.500	0.00	0.16	0.170	O				0.09
51.583	0.00	0.16	0.169	O				0.09

51.667	0.00	0.15	0.168	O				0.09
51.750	0.00	0.15	0.167	O				0.09
51.833	0.00	0.15	0.166	O				0.09
51.917	0.00	0.15	0.165	O				0.08
52.000	0.00	0.15	0.164	O				0.08
52.083	0.00	0.15	0.162	O				0.08
52.167	0.00	0.15	0.161	O				0.08
52.250	0.00	0.15	0.160	O				0.08
52.333	0.00	0.15	0.159	O				0.08
52.417	0.00	0.15	0.158	O				0.08
52.500	0.00	0.15	0.157	O				0.08
52.583	0.00	0.14	0.156	O				0.08
52.667	0.00	0.14	0.155	O				0.08
52.750	0.00	0.14	0.154	O				0.08
52.833	0.00	0.14	0.153	O				0.08
52.917	0.00	0.14	0.152	O				0.08
53.000	0.00	0.14	0.151	O				0.08
53.083	0.00	0.14	0.151	O				0.08
53.167	0.00	0.14	0.150	O				0.08
53.250	0.00	0.14	0.149	O				0.08
53.333	0.00	0.14	0.148	O				0.08
53.417	0.00	0.14	0.147	O				0.08
53.500	0.00	0.13	0.146	O				0.07
53.583	0.00	0.13	0.145	O				0.07
53.667	0.00	0.13	0.144	O				0.07
53.750	0.00	0.13	0.143	O				0.07
53.833	0.00	0.13	0.142	O				0.07
53.917	0.00	0.13	0.141	O				0.07
54.000	0.00	0.13	0.140	O				0.07
54.083	0.00	0.13	0.139	O				0.07
54.167	0.00	0.13	0.139	O				0.07
54.250	0.00	0.13	0.138	O				0.07
54.333	0.00	0.13	0.137	O				0.07
54.417	0.00	0.13	0.136	O				0.07
54.500	0.00	0.12	0.135	O				0.07
54.583	0.00	0.12	0.134	O				0.07
54.667	0.00	0.12	0.133	O				0.07
54.750	0.00	0.12	0.133	O				0.07
54.833	0.00	0.12	0.132	O				0.07
54.917	0.00	0.12	0.131	O				0.07
55.000	0.00	0.12	0.130	O				0.07
55.083	0.00	0.12	0.129	O				0.07
55.167	0.00	0.12	0.128	O				0.07
55.250	0.00	0.12	0.128	O				0.07
55.333	0.00	0.12	0.127	O				0.07
55.417	0.00	0.12	0.126	O				0.06
55.500	0.00	0.12	0.125	O				0.06
55.583	0.00	0.11	0.124	O				0.06
55.667	0.00	0.11	0.124	O				0.06
55.750	0.00	0.11	0.123	O				0.06
55.833	0.00	0.11	0.122	O				0.06
55.917	0.00	0.11	0.121	O				0.06
56.000	0.00	0.11	0.120	O				0.06
56.083	0.00	0.11	0.120	O				0.06
56.167	0.00	0.11	0.119	O				0.06
56.250	0.00	0.11	0.118	O				0.06
56.333	0.00	0.11	0.117	O				0.06
56.417	0.00	0.11	0.117	O				0.06
56.500	0.00	0.11	0.116	O				0.06
56.583	0.00	0.11	0.115	O				0.06
56.667	0.00	0.11	0.114	O				0.06
56.750	0.00	0.11	0.114	O				0.06
56.833	0.00	0.10	0.113	O				0.06

56.917	0.00	0.10	0.112	O				0.06
57.000	0.00	0.10	0.112	O				0.06
57.083	0.00	0.10	0.111	O				0.06
57.167	0.00	0.10	0.110	O				0.06
57.250	0.00	0.10	0.109	O				0.06
57.333	0.00	0.10	0.109	O				0.06
57.417	0.00	0.10	0.108	O				0.06
57.500	0.00	0.10	0.107	O				0.06
57.583	0.00	0.10	0.107	O				0.05
57.667	0.00	0.10	0.106	O				0.05
57.750	0.00	0.10	0.105	O				0.05
57.833	0.00	0.10	0.105	O				0.05
57.917	0.00	0.10	0.104	O				0.05
58.000	0.00	0.10	0.103	O				0.05
58.083	0.00	0.09	0.103	O				0.05
58.167	0.00	0.09	0.102	O				0.05
58.250	0.00	0.09	0.101	O				0.05
58.333	0.00	0.09	0.101	O				0.05
58.417	0.00	0.09	0.100	O				0.05
58.500	0.00	0.09	0.100	O				0.05
58.583	0.00	0.09	0.099	O				0.05
58.667	0.00	0.09	0.098	O				0.05
58.750	0.00	0.09	0.098	O				0.05
58.833	0.00	0.09	0.097	O				0.05
58.917	0.00	0.09	0.096	O				0.05
59.000	0.00	0.09	0.096	O				0.05
59.083	0.00	0.09	0.095	O				0.05
59.167	0.00	0.09	0.095	O				0.05
59.250	0.00	0.09	0.094	O				0.05
59.333	0.00	0.09	0.093	O				0.05
59.417	0.00	0.09	0.093	O				0.05
59.500	0.00	0.09	0.092	O				0.05
59.583	0.00	0.08	0.092	O				0.05
59.667	0.00	0.08	0.091	O				0.05
59.750	0.00	0.08	0.090	O				0.05
59.833	0.00	0.08	0.090	O				0.05
59.917	0.00	0.08	0.089	O				0.05
60.000	0.00	0.08	0.089	O				0.05
60.083	0.00	0.08	0.088	O				0.05
60.167	0.00	0.08	0.088	O				0.04
60.250	0.00	0.08	0.087	O				0.04
60.333	0.00	0.08	0.087	O				0.04
60.417	0.00	0.08	0.086	O				0.04
60.500	0.00	0.08	0.085	O				0.04
60.583	0.00	0.08	0.085	O				0.04
60.667	0.00	0.08	0.084	O				0.04
60.750	0.00	0.08	0.084	O				0.04
60.833	0.00	0.08	0.083	O				0.04
60.917	0.00	0.08	0.083	O				0.04
61.000	0.00	0.08	0.082	O				0.04
61.083	0.00	0.08	0.082	O				0.04
61.167	0.00	0.08	0.081	O				0.04
61.250	0.00	0.07	0.081	O				0.04
61.333	0.00	0.07	0.080	O				0.04
61.417	0.00	0.07	0.080	O				0.04
61.500	0.00	0.07	0.079	O				0.04
61.583	0.00	0.07	0.079	O				0.04
61.667	0.00	0.07	0.078	O				0.04
61.750	0.00	0.07	0.078	O				0.04
61.833	0.00	0.07	0.077	O				0.04
61.917	0.00	0.07	0.077	O				0.04
62.000	0.00	0.07	0.076	O				0.04
62.083	0.00	0.07	0.076	O				0.04

62.167	0.00	0.07	0.075	O				0.04
62.250	0.00	0.07	0.075	O				0.04
62.333	0.00	0.07	0.074	O				0.04
62.417	0.00	0.07	0.074	O				0.04
62.500	0.00	0.07	0.073	O				0.04
62.583	0.00	0.07	0.073	O				0.04
62.667	0.00	0.07	0.072	O				0.04
62.750	0.00	0.07	0.072	O				0.04
62.833	0.00	0.07	0.071	O				0.04
62.917	0.00	0.07	0.071	O				0.04
63.000	0.00	0.07	0.071	O				0.04
63.083	0.00	0.06	0.070	O				0.04
63.167	0.00	0.06	0.070	O				0.04
63.250	0.00	0.06	0.069	O				0.04
63.333	0.00	0.06	0.069	O				0.04
63.417	0.00	0.06	0.068	O				0.04
63.500	0.00	0.06	0.068	O				0.03
63.583	0.00	0.06	0.068	O				0.03
63.667	0.00	0.06	0.067	O				0.03
63.750	0.00	0.06	0.067	O				0.03
63.833	0.00	0.06	0.066	O				0.03
63.917	0.00	0.06	0.066	O				0.03
64.000	0.00	0.06	0.065	O				0.03
64.083	0.00	0.06	0.065	O				0.03
64.167	0.00	0.06	0.065	O				0.03
64.250	0.00	0.06	0.064	O				0.03
64.333	0.00	0.06	0.064	O				0.03
64.417	0.00	0.06	0.063	O				0.03
64.500	0.00	0.06	0.063	O				0.03
64.583	0.00	0.06	0.063	O				0.03
64.667	0.00	0.06	0.062	O				0.03
64.750	0.00	0.06	0.062	O				0.03
64.833	0.00	0.06	0.061	O				0.03
64.917	0.00	0.06	0.061	O				0.03
65.000	0.00	0.06	0.061	O				0.03
65.083	0.00	0.06	0.060	O				0.03
65.167	0.00	0.06	0.060	O				0.03
65.250	0.00	0.05	0.059	O				0.03
65.333	0.00	0.05	0.059	O				0.03
65.417	0.00	0.05	0.059	O				0.03
65.500	0.00	0.05	0.058	O				0.03
65.583	0.00	0.05	0.058	O				0.03
65.667	0.00	0.05	0.058	O				0.03
65.750	0.00	0.05	0.057	O				0.03
65.833	0.00	0.05	0.057	O				0.03
65.917	0.00	0.05	0.056	O				0.03
66.000	0.00	0.05	0.056	O				0.03
66.083	0.00	0.05	0.056	O				0.03
66.167	0.00	0.05	0.055	O				0.03
66.250	0.00	0.05	0.055	O				0.03
66.333	0.00	0.05	0.055	O				0.03
66.417	0.00	0.05	0.054	O				0.03
66.500	0.00	0.05	0.054	O				0.03
66.583	0.00	0.05	0.054	O				0.03
66.667	0.00	0.05	0.053	O				0.03
66.750	0.00	0.05	0.053	O				0.03
66.833	0.00	0.05	0.053	O				0.03
66.917	0.00	0.05	0.052	O				0.03
67.000	0.00	0.05	0.052	O				0.03
67.083	0.00	0.05	0.052	O				0.03
67.167	0.00	0.05	0.051	O				0.03
67.250	0.00	0.05	0.051	O				0.03
67.333	0.00	0.05	0.051	O				0.03

67.417	0.00	0.05	0.050	O					0.03
67.500	0.00	0.05	0.050	O					0.03
67.583	0.00	0.05	0.050	O					0.03
67.667	0.00	0.05	0.049	O					0.03
67.750	0.00	0.05	0.049	O					0.03
67.833	0.00	0.05	0.049	O					0.03
67.917	0.00	0.04	0.048	O					0.02
68.000	0.00	0.04	0.048	O					0.02
68.083	0.00	0.04	0.048	O					0.02
68.167	0.00	0.04	0.048	O					0.02
68.250	0.00	0.04	0.047	O					0.02
68.333	0.00	0.04	0.047	O					0.02
68.417	0.00	0.04	0.047	O					0.02
68.500	0.00	0.04	0.046	O					0.02
68.583	0.00	0.04	0.046	O					0.02
68.667	0.00	0.04	0.046	O					0.02
68.750	0.00	0.04	0.045	O					0.02
68.833	0.00	0.04	0.045	O					0.02
68.917	0.00	0.04	0.045	O					0.02
69.000	0.00	0.04	0.045	O					0.02
69.083	0.00	0.04	0.044	O					0.02
69.167	0.00	0.04	0.044	O					0.02
69.250	0.00	0.04	0.044	O					0.02
69.333	0.00	0.04	0.044	O					0.02
69.417	0.00	0.04	0.043	O					0.02
69.500	0.00	0.04	0.043	O					0.02
69.583	0.00	0.04	0.043	O					0.02
69.667	0.00	0.04	0.042	O					0.02
69.750	0.00	0.04	0.042	O					0.02
69.833	0.00	0.04	0.042	O					0.02
69.917	0.00	0.04	0.042	O					0.02
70.000	0.00	0.04	0.041	O					0.02
70.083	0.00	0.04	0.041	O					0.02
70.167	0.00	0.04	0.041	O					0.02
70.250	0.00	0.04	0.041	O					0.02
70.333	0.00	0.04	0.040	O					0.02
70.417	0.00	0.04	0.040	O					0.02
70.500	0.00	0.04	0.040	O					0.02
70.583	0.00	0.04	0.040	O					0.02
70.667	0.00	0.04	0.039	O					0.02
70.750	0.00	0.04	0.039	O					0.02
70.833	0.00	0.04	0.039	O					0.02
70.917	0.00	0.04	0.039	O					0.02
71.000	0.00	0.04	0.038	O					0.02
71.083	0.00	0.04	0.038	O					0.02
71.167	0.00	0.03	0.038	O					0.02
71.250	0.00	0.03	0.038	O					0.02
71.333	0.00	0.03	0.037	O					0.02
71.417	0.00	0.03	0.037	O					0.02
71.500	0.00	0.03	0.037	O					0.02
71.583	0.00	0.03	0.037	O					0.02
71.667	0.00	0.03	0.036	O					0.02
71.750	0.00	0.03	0.036	O					0.02
71.833	0.00	0.03	0.036	O					0.02
71.917	0.00	0.03	0.036	O					0.02
72.000	0.00	0.03	0.035	O					0.02
72.083	0.00	0.03	0.035	O					0.02
72.167	0.00	0.03	0.035	O					0.02
72.250	0.00	0.03	0.035	O					0.02
72.333	0.00	0.03	0.035	O					0.02
72.417	0.00	0.03	0.034	O					0.02
72.500	0.00	0.03	0.034	O					0.02
72.583	0.00	0.03	0.034	O					0.02

72.667	0.00	0.03	0.034	O				0.02
72.750	0.00	0.03	0.034	O				0.02
72.833	0.00	0.03	0.033	O				0.02
72.917	0.00	0.03	0.033	O				0.02
73.000	0.00	0.03	0.033	O				0.02
73.083	0.00	0.03	0.033	O				0.02
73.167	0.00	0.03	0.032	O				0.02
73.250	0.00	0.03	0.032	O				0.02
73.333	0.00	0.03	0.032	O				0.02
73.417	0.00	0.03	0.032	O				0.02
73.500	0.00	0.03	0.032	O				0.02
73.583	0.00	0.03	0.031	O				0.02
73.667	0.00	0.03	0.031	O				0.02
73.750	0.00	0.03	0.031	O				0.02
73.833	0.00	0.03	0.031	O				0.02
73.917	0.00	0.03	0.031	O				0.02
74.000	0.00	0.03	0.030	O				0.02
74.083	0.00	0.03	0.030	O				0.02
74.167	0.00	0.03	0.030	O				0.02
74.250	0.00	0.03	0.030	O				0.02
74.333	0.00	0.03	0.030	O				0.02
74.417	0.00	0.03	0.030	O				0.02
74.500	0.00	0.03	0.029	O				0.02
74.583	0.00	0.03	0.029	O				0.01
74.667	0.00	0.03	0.029	O				0.01
74.750	0.00	0.03	0.029	O				0.01
74.833	0.00	0.03	0.029	O				0.01
74.917	0.00	0.03	0.028	O				0.01
75.000	0.00	0.03	0.028	O				0.01
75.083	0.00	0.03	0.028	O				0.01
75.167	0.00	0.03	0.028	O				0.01
75.250	0.00	0.03	0.028	O				0.01
75.333	0.00	0.03	0.028	O				0.01
75.417	0.00	0.03	0.027	O				0.01
75.500	0.00	0.03	0.027	O				0.01
75.583	0.00	0.02	0.027	O				0.01
75.667	0.00	0.02	0.027	O				0.01
75.750	0.00	0.02	0.027	O				0.01
75.833	0.00	0.02	0.026	O				0.01
75.917	0.00	0.02	0.026	O				0.01
76.000	0.00	0.02	0.026	O				0.01
76.083	0.00	0.02	0.026	O				0.01
76.167	0.00	0.02	0.026	O				0.01
76.250	0.00	0.02	0.026	O				0.01
76.333	0.00	0.02	0.025	O				0.01
76.417	0.00	0.02	0.025	O				0.01
76.500	0.00	0.02	0.025	O				0.01
76.583	0.00	0.02	0.025	O				0.01
76.667	0.00	0.02	0.025	O				0.01
76.750	0.00	0.02	0.025	O				0.01
76.833	0.00	0.02	0.025	O				0.01
76.917	0.00	0.02	0.024	O				0.01
77.000	0.00	0.02	0.024	O				0.01
77.083	0.00	0.02	0.024	O				0.01
77.167	0.00	0.02	0.024	O				0.01
77.250	0.00	0.02	0.024	O				0.01
77.333	0.00	0.02	0.024	O				0.01
77.417	0.00	0.02	0.023	O				0.01
77.500	0.00	0.02	0.023	O				0.01
77.583	0.00	0.02	0.023	O				0.01
77.667	0.00	0.02	0.023	O				0.01
77.750	0.00	0.02	0.023	O				0.01
77.833	0.00	0.02	0.023	O				0.01

77.917	0.00	0.02	0.023	O				0.01
78.000	0.00	0.02	0.022	O				0.01
78.083	0.00	0.02	0.022	O				0.01
78.167	0.00	0.02	0.022	O				0.01
78.250	0.00	0.02	0.022	O				0.01
78.333	0.00	0.02	0.022	O				0.01
78.417	0.00	0.02	0.022	O				0.01
78.500	0.00	0.02	0.022	O				0.01
78.583	0.00	0.02	0.021	O				0.01
78.667	0.00	0.02	0.021	O				0.01
78.750	0.00	0.02	0.021	O				0.01
78.833	0.00	0.02	0.021	O				0.01
78.917	0.00	0.02	0.021	O				0.01
79.000	0.00	0.02	0.021	O				0.01
79.083	0.00	0.02	0.021	O				0.01
79.167	0.00	0.02	0.021	O				0.01
79.250	0.00	0.02	0.020	O				0.01
79.333	0.00	0.02	0.020	O				0.01
79.417	0.00	0.02	0.020	O				0.01
79.500	0.00	0.02	0.020	O				0.01
79.583	0.00	0.02	0.020	O				0.01
79.667	0.00	0.02	0.020	O				0.01
79.750	0.00	0.02	0.020	O				0.01
79.833	0.00	0.02	0.020	O				0.01
79.917	0.00	0.02	0.019	O				0.01
80.000	0.00	0.02	0.019	O				0.01
80.083	0.00	0.02	0.019	O				0.01
80.167	0.00	0.02	0.019	O				0.01
80.250	0.00	0.02	0.019	O				0.01
80.333	0.00	0.02	0.019	O				0.01
80.417	0.00	0.02	0.019	O				0.01
80.500	0.00	0.02	0.019	O				0.01
80.583	0.00	0.02	0.018	O				0.01
80.667	0.00	0.02	0.018	O				0.01
80.750	0.00	0.02	0.018	O				0.01
80.833	0.00	0.02	0.018	O				0.01
80.917	0.00	0.02	0.018	O				0.01
81.000	0.00	0.02	0.018	O				0.01
81.083	0.00	0.02	0.018	O				0.01
81.167	0.00	0.02	0.018	O				0.01
81.250	0.00	0.02	0.018	O				0.01
81.333	0.00	0.02	0.017	O				0.01
81.417	0.00	0.02	0.017	O				0.01
81.500	0.00	0.02	0.017	O				0.01
81.583	0.00	0.02	0.017	O				0.01
81.667	0.00	0.02	0.017	O				0.01
81.750	0.00	0.02	0.017	O				0.01
81.833	0.00	0.02	0.017	O				0.01
81.917	0.00	0.02	0.017	O				0.01
82.000	0.00	0.02	0.017	O				0.01
82.083	0.00	0.02	0.016	O				0.01
82.167	0.00	0.02	0.016	O				0.01
82.250	0.00	0.01	0.016	O				0.01
82.333	0.00	0.01	0.016	O				0.01
82.417	0.00	0.01	0.016	O				0.01
82.500	0.00	0.01	0.016	O				0.01
82.583	0.00	0.01	0.016	O				0.01
82.667	0.00	0.01	0.016	O				0.01
82.750	0.00	0.01	0.016	O				0.01
82.833	0.00	0.01	0.016	O				0.01
82.917	0.00	0.01	0.015	O				0.01
83.000	0.00	0.01	0.015	O				0.01
83.083	0.00	0.01	0.015	O				0.01

83.167	0.00	0.01	0.015	O					0.01
83.250	0.00	0.01	0.015	O					0.01
83.333	0.00	0.01	0.015	O					0.01
83.417	0.00	0.01	0.015	O					0.01
83.500	0.00	0.01	0.015	O					0.01
83.583	0.00	0.01	0.015	O					0.01
83.667	0.00	0.01	0.015	O					0.01
83.750	0.00	0.01	0.014	O					0.01
83.833	0.00	0.01	0.014	O					0.01
83.917	0.00	0.01	0.014	O					0.01
84.000	0.00	0.01	0.014	O					0.01
84.083	0.00	0.01	0.014	O					0.01
84.167	0.00	0.01	0.014	O					0.01
84.250	0.00	0.01	0.014	O					0.01
84.333	0.00	0.01	0.014	O					0.01
84.417	0.00	0.01	0.014	O					0.01
84.500	0.00	0.01	0.014	O					0.01
84.583	0.00	0.01	0.014	O					0.01
84.667	0.00	0.01	0.013	O					0.01
84.750	0.00	0.01	0.013	O					0.01
84.833	0.00	0.01	0.013	O					0.01
84.917	0.00	0.01	0.013	O					0.01
85.000	0.00	0.01	0.013	O					0.01
85.083	0.00	0.01	0.013	O					0.01
85.167	0.00	0.01	0.013	O					0.01
85.250	0.00	0.01	0.013	O					0.01
85.333	0.00	0.01	0.013	O					0.01
85.417	0.00	0.01	0.013	O					0.01
85.500	0.00	0.01	0.013	O					0.01
85.583	0.00	0.01	0.013	O					0.01
85.667	0.00	0.01	0.013	O					0.01
85.750	0.00	0.01	0.012	O					0.01
85.833	0.00	0.01	0.012	O					0.01
85.917	0.00	0.01	0.012	O					0.01
86.000	0.00	0.01	0.012	O					0.01
86.083	0.00	0.01	0.012	O					0.01
86.167	0.00	0.01	0.012	O					0.01
86.250	0.00	0.01	0.012	O					0.01
86.333	0.00	0.01	0.012	O					0.01
86.417	0.00	0.01	0.012	O					0.01
86.500	0.00	0.01	0.012	O					0.01
86.583	0.00	0.01	0.012	O					0.01
86.667	0.00	0.01	0.012	O					0.01
86.750	0.00	0.01	0.012	O					0.01
86.833	0.00	0.01	0.011	O					0.01
86.917	0.00	0.01	0.011	O					0.01
87.000	0.00	0.01	0.011	O					0.01
87.083	0.00	0.01	0.011	O					0.01
87.167	0.00	0.01	0.011	O					0.01
87.250	0.00	0.01	0.011	O					0.01
87.333	0.00	0.01	0.011	O					0.01
87.417	0.00	0.01	0.011	O					0.01
87.500	0.00	0.01	0.011	O					0.01
87.583	0.00	0.01	0.011	O					0.01
87.667	0.00	0.01	0.011	O					0.01
87.750	0.00	0.01	0.011	O					0.01
87.833	0.00	0.01	0.011	O					0.01
87.917	0.00	0.01	0.011	O					0.01
88.000	0.00	0.01	0.010	O					0.01
88.083	0.00	0.01	0.010	O					0.01
88.167	0.00	0.01	0.010	O					0.01
88.250	0.00	0.01	0.010	O					0.01
88.333	0.00	0.01	0.010	O					0.01

88.417	0.00	0.01	0.010	O					0.01
88.500	0.00	0.01	0.010	O					0.01
88.583	0.00	0.01	0.010	O					0.01
88.667	0.00	0.01	0.010	O					0.01
88.750	0.00	0.01	0.010	O					0.01
88.833	0.00	0.01	0.010	O					0.01
88.917	0.00	0.01	0.010	O					0.01
89.000	0.00	0.01	0.010	O					0.00
89.083	0.00	0.01	0.010	O					0.00
89.167	0.00	0.01	0.010	O					0.00
89.250	0.00	0.01	0.010	O					0.00
89.333	0.00	0.01	0.009	O					0.00
89.417	0.00	0.01	0.009	O					0.00
89.500	0.00	0.01	0.009	O					0.00
89.583	0.00	0.01	0.009	O					0.00
89.667	0.00	0.01	0.009	O					0.00
89.750	0.00	0.01	0.009	O					0.00
89.833	0.00	0.01	0.009	O					0.00
89.917	0.00	0.01	0.009	O					0.00
90.000	0.00	0.01	0.009	O					0.00
90.083	0.00	0.01	0.009	O					0.00
90.167	0.00	0.01	0.009	O					0.00
90.250	0.00	0.01	0.009	O					0.00
90.333	0.00	0.01	0.009	O					0.00
90.417	0.00	0.01	0.009	O					0.00
90.500	0.00	0.01	0.009	O					0.00
90.583	0.00	0.01	0.009	O					0.00
90.667	0.00	0.01	0.009	O					0.00
90.750	0.00	0.01	0.008	O					0.00
90.833	0.00	0.01	0.008	O					0.00
90.917	0.00	0.01	0.008	O					0.00
91.000	0.00	0.01	0.008	O					0.00
91.083	0.00	0.01	0.008	O					0.00
91.167	0.00	0.01	0.008	O					0.00
91.250	0.00	0.01	0.008	O					0.00
91.333	0.00	0.01	0.008	O					0.00
91.417	0.00	0.01	0.008	O					0.00
91.500	0.00	0.01	0.008	O					0.00
91.583	0.00	0.01	0.008	O					0.00
91.667	0.00	0.01	0.008	O					0.00
91.750	0.00	0.01	0.008	O					0.00
91.833	0.00	0.01	0.008	O					0.00
91.917	0.00	0.01	0.008	O					0.00
92.000	0.00	0.01	0.008	O					0.00
92.083	0.00	0.01	0.008	O					0.00
92.167	0.00	0.01	0.008	O					0.00
92.250	0.00	0.01	0.008	O					0.00
92.333	0.00	0.01	0.008	O					0.00
92.417	0.00	0.01	0.007	O					0.00
92.500	0.00	0.01	0.007	O					0.00
92.583	0.00	0.01	0.007	O					0.00
92.667	0.00	0.01	0.007	O					0.00
92.750	0.00	0.01	0.007	O					0.00
92.833	0.00	0.01	0.007	O					0.00
92.917	0.00	0.01	0.007	O					0.00
93.000	0.00	0.01	0.007	O					0.00
93.083	0.00	0.01	0.007	O					0.00
93.167	0.00	0.01	0.007	O					0.00
93.250	0.00	0.01	0.007	O					0.00
93.333	0.00	0.01	0.007	O					0.00
93.417	0.00	0.01	0.007	O					0.00
93.500	0.00	0.01	0.007	O					0.00
93.583	0.00	0.01	0.007	O					0.00

93.667	0.00	0.01	0.007	O					0.00
93.750	0.00	0.01	0.007	O					0.00
93.833	0.00	0.01	0.007	O					0.00
93.917	0.00	0.01	0.007	O					0.00
94.000	0.00	0.01	0.007	O					0.00
94.083	0.00	0.01	0.007	O					0.00
94.167	0.00	0.01	0.007	O					0.00
94.250	0.00	0.01	0.006	O					0.00
94.333	0.00	0.01	0.006	O					0.00
94.417	0.00	0.01	0.006	O					0.00
94.500	0.00	0.01	0.006	O					0.00
94.583	0.00	0.01	0.006	O					0.00
94.667	0.00	0.01	0.006	O					0.00
94.750	0.00	0.01	0.006	O					0.00
94.833	0.00	0.01	0.006	O					0.00
94.917	0.00	0.01	0.006	O					0.00
95.000	0.00	0.01	0.006	O					0.00
95.083	0.00	0.01	0.006	O					0.00
95.167	0.00	0.01	0.006	O					0.00
95.250	0.00	0.01	0.006	O					0.00
95.333	0.00	0.01	0.006	O					0.00
95.417	0.00	0.01	0.006	O					0.00
95.500	0.00	0.01	0.006	O					0.00
95.583	0.00	0.01	0.006	O					0.00
95.667	0.00	0.01	0.006	O					0.00
95.750	0.00	0.01	0.006	O					0.00
95.833	0.00	0.01	0.006	O					0.00
95.917	0.00	0.01	0.006	O					0.00
96.000	0.00	0.01	0.006	O					0.00
96.083	0.00	0.01	0.006	O					0.00
96.167	0.00	0.01	0.006	O					0.00
96.250	0.00	0.01	0.006	O					0.00
96.333	0.00	0.01	0.006	O					0.00
96.417	0.00	0.01	0.006	O					0.00
96.500	0.00	0.01	0.005	O					0.00
96.583	0.00	0.01	0.005	O					0.00
96.667	0.00	0.00	0.005	O					0.00
96.750	0.00	0.00	0.005	O					0.00
96.833	0.00	0.00	0.005	O					0.00
96.917	0.00	0.00	0.005	O					0.00
97.000	0.00	0.00	0.005	O					0.00
97.083	0.00	0.00	0.005	O					0.00
97.167	0.00	0.00	0.005	O					0.00
97.250	0.00	0.00	0.005	O					0.00
97.333	0.00	0.00	0.005	O					0.00
97.417	0.00	0.00	0.005	O					0.00
97.500	0.00	0.00	0.005	O					0.00
97.583	0.00	0.00	0.005	O					0.00
97.667	0.00	0.00	0.005	O					0.00
97.750	0.00	0.00	0.005	O					0.00
97.833	0.00	0.00	0.005	O					0.00
97.917	0.00	0.00	0.005	O					0.00
98.000	0.00	0.00	0.005	O					0.00
98.083	0.00	0.00	0.005	O					0.00
98.167	0.00	0.00	0.005	O					0.00
98.250	0.00	0.00	0.005	O					0.00
98.333	0.00	0.00	0.005	O					0.00
98.417	0.00	0.00	0.005	O					0.00
98.500	0.00	0.00	0.005	O					0.00
98.583	0.00	0.00	0.005	O					0.00
98.667	0.00	0.00	0.005	O					0.00
98.750	0.00	0.00	0.005	O					0.00
98.833	0.00	0.00	0.005	O					0.00

98.917	0.00	0.00	0.005	O				0.00
99.000	0.00	0.00	0.005	O				0.00
99.083	0.00	0.00	0.004	O				0.00
99.167	0.00	0.00	0.004	O				0.00
99.250	0.00	0.00	0.004	O				0.00
99.333	0.00	0.00	0.004	O				0.00
99.417	0.00	0.00	0.004	O				0.00
99.500	0.00	0.00	0.004	O				0.00
99.583	0.00	0.00	0.004	O				0.00
99.667	0.00	0.00	0.004	O				0.00
99.750	0.00	0.00	0.004	O				0.00
99.833	0.00	0.00	0.004	O				0.00
99.917	0.00	0.00	0.004	O				0.00
100.000	0.00	0.00	0.004	O				0.00
100.083	0.00	0.00	0.004	O				0.00
100.167	0.00	0.00	0.004	O				0.00
100.250	0.00	0.00	0.004	O				0.00
100.333	0.00	0.00	0.004	O				0.00
100.417	0.00	0.00	0.004	O				0.00
100.500	0.00	0.00	0.004	O				0.00
100.583	0.00	0.00	0.004	O				0.00
100.667	0.00	0.00	0.004	O				0.00
100.750	0.00	0.00	0.004	O				0.00
100.833	0.00	0.00	0.004	O				0.00
100.917	0.00	0.00	0.004	O				0.00
101.000	0.00	0.00	0.004	O				0.00
101.083	0.00	0.00	0.004	O				0.00
101.167	0.00	0.00	0.004	O				0.00
101.250	0.00	0.00	0.004	O				0.00
101.333	0.00	0.00	0.004	O				0.00
101.417	0.00	0.00	0.004	O				0.00
101.500	0.00	0.00	0.004	O				0.00
101.583	0.00	0.00	0.004	O				0.00
101.667	0.00	0.00	0.004	O				0.00
101.750	0.00	0.00	0.004	O				0.00
101.833	0.00	0.00	0.004	O				0.00
101.917	0.00	0.00	0.004	O				0.00
102.000	0.00	0.00	0.004	O				0.00
102.083	0.00	0.00	0.004	O				0.00
102.167	0.00	0.00	0.004	O				0.00
102.250	0.00	0.00	0.004	O				0.00
102.333	0.00	0.00	0.004	O				0.00
102.417	0.00	0.00	0.003	O				0.00
102.500	0.00	0.00	0.003	O				0.00
102.583	0.00	0.00	0.003	O				0.00
102.667	0.00	0.00	0.003	O				0.00
102.750	0.00	0.00	0.003	O				0.00
102.833	0.00	0.00	0.003	O				0.00
102.917	0.00	0.00	0.003	O				0.00
103.000	0.00	0.00	0.003	O				0.00
103.083	0.00	0.00	0.003	O				0.00
103.167	0.00	0.00	0.003	O				0.00
103.250	0.00	0.00	0.003	O				0.00
103.333	0.00	0.00	0.003	O				0.00
103.417	0.00	0.00	0.003	O				0.00
103.500	0.00	0.00	0.003	O				0.00
103.583	0.00	0.00	0.003	O				0.00
103.667	0.00	0.00	0.003	O				0.00
103.750	0.00	0.00	0.003	O				0.00
103.833	0.00	0.00	0.003	O				0.00
103.917	0.00	0.00	0.003	O				0.00
104.000	0.00	0.00	0.003	O				0.00
104.083	0.00	0.00	0.003	O				0.00

104.167	0.00	0.00	0.003	O					0.00
104.250	0.00	0.00	0.003	O					0.00
104.333	0.00	0.00	0.003	O					0.00
104.417	0.00	0.00	0.003	O					0.00
104.500	0.00	0.00	0.003	O					0.00
104.583	0.00	0.00	0.003	O					0.00
104.667	0.00	0.00	0.003	O					0.00
104.750	0.00	0.00	0.003	O					0.00
104.833	0.00	0.00	0.003	O					0.00
104.917	0.00	0.00	0.003	O					0.00
105.000	0.00	0.00	0.003	O					0.00
105.083	0.00	0.00	0.003	O					0.00
105.167	0.00	0.00	0.003	O					0.00
105.250	0.00	0.00	0.003	O					0.00
105.333	0.00	0.00	0.003	O					0.00
105.417	0.00	0.00	0.003	O					0.00
105.500	0.00	0.00	0.003	O					0.00
105.583	0.00	0.00	0.003	O					0.00
105.667	0.00	0.00	0.003	O					0.00
105.750	0.00	0.00	0.003	O					0.00
105.833	0.00	0.00	0.003	O					0.00
105.917	0.00	0.00	0.003	O					0.00
106.000	0.00	0.00	0.003	O					0.00
106.083	0.00	0.00	0.003	O					0.00
106.167	0.00	0.00	0.003	O					0.00
106.250	0.00	0.00	0.003	O					0.00
106.333	0.00	0.00	0.003	O					0.00
106.417	0.00	0.00	0.003	O					0.00
106.500	0.00	0.00	0.003	O					0.00
106.583	0.00	0.00	0.003	O					0.00
106.667	0.00	0.00	0.003	O					0.00
106.750	0.00	0.00	0.002	O					0.00
106.833	0.00	0.00	0.002	O					0.00
106.917	0.00	0.00	0.002	O					0.00
107.000	0.00	0.00	0.002	O					0.00
107.083	0.00	0.00	0.002	O					0.00
107.167	0.00	0.00	0.002	O					0.00
107.250	0.00	0.00	0.002	O					0.00
107.333	0.00	0.00	0.002	O					0.00
107.417	0.00	0.00	0.002	O					0.00
107.500	0.00	0.00	0.002	O					0.00
107.583	0.00	0.00	0.002	O					0.00
107.667	0.00	0.00	0.002	O					0.00
107.750	0.00	0.00	0.002	O					0.00
107.833	0.00	0.00	0.002	O					0.00
107.917	0.00	0.00	0.002	O					0.00
108.000	0.00	0.00	0.002	O					0.00
108.083	0.00	0.00	0.002	O					0.00
108.167	0.00	0.00	0.002	O					0.00
108.250	0.00	0.00	0.002	O					0.00
108.333	0.00	0.00	0.002	O					0.00
108.417	0.00	0.00	0.002	O					0.00
108.500	0.00	0.00	0.002	O					0.00
108.583	0.00	0.00	0.002	O					0.00
108.667	0.00	0.00	0.002	O					0.00
108.750	0.00	0.00	0.002	O					0.00
108.833	0.00	0.00	0.002	O					0.00
108.917	0.00	0.00	0.002	O					0.00
109.000	0.00	0.00	0.002	O					0.00
109.083	0.00	0.00	0.002	O					0.00
109.167	0.00	0.00	0.002	O					0.00
109.250	0.00	0.00	0.002	O					0.00
109.333	0.00	0.00	0.002	O					0.00

```
109.417    0.00    0.00      0.002  O       |       |       |       |      0.00
109.500    0.00    0.00      0.002  O       |       |       |       |      0.00
109.583    0.00    0.00      0.002  O       |       |       |       |      0.00
109.667    0.00    0.00      0.002  O       |       |       |       |      0.00
109.750    0.00    0.00      0.002  O       |       |       |       |      0.00
109.833    0.00    0.00      0.002  O       |       |       |       |      0.00
109.917    0.00    0.00      0.002  O       |       |       |       |      0.00
110.000    0.00    0.00      0.002  O       |       |       |       |      0.00
110.083    0.00    0.00      0.002  O       |       |       |       |      0.00


      Remaining water in basin =    0.00 (Ac.Ft)


      ****************************HYDROGRAPH DATA****************************
                  Number of intervals =  1321
                  Time interval =    5.0 (Min.)
                  Maximum/Peak flow rate =        2.305 (CFS)
                  Total volume =       5.017 (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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                  FLOOD HYDROGRAPH ROUTING PROGRAM
            Copyright (c) CIVILCADD/CIVILDESIGN, 1989 - 2005
                        Study date: 04/03/24

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Keller Crossing, Tr. 38163
WQ - Detention Basin Routing Area C onsite
Detention Basin C full with DCV at 1426
10-year 3-hour storm Inflow Hydrograph


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


Program License Serial Number 4029

------------------------------------------------------------------------
******************** HYDROGRAPH INFORMATION **********************

              From study/file name: 907hydc10pr310.rte
****************************HYDROGRAPH DATA*****************************
              Number of intervals =    44
              Time interval =    5.0 (Min.)
              Maximum/Peak flow rate =       80.440 (CFS)
              Total volume =       6.627 (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       10.000 to Point/Station       11.000
**** RETARDING BASIN ROUTING ****
________________________________________________________________________

User entry of depth-outflow-storage data
------------------------------------------------------------------------
Total number of inflow hydrograph intervals = 44
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  Storage    Outflow   (S-O*dt/2)   (S+O*dt/2)
     (Ft.)    (Ac.Ft)    (CFS)     (Ac.Ft)    (Ac.Ft)
------------------------------------------------------------------------
   0.000      0.000      0.000      0.000        0.000
   1.000      1.948      1.800      1.942        1.954
   2.000      4.304      2.020      4.297        4.311
   3.000      7.054      3.480      7.042        7.066
   4.000     10.094     49.260      9.924       10.264
   4.500     11.710     87.250     11.410       12.010
```

5.000	13.325	331.310	12.184	14.466
6.000	16.754	1244.540	12.468	21.040

Hydrograph Detention Basin Routing

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

Time (Hours)	Inflow (CFS)	Outflow (CFS)	Storage (Ac.Ft)	.0 20.1 40.22 60.33 80.44	Depth (Ft.)
0.083	1.90	0.01	0.007	O | | | |	0.00
0.167	7.18	0.03	0.038	O I | | | |	0.02
0.250	8.75	0.09	0.092	O I | | | |	0.05
0.333	9.35	0.14	0.154	O I | | | |	0.08
0.417	11.16	0.21	0.223	O I | | | |	0.11
0.500	12.35	0.28	0.302	O I | | | |	0.16
0.583	13.51	0.36	0.389	O I | | | |	0.20
0.667	13.38	0.44	0.479	O I | | | |	0.25
0.750	14.54	0.53	0.572	O I | | | |	0.29
0.833	14.49	0.62	0.668	O I | | | |	0.34
0.917	13.59	0.70	0.760	O I | | | |	0.39
1.000	13.98	0.79	0.850	O I | | | |	0.44
1.083	15.38	0.87	0.945	O I | | | |	0.49
1.167	17.29	0.97	1.051	O I | | | |	0.54
1.250	17.96	1.08	1.166	O I| | | |	0.60
1.333	18.00	1.18	1.282	O I| | | |	0.66
1.417	18.24	1.29	1.398	O I| | | |	0.72
1.500	20.65	1.41	1.523	O I | | | |	0.78
1.583	21.44	1.53	1.657	O I | | | |	0.85
1.667	21.16	1.66	1.793	O I | | | |	0.92
1.750	23.57	1.79	1.935	O |I | | |	0.99
1.833	27.25	1.81	2.098	O | I | | |	1.06
1.917	27.05	1.83	2.272	O | I | | |	1.14
2.000	26.26	1.85	2.443	O | I | | |	1.21
2.083	26.90	1.86	2.613	O | I | | |	1.28
2.167	30.15	1.88	2.797	O | I | | |	1.36
2.250	39.10	1.90	3.022	O | I| | |	1.46
2.333	43.30	1.93	3.293	O | |I | |	1.57
2.417	44.27	1.95	3.581	O | |I | |	1.69
2.500	64.12	1.99	3.941	O | | |I |	1.85
2.583	75.92	2.08	4.409	O | | | I |	2.04
2.667	80.44	2.35	4.932	O | | | I	2.23
2.750	62.00	2.60	5.406	|O | | I |	2.40
2.833	36.07	2.77	5.725	|O | I | |	2.52
2.917	26.32	2.88	5.920	|O | I | | |	2.59
3.000	20.16	2.95	6.060	|O I | | |	2.64
3.083	12.13	3.00	6.151	|O I | | | |	2.67
3.167	6.24	3.02	6.193	|OI | | | |	2.69
3.250	3.47	3.03	6.206	|O | | | |	2.69
3.333	1.77	3.03	6.203	IO | | | |	2.69
3.417	0.77	3.02	6.191	IO | | | |	2.69
3.500	0.42	3.01	6.175	IO | | | |	2.68
3.583	0.21	3.00	6.156	IO | | | |	2.67
3.667	0.05	2.99	6.136	IO | | | |	2.67
3.750	0.00	2.98	6.116	IO | | | |	2.66
3.833	0.00	2.97	6.095	IO | | | |	2.65
3.917	0.00	2.96	6.075	IO | | | |	2.64
4.000	0.00	2.95	6.055	IO | | | |	2.64
4.083	0.00	2.94	6.034	IO | | | |	2.63
4.167	0.00	2.93	6.014	IO | | | |	2.62
4.250	0.00	2.92	5.994	IO | | | |	2.61
4.333	0.00	2.91	5.974	IO | | | |	2.61
4.417	0.00	2.90	5.954	IO | | | |	2.60

4.500	0.00	2.89	5.934	IO				2.59
4.583	0.00	2.87	5.914	IO				2.59
4.667	0.00	2.86	5.894	IO				2.58
4.750	0.00	2.85	5.875	IO				2.57
4.833	0.00	2.84	5.855	IO				2.56
4.917	0.00	2.83	5.836	IO				2.56
5.000	0.00	2.82	5.816	IO				2.55
5.083	0.00	2.81	5.797	IO				2.54
5.167	0.00	2.80	5.777	IO				2.54
5.250	0.00	2.79	5.758	IO				2.53
5.333	0.00	2.78	5.739	IO				2.52
5.417	0.00	2.77	5.720	IO				2.51
5.500	0.00	2.76	5.701	IO				2.51
5.583	0.00	2.75	5.682	IO				2.50
5.667	0.00	2.74	5.663	IO				2.49
5.750	0.00	2.73	5.644	IO				2.49
5.833	0.00	2.72	5.625	IO				2.48
5.917	0.00	2.71	5.606	IO				2.47
6.000	0.00	2.70	5.588	IO				2.47
6.083	0.00	2.69	5.569	IO				2.46
6.167	0.00	2.68	5.551	IO				2.45
6.250	0.00	2.67	5.532	IO				2.45
6.333	0.00	2.66	5.514	IO				2.44
6.417	0.00	2.65	5.496	IO				2.43
6.500	0.00	2.64	5.477	IO				2.43
6.583	0.00	2.63	5.459	IO				2.42
6.667	0.00	2.62	5.441	IO				2.41
6.750	0.00	2.61	5.423	IO				2.41
6.833	0.00	2.60	5.405	IO				2.40
6.917	0.00	2.60	5.387	IO				2.39
7.000	0.00	2.59	5.369	IO				2.39
7.083	0.00	2.58	5.352	IO				2.38
7.167	0.00	2.57	5.334	IO				2.37
7.250	0.00	2.56	5.316	IO				2.37
7.333	0.00	2.55	5.299	IO				2.36
7.417	0.00	2.54	5.281	IO				2.36
7.500	0.00	2.53	5.264	IO				2.35
7.583	0.00	2.52	5.246	IO				2.34
7.667	0.00	2.51	5.229	O				2.34
7.750	0.00	2.50	5.212	O				2.33
7.833	0.00	2.49	5.195	O				2.32
7.917	0.00	2.48	5.177	O				2.32
8.000	0.00	2.47	5.160	O				2.31
8.083	0.00	2.47	5.143	O				2.31
8.167	0.00	2.46	5.126	O				2.30
8.250	0.00	2.45	5.109	O				2.29
8.333	0.00	2.44	5.093	O				2.29
8.417	0.00	2.43	5.076	O				2.28
8.500	0.00	2.42	5.059	O				2.27
8.583	0.00	2.41	5.043	O				2.27
8.667	0.00	2.40	5.026	O				2.26
8.750	0.00	2.39	5.009	O				2.26
8.833	0.00	2.39	4.993	O				2.25
8.917	0.00	2.38	4.977	O				2.24
9.000	0.00	2.37	4.960	O				2.24
9.083	0.00	2.36	4.944	O				2.23
9.167	0.00	2.35	4.928	O				2.23
9.250	0.00	2.34	4.912	O				2.22
9.333	0.00	2.33	4.895	O				2.22
9.417	0.00	2.33	4.879	O				2.21
9.500	0.00	2.32	4.863	O				2.20
9.583	0.00	2.31	4.848	O				2.20
9.667	0.00	2.30	4.832	O				2.19

9.750	0.00	2.29	4.816	O				2.19
9.833	0.00	2.28	4.800	O				2.18
9.917	0.00	2.28	4.784	O				2.17
10.000	0.00	2.27	4.769	O				2.17
10.083	0.00	2.26	4.753	O				2.16
10.167	0.00	2.25	4.738	O				2.16
10.250	0.00	2.24	4.722	O				2.15
10.333	0.00	2.23	4.707	O				2.15
10.417	0.00	2.23	4.691	O				2.14
10.500	0.00	2.22	4.676	O				2.14
10.583	0.00	2.21	4.661	O				2.13
10.667	0.00	2.20	4.646	O				2.12
10.750	0.00	2.19	4.631	O				2.12
10.833	0.00	2.19	4.615	O				2.11
10.917	0.00	2.18	4.600	O				2.11
11.000	0.00	2.17	4.585	O				2.10
11.083	0.00	2.16	4.571	O				2.10
11.167	0.00	2.15	4.556	O				2.09
11.250	0.00	2.15	4.541	O				2.09
11.333	0.00	2.14	4.526	O				2.08
11.417	0.00	2.13	4.511	O				2.08
11.500	0.00	2.12	4.497	O				2.07
11.583	0.00	2.11	4.482	O				2.06
11.667	0.00	2.11	4.468	O				2.06
11.750	0.00	2.10	4.453	O				2.05
11.833	0.00	2.09	4.439	O				2.05
11.917	0.00	2.08	4.424	O				2.04
12.000	0.00	2.08	4.410	O				2.04
12.083	0.00	2.07	4.396	O				2.03
12.167	0.00	2.06	4.382	O				2.03
12.250	0.00	2.05	4.367	O				2.02
12.333	0.00	2.05	4.353	O				2.02
12.417	0.00	2.04	4.339	O				2.01
12.500	0.00	2.03	4.325	O				2.01
12.583	0.00	2.02	4.311	O				2.00
12.667	0.00	2.02	4.297	O				2.00
12.750	0.00	2.02	4.283	O				1.99
12.833	0.00	2.02	4.269	O				1.99
12.917	0.00	2.02	4.256	O				1.98
13.000	0.00	2.01	4.242	O				1.97
13.083	0.00	2.01	4.228	O				1.97
13.167	0.00	2.01	4.214	O				1.96
13.250	0.00	2.01	4.200	O				1.96
13.333	0.00	2.01	4.186	O				1.95
13.417	0.00	2.01	4.172	O				1.94
13.500	0.00	2.01	4.159	O				1.94
13.583	0.00	2.01	4.145	O				1.93
13.667	0.00	2.00	4.131	O				1.93
13.750	0.00	2.00	4.117	O				1.92
13.833	0.00	2.00	4.103	O				1.91
13.917	0.00	2.00	4.090	O				1.91
14.000	0.00	2.00	4.076	O				1.90
14.083	0.00	2.00	4.062	O				1.90
14.167	0.00	2.00	4.048	O				1.89
14.250	0.00	1.99	4.035	O				1.89
14.333	0.00	1.99	4.021	O				1.88
14.417	0.00	1.99	4.007	O				1.87
14.500	0.00	1.99	3.993	O				1.87
14.583	0.00	1.99	3.980	O				1.86
14.667	0.00	1.99	3.966	O				1.86
14.750	0.00	1.99	3.952	O				1.85
14.833	0.00	1.99	3.939	O				1.84
14.917	0.00	1.98	3.925	O				1.84

15.000	0.00	1.98	3.911	O				1.83
15.083	0.00	1.98	3.898	O				1.83
15.167	0.00	1.98	3.884	O				1.82
15.250	0.00	1.98	3.870	O				1.82
15.333	0.00	1.98	3.857	O				1.81
15.417	0.00	1.98	3.843	O				1.80
15.500	0.00	1.98	3.830	O				1.80
15.583	0.00	1.97	3.816	O				1.79
15.667	0.00	1.97	3.802	O				1.79
15.750	0.00	1.97	3.789	O				1.78
15.833	0.00	1.97	3.775	O				1.78
15.917	0.00	1.97	3.762	O				1.77
16.000	0.00	1.97	3.748	O				1.76
16.083	0.00	1.97	3.735	O				1.76
16.167	0.00	1.97	3.721	O				1.75
16.250	0.00	1.96	3.707	O				1.75
16.333	0.00	1.96	3.694	O				1.74
16.417	0.00	1.96	3.680	O				1.74
16.500	0.00	1.96	3.667	O				1.73
16.583	0.00	1.96	3.653	O				1.72
16.667	0.00	1.96	3.640	O				1.72
16.750	0.00	1.96	3.626	O				1.71
16.833	0.00	1.96	3.613	O				1.71
16.917	0.00	1.95	3.600	O				1.70
17.000	0.00	1.95	3.586	O				1.70
17.083	0.00	1.95	3.573	O				1.69
17.167	0.00	1.95	3.559	O				1.68
17.250	0.00	1.95	3.546	O				1.68
17.333	0.00	1.95	3.532	O				1.67
17.417	0.00	1.95	3.519	O				1.67
17.500	0.00	1.95	3.506	O				1.66
17.583	0.00	1.94	3.492	O				1.66
17.667	0.00	1.94	3.479	O				1.65
17.750	0.00	1.94	3.465	O				1.64
17.833	0.00	1.94	3.452	O				1.64
17.917	0.00	1.94	3.439	O				1.63
18.000	0.00	1.94	3.425	O				1.63
18.083	0.00	1.94	3.412	O				1.62
18.167	0.00	1.94	3.399	O				1.62
18.250	0.00	1.93	3.385	O				1.61
18.333	0.00	1.93	3.372	O				1.60
18.417	0.00	1.93	3.359	O				1.60
18.500	0.00	1.93	3.345	O				1.59
18.583	0.00	1.93	3.332	O				1.59
18.667	0.00	1.93	3.319	O				1.58
18.750	0.00	1.93	3.306	O				1.58
18.833	0.00	1.93	3.292	O				1.57
18.917	0.00	1.92	3.279	O				1.56
19.000	0.00	1.92	3.266	O				1.56
19.083	0.00	1.92	3.252	O				1.55
19.167	0.00	1.92	3.239	O				1.55
19.250	0.00	1.92	3.226	O				1.54
19.333	0.00	1.92	3.213	O				1.54
19.417	0.00	1.92	3.200	O				1.53
19.500	0.00	1.92	3.186	O				1.53
19.583	0.00	1.91	3.173	O				1.52
19.667	0.00	1.91	3.160	O				1.51
19.750	0.00	1.91	3.147	O				1.51
19.833	0.00	1.91	3.134	O				1.50
19.917	0.00	1.91	3.121	O				1.50
20.000	0.00	1.91	3.107	O				1.49
20.083	0.00	1.91	3.094	O				1.49
20.167	0.00	1.91	3.081	O				1.48

20.250	0.00	1.90	3.068	O					1.48
20.333	0.00	1.90	3.055	O					1.47
20.417	0.00	1.90	3.042	O					1.46
20.500	0.00	1.90	3.029	O					1.46
20.583	0.00	1.90	3.016	O					1.45
20.667	0.00	1.90	3.003	O					1.45
20.750	0.00	1.90	2.989	O					1.44
20.833	0.00	1.90	2.976	O					1.44
20.917	0.00	1.89	2.963	O					1.43
21.000	0.00	1.89	2.950	O					1.43
21.083	0.00	1.89	2.937	O					1.42
21.167	0.00	1.89	2.924	O					1.41
21.250	0.00	1.89	2.911	O					1.41
21.333	0.00	1.89	2.898	O					1.40
21.417	0.00	1.89	2.885	O					1.40
21.500	0.00	1.89	2.872	O					1.39
21.583	0.00	1.89	2.859	O					1.39
21.667	0.00	1.88	2.846	O					1.38
21.750	0.00	1.88	2.833	O					1.38
21.833	0.00	1.88	2.820	O					1.37
21.917	0.00	1.88	2.807	O					1.36
22.000	0.00	1.88	2.794	O					1.36
22.083	0.00	1.88	2.781	O					1.35
22.167	0.00	1.88	2.769	O					1.35
22.250	0.00	1.88	2.756	O					1.34
22.333	0.00	1.87	2.743	O					1.34
22.417	0.00	1.87	2.730	O					1.33
22.500	0.00	1.87	2.717	O					1.33
22.583	0.00	1.87	2.704	O					1.32
22.667	0.00	1.87	2.691	O					1.32
22.750	0.00	1.87	2.678	O					1.31
22.833	0.00	1.87	2.665	O					1.30
22.917	0.00	1.87	2.653	O					1.30
23.000	0.00	1.86	2.640	O					1.29
23.083	0.00	1.86	2.627	O					1.29
23.167	0.00	1.86	2.614	O					1.28
23.250	0.00	1.86	2.601	O					1.28
23.333	0.00	1.86	2.588	O					1.27
23.417	0.00	1.86	2.576	O					1.27
23.500	0.00	1.86	2.563	O					1.26
23.583	0.00	1.86	2.550	O					1.26
23.667	0.00	1.86	2.537	O					1.25
23.750	0.00	1.85	2.524	O					1.24
23.833	0.00	1.85	2.512	O					1.24
23.917	0.00	1.85	2.499	O					1.23
24.000	0.00	1.85	2.486	O					1.23
24.083	0.00	1.85	2.473	O					1.22
24.167	0.00	1.85	2.461	O					1.22
24.250	0.00	1.85	2.448	O					1.21
24.333	0.00	1.85	2.435	O					1.21
24.417	0.00	1.84	2.423	O					1.20
24.500	0.00	1.84	2.410	O					1.20
24.583	0.00	1.84	2.397	O					1.19
24.667	0.00	1.84	2.385	O					1.19
24.750	0.00	1.84	2.372	O					1.18
24.833	0.00	1.84	2.359	O					1.17
24.917	0.00	1.84	2.347	O					1.17
25.000	0.00	1.84	2.334	O					1.16
25.083	0.00	1.83	2.321	O					1.16
25.167	0.00	1.83	2.309	O					1.15
25.250	0.00	1.83	2.296	O					1.15
25.333	0.00	1.83	2.283	O					1.14
25.417	0.00	1.83	2.271	O					1.14

25.500	0.00	1.83	2.258	O				1.13
25.583	0.00	1.83	2.246	O				1.13
25.667	0.00	1.83	2.233	O				1.12
25.750	0.00	1.83	2.220	O				1.12
25.833	0.00	1.82	2.208	O				1.11
25.917	0.00	1.82	2.195	O				1.10
26.000	0.00	1.82	2.183	O				1.10
26.083	0.00	1.82	2.170	O				1.09
26.167	0.00	1.82	2.158	O				1.09
26.250	0.00	1.82	2.145	O				1.08
26.333	0.00	1.82	2.133	O				1.08
26.417	0.00	1.82	2.120	O				1.07
26.500	0.00	1.81	2.108	O				1.07
26.583	0.00	1.81	2.095	O				1.06
26.667	0.00	1.81	2.083	O				1.06
26.750	0.00	1.81	2.070	O				1.05
26.833	0.00	1.81	2.058	O				1.05
26.917	0.00	1.81	2.045	O				1.04
27.000	0.00	1.81	2.033	O				1.04
27.083	0.00	1.81	2.020	O				1.03
27.167	0.00	1.81	2.008	O				1.03
27.250	0.00	1.80	1.995	O				1.02
27.333	0.00	1.80	1.983	O				1.01
27.417	0.00	1.80	1.971	O				1.01
27.500	0.00	1.80	1.958	O				1.00
27.583	0.00	1.80	1.946	O				1.00
27.667	0.00	1.79	1.933	O				0.99
27.750	0.00	1.78	1.921	O				0.99
27.833	0.00	1.76	1.909	O				0.98
27.917	0.00	1.75	1.897	O				0.97
28.000	0.00	1.74	1.885	O				0.97
28.083	0.00	1.73	1.873	O				0.96
28.167	0.00	1.72	1.861	O				0.96
28.250	0.00	1.71	1.849	O				0.95
28.333	0.00	1.70	1.837	O				0.94
28.417	0.00	1.69	1.826	O				0.94
28.500	0.00	1.68	1.814	O				0.93
28.583	0.00	1.67	1.803	O				0.93
28.667	0.00	1.66	1.791	O				0.92
28.750	0.00	1.64	1.780	O				0.91
28.833	0.00	1.63	1.769	O				0.91
28.917	0.00	1.62	1.757	O				0.90
29.000	0.00	1.61	1.746	O				0.90
29.083	0.00	1.60	1.735	O				0.89
29.167	0.00	1.59	1.724	O				0.89
29.250	0.00	1.58	1.713	O				0.88
29.333	0.00	1.57	1.702	O				0.87
29.417	0.00	1.56	1.692	O				0.87
29.500	0.00	1.55	1.681	O				0.86
29.583	0.00	1.54	1.670	O				0.86
29.667	0.00	1.53	1.660	O				0.85
29.750	0.00	1.52	1.649	O				0.85
29.833	0.00	1.51	1.639	O				0.84
29.917	0.00	1.50	1.628	O				0.84
30.000	0.00	1.49	1.618	O				0.83
30.083	0.00	1.49	1.608	O				0.83
30.167	0.00	1.48	1.597	O				0.82
30.250	0.00	1.47	1.587	O				0.81
30.333	0.00	1.46	1.577	O				0.81
30.417	0.00	1.45	1.567	O				0.80
30.500	0.00	1.44	1.557	O				0.80
30.583	0.00	1.43	1.547	O				0.79
30.667	0.00	1.42	1.538	O				0.79

30.750	0.00	1.41	1.528	O				0.78
30.833	0.00	1.40	1.518	O				0.78
30.917	0.00	1.39	1.509	O				0.77
31.000	0.00	1.39	1.499	O				0.77
31.083	0.00	1.38	1.489	O				0.76
31.167	0.00	1.37	1.480	O				0.76
31.250	0.00	1.36	1.471	O				0.75
31.333	0.00	1.35	1.461	O				0.75
31.417	0.00	1.34	1.452	O				0.75
31.500	0.00	1.33	1.443	O				0.74
31.583	0.00	1.32	1.434	O				0.74
31.667	0.00	1.32	1.425	O				0.73
31.750	0.00	1.31	1.415	O				0.73
31.833	0.00	1.30	1.407	O				0.72
31.917	0.00	1.29	1.398	O				0.72
32.000	0.00	1.28	1.389	O				0.71
32.083	0.00	1.28	1.380	O				0.71
32.167	0.00	1.27	1.371	O				0.70
32.250	0.00	1.26	1.362	O				0.70
32.333	0.00	1.25	1.354	O				0.69
32.417	0.00	1.24	1.345	O				0.69
32.500	0.00	1.24	1.337	O				0.69
32.583	0.00	1.23	1.328	O				0.68
32.667	0.00	1.22	1.320	O				0.68
32.750	0.00	1.21	1.311	O				0.67
32.833	0.00	1.20	1.303	O				0.67
32.917	0.00	1.20	1.295	O				0.66
33.000	0.00	1.19	1.287	O				0.66
33.083	0.00	1.18	1.278	O				0.66
33.167	0.00	1.17	1.270	O				0.65
33.250	0.00	1.17	1.262	O				0.65
33.333	0.00	1.16	1.254	O				0.64
33.417	0.00	1.15	1.246	O				0.64
33.500	0.00	1.14	1.238	O				0.64
33.583	0.00	1.14	1.231	O				0.63
33.667	0.00	1.13	1.223	O				0.63
33.750	0.00	1.12	1.215	O				0.62
33.833	0.00	1.12	1.207	O				0.62
33.917	0.00	1.11	1.200	O				0.62
34.000	0.00	1.10	1.192	O				0.61
34.083	0.00	1.09	1.184	O				0.61
34.167	0.00	1.09	1.177	O				0.60
34.250	0.00	1.08	1.169	O				0.60
34.333	0.00	1.07	1.162	O				0.60
34.417	0.00	1.07	1.155	O				0.59
34.500	0.00	1.06	1.147	O				0.59
34.583	0.00	1.05	1.140	O				0.59
34.667	0.00	1.05	1.133	O				0.58
34.750	0.00	1.04	1.126	O				0.58
34.833	0.00	1.03	1.119	O				0.57
34.917	0.00	1.03	1.111	O				0.57
35.000	0.00	1.02	1.104	O				0.57
35.083	0.00	1.01	1.097	O				0.56
35.167	0.00	1.01	1.090	O				0.56
35.250	0.00	1.00	1.084	O				0.56
35.333	0.00	0.99	1.077	O				0.55
35.417	0.00	0.99	1.070	O				0.55
35.500	0.00	0.98	1.063	O				0.55
35.583	0.00	0.98	1.056	O				0.54
35.667	0.00	0.97	1.050	O				0.54
35.750	0.00	0.96	1.043	O				0.54
35.833	0.00	0.96	1.036	O				0.53
35.917	0.00	0.95	1.030	O				0.53

36.000	0.00	0.95	1.023	O				0.53
36.083	0.00	0.94	1.017	O				0.52
36.167	0.00	0.93	1.010	O				0.52
36.250	0.00	0.93	1.004	O				0.52
36.333	0.00	0.92	0.997	O				0.51
36.417	0.00	0.92	0.991	O				0.51
36.500	0.00	0.91	0.985	O				0.51
36.583	0.00	0.90	0.979	O				0.50
36.667	0.00	0.90	0.972	O				0.50
36.750	0.00	0.89	0.966	O				0.50
36.833	0.00	0.89	0.960	O				0.49
36.917	0.00	0.88	0.954	O				0.49
37.000	0.00	0.88	0.948	O				0.49
37.083	0.00	0.87	0.942	O				0.48
37.167	0.00	0.86	0.936	O				0.48
37.250	0.00	0.86	0.930	O				0.48
37.333	0.00	0.85	0.924	O				0.47
37.417	0.00	0.85	0.918	O				0.47
37.500	0.00	0.84	0.912	O				0.47
37.583	0.00	0.84	0.907	O				0.47
37.667	0.00	0.83	0.901	O				0.46
37.750	0.00	0.83	0.895	O				0.46
37.833	0.00	0.82	0.890	O				0.46
37.917	0.00	0.82	0.884	O				0.45
38.000	0.00	0.81	0.878	O				0.45
38.083	0.00	0.81	0.873	O				0.45
38.167	0.00	0.80	0.867	O				0.45
38.250	0.00	0.80	0.862	O				0.44
38.333	0.00	0.79	0.856	O				0.44
38.417	0.00	0.79	0.851	O				0.44
38.500	0.00	0.78	0.845	O				0.43
38.583	0.00	0.78	0.840	O				0.43
38.667	0.00	0.77	0.835	O				0.43
38.750	0.00	0.77	0.829	O				0.43
38.833	0.00	0.76	0.824	O				0.42
38.917	0.00	0.76	0.819	O				0.42
39.000	0.00	0.75	0.814	O				0.42
39.083	0.00	0.75	0.809	O				0.42
39.167	0.00	0.74	0.803	O				0.41
39.250	0.00	0.74	0.798	O				0.41
39.333	0.00	0.73	0.793	O				0.41
39.417	0.00	0.73	0.788	O				0.40
39.500	0.00	0.72	0.783	O				0.40
39.583	0.00	0.72	0.778	O				0.40
39.667	0.00	0.71	0.773	O				0.40
39.750	0.00	0.71	0.768	O				0.39
39.833	0.00	0.71	0.764	O				0.39
39.917	0.00	0.70	0.759	O				0.39
40.000	0.00	0.70	0.754	O				0.39
40.083	0.00	0.69	0.749	O				0.38
40.167	0.00	0.69	0.744	O				0.38
40.250	0.00	0.68	0.740	O				0.38
40.333	0.00	0.68	0.735	O				0.38
40.417	0.00	0.67	0.730	O				0.37
40.500	0.00	0.67	0.726	O				0.37
40.583	0.00	0.67	0.721	O				0.37
40.667	0.00	0.66	0.716	O				0.37
40.750	0.00	0.66	0.712	O				0.37
40.833	0.00	0.65	0.707	O				0.36
40.917	0.00	0.65	0.703	O				0.36
41.000	0.00	0.65	0.698	O				0.36
41.083	0.00	0.64	0.694	O				0.36
41.167	0.00	0.64	0.690	O				0.35

41.250	0.00	0.63	0.685	O				0.35
41.333	0.00	0.63	0.681	O				0.35
41.417	0.00	0.63	0.677	O				0.35
41.500	0.00	0.62	0.672	O				0.35
41.583	0.00	0.62	0.668	O				0.34
41.667	0.00	0.61	0.664	O				0.34
41.750	0.00	0.61	0.660	O				0.34
41.833	0.00	0.61	0.655	O				0.34
41.917	0.00	0.60	0.651	O				0.33
42.000	0.00	0.60	0.647	O				0.33
42.083	0.00	0.59	0.643	O				0.33
42.167	0.00	0.59	0.639	O				0.33
42.250	0.00	0.59	0.635	O				0.33
42.333	0.00	0.58	0.631	O				0.32
42.417	0.00	0.58	0.627	O				0.32
42.500	0.00	0.58	0.623	O				0.32
42.583	0.00	0.57	0.619	O				0.32
42.667	0.00	0.57	0.615	O				0.32
42.750	0.00	0.56	0.611	O				0.31
42.833	0.00	0.56	0.607	O				0.31
42.917	0.00	0.56	0.603	O				0.31
43.000	0.00	0.55	0.600	O				0.31
43.083	0.00	0.55	0.596	O				0.31
43.167	0.00	0.55	0.592	O				0.30
43.250	0.00	0.54	0.588	O				0.30
43.333	0.00	0.54	0.584	O				0.30
43.417	0.00	0.54	0.581	O				0.30
43.500	0.00	0.53	0.577	O				0.30
43.583	0.00	0.53	0.573	O				0.29
43.667	0.00	0.53	0.570	O				0.29
43.750	0.00	0.52	0.566	O				0.29
43.833	0.00	0.52	0.563	O				0.29
43.917	0.00	0.52	0.559	O				0.29
44.000	0.00	0.51	0.555	O				0.29
44.083	0.00	0.51	0.552	O				0.28
44.167	0.00	0.51	0.548	O				0.28
44.250	0.00	0.50	0.545	O				0.28
44.333	0.00	0.50	0.541	O				0.28
44.417	0.00	0.50	0.538	O				0.28
44.500	0.00	0.49	0.535	O				0.27
44.583	0.00	0.49	0.531	O				0.27
44.667	0.00	0.49	0.528	O				0.27
44.750	0.00	0.48	0.525	O				0.27
44.833	0.00	0.48	0.521	O				0.27
44.917	0.00	0.48	0.518	O				0.27
45.000	0.00	0.48	0.515	O				0.26
45.083	0.00	0.47	0.511	O				0.26
45.167	0.00	0.47	0.508	O				0.26
45.250	0.00	0.47	0.505	O				0.26
45.333	0.00	0.46	0.502	O				0.26
45.417	0.00	0.46	0.498	O				0.26
45.500	0.00	0.46	0.495	O				0.25
45.583	0.00	0.45	0.492	O				0.25
45.667	0.00	0.45	0.489	O				0.25
45.750	0.00	0.45	0.486	O				0.25
45.833	0.00	0.45	0.483	O				0.25
45.917	0.00	0.44	0.480	O				0.25
46.000	0.00	0.44	0.477	O				0.24
46.083	0.00	0.44	0.474	O				0.24
46.167	0.00	0.43	0.471	O				0.24
46.250	0.00	0.43	0.468	O				0.24
46.333	0.00	0.43	0.465	O				0.24
46.417	0.00	0.43	0.462	O				0.24

46.500	0.00	0.42	0.459	O				0.24
46.583	0.00	0.42	0.456	O				0.23
46.667	0.00	0.42	0.453	O				0.23
46.750	0.00	0.42	0.450	O				0.23
46.833	0.00	0.41	0.447	O				0.23
46.917	0.00	0.41	0.445	O				0.23
47.000	0.00	0.41	0.442	O				0.23
47.083	0.00	0.41	0.439	O				0.23
47.167	0.00	0.40	0.436	O				0.22
47.250	0.00	0.40	0.433	O				0.22
47.333	0.00	0.40	0.431	O				0.22
47.417	0.00	0.40	0.428	O				0.22
47.500	0.00	0.39	0.425	O				0.22
47.583	0.00	0.39	0.422	O				0.22
47.667	0.00	0.39	0.420	O				0.22
47.750	0.00	0.39	0.417	O				0.21
47.833	0.00	0.38	0.414	O				0.21
47.917	0.00	0.38	0.412	O				0.21
48.000	0.00	0.38	0.409	O				0.21
48.083	0.00	0.38	0.407	O				0.21
48.167	0.00	0.37	0.404	O				0.21
48.250	0.00	0.37	0.401	O				0.21
48.333	0.00	0.37	0.399	O				0.20
48.417	0.00	0.37	0.396	O				0.20
48.500	0.00	0.36	0.394	O				0.20
48.583	0.00	0.36	0.391	O				0.20
48.667	0.00	0.36	0.389	O				0.20
48.750	0.00	0.36	0.386	O				0.20
48.833	0.00	0.35	0.384	O				0.20
48.917	0.00	0.35	0.382	O				0.20
49.000	0.00	0.35	0.379	O				0.19
49.083	0.00	0.35	0.377	O				0.19
49.167	0.00	0.35	0.374	O				0.19
49.250	0.00	0.34	0.372	O				0.19
49.333	0.00	0.34	0.370	O				0.19
49.417	0.00	0.34	0.367	O				0.19
49.500	0.00	0.34	0.365	O				0.19
49.583	0.00	0.34	0.363	O				0.19
49.667	0.00	0.33	0.360	O				0.18
49.750	0.00	0.33	0.358	O				0.18
49.833	0.00	0.33	0.356	O				0.18
49.917	0.00	0.33	0.354	O				0.18
50.000	0.00	0.32	0.351	O				0.18
50.083	0.00	0.32	0.349	O				0.18
50.167	0.00	0.32	0.347	O				0.18
50.250	0.00	0.32	0.345	O				0.18
50.333	0.00	0.32	0.342	O				0.18
50.417	0.00	0.31	0.340	O				0.17
50.500	0.00	0.31	0.338	O				0.17
50.583	0.00	0.31	0.336	O				0.17
50.667	0.00	0.31	0.334	O				0.17
50.750	0.00	0.31	0.332	O				0.17
50.833	0.00	0.30	0.330	O				0.17
50.917	0.00	0.30	0.328	O				0.17
51.000	0.00	0.30	0.325	O				0.17
51.083	0.00	0.30	0.323	O				0.17
51.167	0.00	0.30	0.321	O				0.16
51.250	0.00	0.30	0.319	O				0.16
51.333	0.00	0.29	0.317	O				0.16
51.417	0.00	0.29	0.315	O				0.16
51.500	0.00	0.29	0.313	O				0.16
51.583	0.00	0.29	0.311	O				0.16
51.667	0.00	0.29	0.309	O				0.16

51.750	0.00	0.28	0.307	O				0.16
51.833	0.00	0.28	0.305	O				0.16
51.917	0.00	0.28	0.303	O				0.16
52.000	0.00	0.28	0.302	O				0.15
52.083	0.00	0.28	0.300	O				0.15
52.167	0.00	0.28	0.298	O				0.15
52.250	0.00	0.27	0.296	O				0.15
52.333	0.00	0.27	0.294	O				0.15
52.417	0.00	0.27	0.292	O				0.15
52.500	0.00	0.27	0.290	O				0.15
52.583	0.00	0.27	0.288	O				0.15
52.667	0.00	0.26	0.287	O				0.15
52.750	0.00	0.26	0.285	O				0.15
52.833	0.00	0.26	0.283	O				0.15
52.917	0.00	0.26	0.281	O				0.14
53.000	0.00	0.26	0.279	O				0.14
53.083	0.00	0.26	0.278	O				0.14
53.167	0.00	0.25	0.276	O				0.14
53.250	0.00	0.25	0.274	O				0.14
53.333	0.00	0.25	0.272	O				0.14
53.417	0.00	0.25	0.271	O				0.14
53.500	0.00	0.25	0.269	O				0.14
53.583	0.00	0.25	0.267	O				0.14
53.667	0.00	0.25	0.265	O				0.14
53.750	0.00	0.24	0.264	O				0.14
53.833	0.00	0.24	0.262	O				0.13
53.917	0.00	0.24	0.260	O				0.13
54.000	0.00	0.24	0.259	O				0.13
54.083	0.00	0.24	0.257	O				0.13
54.167	0.00	0.24	0.256	O				0.13
54.250	0.00	0.23	0.254	O				0.13
54.333	0.00	0.23	0.252	O				0.13
54.417	0.00	0.23	0.251	O				0.13
54.500	0.00	0.23	0.249	O				0.13
54.583	0.00	0.23	0.248	O				0.13
54.667	0.00	0.23	0.246	O				0.13
54.750	0.00	0.23	0.244	O				0.13
54.833	0.00	0.22	0.243	O				0.12
54.917	0.00	0.22	0.241	O				0.12
55.000	0.00	0.22	0.240	O				0.12
55.083	0.00	0.22	0.238	O				0.12
55.167	0.00	0.22	0.237	O				0.12
55.250	0.00	0.22	0.235	O				0.12
55.333	0.00	0.22	0.234	O				0.12
55.417	0.00	0.21	0.232	O				0.12
55.500	0.00	0.21	0.231	O				0.12
55.583	0.00	0.21	0.229	O				0.12
55.667	0.00	0.21	0.228	O				0.12
55.750	0.00	0.21	0.226	O				0.12
55.833	0.00	0.21	0.225	O				0.12
55.917	0.00	0.21	0.224	O				0.11
56.000	0.00	0.21	0.222	O				0.11
56.083	0.00	0.20	0.221	O				0.11
56.167	0.00	0.20	0.219	O				0.11
56.250	0.00	0.20	0.218	O				0.11
56.333	0.00	0.20	0.217	O				0.11
56.417	0.00	0.20	0.215	O				0.11
56.500	0.00	0.20	0.214	O				0.11
56.583	0.00	0.20	0.212	O				0.11
56.667	0.00	0.20	0.211	O				0.11
56.750	0.00	0.19	0.210	O				0.11
56.833	0.00	0.19	0.208	O				0.11
56.917	0.00	0.19	0.207	O				0.11

57.000	0.00	0.19	0.206	O				0.11
57.083	0.00	0.19	0.205	O				0.10
57.167	0.00	0.19	0.203	O				0.10
57.250	0.00	0.19	0.202	O				0.10
57.333	0.00	0.19	0.201	O				0.10
57.417	0.00	0.18	0.199	O				0.10
57.500	0.00	0.18	0.198	O				0.10
57.583	0.00	0.18	0.197	O				0.10
57.667	0.00	0.18	0.196	O				0.10
57.750	0.00	0.18	0.194	O				0.10
57.833	0.00	0.18	0.193	O				0.10
57.917	0.00	0.18	0.192	O				0.10
58.000	0.00	0.18	0.191	O				0.10
58.083	0.00	0.18	0.189	O				0.10
58.167	0.00	0.17	0.188	O				0.10
58.250	0.00	0.17	0.187	O				0.10
58.333	0.00	0.17	0.186	O				0.10
58.417	0.00	0.17	0.185	O				0.09
58.500	0.00	0.17	0.184	O				0.09
58.583	0.00	0.17	0.182	O				0.09
58.667	0.00	0.17	0.181	O				0.09
58.750	0.00	0.17	0.180	O				0.09
58.833	0.00	0.17	0.179	O				0.09
58.917	0.00	0.16	0.178	O				0.09
59.000	0.00	0.16	0.177	O				0.09
59.083	0.00	0.16	0.176	O				0.09
59.167	0.00	0.16	0.174	O				0.09
59.250	0.00	0.16	0.173	O				0.09
59.333	0.00	0.16	0.172	O				0.09
59.417	0.00	0.16	0.171	O				0.09
59.500	0.00	0.16	0.170	O				0.09
59.583	0.00	0.16	0.169	O				0.09
59.667	0.00	0.16	0.168	O				0.09
59.750	0.00	0.15	0.167	O				0.09
59.833	0.00	0.15	0.166	O				0.09
59.917	0.00	0.15	0.165	O				0.08
60.000	0.00	0.15	0.164	O				0.08
60.083	0.00	0.15	0.163	O				0.08
60.167	0.00	0.15	0.162	O				0.08
60.250	0.00	0.15	0.161	O				0.08
60.333	0.00	0.15	0.160	O				0.08
60.417	0.00	0.15	0.159	O				0.08
60.500	0.00	0.15	0.158	O				0.08
60.583	0.00	0.14	0.157	O				0.08
60.667	0.00	0.14	0.156	O				0.08
60.750	0.00	0.14	0.155	O				0.08
60.833	0.00	0.14	0.154	O				0.08
60.917	0.00	0.14	0.153	O				0.08
61.000	0.00	0.14	0.152	O				0.08
61.083	0.00	0.14	0.151	O				0.08
61.167	0.00	0.14	0.150	O				0.08
61.250	0.00	0.14	0.149	O				0.08
61.333	0.00	0.14	0.148	O				0.08
61.417	0.00	0.14	0.147	O				0.08
61.500	0.00	0.13	0.146	O				0.07
61.583	0.00	0.13	0.145	O				0.07
61.667	0.00	0.13	0.144	O				0.07
61.750	0.00	0.13	0.143	O				0.07
61.833	0.00	0.13	0.142	O				0.07
61.917	0.00	0.13	0.141	O				0.07
62.000	0.00	0.13	0.140	O				0.07
62.083	0.00	0.13	0.140	O				0.07
62.167	0.00	0.13	0.139	O				0.07

62.250	0.00	0.13	0.138	O				0.07
62.333	0.00	0.13	0.137	O				0.07
62.417	0.00	0.13	0.136	O				0.07
62.500	0.00	0.12	0.135	O				0.07
62.583	0.00	0.12	0.134	O				0.07
62.667	0.00	0.12	0.134	O				0.07
62.750	0.00	0.12	0.133	O				0.07
62.833	0.00	0.12	0.132	O				0.07
62.917	0.00	0.12	0.131	O				0.07
63.000	0.00	0.12	0.130	O				0.07
63.083	0.00	0.12	0.129	O				0.07
63.167	0.00	0.12	0.129	O				0.07
63.250	0.00	0.12	0.128	O				0.07
63.333	0.00	0.12	0.127	O				0.07
63.417	0.00	0.12	0.126	O				0.06
63.500	0.00	0.12	0.125	O				0.06
63.583	0.00	0.12	0.124	O				0.06
63.667	0.00	0.11	0.124	O				0.06
63.750	0.00	0.11	0.123	O				0.06
63.833	0.00	0.11	0.122	O				0.06
63.917	0.00	0.11	0.121	O				0.06
64.000	0.00	0.11	0.121	O				0.06
64.083	0.00	0.11	0.120	O				0.06
64.167	0.00	0.11	0.119	O				0.06
64.250	0.00	0.11	0.118	O				0.06
64.333	0.00	0.11	0.118	O				0.06
64.417	0.00	0.11	0.117	O				0.06
64.500	0.00	0.11	0.116	O				0.06
64.583	0.00	0.11	0.115	O				0.06
64.667	0.00	0.11	0.115	O				0.06
64.750	0.00	0.11	0.114	O				0.06
64.833	0.00	0.10	0.113	O				0.06
64.917	0.00	0.10	0.112	O				0.06
65.000	0.00	0.10	0.112	O				0.06
65.083	0.00	0.10	0.111	O				0.06
65.167	0.00	0.10	0.110	O				0.06
65.250	0.00	0.10	0.110	O				0.06
65.333	0.00	0.10	0.109	O				0.06
65.417	0.00	0.10	0.108	O				0.06
65.500	0.00	0.10	0.108	O				0.06
65.583	0.00	0.10	0.107	O				0.05
65.667	0.00	0.10	0.106	O				0.05
65.750	0.00	0.10	0.106	O				0.05
65.833	0.00	0.10	0.105	O				0.05
65.917	0.00	0.10	0.104	O				0.05
66.000	0.00	0.10	0.104	O				0.05
66.083	0.00	0.10	0.103	O				0.05
66.167	0.00	0.09	0.102	O				0.05
66.250	0.00	0.09	0.102	O				0.05
66.333	0.00	0.09	0.101	O				0.05
66.417	0.00	0.09	0.100	O				0.05
66.500	0.00	0.09	0.100	O				0.05
66.583	0.00	0.09	0.099	O				0.05
66.667	0.00	0.09	0.098	O				0.05
66.750	0.00	0.09	0.098	O				0.05
66.833	0.00	0.09	0.097	O				0.05
66.917	0.00	0.09	0.097	O				0.05
67.000	0.00	0.09	0.096	O				0.05
67.083	0.00	0.09	0.095	O				0.05
67.167	0.00	0.09	0.095	O				0.05
67.250	0.00	0.09	0.094	O				0.05
67.333	0.00	0.09	0.093	O				0.05
67.417	0.00	0.09	0.093	O				0.05

67.500	0.00	0.09	0.092	O				0.05
67.583	0.00	0.08	0.092	O				0.05
67.667	0.00	0.08	0.091	O				0.05
67.750	0.00	0.08	0.091	O				0.05
67.833	0.00	0.08	0.090	O				0.05
67.917	0.00	0.08	0.089	O				0.05
68.000	0.00	0.08	0.089	O				0.05
68.083	0.00	0.08	0.088	O				0.05
68.167	0.00	0.08	0.088	O				0.05
68.250	0.00	0.08	0.087	O				0.04
68.333	0.00	0.08	0.087	O				0.04
68.417	0.00	0.08	0.086	O				0.04
68.500	0.00	0.08	0.086	O				0.04
68.583	0.00	0.08	0.085	O				0.04
68.667	0.00	0.08	0.084	O				0.04
68.750	0.00	0.08	0.084	O				0.04
68.833	0.00	0.08	0.083	O				0.04
68.917	0.00	0.08	0.083	O				0.04
69.000	0.00	0.08	0.082	O				0.04
69.083	0.00	0.08	0.082	O				0.04
69.167	0.00	0.08	0.081	O				0.04
69.250	0.00	0.07	0.081	O				0.04
69.333	0.00	0.07	0.080	O				0.04
69.417	0.00	0.07	0.080	O				0.04
69.500	0.00	0.07	0.079	O				0.04
69.583	0.00	0.07	0.079	O				0.04
69.667	0.00	0.07	0.078	O				0.04
69.750	0.00	0.07	0.078	O				0.04
69.833	0.00	0.07	0.077	O				0.04
69.917	0.00	0.07	0.077	O				0.04
70.000	0.00	0.07	0.076	O				0.04
70.083	0.00	0.07	0.076	O				0.04
70.167	0.00	0.07	0.075	O				0.04
70.250	0.00	0.07	0.075	O				0.04
70.333	0.00	0.07	0.074	O				0.04
70.417	0.00	0.07	0.074	O				0.04
70.500	0.00	0.07	0.073	O				0.04
70.583	0.00	0.07	0.073	O				0.04
70.667	0.00	0.07	0.072	O				0.04
70.750	0.00	0.07	0.072	O				0.04
70.833	0.00	0.07	0.072	O				0.04
70.917	0.00	0.07	0.071	O				0.04
71.000	0.00	0.07	0.071	O				0.04
71.083	0.00	0.06	0.070	O				0.04
71.167	0.00	0.06	0.070	O				0.04
71.250	0.00	0.06	0.069	O				0.04
71.333	0.00	0.06	0.069	O				0.04
71.417	0.00	0.06	0.068	O				0.04
71.500	0.00	0.06	0.068	O				0.03
71.583	0.00	0.06	0.068	O				0.03
71.667	0.00	0.06	0.067	O				0.03
71.750	0.00	0.06	0.067	O				0.03
71.833	0.00	0.06	0.066	O				0.03
71.917	0.00	0.06	0.066	O				0.03
72.000	0.00	0.06	0.065	O				0.03
72.083	0.00	0.06	0.065	O				0.03
72.167	0.00	0.06	0.065	O				0.03
72.250	0.00	0.06	0.064	O				0.03
72.333	0.00	0.06	0.064	O				0.03
72.417	0.00	0.06	0.063	O				0.03
72.500	0.00	0.06	0.063	O				0.03
72.583	0.00	0.06	0.063	O				0.03
72.667	0.00	0.06	0.062	O				0.03

72.750	0.00	0.06	0.062	O				0.03
72.833	0.00	0.06	0.061	O				0.03
72.917	0.00	0.06	0.061	O				0.03
73.000	0.00	0.06	0.061	O				0.03
73.083	0.00	0.06	0.060	O				0.03
73.167	0.00	0.06	0.060	O				0.03
73.250	0.00	0.05	0.060	O				0.03
73.333	0.00	0.05	0.059	O				0.03
73.417	0.00	0.05	0.059	O				0.03
73.500	0.00	0.05	0.058	O				0.03
73.583	0.00	0.05	0.058	O				0.03
73.667	0.00	0.05	0.058	O				0.03
73.750	0.00	0.05	0.057	O				0.03
73.833	0.00	0.05	0.057	O				0.03
73.917	0.00	0.05	0.057	O				0.03
74.000	0.00	0.05	0.056	O				0.03
74.083	0.00	0.05	0.056	O				0.03
74.167	0.00	0.05	0.055	O				0.03
74.250	0.00	0.05	0.055	O				0.03
74.333	0.00	0.05	0.055	O				0.03
74.417	0.00	0.05	0.054	O				0.03
74.500	0.00	0.05	0.054	O				0.03
74.583	0.00	0.05	0.054	O				0.03
74.667	0.00	0.05	0.053	O				0.03
74.750	0.00	0.05	0.053	O				0.03
74.833	0.00	0.05	0.053	O				0.03
74.917	0.00	0.05	0.052	O				0.03
75.000	0.00	0.05	0.052	O				0.03
75.083	0.00	0.05	0.052	O				0.03
75.167	0.00	0.05	0.051	O				0.03
75.250	0.00	0.05	0.051	O				0.03
75.333	0.00	0.05	0.051	O				0.03
75.417	0.00	0.05	0.050	O				0.03
75.500	0.00	0.05	0.050	O				0.03
75.583	0.00	0.05	0.050	O				0.03
75.667	0.00	0.05	0.049	O				0.03
75.750	0.00	0.05	0.049	O				0.03
75.833	0.00	0.05	0.049	O				0.03
75.917	0.00	0.04	0.049	O				0.02
76.000	0.00	0.04	0.048	O				0.02
76.083	0.00	0.04	0.048	O				0.02
76.167	0.00	0.04	0.048	O				0.02
76.250	0.00	0.04	0.047	O				0.02
76.333	0.00	0.04	0.047	O				0.02
76.417	0.00	0.04	0.047	O				0.02
76.500	0.00	0.04	0.046	O				0.02
76.583	0.00	0.04	0.046	O				0.02
76.667	0.00	0.04	0.046	O				0.02
76.750	0.00	0.04	0.046	O				0.02
76.833	0.00	0.04	0.045	O				0.02
76.917	0.00	0.04	0.045	O				0.02
77.000	0.00	0.04	0.045	O				0.02
77.083	0.00	0.04	0.044	O				0.02
77.167	0.00	0.04	0.044	O				0.02
77.250	0.00	0.04	0.044	O				0.02
77.333	0.00	0.04	0.044	O				0.02
77.417	0.00	0.04	0.043	O				0.02
77.500	0.00	0.04	0.043	O				0.02
77.583	0.00	0.04	0.043	O				0.02
77.667	0.00	0.04	0.042	O				0.02
77.750	0.00	0.04	0.042	O				0.02
77.833	0.00	0.04	0.042	O				0.02
77.917	0.00	0.04	0.042	O				0.02

78.000	0.00	0.04	0.041	O				0.02
78.083	0.00	0.04	0.041	O				0.02
78.167	0.00	0.04	0.041	O				0.02
78.250	0.00	0.04	0.041	O				0.02
78.333	0.00	0.04	0.040	O				0.02
78.417	0.00	0.04	0.040	O				0.02
78.500	0.00	0.04	0.040	O				0.02
78.583	0.00	0.04	0.040	O				0.02
78.667	0.00	0.04	0.039	O				0.02
78.750	0.00	0.04	0.039	O				0.02
78.833	0.00	0.04	0.039	O				0.02
78.917	0.00	0.04	0.039	O				0.02
79.000	0.00	0.04	0.038	O				0.02
79.083	0.00	0.04	0.038	O				0.02
79.167	0.00	0.03	0.038	O				0.02
79.250	0.00	0.03	0.038	O				0.02
79.333	0.00	0.03	0.037	O				0.02
79.417	0.00	0.03	0.037	O				0.02
79.500	0.00	0.03	0.037	O				0.02
79.583	0.00	0.03	0.037	O				0.02
79.667	0.00	0.03	0.036	O				0.02
79.750	0.00	0.03	0.036	O				0.02
79.833	0.00	0.03	0.036	O				0.02
79.917	0.00	0.03	0.036	O				0.02
80.000	0.00	0.03	0.036	O				0.02
80.083	0.00	0.03	0.035	O				0.02
80.167	0.00	0.03	0.035	O				0.02
80.250	0.00	0.03	0.035	O				0.02
80.333	0.00	0.03	0.035	O				0.02
80.417	0.00	0.03	0.034	O				0.02
80.500	0.00	0.03	0.034	O				0.02
80.583	0.00	0.03	0.034	O				0.02
80.667	0.00	0.03	0.034	O				0.02
80.750	0.00	0.03	0.034	O				0.02
80.833	0.00	0.03	0.033	O				0.02
80.917	0.00	0.03	0.033	O				0.02
81.000	0.00	0.03	0.033	O				0.02
81.083	0.00	0.03	0.033	O				0.02
81.167	0.00	0.03	0.033	O				0.02
81.250	0.00	0.03	0.032	O				0.02
81.333	0.00	0.03	0.032	O				0.02
81.417	0.00	0.03	0.032	O				0.02
81.500	0.00	0.03	0.032	O				0.02
81.583	0.00	0.03	0.031	O				0.02
81.667	0.00	0.03	0.031	O				0.02
81.750	0.00	0.03	0.031	O				0.02
81.833	0.00	0.03	0.031	O				0.02
81.917	0.00	0.03	0.031	O				0.02
82.000	0.00	0.03	0.031	O				0.02
82.083	0.00	0.03	0.030	O				0.02
82.167	0.00	0.03	0.030	O				0.02
82.250	0.00	0.03	0.030	O				0.02
82.333	0.00	0.03	0.030	O				0.02
82.417	0.00	0.03	0.030	O				0.02
82.500	0.00	0.03	0.029	O				0.02
82.583	0.00	0.03	0.029	O				0.01
82.667	0.00	0.03	0.029	O				0.01
82.750	0.00	0.03	0.029	O				0.01
82.833	0.00	0.03	0.029	O				0.01
82.917	0.00	0.03	0.028	O				0.01
83.000	0.00	0.03	0.028	O				0.01
83.083	0.00	0.03	0.028	O				0.01
83.167	0.00	0.03	0.028	O				0.01

83.250	0.00	0.03	0.028	O				0.01
83.333	0.00	0.03	0.028	O				0.01
83.417	0.00	0.03	0.027	O				0.01
83.500	0.00	0.03	0.027	O				0.01
83.583	0.00	0.02	0.027	O				0.01
83.667	0.00	0.02	0.027	O				0.01
83.750	0.00	0.02	0.027	O				0.01
83.833	0.00	0.02	0.027	O				0.01
83.917	0.00	0.02	0.026	O				0.01
84.000	0.00	0.02	0.026	O				0.01
84.083	0.00	0.02	0.026	O				0.01
84.167	0.00	0.02	0.026	O				0.01
84.250	0.00	0.02	0.026	O				0.01
84.333	0.00	0.02	0.026	O				0.01
84.417	0.00	0.02	0.025	O				0.01
84.500	0.00	0.02	0.025	O				0.01
84.583	0.00	0.02	0.025	O				0.01
84.667	0.00	0.02	0.025	O				0.01
84.750	0.00	0.02	0.025	O				0.01
84.833	0.00	0.02	0.025	O				0.01
84.917	0.00	0.02	0.024	O				0.01
85.000	0.00	0.02	0.024	O				0.01
85.083	0.00	0.02	0.024	O				0.01
85.167	0.00	0.02	0.024	O				0.01
85.250	0.00	0.02	0.024	O				0.01
85.333	0.00	0.02	0.024	O				0.01
85.417	0.00	0.02	0.023	O				0.01
85.500	0.00	0.02	0.023	O				0.01
85.583	0.00	0.02	0.023	O				0.01
85.667	0.00	0.02	0.023	O				0.01
85.750	0.00	0.02	0.023	O				0.01
85.833	0.00	0.02	0.023	O				0.01
85.917	0.00	0.02	0.023	O				0.01
86.000	0.00	0.02	0.022	O				0.01
86.083	0.00	0.02	0.022	O				0.01
86.167	0.00	0.02	0.022	O				0.01
86.250	0.00	0.02	0.022	O				0.01
86.333	0.00	0.02	0.022	O				0.01
86.417	0.00	0.02	0.022	O				0.01
86.500	0.00	0.02	0.022	O				0.01
86.583	0.00	0.02	0.021	O				0.01
86.667	0.00	0.02	0.021	O				0.01
86.750	0.00	0.02	0.021	O				0.01
86.833	0.00	0.02	0.021	O				0.01
86.917	0.00	0.02	0.021	O				0.01
87.000	0.00	0.02	0.021	O				0.01
87.083	0.00	0.02	0.021	O				0.01
87.167	0.00	0.02	0.021	O				0.01
87.250	0.00	0.02	0.020	O				0.01
87.333	0.00	0.02	0.020	O				0.01
87.417	0.00	0.02	0.020	O				0.01
87.500	0.00	0.02	0.020	O				0.01
87.583	0.00	0.02	0.020	O				0.01
87.667	0.00	0.02	0.020	O				0.01
87.750	0.00	0.02	0.020	O				0.01
87.833	0.00	0.02	0.020	O				0.01
87.917	0.00	0.02	0.019	O				0.01
88.000	0.00	0.02	0.019	O				0.01
88.083	0.00	0.02	0.019	O				0.01
88.167	0.00	0.02	0.019	O				0.01
88.250	0.00	0.02	0.019	O				0.01
88.333	0.00	0.02	0.019	O				0.01
88.417	0.00	0.02	0.019	O				0.01

88.500	0.00	0.02	0.019	O				0.01
88.583	0.00	0.02	0.018	O				0.01
88.667	0.00	0.02	0.018	O				0.01
88.750	0.00	0.02	0.018	O				0.01
88.833	0.00	0.02	0.018	O				0.01
88.917	0.00	0.02	0.018	O				0.01
89.000	0.00	0.02	0.018	O				0.01
89.083	0.00	0.02	0.018	O				0.01
89.167	0.00	0.02	0.018	O				0.01
89.250	0.00	0.02	0.018	O				0.01
89.333	0.00	0.02	0.017	O				0.01
89.417	0.00	0.02	0.017	O				0.01
89.500	0.00	0.02	0.017	O				0.01
89.583	0.00	0.02	0.017	O				0.01
89.667	0.00	0.02	0.017	O				0.01
89.750	0.00	0.02	0.017	O				0.01
89.833	0.00	0.02	0.017	O				0.01
89.917	0.00	0.02	0.017	O				0.01
90.000	0.00	0.02	0.017	O				0.01
90.083	0.00	0.02	0.016	O				0.01
90.167	0.00	0.02	0.016	O				0.01
90.250	0.00	0.02	0.016	O				0.01
90.333	0.00	0.01	0.016	O				0.01
90.417	0.00	0.01	0.016	O				0.01
90.500	0.00	0.01	0.016	O				0.01
90.583	0.00	0.01	0.016	O				0.01
90.667	0.00	0.01	0.016	O				0.01
90.750	0.00	0.01	0.016	O				0.01
90.833	0.00	0.01	0.016	O				0.01
90.917	0.00	0.01	0.015	O				0.01
91.000	0.00	0.01	0.015	O				0.01
91.083	0.00	0.01	0.015	O				0.01
91.167	0.00	0.01	0.015	O				0.01
91.250	0.00	0.01	0.015	O				0.01
91.333	0.00	0.01	0.015	O				0.01
91.417	0.00	0.01	0.015	O				0.01
91.500	0.00	0.01	0.015	O				0.01
91.583	0.00	0.01	0.015	O				0.01
91.667	0.00	0.01	0.015	O				0.01
91.750	0.00	0.01	0.014	O				0.01
91.833	0.00	0.01	0.014	O				0.01
91.917	0.00	0.01	0.014	O				0.01
92.000	0.00	0.01	0.014	O				0.01
92.083	0.00	0.01	0.014	O				0.01
92.167	0.00	0.01	0.014	O				0.01
92.250	0.00	0.01	0.014	O				0.01
92.333	0.00	0.01	0.014	O				0.01
92.417	0.00	0.01	0.014	O				0.01
92.500	0.00	0.01	0.014	O				0.01
92.583	0.00	0.01	0.014	O				0.01
92.667	0.00	0.01	0.014	O				0.01
92.750	0.00	0.01	0.013	O				0.01
92.833	0.00	0.01	0.013	O				0.01
92.917	0.00	0.01	0.013	O				0.01
93.000	0.00	0.01	0.013	O				0.01
93.083	0.00	0.01	0.013	O				0.01
93.167	0.00	0.01	0.013	O				0.01
93.250	0.00	0.01	0.013	O				0.01
93.333	0.00	0.01	0.013	O				0.01
93.417	0.00	0.01	0.013	O				0.01
93.500	0.00	0.01	0.013	O				0.01
93.583	0.00	0.01	0.013	O				0.01
93.667	0.00	0.01	0.013	O				0.01

93.750	0.00	0.01	0.012	O					0.01
93.833	0.00	0.01	0.012	O					0.01
93.917	0.00	0.01	0.012	O					0.01
94.000	0.00	0.01	0.012	O					0.01
94.083	0.00	0.01	0.012	O					0.01
94.167	0.00	0.01	0.012	O					0.01
94.250	0.00	0.01	0.012	O					0.01
94.333	0.00	0.01	0.012	O					0.01
94.417	0.00	0.01	0.012	O					0.01
94.500	0.00	0.01	0.012	O					0.01
94.583	0.00	0.01	0.012	O					0.01
94.667	0.00	0.01	0.012	O					0.01
94.750	0.00	0.01	0.012	O					0.01
94.833	0.00	0.01	0.011	O					0.01
94.917	0.00	0.01	0.011	O					0.01
95.000	0.00	0.01	0.011	O					0.01
95.083	0.00	0.01	0.011	O					0.01
95.167	0.00	0.01	0.011	O					0.01
95.250	0.00	0.01	0.011	O					0.01
95.333	0.00	0.01	0.011	O					0.01
95.417	0.00	0.01	0.011	O					0.01
95.500	0.00	0.01	0.011	O					0.01
95.583	0.00	0.01	0.011	O					0.01
95.667	0.00	0.01	0.011	O					0.01
95.750	0.00	0.01	0.011	O					0.01
95.833	0.00	0.01	0.011	O					0.01
95.917	0.00	0.01	0.011	O					0.01
96.000	0.00	0.01	0.010	O					0.01
96.083	0.00	0.01	0.010	O					0.01
96.167	0.00	0.01	0.010	O					0.01
96.250	0.00	0.01	0.010	O					0.01
96.333	0.00	0.01	0.010	O					0.01
96.417	0.00	0.01	0.010	O					0.01
96.500	0.00	0.01	0.010	O					0.01
96.583	0.00	0.01	0.010	O					0.01
96.667	0.00	0.01	0.010	O					0.01
96.750	0.00	0.01	0.010	O					0.01
96.833	0.00	0.01	0.010	O					0.01
96.917	0.00	0.01	0.010	O					0.01
97.000	0.00	0.01	0.010	O					0.00
97.083	0.00	0.01	0.010	O					0.00
97.167	0.00	0.01	0.010	O					0.00
97.250	0.00	0.01	0.010	O					0.00
97.333	0.00	0.01	0.009	O					0.00
97.417	0.00	0.01	0.009	O					0.00
97.500	0.00	0.01	0.009	O					0.00
97.583	0.00	0.01	0.009	O					0.00
97.667	0.00	0.01	0.009	O					0.00
97.750	0.00	0.01	0.009	O					0.00
97.833	0.00	0.01	0.009	O					0.00
97.917	0.00	0.01	0.009	O					0.00
98.000	0.00	0.01	0.009	O					0.00
98.083	0.00	0.01	0.009	O					0.00
98.167	0.00	0.01	0.009	O					0.00
98.250	0.00	0.01	0.009	O					0.00
98.333	0.00	0.01	0.009	O					0.00
98.417	0.00	0.01	0.009	O					0.00
98.500	0.00	0.01	0.009	O					0.00
98.583	0.00	0.01	0.009	O					0.00
98.667	0.00	0.01	0.009	O					0.00
98.750	0.00	0.01	0.008	O					0.00
98.833	0.00	0.01	0.008	O					0.00
98.917	0.00	0.01	0.008	O					0.00

99.000	0.00	0.01	0.008	O					0.00
99.083	0.00	0.01	0.008	O					0.00
99.167	0.00	0.01	0.008	O					0.00
99.250	0.00	0.01	0.008	O					0.00
99.333	0.00	0.01	0.008	O					0.00
99.417	0.00	0.01	0.008	O					0.00
99.500	0.00	0.01	0.008	O					0.00
99.583	0.00	0.01	0.008	O					0.00
99.667	0.00	0.01	0.008	O					0.00
99.750	0.00	0.01	0.008	O					0.00
99.833	0.00	0.01	0.008	O					0.00
99.917	0.00	0.01	0.008	O					0.00
100.000	0.00	0.01	0.008	O					0.00
100.083	0.00	0.01	0.008	O					0.00
100.167	0.00	0.01	0.008	O					0.00
100.250	0.00	0.01	0.008	O					0.00
100.333	0.00	0.01	0.008	O					0.00
100.417	0.00	0.01	0.007	O					0.00
100.500	0.00	0.01	0.007	O					0.00
100.583	0.00	0.01	0.007	O					0.00
100.667	0.00	0.01	0.007	O					0.00
100.750	0.00	0.01	0.007	O					0.00
100.833	0.00	0.01	0.007	O					0.00
100.917	0.00	0.01	0.007	O					0.00
101.000	0.00	0.01	0.007	O					0.00
101.083	0.00	0.01	0.007	O					0.00
101.167	0.00	0.01	0.007	O					0.00
101.250	0.00	0.01	0.007	O					0.00
101.333	0.00	0.01	0.007	O					0.00
101.417	0.00	0.01	0.007	O					0.00
101.500	0.00	0.01	0.007	O					0.00
101.583	0.00	0.01	0.007	O					0.00
101.667	0.00	0.01	0.007	O					0.00
101.750	0.00	0.01	0.007	O					0.00
101.833	0.00	0.01	0.007	O					0.00
101.917	0.00	0.01	0.007	O					0.00
102.000	0.00	0.01	0.007	O					0.00
102.083	0.00	0.01	0.007	O					0.00
102.167	0.00	0.01	0.007	O					0.00
102.250	0.00	0.01	0.006	O					0.00
102.333	0.00	0.01	0.006	O					0.00
102.417	0.00	0.01	0.006	O					0.00
102.500	0.00	0.01	0.006	O					0.00
102.583	0.00	0.01	0.006	O					0.00
102.667	0.00	0.01	0.006	O					0.00
102.750	0.00	0.01	0.006	O					0.00
102.833	0.00	0.01	0.006	O					0.00
102.917	0.00	0.01	0.006	O					0.00
103.000	0.00	0.01	0.006	O					0.00
103.083	0.00	0.01	0.006	O					0.00
103.167	0.00	0.01	0.006	O					0.00
103.250	0.00	0.01	0.006	O					0.00
103.333	0.00	0.01	0.006	O					0.00
103.417	0.00	0.01	0.006	O					0.00
103.500	0.00	0.01	0.006	O					0.00
103.583	0.00	0.01	0.006	O					0.00
103.667	0.00	0.01	0.006	O					0.00
103.750	0.00	0.01	0.006	O					0.00
103.833	0.00	0.01	0.006	O					0.00
103.917	0.00	0.01	0.006	O					0.00
104.000	0.00	0.01	0.006	O					0.00
104.083	0.00	0.01	0.006	O					0.00
104.167	0.00	0.01	0.006	O					0.00

104.250	0.00	0.01	0.006	O					0.00
104.333	0.00	0.01	0.006	O					0.00
104.417	0.00	0.01	0.006	O					0.00
104.500	0.00	0.01	0.005	O					0.00
104.583	0.00	0.01	0.005	O					0.00
104.667	0.00	0.00	0.005	O					0.00
104.750	0.00	0.00	0.005	O					0.00
104.833	0.00	0.00	0.005	O					0.00
104.917	0.00	0.00	0.005	O					0.00
105.000	0.00	0.00	0.005	O					0.00
105.083	0.00	0.00	0.005	O					0.00
105.167	0.00	0.00	0.005	O					0.00
105.250	0.00	0.00	0.005	O					0.00
105.333	0.00	0.00	0.005	O					0.00
105.417	0.00	0.00	0.005	O					0.00
105.500	0.00	0.00	0.005	O					0.00
105.583	0.00	0.00	0.005	O					0.00
105.667	0.00	0.00	0.005	O					0.00
105.750	0.00	0.00	0.005	O					0.00
105.833	0.00	0.00	0.005	O					0.00
105.917	0.00	0.00	0.005	O					0.00
106.000	0.00	0.00	0.005	O					0.00
106.083	0.00	0.00	0.005	O					0.00
106.167	0.00	0.00	0.005	O					0.00
106.250	0.00	0.00	0.005	O					0.00
106.333	0.00	0.00	0.005	O					0.00
106.417	0.00	0.00	0.005	O					0.00
106.500	0.00	0.00	0.005	O					0.00
106.583	0.00	0.00	0.005	O					0.00
106.667	0.00	0.00	0.005	O					0.00
106.750	0.00	0.00	0.005	O					0.00
106.833	0.00	0.00	0.005	O					0.00
106.917	0.00	0.00	0.005	O					0.00
107.000	0.00	0.00	0.005	O					0.00
107.083	0.00	0.00	0.004	O					0.00
107.167	0.00	0.00	0.004	O					0.00
107.250	0.00	0.00	0.004	O					0.00
107.333	0.00	0.00	0.004	O					0.00
107.417	0.00	0.00	0.004	O					0.00
107.500	0.00	0.00	0.004	O					0.00
107.583	0.00	0.00	0.004	O					0.00
107.667	0.00	0.00	0.004	O					0.00
107.750	0.00	0.00	0.004	O					0.00
107.833	0.00	0.00	0.004	O					0.00
107.917	0.00	0.00	0.004	O					0.00
108.000	0.00	0.00	0.004	O					0.00
108.083	0.00	0.00	0.004	O					0.00
108.167	0.00	0.00	0.004	O					0.00
108.250	0.00	0.00	0.004	O					0.00
108.333	0.00	0.00	0.004	O					0.00
108.417	0.00	0.00	0.004	O					0.00
108.500	0.00	0.00	0.004	O					0.00
108.583	0.00	0.00	0.004	O					0.00
108.667	0.00	0.00	0.004	O					0.00
108.750	0.00	0.00	0.004	O					0.00
108.833	0.00	0.00	0.004	O					0.00
108.917	0.00	0.00	0.004	O					0.00
109.000	0.00	0.00	0.004	O					0.00
109.083	0.00	0.00	0.004	O					0.00
109.167	0.00	0.00	0.004	O					0.00
109.250	0.00	0.00	0.004	O					0.00
109.333	0.00	0.00	0.004	O					0.00
109.417	0.00	0.00	0.004	O					0.00

109.500	0.00	0.00	0.004	O					0.00
109.583	0.00	0.00	0.004	O					0.00
109.667	0.00	0.00	0.004	O					0.00
109.750	0.00	0.00	0.004	O					0.00
109.833	0.00	0.00	0.004	O					0.00
109.917	0.00	0.00	0.004	O					0.00
110.000	0.00	0.00	0.004	O					0.00
110.083	0.00	0.00	0.004	O					0.00
110.167	0.00	0.00	0.004	O					0.00
110.250	0.00	0.00	0.004	O					0.00
110.333	0.00	0.00	0.004	O					0.00
110.417	0.00	0.00	0.003	O					0.00
110.500	0.00	0.00	0.003	O					0.00
110.583	0.00	0.00	0.003	O					0.00
110.667	0.00	0.00	0.003	O					0.00
110.750	0.00	0.00	0.003	O					0.00
110.833	0.00	0.00	0.003	O					0.00
110.917	0.00	0.00	0.003	O					0.00
111.000	0.00	0.00	0.003	O					0.00
111.083	0.00	0.00	0.003	O					0.00
111.167	0.00	0.00	0.003	O					0.00
111.250	0.00	0.00	0.003	O					0.00
111.333	0.00	0.00	0.003	O					0.00
111.417	0.00	0.00	0.003	O					0.00
111.500	0.00	0.00	0.003	O					0.00
111.583	0.00	0.00	0.003	O					0.00
111.667	0.00	0.00	0.003	O					0.00
111.750	0.00	0.00	0.003	O					0.00
111.833	0.00	0.00	0.003	O					0.00
111.917	0.00	0.00	0.003	O					0.00
112.000	0.00	0.00	0.003	O					0.00
112.083	0.00	0.00	0.003	O					0.00
112.167	0.00	0.00	0.003	O					0.00
112.250	0.00	0.00	0.003	O					0.00
112.333	0.00	0.00	0.003	O					0.00
112.417	0.00	0.00	0.003	O					0.00
112.500	0.00	0.00	0.003	O					0.00
112.583	0.00	0.00	0.003	O					0.00
112.667	0.00	0.00	0.003	O					0.00
112.750	0.00	0.00	0.003	O					0.00
112.833	0.00	0.00	0.003	O					0.00
112.917	0.00	0.00	0.003	O					0.00
113.000	0.00	0.00	0.003	O					0.00
113.083	0.00	0.00	0.003	O					0.00
113.167	0.00	0.00	0.003	O					0.00
113.250	0.00	0.00	0.003	O					0.00
113.333	0.00	0.00	0.003	O					0.00
113.417	0.00	0.00	0.003	O					0.00
113.500	0.00	0.00	0.003	O					0.00
113.583	0.00	0.00	0.003	O					0.00
113.667	0.00	0.00	0.003	O					0.00
113.750	0.00	0.00	0.003	O					0.00
113.833	0.00	0.00	0.003	O					0.00
113.917	0.00	0.00	0.003	O					0.00
114.000	0.00	0.00	0.003	O					0.00
114.083	0.00	0.00	0.003	O					0.00
114.167	0.00	0.00	0.003	O					0.00
114.250	0.00	0.00	0.003	O					0.00
114.333	0.00	0.00	0.003	O					0.00
114.417	0.00	0.00	0.003	O					0.00
114.500	0.00	0.00	0.003	O					0.00
114.583	0.00	0.00	0.003	O					0.00
114.667	0.00	0.00	0.003	O					0.00

114.750	0.00	0.00	0.003	O	|	|	|	|	0.00
114.833	0.00	0.00	0.002	O	|	|	|	|	0.00
114.917	0.00	0.00	0.002	O	|	|	|	|	0.00
115.000	0.00	0.00	0.002	O	|	|	|	|	0.00
115.083	0.00	0.00	0.002	O	|	|	|	|	0.00
115.167	0.00	0.00	0.002	O	|	|	|	|	0.00
115.250	0.00	0.00	0.002	O	|	|	|	|	0.00
115.333	0.00	0.00	0.002	O	|	|	|	|	0.00
115.417	0.00	0.00	0.002	O	|	|	|	|	0.00
115.500	0.00	0.00	0.002	O	|	|	|	|	0.00
115.583	0.00	0.00	0.002	O	|	|	|	|	0.00
115.667	0.00	0.00	0.002	O	|	|	|	|	0.00
115.750	0.00	0.00	0.002	O	|	|	|	|	0.00
115.833	0.00	0.00	0.002	O	|	|	|	|	0.00
115.917	0.00	0.00	0.002	O	|	|	|	|	0.00
116.000	0.00	0.00	0.002	O	|	|	|	|	0.00
116.083	0.00	0.00	0.002	O	|	|	|	|	0.00
116.167	0.00	0.00	0.002	O	|	|	|	|	0.00
116.250	0.00	0.00	0.002	O	|	|	|	|	0.00
116.333	0.00	0.00	0.002	O	|	|	|	|	0.00
116.417	0.00	0.00	0.002	O	|	|	|	|	0.00
116.500	0.00	0.00	0.002	O	|	|	|	|	0.00
116.583	0.00	0.00	0.002	O	|	|	|	|	0.00
116.667	0.00	0.00	0.002	O	|	|	|	|	0.00
116.750	0.00	0.00	0.002	O	|	|	|	|	0.00
116.833	0.00	0.00	0.002	O	|	|	|	|	0.00
116.917	0.00	0.00	0.002	O	|	|	|	|	0.00
117.000	0.00	0.00	0.002	O	|	|	|	|	0.00
117.083	0.00	0.00	0.002	O	|	|	|	|	0.00
117.167	0.00	0.00	0.002	O	|	|	|	|	0.00
117.250	0.00	0.00	0.002	O	|	|	|	|	0.00
117.333	0.00	0.00	0.002	O	|	|	|	|	0.00
117.417	0.00	0.00	0.002	O	|	|	|	|	0.00
117.500	0.00	0.00	0.002	O	|	|	|	|	0.00
117.583	0.00	0.00	0.002	O	|	|	|	|	0.00
117.667	0.00	0.00	0.002	O	|	|	|	|	0.00
117.750	0.00	0.00	0.002	O	|	|	|	|	0.00
117.833	0.00	0.00	0.002	O	|	|	|	|	0.00
117.917	0.00	0.00	0.002	O	|	|	|	|	0.00
118.000	0.00	0.00	0.002	O	|	|	|	|	0.00
118.083	0.00	0.00	0.002	O	|	|	|	|	0.00

Remaining water in basin = 0.00 (Ac.Ft)

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

Number of intervals = 1417
Time interval = 5.0 (Min.)
Maximum/Peak flow rate = 3.030 (CFS)
Total volume = 6.625 (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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                  FLOOD HYDROGRAPH ROUTING PROGRAM
            Copyright (c) CIVILCADD/CIVILDESIGN, 1989 - 2005
                        Study date: 04/03/24

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Keller Crossing, Tr. 38163
WQ - Detention Basin Routing Area C onsite
Detention Basin C full with DCV at 1426
10-year 6-hour storm Inflow Hydrograph


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


Program License Serial Number 4029

------------------------------------------------------------------------
******************** HYDROGRAPH INFORMATION **********************

             From study/file name: 907hydc10pr610.rte
****************************HYDROGRAPH DATA*****************************
             Number of intervals =    80
             Time interval =    5.0 (Min.)
             Maximum/Peak flow rate =       66.475 (CFS)
             Total volume =       8.427 (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       10.000 to Point/Station       11.000
**** RETARDING BASIN ROUTING ****
________________________________________________________________________

User entry of depth-outflow-storage data
------------------------------------------------------------------------
Total number of inflow hydrograph intervals = 80
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  Storage    Outflow   (S-O*dt/2)   (S+O*dt/2)
     (Ft.)    (Ac.Ft)    (CFS)     (Ac.Ft)    (Ac.Ft)
------------------------------------------------------------------------
   0.000      0.000      0.000      0.000        0.000
   1.000      1.948      1.800      1.942        1.954
   2.000      4.304      2.020      4.297        4.311
   3.000      7.054      3.480      7.042        7.066
   4.000     10.094     49.260      9.924       10.264
   4.500     11.710     87.250     11.410       12.010
```

5.000	13.325	331.310	12.184	14.466
6.000	16.754	1244.540	12.468	21.040

Hydrograph Detention Basin Routing

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

Time (Hours)	Inflow (CFS)	Outflow (CFS)	Storage (Ac.Ft)	.0 16.6 33.24 49.86 66.47	Depth (Ft.)
0.083	0.97	0.00	0.003	O | | | | |	0.00
0.167	3.86	0.02	0.020	OI | | | | |	0.01
0.250	5.35	0.05	0.051	O I | | | | |	0.03
0.333	5.96	0.08	0.090	O I | | | | |	0.05
0.417	6.28	0.12	0.131	O I | | | | |	0.07
0.500	6.68	0.16	0.175	O I | | | | |	0.09
0.583	7.35	0.21	0.222	O I | | | | |	0.11
0.667	7.63	0.25	0.272	O I | | | | |	0.14
0.750	7.78	0.30	0.323	O I | | | | |	0.17
0.833	7.84	0.35	0.375	O I | | | | |	0.19
0.917	7.87	0.39	0.426	O I | | | | |	0.22
1.000	8.09	0.44	0.478	O I | | | | |	0.25
1.083	8.64	0.49	0.533	O I | | | | |	0.27
1.167	8.84	0.54	0.589	O I | | | | |	0.30
1.250	8.92	0.60	0.647	O I | | | | |	0.33
1.333	8.97	0.65	0.704	O I | | | | |	0.36
1.417	9.00	0.70	0.761	O I | | | | |	0.39
1.500	9.02	0.76	0.818	O I | | | | |	0.42
1.583	9.04	0.81	0.875	O I | | | | |	0.45
1.667	9.05	0.86	0.932	O I | | | | |	0.48
1.750	9.05	0.91	0.988	O I | | | | |	0.51
1.833	9.05	0.96	1.044	O I | | | | |	0.54
1.917	9.05	1.02	1.099	O I | | | | |	0.56
2.000	9.24	1.07	1.155	O I | | | | |	0.59
2.083	9.59	1.12	1.212	O I | | | | |	0.62
2.167	9.43	1.17	1.270	O I | | | | |	0.65
2.250	9.87	1.23	1.328	O I | | | | |	0.68
2.333	10.02	1.28	1.388	O I | | | | |	0.71
2.417	10.09	1.34	1.448	O I | | | | |	0.74
2.500	10.12	1.39	1.508	O I | | | | |	0.77
2.583	10.15	1.45	1.568	O I | | | | |	0.81
2.667	10.17	1.50	1.628	O I | | | | |	0.84
2.750	10.36	1.56	1.688	O I | | | | |	0.87
2.833	10.91	1.62	1.751	O I | | | | |	0.90
2.917	11.10	1.68	1.815	O I | | | | |	0.93
3.000	11.19	1.74	1.880	O I | | | | |	0.97
3.083	11.23	1.80	1.945	O I | | | | |	1.00
3.167	11.46	1.81	2.011	O I | | | | |	1.03
3.250	12.02	1.81	2.079	O I | | | | |	1.06
3.333	12.22	1.82	2.150	O I | | | | |	1.09
3.417	12.51	1.83	2.223	O I | | | | |	1.12
3.500	13.29	1.83	2.299	O I | | | | |	1.15
3.583	14.25	1.84	2.381	O I | | | | |	1.18
3.667	15.08	1.85	2.470	O I | | | | |	1.22
3.750	15.61	1.86	2.562	O I | | | | |	1.26
3.833	16.32	1.87	2.660	O I | | | | |	1.30
3.917	16.81	1.88	2.761	O I | | | | |	1.34
4.000	17.49	1.89	2.866	O I | | | | |	1.39
4.083	17.97	1.90	2.975	O I | | | | |	1.44
4.167	18.84	1.91	3.089	O |I | | | |	1.48
4.250	19.85	1.92	3.209	O |I | | | |	1.54
4.333	20.90	1.93	3.336	O | I | | | |	1.59
4.417	22.05	1.94	3.470	O | I | | | |	1.65

4.500	23.14	1.96	3.613	O	| I	|	|	|	1.71
4.583	23.88	1.97	3.761	O	| I	|	|	|	1.77
4.667	25.24	1.98	3.916	O	| I	|	|	|	1.84
4.750	26.80	2.00	4.082	O	| I	|	|	|	1.91
4.833	28.13	2.02	4.257	O	| I	|	|	|	1.98
4.917	28.98	2.09	4.440	|O	| I	|	|	|	2.05
5.000	30.39	2.19	4.630	|O	| I	|	|	|	2.12
5.083	33.17	2.30	4.833	|O	| I	|	|	|	2.19
5.167	39.33	2.42	5.066	|O	| | I	|	|	|	2.28
5.250	46.10	2.57	5.343	|O	| | I	|	|	2.38
5.333	51.75	2.74	5.662	|O	| | I	|	|	2.49
5.417	57.72	2.93	6.019	|O	| | | I	|	2.62
5.500	66.47	3.15	6.426	|O	| | | I	2.77
5.583	65.56	3.38	6.858	|O	| | | I|	2.93
5.667	37.26	5.41	7.182	| O	| |I	|	|	3.04
5.750	22.59	7.83	7.343	| O	| I	|	|	|	3.09
5.833	15.30	8.92	7.415	| O I|	|	|	|	3.12
5.917	10.95	9.34	7.443	| OI	|	|	|	3.13
6.000	7.44	9.32	7.442	| IO	|	|	|	3.13
6.083	4.70	9.00	7.421	| I O	|	|	|	3.12
6.167	2.35	8.46	7.385	|I O	|	|	|	3.11
6.250	0.93	7.79	7.340	I O	|	|	|	3.09
6.333	0.47	7.09	7.294	I O	|	|	|	3.08
6.417	0.26	6.43	7.250	I O	|	|	|	3.06
6.500	0.14	5.81	7.209	I O	|	|	|	3.05
6.583	0.06	5.25	7.171	I O	|	|	|	3.04
6.667	0.02	4.74	7.137	I O	|	|	|	3.03
6.750	0.00	4.27	7.106	I O	|	|	|	3.02
6.833	0.00	3.85	7.078	IO	|	|	|	3.01
6.917	0.00	3.48	7.053	IO	|	|	|	3.00
7.000	0.00	3.47	7.029	IO	|	|	|	2.99
7.083	0.00	3.45	7.006	IO	|	|	|	2.98
7.167	0.00	3.44	6.982	IO	|	|	|	2.97
7.250	0.00	3.43	6.958	IO	|	|	|	2.97
7.333	0.00	3.42	6.935	IO	|	|	|	2.96
7.417	0.00	3.40	6.911	IO	|	|	|	2.95
7.500	0.00	3.39	6.888	IO	|	|	|	2.94
7.583	0.00	3.38	6.864	IO	|	|	|	2.93
7.667	0.00	3.37	6.841	IO	|	|	|	2.92
7.750	0.00	3.35	6.818	IO	|	|	|	2.91
7.833	0.00	3.34	6.795	IO	|	|	|	2.91
7.917	0.00	3.33	6.772	IO	|	|	|	2.90
8.000	0.00	3.32	6.749	IO	|	|	|	2.89
8.083	0.00	3.31	6.726	IO	|	|	|	2.88
8.167	0.00	3.29	6.703	IO	|	|	|	2.87
8.250	0.00	3.28	6.681	IO	|	|	|	2.86
8.333	0.00	3.27	6.658	IO	|	|	|	2.86
8.417	0.00	3.26	6.636	IO	|	|	|	2.85
8.500	0.00	3.25	6.613	IO	|	|	|	2.84
8.583	0.00	3.23	6.591	IO	|	|	|	2.83
8.667	0.00	3.22	6.569	IO	|	|	|	2.82
8.750	0.00	3.21	6.547	IO	|	|	|	2.82
8.833	0.00	3.20	6.525	IO	|	|	|	2.81
8.917	0.00	3.19	6.503	IO	|	|	|	2.80
9.000	0.00	3.18	6.481	IO	|	|	|	2.79
9.083	0.00	3.16	6.459	IO	|	|	|	2.78
9.167	0.00	3.15	6.437	IO	|	|	|	2.78
9.250	0.00	3.14	6.415	IO	|	|	|	2.77
9.333	0.00	3.13	6.394	IO	|	|	|	2.76
9.417	0.00	3.12	6.372	IO	|	|	|	2.75
9.500	0.00	3.11	6.351	IO	|	|	|	2.74
9.583	0.00	3.10	6.330	IO	|	|	|	2.74
9.667	0.00	3.08	6.308	IO	|	|	|	2.73

9.750	0.00	3.07	6.287	IO				2.72
9.833	0.00	3.06	6.266	IO				2.71
9.917	0.00	3.05	6.245	IO				2.71
10.000	0.00	3.04	6.224	IO				2.70
10.083	0.00	3.03	6.203	IO				2.69
10.167	0.00	3.02	6.182	IO				2.68
10.250	0.00	3.01	6.161	IO				2.68
10.333	0.00	3.00	6.141	IO				2.67
10.417	0.00	2.98	6.120	IO				2.66
10.500	0.00	2.97	6.100	IO				2.65
10.583	0.00	2.96	6.079	IO				2.65
10.667	0.00	2.95	6.059	IO				2.64
10.750	0.00	2.94	6.039	IO				2.63
10.833	0.00	2.93	6.018	IO				2.62
10.917	0.00	2.92	5.998	IO				2.62
11.000	0.00	2.91	5.978	IO				2.61
11.083	0.00	2.90	5.958	IO				2.60
11.167	0.00	2.89	5.938	IO				2.59
11.250	0.00	2.88	5.918	IO				2.59
11.333	0.00	2.87	5.899	IO				2.58
11.417	0.00	2.86	5.879	IO				2.57
11.500	0.00	2.85	5.859	IO				2.57
11.583	0.00	2.84	5.840	IO				2.56
11.667	0.00	2.82	5.820	IO				2.55
11.750	0.00	2.81	5.801	IO				2.54
11.833	0.00	2.80	5.781	IO				2.54
11.917	0.00	2.79	5.762	IO				2.53
12.000	0.00	2.78	5.743	IO				2.52
12.083	0.00	2.77	5.724	IO				2.52
12.167	0.00	2.76	5.705	IO				2.51
12.250	0.00	2.75	5.686	IO				2.50
12.333	0.00	2.74	5.667	IO				2.50
12.417	0.00	2.73	5.648	IO				2.49
12.500	0.00	2.72	5.629	IO				2.48
12.583	0.00	2.71	5.610	IO				2.48
12.667	0.00	2.70	5.592	IO				2.47
12.750	0.00	2.69	5.573	IO				2.46
12.833	0.00	2.68	5.555	IO				2.45
12.917	0.00	2.67	5.536	IO				2.45
13.000	0.00	2.66	5.518	IO				2.44
13.083	0.00	2.65	5.500	IO				2.43
13.167	0.00	2.65	5.481	IO				2.43
13.250	0.00	2.64	5.463	IO				2.42
13.333	0.00	2.63	5.445	IO				2.41
13.417	0.00	2.62	5.427	IO				2.41
13.500	0.00	2.61	5.409	IO				2.40
13.583	0.00	2.60	5.391	IO				2.40
13.667	0.00	2.59	5.373	IO				2.39
13.750	0.00	2.58	5.355	IO				2.38
13.833	0.00	2.57	5.338	IO				2.38
13.917	0.00	2.56	5.320	IO				2.37
14.000	0.00	2.55	5.302	IO				2.36
14.083	0.00	2.54	5.285	IO				2.36
14.167	0.00	2.53	5.267	IO				2.35
14.250	0.00	2.52	5.250	IO				2.34
14.333	0.00	2.51	5.233	IO				2.34
14.417	0.00	2.50	5.215	IO				2.33
14.500	0.00	2.49	5.198	IO				2.33
14.583	0.00	2.49	5.181	IO				2.32
14.667	0.00	2.48	5.164	IO				2.31
14.750	0.00	2.47	5.147	IO				2.31
14.833	0.00	2.46	5.130	IO				2.30
14.917	0.00	2.45	5.113	IO				2.29

15.000	0.00	2.44	5.096	IO				2.29
15.083	0.00	2.43	5.079	IO				2.28
15.167	0.00	2.42	5.063	IO				2.28
15.250	0.00	2.41	5.046	IO				2.27
15.333	0.00	2.41	5.030	IO				2.26
15.417	0.00	2.40	5.013	IO				2.26
15.500	0.00	2.39	4.996	IO				2.25
15.583	0.00	2.38	4.980	IO				2.25
15.667	0.00	2.37	4.964	IO				2.24
15.750	0.00	2.36	4.947	IO				2.23
15.833	0.00	2.35	4.931	IO				2.23
15.917	0.00	2.34	4.915	IO				2.22
16.000	0.00	2.34	4.899	IO				2.22
16.083	0.00	2.33	4.883	IO				2.21
16.167	0.00	2.32	4.867	IO				2.20
16.250	0.00	2.31	4.851	IO				2.20
16.333	0.00	2.30	4.835	IO				2.19
16.417	0.00	2.29	4.819	IO				2.19
16.500	0.00	2.29	4.803	IO				2.18
16.583	0.00	2.28	4.788	IO				2.18
16.667	0.00	2.27	4.772	IO				2.17
16.750	0.00	2.26	4.756	IO				2.16
16.833	0.00	2.25	4.741	IO				2.16
16.917	0.00	2.24	4.725	IO				2.15
17.000	0.00	2.24	4.710	IO				2.15
17.083	0.00	2.23	4.695	IO				2.14
17.167	0.00	2.22	4.679	IO				2.14
17.250	0.00	2.21	4.664	IO				2.13
17.333	0.00	2.20	4.649	IO				2.13
17.417	0.00	2.20	4.634	IO				2.12
17.500	0.00	2.19	4.619	IO				2.11
17.583	0.00	2.18	4.604	IO				2.11
17.667	0.00	2.17	4.589	IO				2.10
17.750	0.00	2.16	4.574	IO				2.10
17.833	0.00	2.16	4.559	IO				2.09
17.917	0.00	2.15	4.544	IO				2.09
18.000	0.00	2.14	4.529	IO				2.08
18.083	0.00	2.13	4.515	IO				2.08
18.167	0.00	2.12	4.500	IO				2.07
18.250	0.00	2.12	4.485	IO				2.07
18.333	0.00	2.11	4.471	IO				2.06
18.417	0.00	2.10	4.456	IO				2.06
18.500	0.00	2.09	4.442	IO				2.05
18.583	0.00	2.09	4.427	IO				2.04
18.667	0.00	2.08	4.413	IO				2.04
18.750	0.00	2.07	4.399	O				2.03
18.833	0.00	2.06	4.385	O				2.03
18.917	0.00	2.06	4.370	O				2.02
19.000	0.00	2.05	4.356	O				2.02
19.083	0.00	2.04	4.342	O				2.01
19.167	0.00	2.03	4.328	O				2.01
19.250	0.00	2.03	4.314	O				2.00
19.333	0.00	2.02	4.300	O				2.00
19.417	0.00	2.02	4.286	O				1.99
19.500	0.00	2.02	4.272	O				1.99
19.583	0.00	2.02	4.259	O				1.98
19.667	0.00	2.01	4.245	O				1.97
19.750	0.00	2.01	4.231	O				1.97
19.833	0.00	2.01	4.217	O				1.96
19.917	0.00	2.01	4.203	O				1.96
20.000	0.00	2.01	4.189	O				1.95
20.083	0.00	2.01	4.175	O				1.95
20.167	0.00	2.01	4.162	O				1.94

20.250	0.00	2.01	4.148	O					1.93
20.333	0.00	2.00	4.134	O					1.93
20.417	0.00	2.00	4.120	O					1.92
20.500	0.00	2.00	4.106	O					1.92
20.583	0.00	2.00	4.093	O					1.91
20.667	0.00	2.00	4.079	O					1.90
20.750	0.00	2.00	4.065	O					1.90
20.833	0.00	2.00	4.051	O					1.89
20.917	0.00	2.00	4.038	O					1.89
21.000	0.00	1.99	4.024	O					1.88
21.083	0.00	1.99	4.010	O					1.88
21.167	0.00	1.99	3.996	O					1.87
21.250	0.00	1.99	3.983	O					1.86
21.333	0.00	1.99	3.969	O					1.86
21.417	0.00	1.99	3.955	O					1.85
21.500	0.00	1.99	3.942	O					1.85
21.583	0.00	1.98	3.928	O					1.84
21.667	0.00	1.98	3.914	O					1.83
21.750	0.00	1.98	3.901	O					1.83
21.833	0.00	1.98	3.887	O					1.82
21.917	0.00	1.98	3.873	O					1.82
22.000	0.00	1.98	3.860	O					1.81
22.083	0.00	1.98	3.846	O					1.81
22.167	0.00	1.98	3.832	O					1.80
22.250	0.00	1.97	3.819	O					1.79
22.333	0.00	1.97	3.805	O					1.79
22.417	0.00	1.97	3.792	O					1.78
22.500	0.00	1.97	3.778	O					1.78
22.583	0.00	1.97	3.765	O					1.77
22.667	0.00	1.97	3.751	O					1.77
22.750	0.00	1.97	3.737	O					1.76
22.833	0.00	1.97	3.724	O					1.75
22.917	0.00	1.96	3.710	O					1.75
23.000	0.00	1.96	3.697	O					1.74
23.083	0.00	1.96	3.683	O					1.74
23.167	0.00	1.96	3.670	O					1.73
23.250	0.00	1.96	3.656	O					1.73
23.333	0.00	1.96	3.643	O					1.72
23.417	0.00	1.96	3.629	O					1.71
23.500	0.00	1.96	3.616	O					1.71
23.583	0.00	1.95	3.602	O					1.70
23.667	0.00	1.95	3.589	O					1.70
23.750	0.00	1.95	3.575	O					1.69
23.833	0.00	1.95	3.562	O					1.69
23.917	0.00	1.95	3.549	O					1.68
24.000	0.00	1.95	3.535	O					1.67
24.083	0.00	1.95	3.522	O					1.67
24.167	0.00	1.95	3.508	O					1.66
24.250	0.00	1.94	3.495	O					1.66
24.333	0.00	1.94	3.482	O					1.65
24.417	0.00	1.94	3.468	O					1.65
24.500	0.00	1.94	3.455	O					1.64
24.583	0.00	1.94	3.441	O					1.63
24.667	0.00	1.94	3.428	O					1.63
24.750	0.00	1.94	3.415	O					1.62
24.833	0.00	1.94	3.401	O					1.62
24.917	0.00	1.93	3.388	O					1.61
25.000	0.00	1.93	3.375	O					1.61
25.083	0.00	1.93	3.361	O					1.60
25.167	0.00	1.93	3.348	O					1.59
25.250	0.00	1.93	3.335	O					1.59
25.333	0.00	1.93	3.322	O					1.58
25.417	0.00	1.93	3.308	O					1.58

25.500	0.00	1.93	3.295	O					1.57
25.583	0.00	1.92	3.282	O					1.57
25.667	0.00	1.92	3.269	O					1.56
25.750	0.00	1.92	3.255	O					1.55
25.833	0.00	1.92	3.242	O					1.55
25.917	0.00	1.92	3.229	O					1.54
26.000	0.00	1.92	3.216	O					1.54
26.083	0.00	1.92	3.202	O					1.53
26.167	0.00	1.92	3.189	O					1.53
26.250	0.00	1.91	3.176	O					1.52
26.333	0.00	1.91	3.163	O					1.52
26.417	0.00	1.91	3.150	O					1.51
26.500	0.00	1.91	3.137	O					1.50
26.583	0.00	1.91	3.123	O					1.50
26.667	0.00	1.91	3.110	O					1.49
26.750	0.00	1.91	3.097	O					1.49
26.833	0.00	1.91	3.084	O					1.48
26.917	0.00	1.90	3.071	O					1.48
27.000	0.00	1.90	3.058	O					1.47
27.083	0.00	1.90	3.045	O					1.47
27.167	0.00	1.90	3.032	O					1.46
27.250	0.00	1.90	3.018	O					1.45
27.333	0.00	1.90	3.005	O					1.45
27.417	0.00	1.90	2.992	O					1.44
27.500	0.00	1.90	2.979	O					1.44
27.583	0.00	1.90	2.966	O					1.43
27.667	0.00	1.89	2.953	O					1.43
27.750	0.00	1.89	2.940	O					1.42
27.833	0.00	1.89	2.927	O					1.42
27.917	0.00	1.89	2.914	O					1.41
28.000	0.00	1.89	2.901	O					1.40
28.083	0.00	1.89	2.888	O					1.40
28.167	0.00	1.89	2.875	O					1.39
28.250	0.00	1.89	2.862	O					1.39
28.333	0.00	1.88	2.849	O					1.38
28.417	0.00	1.88	2.836	O					1.38
28.500	0.00	1.88	2.823	O					1.37
28.583	0.00	1.88	2.810	O					1.37
28.667	0.00	1.88	2.797	O					1.36
28.750	0.00	1.88	2.784	O					1.35
28.833	0.00	1.88	2.771	O					1.35
28.917	0.00	1.88	2.758	O					1.34
29.000	0.00	1.87	2.745	O					1.34
29.083	0.00	1.87	2.733	O					1.33
29.167	0.00	1.87	2.720	O					1.33
29.250	0.00	1.87	2.707	O					1.32
29.333	0.00	1.87	2.694	O					1.32
29.417	0.00	1.87	2.681	O					1.31
29.500	0.00	1.87	2.668	O					1.31
29.583	0.00	1.87	2.655	O					1.30
29.667	0.00	1.86	2.642	O					1.29
29.750	0.00	1.86	2.630	O					1.29
29.833	0.00	1.86	2.617	O					1.28
29.917	0.00	1.86	2.604	O					1.28
30.000	0.00	1.86	2.591	O					1.27
30.083	0.00	1.86	2.578	O					1.27
30.167	0.00	1.86	2.566	O					1.26
30.250	0.00	1.86	2.553	O					1.26
30.333	0.00	1.86	2.540	O					1.25
30.417	0.00	1.85	2.527	O					1.25
30.500	0.00	1.85	2.514	O					1.24
30.583	0.00	1.85	2.502	O					1.24
30.667	0.00	1.85	2.489	O					1.23

30.750	0.00	1.85	2.476	O				1.22
30.833	0.00	1.85	2.463	O				1.22
30.917	0.00	1.85	2.451	O				1.21
31.000	0.00	1.85	2.438	O				1.21
31.083	0.00	1.84	2.425	O				1.20
31.167	0.00	1.84	2.413	O				1.20
31.250	0.00	1.84	2.400	O				1.19
31.333	0.00	1.84	2.387	O				1.19
31.417	0.00	1.84	2.375	O				1.18
31.500	0.00	1.84	2.362	O				1.18
31.583	0.00	1.84	2.349	O				1.17
31.667	0.00	1.84	2.337	O				1.16
31.750	0.00	1.84	2.324	O				1.16
31.833	0.00	1.83	2.311	O				1.15
31.917	0.00	1.83	2.299	O				1.15
32.000	0.00	1.83	2.286	O				1.14
32.083	0.00	1.83	2.273	O				1.14
32.167	0.00	1.83	2.261	O				1.13
32.250	0.00	1.83	2.248	O				1.13
32.333	0.00	1.83	2.236	O				1.12
32.417	0.00	1.83	2.223	O				1.12
32.500	0.00	1.82	2.211	O				1.11
32.583	0.00	1.82	2.198	O				1.11
32.667	0.00	1.82	2.185	O				1.10
32.750	0.00	1.82	2.173	O				1.10
32.833	0.00	1.82	2.160	O				1.09
32.917	0.00	1.82	2.148	O				1.08
33.000	0.00	1.82	2.135	O				1.08
33.083	0.00	1.82	2.123	O				1.07
33.167	0.00	1.82	2.110	O				1.07
33.250	0.00	1.81	2.098	O				1.06
33.333	0.00	1.81	2.085	O				1.06
33.417	0.00	1.81	2.073	O				1.05
33.500	0.00	1.81	2.060	O				1.05
33.583	0.00	1.81	2.048	O				1.04
33.667	0.00	1.81	2.035	O				1.04
33.750	0.00	1.81	2.023	O				1.03
33.833	0.00	1.81	2.011	O				1.03
33.917	0.00	1.80	1.998	O				1.02
34.000	0.00	1.80	1.986	O				1.02
34.083	0.00	1.80	1.973	O				1.01
34.167	0.00	1.80	1.961	O				1.01
34.250	0.00	1.80	1.948	O				1.00
34.333	0.00	1.79	1.936	O				0.99
34.417	0.00	1.78	1.924	O				0.99
34.500	0.00	1.77	1.912	O				0.98
34.583	0.00	1.76	1.899	O				0.98
34.667	0.00	1.74	1.887	O				0.97
34.750	0.00	1.73	1.875	O				0.96
34.833	0.00	1.72	1.864	O				0.96
34.917	0.00	1.71	1.852	O				0.95
35.000	0.00	1.70	1.840	O				0.94
35.083	0.00	1.69	1.828	O				0.94
35.167	0.00	1.68	1.817	O				0.93
35.250	0.00	1.67	1.805	O				0.93
35.333	0.00	1.66	1.794	O				0.92
35.417	0.00	1.65	1.782	O				0.91
35.500	0.00	1.64	1.771	O				0.91
35.583	0.00	1.63	1.760	O				0.90
35.667	0.00	1.62	1.749	O				0.90
35.750	0.00	1.61	1.738	O				0.89
35.833	0.00	1.60	1.727	O				0.89
35.917	0.00	1.59	1.716	O				0.88

36.000	0.00	1.58	1.705	O				0.88
36.083	0.00	1.57	1.694	O				0.87
36.167	0.00	1.56	1.683	O				0.86
36.250	0.00	1.55	1.672	O				0.86
36.333	0.00	1.54	1.662	O				0.85
36.417	0.00	1.53	1.651	O				0.85
36.500	0.00	1.52	1.641	O				0.84
36.583	0.00	1.51	1.630	O				0.84
36.667	0.00	1.50	1.620	O				0.83
36.750	0.00	1.49	1.610	O				0.83
36.833	0.00	1.48	1.600	O				0.82
36.917	0.00	1.47	1.589	O				0.82
37.000	0.00	1.46	1.579	O				0.81
37.083	0.00	1.45	1.569	O				0.81
37.167	0.00	1.44	1.559	O				0.80
37.250	0.00	1.43	1.549	O				0.80
37.333	0.00	1.42	1.540	O				0.79
37.417	0.00	1.41	1.530	O				0.79
37.500	0.00	1.40	1.520	O				0.78
37.583	0.00	1.40	1.511	O				0.78
37.667	0.00	1.39	1.501	O				0.77
37.750	0.00	1.38	1.491	O				0.77
37.833	0.00	1.37	1.482	O				0.76
37.917	0.00	1.36	1.473	O				0.76
38.000	0.00	1.35	1.463	O				0.75
38.083	0.00	1.34	1.454	O				0.75
38.167	0.00	1.33	1.445	O				0.74
38.250	0.00	1.33	1.436	O				0.74
38.333	0.00	1.32	1.426	O				0.73
38.417	0.00	1.31	1.417	O				0.73
38.500	0.00	1.30	1.408	O				0.72
38.583	0.00	1.29	1.399	O				0.72
38.667	0.00	1.28	1.391	O				0.71
38.750	0.00	1.28	1.382	O				0.71
38.833	0.00	1.27	1.373	O				0.70
38.917	0.00	1.26	1.364	O				0.70
39.000	0.00	1.25	1.356	O				0.70
39.083	0.00	1.24	1.347	O				0.69
39.167	0.00	1.24	1.339	O				0.69
39.250	0.00	1.23	1.330	O				0.68
39.333	0.00	1.22	1.322	O				0.68
39.417	0.00	1.21	1.313	O				0.67
39.500	0.00	1.21	1.305	O				0.67
39.583	0.00	1.20	1.297	O				0.67
39.667	0.00	1.19	1.288	O				0.66
39.750	0.00	1.18	1.280	O				0.66
39.833	0.00	1.18	1.272	O				0.65
39.917	0.00	1.17	1.264	O				0.65
40.000	0.00	1.16	1.256	O				0.64
40.083	0.00	1.15	1.248	O				0.64
40.167	0.00	1.15	1.240	O				0.64
40.250	0.00	1.14	1.232	O				0.63
40.333	0.00	1.13	1.224	O				0.63
40.417	0.00	1.12	1.217	O				0.62
40.500	0.00	1.12	1.209	O				0.62
40.583	0.00	1.11	1.201	O				0.62
40.667	0.00	1.10	1.194	O				0.61
40.750	0.00	1.10	1.186	O				0.61
40.833	0.00	1.09	1.179	O				0.61
40.917	0.00	1.08	1.171	O				0.60
41.000	0.00	1.08	1.164	O				0.60
41.083	0.00	1.07	1.156	O				0.59
41.167	0.00	1.06	1.149	O				0.59

41.250	0.00	1.05	1.142	O					0.59
41.333	0.00	1.05	1.134	O					0.58
41.417	0.00	1.04	1.127	O					0.58
41.500	0.00	1.03	1.120	O					0.57
41.583	0.00	1.03	1.113	O					0.57
41.667	0.00	1.02	1.106	O					0.57
41.750	0.00	1.02	1.099	O					0.56
41.833	0.00	1.01	1.092	O					0.56
41.917	0.00	1.00	1.085	O					0.56
42.000	0.00	1.00	1.078	O					0.55
42.083	0.00	0.99	1.071	O					0.55
42.167	0.00	0.98	1.064	O					0.55
42.250	0.00	0.98	1.058	O					0.54
42.333	0.00	0.97	1.051	O					0.54
42.417	0.00	0.96	1.044	O					0.54
42.500	0.00	0.96	1.038	O					0.53
42.583	0.00	0.95	1.031	O					0.53
42.667	0.00	0.95	1.025	O					0.53
42.750	0.00	0.94	1.018	O					0.52
42.833	0.00	0.93	1.012	O					0.52
42.917	0.00	0.93	1.005	O					0.52
43.000	0.00	0.92	0.999	O					0.51
43.083	0.00	0.92	0.992	O					0.51
43.167	0.00	0.91	0.986	O					0.51
43.250	0.00	0.91	0.980	O					0.50
43.333	0.00	0.90	0.974	O					0.50
43.417	0.00	0.89	0.968	O					0.50
43.500	0.00	0.89	0.961	O					0.49
43.583	0.00	0.88	0.955	O					0.49
43.667	0.00	0.88	0.949	O					0.49
43.750	0.00	0.87	0.943	O					0.48
43.833	0.00	0.87	0.937	O					0.48
43.917	0.00	0.86	0.931	O					0.48
44.000	0.00	0.86	0.925	O					0.48
44.083	0.00	0.85	0.920	O					0.47
44.167	0.00	0.84	0.914	O					0.47
44.250	0.00	0.84	0.908	O					0.47
44.333	0.00	0.83	0.902	O					0.46
44.417	0.00	0.83	0.896	O					0.46
44.500	0.00	0.82	0.891	O					0.46
44.583	0.00	0.82	0.885	O					0.45
44.667	0.00	0.81	0.879	O					0.45
44.750	0.00	0.81	0.874	O					0.45
44.833	0.00	0.80	0.868	O					0.45
44.917	0.00	0.80	0.863	O					0.44
45.000	0.00	0.79	0.857	O					0.44
45.083	0.00	0.79	0.852	O					0.44
45.167	0.00	0.78	0.847	O					0.43
45.250	0.00	0.78	0.841	O					0.43
45.333	0.00	0.77	0.836	O					0.43
45.417	0.00	0.77	0.831	O					0.43
45.500	0.00	0.76	0.825	O					0.42
45.583	0.00	0.76	0.820	O					0.42
45.667	0.00	0.75	0.815	O					0.42
45.750	0.00	0.75	0.810	O					0.42
45.833	0.00	0.74	0.804	O					0.41
45.917	0.00	0.74	0.799	O					0.41
46.000	0.00	0.73	0.794	O					0.41
46.083	0.00	0.73	0.789	O					0.41
46.167	0.00	0.72	0.784	O					0.40
46.250	0.00	0.72	0.779	O					0.40
46.333	0.00	0.72	0.774	O					0.40
46.417	0.00	0.71	0.769	O					0.39

46.500	0.00	0.71	0.765	O					0.39
46.583	0.00	0.70	0.760	O					0.39
46.667	0.00	0.70	0.755	O					0.39
46.750	0.00	0.69	0.750	O					0.39
46.833	0.00	0.69	0.745	O					0.38
46.917	0.00	0.68	0.741	O					0.38
47.000	0.00	0.68	0.736	O					0.38
47.083	0.00	0.68	0.731	O					0.38
47.167	0.00	0.67	0.727	O					0.37
47.250	0.00	0.67	0.722	O					0.37
47.333	0.00	0.66	0.717	O					0.37
47.417	0.00	0.66	0.713	O					0.37
47.500	0.00	0.65	0.708	O					0.36
47.583	0.00	0.65	0.704	O					0.36
47.667	0.00	0.65	0.699	O					0.36
47.750	0.00	0.64	0.695	O					0.36
47.833	0.00	0.64	0.691	O					0.35
47.917	0.00	0.63	0.686	O					0.35
48.000	0.00	0.63	0.682	O					0.35
48.083	0.00	0.63	0.677	O					0.35
48.167	0.00	0.62	0.673	O					0.35
48.250	0.00	0.62	0.669	O					0.34
48.333	0.00	0.61	0.665	O					0.34
48.417	0.00	0.61	0.660	O					0.34
48.500	0.00	0.61	0.656	O					0.34
48.583	0.00	0.60	0.652	O					0.33
48.667	0.00	0.60	0.648	O					0.33
48.750	0.00	0.59	0.644	O					0.33
48.833	0.00	0.59	0.640	O					0.33
48.917	0.00	0.59	0.636	O					0.33
49.000	0.00	0.58	0.632	O					0.32
49.083	0.00	0.58	0.628	O					0.32
49.167	0.00	0.58	0.624	O					0.32
49.250	0.00	0.57	0.620	O					0.32
49.333	0.00	0.57	0.616	O					0.32
49.417	0.00	0.57	0.612	O					0.31
49.500	0.00	0.56	0.608	O					0.31
49.583	0.00	0.56	0.604	O					0.31
49.667	0.00	0.55	0.600	O					0.31
49.750	0.00	0.55	0.597	O					0.31
49.833	0.00	0.55	0.593	O					0.30
49.917	0.00	0.54	0.589	O					0.30
50.000	0.00	0.54	0.585	O					0.30
50.083	0.00	0.54	0.582	O					0.30
50.167	0.00	0.53	0.578	O					0.30
50.250	0.00	0.53	0.574	O					0.29
50.333	0.00	0.53	0.571	O					0.29
50.417	0.00	0.52	0.567	O					0.29
50.500	0.00	0.52	0.563	O					0.29
50.583	0.00	0.52	0.560	O					0.29
50.667	0.00	0.51	0.556	O					0.29
50.750	0.00	0.51	0.553	O					0.28
50.833	0.00	0.51	0.549	O					0.28
50.917	0.00	0.50	0.546	O					0.28
51.000	0.00	0.50	0.542	O					0.28
51.083	0.00	0.50	0.539	O					0.28
51.167	0.00	0.49	0.535	O					0.27
51.250	0.00	0.49	0.532	O					0.27
51.333	0.00	0.49	0.529	O					0.27
51.417	0.00	0.49	0.525	O					0.27
51.500	0.00	0.48	0.522	O					0.27
51.583	0.00	0.48	0.519	O					0.27
51.667	0.00	0.48	0.515	O					0.26

51.750	0.00	0.47	0.512	O				0.26
51.833	0.00	0.47	0.509	O				0.26
51.917	0.00	0.47	0.506	O				0.26
52.000	0.00	0.46	0.502	O				0.26
52.083	0.00	0.46	0.499	O				0.26
52.167	0.00	0.46	0.496	O				0.25
52.250	0.00	0.46	0.493	O				0.25
52.333	0.00	0.45	0.490	O				0.25
52.417	0.00	0.45	0.487	O				0.25
52.500	0.00	0.45	0.484	O				0.25
52.583	0.00	0.44	0.480	O				0.25
52.667	0.00	0.44	0.477	O				0.25
52.750	0.00	0.44	0.474	O				0.24
52.833	0.00	0.44	0.471	O				0.24
52.917	0.00	0.43	0.468	O				0.24
53.000	0.00	0.43	0.465	O				0.24
53.083	0.00	0.43	0.462	O				0.24
53.167	0.00	0.42	0.460	O				0.24
53.250	0.00	0.42	0.457	O				0.23
53.333	0.00	0.42	0.454	O				0.23
53.417	0.00	0.42	0.451	O				0.23
53.500	0.00	0.41	0.448	O				0.23
53.583	0.00	0.41	0.445	O				0.23
53.667	0.00	0.41	0.442	O				0.23
53.750	0.00	0.41	0.440	O				0.23
53.833	0.00	0.40	0.437	O				0.22
53.917	0.00	0.40	0.434	O				0.22
54.000	0.00	0.40	0.431	O				0.22
54.083	0.00	0.40	0.428	O				0.22
54.167	0.00	0.39	0.426	O				0.22
54.250	0.00	0.39	0.423	O				0.22
54.333	0.00	0.39	0.420	O				0.22
54.417	0.00	0.39	0.418	O				0.21
54.500	0.00	0.38	0.415	O				0.21
54.583	0.00	0.38	0.412	O				0.21
54.667	0.00	0.38	0.410	O				0.21
54.750	0.00	0.38	0.407	O				0.21
54.833	0.00	0.37	0.405	O				0.21
54.917	0.00	0.37	0.402	O				0.21
55.000	0.00	0.37	0.399	O				0.21
55.083	0.00	0.37	0.397	O				0.20
55.167	0.00	0.36	0.394	O				0.20
55.250	0.00	0.36	0.392	O				0.20
55.333	0.00	0.36	0.389	O				0.20
55.417	0.00	0.36	0.387	O				0.20
55.500	0.00	0.36	0.385	O				0.20
55.583	0.00	0.35	0.382	O				0.20
55.667	0.00	0.35	0.380	O				0.19
55.750	0.00	0.35	0.377	O				0.19
55.833	0.00	0.35	0.375	O				0.19
55.917	0.00	0.34	0.372	O				0.19
56.000	0.00	0.34	0.370	O				0.19
56.083	0.00	0.34	0.368	O				0.19
56.167	0.00	0.34	0.365	O				0.19
56.250	0.00	0.34	0.363	O				0.19
56.333	0.00	0.33	0.361	O				0.19
56.417	0.00	0.33	0.359	O				0.18
56.500	0.00	0.33	0.356	O				0.18
56.583	0.00	0.33	0.354	O				0.18
56.667	0.00	0.33	0.352	O				0.18
56.750	0.00	0.32	0.350	O				0.18
56.833	0.00	0.32	0.347	O				0.18
56.917	0.00	0.32	0.345	O				0.18

57.000	0.00	0.32	0.343	O				0.18
57.083	0.00	0.31	0.341	O				0.17
57.167	0.00	0.31	0.339	O				0.17
57.250	0.00	0.31	0.336	O				0.17
57.333	0.00	0.31	0.334	O				0.17
57.417	0.00	0.31	0.332	O				0.17
57.500	0.00	0.30	0.330	O				0.17
57.583	0.00	0.30	0.328	O				0.17
57.667	0.00	0.30	0.326	O				0.17
57.750	0.00	0.30	0.324	O				0.17
57.833	0.00	0.30	0.322	O				0.17
57.917	0.00	0.30	0.320	O				0.16
58.000	0.00	0.29	0.318	O				0.16
58.083	0.00	0.29	0.316	O				0.16
58.167	0.00	0.29	0.314	O				0.16
58.250	0.00	0.29	0.312	O				0.16
58.333	0.00	0.29	0.310	O				0.16
58.417	0.00	0.28	0.308	O				0.16
58.500	0.00	0.28	0.306	O				0.16
58.583	0.00	0.28	0.304	O				0.16
58.667	0.00	0.28	0.302	O				0.15
58.750	0.00	0.28	0.300	O				0.15
58.833	0.00	0.28	0.298	O				0.15
58.917	0.00	0.27	0.296	O				0.15
59.000	0.00	0.27	0.294	O				0.15
59.083	0.00	0.27	0.292	O				0.15
59.167	0.00	0.27	0.291	O				0.15
59.250	0.00	0.27	0.289	O				0.15
59.333	0.00	0.27	0.287	O				0.15
59.417	0.00	0.26	0.285	O				0.15
59.500	0.00	0.26	0.283	O				0.15
59.583	0.00	0.26	0.282	O				0.14
59.667	0.00	0.26	0.280	O				0.14
59.750	0.00	0.26	0.278	O				0.14
59.833	0.00	0.26	0.276	O				0.14
59.917	0.00	0.25	0.274	O				0.14
60.000	0.00	0.25	0.273	O				0.14
60.083	0.00	0.25	0.271	O				0.14
60.167	0.00	0.25	0.269	O				0.14
60.250	0.00	0.25	0.268	O				0.14
60.333	0.00	0.25	0.266	O				0.14
60.417	0.00	0.24	0.264	O				0.14
60.500	0.00	0.24	0.262	O				0.13
60.583	0.00	0.24	0.261	O				0.13
60.667	0.00	0.24	0.259	O				0.13
60.750	0.00	0.24	0.258	O				0.13
60.833	0.00	0.24	0.256	O				0.13
60.917	0.00	0.23	0.254	O				0.13
61.000	0.00	0.23	0.253	O				0.13
61.083	0.00	0.23	0.251	O				0.13
61.167	0.00	0.23	0.249	O				0.13
61.250	0.00	0.23	0.248	O				0.13
61.333	0.00	0.23	0.246	O				0.13
61.417	0.00	0.23	0.245	O				0.13
61.500	0.00	0.22	0.243	O				0.12
61.583	0.00	0.22	0.242	O				0.12
61.667	0.00	0.22	0.240	O				0.12
61.750	0.00	0.22	0.239	O				0.12
61.833	0.00	0.22	0.237	O				0.12
61.917	0.00	0.22	0.236	O				0.12
62.000	0.00	0.22	0.234	O				0.12
62.083	0.00	0.21	0.233	O				0.12
62.167	0.00	0.21	0.231	O				0.12

62.250	0.00	0.21	0.230	O				0.12
62.333	0.00	0.21	0.228	O				0.12
62.417	0.00	0.21	0.227	O				0.12
62.500	0.00	0.21	0.225	O				0.12
62.583	0.00	0.21	0.224	O				0.11
62.667	0.00	0.21	0.222	O				0.11
62.750	0.00	0.20	0.221	O				0.11
62.833	0.00	0.20	0.220	O				0.11
62.917	0.00	0.20	0.218	O				0.11
63.000	0.00	0.20	0.217	O				0.11
63.083	0.00	0.20	0.215	O				0.11
63.167	0.00	0.20	0.214	O				0.11
63.250	0.00	0.20	0.213	O				0.11
63.333	0.00	0.20	0.211	O				0.11
63.417	0.00	0.19	0.210	O				0.11
63.500	0.00	0.19	0.209	O				0.11
63.583	0.00	0.19	0.207	O				0.11
63.667	0.00	0.19	0.206	O				0.11
63.750	0.00	0.19	0.205	O				0.11
63.833	0.00	0.19	0.203	O				0.10
63.917	0.00	0.19	0.202	O				0.10
64.000	0.00	0.19	0.201	O				0.10
64.083	0.00	0.18	0.200	O				0.10
64.167	0.00	0.18	0.198	O				0.10
64.250	0.00	0.18	0.197	O				0.10
64.333	0.00	0.18	0.196	O				0.10
64.417	0.00	0.18	0.195	O				0.10
64.500	0.00	0.18	0.193	O				0.10
64.583	0.00	0.18	0.192	O				0.10
64.667	0.00	0.18	0.191	O				0.10
64.750	0.00	0.18	0.190	O				0.10
64.833	0.00	0.17	0.189	O				0.10
64.917	0.00	0.17	0.187	O				0.10
65.000	0.00	0.17	0.186	O				0.10
65.083	0.00	0.17	0.185	O				0.09
65.167	0.00	0.17	0.184	O				0.09
65.250	0.00	0.17	0.183	O				0.09
65.333	0.00	0.17	0.181	O				0.09
65.417	0.00	0.17	0.180	O				0.09
65.500	0.00	0.17	0.179	O				0.09
65.583	0.00	0.16	0.178	O				0.09
65.667	0.00	0.16	0.177	O				0.09
65.750	0.00	0.16	0.176	O				0.09
65.833	0.00	0.16	0.175	O				0.09
65.917	0.00	0.16	0.174	O				0.09
66.000	0.00	0.16	0.172	O				0.09
66.083	0.00	0.16	0.171	O				0.09
66.167	0.00	0.16	0.170	O				0.09
66.250	0.00	0.16	0.169	O				0.09
66.333	0.00	0.16	0.168	O				0.09
66.417	0.00	0.15	0.167	O				0.09
66.500	0.00	0.15	0.166	O				0.09
66.583	0.00	0.15	0.165	O				0.08
66.667	0.00	0.15	0.164	O				0.08
66.750	0.00	0.15	0.163	O				0.08
66.833	0.00	0.15	0.162	O				0.08
66.917	0.00	0.15	0.161	O				0.08
67.000	0.00	0.15	0.160	O				0.08
67.083	0.00	0.15	0.159	O				0.08
67.167	0.00	0.15	0.158	O				0.08
67.250	0.00	0.14	0.157	O				0.08
67.333	0.00	0.14	0.156	O				0.08
67.417	0.00	0.14	0.155	O				0.08

67.500	0.00	0.14	0.154	O				0.08
67.583	0.00	0.14	0.153	O				0.08
67.667	0.00	0.14	0.152	O				0.08
67.750	0.00	0.14	0.151	O				0.08
67.833	0.00	0.14	0.150	O				0.08
67.917	0.00	0.14	0.149	O				0.08
68.000	0.00	0.14	0.148	O				0.08
68.083	0.00	0.14	0.147	O				0.08
68.167	0.00	0.14	0.146	O				0.08
68.250	0.00	0.13	0.145	O				0.07
68.333	0.00	0.13	0.144	O				0.07
68.417	0.00	0.13	0.143	O				0.07
68.500	0.00	0.13	0.142	O				0.07
68.583	0.00	0.13	0.142	O				0.07
68.667	0.00	0.13	0.141	O				0.07
68.750	0.00	0.13	0.140	O				0.07
68.833	0.00	0.13	0.139	O				0.07
68.917	0.00	0.13	0.138	O				0.07
69.000	0.00	0.13	0.137	O				0.07
69.083	0.00	0.13	0.136	O				0.07
69.167	0.00	0.13	0.135	O				0.07
69.250	0.00	0.12	0.135	O				0.07
69.333	0.00	0.12	0.134	O				0.07
69.417	0.00	0.12	0.133	O				0.07
69.500	0.00	0.12	0.132	O				0.07
69.583	0.00	0.12	0.131	O				0.07
69.667	0.00	0.12	0.130	O				0.07
69.750	0.00	0.12	0.130	O				0.07
69.833	0.00	0.12	0.129	O				0.07
69.917	0.00	0.12	0.128	O				0.07
70.000	0.00	0.12	0.127	O				0.07
70.083	0.00	0.12	0.126	O				0.06
70.167	0.00	0.12	0.125	O				0.06
70.250	0.00	0.12	0.125	O				0.06
70.333	0.00	0.11	0.124	O				0.06
70.417	0.00	0.11	0.123	O				0.06
70.500	0.00	0.11	0.122	O				0.06
70.583	0.00	0.11	0.122	O				0.06
70.667	0.00	0.11	0.121	O				0.06
70.750	0.00	0.11	0.120	O				0.06
70.833	0.00	0.11	0.119	O				0.06
70.917	0.00	0.11	0.118	O				0.06
71.000	0.00	0.11	0.118	O				0.06
71.083	0.00	0.11	0.117	O				0.06
71.167	0.00	0.11	0.116	O				0.06
71.250	0.00	0.11	0.115	O				0.06
71.333	0.00	0.11	0.115	O				0.06
71.417	0.00	0.11	0.114	O				0.06
71.500	0.00	0.10	0.113	O				0.06
71.583	0.00	0.10	0.113	O				0.06
71.667	0.00	0.10	0.112	O				0.06
71.750	0.00	0.10	0.111	O				0.06
71.833	0.00	0.10	0.110	O				0.06
71.917	0.00	0.10	0.110	O				0.06
72.000	0.00	0.10	0.109	O				0.06
72.083	0.00	0.10	0.108	O				0.06
72.167	0.00	0.10	0.108	O				0.06
72.250	0.00	0.10	0.107	O				0.05
72.333	0.00	0.10	0.106	O				0.05
72.417	0.00	0.10	0.106	O				0.05
72.500	0.00	0.10	0.105	O				0.05
72.583	0.00	0.10	0.104	O				0.05
72.667	0.00	0.10	0.104	O				0.05

72.750	0.00	0.10	0.103	O				0.05
72.833	0.00	0.09	0.102	O				0.05
72.917	0.00	0.09	0.102	O				0.05
73.000	0.00	0.09	0.101	O				0.05
73.083	0.00	0.09	0.100	O				0.05
73.167	0.00	0.09	0.100	O				0.05
73.250	0.00	0.09	0.099	O				0.05
73.333	0.00	0.09	0.099	O				0.05
73.417	0.00	0.09	0.098	O				0.05
73.500	0.00	0.09	0.097	O				0.05
73.583	0.00	0.09	0.097	O				0.05
73.667	0.00	0.09	0.096	O				0.05
73.750	0.00	0.09	0.095	O				0.05
73.833	0.00	0.09	0.095	O				0.05
73.917	0.00	0.09	0.094	O				0.05
74.000	0.00	0.09	0.094	O				0.05
74.083	0.00	0.09	0.093	O				0.05
74.167	0.00	0.09	0.092	O				0.05
74.250	0.00	0.08	0.092	O				0.05
74.333	0.00	0.08	0.091	O				0.05
74.417	0.00	0.08	0.091	O				0.05
74.500	0.00	0.08	0.090	O				0.05
74.583	0.00	0.08	0.090	O				0.05
74.667	0.00	0.08	0.089	O				0.05
74.750	0.00	0.08	0.088	O				0.05
74.833	0.00	0.08	0.088	O				0.05
74.917	0.00	0.08	0.087	O				0.04
75.000	0.00	0.08	0.087	O				0.04
75.083	0.00	0.08	0.086	O				0.04
75.167	0.00	0.08	0.086	O				0.04
75.250	0.00	0.08	0.085	O				0.04
75.333	0.00	0.08	0.085	O				0.04
75.417	0.00	0.08	0.084	O				0.04
75.500	0.00	0.08	0.083	O				0.04
75.583	0.00	0.08	0.083	O				0.04
75.667	0.00	0.08	0.082	O				0.04
75.750	0.00	0.08	0.082	O				0.04
75.833	0.00	0.08	0.081	O				0.04
75.917	0.00	0.07	0.081	O				0.04
76.000	0.00	0.07	0.080	O				0.04
76.083	0.00	0.07	0.080	O				0.04
76.167	0.00	0.07	0.079	O				0.04
76.250	0.00	0.07	0.079	O				0.04
76.333	0.00	0.07	0.078	O				0.04
76.417	0.00	0.07	0.078	O				0.04
76.500	0.00	0.07	0.077	O				0.04
76.583	0.00	0.07	0.077	O				0.04
76.667	0.00	0.07	0.076	O				0.04
76.750	0.00	0.07	0.076	O				0.04
76.833	0.00	0.07	0.075	O				0.04
76.917	0.00	0.07	0.075	O				0.04
77.000	0.00	0.07	0.074	O				0.04
77.083	0.00	0.07	0.074	O				0.04
77.167	0.00	0.07	0.074	O				0.04
77.250	0.00	0.07	0.073	O				0.04
77.333	0.00	0.07	0.073	O				0.04
77.417	0.00	0.07	0.072	O				0.04
77.500	0.00	0.07	0.072	O				0.04
77.583	0.00	0.07	0.071	O				0.04
77.667	0.00	0.07	0.071	O				0.04
77.750	0.00	0.06	0.070	O				0.04
77.833	0.00	0.06	0.070	O				0.04
77.917	0.00	0.06	0.069	O				0.04

78.000	0.00	0.06	0.069	O					0.04
78.083	0.00	0.06	0.069	O					0.04
78.167	0.00	0.06	0.068	O					0.03
78.250	0.00	0.06	0.068	O					0.03
78.333	0.00	0.06	0.067	O					0.03
78.417	0.00	0.06	0.067	O					0.03
78.500	0.00	0.06	0.066	O					0.03
78.583	0.00	0.06	0.066	O					0.03
78.667	0.00	0.06	0.066	O					0.03
78.750	0.00	0.06	0.065	O					0.03
78.833	0.00	0.06	0.065	O					0.03
78.917	0.00	0.06	0.064	O					0.03
79.000	0.00	0.06	0.064	O					0.03
79.083	0.00	0.06	0.064	O					0.03
79.167	0.00	0.06	0.063	O					0.03
79.250	0.00	0.06	0.063	O					0.03
79.333	0.00	0.06	0.062	O					0.03
79.417	0.00	0.06	0.062	O					0.03
79.500	0.00	0.06	0.062	O					0.03
79.583	0.00	0.06	0.061	O					0.03
79.667	0.00	0.06	0.061	O					0.03
79.750	0.00	0.06	0.060	O					0.03
79.833	0.00	0.06	0.060	O					0.03
79.917	0.00	0.06	0.060	O					0.03
80.000	0.00	0.05	0.059	O					0.03
80.083	0.00	0.05	0.059	O					0.03
80.167	0.00	0.05	0.058	O					0.03
80.250	0.00	0.05	0.058	O					0.03
80.333	0.00	0.05	0.058	O					0.03
80.417	0.00	0.05	0.057	O					0.03
80.500	0.00	0.05	0.057	O					0.03
80.583	0.00	0.05	0.057	O					0.03
80.667	0.00	0.05	0.056	O					0.03
80.750	0.00	0.05	0.056	O					0.03
80.833	0.00	0.05	0.056	O					0.03
80.917	0.00	0.05	0.055	O					0.03
81.000	0.00	0.05	0.055	O					0.03
81.083	0.00	0.05	0.055	O					0.03
81.167	0.00	0.05	0.054	O					0.03
81.250	0.00	0.05	0.054	O					0.03
81.333	0.00	0.05	0.053	O					0.03
81.417	0.00	0.05	0.053	O					0.03
81.500	0.00	0.05	0.053	O					0.03
81.583	0.00	0.05	0.052	O					0.03
81.667	0.00	0.05	0.052	O					0.03
81.750	0.00	0.05	0.052	O					0.03
81.833	0.00	0.05	0.051	O					0.03
81.917	0.00	0.05	0.051	O					0.03
82.000	0.00	0.05	0.051	O					0.03
82.083	0.00	0.05	0.050	O					0.03
82.167	0.00	0.05	0.050	O					0.03
82.250	0.00	0.05	0.050	O					0.03
82.333	0.00	0.05	0.050	O					0.03
82.417	0.00	0.05	0.049	O					0.03
82.500	0.00	0.05	0.049	O					0.03
82.583	0.00	0.04	0.049	O					0.02
82.667	0.00	0.04	0.048	O					0.02
82.750	0.00	0.04	0.048	O					0.02
82.833	0.00	0.04	0.048	O					0.02
82.917	0.00	0.04	0.047	O					0.02
83.000	0.00	0.04	0.047	O					0.02
83.083	0.00	0.04	0.047	O					0.02
83.167	0.00	0.04	0.046	O					0.02

83.250	0.00	0.04	0.046	O					0.02
83.333	0.00	0.04	0.046	O					0.02
83.417	0.00	0.04	0.046	O					0.02
83.500	0.00	0.04	0.045	O					0.02
83.583	0.00	0.04	0.045	O					0.02
83.667	0.00	0.04	0.045	O					0.02
83.750	0.00	0.04	0.044	O					0.02
83.833	0.00	0.04	0.044	O					0.02
83.917	0.00	0.04	0.044	O					0.02
84.000	0.00	0.04	0.044	O					0.02
84.083	0.00	0.04	0.043	O					0.02
84.167	0.00	0.04	0.043	O					0.02
84.250	0.00	0.04	0.043	O					0.02
84.333	0.00	0.04	0.043	O					0.02
84.417	0.00	0.04	0.042	O					0.02
84.500	0.00	0.04	0.042	O					0.02
84.583	0.00	0.04	0.042	O					0.02
84.667	0.00	0.04	0.041	O					0.02
84.750	0.00	0.04	0.041	O					0.02
84.833	0.00	0.04	0.041	O					0.02
84.917	0.00	0.04	0.041	O					0.02
85.000	0.00	0.04	0.040	O					0.02
85.083	0.00	0.04	0.040	O					0.02
85.167	0.00	0.04	0.040	O					0.02
85.250	0.00	0.04	0.040	O					0.02
85.333	0.00	0.04	0.039	O					0.02
85.417	0.00	0.04	0.039	O					0.02
85.500	0.00	0.04	0.039	O					0.02
85.583	0.00	0.04	0.039	O					0.02
85.667	0.00	0.04	0.038	O					0.02
85.750	0.00	0.04	0.038	O					0.02
85.833	0.00	0.04	0.038	O					0.02
85.917	0.00	0.03	0.038	O					0.02
86.000	0.00	0.03	0.037	O					0.02
86.083	0.00	0.03	0.037	O					0.02
86.167	0.00	0.03	0.037	O					0.02
86.250	0.00	0.03	0.037	O					0.02
86.333	0.00	0.03	0.037	O					0.02
86.417	0.00	0.03	0.036	O					0.02
86.500	0.00	0.03	0.036	O					0.02
86.583	0.00	0.03	0.036	O					0.02
86.667	0.00	0.03	0.036	O					0.02
86.750	0.00	0.03	0.035	O					0.02
86.833	0.00	0.03	0.035	O					0.02
86.917	0.00	0.03	0.035	O					0.02
87.000	0.00	0.03	0.035	O					0.02
87.083	0.00	0.03	0.034	O					0.02
87.167	0.00	0.03	0.034	O					0.02
87.250	0.00	0.03	0.034	O					0.02
87.333	0.00	0.03	0.034	O					0.02
87.417	0.00	0.03	0.034	O					0.02
87.500	0.00	0.03	0.033	O					0.02
87.583	0.00	0.03	0.033	O					0.02
87.667	0.00	0.03	0.033	O					0.02
87.750	0.00	0.03	0.033	O					0.02
87.833	0.00	0.03	0.033	O					0.02
87.917	0.00	0.03	0.032	O					0.02
88.000	0.00	0.03	0.032	O					0.02
88.083	0.00	0.03	0.032	O					0.02
88.167	0.00	0.03	0.032	O					0.02
88.250	0.00	0.03	0.032	O					0.02
88.333	0.00	0.03	0.031	O					0.02
88.417	0.00	0.03	0.031	O					0.02

88.500	0.00	0.03	0.031	O				0.02
88.583	0.00	0.03	0.031	O				0.02
88.667	0.00	0.03	0.031	O				0.02
88.750	0.00	0.03	0.030	O				0.02
88.833	0.00	0.03	0.030	O				0.02
88.917	0.00	0.03	0.030	O				0.02
89.000	0.00	0.03	0.030	O				0.02
89.083	0.00	0.03	0.030	O				0.02
89.167	0.00	0.03	0.029	O				0.02
89.250	0.00	0.03	0.029	O				0.01
89.333	0.00	0.03	0.029	O				0.01
89.417	0.00	0.03	0.029	O				0.01
89.500	0.00	0.03	0.029	O				0.01
89.583	0.00	0.03	0.028	O				0.01
89.667	0.00	0.03	0.028	O				0.01
89.750	0.00	0.03	0.028	O				0.01
89.833	0.00	0.03	0.028	O				0.01
89.917	0.00	0.03	0.028	O				0.01
90.000	0.00	0.03	0.028	O				0.01
90.083	0.00	0.03	0.027	O				0.01
90.167	0.00	0.03	0.027	O				0.01
90.250	0.00	0.03	0.027	O				0.01
90.333	0.00	0.02	0.027	O				0.01
90.417	0.00	0.02	0.027	O				0.01
90.500	0.00	0.02	0.027	O				0.01
90.583	0.00	0.02	0.026	O				0.01
90.667	0.00	0.02	0.026	O				0.01
90.750	0.00	0.02	0.026	O				0.01
90.833	0.00	0.02	0.026	O				0.01
90.917	0.00	0.02	0.026	O				0.01
91.000	0.00	0.02	0.026	O				0.01
91.083	0.00	0.02	0.025	O				0.01
91.167	0.00	0.02	0.025	O				0.01
91.250	0.00	0.02	0.025	O				0.01
91.333	0.00	0.02	0.025	O				0.01
91.417	0.00	0.02	0.025	O				0.01
91.500	0.00	0.02	0.025	O				0.01
91.583	0.00	0.02	0.024	O				0.01
91.667	0.00	0.02	0.024	O				0.01
91.750	0.00	0.02	0.024	O				0.01
91.833	0.00	0.02	0.024	O				0.01
91.917	0.00	0.02	0.024	O				0.01
92.000	0.00	0.02	0.024	O				0.01
92.083	0.00	0.02	0.024	O				0.01
92.167	0.00	0.02	0.023	O				0.01
92.250	0.00	0.02	0.023	O				0.01
92.333	0.00	0.02	0.023	O				0.01
92.417	0.00	0.02	0.023	O				0.01
92.500	0.00	0.02	0.023	O				0.01
92.583	0.00	0.02	0.023	O				0.01
92.667	0.00	0.02	0.023	O				0.01
92.750	0.00	0.02	0.022	O				0.01
92.833	0.00	0.02	0.022	O				0.01
92.917	0.00	0.02	0.022	O				0.01
93.000	0.00	0.02	0.022	O				0.01
93.083	0.00	0.02	0.022	O				0.01
93.167	0.00	0.02	0.022	O				0.01
93.250	0.00	0.02	0.022	O				0.01
93.333	0.00	0.02	0.021	O				0.01
93.417	0.00	0.02	0.021	O				0.01
93.500	0.00	0.02	0.021	O				0.01
93.583	0.00	0.02	0.021	O				0.01
93.667	0.00	0.02	0.021	O				0.01

93.750	0.00	0.02	0.021	O				0.01
93.833	0.00	0.02	0.021	O				0.01
93.917	0.00	0.02	0.020	O				0.01
94.000	0.00	0.02	0.020	O				0.01
94.083	0.00	0.02	0.020	O				0.01
94.167	0.00	0.02	0.020	O				0.01
94.250	0.00	0.02	0.020	O				0.01
94.333	0.00	0.02	0.020	O				0.01
94.417	0.00	0.02	0.020	O				0.01
94.500	0.00	0.02	0.020	O				0.01
94.583	0.00	0.02	0.019	O				0.01
94.667	0.00	0.02	0.019	O				0.01
94.750	0.00	0.02	0.019	O				0.01
94.833	0.00	0.02	0.019	O				0.01
94.917	0.00	0.02	0.019	O				0.01
95.000	0.00	0.02	0.019	O				0.01
95.083	0.00	0.02	0.019	O				0.01
95.167	0.00	0.02	0.019	O				0.01
95.250	0.00	0.02	0.018	O				0.01
95.333	0.00	0.02	0.018	O				0.01
95.417	0.00	0.02	0.018	O				0.01
95.500	0.00	0.02	0.018	O				0.01
95.583	0.00	0.02	0.018	O				0.01
95.667	0.00	0.02	0.018	O				0.01
95.750	0.00	0.02	0.018	O				0.01
95.833	0.00	0.02	0.018	O				0.01
95.917	0.00	0.02	0.018	O				0.01
96.000	0.00	0.02	0.017	O				0.01
96.083	0.00	0.02	0.017	O				0.01
96.167	0.00	0.02	0.017	O				0.01
96.250	0.00	0.02	0.017	O				0.01
96.333	0.00	0.02	0.017	O				0.01
96.417	0.00	0.02	0.017	O				0.01
96.500	0.00	0.02	0.017	O				0.01
96.583	0.00	0.02	0.017	O				0.01
96.667	0.00	0.02	0.017	O				0.01
96.750	0.00	0.02	0.016	O				0.01
96.833	0.00	0.02	0.016	O				0.01
96.917	0.00	0.02	0.016	O				0.01
97.000	0.00	0.01	0.016	O				0.01
97.083	0.00	0.01	0.016	O				0.01
97.167	0.00	0.01	0.016	O				0.01
97.250	0.00	0.01	0.016	O				0.01
97.333	0.00	0.01	0.016	O				0.01
97.417	0.00	0.01	0.016	O				0.01
97.500	0.00	0.01	0.016	O				0.01
97.583	0.00	0.01	0.015	O				0.01
97.667	0.00	0.01	0.015	O				0.01
97.750	0.00	0.01	0.015	O				0.01
97.833	0.00	0.01	0.015	O				0.01
97.917	0.00	0.01	0.015	O				0.01
98.000	0.00	0.01	0.015	O				0.01
98.083	0.00	0.01	0.015	O				0.01
98.167	0.00	0.01	0.015	O				0.01
98.250	0.00	0.01	0.015	O				0.01
98.333	0.00	0.01	0.015	O				0.01
98.417	0.00	0.01	0.015	O				0.01
98.500	0.00	0.01	0.014	O				0.01
98.583	0.00	0.01	0.014	O				0.01
98.667	0.00	0.01	0.014	O				0.01
98.750	0.00	0.01	0.014	O				0.01
98.833	0.00	0.01	0.014	O				0.01
98.917	0.00	0.01	0.014	O				0.01

99.000	0.00	0.01	0.014	O				0.01
99.083	0.00	0.01	0.014	O				0.01
99.167	0.00	0.01	0.014	O				0.01
99.250	0.00	0.01	0.014	O				0.01
99.333	0.00	0.01	0.014	O				0.01
99.417	0.00	0.01	0.013	O				0.01
99.500	0.00	0.01	0.013	O				0.01
99.583	0.00	0.01	0.013	O				0.01
99.667	0.00	0.01	0.013	O				0.01
99.750	0.00	0.01	0.013	O				0.01
99.833	0.00	0.01	0.013	O				0.01
99.917	0.00	0.01	0.013	O				0.01
100.000	0.00	0.01	0.013	O				0.01
100.083	0.00	0.01	0.013	O				0.01
100.167	0.00	0.01	0.013	O				0.01
100.250	0.00	0.01	0.013	O				0.01
100.333	0.00	0.01	0.013	O				0.01
100.417	0.00	0.01	0.012	O				0.01
100.500	0.00	0.01	0.012	O				0.01
100.583	0.00	0.01	0.012	O				0.01
100.667	0.00	0.01	0.012	O				0.01
100.750	0.00	0.01	0.012	O				0.01
100.833	0.00	0.01	0.012	O				0.01
100.917	0.00	0.01	0.012	O				0.01
101.000	0.00	0.01	0.012	O				0.01
101.083	0.00	0.01	0.012	O				0.01
101.167	0.00	0.01	0.012	O				0.01
101.250	0.00	0.01	0.012	O				0.01
101.333	0.00	0.01	0.012	O				0.01
101.417	0.00	0.01	0.012	O				0.01
101.500	0.00	0.01	0.011	O				0.01
101.583	0.00	0.01	0.011	O				0.01
101.667	0.00	0.01	0.011	O				0.01
101.750	0.00	0.01	0.011	O				0.01
101.833	0.00	0.01	0.011	O				0.01
101.917	0.00	0.01	0.011	O				0.01
102.000	0.00	0.01	0.011	O				0.01
102.083	0.00	0.01	0.011	O				0.01
102.167	0.00	0.01	0.011	O				0.01
102.250	0.00	0.01	0.011	O				0.01
102.333	0.00	0.01	0.011	O				0.01
102.417	0.00	0.01	0.011	O				0.01
102.500	0.00	0.01	0.011	O				0.01
102.583	0.00	0.01	0.011	O				0.01
102.667	0.00	0.01	0.010	O				0.01
102.750	0.00	0.01	0.010	O				0.01
102.833	0.00	0.01	0.010	O				0.01
102.917	0.00	0.01	0.010	O				0.01
103.000	0.00	0.01	0.010	O				0.01
103.083	0.00	0.01	0.010	O				0.01
103.167	0.00	0.01	0.010	O				0.01
103.250	0.00	0.01	0.010	O				0.01
103.333	0.00	0.01	0.010	O				0.01
103.417	0.00	0.01	0.010	O				0.01
103.500	0.00	0.01	0.010	O				0.01
103.583	0.00	0.01	0.010	O				0.01
103.667	0.00	0.01	0.010	O				0.00
103.750	0.00	0.01	0.010	O				0.00
103.833	0.00	0.01	0.010	O				0.00
103.917	0.00	0.01	0.010	O				0.00
104.000	0.00	0.01	0.009	O				0.00
104.083	0.00	0.01	0.009	O				0.00
104.167	0.00	0.01	0.009	O				0.00

104.250	0.00	0.01	0.009	O					0.00
104.333	0.00	0.01	0.009	O					0.00
104.417	0.00	0.01	0.009	O					0.00
104.500	0.00	0.01	0.009	O					0.00
104.583	0.00	0.01	0.009	O					0.00
104.667	0.00	0.01	0.009	O					0.00
104.750	0.00	0.01	0.009	O					0.00
104.833	0.00	0.01	0.009	O					0.00
104.917	0.00	0.01	0.009	O					0.00
105.000	0.00	0.01	0.009	O					0.00
105.083	0.00	0.01	0.009	O					0.00
105.167	0.00	0.01	0.009	O					0.00
105.250	0.00	0.01	0.009	O					0.00
105.333	0.00	0.01	0.009	O					0.00
105.417	0.00	0.01	0.009	O					0.00
105.500	0.00	0.01	0.008	O					0.00
105.583	0.00	0.01	0.008	O					0.00
105.667	0.00	0.01	0.008	O					0.00
105.750	0.00	0.01	0.008	O					0.00
105.833	0.00	0.01	0.008	O					0.00
105.917	0.00	0.01	0.008	O					0.00
106.000	0.00	0.01	0.008	O					0.00
106.083	0.00	0.01	0.008	O					0.00
106.167	0.00	0.01	0.008	O					0.00
106.250	0.00	0.01	0.008	O					0.00
106.333	0.00	0.01	0.008	O					0.00
106.417	0.00	0.01	0.008	O					0.00
106.500	0.00	0.01	0.008	O					0.00
106.583	0.00	0.01	0.008	O					0.00
106.667	0.00	0.01	0.008	O					0.00
106.750	0.00	0.01	0.008	O					0.00
106.833	0.00	0.01	0.008	O					0.00
106.917	0.00	0.01	0.008	O					0.00
107.000	0.00	0.01	0.008	O					0.00
107.083	0.00	0.01	0.007	O					0.00
107.167	0.00	0.01	0.007	O					0.00
107.250	0.00	0.01	0.007	O					0.00
107.333	0.00	0.01	0.007	O					0.00
107.417	0.00	0.01	0.007	O					0.00
107.500	0.00	0.01	0.007	O					0.00
107.583	0.00	0.01	0.007	O					0.00
107.667	0.00	0.01	0.007	O					0.00
107.750	0.00	0.01	0.007	O					0.00
107.833	0.00	0.01	0.007	O					0.00
107.917	0.00	0.01	0.007	O					0.00
108.000	0.00	0.01	0.007	O					0.00
108.083	0.00	0.01	0.007	O					0.00
108.167	0.00	0.01	0.007	O					0.00
108.250	0.00	0.01	0.007	O					0.00
108.333	0.00	0.01	0.007	O					0.00
108.417	0.00	0.01	0.007	O					0.00
108.500	0.00	0.01	0.007	O					0.00
108.583	0.00	0.01	0.007	O					0.00
108.667	0.00	0.01	0.007	O					0.00
108.750	0.00	0.01	0.007	O					0.00
108.833	0.00	0.01	0.007	O					0.00
108.917	0.00	0.01	0.007	O					0.00
109.000	0.00	0.01	0.006	O					0.00
109.083	0.00	0.01	0.006	O					0.00
109.167	0.00	0.01	0.006	O					0.00
109.250	0.00	0.01	0.006	O					0.00
109.333	0.00	0.01	0.006	O					0.00
109.417	0.00	0.01	0.006	O					0.00

109.500	0.00	0.01	0.006	O					0.00
109.583	0.00	0.01	0.006	O					0.00
109.667	0.00	0.01	0.006	O					0.00
109.750	0.00	0.01	0.006	O					0.00
109.833	0.00	0.01	0.006	O					0.00
109.917	0.00	0.01	0.006	O					0.00
110.000	0.00	0.01	0.006	O					0.00
110.083	0.00	0.01	0.006	O					0.00
110.167	0.00	0.01	0.006	O					0.00
110.250	0.00	0.01	0.006	O					0.00
110.333	0.00	0.01	0.006	O					0.00
110.417	0.00	0.01	0.006	O					0.00
110.500	0.00	0.01	0.006	O					0.00
110.583	0.00	0.01	0.006	O					0.00
110.667	0.00	0.01	0.006	O					0.00
110.750	0.00	0.01	0.006	O					0.00
110.833	0.00	0.01	0.006	O					0.00
110.917	0.00	0.01	0.006	O					0.00
111.000	0.00	0.01	0.006	O					0.00
111.083	0.00	0.01	0.006	O					0.00
111.167	0.00	0.01	0.005	O					0.00
111.250	0.00	0.01	0.005	O					0.00
111.333	0.00	0.00	0.005	O					0.00
111.417	0.00	0.00	0.005	O					0.00
111.500	0.00	0.00	0.005	O					0.00
111.583	0.00	0.00	0.005	O					0.00
111.667	0.00	0.00	0.005	O					0.00
111.750	0.00	0.00	0.005	O					0.00
111.833	0.00	0.00	0.005	O					0.00
111.917	0.00	0.00	0.005	O					0.00
112.000	0.00	0.00	0.005	O					0.00
112.083	0.00	0.00	0.005	O					0.00
112.167	0.00	0.00	0.005	O					0.00
112.250	0.00	0.00	0.005	O					0.00
112.333	0.00	0.00	0.005	O					0.00
112.417	0.00	0.00	0.005	O					0.00
112.500	0.00	0.00	0.005	O					0.00
112.583	0.00	0.00	0.005	O					0.00
112.667	0.00	0.00	0.005	O					0.00
112.750	0.00	0.00	0.005	O					0.00
112.833	0.00	0.00	0.005	O					0.00
112.917	0.00	0.00	0.005	O					0.00
113.000	0.00	0.00	0.005	O					0.00
113.083	0.00	0.00	0.005	O					0.00
113.167	0.00	0.00	0.005	O					0.00
113.250	0.00	0.00	0.005	O					0.00
113.333	0.00	0.00	0.005	O					0.00
113.417	0.00	0.00	0.005	O					0.00
113.500	0.00	0.00	0.005	O					0.00
113.583	0.00	0.00	0.005	O					0.00
113.667	0.00	0.00	0.005	O					0.00
113.750	0.00	0.00	0.004	O					0.00
113.833	0.00	0.00	0.004	O					0.00
113.917	0.00	0.00	0.004	O					0.00
114.000	0.00	0.00	0.004	O					0.00
114.083	0.00	0.00	0.004	O					0.00
114.167	0.00	0.00	0.004	O					0.00
114.250	0.00	0.00	0.004	O					0.00
114.333	0.00	0.00	0.004	O					0.00
114.417	0.00	0.00	0.004	O					0.00
114.500	0.00	0.00	0.004	O					0.00
114.583	0.00	0.00	0.004	O					0.00
114.667	0.00	0.00	0.004	O					0.00

114.750	0.00	0.00	0.004	O					0.00
114.833	0.00	0.00	0.004	O					0.00
114.917	0.00	0.00	0.004	O					0.00
115.000	0.00	0.00	0.004	O					0.00
115.083	0.00	0.00	0.004	O					0.00
115.167	0.00	0.00	0.004	O					0.00
115.250	0.00	0.00	0.004	O					0.00
115.333	0.00	0.00	0.004	O					0.00
115.417	0.00	0.00	0.004	O					0.00
115.500	0.00	0.00	0.004	O					0.00
115.583	0.00	0.00	0.004	O					0.00
115.667	0.00	0.00	0.004	O					0.00
115.750	0.00	0.00	0.004	O					0.00
115.833	0.00	0.00	0.004	O					0.00
115.917	0.00	0.00	0.004	O					0.00
116.000	0.00	0.00	0.004	O					0.00
116.083	0.00	0.00	0.004	O					0.00
116.167	0.00	0.00	0.004	O					0.00
116.250	0.00	0.00	0.004	O					0.00
116.333	0.00	0.00	0.004	O					0.00
116.417	0.00	0.00	0.004	O					0.00
116.500	0.00	0.00	0.004	O					0.00
116.583	0.00	0.00	0.004	O					0.00
116.667	0.00	0.00	0.004	O					0.00
116.750	0.00	0.00	0.004	O					0.00
116.833	0.00	0.00	0.004	O					0.00
116.917	0.00	0.00	0.004	O					0.00
117.000	0.00	0.00	0.004	O					0.00
117.083	0.00	0.00	0.003	O					0.00
117.167	0.00	0.00	0.003	O					0.00
117.250	0.00	0.00	0.003	O					0.00
117.333	0.00	0.00	0.003	O					0.00
117.417	0.00	0.00	0.003	O					0.00
117.500	0.00	0.00	0.003	O					0.00
117.583	0.00	0.00	0.003	O					0.00
117.667	0.00	0.00	0.003	O					0.00
117.750	0.00	0.00	0.003	O					0.00
117.833	0.00	0.00	0.003	O					0.00
117.917	0.00	0.00	0.003	O					0.00
118.000	0.00	0.00	0.003	O					0.00
118.083	0.00	0.00	0.003	O					0.00
118.167	0.00	0.00	0.003	O					0.00
118.250	0.00	0.00	0.003	O					0.00
118.333	0.00	0.00	0.003	O					0.00
118.417	0.00	0.00	0.003	O					0.00
118.500	0.00	0.00	0.003	O					0.00
118.583	0.00	0.00	0.003	O					0.00
118.667	0.00	0.00	0.003	O					0.00
118.750	0.00	0.00	0.003	O					0.00
118.833	0.00	0.00	0.003	O					0.00
118.917	0.00	0.00	0.003	O					0.00
119.000	0.00	0.00	0.003	O					0.00
119.083	0.00	0.00	0.003	O					0.00
119.167	0.00	0.00	0.003	O					0.00
119.250	0.00	0.00	0.003	O					0.00
119.333	0.00	0.00	0.003	O					0.00
119.417	0.00	0.00	0.003	O					0.00
119.500	0.00	0.00	0.003	O					0.00
119.583	0.00	0.00	0.003	O					0.00
119.667	0.00	0.00	0.003	O					0.00
119.750	0.00	0.00	0.003	O					0.00
119.833	0.00	0.00	0.003	O					0.00
119.917	0.00	0.00	0.003	O					0.00

120.000	0.00	0.00	0.003	O	|	|	|	|	0.00
120.083	0.00	0.00	0.003	O	|	|	|	|	0.00
120.167	0.00	0.00	0.003	O	|	|	|	|	0.00
120.250	0.00	0.00	0.003	O	|	|	|	|	0.00
120.333	0.00	0.00	0.003	O	|	|	|	|	0.00
120.417	0.00	0.00	0.003	O	|	|	|	|	0.00
120.500	0.00	0.00	0.003	O	|	|	|	|	0.00
120.583	0.00	0.00	0.003	O	|	|	|	|	0.00
120.667	0.00	0.00	0.003	O	|	|	|	|	0.00
120.750	0.00	0.00	0.003	O	|	|	|	|	0.00
120.833	0.00	0.00	0.003	O	|	|	|	|	0.00
120.917	0.00	0.00	0.003	O	|	|	|	|	0.00
121.000	0.00	0.00	0.003	O	|	|	|	|	0.00
121.083	0.00	0.00	0.003	O	|	|	|	|	0.00
121.167	0.00	0.00	0.003	O	|	|	|	|	0.00
121.250	0.00	0.00	0.003	O	|	|	|	|	0.00
121.333	0.00	0.00	0.003	O	|	|	|	|	0.00
121.417	0.00	0.00	0.003	O	|	|	|	|	0.00
121.500	0.00	0.00	0.002	O	|	|	|	|	0.00
121.583	0.00	0.00	0.002	O	|	|	|	|	0.00
121.667	0.00	0.00	0.002	O	|	|	|	|	0.00
121.750	0.00	0.00	0.002	O	|	|	|	|	0.00
121.833	0.00	0.00	0.002	O	|	|	|	|	0.00
121.917	0.00	0.00	0.002	O	|	|	|	|	0.00
122.000	0.00	0.00	0.002	O	|	|	|	|	0.00
122.083	0.00	0.00	0.002	O	|	|	|	|	0.00
122.167	0.00	0.00	0.002	O	|	|	|	|	0.00
122.250	0.00	0.00	0.002	O	|	|	|	|	0.00
122.333	0.00	0.00	0.002	O	|	|	|	|	0.00
122.417	0.00	0.00	0.002	O	|	|	|	|	0.00
122.500	0.00	0.00	0.002	O	|	|	|	|	0.00
122.583	0.00	0.00	0.002	O	|	|	|	|	0.00
122.667	0.00	0.00	0.002	O	|	|	|	|	0.00
122.750	0.00	0.00	0.002	O	|	|	|	|	0.00
122.833	0.00	0.00	0.002	O	|	|	|	|	0.00
122.917	0.00	0.00	0.002	O	|	|	|	|	0.00
123.000	0.00	0.00	0.002	O	|	|	|	|	0.00
123.083	0.00	0.00	0.002	O	|	|	|	|	0.00
123.167	0.00	0.00	0.002	O	|	|	|	|	0.00
123.250	0.00	0.00	0.002	O	|	|	|	|	0.00
123.333	0.00	0.00	0.002	O	|	|	|	|	0.00
123.417	0.00	0.00	0.002	O	|	|	|	|	0.00
123.500	0.00	0.00	0.002	O	|	|	|	|	0.00
123.583	0.00	0.00	0.002	O	|	|	|	|	0.00
123.667	0.00	0.00	0.002	O	|	|	|	|	0.00
123.750	0.00	0.00	0.002	O	|	|	|	|	0.00
123.833	0.00	0.00	0.002	O	|	|	|	|	0.00
123.917	0.00	0.00	0.002	O	|	|	|	|	0.00
124.000	0.00	0.00	0.002	O	|	|	|	|	0.00
124.083	0.00	0.00	0.002	O	|	|	|	|	0.00
124.167	0.00	0.00	0.002	O	|	|	|	|	0.00
124.250	0.00	0.00	0.002	O	|	|	|	|	0.00
124.333	0.00	0.00	0.002	O	|	|	|	|	0.00
124.417	0.00	0.00	0.002	O	|	|	|	|	0.00
124.500	0.00	0.00	0.002	O	|	|	|	|	0.00
124.583	0.00	0.00	0.002	O	|	|	|	|	0.00
124.667	0.00	0.00	0.002	O	|	|	|	|	0.00
124.750	0.00	0.00	0.002	O	|	|	|	|	0.00

Remaining water in basin = 0.00 (Ac.Ft)

```
**************************HYDROGRAPH DATA**************************
             Number of intervals =  1497
             Time interval =    5.0 (Min.)
             Maximum/Peak flow rate =        9.336 (CFS)
             Total volume =       8.425 (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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                  FLOOD HYDROGRAPH ROUTING PROGRAM
            Copyright (c) CIVILCADD/CIVILDESIGN, 1989 - 2005
                        Study date: 04/03/24

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Keller Crossing, Tr. 38163
WQ - Detention Basin Routing Area C onsite
Detention Basin C full with DCV at 1426
10-year 24-hour storm Inflow Hydrograph


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Program License Serial Number 4029

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

             From study/file name: 907hydc10pr2410.rte
*****************************HYDROGRAPH DATA*****************************
             Number of intervals =   296
             Time interval =    5.0 (Min.)
             Maximum/Peak flow rate =       21.602 (CFS)
             Total volume =      12.844 (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       10.000 to Point/Station       11.000
**** RETARDING BASIN ROUTING ****
________________________________________________________________________

User entry of depth-outflow-storage data
------------------------------------------------------------------------
Total number of inflow hydrograph intervals = 296
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  Storage    Outflow   (S-O*dt/2)   (S+O*dt/2)
     (Ft.)    (Ac.Ft)    (CFS)     (Ac.Ft)    (Ac.Ft)
------------------------------------------------------------------------
   0.000      0.000      0.000      0.000        0.000
   1.000      1.948      1.800      1.942        1.954
   2.000      4.304      2.020      4.297        4.311
   3.000      7.054      3.480      7.042        7.066
   4.000     10.094     49.260      9.924       10.264
   4.500     11.710     87.250     11.410       12.010
```

5.000	13.325	331.310	12.184	14.466
6.000	16.754	1244.540	12.468	21.040

Hydrograph Detention Basin Routing

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

Time (Hours)	Inflow (CFS)	Outflow (CFS)	Storage (Ac.Ft)	.0 5.4 10.80 16.20 21.60	Depth (Ft.)
0.083	0.21	0.00	0.001	O	0.00
0.167	0.80	0.00	0.004	OI	0.00
0.250	1.01	0.01	0.010	OI	0.01
0.333	1.21	0.02	0.018	OI	0.01
0.417	1.56	0.03	0.027	O I	0.01
0.500	1.70	0.04	0.038	O I	0.02
0.583	1.77	0.05	0.050	O I	0.03
0.667	1.81	0.06	0.062	O I	0.03
0.750	1.84	0.07	0.074	O I	0.04
0.833	1.95	0.08	0.087	O I	0.04
0.917	2.26	0.09	0.101	O I	0.05
1.000	2.37	0.11	0.116	O I	0.06
1.083	2.31	0.12	0.131	O I	0.07
1.167	2.04	0.13	0.145	O I	0.07
1.250	1.95	0.15	0.158	O I	0.08
1.333	1.92	0.16	0.170	O I	0.09
1.417	1.90	0.17	0.182	O I	0.09
1.500	1.89	0.18	0.194	O I	0.10
1.583	1.87	0.19	0.206	O I	0.11
1.667	1.87	0.20	0.217	O I	0.11
1.750	1.86	0.21	0.229	O I	0.12
1.833	1.97	0.22	0.240	O I	0.12
1.917	2.26	0.23	0.253	O I	0.13
2.000	2.37	0.25	0.268	O I	0.14
2.083	2.41	0.26	0.282	O I	0.14
2.167	2.44	0.27	0.297	O I	0.15
2.250	2.46	0.29	0.312	O I	0.16
2.333	2.47	0.30	0.327	O I	0.17
2.417	2.48	0.32	0.342	O I	0.18
2.500	2.48	0.33	0.357	O I	0.18
2.583	2.59	0.34	0.372	O I	0.19
2.667	2.88	0.36	0.388	O I	0.20
2.750	2.99	0.38	0.406	O I	0.21
2.833	3.03	0.39	0.424	O I	0.22
2.917	3.06	0.41	0.442	O I	0.23
3.000	3.08	0.43	0.461	O I	0.24
3.083	3.09	0.44	0.479	O I	0.25
3.167	3.10	0.46	0.497	O I	0.26
3.250	3.10	0.48	0.515	O I	0.26
3.333	3.10	0.49	0.533	O I	0.27
3.417	3.10	0.51	0.551	O I	0.28
3.500	3.10	0.53	0.569	O I	0.29
3.583	3.10	0.54	0.587	O I	0.30
3.667	3.10	0.56	0.604	O I	0.31
3.750	3.10	0.57	0.622	O I	0.32
3.833	3.21	0.59	0.639	O I	0.33
3.917	3.50	0.61	0.658	O I	0.34
4.000	3.61	0.63	0.679	O I	0.35
4.083	3.65	0.65	0.699	O I	0.36
4.167	3.68	0.67	0.720	O I	0.37
4.250	3.70	0.68	0.741	|O I	0.38
4.333	3.82	0.70	0.762	|O I	0.39
4.417	4.12	0.72	0.784	|O I	0.40

4.500	4.23	0.75	0.808	|O I |	|	|	|	0.41
4.583	4.27	0.77	0.832	|O I |	|	|	|	0.43
4.667	4.30	0.79	0.856	|O I |	|	|	|	0.44
4.750	4.32	0.81	0.880	|O I |	|	|	|	0.45
4.833	4.44	0.84	0.905	|O I |	|	|	|	0.46
4.917	4.74	0.86	0.931	|O I|	|	|	|	0.48
5.000	4.85	0.88	0.958	|O I|	|	|	|	0.49
5.083	4.68	0.91	0.984	|O I |	|	|	|	0.51
5.167	4.12	0.93	1.008	|O I |	|	|	|	0.52
5.250	3.93	0.95	1.029	|O I |	|	|	|	0.53
5.333	3.95	0.97	1.050	|O I |	|	|	|	0.54
5.417	4.20	0.99	1.071	|O I |	|	|	|	0.55
5.500	4.28	1.01	1.094	|O I |	|	|	|	0.56
5.583	4.41	1.03	1.116	|O I |	|	|	|	0.57
5.667	4.72	1.05	1.141	|O I |	|	|	|	0.59
5.750	4.82	1.08	1.166	|O I|	|	|	|	0.60
5.833	4.88	1.10	1.192	|O I|	|	|	|	0.61
5.917	4.92	1.13	1.218	|O I|	|	|	|	0.63
6.000	4.94	1.15	1.244	|O I|	|	|	|	0.64
6.083	5.06	1.17	1.271	|O I|	|	|	|	0.65
6.167	5.36	1.20	1.298	|O I|	|	|	|	0.67
6.250	5.47	1.23	1.327	|O I |	|	|	|	0.68
6.333	5.52	1.25	1.357	|O I |	|	|	|	0.70
6.417	5.54	1.28	1.386	|O I |	|	|	|	0.71
6.500	5.56	1.31	1.415	|O I |	|	|	|	0.73
6.583	5.68	1.34	1.445	|O I |	|	|	|	0.74
6.667	5.98	1.36	1.476	| O I |	|	|	|	0.76
6.750	6.09	1.39	1.508	| O |I |	|	|	|	0.77
6.833	6.14	1.42	1.540	| O |I |	|	|	|	0.79
6.917	6.16	1.45	1.573	| O |I |	|	|	|	0.81
7.000	6.18	1.48	1.605	| O |I |	|	|	|	0.82
7.083	6.19	1.51	1.637	| O |I |	|	|	|	0.84
7.167	6.20	1.54	1.669	| O |I |	|	|	|	0.86
7.250	6.20	1.57	1.701	| O |I |	|	|	|	0.87
7.333	6.31	1.60	1.734	| O |I |	|	|	|	0.89
7.417	6.61	1.63	1.767	| O |I |	|	|	|	0.91
7.500	6.71	1.66	1.801	| O |I |	|	|	|	0.92
7.583	6.86	1.70	1.837	| O | I |	|	|	|	0.94
7.667	7.19	1.73	1.873	| O | I |	|	|	|	0.96
7.750	7.31	1.77	1.911	| O | I |	|	|	|	0.98
7.833	7.47	1.80	1.950	| O | I |	|	|	|	1.00
7.917	7.80	1.80	1.990	| O | I |	|	|	|	1.02
8.000	7.93	1.81	2.032	| O | I |	|	|	|	1.04
8.083	8.20	1.81	2.075	| O | I |	|	|	|	1.05
8.167	8.82	1.82	2.121	| O | I |	|	|	|	1.07
8.250	9.05	1.82	2.170	| O | I |	|	|	|	1.09
8.333	9.16	1.83	2.220	| O | I |	|	|	|	1.12
8.417	9.22	1.83	2.271	| O | I |	|	|	|	1.14
8.500	9.26	1.83	2.322	| O | I |	|	|	|	1.16
8.583	9.39	1.84	2.373	| O | I |	|	|	|	1.18
8.667	9.70	1.84	2.426	| O | I |	|	|	|	1.20
8.750	9.81	1.85	2.481	| O | I |	|	|	|	1.23
8.833	9.97	1.85	2.536	| O | I |	|	|	|	1.25
8.917	10.29	1.86	2.593	| O | I|	|	|	|	1.27
9.000	10.41	1.87	2.651	| O | I|	|	|	|	1.30
9.083	10.68	1.87	2.711	| O | I|	|	|	|	1.32
9.167	11.30	1.88	2.774	| O | I |	|	|	|	1.35
9.250	11.54	1.88	2.840	| O | |I |	|	|	|	1.38
9.333	11.75	1.89	2.907	| O | |I |	|	|	|	1.41
9.417	12.10	1.90	2.976	| O | |I |	|	|	|	1.44
9.500	12.25	1.90	3.047	| O | | I |	|	|	|	1.47
9.583	12.42	1.91	3.118	| O | | I |	|	|	|	1.50
9.667	12.76	1.92	3.192	| O | | I |	|	|	|	1.53

9.750	12.89	1.92	3.267	O		I		1.56
9.833	13.05	1.93	3.343	O		I		1.59
9.917	13.38	1.94	3.421	O		I		1.63
10.000	13.51	1.94	3.500	O		I		1.66
10.083	12.82	1.95	3.577	O		I		1.69
10.167	10.79	1.96	3.645	O		I		1.72
10.250	10.08	1.96	3.704	O		I		1.75
10.333	9.77	1.97	3.758	O		I		1.77
10.417	9.59	1.97	3.811	O		I		1.79
10.500	9.48	1.98	3.864	O		I		1.81
10.583	9.93	1.98	3.917	O		I		1.84
10.667	11.36	1.99	3.976	O		I		1.86
10.750	11.84	2.00	4.043	O		I		1.89
10.833	12.07	2.00	4.111	O		I		1.92
10.917	12.20	2.01	4.181	O		I		1.95
11.000	12.29	2.02	4.251	O		I		1.98
11.083	12.24	2.03	4.322	O		I		2.01
11.167	11.98	2.07	4.391	O		I		2.03
11.250	11.90	2.10	4.459	O		I		2.06
11.333	11.86	2.14	4.526	O		I		2.08
11.417	11.83	2.17	4.593	O		I		2.11
11.500	11.81	2.21	4.659	O		I		2.13
11.583	11.59	2.24	4.725	O		I		2.15
11.667	10.99	2.28	4.787	O		I		2.18
11.750	10.78	2.31	4.846	O		I		2.20
11.833	10.79	2.34	4.904	O		I		2.22
11.917	11.03	2.37	4.963	O		I		2.24
12.000	11.10	2.40	5.023	O		I		2.26
12.083	11.87	2.43	5.085	O		I		2.28
12.167	13.95	2.47	5.157	O		I		2.31
12.250	14.69	2.52	5.239	O		I		2.34
12.333	15.13	2.56	5.324	O		I		2.37
12.417	15.61	2.61	5.412	O		I		2.40
12.500	15.84	2.66	5.502	O		I		2.44
12.583	16.18	2.70	5.594	O		I		2.47
12.667	16.85	2.76	5.689	O		I		2.50
12.750	17.12	2.81	5.787	O		I		2.54
12.833	17.33	2.86	5.886	O		I		2.58
12.917	17.68	2.91	5.987	O		I		2.61
13.000	17.83	2.97	6.089	O		I		2.65
13.083	18.51	3.02	6.193	O		I		2.69
13.167	20.25	3.08	6.306	O		I		2.73
13.250	20.92	3.15	6.426	O		I		2.77
13.333	21.24	3.21	6.549	O		I		2.82
13.417	21.45	3.28	6.674	O		I		2.86
13.500	21.60	3.34	6.799	O		I		2.91
13.583	20.41	3.41	6.921	O		I		2.95
13.667	16.87	3.46	7.025	O		I		2.99
13.750	15.65	4.33	7.111	O		I		3.02
13.833	15.09	5.42	7.183	O		I		3.04
13.917	14.78	6.36	7.245	O		I		3.06
14.000	14.57	7.18	7.300	O		I		3.08
14.083	14.86	7.92	7.349	O		I		3.10
14.167	15.95	8.66	7.398	O		I		3.11
14.250	16.29	9.40	7.447	O		I		3.13
14.333	16.37	10.08	7.492	O		I		3.14
14.417	16.18	10.69	7.533	O		I		3.16
14.500	16.15	11.23	7.569	O		I		3.17
14.583	16.15	11.72	7.601	O		I		3.18
14.667	16.15	12.15	7.630	O		I		3.19
14.750	16.16	12.55	7.656	O		I		3.20
14.833	16.04	12.90	7.679	O		I		3.21
14.917	15.74	13.19	7.699	O		I		3.21

15.000	15.63	13.44	7.715	|	|	| O I|	|	3.22
15.083	15.47	13.65	7.729	|	|	| O I |	|	3.22
15.167	15.15	13.81	7.740	|	|	| O I |	|	3.23
15.250	15.03	13.94	7.748	|	|	| O I |	|	3.23
15.333	14.87	14.04	7.755	|	|	| O I |	|	3.23
15.417	14.54	14.10	7.759	|	|	| OI |	|	3.23
15.500	14.41	14.14	7.762	|	|	| OI |	|	3.23
15.583	13.93	14.14	7.762	|	|	| O |	|	3.23
15.667	12.71	14.06	7.757	|	|	| I O |	|	3.23
15.750	12.27	13.91	7.746	|	|	| I O |	|	3.23
15.833	12.08	13.73	7.735	|	|	|I O |	|	3.22
15.917	11.96	13.57	7.724	|	|	|I O |	|	3.22
16.000	11.89	13.40	7.713	|	|	|I O |	|	3.22
16.083	10.25	13.17	7.698	|	| I| O |	|	3.21
16.167	5.79	12.66	7.664	|	I |	O |	|	3.20
16.250	4.20	11.91	7.614	|	I |	O |	|	3.18
16.333	3.51	11.11	7.561	|	I |	O |	|	3.17
16.417	3.11	10.34	7.510	|	I |	O|	|	3.15
16.500	2.85	9.62	7.462	|	I |	O |	|	3.13
16.583	2.58	8.94	7.416	|	I |	O |	|	3.12
16.667	2.17	8.29	7.373	|	I |	O |	|	3.11
16.750	1.98	7.68	7.333	|	I |	O |	|	3.09
16.833	1.93	7.11	7.295	|	I |	O |	|	3.08
16.917	1.90	6.60	7.261	|	I |	O |	|	3.07
17.000	1.89	6.14	7.230	|	I |	O |	|	3.06
17.083	2.09	5.73	7.203	|	I |	O |	|	3.05
17.167	2.67	5.40	7.181	|	I |	O|	|	3.04
17.250	2.87	5.14	7.164	|	I |	O|	|	3.04
17.333	2.97	4.92	7.150	|	I |	O|	|	3.03
17.417	3.02	4.73	7.137	|	I |	O|	|	3.03
17.500	3.05	4.56	7.126	|	I |	O |	|	3.02
17.583	3.08	4.41	7.116	|	I |	O |	|	3.02
17.667	3.09	4.28	7.107	|	I |	O |	|	3.02
17.750	3.10	4.17	7.100	|	I |	O |	|	3.01
17.833	3.00	4.06	7.092	|	I |	O |	|	3.01
17.917	2.70	3.94	7.084	|	I|	O |	|	3.01
18.000	2.60	3.81	7.076	|	I |	O |	|	3.01
18.083	2.55	3.69	7.068	|	I |	O |	|	3.00
18.167	2.52	3.57	7.060	|	I |	O |	|	3.00
18.250	2.51	3.48	7.053	|	I |	O |	|	3.00
18.333	2.50	3.48	7.047	|	I |	O |	|	3.00
18.417	2.49	3.47	7.040	|	I |	O |	|	2.99
18.500	2.48	3.47	7.033	|	I |	O |	|	2.99
18.583	2.38	3.47	7.026	|	I |	O |	|	2.99
18.667	2.08	3.46	7.017	|	I |	O |	|	2.99
18.750	1.98	3.46	7.008	|	I |	O |	|	2.98
18.833	1.82	3.45	6.997	|	I |	O |	|	2.98
18.917	1.50	3.44	6.985	|	I |	O |	|	2.97
19.000	1.38	3.44	6.971	|	I |	O |	|	2.97
19.083	1.43	3.43	6.957	|	I |	O |	|	2.96
19.167	1.69	3.42	6.944	|	I |	O |	|	2.96
19.250	1.77	3.42	6.932	|	I |	O |	|	2.96
19.333	1.91	3.41	6.922	|	I |	O |	|	2.95
19.417	2.23	3.40	6.912	|	I |	O |	|	2.95
19.500	2.34	3.40	6.905	|	I |	O |	|	2.95
19.583	2.29	3.40	6.897	|	I |	O |	|	2.94
19.667	2.03	3.39	6.889	|	I |	O |	|	2.94
19.750	1.95	3.39	6.879	|	I |	O |	|	2.94
19.833	1.81	3.38	6.869	|	I |	O |	|	2.93
19.917	1.49	3.38	6.857	|	I |	O |	|	2.93
20.000	1.38	3.37	6.844	|	I |	O |	|	2.92
20.083	1.43	3.36	6.830	|	I |	O |	|	2.92
20.167	1.69	3.35	6.818	|	I |	O |	|	2.91

20.250	1.77	3.35	6.806	I O				2.91
20.333	1.81	3.34	6.796	I O				2.91
20.417	1.83	3.34	6.785	I O				2.90
20.500	1.84	3.33	6.775	I O				2.90
20.583	1.85	3.33	6.765	I O				2.89
20.667	1.86	3.32	6.755	I O				2.89
20.750	1.86	3.32	6.744	I O				2.89
20.833	1.76	3.31	6.734	I O				2.88
20.917	1.46	3.30	6.722	I O				2.88
21.000	1.36	3.30	6.709	I O				2.87
21.083	1.42	3.29	6.696	I O				2.87
21.167	1.68	3.28	6.684	I O				2.87
21.250	1.77	3.28	6.674	I O				2.86
21.333	1.70	3.27	6.663	I O				2.86
21.417	1.42	3.27	6.651	I O				2.85
21.500	1.33	3.26	6.638	I O				2.85
21.583	1.40	3.25	6.625	I O				2.84
21.667	1.68	3.25	6.613	I O				2.84
21.750	1.77	3.24	6.603	I O				2.84
21.833	1.70	3.24	6.593	I O				2.83
21.917	1.42	3.23	6.581	I O				2.83
22.000	1.33	3.22	6.568	I O				2.82
22.083	1.40	3.22	6.556	I O				2.82
22.167	1.68	3.21	6.544	I O				2.81
22.250	1.77	3.20	6.534	I O				2.81
22.333	1.70	3.20	6.524	I O				2.81
22.417	1.42	3.19	6.513	I O				2.80
22.500	1.33	3.19	6.500	I O				2.80
22.583	1.30	3.18	6.487	I O				2.79
22.667	1.28	3.17	6.474	I O				2.79
22.750	1.27	3.17	6.461	I O				2.78
22.833	1.25	3.16	6.448	I O				2.78
22.917	1.25	3.15	6.435	I O				2.77
23.000	1.24	3.14	6.422	I O				2.77
23.083	1.24	3.14	6.409	I O				2.77
23.167	1.24	3.13	6.396	I O				2.76
23.250	1.24	3.12	6.383	I O				2.76
23.333	1.24	3.12	6.370	I O				2.75
23.417	1.24	3.11	6.357	I O				2.75
23.500	1.24	3.10	6.344	I O				2.74
23.583	1.24	3.10	6.331	I O				2.74
23.667	1.24	3.09	6.318	I O				2.73
23.750	1.24	3.08	6.306	I O				2.73
23.833	1.24	3.08	6.293	I O				2.72
23.917	1.24	3.07	6.280	I O				2.72
24.000	1.24	3.06	6.268	I O				2.71
24.083	1.03	3.06	6.255	I O				2.71
24.167	0.44	3.05	6.239	I O				2.70
24.250	0.23	3.04	6.220	I O				2.70
24.333	0.14	3.03	6.200	I O				2.69
24.417	0.08	3.02	6.180	I O				2.68
24.500	0.05	3.01	6.160	I O				2.67
24.583	0.03	2.99	6.140	I O				2.67
24.667	0.01	2.98	6.119	I O				2.66
24.750	0.00	2.97	6.099	I O				2.65
24.833	0.00	2.96	6.078	I O				2.65
24.917	0.00	2.95	6.058	I O				2.64
25.000	0.00	2.94	6.038	I O				2.63
25.083	0.00	2.93	6.017	I O				2.62
25.167	0.00	2.92	5.997	I O				2.62
25.250	0.00	2.91	5.977	I O				2.61
25.333	0.00	2.90	5.957	I O				2.60
25.417	0.00	2.89	5.937	I O				2.59

25.500	0.00	2.88	5.917	I	O					2.59
25.583	0.00	2.87	5.898	I	O					2.58
25.667	0.00	2.86	5.878	I	O					2.57
25.750	0.00	2.85	5.858	I	O					2.57
25.833	0.00	2.83	5.839	I	O					2.56
25.917	0.00	2.82	5.819	I	O					2.55
26.000	0.00	2.81	5.800	I	O					2.54
26.083	0.00	2.80	5.781	I	O					2.54
26.167	0.00	2.79	5.761	I	O					2.53
26.250	0.00	2.78	5.742	I	O					2.52
26.333	0.00	2.77	5.723	I	O					2.52
26.417	0.00	2.76	5.704	I	O					2.51
26.500	0.00	2.75	5.685	I	O					2.50
26.583	0.00	2.74	5.666	I	O					2.50
26.667	0.00	2.73	5.647	I	O					2.49
26.750	0.00	2.72	5.628	I	O					2.48
26.833	0.00	2.71	5.610	I	O					2.47
26.917	0.00	2.70	5.591	I	O					2.47
27.000	0.00	2.69	5.572	I	O					2.46
27.083	0.00	2.68	5.554	I	O					2.45
27.167	0.00	2.67	5.535	I	O					2.45
27.250	0.00	2.66	5.517	I	O					2.44
27.333	0.00	2.65	5.499	I	O					2.43
27.417	0.00	2.64	5.480	I	O					2.43
27.500	0.00	2.63	5.462	I	O					2.42
27.583	0.00	2.63	5.444	I	O					2.41
27.667	0.00	2.62	5.426	I	O					2.41
27.750	0.00	2.61	5.408	I	O					2.40
27.833	0.00	2.60	5.390	I	O					2.39
27.917	0.00	2.59	5.372	I	O					2.39
28.000	0.00	2.58	5.355	I	O					2.38
28.083	0.00	2.57	5.337	I	O					2.38
28.167	0.00	2.56	5.319	I	O					2.37
28.250	0.00	2.55	5.302	I	O					2.36
28.333	0.00	2.54	5.284	I	O					2.36
28.417	0.00	2.53	5.267	I	O					2.35
28.500	0.00	2.52	5.249	I	O					2.34
28.583	0.00	2.51	5.232	I	O					2.34
28.667	0.00	2.50	5.215	I	O					2.33
28.750	0.00	2.49	5.197	I	O					2.32
28.833	0.00	2.49	5.180	I	O					2.32
28.917	0.00	2.48	5.163	I	O					2.31
29.000	0.00	2.47	5.146	I	O					2.31
29.083	0.00	2.46	5.129	I	O					2.30
29.167	0.00	2.45	5.112	I	O					2.29
29.250	0.00	2.44	5.095	I	O					2.29
29.333	0.00	2.43	5.079	I	O					2.28
29.417	0.00	2.42	5.062	I	O					2.28
29.500	0.00	2.41	5.045	I	O					2.27
29.583	0.00	2.40	5.029	I	O					2.26
29.667	0.00	2.40	5.012	I	O					2.26
29.750	0.00	2.39	4.996	I	O					2.25
29.833	0.00	2.38	4.979	I	O					2.25
29.917	0.00	2.37	4.963	I	O					2.24
30.000	0.00	2.36	4.947	I	O					2.23
30.083	0.00	2.35	4.930	I	O					2.23
30.167	0.00	2.34	4.914	I	O					2.22
30.250	0.00	2.34	4.898	I	O					2.22
30.333	0.00	2.33	4.882	I	O					2.21
30.417	0.00	2.32	4.866	I	O					2.20
30.500	0.00	2.31	4.850	I	O					2.20
30.583	0.00	2.30	4.834	I	O					2.19
30.667	0.00	2.29	4.818	I	O					2.19

30.750	0.00	2.28	4.803	I	O				2.18
30.833	0.00	2.28	4.787	I	O				2.18
30.917	0.00	2.27	4.771	I	O				2.17
31.000	0.00	2.26	4.756	I	O				2.16
31.083	0.00	2.25	4.740	I	O				2.16
31.167	0.00	2.24	4.725	I	O				2.15
31.250	0.00	2.24	4.709	I	O				2.15
31.333	0.00	2.23	4.694	I	O				2.14
31.417	0.00	2.22	4.679	I	O				2.14
31.500	0.00	2.21	4.663	I	O				2.13
31.583	0.00	2.20	4.648	I	O				2.13
31.667	0.00	2.19	4.633	I	O				2.12
31.750	0.00	2.19	4.618	I	O				2.11
31.833	0.00	2.18	4.603	I	O				2.11
31.917	0.00	2.17	4.588	I	O				2.10
32.000	0.00	2.16	4.573	I	O				2.10
32.083	0.00	2.15	4.558	I	O				2.09
32.167	0.00	2.15	4.543	I	O				2.09
32.250	0.00	2.14	4.529	I	O				2.08
32.333	0.00	2.13	4.514	I	O				2.08
32.417	0.00	2.12	4.499	I	O				2.07
32.500	0.00	2.12	4.485	I	O				2.07
32.583	0.00	2.11	4.470	I	O				2.06
32.667	0.00	2.10	4.456	I	O				2.06
32.750	0.00	2.09	4.441	I	O				2.05
32.833	0.00	2.09	4.427	I	O				2.04
32.917	0.00	2.08	4.412	I	O				2.04
33.000	0.00	2.07	4.398	I	O				2.03
33.083	0.00	2.06	4.384	I	O				2.03
33.167	0.00	2.05	4.370	I	O				2.02
33.250	0.00	2.05	4.356	I	O				2.02
33.333	0.00	2.04	4.342	I	O				2.01
33.417	0.00	2.03	4.328	I	O				2.01
33.500	0.00	2.03	4.314	I	O				2.00
33.583	0.00	2.02	4.300	I	O				2.00
33.667	0.00	2.02	4.286	I	O				1.99
33.750	0.00	2.02	4.272	I	O				1.99
33.833	0.00	2.02	4.258	I	O				1.98
33.917	0.00	2.01	4.244	I	O				1.97
34.000	0.00	2.01	4.230	I	O				1.97
34.083	0.00	2.01	4.216	I	O				1.96
34.167	0.00	2.01	4.202	I	O				1.96
34.250	0.00	2.01	4.189	I	O				1.95
34.333	0.00	2.01	4.175	I	O				1.95
34.417	0.00	2.01	4.161	I	O				1.94
34.500	0.00	2.01	4.147	I	O				1.93
34.583	0.00	2.00	4.133	I	O				1.93
34.667	0.00	2.00	4.120	I	O				1.92
34.750	0.00	2.00	4.106	I	O				1.92
34.833	0.00	2.00	4.092	I	O				1.91
34.917	0.00	2.00	4.078	I	O				1.90
35.000	0.00	2.00	4.064	I	O				1.90
35.083	0.00	2.00	4.051	I	O				1.89
35.167	0.00	2.00	4.037	I	O				1.89
35.250	0.00	1.99	4.023	I	O				1.88
35.333	0.00	1.99	4.009	I	O				1.87
35.417	0.00	1.99	3.996	I	O				1.87
35.500	0.00	1.99	3.982	I	O				1.86
35.583	0.00	1.99	3.968	I	O				1.86
35.667	0.00	1.99	3.955	I	O				1.85
35.750	0.00	1.99	3.941	I	O				1.85
35.833	0.00	1.98	3.927	I	O				1.84
35.917	0.00	1.98	3.914	I	O				1.83

36.000	0.00	1.98	3.900	I O				1.83
36.083	0.00	1.98	3.886	I O				1.82
36.167	0.00	1.98	3.873	I O				1.82
36.250	0.00	1.98	3.859	I O				1.81
36.333	0.00	1.98	3.845	I O				1.81
36.417	0.00	1.98	3.832	I O				1.80
36.500	0.00	1.97	3.818	I O				1.79
36.583	0.00	1.97	3.805	I O				1.79
36.667	0.00	1.97	3.791	I O				1.78
36.750	0.00	1.97	3.777	I O				1.78
36.833	0.00	1.97	3.764	I O				1.77
36.917	0.00	1.97	3.750	I O				1.77
37.000	0.00	1.97	3.737	I O				1.76
37.083	0.00	1.97	3.723	I O				1.75
37.167	0.00	1.96	3.710	I O				1.75
37.250	0.00	1.96	3.696	I O				1.74
37.333	0.00	1.96	3.683	I O				1.74
37.417	0.00	1.96	3.669	I O				1.73
37.500	0.00	1.96	3.656	I O				1.72
37.583	0.00	1.96	3.642	I O				1.72
37.667	0.00	1.96	3.629	I O				1.71
37.750	0.00	1.96	3.615	I O				1.71
37.833	0.00	1.95	3.602	I O				1.70
37.917	0.00	1.95	3.588	I O				1.70
38.000	0.00	1.95	3.575	I O				1.69
38.083	0.00	1.95	3.561	I O				1.68
38.167	0.00	1.95	3.548	I O				1.68
38.250	0.00	1.95	3.535	I O				1.67
38.333	0.00	1.95	3.521	I O				1.67
38.417	0.00	1.95	3.508	I O				1.66
38.500	0.00	1.94	3.494	I O				1.66
38.583	0.00	1.94	3.481	I O				1.65
38.667	0.00	1.94	3.468	I O				1.64
38.750	0.00	1.94	3.454	I O				1.64
38.833	0.00	1.94	3.441	I O				1.63
38.917	0.00	1.94	3.427	I O				1.63
39.000	0.00	1.94	3.414	I O				1.62
39.083	0.00	1.94	3.401	I O				1.62
39.167	0.00	1.93	3.387	I O				1.61
39.250	0.00	1.93	3.374	I O				1.61
39.333	0.00	1.93	3.361	I O				1.60
39.417	0.00	1.93	3.348	I O				1.59
39.500	0.00	1.93	3.334	I O				1.59
39.583	0.00	1.93	3.321	I O				1.58
39.667	0.00	1.93	3.308	I O				1.58
39.750	0.00	1.93	3.294	I O				1.57
39.833	0.00	1.92	3.281	I O				1.57
39.917	0.00	1.92	3.268	I O				1.56
40.000	0.00	1.92	3.255	I O				1.55
40.083	0.00	1.92	3.241	I O				1.55
40.167	0.00	1.92	3.228	I O				1.54
40.250	0.00	1.92	3.215	I O				1.54
40.333	0.00	1.92	3.202	I O				1.53
40.417	0.00	1.92	3.189	I O				1.53
40.500	0.00	1.91	3.175	I O				1.52
40.583	0.00	1.91	3.162	I O				1.52
40.667	0.00	1.91	3.149	I O				1.51
40.750	0.00	1.91	3.136	I O				1.50
40.833	0.00	1.91	3.123	I O				1.50
40.917	0.00	1.91	3.110	I O				1.49
41.000	0.00	1.91	3.096	I O				1.49
41.083	0.00	1.91	3.083	I O				1.48
41.167	0.00	1.90	3.070	I O				1.48

41.250	0.00	1.90	3.057	I O				1.47
41.333	0.00	1.90	3.044	I O				1.47
41.417	0.00	1.90	3.031	I O				1.46
41.500	0.00	1.90	3.018	I O				1.45
41.583	0.00	1.90	3.005	I O				1.45
41.667	0.00	1.90	2.992	I O				1.44
41.750	0.00	1.90	2.979	I O				1.44
41.833	0.00	1.90	2.966	I O				1.43
41.917	0.00	1.89	2.952	I O				1.43
42.000	0.00	1.89	2.939	I O				1.42
42.083	0.00	1.89	2.926	I O				1.42
42.167	0.00	1.89	2.913	I O				1.41
42.250	0.00	1.89	2.900	I O				1.40
42.333	0.00	1.89	2.887	I O				1.40
42.417	0.00	1.89	2.874	I O				1.39
42.500	0.00	1.89	2.861	I O				1.39
42.583	0.00	1.88	2.848	I O				1.38
42.667	0.00	1.88	2.835	I O				1.38
42.750	0.00	1.88	2.822	I O				1.37
42.833	0.00	1.88	2.810	I O				1.37
42.917	0.00	1.88	2.797	I O				1.36
43.000	0.00	1.88	2.784	I O				1.35
43.083	0.00	1.88	2.771	I O				1.35
43.167	0.00	1.88	2.758	I O				1.34
43.250	0.00	1.87	2.745	I O				1.34
43.333	0.00	1.87	2.732	I O				1.33
43.417	0.00	1.87	2.719	I O				1.33
43.500	0.00	1.87	2.706	I O				1.32
43.583	0.00	1.87	2.693	I O				1.32
43.667	0.00	1.87	2.680	I O				1.31
43.750	0.00	1.87	2.668	I O				1.31
43.833	0.00	1.87	2.655	I O				1.30
43.917	0.00	1.86	2.642	I O				1.29
44.000	0.00	1.86	2.629	I O				1.29
44.083	0.00	1.86	2.616	I O				1.28
44.167	0.00	1.86	2.603	I O				1.28
44.250	0.00	1.86	2.591	I O				1.27
44.333	0.00	1.86	2.578	I O				1.27
44.417	0.00	1.86	2.565	I O				1.26
44.500	0.00	1.86	2.552	I O				1.26
44.583	0.00	1.86	2.539	I O				1.25
44.667	0.00	1.85	2.527	I O				1.25
44.750	0.00	1.85	2.514	I O				1.24
44.833	0.00	1.85	2.501	I O				1.23
44.917	0.00	1.85	2.488	I O				1.23
45.000	0.00	1.85	2.476	I O				1.22
45.083	0.00	1.85	2.463	I O				1.22
45.167	0.00	1.85	2.450	I O				1.21
45.250	0.00	1.85	2.437	I O				1.21
45.333	0.00	1.84	2.425	I O				1.20
45.417	0.00	1.84	2.412	I O				1.20
45.500	0.00	1.84	2.399	I O				1.19
45.583	0.00	1.84	2.387	I O				1.19
45.667	0.00	1.84	2.374	I O				1.18
45.750	0.00	1.84	2.361	I O				1.18
45.833	0.00	1.84	2.349	I O				1.17
45.917	0.00	1.84	2.336	I O				1.16
46.000	0.00	1.84	2.323	I O				1.16
46.083	0.00	1.83	2.311	I O				1.15
46.167	0.00	1.83	2.298	I O				1.15
46.250	0.00	1.83	2.285	I O				1.14
46.333	0.00	1.83	2.273	I O				1.14
46.417	0.00	1.83	2.260	I O				1.13

46.500	0.00	1.83	2.248	I O	|	|	|	1.13
46.583	0.00	1.83	2.235	I O	|	|	|	1.12
46.667	0.00	1.83	2.223	I O	|	|	|	1.12
46.750	0.00	1.82	2.210	I O	|	|	|	1.11
46.833	0.00	1.82	2.197	I O	|	|	|	1.11
46.917	0.00	1.82	2.185	I O	|	|	|	1.10
47.000	0.00	1.82	2.172	I O	|	|	|	1.10
47.083	0.00	1.82	2.160	I O	|	|	|	1.09
47.167	0.00	1.82	2.147	I O	|	|	|	1.08
47.250	0.00	1.82	2.135	I O	|	|	|	1.08
47.333	0.00	1.82	2.122	I O	|	|	|	1.07
47.417	0.00	1.82	2.110	I O	|	|	|	1.07
47.500	0.00	1.81	2.097	I O	|	|	|	1.06
47.583	0.00	1.81	2.085	I O	|	|	|	1.06
47.667	0.00	1.81	2.072	I O	|	|	|	1.05
47.750	0.00	1.81	2.060	I O	|	|	|	1.05
47.833	0.00	1.81	2.047	I O	|	|	|	1.04
47.917	0.00	1.81	2.035	I O	|	|	|	1.04
48.000	0.00	1.81	2.022	I O	|	|	|	1.03
48.083	0.00	1.81	2.010	I O	|	|	|	1.03
48.167	0.00	1.80	1.998	I O	|	|	|	1.02
48.250	0.00	1.80	1.985	I O	|	|	|	1.02
48.333	0.00	1.80	1.973	I O	|	|	|	1.01
48.417	0.00	1.80	1.960	I O	|	|	|	1.01
48.500	0.00	1.80	1.948	I O	|	|	|	1.00
48.583	0.00	1.79	1.935	I O	|	|	|	0.99
48.667	0.00	1.78	1.923	I O	|	|	|	0.99
48.750	0.00	1.77	1.911	I O	|	|	|	0.98
48.833	0.00	1.75	1.899	I O	|	|	|	0.97
48.917	0.00	1.74	1.887	I O	|	|	|	0.97
49.000	0.00	1.73	1.875	I O	|	|	|	0.96
49.083	0.00	1.72	1.863	I O	|	|	|	0.96
49.167	0.00	1.71	1.851	I O	|	|	|	0.95
49.250	0.00	1.70	1.839	I O	|	|	|	0.94
49.333	0.00	1.69	1.828	I O	|	|	|	0.94
49.417	0.00	1.68	1.816	I O	|	|	|	0.93
49.500	0.00	1.67	1.805	I O	|	|	|	0.93
49.583	0.00	1.66	1.793	I O	|	|	|	0.92
49.667	0.00	1.65	1.782	I O	|	|	|	0.91
49.750	0.00	1.64	1.771	I O	|	|	|	0.91
49.833	0.00	1.63	1.759	I O	|	|	|	0.90
49.917	0.00	1.62	1.748	I O	|	|	|	0.90
50.000	0.00	1.61	1.737	I O	|	|	|	0.89
50.083	0.00	1.59	1.726	I O	|	|	|	0.89
50.167	0.00	1.58	1.715	I O	|	|	|	0.88
50.250	0.00	1.57	1.704	I O	|	|	|	0.87
50.333	0.00	1.56	1.693	I O	|	|	|	0.87
50.417	0.00	1.55	1.683	I O	|	|	|	0.86
50.500	0.00	1.54	1.672	I O	|	|	|	0.86
50.583	0.00	1.54	1.661	I O	|	|	|	0.85
50.667	0.00	1.53	1.651	I O	|	|	|	0.85
50.750	0.00	1.52	1.640	I O	|	|	|	0.84
50.833	0.00	1.51	1.630	I O	|	|	|	0.84
50.917	0.00	1.50	1.620	I O	|	|	|	0.83
51.000	0.00	1.49	1.609	I O	|	|	|	0.83
51.083	0.00	1.48	1.599	I O	|	|	|	0.82
51.167	0.00	1.47	1.589	I O	|	|	|	0.82
51.250	0.00	1.46	1.579	I O	|	|	|	0.81
51.333	0.00	1.45	1.569	I O	|	|	|	0.81
51.417	0.00	1.44	1.559	I O	|	|	|	0.80
51.500	0.00	1.43	1.549	I O	|	|	|	0.80
51.583	0.00	1.42	1.539	I O	|	|	|	0.79
51.667	0.00	1.41	1.529	I O	|	|	|	0.79

51.750	0.00	1.40	1.520	I O				0.78
51.833	0.00	1.40	1.510	I O				0.78
51.917	0.00	1.39	1.501	I O				0.77
52.000	0.00	1.38	1.491	I O				0.77
52.083	0.00	1.37	1.482	I O				0.76
52.167	0.00	1.36	1.472	I O				0.76
52.250	0.00	1.35	1.463	I O				0.75
52.333	0.00	1.34	1.454	IO				0.75
52.417	0.00	1.33	1.444	IO				0.74
52.500	0.00	1.33	1.435	IO				0.74
52.583	0.00	1.32	1.426	IO				0.73
52.667	0.00	1.31	1.417	IO				0.73
52.750	0.00	1.30	1.408	IO				0.72
52.833	0.00	1.29	1.399	IO				0.72
52.917	0.00	1.28	1.390	IO				0.71
53.000	0.00	1.28	1.381	IO				0.71
53.083	0.00	1.27	1.373	IO				0.70
53.167	0.00	1.26	1.364	IO				0.70
53.250	0.00	1.25	1.355	IO				0.70
53.333	0.00	1.24	1.347	IO				0.69
53.417	0.00	1.24	1.338	IO				0.69
53.500	0.00	1.23	1.330	IO				0.68
53.583	0.00	1.22	1.321	IO				0.68
53.667	0.00	1.21	1.313	IO				0.67
53.750	0.00	1.21	1.304	IO				0.67
53.833	0.00	1.20	1.296	IO				0.67
53.917	0.00	1.19	1.288	IO				0.66
54.000	0.00	1.18	1.280	IO				0.66
54.083	0.00	1.18	1.272	IO				0.65
54.167	0.00	1.17	1.264	IO				0.65
54.250	0.00	1.16	1.256	IO				0.64
54.333	0.00	1.15	1.248	IO				0.64
54.417	0.00	1.15	1.240	IO				0.64
54.500	0.00	1.14	1.232	IO				0.63
54.583	0.00	1.13	1.224	IO				0.63
54.667	0.00	1.12	1.216	IO				0.62
54.750	0.00	1.12	1.209	IO				0.62
54.833	0.00	1.11	1.201	IO				0.62
54.917	0.00	1.10	1.193	IO				0.61
55.000	0.00	1.10	1.186	IO				0.61
55.083	0.00	1.09	1.178	IO				0.60
55.167	0.00	1.08	1.171	IO				0.60
55.250	0.00	1.07	1.163	IO				0.60
55.333	0.00	1.07	1.156	IO				0.59
55.417	0.00	1.06	1.149	IO				0.59
55.500	0.00	1.05	1.141	IO				0.59
55.583	0.00	1.05	1.134	IO				0.58
55.667	0.00	1.04	1.127	IO				0.58
55.750	0.00	1.03	1.120	IO				0.57
55.833	0.00	1.03	1.113	IO				0.57
55.917	0.00	1.02	1.106	IO				0.57
56.000	0.00	1.02	1.099	IO				0.56
56.083	0.00	1.01	1.092	IO				0.56
56.167	0.00	1.00	1.085	IO				0.56
56.250	0.00	1.00	1.078	IO				0.55
56.333	0.00	0.99	1.071	IO				0.55
56.417	0.00	0.98	1.064	IO				0.55
56.500	0.00	0.98	1.057	IO				0.54
56.583	0.00	0.97	1.051	IO				0.54
56.667	0.00	0.96	1.044	IO				0.54
56.750	0.00	0.96	1.037	IO				0.53
56.833	0.00	0.95	1.031	IO				0.53
56.917	0.00	0.95	1.024	IO				0.53

57.000	0.00	0.94	1.018	IO				0.52
57.083	0.00	0.93	1.011	IO				0.52
57.167	0.00	0.93	1.005	IO				0.52
57.250	0.00	0.92	0.999	IO				0.51
57.333	0.00	0.92	0.992	IO				0.51
57.417	0.00	0.91	0.986	IO				0.51
57.500	0.00	0.91	0.980	IO				0.50
57.583	0.00	0.90	0.973	IO				0.50
57.667	0.00	0.89	0.967	IO				0.50
57.750	0.00	0.89	0.961	IO				0.49
57.833	0.00	0.88	0.955	IO				0.49
57.917	0.00	0.88	0.949	IO				0.49
58.000	0.00	0.87	0.943	IO				0.48
58.083	0.00	0.87	0.937	IO				0.48
58.167	0.00	0.86	0.931	IO				0.48
58.250	0.00	0.85	0.925	IO				0.47
58.333	0.00	0.85	0.919	IO				0.47
58.417	0.00	0.84	0.913	IO				0.47
58.500	0.00	0.84	0.908	IO				0.47
58.583	0.00	0.83	0.902	IO				0.46
58.667	0.00	0.83	0.896	IO				0.46
58.750	0.00	0.82	0.890	IO				0.46
58.833	0.00	0.82	0.885	IO				0.45
58.917	0.00	0.81	0.879	IO				0.45
59.000	0.00	0.81	0.874	IO				0.45
59.083	0.00	0.80	0.868	IO				0.45
59.167	0.00	0.80	0.863	IO				0.44
59.250	0.00	0.79	0.857	IO				0.44
59.333	0.00	0.79	0.852	IO				0.44
59.417	0.00	0.78	0.846	IO				0.43
59.500	0.00	0.78	0.841	IO				0.43
59.583	0.00	0.77	0.836	IO				0.43
59.667	0.00	0.77	0.830	IO				0.43
59.750	0.00	0.76	0.825	IO				0.42
59.833	0.00	0.76	0.820	IO				0.42
59.917	0.00	0.75	0.815	IO				0.42
60.000	0.00	0.75	0.809	IO				0.42
60.083	0.00	0.74	0.804	IO				0.41
60.167	0.00	0.74	0.799	IO				0.41
60.250	0.00	0.73	0.794	IO				0.41
60.333	0.00	0.73	0.789	IO				0.41
60.417	0.00	0.72	0.784	IO				0.40
60.500	0.00	0.72	0.779	IO				0.40
60.583	0.00	0.72	0.774	IO				0.40
60.667	0.00	0.71	0.769	IO				0.39
60.750	0.00	0.71	0.764	IO				0.39
60.833	0.00	0.70	0.759	IO				0.39
60.917	0.00	0.70	0.755	IO				0.39
61.000	0.00	0.69	0.750	IO				0.38
61.083	0.00	0.69	0.745	IO				0.38
61.167	0.00	0.68	0.740	IO				0.38
61.250	0.00	0.68	0.736	IO				0.38
61.333	0.00	0.68	0.731	IO				0.38
61.417	0.00	0.67	0.726	O				0.37
61.500	0.00	0.67	0.722	O				0.37
61.583	0.00	0.66	0.717	O				0.37
61.667	0.00	0.66	0.713	O				0.37
61.750	0.00	0.65	0.708	O				0.36
61.833	0.00	0.65	0.704	O				0.36
61.917	0.00	0.65	0.699	O				0.36
62.000	0.00	0.64	0.695	O				0.36
62.083	0.00	0.64	0.690	O				0.35
62.167	0.00	0.63	0.686	O				0.35

62.250	0.00	0.63	0.682	O				0.35
62.333	0.00	0.63	0.677	O				0.35
62.417	0.00	0.62	0.673	O				0.35
62.500	0.00	0.62	0.669	O				0.34
62.583	0.00	0.61	0.664	O				0.34
62.667	0.00	0.61	0.660	O				0.34
62.750	0.00	0.61	0.656	O				0.34
62.833	0.00	0.60	0.652	O				0.33
62.917	0.00	0.60	0.648	O				0.33
63.000	0.00	0.59	0.644	O				0.33
63.083	0.00	0.59	0.640	O				0.33
63.167	0.00	0.59	0.636	O				0.33
63.250	0.00	0.58	0.631	O				0.32
63.333	0.00	0.58	0.627	O				0.32
63.417	0.00	0.58	0.624	O				0.32
63.500	0.00	0.57	0.620	O				0.32
63.583	0.00	0.57	0.616	O				0.32
63.667	0.00	0.57	0.612	O				0.31
63.750	0.00	0.56	0.608	O				0.31
63.833	0.00	0.56	0.604	O				0.31
63.917	0.00	0.55	0.600	O				0.31
64.000	0.00	0.55	0.596	O				0.31
64.083	0.00	0.55	0.593	O				0.30
64.167	0.00	0.54	0.589	O				0.30
64.250	0.00	0.54	0.585	O				0.30
64.333	0.00	0.54	0.581	O				0.30
64.417	0.00	0.53	0.578	O				0.30
64.500	0.00	0.53	0.574	O				0.29
64.583	0.00	0.53	0.570	O				0.29
64.667	0.00	0.52	0.567	O				0.29
64.750	0.00	0.52	0.563	O				0.29
64.833	0.00	0.52	0.560	O				0.29
64.917	0.00	0.51	0.556	O				0.29
65.000	0.00	0.51	0.552	O				0.28
65.083	0.00	0.51	0.549	O				0.28
65.167	0.00	0.50	0.546	O				0.28
65.250	0.00	0.50	0.542	O				0.28
65.333	0.00	0.50	0.539	O				0.28
65.417	0.00	0.49	0.535	O				0.27
65.500	0.00	0.49	0.532	O				0.27
65.583	0.00	0.49	0.528	O				0.27
65.667	0.00	0.49	0.525	O				0.27
65.750	0.00	0.48	0.522	O				0.27
65.833	0.00	0.48	0.518	O				0.27
65.917	0.00	0.48	0.515	O				0.26
66.000	0.00	0.47	0.512	O				0.26
66.083	0.00	0.47	0.509	O				0.26
66.167	0.00	0.47	0.505	O				0.26
66.250	0.00	0.46	0.502	O				0.26
66.333	0.00	0.46	0.499	O				0.26
66.417	0.00	0.46	0.496	O				0.25
66.500	0.00	0.46	0.493	O				0.25
66.583	0.00	0.45	0.490	O				0.25
66.667	0.00	0.45	0.486	O				0.25
66.750	0.00	0.45	0.483	O				0.25
66.833	0.00	0.44	0.480	O				0.25
66.917	0.00	0.44	0.477	O				0.25
67.000	0.00	0.44	0.474	O				0.24
67.083	0.00	0.44	0.471	O				0.24
67.167	0.00	0.43	0.468	O				0.24
67.250	0.00	0.43	0.465	O				0.24
67.333	0.00	0.43	0.462	O				0.24
67.417	0.00	0.42	0.459	O				0.24

67.500	0.00	0.42	0.456	O				0.23
67.583	0.00	0.42	0.454	O				0.23
67.667	0.00	0.42	0.451	O				0.23
67.750	0.00	0.41	0.448	O				0.23
67.833	0.00	0.41	0.445	O				0.23
67.917	0.00	0.41	0.442	O				0.23
68.000	0.00	0.41	0.439	O				0.23
68.083	0.00	0.40	0.437	O				0.22
68.167	0.00	0.40	0.434	O				0.22
68.250	0.00	0.40	0.431	O				0.22
68.333	0.00	0.40	0.428	O				0.22
68.417	0.00	0.39	0.426	O				0.22
68.500	0.00	0.39	0.423	O				0.22
68.583	0.00	0.39	0.420	O				0.22
68.667	0.00	0.39	0.418	O				0.21
68.750	0.00	0.38	0.415	O				0.21
68.833	0.00	0.38	0.412	O				0.21
68.917	0.00	0.38	0.410	O				0.21
69.000	0.00	0.38	0.407	O				0.21
69.083	0.00	0.37	0.404	O				0.21
69.167	0.00	0.37	0.402	O				0.21
69.250	0.00	0.37	0.399	O				0.21
69.333	0.00	0.37	0.397	O				0.20
69.417	0.00	0.36	0.394	O				0.20
69.500	0.00	0.36	0.392	O				0.20
69.583	0.00	0.36	0.389	O				0.20
69.667	0.00	0.36	0.387	O				0.20
69.750	0.00	0.36	0.384	O				0.20
69.833	0.00	0.35	0.382	O				0.20
69.917	0.00	0.35	0.380	O				0.19
70.000	0.00	0.35	0.377	O				0.19
70.083	0.00	0.35	0.375	O				0.19
70.167	0.00	0.34	0.372	O				0.19
70.250	0.00	0.34	0.370	O				0.19
70.333	0.00	0.34	0.368	O				0.19
70.417	0.00	0.34	0.365	O				0.19
70.500	0.00	0.34	0.363	O				0.19
70.583	0.00	0.33	0.361	O				0.19
70.667	0.00	0.33	0.358	O				0.18
70.750	0.00	0.33	0.356	O				0.18
70.833	0.00	0.33	0.354	O				0.18
70.917	0.00	0.32	0.352	O				0.18
71.000	0.00	0.32	0.349	O				0.18
71.083	0.00	0.32	0.347	O				0.18
71.167	0.00	0.32	0.345	O				0.18
71.250	0.00	0.32	0.343	O				0.18
71.333	0.00	0.31	0.341	O				0.17
71.417	0.00	0.31	0.338	O				0.17
71.500	0.00	0.31	0.336	O				0.17
71.583	0.00	0.31	0.334	O				0.17
71.667	0.00	0.31	0.332	O				0.17
71.750	0.00	0.30	0.330	O				0.17
71.833	0.00	0.30	0.328	O				0.17
71.917	0.00	0.30	0.326	O				0.17
72.000	0.00	0.30	0.324	O				0.17
72.083	0.00	0.30	0.322	O				0.17
72.167	0.00	0.30	0.320	O				0.16
72.250	0.00	0.29	0.318	O				0.16
72.333	0.00	0.29	0.316	O				0.16
72.417	0.00	0.29	0.314	O				0.16
72.500	0.00	0.29	0.312	O				0.16
72.583	0.00	0.29	0.310	O				0.16
72.667	0.00	0.28	0.308	O				0.16

72.750	0.00	0.28	0.306	O				0.16
72.833	0.00	0.28	0.304	O				0.16
72.917	0.00	0.28	0.302	O				0.15
73.000	0.00	0.28	0.300	O				0.15
73.083	0.00	0.28	0.298	O				0.15
73.167	0.00	0.27	0.296	O				0.15
73.250	0.00	0.27	0.294	O				0.15
73.333	0.00	0.27	0.292	O				0.15
73.417	0.00	0.27	0.291	O				0.15
73.500	0.00	0.27	0.289	O				0.15
73.583	0.00	0.27	0.287	O				0.15
73.667	0.00	0.26	0.285	O				0.15
73.750	0.00	0.26	0.283	O				0.15
73.833	0.00	0.26	0.281	O				0.14
73.917	0.00	0.26	0.280	O				0.14
74.000	0.00	0.26	0.278	O				0.14
74.083	0.00	0.26	0.276	O				0.14
74.167	0.00	0.25	0.274	O				0.14
74.250	0.00	0.25	0.273	O				0.14
74.333	0.00	0.25	0.271	O				0.14
74.417	0.00	0.25	0.269	O				0.14
74.500	0.00	0.25	0.267	O				0.14
74.583	0.00	0.25	0.266	O				0.14
74.667	0.00	0.24	0.264	O				0.14
74.750	0.00	0.24	0.262	O				0.13
74.833	0.00	0.24	0.261	O				0.13
74.917	0.00	0.24	0.259	O				0.13
75.000	0.00	0.24	0.257	O				0.13
75.083	0.00	0.24	0.256	O				0.13
75.167	0.00	0.23	0.254	O				0.13
75.250	0.00	0.23	0.253	O				0.13
75.333	0.00	0.23	0.251	O				0.13
75.417	0.00	0.23	0.249	O				0.13
75.500	0.00	0.23	0.248	O				0.13
75.583	0.00	0.23	0.246	O				0.13
75.667	0.00	0.23	0.245	O				0.13
75.750	0.00	0.22	0.243	O				0.12
75.833	0.00	0.22	0.242	O				0.12
75.917	0.00	0.22	0.240	O				0.12
76.000	0.00	0.22	0.239	O				0.12
76.083	0.00	0.22	0.237	O				0.12
76.167	0.00	0.22	0.235	O				0.12
76.250	0.00	0.22	0.234	O				0.12
76.333	0.00	0.21	0.233	O				0.12
76.417	0.00	0.21	0.231	O				0.12
76.500	0.00	0.21	0.230	O				0.12
76.583	0.00	0.21	0.228	O				0.12
76.667	0.00	0.21	0.227	O				0.12
76.750	0.00	0.21	0.225	O				0.12
76.833	0.00	0.21	0.224	O				0.11
76.917	0.00	0.21	0.222	O				0.11
77.000	0.00	0.20	0.221	O				0.11
77.083	0.00	0.20	0.220	O				0.11
77.167	0.00	0.20	0.218	O				0.11
77.250	0.00	0.20	0.217	O				0.11
77.333	0.00	0.20	0.215	O				0.11
77.417	0.00	0.20	0.214	O				0.11
77.500	0.00	0.20	0.213	O				0.11
77.583	0.00	0.20	0.211	O				0.11
77.667	0.00	0.19	0.210	O				0.11
77.750	0.00	0.19	0.209	O				0.11
77.833	0.00	0.19	0.207	O				0.11
77.917	0.00	0.19	0.206	O				0.11

78.000	0.00	0.19	0.205	O				0.11
78.083	0.00	0.19	0.203	O				0.10
78.167	0.00	0.19	0.202	O				0.10
78.250	0.00	0.19	0.201	O				0.10
78.333	0.00	0.18	0.200	O				0.10
78.417	0.00	0.18	0.198	O				0.10
78.500	0.00	0.18	0.197	O				0.10
78.583	0.00	0.18	0.196	O				0.10
78.667	0.00	0.18	0.195	O				0.10
78.750	0.00	0.18	0.193	O				0.10
78.833	0.00	0.18	0.192	O				0.10
78.917	0.00	0.18	0.191	O				0.10
79.000	0.00	0.18	0.190	O				0.10
79.083	0.00	0.17	0.188	O				0.10
79.167	0.00	0.17	0.187	O				0.10
79.250	0.00	0.17	0.186	O				0.10
79.333	0.00	0.17	0.185	O				0.09
79.417	0.00	0.17	0.184	O				0.09
79.500	0.00	0.17	0.183	O				0.09
79.583	0.00	0.17	0.181	O				0.09
79.667	0.00	0.17	0.180	O				0.09
79.750	0.00	0.17	0.179	O				0.09
79.833	0.00	0.16	0.178	O				0.09
79.917	0.00	0.16	0.177	O				0.09
80.000	0.00	0.16	0.176	O				0.09
80.083	0.00	0.16	0.175	O				0.09
80.167	0.00	0.16	0.174	O				0.09
80.250	0.00	0.16	0.172	O				0.09
80.333	0.00	0.16	0.171	O				0.09
80.417	0.00	0.16	0.170	O				0.09
80.500	0.00	0.16	0.169	O				0.09
80.583	0.00	0.16	0.168	O				0.09
80.667	0.00	0.15	0.167	O				0.09
80.750	0.00	0.15	0.166	O				0.09
80.833	0.00	0.15	0.165	O				0.08
80.917	0.00	0.15	0.164	O				0.08
81.000	0.00	0.15	0.163	O				0.08
81.083	0.00	0.15	0.162	O				0.08
81.167	0.00	0.15	0.161	O				0.08
81.250	0.00	0.15	0.160	O				0.08
81.333	0.00	0.15	0.159	O				0.08
81.417	0.00	0.15	0.158	O				0.08
81.500	0.00	0.14	0.157	O				0.08
81.583	0.00	0.14	0.156	O				0.08
81.667	0.00	0.14	0.155	O				0.08
81.750	0.00	0.14	0.154	O				0.08
81.833	0.00	0.14	0.153	O				0.08
81.917	0.00	0.14	0.152	O				0.08
82.000	0.00	0.14	0.151	O				0.08
82.083	0.00	0.14	0.150	O				0.08
82.167	0.00	0.14	0.149	O				0.08
82.250	0.00	0.14	0.148	O				0.08
82.333	0.00	0.14	0.147	O				0.08
82.417	0.00	0.14	0.146	O				0.08
82.500	0.00	0.13	0.145	O				0.07
82.583	0.00	0.13	0.144	O				0.07
82.667	0.00	0.13	0.143	O				0.07
82.750	0.00	0.13	0.142	O				0.07
82.833	0.00	0.13	0.142	O				0.07
82.917	0.00	0.13	0.141	O				0.07
83.000	0.00	0.13	0.140	O				0.07
83.083	0.00	0.13	0.139	O				0.07
83.167	0.00	0.13	0.138	O				0.07

83.250	0.00	0.13	0.137	O				0.07
83.333	0.00	0.13	0.136	O				0.07
83.417	0.00	0.13	0.135	O				0.07
83.500	0.00	0.12	0.135	O				0.07
83.583	0.00	0.12	0.134	O				0.07
83.667	0.00	0.12	0.133	O				0.07
83.750	0.00	0.12	0.132	O				0.07
83.833	0.00	0.12	0.131	O				0.07
83.917	0.00	0.12	0.130	O				0.07
84.000	0.00	0.12	0.129	O				0.07
84.083	0.00	0.12	0.129	O				0.07
84.167	0.00	0.12	0.128	O				0.07
84.250	0.00	0.12	0.127	O				0.07
84.333	0.00	0.12	0.126	O				0.06
84.417	0.00	0.12	0.125	O				0.06
84.500	0.00	0.12	0.125	O				0.06
84.583	0.00	0.11	0.124	O				0.06
84.667	0.00	0.11	0.123	O				0.06
84.750	0.00	0.11	0.122	O				0.06
84.833	0.00	0.11	0.121	O				0.06
84.917	0.00	0.11	0.121	O				0.06
85.000	0.00	0.11	0.120	O				0.06
85.083	0.00	0.11	0.119	O				0.06
85.167	0.00	0.11	0.118	O				0.06
85.250	0.00	0.11	0.118	O				0.06
85.333	0.00	0.11	0.117	O				0.06
85.417	0.00	0.11	0.116	O				0.06
85.500	0.00	0.11	0.115	O				0.06
85.583	0.00	0.11	0.115	O				0.06
85.667	0.00	0.11	0.114	O				0.06
85.750	0.00	0.10	0.113	O				0.06
85.833	0.00	0.10	0.113	O				0.06
85.917	0.00	0.10	0.112	O				0.06
86.000	0.00	0.10	0.111	O				0.06
86.083	0.00	0.10	0.110	O				0.06
86.167	0.00	0.10	0.110	O				0.06
86.250	0.00	0.10	0.109	O				0.06
86.333	0.00	0.10	0.108	O				0.06
86.417	0.00	0.10	0.108	O				0.06
86.500	0.00	0.10	0.107	O				0.05
86.583	0.00	0.10	0.106	O				0.05
86.667	0.00	0.10	0.106	O				0.05
86.750	0.00	0.10	0.105	O				0.05
86.833	0.00	0.10	0.104	O				0.05
86.917	0.00	0.10	0.104	O				0.05
87.000	0.00	0.10	0.103	O				0.05
87.083	0.00	0.09	0.102	O				0.05
87.167	0.00	0.09	0.102	O				0.05
87.250	0.00	0.09	0.101	O				0.05
87.333	0.00	0.09	0.100	O				0.05
87.417	0.00	0.09	0.100	O				0.05
87.500	0.00	0.09	0.099	O				0.05
87.583	0.00	0.09	0.098	O				0.05
87.667	0.00	0.09	0.098	O				0.05
87.750	0.00	0.09	0.097	O				0.05
87.833	0.00	0.09	0.097	O				0.05
87.917	0.00	0.09	0.096	O				0.05
88.000	0.00	0.09	0.095	O				0.05
88.083	0.00	0.09	0.095	O				0.05
88.167	0.00	0.09	0.094	O				0.05
88.250	0.00	0.09	0.094	O				0.05
88.333	0.00	0.09	0.093	O				0.05
88.417	0.00	0.09	0.092	O				0.05

88.500	0.00	0.08	0.092	O				0.05
88.583	0.00	0.08	0.091	O				0.05
88.667	0.00	0.08	0.091	O				0.05
88.750	0.00	0.08	0.090	O				0.05
88.833	0.00	0.08	0.090	O				0.05
88.917	0.00	0.08	0.089	O				0.05
89.000	0.00	0.08	0.088	O				0.05
89.083	0.00	0.08	0.088	O				0.05
89.167	0.00	0.08	0.087	O				0.04
89.250	0.00	0.08	0.087	O				0.04
89.333	0.00	0.08	0.086	O				0.04
89.417	0.00	0.08	0.086	O				0.04
89.500	0.00	0.08	0.085	O				0.04
89.583	0.00	0.08	0.085	O				0.04
89.667	0.00	0.08	0.084	O				0.04
89.750	0.00	0.08	0.083	O				0.04
89.833	0.00	0.08	0.083	O				0.04
89.917	0.00	0.08	0.082	O				0.04
90.000	0.00	0.08	0.082	O				0.04
90.083	0.00	0.08	0.081	O				0.04
90.167	0.00	0.07	0.081	O				0.04
90.250	0.00	0.07	0.080	O				0.04
90.333	0.00	0.07	0.080	O				0.04
90.417	0.00	0.07	0.079	O				0.04
90.500	0.00	0.07	0.079	O				0.04
90.583	0.00	0.07	0.078	O				0.04
90.667	0.00	0.07	0.078	O				0.04
90.750	0.00	0.07	0.077	O				0.04
90.833	0.00	0.07	0.077	O				0.04
90.917	0.00	0.07	0.076	O				0.04
91.000	0.00	0.07	0.076	O				0.04
91.083	0.00	0.07	0.075	O				0.04
91.167	0.00	0.07	0.075	O				0.04
91.250	0.00	0.07	0.074	O				0.04
91.333	0.00	0.07	0.074	O				0.04
91.417	0.00	0.07	0.073	O				0.04
91.500	0.00	0.07	0.073	O				0.04
91.583	0.00	0.07	0.073	O				0.04
91.667	0.00	0.07	0.072	O				0.04
91.750	0.00	0.07	0.072	O				0.04
91.833	0.00	0.07	0.071	O				0.04
91.917	0.00	0.07	0.071	O				0.04
92.000	0.00	0.06	0.070	O				0.04
92.083	0.00	0.06	0.070	O				0.04
92.167	0.00	0.06	0.069	O				0.04
92.250	0.00	0.06	0.069	O				0.04
92.333	0.00	0.06	0.069	O				0.04
92.417	0.00	0.06	0.068	O				0.03
92.500	0.00	0.06	0.068	O				0.03
92.583	0.00	0.06	0.067	O				0.03
92.667	0.00	0.06	0.067	O				0.03
92.750	0.00	0.06	0.066	O				0.03
92.833	0.00	0.06	0.066	O				0.03
92.917	0.00	0.06	0.066	O				0.03
93.000	0.00	0.06	0.065	O				0.03
93.083	0.00	0.06	0.065	O				0.03
93.167	0.00	0.06	0.064	O				0.03
93.250	0.00	0.06	0.064	O				0.03
93.333	0.00	0.06	0.063	O				0.03
93.417	0.00	0.06	0.063	O				0.03
93.500	0.00	0.06	0.063	O				0.03
93.583	0.00	0.06	0.062	O				0.03
93.667	0.00	0.06	0.062	O				0.03

93.750	0.00	0.06	0.061	O				0.03
93.833	0.00	0.06	0.061	O				0.03
93.917	0.00	0.06	0.061	O				0.03
94.000	0.00	0.06	0.060	O				0.03
94.083	0.00	0.06	0.060	O				0.03
94.167	0.00	0.06	0.060	O				0.03
94.250	0.00	0.05	0.059	O				0.03
94.333	0.00	0.05	0.059	O				0.03
94.417	0.00	0.05	0.058	O				0.03
94.500	0.00	0.05	0.058	O				0.03
94.583	0.00	0.05	0.058	O				0.03
94.667	0.00	0.05	0.057	O				0.03
94.750	0.00	0.05	0.057	O				0.03
94.833	0.00	0.05	0.057	O				0.03
94.917	0.00	0.05	0.056	O				0.03
95.000	0.00	0.05	0.056	O				0.03
95.083	0.00	0.05	0.056	O				0.03
95.167	0.00	0.05	0.055	O				0.03
95.250	0.00	0.05	0.055	O				0.03
95.333	0.00	0.05	0.054	O				0.03
95.417	0.00	0.05	0.054	O				0.03
95.500	0.00	0.05	0.054	O				0.03
95.583	0.00	0.05	0.053	O				0.03
95.667	0.00	0.05	0.053	O				0.03
95.750	0.00	0.05	0.053	O				0.03
95.833	0.00	0.05	0.052	O				0.03
95.917	0.00	0.05	0.052	O				0.03
96.000	0.00	0.05	0.052	O				0.03
96.083	0.00	0.05	0.051	O				0.03
96.167	0.00	0.05	0.051	O				0.03
96.250	0.00	0.05	0.051	O				0.03
96.333	0.00	0.05	0.050	O				0.03
96.417	0.00	0.05	0.050	O				0.03
96.500	0.00	0.05	0.050	O				0.03
96.583	0.00	0.05	0.050	O				0.03
96.667	0.00	0.05	0.049	O				0.03
96.750	0.00	0.05	0.049	O				0.03
96.833	0.00	0.04	0.049	O				0.02
96.917	0.00	0.04	0.048	O				0.02
97.000	0.00	0.04	0.048	O				0.02
97.083	0.00	0.04	0.048	O				0.02
97.167	0.00	0.04	0.047	O				0.02
97.250	0.00	0.04	0.047	O				0.02
97.333	0.00	0.04	0.047	O				0.02
97.417	0.00	0.04	0.046	O				0.02
97.500	0.00	0.04	0.046	O				0.02
97.583	0.00	0.04	0.046	O				0.02
97.667	0.00	0.04	0.046	O				0.02
97.750	0.00	0.04	0.045	O				0.02
97.833	0.00	0.04	0.045	O				0.02
97.917	0.00	0.04	0.045	O				0.02
98.000	0.00	0.04	0.044	O				0.02
98.083	0.00	0.04	0.044	O				0.02
98.167	0.00	0.04	0.044	O				0.02
98.250	0.00	0.04	0.044	O				0.02
98.333	0.00	0.04	0.043	O				0.02
98.417	0.00	0.04	0.043	O				0.02
98.500	0.00	0.04	0.043	O				0.02
98.583	0.00	0.04	0.043	O				0.02
98.667	0.00	0.04	0.042	O				0.02
98.750	0.00	0.04	0.042	O				0.02
98.833	0.00	0.04	0.042	O				0.02
98.917	0.00	0.04	0.041	O				0.02

99.000	0.00	0.04	0.041	O				0.02
99.083	0.00	0.04	0.041	O				0.02
99.167	0.00	0.04	0.041	O				0.02
99.250	0.00	0.04	0.040	O				0.02
99.333	0.00	0.04	0.040	O				0.02
99.417	0.00	0.04	0.040	O				0.02
99.500	0.00	0.04	0.040	O				0.02
99.583	0.00	0.04	0.039	O				0.02
99.667	0.00	0.04	0.039	O				0.02
99.750	0.00	0.04	0.039	O				0.02
99.833	0.00	0.04	0.039	O				0.02
99.917	0.00	0.04	0.038	O				0.02
100.000	0.00	0.04	0.038	O				0.02
100.083	0.00	0.04	0.038	O				0.02
100.167	0.00	0.03	0.038	O				0.02
100.250	0.00	0.03	0.037	O				0.02
100.333	0.00	0.03	0.037	O				0.02
100.417	0.00	0.03	0.037	O				0.02
100.500	0.00	0.03	0.037	O				0.02
100.583	0.00	0.03	0.036	O				0.02
100.667	0.00	0.03	0.036	O				0.02
100.750	0.00	0.03	0.036	O				0.02
100.833	0.00	0.03	0.036	O				0.02
100.917	0.00	0.03	0.036	O				0.02
101.000	0.00	0.03	0.035	O				0.02
101.083	0.00	0.03	0.035	O				0.02
101.167	0.00	0.03	0.035	O				0.02
101.250	0.00	0.03	0.035	O				0.02
101.333	0.00	0.03	0.034	O				0.02
101.417	0.00	0.03	0.034	O				0.02
101.500	0.00	0.03	0.034	O				0.02
101.583	0.00	0.03	0.034	O				0.02
101.667	0.00	0.03	0.034	O				0.02
101.750	0.00	0.03	0.033	O				0.02
101.833	0.00	0.03	0.033	O				0.02
101.917	0.00	0.03	0.033	O				0.02
102.000	0.00	0.03	0.033	O				0.02
102.083	0.00	0.03	0.033	O				0.02
102.167	0.00	0.03	0.032	O				0.02
102.250	0.00	0.03	0.032	O				0.02
102.333	0.00	0.03	0.032	O				0.02
102.417	0.00	0.03	0.032	O				0.02
102.500	0.00	0.03	0.032	O				0.02
102.583	0.00	0.03	0.031	O				0.02
102.667	0.00	0.03	0.031	O				0.02
102.750	0.00	0.03	0.031	O				0.02
102.833	0.00	0.03	0.031	O				0.02
102.917	0.00	0.03	0.031	O				0.02
103.000	0.00	0.03	0.030	O				0.02
103.083	0.00	0.03	0.030	O				0.02
103.167	0.00	0.03	0.030	O				0.02
103.250	0.00	0.03	0.030	O				0.02
103.333	0.00	0.03	0.030	O				0.02
103.417	0.00	0.03	0.029	O				0.02
103.500	0.00	0.03	0.029	O				0.01
103.583	0.00	0.03	0.029	O				0.01
103.667	0.00	0.03	0.029	O				0.01
103.750	0.00	0.03	0.029	O				0.01
103.833	0.00	0.03	0.028	O				0.01
103.917	0.00	0.03	0.028	O				0.01
104.000	0.00	0.03	0.028	O				0.01
104.083	0.00	0.03	0.028	O				0.01
104.167	0.00	0.03	0.028	O				0.01

104.250	0.00	0.03	0.028	O					0.01
104.333	0.00	0.03	0.027	O					0.01
104.417	0.00	0.03	0.027	O					0.01
104.500	0.00	0.03	0.027	O					0.01
104.583	0.00	0.02	0.027	O					0.01
104.667	0.00	0.02	0.027	O					0.01
104.750	0.00	0.02	0.027	O					0.01
104.833	0.00	0.02	0.026	O					0.01
104.917	0.00	0.02	0.026	O					0.01
105.000	0.00	0.02	0.026	O					0.01
105.083	0.00	0.02	0.026	O					0.01
105.167	0.00	0.02	0.026	O					0.01
105.250	0.00	0.02	0.026	O					0.01
105.333	0.00	0.02	0.025	O					0.01
105.417	0.00	0.02	0.025	O					0.01
105.500	0.00	0.02	0.025	O					0.01
105.583	0.00	0.02	0.025	O					0.01
105.667	0.00	0.02	0.025	O					0.01
105.750	0.00	0.02	0.025	O					0.01
105.833	0.00	0.02	0.024	O					0.01
105.917	0.00	0.02	0.024	O					0.01
106.000	0.00	0.02	0.024	O					0.01
106.083	0.00	0.02	0.024	O					0.01
106.167	0.00	0.02	0.024	O					0.01
106.250	0.00	0.02	0.024	O					0.01
106.333	0.00	0.02	0.024	O					0.01
106.417	0.00	0.02	0.023	O					0.01
106.500	0.00	0.02	0.023	O					0.01
106.583	0.00	0.02	0.023	O					0.01
106.667	0.00	0.02	0.023	O					0.01
106.750	0.00	0.02	0.023	O					0.01
106.833	0.00	0.02	0.023	O					0.01
106.917	0.00	0.02	0.022	O					0.01
107.000	0.00	0.02	0.022	O					0.01
107.083	0.00	0.02	0.022	O					0.01
107.167	0.00	0.02	0.022	O					0.01
107.250	0.00	0.02	0.022	O					0.01
107.333	0.00	0.02	0.022	O					0.01
107.417	0.00	0.02	0.022	O					0.01
107.500	0.00	0.02	0.022	O					0.01
107.583	0.00	0.02	0.021	O					0.01
107.667	0.00	0.02	0.021	O					0.01
107.750	0.00	0.02	0.021	O					0.01
107.833	0.00	0.02	0.021	O					0.01
107.917	0.00	0.02	0.021	O					0.01
108.000	0.00	0.02	0.021	O					0.01
108.083	0.00	0.02	0.021	O					0.01
108.167	0.00	0.02	0.020	O					0.01
108.250	0.00	0.02	0.020	O					0.01
108.333	0.00	0.02	0.020	O					0.01
108.417	0.00	0.02	0.020	O					0.01
108.500	0.00	0.02	0.020	O					0.01
108.583	0.00	0.02	0.020	O					0.01
108.667	0.00	0.02	0.020	O					0.01
108.750	0.00	0.02	0.020	O					0.01
108.833	0.00	0.02	0.019	O					0.01
108.917	0.00	0.02	0.019	O					0.01
109.000	0.00	0.02	0.019	O					0.01
109.083	0.00	0.02	0.019	O					0.01
109.167	0.00	0.02	0.019	O					0.01
109.250	0.00	0.02	0.019	O					0.01
109.333	0.00	0.02	0.019	O					0.01
109.417	0.00	0.02	0.019	O					0.01

109.500	0.00	0.02	0.018	O					0.01
109.583	0.00	0.02	0.018	O					0.01
109.667	0.00	0.02	0.018	O					0.01
109.750	0.00	0.02	0.018	O					0.01
109.833	0.00	0.02	0.018	O					0.01
109.917	0.00	0.02	0.018	O					0.01
110.000	0.00	0.02	0.018	O					0.01
110.083	0.00	0.02	0.018	O					0.01
110.167	0.00	0.02	0.018	O					0.01
110.250	0.00	0.02	0.017	O					0.01
110.333	0.00	0.02	0.017	O					0.01
110.417	0.00	0.02	0.017	O					0.01
110.500	0.00	0.02	0.017	O					0.01
110.583	0.00	0.02	0.017	O					0.01
110.667	0.00	0.02	0.017	O					0.01
110.750	0.00	0.02	0.017	O					0.01
110.833	0.00	0.02	0.017	O					0.01
110.917	0.00	0.02	0.017	O					0.01
111.000	0.00	0.02	0.016	O					0.01
111.083	0.00	0.02	0.016	O					0.01
111.167	0.00	0.02	0.016	O					0.01
111.250	0.00	0.01	0.016	O					0.01
111.333	0.00	0.01	0.016	O					0.01
111.417	0.00	0.01	0.016	O					0.01
111.500	0.00	0.01	0.016	O					0.01
111.583	0.00	0.01	0.016	O					0.01
111.667	0.00	0.01	0.016	O					0.01
111.750	0.00	0.01	0.016	O					0.01
111.833	0.00	0.01	0.015	O					0.01
111.917	0.00	0.01	0.015	O					0.01
112.000	0.00	0.01	0.015	O					0.01
112.083	0.00	0.01	0.015	O					0.01
112.167	0.00	0.01	0.015	O					0.01
112.250	0.00	0.01	0.015	O					0.01
112.333	0.00	0.01	0.015	O					0.01
112.417	0.00	0.01	0.015	O					0.01
112.500	0.00	0.01	0.015	O					0.01
112.583	0.00	0.01	0.015	O					0.01
112.667	0.00	0.01	0.015	O					0.01
112.750	0.00	0.01	0.014	O					0.01
112.833	0.00	0.01	0.014	O					0.01
112.917	0.00	0.01	0.014	O					0.01
113.000	0.00	0.01	0.014	O					0.01
113.083	0.00	0.01	0.014	O					0.01
113.167	0.00	0.01	0.014	O					0.01
113.250	0.00	0.01	0.014	O					0.01
113.333	0.00	0.01	0.014	O					0.01
113.417	0.00	0.01	0.014	O					0.01
113.500	0.00	0.01	0.014	O					0.01
113.583	0.00	0.01	0.014	O					0.01
113.667	0.00	0.01	0.013	O					0.01
113.750	0.00	0.01	0.013	O					0.01
113.833	0.00	0.01	0.013	O					0.01
113.917	0.00	0.01	0.013	O					0.01
114.000	0.00	0.01	0.013	O					0.01
114.083	0.00	0.01	0.013	O					0.01
114.167	0.00	0.01	0.013	O					0.01
114.250	0.00	0.01	0.013	O					0.01
114.333	0.00	0.01	0.013	O					0.01
114.417	0.00	0.01	0.013	O					0.01
114.500	0.00	0.01	0.013	O					0.01
114.583	0.00	0.01	0.013	O					0.01
114.667	0.00	0.01	0.012	O					0.01

114.750	0.00	0.01	0.012	O				0.01
114.833	0.00	0.01	0.012	O				0.01
114.917	0.00	0.01	0.012	O				0.01
115.000	0.00	0.01	0.012	O				0.01
115.083	0.00	0.01	0.012	O				0.01
115.167	0.00	0.01	0.012	O				0.01
115.250	0.00	0.01	0.012	O				0.01
115.333	0.00	0.01	0.012	O				0.01
115.417	0.00	0.01	0.012	O				0.01
115.500	0.00	0.01	0.012	O				0.01
115.583	0.00	0.01	0.012	O				0.01
115.667	0.00	0.01	0.012	O				0.01
115.750	0.00	0.01	0.011	O				0.01
115.833	0.00	0.01	0.011	O				0.01
115.917	0.00	0.01	0.011	O				0.01
116.000	0.00	0.01	0.011	O				0.01
116.083	0.00	0.01	0.011	O				0.01
116.167	0.00	0.01	0.011	O				0.01
116.250	0.00	0.01	0.011	O				0.01
116.333	0.00	0.01	0.011	O				0.01
116.417	0.00	0.01	0.011	O				0.01
116.500	0.00	0.01	0.011	O				0.01
116.583	0.00	0.01	0.011	O				0.01
116.667	0.00	0.01	0.011	O				0.01
116.750	0.00	0.01	0.011	O				0.01
116.833	0.00	0.01	0.011	O				0.01
116.917	0.00	0.01	0.010	O				0.01
117.000	0.00	0.01	0.010	O				0.01
117.083	0.00	0.01	0.010	O				0.01
117.167	0.00	0.01	0.010	O				0.01
117.250	0.00	0.01	0.010	O				0.01
117.333	0.00	0.01	0.010	O				0.01
117.417	0.00	0.01	0.010	O				0.01
117.500	0.00	0.01	0.010	O				0.01
117.583	0.00	0.01	0.010	O				0.01
117.667	0.00	0.01	0.010	O				0.01
117.750	0.00	0.01	0.010	O				0.01
117.833	0.00	0.01	0.010	O				0.01
117.917	0.00	0.01	0.010	O				0.00
118.000	0.00	0.01	0.010	O				0.00
118.083	0.00	0.01	0.010	O				0.00
118.167	0.00	0.01	0.010	O				0.00
118.250	0.00	0.01	0.009	O				0.00
118.333	0.00	0.01	0.009	O				0.00
118.417	0.00	0.01	0.009	O				0.00
118.500	0.00	0.01	0.009	O				0.00
118.583	0.00	0.01	0.009	O				0.00
118.667	0.00	0.01	0.009	O				0.00
118.750	0.00	0.01	0.009	O				0.00
118.833	0.00	0.01	0.009	O				0.00
118.917	0.00	0.01	0.009	O				0.00
119.000	0.00	0.01	0.009	O				0.00
119.083	0.00	0.01	0.009	O				0.00
119.167	0.00	0.01	0.009	O				0.00
119.250	0.00	0.01	0.009	O				0.00
119.333	0.00	0.01	0.009	O				0.00
119.417	0.00	0.01	0.009	O				0.00
119.500	0.00	0.01	0.009	O				0.00
119.583	0.00	0.01	0.009	O				0.00
119.667	0.00	0.01	0.008	O				0.00
119.750	0.00	0.01	0.008	O				0.00
119.833	0.00	0.01	0.008	O				0.00
119.917	0.00	0.01	0.008	O				0.00

120.000	0.00	0.01	0.008	O					0.00
120.083	0.00	0.01	0.008	O					0.00
120.167	0.00	0.01	0.008	O					0.00
120.250	0.00	0.01	0.008	O					0.00
120.333	0.00	0.01	0.008	O					0.00
120.417	0.00	0.01	0.008	O					0.00
120.500	0.00	0.01	0.008	O					0.00
120.583	0.00	0.01	0.008	O					0.00
120.667	0.00	0.01	0.008	O					0.00
120.750	0.00	0.01	0.008	O					0.00
120.833	0.00	0.01	0.008	O					0.00
120.917	0.00	0.01	0.008	O					0.00
121.000	0.00	0.01	0.008	O					0.00
121.083	0.00	0.01	0.008	O					0.00
121.167	0.00	0.01	0.008	O					0.00
121.250	0.00	0.01	0.008	O					0.00
121.333	0.00	0.01	0.007	O					0.00
121.417	0.00	0.01	0.007	O					0.00
121.500	0.00	0.01	0.007	O					0.00
121.583	0.00	0.01	0.007	O					0.00
121.667	0.00	0.01	0.007	O					0.00
121.750	0.00	0.01	0.007	O					0.00
121.833	0.00	0.01	0.007	O					0.00
121.917	0.00	0.01	0.007	O					0.00
122.000	0.00	0.01	0.007	O					0.00
122.083	0.00	0.01	0.007	O					0.00
122.167	0.00	0.01	0.007	O					0.00
122.250	0.00	0.01	0.007	O					0.00
122.333	0.00	0.01	0.007	O					0.00
122.417	0.00	0.01	0.007	O					0.00
122.500	0.00	0.01	0.007	O					0.00
122.583	0.00	0.01	0.007	O					0.00
122.667	0.00	0.01	0.007	O					0.00
122.750	0.00	0.01	0.007	O					0.00
122.833	0.00	0.01	0.007	O					0.00
122.917	0.00	0.01	0.007	O					0.00
123.000	0.00	0.01	0.007	O					0.00
123.083	0.00	0.01	0.007	O					0.00
123.167	0.00	0.01	0.007	O					0.00
123.250	0.00	0.01	0.006	O					0.00
123.333	0.00	0.01	0.006	O					0.00
123.417	0.00	0.01	0.006	O					0.00
123.500	0.00	0.01	0.006	O					0.00
123.583	0.00	0.01	0.006	O					0.00
123.667	0.00	0.01	0.006	O					0.00
123.750	0.00	0.01	0.006	O					0.00
123.833	0.00	0.01	0.006	O					0.00
123.917	0.00	0.01	0.006	O					0.00
124.000	0.00	0.01	0.006	O					0.00
124.083	0.00	0.01	0.006	O					0.00
124.167	0.00	0.01	0.006	O					0.00
124.250	0.00	0.01	0.006	O					0.00
124.333	0.00	0.01	0.006	O					0.00
124.417	0.00	0.01	0.006	O					0.00
124.500	0.00	0.01	0.006	O					0.00
124.583	0.00	0.01	0.006	O					0.00
124.667	0.00	0.01	0.006	O					0.00
124.750	0.00	0.01	0.006	O					0.00
124.833	0.00	0.01	0.006	O					0.00
124.917	0.00	0.01	0.006	O					0.00
125.000	0.00	0.01	0.006	O					0.00
125.083	0.00	0.01	0.006	O					0.00
125.167	0.00	0.01	0.006	O					0.00

125.250	0.00	0.01	0.006	O					0.00
125.333	0.00	0.01	0.006	O					0.00
125.417	0.00	0.01	0.005	O					0.00
125.500	0.00	0.01	0.005	O					0.00
125.583	0.00	0.00	0.005	O					0.00
125.667	0.00	0.00	0.005	O					0.00
125.750	0.00	0.00	0.005	O					0.00
125.833	0.00	0.00	0.005	O					0.00
125.917	0.00	0.00	0.005	O					0.00
126.000	0.00	0.00	0.005	O					0.00
126.083	0.00	0.00	0.005	O					0.00
126.167	0.00	0.00	0.005	O					0.00
126.250	0.00	0.00	0.005	O					0.00
126.333	0.00	0.00	0.005	O					0.00
126.417	0.00	0.00	0.005	O					0.00
126.500	0.00	0.00	0.005	O					0.00
126.583	0.00	0.00	0.005	O					0.00
126.667	0.00	0.00	0.005	O					0.00
126.750	0.00	0.00	0.005	O					0.00
126.833	0.00	0.00	0.005	O					0.00
126.917	0.00	0.00	0.005	O					0.00
127.000	0.00	0.00	0.005	O					0.00
127.083	0.00	0.00	0.005	O					0.00
127.167	0.00	0.00	0.005	O					0.00
127.250	0.00	0.00	0.005	O					0.00
127.333	0.00	0.00	0.005	O					0.00
127.417	0.00	0.00	0.005	O					0.00
127.500	0.00	0.00	0.005	O					0.00
127.583	0.00	0.00	0.005	O					0.00
127.667	0.00	0.00	0.005	O					0.00
127.750	0.00	0.00	0.005	O					0.00
127.833	0.00	0.00	0.005	O					0.00
127.917	0.00	0.00	0.005	O					0.00
128.000	0.00	0.00	0.004	O					0.00
128.083	0.00	0.00	0.004	O					0.00
128.167	0.00	0.00	0.004	O					0.00
128.250	0.00	0.00	0.004	O					0.00
128.333	0.00	0.00	0.004	O					0.00
128.417	0.00	0.00	0.004	O					0.00
128.500	0.00	0.00	0.004	O					0.00
128.583	0.00	0.00	0.004	O					0.00
128.667	0.00	0.00	0.004	O					0.00
128.750	0.00	0.00	0.004	O					0.00
128.833	0.00	0.00	0.004	O					0.00
128.917	0.00	0.00	0.004	O					0.00
129.000	0.00	0.00	0.004	O					0.00
129.083	0.00	0.00	0.004	O					0.00
129.167	0.00	0.00	0.004	O					0.00
129.250	0.00	0.00	0.004	O					0.00
129.333	0.00	0.00	0.004	O					0.00
129.417	0.00	0.00	0.004	O					0.00
129.500	0.00	0.00	0.004	O					0.00
129.583	0.00	0.00	0.004	O					0.00
129.667	0.00	0.00	0.004	O					0.00
129.750	0.00	0.00	0.004	O					0.00
129.833	0.00	0.00	0.004	O					0.00
129.917	0.00	0.00	0.004	O					0.00
130.000	0.00	0.00	0.004	O					0.00
130.083	0.00	0.00	0.004	O					0.00
130.167	0.00	0.00	0.004	O					0.00
130.250	0.00	0.00	0.004	O					0.00
130.333	0.00	0.00	0.004	O					0.00
130.417	0.00	0.00	0.004	O					0.00

130.500	0.00	0.00	0.004	O					0.00
130.583	0.00	0.00	0.004	O					0.00
130.667	0.00	0.00	0.004	O					0.00
130.750	0.00	0.00	0.004	O					0.00
130.833	0.00	0.00	0.004	O					0.00
130.917	0.00	0.00	0.004	O					0.00
131.000	0.00	0.00	0.004	O					0.00
131.083	0.00	0.00	0.004	O					0.00
131.167	0.00	0.00	0.004	O					0.00
131.250	0.00	0.00	0.004	O					0.00
131.333	0.00	0.00	0.003	O					0.00
131.417	0.00	0.00	0.003	O					0.00
131.500	0.00	0.00	0.003	O					0.00
131.583	0.00	0.00	0.003	O					0.00
131.667	0.00	0.00	0.003	O					0.00
131.750	0.00	0.00	0.003	O					0.00
131.833	0.00	0.00	0.003	O					0.00
131.917	0.00	0.00	0.003	O					0.00
132.000	0.00	0.00	0.003	O					0.00
132.083	0.00	0.00	0.003	O					0.00
132.167	0.00	0.00	0.003	O					0.00
132.250	0.00	0.00	0.003	O					0.00
132.333	0.00	0.00	0.003	O					0.00
132.417	0.00	0.00	0.003	O					0.00
132.500	0.00	0.00	0.003	O					0.00
132.583	0.00	0.00	0.003	O					0.00
132.667	0.00	0.00	0.003	O					0.00
132.750	0.00	0.00	0.003	O					0.00
132.833	0.00	0.00	0.003	O					0.00
132.917	0.00	0.00	0.003	O					0.00
133.000	0.00	0.00	0.003	O					0.00
133.083	0.00	0.00	0.003	O					0.00
133.167	0.00	0.00	0.003	O					0.00
133.250	0.00	0.00	0.003	O					0.00
133.333	0.00	0.00	0.003	O					0.00
133.417	0.00	0.00	0.003	O					0.00
133.500	0.00	0.00	0.003	O					0.00
133.583	0.00	0.00	0.003	O					0.00
133.667	0.00	0.00	0.003	O					0.00
133.750	0.00	0.00	0.003	O					0.00
133.833	0.00	0.00	0.003	O					0.00
133.917	0.00	0.00	0.003	O					0.00
134.000	0.00	0.00	0.003	O					0.00
134.083	0.00	0.00	0.003	O					0.00
134.167	0.00	0.00	0.003	O					0.00
134.250	0.00	0.00	0.003	O					0.00
134.333	0.00	0.00	0.003	O					0.00
134.417	0.00	0.00	0.003	O					0.00
134.500	0.00	0.00	0.003	O					0.00
134.583	0.00	0.00	0.003	O					0.00
134.667	0.00	0.00	0.003	O					0.00
134.750	0.00	0.00	0.003	O					0.00
134.833	0.00	0.00	0.003	O					0.00
134.917	0.00	0.00	0.003	O					0.00
135.000	0.00	0.00	0.003	O					0.00
135.083	0.00	0.00	0.003	O					0.00
135.167	0.00	0.00	0.003	O					0.00
135.250	0.00	0.00	0.003	O					0.00
135.333	0.00	0.00	0.003	O					0.00
135.417	0.00	0.00	0.003	O					0.00
135.500	0.00	0.00	0.003	O					0.00
135.583	0.00	0.00	0.003	O					0.00
135.667	0.00	0.00	0.003	O					0.00

135.750	0.00	0.00	0.002	O	|	|	|	|	0.00
135.833	0.00	0.00	0.002	O	|	|	|	|	0.00
135.917	0.00	0.00	0.002	O	|	|	|	|	0.00
136.000	0.00	0.00	0.002	O	|	|	|	|	0.00
136.083	0.00	0.00	0.002	O	|	|	|	|	0.00
136.167	0.00	0.00	0.002	O	|	|	|	|	0.00
136.250	0.00	0.00	0.002	O	|	|	|	|	0.00
136.333	0.00	0.00	0.002	O	|	|	|	|	0.00
136.417	0.00	0.00	0.002	O	|	|	|	|	0.00
136.500	0.00	0.00	0.002	O	|	|	|	|	0.00
136.583	0.00	0.00	0.002	O	|	|	|	|	0.00
136.667	0.00	0.00	0.002	O	|	|	|	|	0.00
136.750	0.00	0.00	0.002	O	|	|	|	|	0.00
136.833	0.00	0.00	0.002	O	|	|	|	|	0.00
136.917	0.00	0.00	0.002	O	|	|	|	|	0.00
137.000	0.00	0.00	0.002	O	|	|	|	|	0.00
137.083	0.00	0.00	0.002	O	|	|	|	|	0.00
137.167	0.00	0.00	0.002	O	|	|	|	|	0.00
137.250	0.00	0.00	0.002	O	|	|	|	|	0.00
137.333	0.00	0.00	0.002	O	|	|	|	|	0.00
137.417	0.00	0.00	0.002	O	|	|	|	|	0.00
137.500	0.00	0.00	0.002	O	|	|	|	|	0.00
137.583	0.00	0.00	0.002	O	|	|	|	|	0.00
137.667	0.00	0.00	0.002	O	|	|	|	|	0.00
137.750	0.00	0.00	0.002	O	|	|	|	|	0.00
137.833	0.00	0.00	0.002	O	|	|	|	|	0.00
137.917	0.00	0.00	0.002	O	|	|	|	|	0.00
138.000	0.00	0.00	0.002	O	|	|	|	|	0.00
138.083	0.00	0.00	0.002	O	|	|	|	|	0.00
138.167	0.00	0.00	0.002	O	|	|	|	|	0.00
138.250	0.00	0.00	0.002	O	|	|	|	|	0.00
138.333	0.00	0.00	0.002	O	|	|	|	|	0.00
138.417	0.00	0.00	0.002	O	|	|	|	|	0.00
138.500	0.00	0.00	0.002	O	|	|	|	|	0.00
138.583	0.00	0.00	0.002	O	|	|	|	|	0.00
138.667	0.00	0.00	0.002	O	|	|	|	|	0.00
138.750	0.00	0.00	0.002	O	|	|	|	|	0.00
138.833	0.00	0.00	0.002	O	|	|	|	|	0.00
138.917	0.00	0.00	0.002	O	|	|	|	|	0.00
139.000	0.00	0.00	0.002	O	|	|	|	|	0.00

Remaining water in basin = 0.00 (Ac.Ft)

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

Number of intervals = 1668
Time interval = 5.0 (Min.)
Maximum/Peak flow rate = 14.141 (CFS)
Total volume = 12.842 (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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                FLOOD HYDROGRAPH ROUTING PROGRAM
          Copyright (c) CIVILCADD/CIVILDESIGN, 1989 - 2005
                      Study date: 04/03/24

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Keller Crossing, Tr. 38163
WQ - Detention Basin Routing Area C onsite
Detention Basin C full with DCV at 1426
100-year 1-hour storm Inflow Hydrograph



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Program License Serial Number 4029

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

             From study/file name: 907HYDCPR1100.rte
****************************HYDROGRAPH DATA*****************************
             Number of intervals =    20
             Time interval =    5.0 (Min.)
             Maximum/Peak flow rate =      257.785 (CFS)
             Total volume =       8.644 (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       10.000 to Point/Station       11.000
**** RETARDING BASIN ROUTING ****
________________________________________________________________________

User entry of depth-outflow-storage data
------------------------------------------------------------------------
Total number of inflow hydrograph intervals = 20
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  Storage    Outflow   (S-O*dt/2)   (S+O*dt/2)
     (Ft.)    (Ac.Ft)    (CFS)     (Ac.Ft)    (Ac.Ft)
------------------------------------------------------------------------
   0.000      0.000      0.000      0.000        0.000
   1.000      1.948      1.800      1.942        1.954
   2.000      4.304      2.020      4.297        4.311
   3.000      7.054      3.480      7.042        7.066
   4.000     10.094     49.260      9.924       10.264
   4.500     11.710     87.250     11.410       12.010
```

5.000	13.325	331.310	12.184	14.466
6.000	16.754	1244.540	12.468	21.040

Hydrograph Detention Basin Routing

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

Time (Hours)	Inflow (CFS)	Outflow (CFS)	Storage (Ac.Ft)	.0 64.4 128.89 193.34 257.79	Depth (Ft.)
0.083	6.44	0.02	0.022	O | | | |	0.01
0.167	26.38	0.12	0.135	O I | | | |	0.07
0.250	38.85	0.33	0.358	O I | | | |	0.18
0.333	45.84	0.60	0.646	O I | | | |	0.33
0.417	52.24	0.90	0.979	O I | | | |	0.50
0.500	59.70	1.25	1.357	O I| | | |	0.70
0.583	69.83	1.66	1.793	O I | | |	0.92
0.667	81.78	1.83	2.303	O | I | | |	1.15
0.750	109.38	1.89	2.948	O | I | | |	1.42
0.833	187.70	1.99	3.958	O | | I| |	1.85
0.917	257.79	2.64	5.476	O | | | I	2.43
1.000	142.38	3.36	6.833	O | |I | |	2.92
1.083	80.47	10.97	7.551	|O |I | | |	3.16
1.167	40.34	15.84	7.875	|O I | | | |	3.27
1.250	23.83	17.44	7.981	| O | | | |	3.31
1.333	15.01	17.64	7.994	|IO | | | |	3.31
1.417	9.36	17.10	7.959	|IO | | | |	3.30
1.500	5.99	16.17	7.897	I O | | | |	3.28
1.583	1.41	14.94	7.815	IO | | | |	3.25
1.667	0.45	13.56	7.723	IO | | | |	3.22
1.750	0.00	12.25	7.636	IO | | | |	3.19
1.833	0.00	11.04	7.556	IO | | | |	3.17
1.917	0.00	9.95	7.484	IO | | | |	3.14
2.000	0.00	8.97	7.418	IO | | | |	3.12
2.083	0.00	8.08	7.360	IO | | | |	3.10
2.167	0.00	7.29	7.307	O | | | |	3.08
2.250	0.00	6.57	7.259	O | | | |	3.07
2.333	0.00	5.92	7.216	O | | | |	3.05
2.417	0.00	5.34	7.177	O | | | |	3.04
2.500	0.00	4.81	7.142	O | | | |	3.03
2.583	0.00	4.34	7.111	O | | | |	3.02
2.667	0.00	3.91	7.082	O | | | |	3.01
2.750	0.00	3.52	7.057	O | | | |	3.00
2.833	0.00	3.47	7.033	O | | | |	2.99
2.917	0.00	3.46	7.009	O | | | |	2.98
3.000	0.00	3.44	6.985	O | | | |	2.97
3.083	0.00	3.43	6.962	O | | | |	2.97
3.167	0.00	3.42	6.938	O | | | |	2.96
3.250	0.00	3.41	6.914	O | | | |	2.95
3.333	0.00	3.39	6.891	O | | | |	2.94
3.417	0.00	3.38	6.868	O | | | |	2.93
3.500	0.00	3.37	6.844	O | | | |	2.92
3.583	0.00	3.36	6.821	O | | | |	2.92
3.667	0.00	3.34	6.798	O | | | |	2.91
3.750	0.00	3.33	6.775	O | | | |	2.90
3.833	0.00	3.32	6.752	O | | | |	2.89
3.917	0.00	3.31	6.730	O | | | |	2.88
4.000	0.00	3.30	6.707	O | | | |	2.87
4.083	0.00	3.28	6.684	O | | | |	2.87
4.167	0.00	3.27	6.662	O | | | |	2.86
4.250	0.00	3.26	6.639	O | | | |	2.85
4.333	0.00	3.25	6.617	O | | | |	2.84
4.417	0.00	3.24	6.594	O | | | |	2.83

4.500	0.00	3.22	6.572	O				2.82
4.583	0.00	3.21	6.550	O				2.82
4.667	0.00	3.20	6.528	O				2.81
4.750	0.00	3.19	6.506	O				2.80
4.833	0.00	3.18	6.484	O				2.79
4.917	0.00	3.17	6.462	O				2.78
5.000	0.00	3.15	6.440	O				2.78
5.083	0.00	3.14	6.419	O				2.77
5.167	0.00	3.13	6.397	O				2.76
5.250	0.00	3.12	6.375	O				2.75
5.333	0.00	3.11	6.354	O				2.75
5.417	0.00	3.10	6.333	O				2.74
5.500	0.00	3.09	6.311	O				2.73
5.583	0.00	3.07	6.290	O				2.72
5.667	0.00	3.06	6.269	O				2.71
5.750	0.00	3.05	6.248	O				2.71
5.833	0.00	3.04	6.227	O				2.70
5.917	0.00	3.03	6.206	O				2.69
6.000	0.00	3.02	6.185	O				2.68
6.083	0.00	3.01	6.165	O				2.68
6.167	0.00	3.00	6.144	O				2.67
6.250	0.00	2.99	6.123	O				2.66
6.333	0.00	2.97	6.103	O				2.65
6.417	0.00	2.96	6.082	O				2.65
6.500	0.00	2.95	6.062	O				2.64
6.583	0.00	2.94	6.042	O				2.63
6.667	0.00	2.93	6.021	O				2.62
6.750	0.00	2.92	6.001	O				2.62
6.833	0.00	2.91	5.981	O				2.61
6.917	0.00	2.90	5.961	O				2.60
7.000	0.00	2.89	5.941	O				2.60
7.083	0.00	2.88	5.921	O				2.59
7.167	0.00	2.87	5.902	O				2.58
7.250	0.00	2.86	5.882	O				2.57
7.333	0.00	2.85	5.862	O				2.57
7.417	0.00	2.84	5.843	O				2.56
7.500	0.00	2.83	5.823	O				2.55
7.583	0.00	2.82	5.804	O				2.55
7.667	0.00	2.81	5.784	O				2.54
7.750	0.00	2.80	5.765	O				2.53
7.833	0.00	2.79	5.746	O				2.52
7.917	0.00	2.78	5.727	O				2.52
8.000	0.00	2.77	5.708	O				2.51
8.083	0.00	2.76	5.689	O				2.50
8.167	0.00	2.75	5.670	O				2.50
8.250	0.00	2.73	5.651	O				2.49
8.333	0.00	2.73	5.632	O				2.48
8.417	0.00	2.72	5.613	O				2.48
8.500	0.00	2.71	5.595	O				2.47
8.583	0.00	2.70	5.576	O				2.46
8.667	0.00	2.69	5.557	O				2.46
8.750	0.00	2.68	5.539	O				2.45
8.833	0.00	2.67	5.521	O				2.44
8.917	0.00	2.66	5.502	O				2.44
9.000	0.00	2.65	5.484	O				2.43
9.083	0.00	2.64	5.466	O				2.42
9.167	0.00	2.63	5.448	O				2.42
9.250	0.00	2.62	5.430	O				2.41
9.333	0.00	2.61	5.412	O				2.40
9.417	0.00	2.60	5.394	O				2.40
9.500	0.00	2.59	5.376	O				2.39
9.583	0.00	2.58	5.358	O				2.38
9.667	0.00	2.57	5.340	O				2.38

9.750	0.00	2.56	5.323	O				2.37
9.833	0.00	2.55	5.305	O				2.36
9.917	0.00	2.54	5.287	O				2.36
10.000	0.00	2.53	5.270	O				2.35
10.083	0.00	2.52	5.253	O				2.34
10.167	0.00	2.51	5.235	O				2.34
10.250	0.00	2.51	5.218	O				2.33
10.333	0.00	2.50	5.201	O				2.33
10.417	0.00	2.49	5.184	O				2.32
10.500	0.00	2.48	5.166	O				2.31
10.583	0.00	2.47	5.149	O				2.31
10.667	0.00	2.46	5.132	O				2.30
10.750	0.00	2.45	5.116	O				2.30
10.833	0.00	2.44	5.099	O				2.29
10.917	0.00	2.43	5.082	O				2.28
11.000	0.00	2.42	5.065	O				2.28
11.083	0.00	2.42	5.049	O				2.27
11.167	0.00	2.41	5.032	O				2.26
11.250	0.00	2.40	5.015	O				2.26
11.333	0.00	2.39	4.999	O				2.25
11.417	0.00	2.38	4.982	O				2.25
11.500	0.00	2.37	4.966	O				2.24
11.583	0.00	2.36	4.950	O				2.23
11.667	0.00	2.35	4.934	O				2.23
11.750	0.00	2.35	4.917	O				2.22
11.833	0.00	2.34	4.901	O				2.22
11.917	0.00	2.33	4.885	O				2.21
12.000	0.00	2.32	4.869	O				2.21
12.083	0.00	2.31	4.853	O				2.20
12.167	0.00	2.30	4.837	O				2.19
12.250	0.00	2.29	4.821	O				2.19
12.333	0.00	2.29	4.806	O				2.18
12.417	0.00	2.28	4.790	O				2.18
12.500	0.00	2.27	4.774	O				2.17
12.583	0.00	2.26	4.759	O				2.17
12.667	0.00	2.25	4.743	O				2.16
12.750	0.00	2.24	4.728	O				2.15
12.833	0.00	2.24	4.712	O				2.15
12.917	0.00	2.23	4.697	O				2.14
13.000	0.00	2.22	4.682	O				2.14
13.083	0.00	2.21	4.666	O				2.13
13.167	0.00	2.20	4.651	O				2.13
13.250	0.00	2.20	4.636	O				2.12
13.333	0.00	2.19	4.621	O				2.12
13.417	0.00	2.18	4.606	O				2.11
13.500	0.00	2.17	4.591	O				2.10
13.583	0.00	2.16	4.576	O				2.10
13.667	0.00	2.16	4.561	O				2.09
13.750	0.00	2.15	4.546	O				2.09
13.833	0.00	2.14	4.531	O				2.08
13.917	0.00	2.13	4.517	O				2.08
14.000	0.00	2.13	4.502	O				2.07
14.083	0.00	2.12	4.487	O				2.07
14.167	0.00	2.11	4.473	O				2.06
14.250	0.00	2.10	4.458	O				2.06
14.333	0.00	2.09	4.444	O				2.05
14.417	0.00	2.09	4.430	O				2.05
14.500	0.00	2.08	4.415	O				2.04
14.583	0.00	2.07	4.401	O				2.04
14.667	0.00	2.06	4.387	O				2.03
14.750	0.00	2.06	4.372	O				2.02
14.833	0.00	2.05	4.358	O				2.02
14.917	0.00	2.04	4.344	O				2.01

15.000	0.00	2.03	4.330	O					2.01
15.083	0.00	2.03	4.316	O					2.00
15.167	0.00	2.02	4.302	O					2.00
15.250	0.00	2.02	4.288	O					1.99
15.333	0.00	2.02	4.274	O					1.99
15.417	0.00	2.02	4.261	O					1.98
15.500	0.00	2.01	4.247	O					1.98
15.583	0.00	2.01	4.233	O					1.97
15.667	0.00	2.01	4.219	O					1.96
15.750	0.00	2.01	4.205	O					1.96
15.833	0.00	2.01	4.191	O					1.95
15.917	0.00	2.01	4.177	O					1.95
16.000	0.00	2.01	4.164	O					1.94
16.083	0.00	2.01	4.150	O					1.93
16.167	0.00	2.00	4.136	O					1.93
16.250	0.00	2.00	4.122	O					1.92
16.333	0.00	2.00	4.108	O					1.92
16.417	0.00	2.00	4.095	O					1.91
16.500	0.00	2.00	4.081	O					1.91
16.583	0.00	2.00	4.067	O					1.90
16.667	0.00	2.00	4.053	O					1.89
16.750	0.00	2.00	4.040	O					1.89
16.833	0.00	1.99	4.026	O					1.88
16.917	0.00	1.99	4.012	O					1.88
17.000	0.00	1.99	3.998	O					1.87
17.083	0.00	1.99	3.985	O					1.86
17.167	0.00	1.99	3.971	O					1.86
17.250	0.00	1.99	3.957	O					1.85
17.333	0.00	1.99	3.944	O					1.85
17.417	0.00	1.99	3.930	O					1.84
17.500	0.00	1.98	3.916	O					1.84
17.583	0.00	1.98	3.903	O					1.83
17.667	0.00	1.98	3.889	O					1.82
17.750	0.00	1.98	3.875	O					1.82
17.833	0.00	1.98	3.862	O					1.81
17.917	0.00	1.98	3.848	O					1.81
18.000	0.00	1.98	3.834	O					1.80
18.083	0.00	1.97	3.821	O					1.79
18.167	0.00	1.97	3.807	O					1.79
18.250	0.00	1.97	3.794	O					1.78
18.333	0.00	1.97	3.780	O					1.78
18.417	0.00	1.97	3.767	O					1.77
18.500	0.00	1.97	3.753	O					1.77
18.583	0.00	1.97	3.739	O					1.76
18.667	0.00	1.97	3.726	O					1.75
18.750	0.00	1.96	3.712	O					1.75
18.833	0.00	1.96	3.699	O					1.74
18.917	0.00	1.96	3.685	O					1.74
19.000	0.00	1.96	3.672	O					1.73
19.083	0.00	1.96	3.658	O					1.73
19.167	0.00	1.96	3.645	O					1.72
19.250	0.00	1.96	3.631	O					1.71
19.333	0.00	1.96	3.618	O					1.71
19.417	0.00	1.95	3.604	O					1.70
19.500	0.00	1.95	3.591	O					1.70
19.583	0.00	1.95	3.577	O					1.69
19.667	0.00	1.95	3.564	O					1.69
19.750	0.00	1.95	3.551	O					1.68
19.833	0.00	1.95	3.537	O					1.67
19.917	0.00	1.95	3.524	O					1.67
20.000	0.00	1.95	3.510	O					1.66
20.083	0.00	1.94	3.497	O					1.66
20.167	0.00	1.94	3.484	O					1.65

20.250	0.00	1.94	3.470	O				1.65
20.333	0.00	1.94	3.457	O				1.64
20.417	0.00	1.94	3.443	O				1.63
20.500	0.00	1.94	3.430	O				1.63
20.583	0.00	1.94	3.417	O				1.62
20.667	0.00	1.94	3.403	O				1.62
20.750	0.00	1.93	3.390	O				1.61
20.833	0.00	1.93	3.377	O				1.61
20.917	0.00	1.93	3.363	O				1.60
21.000	0.00	1.93	3.350	O				1.60
21.083	0.00	1.93	3.337	O				1.59
21.167	0.00	1.93	3.324	O				1.58
21.250	0.00	1.93	3.310	O				1.58
21.333	0.00	1.93	3.297	O				1.57
21.417	0.00	1.92	3.284	O				1.57
21.500	0.00	1.92	3.270	O				1.56
21.583	0.00	1.92	3.257	O				1.56
21.667	0.00	1.92	3.244	O				1.55
21.750	0.00	1.92	3.231	O				1.54
21.833	0.00	1.92	3.218	O				1.54
21.917	0.00	1.92	3.204	O				1.53
22.000	0.00	1.92	3.191	O				1.53
22.083	0.00	1.91	3.178	O				1.52
22.167	0.00	1.91	3.165	O				1.52
22.250	0.00	1.91	3.152	O				1.51
22.333	0.00	1.91	3.138	O				1.51
22.417	0.00	1.91	3.125	O				1.50
22.500	0.00	1.91	3.112	O				1.49
22.583	0.00	1.91	3.099	O				1.49
22.667	0.00	1.91	3.086	O				1.48
22.750	0.00	1.91	3.073	O				1.48
22.833	0.00	1.90	3.060	O				1.47
22.917	0.00	1.90	3.047	O				1.47
23.000	0.00	1.90	3.033	O				1.46
23.083	0.00	1.90	3.020	O				1.46
23.167	0.00	1.90	3.007	O				1.45
23.250	0.00	1.90	2.994	O				1.44
23.333	0.00	1.90	2.981	O				1.44
23.417	0.00	1.90	2.968	O				1.43
23.500	0.00	1.89	2.955	O				1.43
23.583	0.00	1.89	2.942	O				1.42
23.667	0.00	1.89	2.929	O				1.42
23.750	0.00	1.89	2.916	O				1.41
23.833	0.00	1.89	2.903	O				1.41
23.917	0.00	1.89	2.890	O				1.40
24.000	0.00	1.89	2.877	O				1.39
24.083	0.00	1.89	2.864	O				1.39
24.167	0.00	1.88	2.851	O				1.38
24.250	0.00	1.88	2.838	O				1.38
24.333	0.00	1.88	2.825	O				1.37
24.417	0.00	1.88	2.812	O				1.37
24.500	0.00	1.88	2.799	O				1.36
24.583	0.00	1.88	2.786	O				1.36
24.667	0.00	1.88	2.773	O				1.35
24.750	0.00	1.88	2.760	O				1.34
24.833	0.00	1.87	2.747	O				1.34
24.917	0.00	1.87	2.734	O				1.33
25.000	0.00	1.87	2.722	O				1.33
25.083	0.00	1.87	2.709	O				1.32
25.167	0.00	1.87	2.696	O				1.32
25.250	0.00	1.87	2.683	O				1.31
25.333	0.00	1.87	2.670	O				1.31
25.417	0.00	1.87	2.657	O				1.30

25.500	0.00	1.87	2.644	O	|	|	|	|	1.30
25.583	0.00	1.86	2.631	O	|	|	|	|	1.29
25.667	0.00	1.86	2.619	O	|	|	|	|	1.28
25.750	0.00	1.86	2.606	O	|	|	|	|	1.28
25.833	0.00	1.86	2.593	O	|	|	|	|	1.27
25.917	0.00	1.86	2.580	O	|	|	|	|	1.27
26.000	0.00	1.86	2.567	O	|	|	|	|	1.26
26.083	0.00	1.86	2.555	O	|	|	|	|	1.26
26.167	0.00	1.86	2.542	O	|	|	|	|	1.25
26.250	0.00	1.85	2.529	O	|	|	|	|	1.25
26.333	0.00	1.85	2.516	O	|	|	|	|	1.24
26.417	0.00	1.85	2.504	O	|	|	|	|	1.24
26.500	0.00	1.85	2.491	O	|	|	|	|	1.23
26.583	0.00	1.85	2.478	O	|	|	|	|	1.22
26.667	0.00	1.85	2.465	O	|	|	|	|	1.22
26.750	0.00	1.85	2.453	O	|	|	|	|	1.21
26.833	0.00	1.85	2.440	O	|	|	|	|	1.21
26.917	0.00	1.84	2.427	O	|	|	|	|	1.20
27.000	0.00	1.84	2.414	O	|	|	|	|	1.20
27.083	0.00	1.84	2.402	O	|	|	|	|	1.19
27.167	0.00	1.84	2.389	O	|	|	|	|	1.19
27.250	0.00	1.84	2.376	O	|	|	|	|	1.18
27.333	0.00	1.84	2.364	O	|	|	|	|	1.18
27.417	0.00	1.84	2.351	O	|	|	|	|	1.17
27.500	0.00	1.84	2.338	O	|	|	|	|	1.17
27.583	0.00	1.84	2.326	O	|	|	|	|	1.16
27.667	0.00	1.83	2.313	O	|	|	|	|	1.15
27.750	0.00	1.83	2.301	O	|	|	|	|	1.15
27.833	0.00	1.83	2.288	O	|	|	|	|	1.14
27.917	0.00	1.83	2.275	O	|	|	|	|	1.14
28.000	0.00	1.83	2.263	O	|	|	|	|	1.13
28.083	0.00	1.83	2.250	O	|	|	|	|	1.13
28.167	0.00	1.83	2.238	O	|	|	|	|	1.12
28.250	0.00	1.83	2.225	O	|	|	|	|	1.12
28.333	0.00	1.82	2.212	O	|	|	|	|	1.11
28.417	0.00	1.82	2.200	O	|	|	|	|	1.11
28.500	0.00	1.82	2.187	O	|	|	|	|	1.10
28.583	0.00	1.82	2.175	O	|	|	|	|	1.10
28.667	0.00	1.82	2.162	O	|	|	|	|	1.09
28.750	0.00	1.82	2.150	O	|	|	|	|	1.09
28.833	0.00	1.82	2.137	O	|	|	|	|	1.08
28.917	0.00	1.82	2.125	O	|	|	|	|	1.07
29.000	0.00	1.82	2.112	O	|	|	|	|	1.07
29.083	0.00	1.81	2.100	O	|	|	|	|	1.06
29.167	0.00	1.81	2.087	O	|	|	|	|	1.06
29.250	0.00	1.81	2.075	O	|	|	|	|	1.05
29.333	0.00	1.81	2.062	O	|	|	|	|	1.05
29.417	0.00	1.81	2.050	O	|	|	|	|	1.04
29.500	0.00	1.81	2.037	O	|	|	|	|	1.04
29.583	0.00	1.81	2.025	O	|	|	|	|	1.03
29.667	0.00	1.81	2.012	O	|	|	|	|	1.03
29.750	0.00	1.80	2.000	O	|	|	|	|	1.02
29.833	0.00	1.80	1.987	O	|	|	|	|	1.02
29.917	0.00	1.80	1.975	O	|	|	|	|	1.01
30.000	0.00	1.80	1.963	O	|	|	|	|	1.01
30.083	0.00	1.80	1.950	O	|	|	|	|	1.00
30.167	0.00	1.79	1.938	O	|	|	|	|	0.99
30.250	0.00	1.78	1.926	O	|	|	|	|	0.99
30.333	0.00	1.77	1.913	O	|	|	|	|	0.98
30.417	0.00	1.76	1.901	O	|	|	|	|	0.98
30.500	0.00	1.75	1.889	O	|	|	|	|	0.97
30.583	0.00	1.73	1.877	O	|	|	|	|	0.96
30.667	0.00	1.72	1.865	O	|	|	|	|	0.96

30.750	0.00	1.71	1.853	O					0.95
30.833	0.00	1.70	1.842	O					0.95
30.917	0.00	1.69	1.830	O					0.94
31.000	0.00	1.68	1.818	O					0.93
31.083	0.00	1.67	1.807	O					0.93
31.167	0.00	1.66	1.795	O					0.92
31.250	0.00	1.65	1.784	O					0.92
31.333	0.00	1.64	1.773	O					0.91
31.417	0.00	1.63	1.761	O					0.90
31.500	0.00	1.62	1.750	O					0.90
31.583	0.00	1.61	1.739	O					0.89
31.667	0.00	1.60	1.728	O					0.89
31.750	0.00	1.59	1.717	O					0.88
31.833	0.00	1.58	1.706	O					0.88
31.917	0.00	1.57	1.695	O					0.87
32.000	0.00	1.56	1.685	O					0.86
32.083	0.00	1.55	1.674	O					0.86
32.167	0.00	1.54	1.663	O					0.85
32.250	0.00	1.53	1.653	O					0.85
32.333	0.00	1.52	1.642	O					0.84
32.417	0.00	1.51	1.632	O					0.84
32.500	0.00	1.50	1.622	O					0.83
32.583	0.00	1.49	1.611	O					0.83
32.667	0.00	1.48	1.601	O					0.82
32.750	0.00	1.47	1.591	O					0.82
32.833	0.00	1.46	1.581	O					0.81
32.917	0.00	1.45	1.571	O					0.81
33.000	0.00	1.44	1.561	O					0.80
33.083	0.00	1.43	1.551	O					0.80
33.167	0.00	1.42	1.541	O					0.79
33.250	0.00	1.41	1.531	O					0.79
33.333	0.00	1.41	1.522	O					0.78
33.417	0.00	1.40	1.512	O					0.78
33.500	0.00	1.39	1.502	O					0.77
33.583	0.00	1.38	1.493	O					0.77
33.667	0.00	1.37	1.483	O					0.76
33.750	0.00	1.36	1.474	O					0.76
33.833	0.00	1.35	1.465	O					0.75
33.917	0.00	1.34	1.455	O					0.75
34.000	0.00	1.34	1.446	O					0.74
34.083	0.00	1.33	1.437	O					0.74
34.167	0.00	1.32	1.428	O					0.73
34.250	0.00	1.31	1.419	O					0.73
34.333	0.00	1.30	1.410	O					0.72
34.417	0.00	1.29	1.401	O					0.72
34.500	0.00	1.29	1.392	O					0.71
34.583	0.00	1.28	1.383	O					0.71
34.667	0.00	1.27	1.374	O					0.71
34.750	0.00	1.26	1.366	O					0.70
34.833	0.00	1.25	1.357	O					0.70
34.917	0.00	1.25	1.348	O					0.69
35.000	0.00	1.24	1.340	O					0.69
35.083	0.00	1.23	1.331	O					0.68
35.167	0.00	1.22	1.323	O					0.68
35.250	0.00	1.21	1.314	O					0.67
35.333	0.00	1.21	1.306	O					0.67
35.417	0.00	1.20	1.298	O					0.67
35.500	0.00	1.19	1.290	O					0.66
35.583	0.00	1.18	1.281	O					0.66
35.667	0.00	1.18	1.273	O					0.65
35.750	0.00	1.17	1.265	O					0.65
35.833	0.00	1.16	1.257	O					0.65
35.917	0.00	1.15	1.249	O					0.64

36.000	0.00	1.15	1.241	O				0.64
36.083	0.00	1.14	1.233	O				0.63
36.167	0.00	1.13	1.226	O				0.63
36.250	0.00	1.13	1.218	O				0.63
36.333	0.00	1.12	1.210	O				0.62
36.417	0.00	1.11	1.202	O				0.62
36.500	0.00	1.10	1.195	O				0.61
36.583	0.00	1.10	1.187	O				0.61
36.667	0.00	1.09	1.180	O				0.61
36.750	0.00	1.08	1.172	O				0.60
36.833	0.00	1.08	1.165	O				0.60
36.917	0.00	1.07	1.157	O				0.59
37.000	0.00	1.06	1.150	O				0.59
37.083	0.00	1.06	1.143	O				0.59
37.167	0.00	1.05	1.135	O				0.58
37.250	0.00	1.04	1.128	O				0.58
37.333	0.00	1.04	1.121	O				0.58
37.417	0.00	1.03	1.114	O				0.57
37.500	0.00	1.02	1.107	O				0.57
37.583	0.00	1.02	1.100	O				0.56
37.667	0.00	1.01	1.093	O				0.56
37.750	0.00	1.00	1.086	O				0.56
37.833	0.00	1.00	1.079	O				0.55
37.917	0.00	0.99	1.072	O				0.55
38.000	0.00	0.98	1.065	O				0.55
38.083	0.00	0.98	1.059	O				0.54
38.167	0.00	0.97	1.052	O				0.54
38.250	0.00	0.97	1.045	O				0.54
38.333	0.00	0.96	1.039	O				0.53
38.417	0.00	0.95	1.032	O				0.53
38.500	0.00	0.95	1.026	O				0.53
38.583	0.00	0.94	1.019	O				0.52
38.667	0.00	0.94	1.013	O				0.52
38.750	0.00	0.93	1.006	O				0.52
38.833	0.00	0.92	1.000	O				0.51
38.917	0.00	0.92	0.993	O				0.51
39.000	0.00	0.91	0.987	O				0.51
39.083	0.00	0.91	0.981	O				0.50
39.167	0.00	0.90	0.975	O				0.50
39.250	0.00	0.89	0.968	O				0.50
39.333	0.00	0.89	0.962	O				0.49
39.417	0.00	0.88	0.956	O				0.49
39.500	0.00	0.88	0.950	O				0.49
39.583	0.00	0.87	0.944	O				0.48
39.667	0.00	0.87	0.938	O				0.48
39.750	0.00	0.86	0.932	O				0.48
39.833	0.00	0.86	0.926	O				0.48
39.917	0.00	0.85	0.920	O				0.47
40.000	0.00	0.85	0.915	O				0.47
40.083	0.00	0.84	0.909	O				0.47
40.167	0.00	0.83	0.903	O				0.46
40.250	0.00	0.83	0.897	O				0.46
40.333	0.00	0.82	0.892	O				0.46
40.417	0.00	0.82	0.886	O				0.45
40.500	0.00	0.81	0.880	O				0.45
40.583	0.00	0.81	0.875	O				0.45
40.667	0.00	0.80	0.869	O				0.45
40.750	0.00	0.80	0.864	O				0.44
40.833	0.00	0.79	0.858	O				0.44
40.917	0.00	0.79	0.853	O				0.44
41.000	0.00	0.78	0.847	O				0.43
41.083	0.00	0.78	0.842	O				0.43
41.167	0.00	0.77	0.837	O				0.43

41.250	0.00	0.77	0.831	O					0.43
41.333	0.00	0.76	0.826	O					0.42
41.417	0.00	0.76	0.821	O					0.42
41.500	0.00	0.75	0.816	O					0.42
41.583	0.00	0.75	0.810	O					0.42
41.667	0.00	0.74	0.805	O					0.41
41.750	0.00	0.74	0.800	O					0.41
41.833	0.00	0.73	0.795	O					0.41
41.917	0.00	0.73	0.790	O					0.41
42.000	0.00	0.73	0.785	O					0.40
42.083	0.00	0.72	0.780	O					0.40
42.167	0.00	0.72	0.775	O					0.40
42.250	0.00	0.71	0.770	O					0.40
42.333	0.00	0.71	0.765	O					0.39
42.417	0.00	0.70	0.760	O					0.39
42.500	0.00	0.70	0.756	O					0.39
42.583	0.00	0.69	0.751	O					0.39
42.667	0.00	0.69	0.746	O					0.38
42.750	0.00	0.68	0.741	O					0.38
42.833	0.00	0.68	0.737	O					0.38
42.917	0.00	0.68	0.732	O					0.38
43.000	0.00	0.67	0.727	O					0.37
43.083	0.00	0.67	0.723	O					0.37
43.167	0.00	0.66	0.718	O					0.37
43.250	0.00	0.66	0.714	O					0.37
43.333	0.00	0.66	0.709	O					0.36
43.417	0.00	0.65	0.705	O					0.36
43.500	0.00	0.65	0.700	O					0.36
43.583	0.00	0.64	0.696	O					0.36
43.667	0.00	0.64	0.691	O					0.35
43.750	0.00	0.63	0.687	O					0.35
43.833	0.00	0.63	0.682	O					0.35
43.917	0.00	0.63	0.678	O					0.35
44.000	0.00	0.62	0.674	O					0.35
44.083	0.00	0.62	0.670	O					0.34
44.167	0.00	0.61	0.665	O					0.34
44.250	0.00	0.61	0.661	O					0.34
44.333	0.00	0.61	0.657	O					0.34
44.417	0.00	0.60	0.653	O					0.34
44.500	0.00	0.60	0.649	O					0.33
44.583	0.00	0.60	0.644	O					0.33
44.667	0.00	0.59	0.640	O					0.33
44.750	0.00	0.59	0.636	O					0.33
44.833	0.00	0.58	0.632	O					0.32
44.917	0.00	0.58	0.628	O					0.32
45.000	0.00	0.58	0.624	O					0.32
45.083	0.00	0.57	0.620	O					0.32
45.167	0.00	0.57	0.616	O					0.32
45.250	0.00	0.57	0.612	O					0.31
45.333	0.00	0.56	0.609	O					0.31
45.417	0.00	0.56	0.605	O					0.31
45.500	0.00	0.56	0.601	O					0.31
45.583	0.00	0.55	0.597	O					0.31
45.667	0.00	0.55	0.593	O					0.30
45.750	0.00	0.54	0.590	O					0.30
45.833	0.00	0.54	0.586	O					0.30
45.917	0.00	0.54	0.582	O					0.30
46.000	0.00	0.53	0.578	O					0.30
46.083	0.00	0.53	0.575	O					0.30
46.167	0.00	0.53	0.571	O					0.29
46.250	0.00	0.52	0.567	O					0.29
46.333	0.00	0.52	0.564	O					0.29
46.417	0.00	0.52	0.560	O					0.29

46.500	0.00	0.51	0.557	O					0.29
46.583	0.00	0.51	0.553	O					0.28
46.667	0.00	0.51	0.550	O					0.28
46.750	0.00	0.50	0.546	O					0.28
46.833	0.00	0.50	0.543	O					0.28
46.917	0.00	0.50	0.539	O					0.28
47.000	0.00	0.50	0.536	O					0.28
47.083	0.00	0.49	0.532	O					0.27
47.167	0.00	0.49	0.529	O					0.27
47.250	0.00	0.49	0.526	O					0.27
47.333	0.00	0.48	0.522	O					0.27
47.417	0.00	0.48	0.519	O					0.27
47.500	0.00	0.48	0.516	O					0.26
47.583	0.00	0.47	0.513	O					0.26
47.667	0.00	0.47	0.509	O					0.26
47.750	0.00	0.47	0.506	O					0.26
47.833	0.00	0.46	0.503	O					0.26
47.917	0.00	0.46	0.500	O					0.26
48.000	0.00	0.46	0.496	O					0.25
48.083	0.00	0.46	0.493	O					0.25
48.167	0.00	0.45	0.490	O					0.25
48.250	0.00	0.45	0.487	O					0.25
48.333	0.00	0.45	0.484	O					0.25
48.417	0.00	0.44	0.481	O					0.25
48.500	0.00	0.44	0.478	O					0.25
48.583	0.00	0.44	0.475	O					0.24
48.667	0.00	0.44	0.472	O					0.24
48.750	0.00	0.43	0.469	O					0.24
48.833	0.00	0.43	0.466	O					0.24
48.917	0.00	0.43	0.463	O					0.24
49.000	0.00	0.43	0.460	O					0.24
49.083	0.00	0.42	0.457	O					0.23
49.167	0.00	0.42	0.454	O					0.23
49.250	0.00	0.42	0.451	O					0.23
49.333	0.00	0.41	0.448	O					0.23
49.417	0.00	0.41	0.446	O					0.23
49.500	0.00	0.41	0.443	O					0.23
49.583	0.00	0.41	0.440	O					0.23
49.667	0.00	0.40	0.437	O					0.22
49.750	0.00	0.40	0.434	O					0.22
49.833	0.00	0.40	0.432	O					0.22
49.917	0.00	0.40	0.429	O					0.22
50.000	0.00	0.39	0.426	O					0.22
50.083	0.00	0.39	0.423	O					0.22
50.167	0.00	0.39	0.421	O					0.22
50.250	0.00	0.39	0.418	O					0.21
50.333	0.00	0.38	0.415	O					0.21
50.417	0.00	0.38	0.413	O					0.21
50.500	0.00	0.38	0.410	O					0.21
50.583	0.00	0.38	0.408	O					0.21
50.667	0.00	0.37	0.405	O					0.21
50.750	0.00	0.37	0.402	O					0.21
50.833	0.00	0.37	0.400	O					0.21
50.917	0.00	0.37	0.397	O					0.20
51.000	0.00	0.36	0.395	O					0.20
51.083	0.00	0.36	0.392	O					0.20
51.167	0.00	0.36	0.390	O					0.20
51.250	0.00	0.36	0.387	O					0.20
51.333	0.00	0.36	0.385	O					0.20
51.417	0.00	0.35	0.382	O					0.20
51.500	0.00	0.35	0.380	O					0.20
51.583	0.00	0.35	0.378	O					0.19
51.667	0.00	0.35	0.375	O					0.19

51.750	0.00	0.34	0.373	O				0.19
51.833	0.00	0.34	0.370	O				0.19
51.917	0.00	0.34	0.368	O				0.19
52.000	0.00	0.34	0.366	O				0.19
52.083	0.00	0.34	0.363	O				0.19
52.167	0.00	0.33	0.361	O				0.19
52.250	0.00	0.33	0.359	O				0.18
52.333	0.00	0.33	0.357	O				0.18
52.417	0.00	0.33	0.354	O				0.18
52.500	0.00	0.33	0.352	O				0.18
52.583	0.00	0.32	0.350	O				0.18
52.667	0.00	0.32	0.348	O				0.18
52.750	0.00	0.32	0.345	O				0.18
52.833	0.00	0.32	0.343	O				0.18
52.917	0.00	0.32	0.341	O				0.18
53.000	0.00	0.31	0.339	O				0.17
53.083	0.00	0.31	0.337	O				0.17
53.167	0.00	0.31	0.335	O				0.17
53.250	0.00	0.31	0.332	O				0.17
53.333	0.00	0.31	0.330	O				0.17
53.417	0.00	0.30	0.328	O				0.17
53.500	0.00	0.30	0.326	O				0.17
53.583	0.00	0.30	0.324	O				0.17
53.667	0.00	0.30	0.322	O				0.17
53.750	0.00	0.30	0.320	O				0.16
53.833	0.00	0.29	0.318	O				0.16
53.917	0.00	0.29	0.316	O				0.16
54.000	0.00	0.29	0.314	O				0.16
54.083	0.00	0.29	0.312	O				0.16
54.167	0.00	0.29	0.310	O				0.16
54.250	0.00	0.28	0.308	O				0.16
54.333	0.00	0.28	0.306	O				0.16
54.417	0.00	0.28	0.304	O				0.16
54.500	0.00	0.28	0.302	O				0.16
54.583	0.00	0.28	0.300	O				0.15
54.667	0.00	0.28	0.298	O				0.15
54.750	0.00	0.27	0.296	O				0.15
54.833	0.00	0.27	0.295	O				0.15
54.917	0.00	0.27	0.293	O				0.15
55.000	0.00	0.27	0.291	O				0.15
55.083	0.00	0.27	0.289	O				0.15
55.167	0.00	0.27	0.287	O				0.15
55.250	0.00	0.26	0.285	O				0.15
55.333	0.00	0.26	0.284	O				0.15
55.417	0.00	0.26	0.282	O				0.14
55.500	0.00	0.26	0.280	O				0.14
55.583	0.00	0.26	0.278	O				0.14
55.667	0.00	0.26	0.276	O				0.14
55.750	0.00	0.25	0.275	O				0.14
55.833	0.00	0.25	0.273	O				0.14
55.917	0.00	0.25	0.271	O				0.14
56.000	0.00	0.25	0.269	O				0.14
56.083	0.00	0.25	0.268	O				0.14
56.167	0.00	0.25	0.266	O				0.14
56.250	0.00	0.24	0.264	O				0.14
56.333	0.00	0.24	0.263	O				0.13
56.417	0.00	0.24	0.261	O				0.13
56.500	0.00	0.24	0.259	O				0.13
56.583	0.00	0.24	0.258	O				0.13
56.667	0.00	0.24	0.256	O				0.13
56.750	0.00	0.24	0.254	O				0.13
56.833	0.00	0.23	0.253	O				0.13
56.917	0.00	0.23	0.251	O				0.13

57.000	0.00	0.23	0.250	O				0.13
57.083	0.00	0.23	0.248	O				0.13
57.167	0.00	0.23	0.247	O				0.13
57.250	0.00	0.23	0.245	O				0.13
57.333	0.00	0.22	0.243	O				0.12
57.417	0.00	0.22	0.242	O				0.12
57.500	0.00	0.22	0.240	O				0.12
57.583	0.00	0.22	0.239	O				0.12
57.667	0.00	0.22	0.237	O				0.12
57.750	0.00	0.22	0.236	O				0.12
57.833	0.00	0.22	0.234	O				0.12
57.917	0.00	0.22	0.233	O				0.12
58.000	0.00	0.21	0.231	O				0.12
58.083	0.00	0.21	0.230	O				0.12
58.167	0.00	0.21	0.228	O				0.12
58.250	0.00	0.21	0.227	O				0.12
58.333	0.00	0.21	0.226	O				0.12
58.417	0.00	0.21	0.224	O				0.12
58.500	0.00	0.21	0.223	O				0.11
58.583	0.00	0.20	0.221	O				0.11
58.667	0.00	0.20	0.220	O				0.11
58.750	0.00	0.20	0.218	O				0.11
58.833	0.00	0.20	0.217	O				0.11
58.917	0.00	0.20	0.216	O				0.11
59.000	0.00	0.20	0.214	O				0.11
59.083	0.00	0.20	0.213	O				0.11
59.167	0.00	0.20	0.212	O				0.11
59.250	0.00	0.19	0.210	O				0.11
59.333	0.00	0.19	0.209	O				0.11
59.417	0.00	0.19	0.208	O				0.11
59.500	0.00	0.19	0.206	O				0.11
59.583	0.00	0.19	0.205	O				0.11
59.667	0.00	0.19	0.204	O				0.10
59.750	0.00	0.19	0.202	O				0.10
59.833	0.00	0.19	0.201	O				0.10
59.917	0.00	0.18	0.200	O				0.10
60.000	0.00	0.18	0.199	O				0.10
60.083	0.00	0.18	0.197	O				0.10
60.167	0.00	0.18	0.196	O				0.10
60.250	0.00	0.18	0.195	O				0.10
60.333	0.00	0.18	0.194	O				0.10
60.417	0.00	0.18	0.192	O				0.10
60.500	0.00	0.18	0.191	O				0.10
60.583	0.00	0.18	0.190	O				0.10
60.667	0.00	0.17	0.189	O				0.10
60.750	0.00	0.17	0.188	O				0.10
60.833	0.00	0.17	0.186	O				0.10
60.917	0.00	0.17	0.185	O				0.10
61.000	0.00	0.17	0.184	O				0.09
61.083	0.00	0.17	0.183	O				0.09
61.167	0.00	0.17	0.182	O				0.09
61.250	0.00	0.17	0.180	O				0.09
61.333	0.00	0.17	0.179	O				0.09
61.417	0.00	0.16	0.178	O				0.09
61.500	0.00	0.16	0.177	O				0.09
61.583	0.00	0.16	0.176	O				0.09
61.667	0.00	0.16	0.175	O				0.09
61.750	0.00	0.16	0.174	O				0.09
61.833	0.00	0.16	0.173	O				0.09
61.917	0.00	0.16	0.172	O				0.09
62.000	0.00	0.16	0.170	O				0.09
62.083	0.00	0.16	0.169	O				0.09
62.167	0.00	0.16	0.168	O				0.09

62.250	0.00	0.15	0.167	O				0.09
62.333	0.00	0.15	0.166	O				0.09
62.417	0.00	0.15	0.165	O				0.08
62.500	0.00	0.15	0.164	O				0.08
62.583	0.00	0.15	0.163	O				0.08
62.667	0.00	0.15	0.162	O				0.08
62.750	0.00	0.15	0.161	O				0.08
62.833	0.00	0.15	0.160	O				0.08
62.917	0.00	0.15	0.159	O				0.08
63.000	0.00	0.15	0.158	O				0.08
63.083	0.00	0.14	0.157	O				0.08
63.167	0.00	0.14	0.156	O				0.08
63.250	0.00	0.14	0.155	O				0.08
63.333	0.00	0.14	0.154	O				0.08
63.417	0.00	0.14	0.153	O				0.08
63.500	0.00	0.14	0.152	O				0.08
63.583	0.00	0.14	0.151	O				0.08
63.667	0.00	0.14	0.150	O				0.08
63.750	0.00	0.14	0.149	O				0.08
63.833	0.00	0.14	0.148	O				0.08
63.917	0.00	0.14	0.147	O				0.08
64.000	0.00	0.14	0.146	O				0.08
64.083	0.00	0.13	0.145	O				0.07
64.167	0.00	0.13	0.144	O				0.07
64.250	0.00	0.13	0.144	O				0.07
64.333	0.00	0.13	0.143	O				0.07
64.417	0.00	0.13	0.142	O				0.07
64.500	0.00	0.13	0.141	O				0.07
64.583	0.00	0.13	0.140	O				0.07
64.667	0.00	0.13	0.139	O				0.07
64.750	0.00	0.13	0.138	O				0.07
64.833	0.00	0.13	0.137	O				0.07
64.917	0.00	0.13	0.136	O				0.07
65.000	0.00	0.13	0.136	O				0.07
65.083	0.00	0.12	0.135	O				0.07
65.167	0.00	0.12	0.134	O				0.07
65.250	0.00	0.12	0.133	O				0.07
65.333	0.00	0.12	0.132	O				0.07
65.417	0.00	0.12	0.131	O				0.07
65.500	0.00	0.12	0.130	O				0.07
65.583	0.00	0.12	0.130	O				0.07
65.667	0.00	0.12	0.129	O				0.07
65.750	0.00	0.12	0.128	O				0.07
65.833	0.00	0.12	0.127	O				0.07
65.917	0.00	0.12	0.126	O				0.06
66.000	0.00	0.12	0.126	O				0.06
66.083	0.00	0.12	0.125	O				0.06
66.167	0.00	0.11	0.124	O				0.06
66.250	0.00	0.11	0.123	O				0.06
66.333	0.00	0.11	0.122	O				0.06
66.417	0.00	0.11	0.122	O				0.06
66.500	0.00	0.11	0.121	O				0.06
66.583	0.00	0.11	0.120	O				0.06
66.667	0.00	0.11	0.119	O				0.06
66.750	0.00	0.11	0.119	O				0.06
66.833	0.00	0.11	0.118	O				0.06
66.917	0.00	0.11	0.117	O				0.06
67.000	0.00	0.11	0.116	O				0.06
67.083	0.00	0.11	0.116	O				0.06
67.167	0.00	0.11	0.115	O				0.06
67.250	0.00	0.11	0.114	O				0.06
67.333	0.00	0.10	0.113	O				0.06
67.417	0.00	0.10	0.113	O				0.06

67.500	0.00	0.10	0.112	O				0.06
67.583	0.00	0.10	0.111	O				0.06
67.667	0.00	0.10	0.111	O				0.06
67.750	0.00	0.10	0.110	O				0.06
67.833	0.00	0.10	0.109	O				0.06
67.917	0.00	0.10	0.108	O				0.06
68.000	0.00	0.10	0.108	O				0.06
68.083	0.00	0.10	0.107	O				0.05
68.167	0.00	0.10	0.106	O				0.05
68.250	0.00	0.10	0.106	O				0.05
68.333	0.00	0.10	0.105	O				0.05
68.417	0.00	0.10	0.104	O				0.05
68.500	0.00	0.10	0.104	O				0.05
68.583	0.00	0.10	0.103	O				0.05
68.667	0.00	0.09	0.102	O				0.05
68.750	0.00	0.09	0.102	O				0.05
68.833	0.00	0.09	0.101	O				0.05
68.917	0.00	0.09	0.101	O				0.05
69.000	0.00	0.09	0.100	O				0.05
69.083	0.00	0.09	0.099	O				0.05
69.167	0.00	0.09	0.099	O				0.05
69.250	0.00	0.09	0.098	O				0.05
69.333	0.00	0.09	0.097	O				0.05
69.417	0.00	0.09	0.097	O				0.05
69.500	0.00	0.09	0.096	O				0.05
69.583	0.00	0.09	0.096	O				0.05
69.667	0.00	0.09	0.095	O				0.05
69.750	0.00	0.09	0.094	O				0.05
69.833	0.00	0.09	0.094	O				0.05
69.917	0.00	0.09	0.093	O				0.05
70.000	0.00	0.09	0.093	O				0.05
70.083	0.00	0.08	0.092	O				0.05
70.167	0.00	0.08	0.091	O				0.05
70.250	0.00	0.08	0.091	O				0.05
70.333	0.00	0.08	0.090	O				0.05
70.417	0.00	0.08	0.090	O				0.05
70.500	0.00	0.08	0.089	O				0.05
70.583	0.00	0.08	0.088	O				0.05
70.667	0.00	0.08	0.088	O				0.05
70.750	0.00	0.08	0.087	O				0.04
70.833	0.00	0.08	0.087	O				0.04
70.917	0.00	0.08	0.086	O				0.04
71.000	0.00	0.08	0.086	O				0.04
71.083	0.00	0.08	0.085	O				0.04
71.167	0.00	0.08	0.085	O				0.04
71.250	0.00	0.08	0.084	O				0.04
71.333	0.00	0.08	0.084	O				0.04
71.417	0.00	0.08	0.083	O				0.04
71.500	0.00	0.08	0.083	O				0.04
71.583	0.00	0.08	0.082	O				0.04
71.667	0.00	0.08	0.081	O				0.04
71.750	0.00	0.07	0.081	O				0.04
71.833	0.00	0.07	0.080	O				0.04
71.917	0.00	0.07	0.080	O				0.04
72.000	0.00	0.07	0.079	O				0.04
72.083	0.00	0.07	0.079	O				0.04
72.167	0.00	0.07	0.078	O				0.04
72.250	0.00	0.07	0.078	O				0.04
72.333	0.00	0.07	0.077	O				0.04
72.417	0.00	0.07	0.077	O				0.04
72.500	0.00	0.07	0.076	O				0.04
72.583	0.00	0.07	0.076	O				0.04
72.667	0.00	0.07	0.075	O				0.04

72.750	0.00	0.07	0.075	O					0.04
72.833	0.00	0.07	0.075	O					0.04
72.917	0.00	0.07	0.074	O					0.04
73.000	0.00	0.07	0.074	O					0.04
73.083	0.00	0.07	0.073	O					0.04
73.167	0.00	0.07	0.073	O					0.04
73.250	0.00	0.07	0.072	O					0.04
73.333	0.00	0.07	0.072	O					0.04
73.417	0.00	0.07	0.071	O					0.04
73.500	0.00	0.07	0.071	O					0.04
73.583	0.00	0.07	0.070	O					0.04
73.667	0.00	0.06	0.070	O					0.04
73.750	0.00	0.06	0.069	O					0.04
73.833	0.00	0.06	0.069	O					0.04
73.917	0.00	0.06	0.069	O					0.04
74.000	0.00	0.06	0.068	O					0.03
74.083	0.00	0.06	0.068	O					0.03
74.167	0.00	0.06	0.067	O					0.03
74.250	0.00	0.06	0.067	O					0.03
74.333	0.00	0.06	0.066	O					0.03
74.417	0.00	0.06	0.066	O					0.03
74.500	0.00	0.06	0.066	O					0.03
74.583	0.00	0.06	0.065	O					0.03
74.667	0.00	0.06	0.065	O					0.03
74.750	0.00	0.06	0.064	O					0.03
74.833	0.00	0.06	0.064	O					0.03
74.917	0.00	0.06	0.064	O					0.03
75.000	0.00	0.06	0.063	O					0.03
75.083	0.00	0.06	0.063	O					0.03
75.167	0.00	0.06	0.062	O					0.03
75.250	0.00	0.06	0.062	O					0.03
75.333	0.00	0.06	0.062	O					0.03
75.417	0.00	0.06	0.061	O					0.03
75.500	0.00	0.06	0.061	O					0.03
75.583	0.00	0.06	0.060	O					0.03
75.667	0.00	0.06	0.060	O					0.03
75.750	0.00	0.06	0.060	O					0.03
75.833	0.00	0.05	0.059	O					0.03
75.917	0.00	0.05	0.059	O					0.03
76.000	0.00	0.05	0.059	O					0.03
76.083	0.00	0.05	0.058	O					0.03
76.167	0.00	0.05	0.058	O					0.03
76.250	0.00	0.05	0.057	O					0.03
76.333	0.00	0.05	0.057	O					0.03
76.417	0.00	0.05	0.057	O					0.03
76.500	0.00	0.05	0.056	O					0.03
76.583	0.00	0.05	0.056	O					0.03
76.667	0.00	0.05	0.056	O					0.03
76.750	0.00	0.05	0.055	O					0.03
76.833	0.00	0.05	0.055	O					0.03
76.917	0.00	0.05	0.055	O					0.03
77.000	0.00	0.05	0.054	O					0.03
77.083	0.00	0.05	0.054	O					0.03
77.167	0.00	0.05	0.054	O					0.03
77.250	0.00	0.05	0.053	O					0.03
77.333	0.00	0.05	0.053	O					0.03
77.417	0.00	0.05	0.053	O					0.03
77.500	0.00	0.05	0.052	O					0.03
77.583	0.00	0.05	0.052	O					0.03
77.667	0.00	0.05	0.052	O					0.03
77.750	0.00	0.05	0.051	O					0.03
77.833	0.00	0.05	0.051	O					0.03
77.917	0.00	0.05	0.051	O					0.03

78.000	0.00	0.05	0.050	O					0.03
78.083	0.00	0.05	0.050	O					0.03
78.167	0.00	0.05	0.050	O					0.03
78.250	0.00	0.05	0.049	O					0.03
78.333	0.00	0.05	0.049	O					0.03
78.417	0.00	0.04	0.049	O					0.02
78.500	0.00	0.04	0.048	O					0.02
78.583	0.00	0.04	0.048	O					0.02
78.667	0.00	0.04	0.048	O					0.02
78.750	0.00	0.04	0.047	O					0.02
78.833	0.00	0.04	0.047	O					0.02
78.917	0.00	0.04	0.047	O					0.02
79.000	0.00	0.04	0.047	O					0.02
79.083	0.00	0.04	0.046	O					0.02
79.167	0.00	0.04	0.046	O					0.02
79.250	0.00	0.04	0.046	O					0.02
79.333	0.00	0.04	0.045	O					0.02
79.417	0.00	0.04	0.045	O					0.02
79.500	0.00	0.04	0.045	O					0.02
79.583	0.00	0.04	0.045	O					0.02
79.667	0.00	0.04	0.044	O					0.02
79.750	0.00	0.04	0.044	O					0.02
79.833	0.00	0.04	0.044	O					0.02
79.917	0.00	0.04	0.043	O					0.02
80.000	0.00	0.04	0.043	O					0.02
80.083	0.00	0.04	0.043	O					0.02
80.167	0.00	0.04	0.043	O					0.02
80.250	0.00	0.04	0.042	O					0.02
80.333	0.00	0.04	0.042	O					0.02
80.417	0.00	0.04	0.042	O					0.02
80.500	0.00	0.04	0.041	O					0.02
80.583	0.00	0.04	0.041	O					0.02
80.667	0.00	0.04	0.041	O					0.02
80.750	0.00	0.04	0.041	O					0.02
80.833	0.00	0.04	0.040	O					0.02
80.917	0.00	0.04	0.040	O					0.02
81.000	0.00	0.04	0.040	O					0.02
81.083	0.00	0.04	0.040	O					0.02
81.167	0.00	0.04	0.039	O					0.02
81.250	0.00	0.04	0.039	O					0.02
81.333	0.00	0.04	0.039	O					0.02
81.417	0.00	0.04	0.039	O					0.02
81.500	0.00	0.04	0.038	O					0.02
81.583	0.00	0.04	0.038	O					0.02
81.667	0.00	0.04	0.038	O					0.02
81.750	0.00	0.03	0.038	O					0.02
81.833	0.00	0.03	0.037	O					0.02
81.917	0.00	0.03	0.037	O					0.02
82.000	0.00	0.03	0.037	O					0.02
82.083	0.00	0.03	0.037	O					0.02
82.167	0.00	0.03	0.037	O					0.02
82.250	0.00	0.03	0.036	O					0.02
82.333	0.00	0.03	0.036	O					0.02
82.417	0.00	0.03	0.036	O					0.02
82.500	0.00	0.03	0.036	O					0.02
82.583	0.00	0.03	0.035	O					0.02
82.667	0.00	0.03	0.035	O					0.02
82.750	0.00	0.03	0.035	O					0.02
82.833	0.00	0.03	0.035	O					0.02
82.917	0.00	0.03	0.035	O					0.02
83.000	0.00	0.03	0.034	O					0.02
83.083	0.00	0.03	0.034	O					0.02
83.167	0.00	0.03	0.034	O					0.02

83.250	0.00	0.03	0.034	O				0.02
83.333	0.00	0.03	0.033	O				0.02
83.417	0.00	0.03	0.033	O				0.02
83.500	0.00	0.03	0.033	O				0.02
83.583	0.00	0.03	0.033	O				0.02
83.667	0.00	0.03	0.033	O				0.02
83.750	0.00	0.03	0.032	O				0.02
83.833	0.00	0.03	0.032	O				0.02
83.917	0.00	0.03	0.032	O				0.02
84.000	0.00	0.03	0.032	O				0.02
84.083	0.00	0.03	0.032	O				0.02
84.167	0.00	0.03	0.031	O				0.02
84.250	0.00	0.03	0.031	O				0.02
84.333	0.00	0.03	0.031	O				0.02
84.417	0.00	0.03	0.031	O				0.02
84.500	0.00	0.03	0.031	O				0.02
84.583	0.00	0.03	0.030	O				0.02
84.667	0.00	0.03	0.030	O				0.02
84.750	0.00	0.03	0.030	O				0.02
84.833	0.00	0.03	0.030	O				0.02
84.917	0.00	0.03	0.030	O				0.02
85.000	0.00	0.03	0.029	O				0.02
85.083	0.00	0.03	0.029	O				0.02
85.167	0.00	0.03	0.029	O				0.01
85.250	0.00	0.03	0.029	O				0.01
85.333	0.00	0.03	0.029	O				0.01
85.417	0.00	0.03	0.029	O				0.01
85.500	0.00	0.03	0.028	O				0.01
85.583	0.00	0.03	0.028	O				0.01
85.667	0.00	0.03	0.028	O				0.01
85.750	0.00	0.03	0.028	O				0.01
85.833	0.00	0.03	0.028	O				0.01
85.917	0.00	0.03	0.027	O				0.01
86.000	0.00	0.03	0.027	O				0.01
86.083	0.00	0.03	0.027	O				0.01
86.167	0.00	0.02	0.027	O				0.01
86.250	0.00	0.02	0.027	O				0.01
86.333	0.00	0.02	0.027	O				0.01
86.417	0.00	0.02	0.026	O				0.01
86.500	0.00	0.02	0.026	O				0.01
86.583	0.00	0.02	0.026	O				0.01
86.667	0.00	0.02	0.026	O				0.01
86.750	0.00	0.02	0.026	O				0.01
86.833	0.00	0.02	0.026	O				0.01
86.917	0.00	0.02	0.025	O				0.01
87.000	0.00	0.02	0.025	O				0.01
87.083	0.00	0.02	0.025	O				0.01
87.167	0.00	0.02	0.025	O				0.01
87.250	0.00	0.02	0.025	O				0.01
87.333	0.00	0.02	0.025	O				0.01
87.417	0.00	0.02	0.024	O				0.01
87.500	0.00	0.02	0.024	O				0.01
87.583	0.00	0.02	0.024	O				0.01
87.667	0.00	0.02	0.024	O				0.01
87.750	0.00	0.02	0.024	O				0.01
87.833	0.00	0.02	0.024	O				0.01
87.917	0.00	0.02	0.024	O				0.01
88.000	0.00	0.02	0.023	O				0.01
88.083	0.00	0.02	0.023	O				0.01
88.167	0.00	0.02	0.023	O				0.01
88.250	0.00	0.02	0.023	O				0.01
88.333	0.00	0.02	0.023	O				0.01
88.417	0.00	0.02	0.023	O				0.01

88.500	0.00	0.02	0.023	O				0.01
88.583	0.00	0.02	0.022	O				0.01
88.667	0.00	0.02	0.022	O				0.01
88.750	0.00	0.02	0.022	O				0.01
88.833	0.00	0.02	0.022	O				0.01
88.917	0.00	0.02	0.022	O				0.01
89.000	0.00	0.02	0.022	O				0.01
89.083	0.00	0.02	0.022	O				0.01
89.167	0.00	0.02	0.021	O				0.01
89.250	0.00	0.02	0.021	O				0.01
89.333	0.00	0.02	0.021	O				0.01
89.417	0.00	0.02	0.021	O				0.01
89.500	0.00	0.02	0.021	O				0.01
89.583	0.00	0.02	0.021	O				0.01
89.667	0.00	0.02	0.021	O				0.01
89.750	0.00	0.02	0.020	O				0.01
89.833	0.00	0.02	0.020	O				0.01
89.917	0.00	0.02	0.020	O				0.01
90.000	0.00	0.02	0.020	O				0.01
90.083	0.00	0.02	0.020	O				0.01
90.167	0.00	0.02	0.020	O				0.01
90.250	0.00	0.02	0.020	O				0.01
90.333	0.00	0.02	0.020	O				0.01
90.417	0.00	0.02	0.019	O				0.01
90.500	0.00	0.02	0.019	O				0.01
90.583	0.00	0.02	0.019	O				0.01
90.667	0.00	0.02	0.019	O				0.01
90.750	0.00	0.02	0.019	O				0.01
90.833	0.00	0.02	0.019	O				0.01
90.917	0.00	0.02	0.019	O				0.01
91.000	0.00	0.02	0.019	O				0.01
91.083	0.00	0.02	0.018	O				0.01
91.167	0.00	0.02	0.018	O				0.01
91.250	0.00	0.02	0.018	O				0.01
91.333	0.00	0.02	0.018	O				0.01
91.417	0.00	0.02	0.018	O				0.01
91.500	0.00	0.02	0.018	O				0.01
91.583	0.00	0.02	0.018	O				0.01
91.667	0.00	0.02	0.018	O				0.01
91.750	0.00	0.02	0.018	O				0.01
91.833	0.00	0.02	0.017	O				0.01
91.917	0.00	0.02	0.017	O				0.01
92.000	0.00	0.02	0.017	O				0.01
92.083	0.00	0.02	0.017	O				0.01
92.167	0.00	0.02	0.017	O				0.01
92.250	0.00	0.02	0.017	O				0.01
92.333	0.00	0.02	0.017	O				0.01
92.417	0.00	0.02	0.017	O				0.01
92.500	0.00	0.02	0.017	O				0.01
92.583	0.00	0.02	0.016	O				0.01
92.667	0.00	0.02	0.016	O				0.01
92.750	0.00	0.02	0.016	O				0.01
92.833	0.00	0.01	0.016	O				0.01
92.917	0.00	0.01	0.016	O				0.01
93.000	0.00	0.01	0.016	O				0.01
93.083	0.00	0.01	0.016	O				0.01
93.167	0.00	0.01	0.016	O				0.01
93.250	0.00	0.01	0.016	O				0.01
93.333	0.00	0.01	0.016	O				0.01
93.417	0.00	0.01	0.015	O				0.01
93.500	0.00	0.01	0.015	O				0.01
93.583	0.00	0.01	0.015	O				0.01
93.667	0.00	0.01	0.015	O				0.01

93.750	0.00	0.01	0.015	O					0.01
93.833	0.00	0.01	0.015	O					0.01
93.917	0.00	0.01	0.015	O					0.01
94.000	0.00	0.01	0.015	O					0.01
94.083	0.00	0.01	0.015	O					0.01
94.167	0.00	0.01	0.015	O					0.01
94.250	0.00	0.01	0.015	O					0.01
94.333	0.00	0.01	0.014	O					0.01
94.417	0.00	0.01	0.014	O					0.01
94.500	0.00	0.01	0.014	O					0.01
94.583	0.00	0.01	0.014	O					0.01
94.667	0.00	0.01	0.014	O					0.01
94.750	0.00	0.01	0.014	O					0.01
94.833	0.00	0.01	0.014	O					0.01
94.917	0.00	0.01	0.014	O					0.01
95.000	0.00	0.01	0.014	O					0.01
95.083	0.00	0.01	0.014	O					0.01
95.167	0.00	0.01	0.014	O					0.01
95.250	0.00	0.01	0.013	O					0.01
95.333	0.00	0.01	0.013	O					0.01
95.417	0.00	0.01	0.013	O					0.01
95.500	0.00	0.01	0.013	O					0.01
95.583	0.00	0.01	0.013	O					0.01
95.667	0.00	0.01	0.013	O					0.01
95.750	0.00	0.01	0.013	O					0.01
95.833	0.00	0.01	0.013	O					0.01
95.917	0.00	0.01	0.013	O					0.01
96.000	0.00	0.01	0.013	O					0.01
96.083	0.00	0.01	0.013	O					0.01
96.167	0.00	0.01	0.013	O					0.01
96.250	0.00	0.01	0.012	O					0.01
96.333	0.00	0.01	0.012	O					0.01
96.417	0.00	0.01	0.012	O					0.01
96.500	0.00	0.01	0.012	O					0.01
96.583	0.00	0.01	0.012	O					0.01
96.667	0.00	0.01	0.012	O					0.01
96.750	0.00	0.01	0.012	O					0.01
96.833	0.00	0.01	0.012	O					0.01
96.917	0.00	0.01	0.012	O					0.01
97.000	0.00	0.01	0.012	O					0.01
97.083	0.00	0.01	0.012	O					0.01
97.167	0.00	0.01	0.012	O					0.01
97.250	0.00	0.01	0.012	O					0.01
97.333	0.00	0.01	0.011	O					0.01
97.417	0.00	0.01	0.011	O					0.01
97.500	0.00	0.01	0.011	O					0.01
97.583	0.00	0.01	0.011	O					0.01
97.667	0.00	0.01	0.011	O					0.01
97.750	0.00	0.01	0.011	O					0.01
97.833	0.00	0.01	0.011	O					0.01
97.917	0.00	0.01	0.011	O					0.01
98.000	0.00	0.01	0.011	O					0.01
98.083	0.00	0.01	0.011	O					0.01
98.167	0.00	0.01	0.011	O					0.01
98.250	0.00	0.01	0.011	O					0.01
98.333	0.00	0.01	0.011	O					0.01
98.417	0.00	0.01	0.011	O					0.01
98.500	0.00	0.01	0.010	O					0.01
98.583	0.00	0.01	0.010	O					0.01
98.667	0.00	0.01	0.010	O					0.01
98.750	0.00	0.01	0.010	O					0.01
98.833	0.00	0.01	0.010	O					0.01
98.917	0.00	0.01	0.010	O					0.01

99.000	0.00	0.01	0.010	O					0.01
99.083	0.00	0.01	0.010	O					0.01
99.167	0.00	0.01	0.010	O					0.01
99.250	0.00	0.01	0.010	O					0.01
99.333	0.00	0.01	0.010	O					0.01
99.417	0.00	0.01	0.010	O					0.01
99.500	0.00	0.01	0.010	O					0.00
99.583	0.00	0.01	0.010	O					0.00
99.667	0.00	0.01	0.010	O					0.00
99.750	0.00	0.01	0.010	O					0.00
99.833	0.00	0.01	0.009	O					0.00
99.917	0.00	0.01	0.009	O					0.00
100.000	0.00	0.01	0.009	O					0.00
100.083	0.00	0.01	0.009	O					0.00
100.167	0.00	0.01	0.009	O					0.00
100.250	0.00	0.01	0.009	O					0.00
100.333	0.00	0.01	0.009	O					0.00
100.417	0.00	0.01	0.009	O					0.00
100.500	0.00	0.01	0.009	O					0.00
100.583	0.00	0.01	0.009	O					0.00
100.667	0.00	0.01	0.009	O					0.00
100.750	0.00	0.01	0.009	O					0.00
100.833	0.00	0.01	0.009	O					0.00
100.917	0.00	0.01	0.009	O					0.00
101.000	0.00	0.01	0.009	O					0.00
101.083	0.00	0.01	0.009	O					0.00
101.167	0.00	0.01	0.009	O					0.00
101.250	0.00	0.01	0.009	O					0.00
101.333	0.00	0.01	0.008	O					0.00
101.417	0.00	0.01	0.008	O					0.00
101.500	0.00	0.01	0.008	O					0.00
101.583	0.00	0.01	0.008	O					0.00
101.667	0.00	0.01	0.008	O					0.00
101.750	0.00	0.01	0.008	O					0.00
101.833	0.00	0.01	0.008	O					0.00
101.917	0.00	0.01	0.008	O					0.00
102.000	0.00	0.01	0.008	O					0.00
102.083	0.00	0.01	0.008	O					0.00
102.167	0.00	0.01	0.008	O					0.00
102.250	0.00	0.01	0.008	O					0.00
102.333	0.00	0.01	0.008	O					0.00
102.417	0.00	0.01	0.008	O					0.00
102.500	0.00	0.01	0.008	O					0.00
102.583	0.00	0.01	0.008	O					0.00
102.667	0.00	0.01	0.008	O					0.00
102.750	0.00	0.01	0.008	O					0.00
102.833	0.00	0.01	0.008	O					0.00
102.917	0.00	0.01	0.007	O					0.00
103.000	0.00	0.01	0.007	O					0.00
103.083	0.00	0.01	0.007	O					0.00
103.167	0.00	0.01	0.007	O					0.00
103.250	0.00	0.01	0.007	O					0.00
103.333	0.00	0.01	0.007	O					0.00
103.417	0.00	0.01	0.007	O					0.00
103.500	0.00	0.01	0.007	O					0.00
103.583	0.00	0.01	0.007	O					0.00
103.667	0.00	0.01	0.007	O					0.00
103.750	0.00	0.01	0.007	O					0.00
103.833	0.00	0.01	0.007	O					0.00
103.917	0.00	0.01	0.007	O					0.00
104.000	0.00	0.01	0.007	O					0.00
104.083	0.00	0.01	0.007	O					0.00
104.167	0.00	0.01	0.007	O					0.00

104.250	0.00	0.01	0.007	O					0.00
104.333	0.00	0.01	0.007	O					0.00
104.417	0.00	0.01	0.007	O					0.00
104.500	0.00	0.01	0.007	O					0.00
104.583	0.00	0.01	0.007	O					0.00
104.667	0.00	0.01	0.007	O					0.00
104.750	0.00	0.01	0.007	O					0.00
104.833	0.00	0.01	0.006	O					0.00
104.917	0.00	0.01	0.006	O					0.00
105.000	0.00	0.01	0.006	O					0.00
105.083	0.00	0.01	0.006	O					0.00
105.167	0.00	0.01	0.006	O					0.00
105.250	0.00	0.01	0.006	O					0.00
105.333	0.00	0.01	0.006	O					0.00
105.417	0.00	0.01	0.006	O					0.00
105.500	0.00	0.01	0.006	O					0.00
105.583	0.00	0.01	0.006	O					0.00
105.667	0.00	0.01	0.006	O					0.00
105.750	0.00	0.01	0.006	O					0.00
105.833	0.00	0.01	0.006	O					0.00
105.917	0.00	0.01	0.006	O					0.00
106.000	0.00	0.01	0.006	O					0.00
106.083	0.00	0.01	0.006	O					0.00
106.167	0.00	0.01	0.006	O					0.00
106.250	0.00	0.01	0.006	O					0.00
106.333	0.00	0.01	0.006	O					0.00
106.417	0.00	0.01	0.006	O					0.00
106.500	0.00	0.01	0.006	O					0.00
106.583	0.00	0.01	0.006	O					0.00
106.667	0.00	0.01	0.006	O					0.00
106.750	0.00	0.01	0.006	O					0.00
106.833	0.00	0.01	0.006	O					0.00
106.917	0.00	0.01	0.006	O					0.00
107.000	0.00	0.01	0.005	O					0.00
107.083	0.00	0.01	0.005	O					0.00
107.167	0.00	0.01	0.005	O					0.00
107.250	0.00	0.00	0.005	O					0.00
107.333	0.00	0.00	0.005	O					0.00
107.417	0.00	0.00	0.005	O					0.00
107.500	0.00	0.00	0.005	O					0.00
107.583	0.00	0.00	0.005	O					0.00
107.667	0.00	0.00	0.005	O					0.00
107.750	0.00	0.00	0.005	O					0.00
107.833	0.00	0.00	0.005	O					0.00
107.917	0.00	0.00	0.005	O					0.00
108.000	0.00	0.00	0.005	O					0.00
108.083	0.00	0.00	0.005	O					0.00
108.167	0.00	0.00	0.005	O					0.00
108.250	0.00	0.00	0.005	O					0.00
108.333	0.00	0.00	0.005	O					0.00
108.417	0.00	0.00	0.005	O					0.00
108.500	0.00	0.00	0.005	O					0.00
108.583	0.00	0.00	0.005	O					0.00
108.667	0.00	0.00	0.005	O					0.00
108.750	0.00	0.00	0.005	O					0.00
108.833	0.00	0.00	0.005	O					0.00
108.917	0.00	0.00	0.005	O					0.00
109.000	0.00	0.00	0.005	O					0.00
109.083	0.00	0.00	0.005	O					0.00
109.167	0.00	0.00	0.005	O					0.00
109.250	0.00	0.00	0.005	O					0.00
109.333	0.00	0.00	0.005	O					0.00
109.417	0.00	0.00	0.005	O					0.00

109.500	0.00	0.00	0.005	O					0.00
109.583	0.00	0.00	0.005	O					0.00
109.667	0.00	0.00	0.004	O					0.00
109.750	0.00	0.00	0.004	O					0.00
109.833	0.00	0.00	0.004	O					0.00
109.917	0.00	0.00	0.004	O					0.00
110.000	0.00	0.00	0.004	O					0.00
110.083	0.00	0.00	0.004	O					0.00
110.167	0.00	0.00	0.004	O					0.00
110.250	0.00	0.00	0.004	O					0.00
110.333	0.00	0.00	0.004	O					0.00
110.417	0.00	0.00	0.004	O					0.00
110.500	0.00	0.00	0.004	O					0.00
110.583	0.00	0.00	0.004	O					0.00
110.667	0.00	0.00	0.004	O					0.00
110.750	0.00	0.00	0.004	O					0.00
110.833	0.00	0.00	0.004	O					0.00
110.917	0.00	0.00	0.004	O					0.00
111.000	0.00	0.00	0.004	O					0.00
111.083	0.00	0.00	0.004	O					0.00
111.167	0.00	0.00	0.004	O					0.00
111.250	0.00	0.00	0.004	O					0.00
111.333	0.00	0.00	0.004	O					0.00
111.417	0.00	0.00	0.004	O					0.00
111.500	0.00	0.00	0.004	O					0.00
111.583	0.00	0.00	0.004	O					0.00
111.667	0.00	0.00	0.004	O					0.00
111.750	0.00	0.00	0.004	O					0.00
111.833	0.00	0.00	0.004	O					0.00
111.917	0.00	0.00	0.004	O					0.00
112.000	0.00	0.00	0.004	O					0.00
112.083	0.00	0.00	0.004	O					0.00
112.167	0.00	0.00	0.004	O					0.00
112.250	0.00	0.00	0.004	O					0.00
112.333	0.00	0.00	0.004	O					0.00
112.417	0.00	0.00	0.004	O					0.00
112.500	0.00	0.00	0.004	O					0.00
112.583	0.00	0.00	0.004	O					0.00
112.667	0.00	0.00	0.004	O					0.00
112.750	0.00	0.00	0.004	O					0.00
112.833	0.00	0.00	0.004	O					0.00
112.917	0.00	0.00	0.003	O					0.00
113.000	0.00	0.00	0.003	O					0.00
113.083	0.00	0.00	0.003	O					0.00
113.167	0.00	0.00	0.003	O					0.00
113.250	0.00	0.00	0.003	O					0.00
113.333	0.00	0.00	0.003	O					0.00
113.417	0.00	0.00	0.003	O					0.00
113.500	0.00	0.00	0.003	O					0.00
113.583	0.00	0.00	0.003	O					0.00
113.667	0.00	0.00	0.003	O					0.00
113.750	0.00	0.00	0.003	O					0.00
113.833	0.00	0.00	0.003	O					0.00
113.917	0.00	0.00	0.003	O					0.00
114.000	0.00	0.00	0.003	O					0.00
114.083	0.00	0.00	0.003	O					0.00
114.167	0.00	0.00	0.003	O					0.00
114.250	0.00	0.00	0.003	O					0.00
114.333	0.00	0.00	0.003	O					0.00
114.417	0.00	0.00	0.003	O					0.00
114.500	0.00	0.00	0.003	O					0.00
114.583	0.00	0.00	0.003	O					0.00
114.667	0.00	0.00	0.003	O					0.00

114.750	0.00	0.00	0.003	O					0.00
114.833	0.00	0.00	0.003	O					0.00
114.917	0.00	0.00	0.003	O					0.00
115.000	0.00	0.00	0.003	O					0.00
115.083	0.00	0.00	0.003	O					0.00
115.167	0.00	0.00	0.003	O					0.00
115.250	0.00	0.00	0.003	O					0.00
115.333	0.00	0.00	0.003	O					0.00
115.417	0.00	0.00	0.003	O					0.00
115.500	0.00	0.00	0.003	O					0.00
115.583	0.00	0.00	0.003	O					0.00
115.667	0.00	0.00	0.003	O					0.00
115.750	0.00	0.00	0.003	O					0.00
115.833	0.00	0.00	0.003	O					0.00
115.917	0.00	0.00	0.003	O					0.00
116.000	0.00	0.00	0.003	O					0.00
116.083	0.00	0.00	0.003	O					0.00
116.167	0.00	0.00	0.003	O					0.00
116.250	0.00	0.00	0.003	O					0.00
116.333	0.00	0.00	0.003	O					0.00
116.417	0.00	0.00	0.003	O					0.00
116.500	0.00	0.00	0.003	O					0.00
116.583	0.00	0.00	0.003	O					0.00
116.667	0.00	0.00	0.003	O					0.00
116.750	0.00	0.00	0.003	O					0.00
116.833	0.00	0.00	0.003	O					0.00
116.917	0.00	0.00	0.003	O					0.00
117.000	0.00	0.00	0.003	O					0.00
117.083	0.00	0.00	0.003	O					0.00
117.167	0.00	0.00	0.003	O					0.00
117.250	0.00	0.00	0.003	O					0.00
117.333	0.00	0.00	0.002	O					0.00
117.417	0.00	0.00	0.002	O					0.00
117.500	0.00	0.00	0.002	O					0.00
117.583	0.00	0.00	0.002	O					0.00
117.667	0.00	0.00	0.002	O					0.00
117.750	0.00	0.00	0.002	O					0.00
117.833	0.00	0.00	0.002	O					0.00
117.917	0.00	0.00	0.002	O					0.00
118.000	0.00	0.00	0.002	O					0.00
118.083	0.00	0.00	0.002	O					0.00
118.167	0.00	0.00	0.002	O					0.00
118.250	0.00	0.00	0.002	O					0.00
118.333	0.00	0.00	0.002	O					0.00
118.417	0.00	0.00	0.002	O					0.00
118.500	0.00	0.00	0.002	O					0.00
118.583	0.00	0.00	0.002	O					0.00
118.667	0.00	0.00	0.002	O					0.00
118.750	0.00	0.00	0.002	O					0.00
118.833	0.00	0.00	0.002	O					0.00
118.917	0.00	0.00	0.002	O					0.00
119.000	0.00	0.00	0.002	O					0.00
119.083	0.00	0.00	0.002	O					0.00
119.167	0.00	0.00	0.002	O					0.00
119.250	0.00	0.00	0.002	O					0.00
119.333	0.00	0.00	0.002	O					0.00
119.417	0.00	0.00	0.002	O					0.00
119.500	0.00	0.00	0.002	O					0.00
119.583	0.00	0.00	0.002	O					0.00
119.667	0.00	0.00	0.002	O					0.00
119.750	0.00	0.00	0.002	O					0.00
119.833	0.00	0.00	0.002	O					0.00
119.917	0.00	0.00	0.002	O					0.00

```
120.000    0.00    0.00      0.002  O       |       |       |       |      0.00
120.083    0.00    0.00      0.002  O       |       |       |       |      0.00
120.167    0.00    0.00      0.002  O       |       |       |       |      0.00
120.250    0.00    0.00      0.002  O       |       |       |       |      0.00
120.333    0.00    0.00      0.002  O       |       |       |       |      0.00
120.417    0.00    0.00      0.002  O       |       |       |       |      0.00
120.500    0.00    0.00      0.002  O       |       |       |       |      0.00
120.583    0.00    0.00      0.002  O       |       |       |       |      0.00


      Remaining water in basin =    0.00 (Ac.Ft)


      ****************************HYDROGRAPH DATA****************************
                  Number of intervals =  1447
                  Time interval =    5.0 (Min.)
                  Maximum/Peak flow rate =       17.640 (CFS)
                  Total volume =       8.642 (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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                FLOOD HYDROGRAPH ROUTING PROGRAM
          Copyright (c) CIVILCADD/CIVILDESIGN, 1989 - 2005
                      Study date: 04/03/24

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Keller Crossing, Tr. 38163
WQ - Detention Basin Routing Area C onsite
Detention Basin C full with DCV at 1426
100-year 3-hour storm Inflow Hydrograph




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


Program License Serial Number 4029

------------------------------------------------------------------------
******************** HYDROGRAPH INFORMATION **********************

             From study/file name: 907hydcpr3100.rte
*****************************HYDROGRAPH DATA*****************************
             Number of intervals =    44
             Time interval =    5.0 (Min.)
             Maximum/Peak flow rate =      132.718 (CFS)
             Total volume =      11.967 (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       10.000 to Point/Station       11.000
**** RETARDING BASIN ROUTING ****
________________________________________________________________________

User entry of depth-outflow-storage data
------------------------------------------------------------------------
Total number of inflow hydrograph intervals = 44
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  Storage    Outflow   (S-O*dt/2)   (S+O*dt/2)
     (Ft.)    (Ac.Ft)    (CFS)     (Ac.Ft)    (Ac.Ft)
------------------------------------------------------------------------
   0.000      0.000      0.000      0.000        0.000
   1.000      1.948      1.800      1.942        1.954
   2.000      4.304      2.020      4.297        4.311
   3.000      7.054      3.480      7.042        7.066
```

4.000	10.094	49.260	9.924	10.264
4.500	11.710	87.250	11.410	12.010
5.000	13.325	331.310	12.184	14.466
6.000	16.754	1244.540	12.468	21.040

Hydrograph Detention Basin Routing

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

Time (Hours)	Inflow (CFS)	Outflow (CFS)	Storage (Ac.Ft)	.0 33.2 66.36 99.54 132.72	Depth (Ft.)
0.083	3.28	0.01	0.011	O | | | |	0.01
0.167	12.41	0.06	0.065	O I | | | |	0.03
0.250	14.95	0.15	0.159	O I | | | |	0.08
0.333	15.85	0.24	0.263	O I | | | |	0.14
0.417	19.76	0.35	0.384	O I | | | |	0.20
0.500	22.32	0.49	0.526	O I | | | |	0.27
0.583	24.89	0.63	0.685	O I | | | |	0.35
0.667	24.52	0.79	0.850	O I | | | |	0.44
0.750	27.12	0.94	1.022	O I | | | |	0.52
0.833	27.01	1.11	1.201	O I | | | |	0.62
0.917	24.94	1.27	1.372	O I | | | |	0.70
1.000	25.83	1.42	1.537	O I | | | |	0.79
1.083	29.07	1.59	1.716	O I| | | |	0.88
1.167	33.47	1.77	1.920	O I | | | |	0.99
1.250	35.01	1.82	2.143	O I | | | |	1.08
1.333	35.09	1.84	2.372	O I | | | |	1.18
1.417	35.65	1.86	2.603	O I | | | |	1.28
1.500	41.20	1.88	2.855	O |I | | |	1.38
1.583	43.02	1.91	3.132	O | I | | |	1.50
1.667	42.39	1.94	3.412	O | I | | |	1.62
1.750	46.85	1.96	3.706	O | I | | |	1.75
1.833	52.68	1.99	4.035	O | I | | |	1.89
1.917	52.53	2.06	4.384	O | I | | |	2.03
2.000	51.43	2.24	4.727	O | I | | |	2.15
2.083	52.45	2.43	5.069	O | I | | |	2.28
2.167	57.34	2.62	5.429	O | I | | |	2.41
2.250	70.76	2.84	5.852	O | |I | |	2.56
2.333	77.07	3.10	6.340	O | | I | |	2.74
2.417	78.53	3.37	6.854	O | | I | |	2.93
2.500	108.26	9.48	7.453	| O | | | I |	3.13
2.583	125.95	20.10	8.157	| O | | | | I	3.36
2.667	132.72	30.87	8.873	| O| | | | I	3.60
2.750	104.26	39.51	9.446	| |O | | |I |	3.79
2.833	62.87	43.85	9.735	| | O I| | | |	3.88
2.917	46.80	44.93	9.807	| | OI | | |	3.91
3.000	35.96	44.58	9.783	| |I O | | |	3.90
3.083	20.77	42.98	9.677	| I | O | | |	3.86
3.167	10.74	40.30	9.499	| I |O | | |	3.80
3.250	6.02	37.15	9.290	|I | O | | |	3.74
3.333	3.14	33.94	9.077	I | O | | |	3.67
3.417	1.40	30.82	8.869	I | O| | |	3.60
3.500	0.76	27.89	8.675	I | O | | |	3.53
3.583	0.38	25.19	8.496	I | O | | |	3.47
3.667	0.08	22.73	8.332	I | O | | |	3.42
3.750	0.00	20.49	8.184	I | O | | |	3.37
3.833	0.00	18.47	8.050	I | O | | |	3.33
3.917	0.00	16.65	7.929	I | O | | |	3.29
4.000	0.00	15.01	7.820	I | O | | |	3.25
4.083	0.00	13.53	7.721	I | O | | |	3.22
4.167	0.00	12.20	7.633	I O | | |	3.19
4.250	0.00	10.99	7.553	I O | | |	3.16

4.333	0.00	9.91	7.481	I O				3.14
4.417	0.00	8.93	7.416	I O				3.12
4.500	0.00	8.05	7.358	IO				3.10
4.583	0.00	7.26	7.305	IO				3.08
4.667	0.00	6.54	7.257	IO				3.07
4.750	0.00	5.90	7.214	IO				3.05
4.833	0.00	5.32	7.176	IO				3.04
4.917	0.00	4.79	7.141	IO				3.03
5.000	0.00	4.32	7.110	IO				3.02
5.083	0.00	3.89	7.081	O				3.01
5.167	0.00	3.51	7.056	O				3.00
5.250	0.00	3.47	7.032	O				2.99
5.333	0.00	3.46	7.008	O				2.98
5.417	0.00	3.44	6.984	O				2.97
5.500	0.00	3.43	6.961	O				2.97
5.583	0.00	3.42	6.937	O				2.96
5.667	0.00	3.41	6.914	O				2.95
5.750	0.00	3.39	6.890	O				2.94
5.833	0.00	3.38	6.867	O				2.93
5.917	0.00	3.37	6.844	O				2.92
6.000	0.00	3.36	6.820	O				2.92
6.083	0.00	3.34	6.797	O				2.91
6.167	0.00	3.33	6.774	O				2.90
6.250	0.00	3.32	6.751	O				2.89
6.333	0.00	3.31	6.729	O				2.88
6.417	0.00	3.30	6.706	O				2.87
6.500	0.00	3.28	6.683	O				2.87
6.583	0.00	3.27	6.661	O				2.86
6.667	0.00	3.26	6.638	O				2.85
6.750	0.00	3.25	6.616	O				2.84
6.833	0.00	3.24	6.593	O				2.83
6.917	0.00	3.22	6.571	O				2.82
7.000	0.00	3.21	6.549	O				2.82
7.083	0.00	3.20	6.527	O				2.81
7.167	0.00	3.19	6.505	O				2.80
7.250	0.00	3.18	6.483	O				2.79
7.333	0.00	3.17	6.461	O				2.78
7.417	0.00	3.15	6.439	O				2.78
7.500	0.00	3.14	6.418	O				2.77
7.583	0.00	3.13	6.396	O				2.76
7.667	0.00	3.12	6.375	O				2.75
7.750	0.00	3.11	6.353	O				2.75
7.833	0.00	3.10	6.332	O				2.74
7.917	0.00	3.09	6.311	O				2.73
8.000	0.00	3.07	6.289	O				2.72
8.083	0.00	3.06	6.268	O				2.71
8.167	0.00	3.05	6.247	O				2.71
8.250	0.00	3.04	6.226	O				2.70
8.333	0.00	3.03	6.205	O				2.69
8.417	0.00	3.02	6.184	O				2.68
8.500	0.00	3.01	6.164	O				2.68
8.583	0.00	3.00	6.143	O				2.67
8.667	0.00	2.99	6.122	O				2.66
8.750	0.00	2.97	6.102	O				2.65
8.833	0.00	2.96	6.081	O				2.65
8.917	0.00	2.95	6.061	O				2.64
9.000	0.00	2.94	6.041	O				2.63
9.083	0.00	2.93	6.021	O				2.62
9.167	0.00	2.92	6.000	O				2.62
9.250	0.00	2.91	5.980	O				2.61
9.333	0.00	2.90	5.960	O				2.60
9.417	0.00	2.89	5.940	O				2.60
9.500	0.00	2.88	5.921	O				2.59

9.583	0.00	2.87	5.901	O				2.58
9.667	0.00	2.86	5.881	O				2.57
9.750	0.00	2.85	5.861	O				2.57
9.833	0.00	2.84	5.842	O				2.56
9.917	0.00	2.83	5.822	O				2.55
10.000	0.00	2.82	5.803	O				2.55
10.083	0.00	2.81	5.784	O				2.54
10.167	0.00	2.80	5.764	O				2.53
10.250	0.00	2.79	5.745	O				2.52
10.333	0.00	2.77	5.726	O				2.52
10.417	0.00	2.76	5.707	O				2.51
10.500	0.00	2.75	5.688	O				2.50
10.583	0.00	2.74	5.669	O				2.50
10.667	0.00	2.73	5.650	O				2.49
10.750	0.00	2.72	5.631	O				2.48
10.833	0.00	2.71	5.612	O				2.48
10.917	0.00	2.70	5.594	O				2.47
11.000	0.00	2.69	5.575	O				2.46
11.083	0.00	2.69	5.557	O				2.46
11.167	0.00	2.68	5.538	O				2.45
11.250	0.00	2.67	5.520	O				2.44
11.333	0.00	2.66	5.502	O				2.44
11.417	0.00	2.65	5.483	O				2.43
11.500	0.00	2.64	5.465	O				2.42
11.583	0.00	2.63	5.447	O				2.42
11.667	0.00	2.62	5.429	O				2.41
11.750	0.00	2.61	5.411	O				2.40
11.833	0.00	2.60	5.393	O				2.40
11.917	0.00	2.59	5.375	O				2.39
12.000	0.00	2.58	5.357	O				2.38
12.083	0.00	2.57	5.340	O				2.38
12.167	0.00	2.56	5.322	O				2.37
12.250	0.00	2.55	5.304	O				2.36
12.333	0.00	2.54	5.287	O				2.36
12.417	0.00	2.53	5.269	O				2.35
12.500	0.00	2.52	5.252	O				2.34
12.583	0.00	2.51	5.235	O				2.34
12.667	0.00	2.50	5.217	O				2.33
12.750	0.00	2.50	5.200	O				2.33
12.833	0.00	2.49	5.183	O				2.32
12.917	0.00	2.48	5.166	O				2.31
13.000	0.00	2.47	5.149	O				2.31
13.083	0.00	2.46	5.132	O				2.30
13.167	0.00	2.45	5.115	O				2.29
13.250	0.00	2.44	5.098	O				2.29
13.333	0.00	2.43	5.081	O				2.28
13.417	0.00	2.42	5.065	O				2.28
13.500	0.00	2.41	5.048	O				2.27
13.583	0.00	2.41	5.031	O				2.26
13.667	0.00	2.40	5.015	O				2.26
13.750	0.00	2.39	4.998	O				2.25
13.833	0.00	2.38	4.982	O				2.25
13.917	0.00	2.37	4.965	O				2.24
14.000	0.00	2.36	4.949	O				2.23
14.083	0.00	2.35	4.933	O				2.23
14.167	0.00	2.35	4.917	O				2.22
14.250	0.00	2.34	4.901	O				2.22
14.333	0.00	2.33	4.885	O				2.21
14.417	0.00	2.32	4.869	O				2.21
14.500	0.00	2.31	4.853	O				2.20
14.583	0.00	2.30	4.837	O				2.19
14.667	0.00	2.29	4.821	O				2.19
14.750	0.00	2.29	4.805	O				2.18

14.833	0.00	2.28	4.789	O					2.18
14.917	0.00	2.27	4.774	O					2.17
15.000	0.00	2.26	4.758	O					2.17
15.083	0.00	2.25	4.743	O					2.16
15.167	0.00	2.24	4.727	O					2.15
15.250	0.00	2.24	4.712	O					2.15
15.333	0.00	2.23	4.696	O					2.14
15.417	0.00	2.22	4.681	O					2.14
15.500	0.00	2.21	4.666	O					2.13
15.583	0.00	2.20	4.651	O					2.13
15.667	0.00	2.20	4.635	O					2.12
15.750	0.00	2.19	4.620	O					2.12
15.833	0.00	2.18	4.605	O					2.11
15.917	0.00	2.17	4.590	O					2.10
16.000	0.00	2.16	4.575	O					2.10
16.083	0.00	2.16	4.560	O					2.09
16.167	0.00	2.15	4.546	O					2.09
16.250	0.00	2.14	4.531	O					2.08
16.333	0.00	2.13	4.516	O					2.08
16.417	0.00	2.12	4.501	O					2.07
16.500	0.00	2.12	4.487	O					2.07
16.583	0.00	2.11	4.472	O					2.06
16.667	0.00	2.10	4.458	O					2.06
16.750	0.00	2.09	4.443	O					2.05
16.833	0.00	2.09	4.429	O					2.05
16.917	0.00	2.08	4.415	O					2.04
17.000	0.00	2.07	4.400	O					2.04
17.083	0.00	2.06	4.386	O					2.03
17.167	0.00	2.06	4.372	O					2.02
17.250	0.00	2.05	4.358	O					2.02
17.333	0.00	2.04	4.344	O					2.01
17.417	0.00	2.03	4.330	O					2.01
17.500	0.00	2.03	4.316	O					2.00
17.583	0.00	2.02	4.302	O					2.00
17.667	0.00	2.02	4.288	O					1.99
17.750	0.00	2.02	4.274	O					1.99
17.833	0.00	2.02	4.260	O					1.98
17.917	0.00	2.01	4.246	O					1.98
18.000	0.00	2.01	4.232	O					1.97
18.083	0.00	2.01	4.218	O					1.96
18.167	0.00	2.01	4.205	O					1.96
18.250	0.00	2.01	4.191	O					1.95
18.333	0.00	2.01	4.177	O					1.95
18.417	0.00	2.01	4.163	O					1.94
18.500	0.00	2.01	4.149	O					1.93
18.583	0.00	2.00	4.135	O					1.93
18.667	0.00	2.00	4.122	O					1.92
18.750	0.00	2.00	4.108	O					1.92
18.833	0.00	2.00	4.094	O					1.91
18.917	0.00	2.00	4.080	O					1.91
19.000	0.00	2.00	4.067	O					1.90
19.083	0.00	2.00	4.053	O					1.89
19.167	0.00	2.00	4.039	O					1.89
19.250	0.00	1.99	4.025	O					1.88
19.333	0.00	1.99	4.012	O					1.88
19.417	0.00	1.99	3.998	O					1.87
19.500	0.00	1.99	3.984	O					1.86
19.583	0.00	1.99	3.970	O					1.86
19.667	0.00	1.99	3.957	O					1.85
19.750	0.00	1.99	3.943	O					1.85
19.833	0.00	1.99	3.929	O					1.84
19.917	0.00	1.98	3.916	O					1.84
20.000	0.00	1.98	3.902	O					1.83

20.083	0.00	1.98	3.888	O					1.82
20.167	0.00	1.98	3.875	O					1.82
20.250	0.00	1.98	3.861	O					1.81
20.333	0.00	1.98	3.848	O					1.81
20.417	0.00	1.98	3.834	O					1.80
20.500	0.00	1.97	3.820	O					1.79
20.583	0.00	1.97	3.807	O					1.79
20.667	0.00	1.97	3.793	O					1.78
20.750	0.00	1.97	3.780	O					1.78
20.833	0.00	1.97	3.766	O					1.77
20.917	0.00	1.97	3.752	O					1.77
21.000	0.00	1.97	3.739	O					1.76
21.083	0.00	1.97	3.725	O					1.75
21.167	0.00	1.96	3.712	O					1.75
21.250	0.00	1.96	3.698	O					1.74
21.333	0.00	1.96	3.685	O					1.74
21.417	0.00	1.96	3.671	O					1.73
21.500	0.00	1.96	3.658	O					1.73
21.583	0.00	1.96	3.644	O					1.72
21.667	0.00	1.96	3.631	O					1.71
21.750	0.00	1.96	3.617	O					1.71
21.833	0.00	1.95	3.604	O					1.70
21.917	0.00	1.95	3.590	O					1.70
22.000	0.00	1.95	3.577	O					1.69
22.083	0.00	1.95	3.563	O					1.69
22.167	0.00	1.95	3.550	O					1.68
22.250	0.00	1.95	3.537	O					1.67
22.333	0.00	1.95	3.523	O					1.67
22.417	0.00	1.95	3.510	O					1.66
22.500	0.00	1.94	3.496	O					1.66
22.583	0.00	1.94	3.483	O					1.65
22.667	0.00	1.94	3.470	O					1.65
22.750	0.00	1.94	3.456	O					1.64
22.833	0.00	1.94	3.443	O					1.63
22.917	0.00	1.94	3.430	O					1.63
23.000	0.00	1.94	3.416	O					1.62
23.083	0.00	1.94	3.403	O					1.62
23.167	0.00	1.93	3.390	O					1.61
23.250	0.00	1.93	3.376	O					1.61
23.333	0.00	1.93	3.363	O					1.60
23.417	0.00	1.93	3.350	O					1.59
23.500	0.00	1.93	3.336	O					1.59
23.583	0.00	1.93	3.323	O					1.58
23.667	0.00	1.93	3.310	O					1.58
23.750	0.00	1.93	3.297	O					1.57
23.833	0.00	1.92	3.283	O					1.57
23.917	0.00	1.92	3.270	O					1.56
24.000	0.00	1.92	3.257	O					1.56
24.083	0.00	1.92	3.244	O					1.55
24.167	0.00	1.92	3.230	O					1.54
24.250	0.00	1.92	3.217	O					1.54
24.333	0.00	1.92	3.204	O					1.53
24.417	0.00	1.92	3.191	O					1.53
24.500	0.00	1.91	3.177	O					1.52
24.583	0.00	1.91	3.164	O					1.52
24.667	0.00	1.91	3.151	O					1.51
24.750	0.00	1.91	3.138	O					1.51
24.833	0.00	1.91	3.125	O					1.50
24.917	0.00	1.91	3.112	O					1.49
25.000	0.00	1.91	3.098	O					1.49
25.083	0.00	1.91	3.085	O					1.48
25.167	0.00	1.90	3.072	O					1.48
25.250	0.00	1.90	3.059	O					1.47

25.333	0.00	1.90	3.046	O				1.47
25.417	0.00	1.90	3.033	O				1.46
25.500	0.00	1.90	3.020	O				1.45
25.583	0.00	1.90	3.007	O				1.45
25.667	0.00	1.90	2.994	O				1.44
25.750	0.00	1.90	2.981	O				1.44
25.833	0.00	1.90	2.968	O				1.43
25.917	0.00	1.89	2.955	O				1.43
26.000	0.00	1.89	2.941	O				1.42
26.083	0.00	1.89	2.928	O				1.42
26.167	0.00	1.89	2.915	O				1.41
26.250	0.00	1.89	2.902	O				1.41
26.333	0.00	1.89	2.889	O				1.40
26.417	0.00	1.89	2.876	O				1.39
26.500	0.00	1.89	2.863	O				1.39
26.583	0.00	1.88	2.850	O				1.38
26.667	0.00	1.88	2.837	O				1.38
26.750	0.00	1.88	2.824	O				1.37
26.833	0.00	1.88	2.812	O				1.37
26.917	0.00	1.88	2.799	O				1.36
27.000	0.00	1.88	2.786	O				1.36
27.083	0.00	1.88	2.773	O				1.35
27.167	0.00	1.88	2.760	O				1.34
27.250	0.00	1.87	2.747	O				1.34
27.333	0.00	1.87	2.734	O				1.33
27.417	0.00	1.87	2.721	O				1.33
27.500	0.00	1.87	2.708	O				1.32
27.583	0.00	1.87	2.695	O				1.32
27.667	0.00	1.87	2.682	O				1.31
27.750	0.00	1.87	2.670	O				1.31
27.833	0.00	1.87	2.657	O				1.30
27.917	0.00	1.86	2.644	O				1.30
28.000	0.00	1.86	2.631	O				1.29
28.083	0.00	1.86	2.618	O				1.28
28.167	0.00	1.86	2.605	O				1.28
28.250	0.00	1.86	2.593	O				1.27
28.333	0.00	1.86	2.580	O				1.27
28.417	0.00	1.86	2.567	O				1.26
28.500	0.00	1.86	2.554	O				1.26
28.583	0.00	1.86	2.541	O				1.25
28.667	0.00	1.85	2.529	O				1.25
28.750	0.00	1.85	2.516	O				1.24
28.833	0.00	1.85	2.503	O				1.24
28.917	0.00	1.85	2.490	O				1.23
29.000	0.00	1.85	2.478	O				1.22
29.083	0.00	1.85	2.465	O				1.22
29.167	0.00	1.85	2.452	O				1.21
29.250	0.00	1.85	2.439	O				1.21
29.333	0.00	1.84	2.427	O				1.20
29.417	0.00	1.84	2.414	O				1.20
29.500	0.00	1.84	2.401	O				1.19
29.583	0.00	1.84	2.389	O				1.19
29.667	0.00	1.84	2.376	O				1.18
29.750	0.00	1.84	2.363	O				1.18
29.833	0.00	1.84	2.351	O				1.17
29.917	0.00	1.84	2.338	O				1.17
30.000	0.00	1.84	2.325	O				1.16
30.083	0.00	1.83	2.313	O				1.15
30.167	0.00	1.83	2.300	O				1.15
30.250	0.00	1.83	2.287	O				1.14
30.333	0.00	1.83	2.275	O				1.14
30.417	0.00	1.83	2.262	O				1.13
30.500	0.00	1.83	2.250	O				1.13

30.583	0.00	1.83	2.237	O				1.12
30.667	0.00	1.83	2.224	O				1.12
30.750	0.00	1.82	2.212	O				1.11
30.833	0.00	1.82	2.199	O				1.11
30.917	0.00	1.82	2.187	O				1.10
31.000	0.00	1.82	2.174	O				1.10
31.083	0.00	1.82	2.162	O				1.09
31.167	0.00	1.82	2.149	O				1.09
31.250	0.00	1.82	2.137	O				1.08
31.333	0.00	1.82	2.124	O				1.07
31.417	0.00	1.82	2.112	O				1.07
31.500	0.00	1.81	2.099	O				1.06
31.583	0.00	1.81	2.087	O				1.06
31.667	0.00	1.81	2.074	O				1.05
31.750	0.00	1.81	2.062	O				1.05
31.833	0.00	1.81	2.049	O				1.04
31.917	0.00	1.81	2.037	O				1.04
32.000	0.00	1.81	2.024	O				1.03
32.083	0.00	1.81	2.012	O				1.03
32.167	0.00	1.80	1.999	O				1.02
32.250	0.00	1.80	1.987	O				1.02
32.333	0.00	1.80	1.975	O				1.01
32.417	0.00	1.80	1.962	O				1.01
32.500	0.00	1.80	1.950	O				1.00
32.583	0.00	1.79	1.937	O				0.99
32.667	0.00	1.78	1.925	O				0.99
32.750	0.00	1.77	1.913	O				0.98
32.833	0.00	1.76	1.901	O				0.98
32.917	0.00	1.75	1.889	O				0.97
33.000	0.00	1.73	1.877	O				0.96
33.083	0.00	1.72	1.865	O				0.96
33.167	0.00	1.71	1.853	O				0.95
33.250	0.00	1.70	1.841	O				0.95
33.333	0.00	1.69	1.830	O				0.94
33.417	0.00	1.68	1.818	O				0.93
33.500	0.00	1.67	1.806	O				0.93
33.583	0.00	1.66	1.795	O				0.92
33.667	0.00	1.65	1.784	O				0.92
33.750	0.00	1.64	1.772	O				0.91
33.833	0.00	1.63	1.761	O				0.90
33.917	0.00	1.62	1.750	O				0.90
34.000	0.00	1.61	1.739	O				0.89
34.083	0.00	1.60	1.728	O				0.89
34.167	0.00	1.59	1.717	O				0.88
34.250	0.00	1.58	1.706	O				0.88
34.333	0.00	1.57	1.695	O				0.87
34.417	0.00	1.56	1.684	O				0.86
34.500	0.00	1.55	1.674	O				0.86
34.583	0.00	1.54	1.663	O				0.85
34.667	0.00	1.53	1.652	O				0.85
34.750	0.00	1.52	1.642	O				0.84
34.833	0.00	1.51	1.632	O				0.84
34.917	0.00	1.50	1.621	O				0.83
35.000	0.00	1.49	1.611	O				0.83
35.083	0.00	1.48	1.601	O				0.82
35.167	0.00	1.47	1.591	O				0.82
35.250	0.00	1.46	1.580	O				0.81
35.333	0.00	1.45	1.570	O				0.81
35.417	0.00	1.44	1.560	O				0.80
35.500	0.00	1.43	1.551	O				0.80
35.583	0.00	1.42	1.541	O				0.79
35.667	0.00	1.41	1.531	O				0.79
35.750	0.00	1.41	1.521	O				0.78

35.833	0.00	1.40	1.512	O				0.78
35.917	0.00	1.39	1.502	O				0.77
36.000	0.00	1.38	1.492	O				0.77
36.083	0.00	1.37	1.483	O				0.76
36.167	0.00	1.36	1.474	O				0.76
36.250	0.00	1.35	1.464	O				0.75
36.333	0.00	1.34	1.455	O				0.75
36.417	0.00	1.34	1.446	O				0.74
36.500	0.00	1.33	1.437	O				0.74
36.583	0.00	1.32	1.427	O				0.73
36.667	0.00	1.31	1.418	O				0.73
36.750	0.00	1.30	1.409	O				0.72
36.833	0.00	1.29	1.400	O				0.72
36.917	0.00	1.29	1.392	O				0.71
37.000	0.00	1.28	1.383	O				0.71
37.083	0.00	1.27	1.374	O				0.71
37.167	0.00	1.26	1.365	O				0.70
37.250	0.00	1.25	1.357	O				0.70
37.333	0.00	1.25	1.348	O				0.69
37.417	0.00	1.24	1.339	O				0.69
37.500	0.00	1.23	1.331	O				0.68
37.583	0.00	1.22	1.322	O				0.68
37.667	0.00	1.21	1.314	O				0.67
37.750	0.00	1.21	1.306	O				0.67
37.833	0.00	1.20	1.297	O				0.67
37.917	0.00	1.19	1.289	O				0.66
38.000	0.00	1.18	1.281	O				0.66
38.083	0.00	1.18	1.273	O				0.65
38.167	0.00	1.17	1.265	O				0.65
38.250	0.00	1.16	1.257	O				0.65
38.333	0.00	1.15	1.249	O				0.64
38.417	0.00	1.15	1.241	O				0.64
38.500	0.00	1.14	1.233	O				0.63
38.583	0.00	1.13	1.225	O				0.63
38.667	0.00	1.12	1.217	O				0.62
38.750	0.00	1.12	1.210	O				0.62
38.833	0.00	1.11	1.202	O				0.62
38.917	0.00	1.10	1.194	O				0.61
39.000	0.00	1.10	1.187	O				0.61
39.083	0.00	1.09	1.179	O				0.61
39.167	0.00	1.08	1.172	O				0.60
39.250	0.00	1.08	1.164	O				0.60
39.333	0.00	1.07	1.157	O				0.59
39.417	0.00	1.06	1.150	O				0.59
39.500	0.00	1.06	1.142	O				0.59
39.583	0.00	1.05	1.135	O				0.58
39.667	0.00	1.04	1.128	O				0.58
39.750	0.00	1.04	1.121	O				0.58
39.833	0.00	1.03	1.114	O				0.57
39.917	0.00	1.02	1.107	O				0.57
40.000	0.00	1.02	1.100	O				0.56
40.083	0.00	1.01	1.093	O				0.56
40.167	0.00	1.00	1.086	O				0.56
40.250	0.00	1.00	1.079	O				0.55
40.333	0.00	0.99	1.072	O				0.55
40.417	0.00	0.98	1.065	O				0.55
40.500	0.00	0.98	1.058	O				0.54
40.583	0.00	0.97	1.052	O				0.54
40.667	0.00	0.97	1.045	O				0.54
40.750	0.00	0.96	1.038	O				0.53
40.833	0.00	0.95	1.032	O				0.53
40.917	0.00	0.95	1.025	O				0.53
41.000	0.00	0.94	1.019	O				0.52

41.083	0.00	0.94	1.012	O				0.52
41.167	0.00	0.93	1.006	O				0.52
41.250	0.00	0.92	1.000	O				0.51
41.333	0.00	0.92	0.993	O				0.51
41.417	0.00	0.91	0.987	O				0.51
41.500	0.00	0.91	0.981	O				0.50
41.583	0.00	0.90	0.974	O				0.50
41.667	0.00	0.89	0.968	O				0.50
41.750	0.00	0.89	0.962	O				0.49
41.833	0.00	0.88	0.956	O				0.49
41.917	0.00	0.88	0.950	O				0.49
42.000	0.00	0.87	0.944	O				0.48
42.083	0.00	0.87	0.938	O				0.48
42.167	0.00	0.86	0.932	O				0.48
42.250	0.00	0.86	0.926	O				0.48
42.333	0.00	0.85	0.920	O				0.47
42.417	0.00	0.84	0.914	O				0.47
42.500	0.00	0.84	0.909	O				0.47
42.583	0.00	0.83	0.903	O				0.46
42.667	0.00	0.83	0.897	O				0.46
42.750	0.00	0.82	0.891	O				0.46
42.833	0.00	0.82	0.886	O				0.45
42.917	0.00	0.81	0.880	O				0.45
43.000	0.00	0.81	0.874	O				0.45
43.083	0.00	0.80	0.869	O				0.45
43.167	0.00	0.80	0.863	O				0.44
43.250	0.00	0.79	0.858	O				0.44
43.333	0.00	0.79	0.852	O				0.44
43.417	0.00	0.78	0.847	O				0.43
43.500	0.00	0.78	0.842	O				0.43
43.583	0.00	0.77	0.836	O				0.43
43.667	0.00	0.77	0.831	O				0.43
43.750	0.00	0.76	0.826	O				0.42
43.833	0.00	0.76	0.821	O				0.42
43.917	0.00	0.75	0.815	O				0.42
44.000	0.00	0.75	0.810	O				0.42
44.083	0.00	0.74	0.805	O				0.41
44.167	0.00	0.74	0.800	O				0.41
44.250	0.00	0.73	0.795	O				0.41
44.333	0.00	0.73	0.790	O				0.41
44.417	0.00	0.73	0.785	O				0.40
44.500	0.00	0.72	0.780	O				0.40
44.583	0.00	0.72	0.775	O				0.40
44.667	0.00	0.71	0.770	O				0.40
44.750	0.00	0.71	0.765	O				0.39
44.833	0.00	0.70	0.760	O				0.39
44.917	0.00	0.70	0.755	O				0.39
45.000	0.00	0.69	0.751	O				0.39
45.083	0.00	0.69	0.746	O				0.38
45.167	0.00	0.68	0.741	O				0.38
45.250	0.00	0.68	0.736	O				0.38
45.333	0.00	0.68	0.732	O				0.38
45.417	0.00	0.67	0.727	O				0.37
45.500	0.00	0.67	0.722	O				0.37
45.583	0.00	0.66	0.718	O				0.37
45.667	0.00	0.66	0.713	O				0.37
45.750	0.00	0.65	0.709	O				0.36
45.833	0.00	0.65	0.704	O				0.36
45.917	0.00	0.65	0.700	O				0.36
46.000	0.00	0.64	0.695	O				0.36
46.083	0.00	0.64	0.691	O				0.35
46.167	0.00	0.63	0.687	O				0.35
46.250	0.00	0.63	0.682	O				0.35

46.333	0.00	0.63	0.678	O				0.35
46.417	0.00	0.62	0.674	O				0.35
46.500	0.00	0.62	0.669	O				0.34
46.583	0.00	0.61	0.665	O				0.34
46.667	0.00	0.61	0.661	O				0.34
46.750	0.00	0.61	0.657	O				0.34
46.833	0.00	0.60	0.653	O				0.33
46.917	0.00	0.60	0.648	O				0.33
47.000	0.00	0.60	0.644	O				0.33
47.083	0.00	0.59	0.640	O				0.33
47.167	0.00	0.59	0.636	O				0.33
47.250	0.00	0.58	0.632	O				0.32
47.333	0.00	0.58	0.628	O				0.32
47.417	0.00	0.58	0.624	O				0.32
47.500	0.00	0.57	0.620	O				0.32
47.583	0.00	0.57	0.616	O				0.32
47.667	0.00	0.57	0.612	O				0.31
47.750	0.00	0.56	0.608	O				0.31
47.833	0.00	0.56	0.605	O				0.31
47.917	0.00	0.56	0.601	O				0.31
48.000	0.00	0.55	0.597	O				0.31
48.083	0.00	0.55	0.593	O				0.30
48.167	0.00	0.54	0.589	O				0.30
48.250	0.00	0.54	0.586	O				0.30
48.333	0.00	0.54	0.582	O				0.30
48.417	0.00	0.53	0.578	O				0.30
48.500	0.00	0.53	0.575	O				0.29
48.583	0.00	0.53	0.571	O				0.29
48.667	0.00	0.52	0.567	O				0.29
48.750	0.00	0.52	0.564	O				0.29
48.833	0.00	0.52	0.560	O				0.29
48.917	0.00	0.51	0.557	O				0.29
49.000	0.00	0.51	0.553	O				0.28
49.083	0.00	0.51	0.550	O				0.28
49.167	0.00	0.50	0.546	O				0.28
49.250	0.00	0.50	0.543	O				0.28
49.333	0.00	0.50	0.539	O				0.28
49.417	0.00	0.50	0.536	O				0.28
49.500	0.00	0.49	0.532	O				0.27
49.583	0.00	0.49	0.529	O				0.27
49.667	0.00	0.49	0.526	O				0.27
49.750	0.00	0.48	0.522	O				0.27
49.833	0.00	0.48	0.519	O				0.27
49.917	0.00	0.48	0.516	O				0.26
50.000	0.00	0.47	0.512	O				0.26
50.083	0.00	0.47	0.509	O				0.26
50.167	0.00	0.47	0.506	O				0.26
50.250	0.00	0.46	0.503	O				0.26
50.333	0.00	0.46	0.500	O				0.26
50.417	0.00	0.46	0.496	O				0.25
50.500	0.00	0.46	0.493	O				0.25
50.583	0.00	0.45	0.490	O				0.25
50.667	0.00	0.45	0.487	O				0.25
50.750	0.00	0.45	0.484	O				0.25
50.833	0.00	0.44	0.481	O				0.25
50.917	0.00	0.44	0.478	O				0.25
51.000	0.00	0.44	0.475	O				0.24
51.083	0.00	0.44	0.472	O				0.24
51.167	0.00	0.43	0.469	O				0.24
51.250	0.00	0.43	0.466	O				0.24
51.333	0.00	0.43	0.463	O				0.24
51.417	0.00	0.42	0.460	O				0.24
51.500	0.00	0.42	0.457	O				0.23

51.583	0.00	0.42	0.454	O				0.23
51.667	0.00	0.42	0.451	O				0.23
51.750	0.00	0.41	0.448	O				0.23
51.833	0.00	0.41	0.445	O				0.23
51.917	0.00	0.41	0.443	O				0.23
52.000	0.00	0.41	0.440	O				0.23
52.083	0.00	0.40	0.437	O				0.22
52.167	0.00	0.40	0.434	O				0.22
52.250	0.00	0.40	0.431	O				0.22
52.333	0.00	0.40	0.429	O				0.22
52.417	0.00	0.39	0.426	O				0.22
52.500	0.00	0.39	0.423	O				0.22
52.583	0.00	0.39	0.421	O				0.22
52.667	0.00	0.39	0.418	O				0.21
52.750	0.00	0.38	0.415	O				0.21
52.833	0.00	0.38	0.413	O				0.21
52.917	0.00	0.38	0.410	O				0.21
53.000	0.00	0.38	0.407	O				0.21
53.083	0.00	0.37	0.405	O				0.21
53.167	0.00	0.37	0.402	O				0.21
53.250	0.00	0.37	0.400	O				0.21
53.333	0.00	0.37	0.397	O				0.20
53.417	0.00	0.36	0.395	O				0.20
53.500	0.00	0.36	0.392	O				0.20
53.583	0.00	0.36	0.390	O				0.20
53.667	0.00	0.36	0.387	O				0.20
53.750	0.00	0.36	0.385	O				0.20
53.833	0.00	0.35	0.382	O				0.20
53.917	0.00	0.35	0.380	O				0.20
54.000	0.00	0.35	0.378	O				0.19
54.083	0.00	0.35	0.375	O				0.19
54.167	0.00	0.34	0.373	O				0.19
54.250	0.00	0.34	0.370	O				0.19
54.333	0.00	0.34	0.368	O				0.19
54.417	0.00	0.34	0.366	O				0.19
54.500	0.00	0.34	0.363	O				0.19
54.583	0.00	0.33	0.361	O				0.19
54.667	0.00	0.33	0.359	O				0.18
54.750	0.00	0.33	0.356	O				0.18
54.833	0.00	0.33	0.354	O				0.18
54.917	0.00	0.33	0.352	O				0.18
55.000	0.00	0.32	0.350	O				0.18
55.083	0.00	0.32	0.348	O				0.18
55.167	0.00	0.32	0.345	O				0.18
55.250	0.00	0.32	0.343	O				0.18
55.333	0.00	0.32	0.341	O				0.18
55.417	0.00	0.31	0.339	O				0.17
55.500	0.00	0.31	0.337	O				0.17
55.583	0.00	0.31	0.335	O				0.17
55.667	0.00	0.31	0.332	O				0.17
55.750	0.00	0.31	0.330	O				0.17
55.833	0.00	0.30	0.328	O				0.17
55.917	0.00	0.30	0.326	O				0.17
56.000	0.00	0.30	0.324	O				0.17
56.083	0.00	0.30	0.322	O				0.17
56.167	0.00	0.30	0.320	O				0.16
56.250	0.00	0.29	0.318	O				0.16
56.333	0.00	0.29	0.316	O				0.16
56.417	0.00	0.29	0.314	O				0.16
56.500	0.00	0.29	0.312	O				0.16
56.583	0.00	0.29	0.310	O				0.16
56.667	0.00	0.28	0.308	O				0.16
56.750	0.00	0.28	0.306	O				0.16

56.833	0.00	0.28	0.304	O				0.16
56.917	0.00	0.28	0.302	O				0.16
57.000	0.00	0.28	0.300	O				0.15
57.083	0.00	0.28	0.298	O				0.15
57.167	0.00	0.27	0.296	O				0.15
57.250	0.00	0.27	0.295	O				0.15
57.333	0.00	0.27	0.293	O				0.15
57.417	0.00	0.27	0.291	O				0.15
57.500	0.00	0.27	0.289	O				0.15
57.583	0.00	0.27	0.287	O				0.15
57.667	0.00	0.26	0.285	O				0.15
57.750	0.00	0.26	0.284	O				0.15
57.833	0.00	0.26	0.282	O				0.14
57.917	0.00	0.26	0.280	O				0.14
58.000	0.00	0.26	0.278	O				0.14
58.083	0.00	0.26	0.276	O				0.14
58.167	0.00	0.25	0.275	O				0.14
58.250	0.00	0.25	0.273	O				0.14
58.333	0.00	0.25	0.271	O				0.14
58.417	0.00	0.25	0.269	O				0.14
58.500	0.00	0.25	0.268	O				0.14
58.583	0.00	0.25	0.266	O				0.14
58.667	0.00	0.24	0.264	O				0.14
58.750	0.00	0.24	0.263	O				0.13
58.833	0.00	0.24	0.261	O				0.13
58.917	0.00	0.24	0.259	O				0.13
59.000	0.00	0.24	0.258	O				0.13
59.083	0.00	0.24	0.256	O				0.13
59.167	0.00	0.24	0.254	O				0.13
59.250	0.00	0.23	0.253	O				0.13
59.333	0.00	0.23	0.251	O				0.13
59.417	0.00	0.23	0.250	O				0.13
59.500	0.00	0.23	0.248	O				0.13
59.583	0.00	0.23	0.246	O				0.13
59.667	0.00	0.23	0.245	O				0.13
59.750	0.00	0.22	0.243	O				0.12
59.833	0.00	0.22	0.242	O				0.12
59.917	0.00	0.22	0.240	O				0.12
60.000	0.00	0.22	0.239	O				0.12
60.083	0.00	0.22	0.237	O				0.12
60.167	0.00	0.22	0.236	O				0.12
60.250	0.00	0.22	0.234	O				0.12
60.333	0.00	0.22	0.233	O				0.12
60.417	0.00	0.21	0.231	O				0.12
60.500	0.00	0.21	0.230	O				0.12
60.583	0.00	0.21	0.228	O				0.12
60.667	0.00	0.21	0.227	O				0.12
60.750	0.00	0.21	0.225	O				0.12
60.833	0.00	0.21	0.224	O				0.12
60.917	0.00	0.21	0.223	O				0.11
61.000	0.00	0.20	0.221	O				0.11
61.083	0.00	0.20	0.220	O				0.11
61.167	0.00	0.20	0.218	O				0.11
61.250	0.00	0.20	0.217	O				0.11
61.333	0.00	0.20	0.216	O				0.11
61.417	0.00	0.20	0.214	O				0.11
61.500	0.00	0.20	0.213	O				0.11
61.583	0.00	0.20	0.212	O				0.11
61.667	0.00	0.19	0.210	O				0.11
61.750	0.00	0.19	0.209	O				0.11
61.833	0.00	0.19	0.208	O				0.11
61.917	0.00	0.19	0.206	O				0.11
62.000	0.00	0.19	0.205	O				0.11

62.083	0.00	0.19	0.204	O				0.10
62.167	0.00	0.19	0.202	O				0.10
62.250	0.00	0.19	0.201	O				0.10
62.333	0.00	0.18	0.200	O				0.10
62.417	0.00	0.18	0.199	O				0.10
62.500	0.00	0.18	0.197	O				0.10
62.583	0.00	0.18	0.196	O				0.10
62.667	0.00	0.18	0.195	O				0.10
62.750	0.00	0.18	0.194	O				0.10
62.833	0.00	0.18	0.192	O				0.10
62.917	0.00	0.18	0.191	O				0.10
63.000	0.00	0.18	0.190	O				0.10
63.083	0.00	0.17	0.189	O				0.10
63.167	0.00	0.17	0.187	O				0.10
63.250	0.00	0.17	0.186	O				0.10
63.333	0.00	0.17	0.185	O				0.10
63.417	0.00	0.17	0.184	O				0.09
63.500	0.00	0.17	0.183	O				0.09
63.583	0.00	0.17	0.182	O				0.09
63.667	0.00	0.17	0.180	O				0.09
63.750	0.00	0.17	0.179	O				0.09
63.833	0.00	0.16	0.178	O				0.09
63.917	0.00	0.16	0.177	O				0.09
64.000	0.00	0.16	0.176	O				0.09
64.083	0.00	0.16	0.175	O				0.09
64.167	0.00	0.16	0.174	O				0.09
64.250	0.00	0.16	0.173	O				0.09
64.333	0.00	0.16	0.171	O				0.09
64.417	0.00	0.16	0.170	O				0.09
64.500	0.00	0.16	0.169	O				0.09
64.583	0.00	0.16	0.168	O				0.09
64.667	0.00	0.15	0.167	O				0.09
64.750	0.00	0.15	0.166	O				0.09
64.833	0.00	0.15	0.165	O				0.08
64.917	0.00	0.15	0.164	O				0.08
65.000	0.00	0.15	0.163	O				0.08
65.083	0.00	0.15	0.162	O				0.08
65.167	0.00	0.15	0.161	O				0.08
65.250	0.00	0.15	0.160	O				0.08
65.333	0.00	0.15	0.159	O				0.08
65.417	0.00	0.15	0.158	O				0.08
65.500	0.00	0.14	0.157	O				0.08
65.583	0.00	0.14	0.156	O				0.08
65.667	0.00	0.14	0.155	O				0.08
65.750	0.00	0.14	0.154	O				0.08
65.833	0.00	0.14	0.153	O				0.08
65.917	0.00	0.14	0.152	O				0.08
66.000	0.00	0.14	0.151	O				0.08
66.083	0.00	0.14	0.150	O				0.08
66.167	0.00	0.14	0.149	O				0.08
66.250	0.00	0.14	0.148	O				0.08
66.333	0.00	0.14	0.147	O				0.08
66.417	0.00	0.14	0.146	O				0.08
66.500	0.00	0.13	0.145	O				0.07
66.583	0.00	0.13	0.144	O				0.07
66.667	0.00	0.13	0.143	O				0.07
66.750	0.00	0.13	0.143	O				0.07
66.833	0.00	0.13	0.142	O				0.07
66.917	0.00	0.13	0.141	O				0.07
67.000	0.00	0.13	0.140	O				0.07
67.083	0.00	0.13	0.139	O				0.07
67.167	0.00	0.13	0.138	O				0.07
67.250	0.00	0.13	0.137	O				0.07

67.333	0.00	0.13	0.136	O				0.07
67.417	0.00	0.13	0.136	O				0.07
67.500	0.00	0.12	0.135	O				0.07
67.583	0.00	0.12	0.134	O				0.07
67.667	0.00	0.12	0.133	O				0.07
67.750	0.00	0.12	0.132	O				0.07
67.833	0.00	0.12	0.131	O				0.07
67.917	0.00	0.12	0.130	O				0.07
68.000	0.00	0.12	0.130	O				0.07
68.083	0.00	0.12	0.129	O				0.07
68.167	0.00	0.12	0.128	O				0.07
68.250	0.00	0.12	0.127	O				0.07
68.333	0.00	0.12	0.126	O				0.06
68.417	0.00	0.12	0.126	O				0.06
68.500	0.00	0.12	0.125	O				0.06
68.583	0.00	0.11	0.124	O				0.06
68.667	0.00	0.11	0.123	O				0.06
68.750	0.00	0.11	0.122	O				0.06
68.833	0.00	0.11	0.122	O				0.06
68.917	0.00	0.11	0.121	O				0.06
69.000	0.00	0.11	0.120	O				0.06
69.083	0.00	0.11	0.119	O				0.06
69.167	0.00	0.11	0.119	O				0.06
69.250	0.00	0.11	0.118	O				0.06
69.333	0.00	0.11	0.117	O				0.06
69.417	0.00	0.11	0.116	O				0.06
69.500	0.00	0.11	0.116	O				0.06
69.583	0.00	0.11	0.115	O				0.06
69.667	0.00	0.11	0.114	O				0.06
69.750	0.00	0.10	0.113	O				0.06
69.833	0.00	0.10	0.113	O				0.06
69.917	0.00	0.10	0.112	O				0.06
70.000	0.00	0.10	0.111	O				0.06
70.083	0.00	0.10	0.111	O				0.06
70.167	0.00	0.10	0.110	O				0.06
70.250	0.00	0.10	0.109	O				0.06
70.333	0.00	0.10	0.108	O				0.06
70.417	0.00	0.10	0.108	O				0.06
70.500	0.00	0.10	0.107	O				0.05
70.583	0.00	0.10	0.106	O				0.05
70.667	0.00	0.10	0.106	O				0.05
70.750	0.00	0.10	0.105	O				0.05
70.833	0.00	0.10	0.104	O				0.05
70.917	0.00	0.10	0.104	O				0.05
71.000	0.00	0.10	0.103	O				0.05
71.083	0.00	0.09	0.102	O				0.05
71.167	0.00	0.09	0.102	O				0.05
71.250	0.00	0.09	0.101	O				0.05
71.333	0.00	0.09	0.100	O				0.05
71.417	0.00	0.09	0.100	O				0.05
71.500	0.00	0.09	0.099	O				0.05
71.583	0.00	0.09	0.099	O				0.05
71.667	0.00	0.09	0.098	O				0.05
71.750	0.00	0.09	0.097	O				0.05
71.833	0.00	0.09	0.097	O				0.05
71.917	0.00	0.09	0.096	O				0.05
72.000	0.00	0.09	0.095	O				0.05
72.083	0.00	0.09	0.095	O				0.05
72.167	0.00	0.09	0.094	O				0.05
72.250	0.00	0.09	0.094	O				0.05
72.333	0.00	0.09	0.093	O				0.05
72.417	0.00	0.09	0.092	O				0.05
72.500	0.00	0.08	0.092	O				0.05

72.583	0.00	0.08	0.091	O				0.05
72.667	0.00	0.08	0.091	O				0.05
72.750	0.00	0.08	0.090	O				0.05
72.833	0.00	0.08	0.090	O				0.05
72.917	0.00	0.08	0.089	O				0.05
73.000	0.00	0.08	0.088	O				0.05
73.083	0.00	0.08	0.088	O				0.05
73.167	0.00	0.08	0.087	O				0.04
73.250	0.00	0.08	0.087	O				0.04
73.333	0.00	0.08	0.086	O				0.04
73.417	0.00	0.08	0.086	O				0.04
73.500	0.00	0.08	0.085	O				0.04
73.583	0.00	0.08	0.085	O				0.04
73.667	0.00	0.08	0.084	O				0.04
73.750	0.00	0.08	0.084	O				0.04
73.833	0.00	0.08	0.083	O				0.04
73.917	0.00	0.08	0.082	O				0.04
74.000	0.00	0.08	0.082	O				0.04
74.083	0.00	0.08	0.081	O				0.04
74.167	0.00	0.07	0.081	O				0.04
74.250	0.00	0.07	0.080	O				0.04
74.333	0.00	0.07	0.080	O				0.04
74.417	0.00	0.07	0.079	O				0.04
74.500	0.00	0.07	0.079	O				0.04
74.583	0.00	0.07	0.078	O				0.04
74.667	0.00	0.07	0.078	O				0.04
74.750	0.00	0.07	0.077	O				0.04
74.833	0.00	0.07	0.077	O				0.04
74.917	0.00	0.07	0.076	O				0.04
75.000	0.00	0.07	0.076	O				0.04
75.083	0.00	0.07	0.075	O				0.04
75.167	0.00	0.07	0.075	O				0.04
75.250	0.00	0.07	0.075	O				0.04
75.333	0.00	0.07	0.074	O				0.04
75.417	0.00	0.07	0.074	O				0.04
75.500	0.00	0.07	0.073	O				0.04
75.583	0.00	0.07	0.073	O				0.04
75.667	0.00	0.07	0.072	O				0.04
75.750	0.00	0.07	0.072	O				0.04
75.833	0.00	0.07	0.071	O				0.04
75.917	0.00	0.07	0.071	O				0.04
76.000	0.00	0.07	0.070	O				0.04
76.083	0.00	0.06	0.070	O				0.04
76.167	0.00	0.06	0.069	O				0.04
76.250	0.00	0.06	0.069	O				0.04
76.333	0.00	0.06	0.069	O				0.04
76.417	0.00	0.06	0.068	O				0.03
76.500	0.00	0.06	0.068	O				0.03
76.583	0.00	0.06	0.067	O				0.03
76.667	0.00	0.06	0.067	O				0.03
76.750	0.00	0.06	0.066	O				0.03
76.833	0.00	0.06	0.066	O				0.03
76.917	0.00	0.06	0.066	O				0.03
77.000	0.00	0.06	0.065	O				0.03
77.083	0.00	0.06	0.065	O				0.03
77.167	0.00	0.06	0.064	O				0.03
77.250	0.00	0.06	0.064	O				0.03
77.333	0.00	0.06	0.064	O				0.03
77.417	0.00	0.06	0.063	O				0.03
77.500	0.00	0.06	0.063	O				0.03
77.583	0.00	0.06	0.062	O				0.03
77.667	0.00	0.06	0.062	O				0.03
77.750	0.00	0.06	0.062	O				0.03

77.833	0.00	0.06	0.061	O				0.03
77.917	0.00	0.06	0.061	O				0.03
78.000	0.00	0.06	0.060	O				0.03
78.083	0.00	0.06	0.060	O				0.03
78.167	0.00	0.06	0.060	O				0.03
78.250	0.00	0.05	0.059	O				0.03
78.333	0.00	0.05	0.059	O				0.03
78.417	0.00	0.05	0.058	O				0.03
78.500	0.00	0.05	0.058	O				0.03
78.583	0.00	0.05	0.058	O				0.03
78.667	0.00	0.05	0.057	O				0.03
78.750	0.00	0.05	0.057	O				0.03
78.833	0.00	0.05	0.057	O				0.03
78.917	0.00	0.05	0.056	O				0.03
79.000	0.00	0.05	0.056	O				0.03
79.083	0.00	0.05	0.056	O				0.03
79.167	0.00	0.05	0.055	O				0.03
79.250	0.00	0.05	0.055	O				0.03
79.333	0.00	0.05	0.055	O				0.03
79.417	0.00	0.05	0.054	O				0.03
79.500	0.00	0.05	0.054	O				0.03
79.583	0.00	0.05	0.054	O				0.03
79.667	0.00	0.05	0.053	O				0.03
79.750	0.00	0.05	0.053	O				0.03
79.833	0.00	0.05	0.053	O				0.03
79.917	0.00	0.05	0.052	O				0.03
80.000	0.00	0.05	0.052	O				0.03
80.083	0.00	0.05	0.052	O				0.03
80.167	0.00	0.05	0.051	O				0.03
80.250	0.00	0.05	0.051	O				0.03
80.333	0.00	0.05	0.051	O				0.03
80.417	0.00	0.05	0.050	O				0.03
80.500	0.00	0.05	0.050	O				0.03
80.583	0.00	0.05	0.050	O				0.03
80.667	0.00	0.05	0.049	O				0.03
80.750	0.00	0.05	0.049	O				0.03
80.833	0.00	0.04	0.049	O				0.02
80.917	0.00	0.04	0.048	O				0.02
81.000	0.00	0.04	0.048	O				0.02
81.083	0.00	0.04	0.048	O				0.02
81.167	0.00	0.04	0.047	O				0.02
81.250	0.00	0.04	0.047	O				0.02
81.333	0.00	0.04	0.047	O				0.02
81.417	0.00	0.04	0.047	O				0.02
81.500	0.00	0.04	0.046	O				0.02
81.583	0.00	0.04	0.046	O				0.02
81.667	0.00	0.04	0.046	O				0.02
81.750	0.00	0.04	0.045	O				0.02
81.833	0.00	0.04	0.045	O				0.02
81.917	0.00	0.04	0.045	O				0.02
82.000	0.00	0.04	0.044	O				0.02
82.083	0.00	0.04	0.044	O				0.02
82.167	0.00	0.04	0.044	O				0.02
82.250	0.00	0.04	0.044	O				0.02
82.333	0.00	0.04	0.043	O				0.02
82.417	0.00	0.04	0.043	O				0.02
82.500	0.00	0.04	0.043	O				0.02
82.583	0.00	0.04	0.043	O				0.02
82.667	0.00	0.04	0.042	O				0.02
82.750	0.00	0.04	0.042	O				0.02
82.833	0.00	0.04	0.042	O				0.02
82.917	0.00	0.04	0.041	O				0.02
83.000	0.00	0.04	0.041	O				0.02

83.083	0.00	0.04	0.041	O				0.02
83.167	0.00	0.04	0.041	O				0.02
83.250	0.00	0.04	0.040	O				0.02
83.333	0.00	0.04	0.040	O				0.02
83.417	0.00	0.04	0.040	O				0.02
83.500	0.00	0.04	0.040	O				0.02
83.583	0.00	0.04	0.039	O				0.02
83.667	0.00	0.04	0.039	O				0.02
83.750	0.00	0.04	0.039	O				0.02
83.833	0.00	0.04	0.039	O				0.02
83.917	0.00	0.04	0.038	O				0.02
84.000	0.00	0.04	0.038	O				0.02
84.083	0.00	0.04	0.038	O				0.02
84.167	0.00	0.03	0.038	O				0.02
84.250	0.00	0.03	0.037	O				0.02
84.333	0.00	0.03	0.037	O				0.02
84.417	0.00	0.03	0.037	O				0.02
84.500	0.00	0.03	0.037	O				0.02
84.583	0.00	0.03	0.037	O				0.02
84.667	0.00	0.03	0.036	O				0.02
84.750	0.00	0.03	0.036	O				0.02
84.833	0.00	0.03	0.036	O				0.02
84.917	0.00	0.03	0.036	O				0.02
85.000	0.00	0.03	0.035	O				0.02
85.083	0.00	0.03	0.035	O				0.02
85.167	0.00	0.03	0.035	O				0.02
85.250	0.00	0.03	0.035	O				0.02
85.333	0.00	0.03	0.034	O				0.02
85.417	0.00	0.03	0.034	O				0.02
85.500	0.00	0.03	0.034	O				0.02
85.583	0.00	0.03	0.034	O				0.02
85.667	0.00	0.03	0.034	O				0.02
85.750	0.00	0.03	0.033	O				0.02
85.833	0.00	0.03	0.033	O				0.02
85.917	0.00	0.03	0.033	O				0.02
86.000	0.00	0.03	0.033	O				0.02
86.083	0.00	0.03	0.033	O				0.02
86.167	0.00	0.03	0.032	O				0.02
86.250	0.00	0.03	0.032	O				0.02
86.333	0.00	0.03	0.032	O				0.02
86.417	0.00	0.03	0.032	O				0.02
86.500	0.00	0.03	0.032	O				0.02
86.583	0.00	0.03	0.031	O				0.02
86.667	0.00	0.03	0.031	O				0.02
86.750	0.00	0.03	0.031	O				0.02
86.833	0.00	0.03	0.031	O				0.02
86.917	0.00	0.03	0.031	O				0.02
87.000	0.00	0.03	0.030	O				0.02
87.083	0.00	0.03	0.030	O				0.02
87.167	0.00	0.03	0.030	O				0.02
87.250	0.00	0.03	0.030	O				0.02
87.333	0.00	0.03	0.030	O				0.02
87.417	0.00	0.03	0.029	O				0.02
87.500	0.00	0.03	0.029	O				0.02
87.583	0.00	0.03	0.029	O				0.01
87.667	0.00	0.03	0.029	O				0.01
87.750	0.00	0.03	0.029	O				0.01
87.833	0.00	0.03	0.028	O				0.01
87.917	0.00	0.03	0.028	O				0.01
88.000	0.00	0.03	0.028	O				0.01
88.083	0.00	0.03	0.028	O				0.01
88.167	0.00	0.03	0.028	O				0.01
88.250	0.00	0.03	0.028	O				0.01

88.333	0.00	0.03	0.027	O				0.01
88.417	0.00	0.03	0.027	O				0.01
88.500	0.00	0.03	0.027	O				0.01
88.583	0.00	0.02	0.027	O				0.01
88.667	0.00	0.02	0.027	O				0.01
88.750	0.00	0.02	0.027	O				0.01
88.833	0.00	0.02	0.026	O				0.01
88.917	0.00	0.02	0.026	O				0.01
89.000	0.00	0.02	0.026	O				0.01
89.083	0.00	0.02	0.026	O				0.01
89.167	0.00	0.02	0.026	O				0.01
89.250	0.00	0.02	0.026	O				0.01
89.333	0.00	0.02	0.025	O				0.01
89.417	0.00	0.02	0.025	O				0.01
89.500	0.00	0.02	0.025	O				0.01
89.583	0.00	0.02	0.025	O				0.01
89.667	0.00	0.02	0.025	O				0.01
89.750	0.00	0.02	0.025	O				0.01
89.833	0.00	0.02	0.024	O				0.01
89.917	0.00	0.02	0.024	O				0.01
90.000	0.00	0.02	0.024	O				0.01
90.083	0.00	0.02	0.024	O				0.01
90.167	0.00	0.02	0.024	O				0.01
90.250	0.00	0.02	0.024	O				0.01
90.333	0.00	0.02	0.024	O				0.01
90.417	0.00	0.02	0.023	O				0.01
90.500	0.00	0.02	0.023	O				0.01
90.583	0.00	0.02	0.023	O				0.01
90.667	0.00	0.02	0.023	O				0.01
90.750	0.00	0.02	0.023	O				0.01
90.833	0.00	0.02	0.023	O				0.01
90.917	0.00	0.02	0.023	O				0.01
91.000	0.00	0.02	0.022	O				0.01
91.083	0.00	0.02	0.022	O				0.01
91.167	0.00	0.02	0.022	O				0.01
91.250	0.00	0.02	0.022	O				0.01
91.333	0.00	0.02	0.022	O				0.01
91.417	0.00	0.02	0.022	O				0.01
91.500	0.00	0.02	0.022	O				0.01
91.583	0.00	0.02	0.021	O				0.01
91.667	0.00	0.02	0.021	O				0.01
91.750	0.00	0.02	0.021	O				0.01
91.833	0.00	0.02	0.021	O				0.01
91.917	0.00	0.02	0.021	O				0.01
92.000	0.00	0.02	0.021	O				0.01
92.083	0.00	0.02	0.021	O				0.01
92.167	0.00	0.02	0.020	O				0.01
92.250	0.00	0.02	0.020	O				0.01
92.333	0.00	0.02	0.020	O				0.01
92.417	0.00	0.02	0.020	O				0.01
92.500	0.00	0.02	0.020	O				0.01
92.583	0.00	0.02	0.020	O				0.01
92.667	0.00	0.02	0.020	O				0.01
92.750	0.00	0.02	0.020	O				0.01
92.833	0.00	0.02	0.019	O				0.01
92.917	0.00	0.02	0.019	O				0.01
93.000	0.00	0.02	0.019	O				0.01
93.083	0.00	0.02	0.019	O				0.01
93.167	0.00	0.02	0.019	O				0.01
93.250	0.00	0.02	0.019	O				0.01
93.333	0.00	0.02	0.019	O				0.01
93.417	0.00	0.02	0.019	O				0.01
93.500	0.00	0.02	0.018	O				0.01

93.583	0.00	0.02	0.018	O				0.01
93.667	0.00	0.02	0.018	O				0.01
93.750	0.00	0.02	0.018	O				0.01
93.833	0.00	0.02	0.018	O				0.01
93.917	0.00	0.02	0.018	O				0.01
94.000	0.00	0.02	0.018	O				0.01
94.083	0.00	0.02	0.018	O				0.01
94.167	0.00	0.02	0.018	O				0.01
94.250	0.00	0.02	0.017	O				0.01
94.333	0.00	0.02	0.017	O				0.01
94.417	0.00	0.02	0.017	O				0.01
94.500	0.00	0.02	0.017	O				0.01
94.583	0.00	0.02	0.017	O				0.01
94.667	0.00	0.02	0.017	O				0.01
94.750	0.00	0.02	0.017	O				0.01
94.833	0.00	0.02	0.017	O				0.01
94.917	0.00	0.02	0.017	O				0.01
95.000	0.00	0.02	0.016	O				0.01
95.083	0.00	0.02	0.016	O				0.01
95.167	0.00	0.02	0.016	O				0.01
95.250	0.00	0.01	0.016	O				0.01
95.333	0.00	0.01	0.016	O				0.01
95.417	0.00	0.01	0.016	O				0.01
95.500	0.00	0.01	0.016	O				0.01
95.583	0.00	0.01	0.016	O				0.01
95.667	0.00	0.01	0.016	O				0.01
95.750	0.00	0.01	0.016	O				0.01
95.833	0.00	0.01	0.015	O				0.01
95.917	0.00	0.01	0.015	O				0.01
96.000	0.00	0.01	0.015	O				0.01
96.083	0.00	0.01	0.015	O				0.01
96.167	0.00	0.01	0.015	O				0.01
96.250	0.00	0.01	0.015	O				0.01
96.333	0.00	0.01	0.015	O				0.01
96.417	0.00	0.01	0.015	O				0.01
96.500	0.00	0.01	0.015	O				0.01
96.583	0.00	0.01	0.015	O				0.01
96.667	0.00	0.01	0.015	O				0.01
96.750	0.00	0.01	0.014	O				0.01
96.833	0.00	0.01	0.014	O				0.01
96.917	0.00	0.01	0.014	O				0.01
97.000	0.00	0.01	0.014	O				0.01
97.083	0.00	0.01	0.014	O				0.01
97.167	0.00	0.01	0.014	O				0.01
97.250	0.00	0.01	0.014	O				0.01
97.333	0.00	0.01	0.014	O				0.01
97.417	0.00	0.01	0.014	O				0.01
97.500	0.00	0.01	0.014	O				0.01
97.583	0.00	0.01	0.014	O				0.01
97.667	0.00	0.01	0.013	O				0.01
97.750	0.00	0.01	0.013	O				0.01
97.833	0.00	0.01	0.013	O				0.01
97.917	0.00	0.01	0.013	O				0.01
98.000	0.00	0.01	0.013	O				0.01
98.083	0.00	0.01	0.013	O				0.01
98.167	0.00	0.01	0.013	O				0.01
98.250	0.00	0.01	0.013	O				0.01
98.333	0.00	0.01	0.013	O				0.01
98.417	0.00	0.01	0.013	O				0.01
98.500	0.00	0.01	0.013	O				0.01
98.583	0.00	0.01	0.013	O				0.01
98.667	0.00	0.01	0.012	O				0.01
98.750	0.00	0.01	0.012	O				0.01

98.833	0.00	0.01	0.012	O				0.01
98.917	0.00	0.01	0.012	O				0.01
99.000	0.00	0.01	0.012	O				0.01
99.083	0.00	0.01	0.012	O				0.01
99.167	0.00	0.01	0.012	O				0.01
99.250	0.00	0.01	0.012	O				0.01
99.333	0.00	0.01	0.012	O				0.01
99.417	0.00	0.01	0.012	O				0.01
99.500	0.00	0.01	0.012	O				0.01
99.583	0.00	0.01	0.012	O				0.01
99.667	0.00	0.01	0.012	O				0.01
99.750	0.00	0.01	0.011	O				0.01
99.833	0.00	0.01	0.011	O				0.01
99.917	0.00	0.01	0.011	O				0.01
100.000	0.00	0.01	0.011	O				0.01
100.083	0.00	0.01	0.011	O				0.01
100.167	0.00	0.01	0.011	O				0.01
100.250	0.00	0.01	0.011	O				0.01
100.333	0.00	0.01	0.011	O				0.01
100.417	0.00	0.01	0.011	O				0.01
100.500	0.00	0.01	0.011	O				0.01
100.583	0.00	0.01	0.011	O				0.01
100.667	0.00	0.01	0.011	O				0.01
100.750	0.00	0.01	0.011	O				0.01
100.833	0.00	0.01	0.011	O				0.01
100.917	0.00	0.01	0.010	O				0.01
101.000	0.00	0.01	0.010	O				0.01
101.083	0.00	0.01	0.010	O				0.01
101.167	0.00	0.01	0.010	O				0.01
101.250	0.00	0.01	0.010	O				0.01
101.333	0.00	0.01	0.010	O				0.01
101.417	0.00	0.01	0.010	O				0.01
101.500	0.00	0.01	0.010	O				0.01
101.583	0.00	0.01	0.010	O				0.01
101.667	0.00	0.01	0.010	O				0.01
101.750	0.00	0.01	0.010	O				0.01
101.833	0.00	0.01	0.010	O				0.01
101.917	0.00	0.01	0.010	O				0.00
102.000	0.00	0.01	0.010	O				0.00
102.083	0.00	0.01	0.010	O				0.00
102.167	0.00	0.01	0.010	O				0.00
102.250	0.00	0.01	0.009	O				0.00
102.333	0.00	0.01	0.009	O				0.00
102.417	0.00	0.01	0.009	O				0.00
102.500	0.00	0.01	0.009	O				0.00
102.583	0.00	0.01	0.009	O				0.00
102.667	0.00	0.01	0.009	O				0.00
102.750	0.00	0.01	0.009	O				0.00
102.833	0.00	0.01	0.009	O				0.00
102.917	0.00	0.01	0.009	O				0.00
103.000	0.00	0.01	0.009	O				0.00
103.083	0.00	0.01	0.009	O				0.00
103.167	0.00	0.01	0.009	O				0.00
103.250	0.00	0.01	0.009	O				0.00
103.333	0.00	0.01	0.009	O				0.00
103.417	0.00	0.01	0.009	O				0.00
103.500	0.00	0.01	0.009	O				0.00
103.583	0.00	0.01	0.009	O				0.00
103.667	0.00	0.01	0.009	O				0.00
103.750	0.00	0.01	0.008	O				0.00
103.833	0.00	0.01	0.008	O				0.00
103.917	0.00	0.01	0.008	O				0.00
104.000	0.00	0.01	0.008	O				0.00

104.083	0.00	0.01	0.008	O					0.00
104.167	0.00	0.01	0.008	O					0.00
104.250	0.00	0.01	0.008	O					0.00
104.333	0.00	0.01	0.008	O					0.00
104.417	0.00	0.01	0.008	O					0.00
104.500	0.00	0.01	0.008	O					0.00
104.583	0.00	0.01	0.008	O					0.00
104.667	0.00	0.01	0.008	O					0.00
104.750	0.00	0.01	0.008	O					0.00
104.833	0.00	0.01	0.008	O					0.00
104.917	0.00	0.01	0.008	O					0.00
105.000	0.00	0.01	0.008	O					0.00
105.083	0.00	0.01	0.008	O					0.00
105.167	0.00	0.01	0.008	O					0.00
105.250	0.00	0.01	0.008	O					0.00
105.333	0.00	0.01	0.007	O					0.00
105.417	0.00	0.01	0.007	O					0.00
105.500	0.00	0.01	0.007	O					0.00
105.583	0.00	0.01	0.007	O					0.00
105.667	0.00	0.01	0.007	O					0.00
105.750	0.00	0.01	0.007	O					0.00
105.833	0.00	0.01	0.007	O					0.00
105.917	0.00	0.01	0.007	O					0.00
106.000	0.00	0.01	0.007	O					0.00
106.083	0.00	0.01	0.007	O					0.00
106.167	0.00	0.01	0.007	O					0.00
106.250	0.00	0.01	0.007	O					0.00
106.333	0.00	0.01	0.007	O					0.00
106.417	0.00	0.01	0.007	O					0.00
106.500	0.00	0.01	0.007	O					0.00
106.583	0.00	0.01	0.007	O					0.00
106.667	0.00	0.01	0.007	O					0.00
106.750	0.00	0.01	0.007	O					0.00
106.833	0.00	0.01	0.007	O					0.00
106.917	0.00	0.01	0.007	O					0.00
107.000	0.00	0.01	0.007	O					0.00
107.083	0.00	0.01	0.007	O					0.00
107.167	0.00	0.01	0.007	O					0.00
107.250	0.00	0.01	0.006	O					0.00
107.333	0.00	0.01	0.006	O					0.00
107.417	0.00	0.01	0.006	O					0.00
107.500	0.00	0.01	0.006	O					0.00
107.583	0.00	0.01	0.006	O					0.00
107.667	0.00	0.01	0.006	O					0.00
107.750	0.00	0.01	0.006	O					0.00
107.833	0.00	0.01	0.006	O					0.00
107.917	0.00	0.01	0.006	O					0.00
108.000	0.00	0.01	0.006	O					0.00
108.083	0.00	0.01	0.006	O					0.00
108.167	0.00	0.01	0.006	O					0.00
108.250	0.00	0.01	0.006	O					0.00
108.333	0.00	0.01	0.006	O					0.00
108.417	0.00	0.01	0.006	O					0.00
108.500	0.00	0.01	0.006	O					0.00
108.583	0.00	0.01	0.006	O					0.00
108.667	0.00	0.01	0.006	O					0.00
108.750	0.00	0.01	0.006	O					0.00
108.833	0.00	0.01	0.006	O					0.00
108.917	0.00	0.01	0.006	O					0.00
109.000	0.00	0.01	0.006	O					0.00
109.083	0.00	0.01	0.006	O					0.00
109.167	0.00	0.01	0.006	O					0.00
109.250	0.00	0.01	0.006	O					0.00

109.333	0.00	0.01	0.006	O					0.00
109.417	0.00	0.01	0.005	O					0.00
109.500	0.00	0.01	0.005	O					0.00
109.583	0.00	0.01	0.005	O					0.00
109.667	0.00	0.00	0.005	O					0.00
109.750	0.00	0.00	0.005	O					0.00
109.833	0.00	0.00	0.005	O					0.00
109.917	0.00	0.00	0.005	O					0.00
110.000	0.00	0.00	0.005	O					0.00
110.083	0.00	0.00	0.005	O					0.00
110.167	0.00	0.00	0.005	O					0.00
110.250	0.00	0.00	0.005	O					0.00
110.333	0.00	0.00	0.005	O					0.00
110.417	0.00	0.00	0.005	O					0.00
110.500	0.00	0.00	0.005	O					0.00
110.583	0.00	0.00	0.005	O					0.00
110.667	0.00	0.00	0.005	O					0.00
110.750	0.00	0.00	0.005	O					0.00
110.833	0.00	0.00	0.005	O					0.00
110.917	0.00	0.00	0.005	O					0.00
111.000	0.00	0.00	0.005	O					0.00
111.083	0.00	0.00	0.005	O					0.00
111.167	0.00	0.00	0.005	O					0.00
111.250	0.00	0.00	0.005	O					0.00
111.333	0.00	0.00	0.005	O					0.00
111.417	0.00	0.00	0.005	O					0.00
111.500	0.00	0.00	0.005	O					0.00
111.583	0.00	0.00	0.005	O					0.00
111.667	0.00	0.00	0.005	O					0.00
111.750	0.00	0.00	0.005	O					0.00
111.833	0.00	0.00	0.005	O					0.00
111.917	0.00	0.00	0.005	O					0.00
112.000	0.00	0.00	0.005	O					0.00
112.083	0.00	0.00	0.004	O					0.00
112.167	0.00	0.00	0.004	O					0.00
112.250	0.00	0.00	0.004	O					0.00
112.333	0.00	0.00	0.004	O					0.00
112.417	0.00	0.00	0.004	O					0.00
112.500	0.00	0.00	0.004	O					0.00
112.583	0.00	0.00	0.004	O					0.00
112.667	0.00	0.00	0.004	O					0.00
112.750	0.00	0.00	0.004	O					0.00
112.833	0.00	0.00	0.004	O					0.00
112.917	0.00	0.00	0.004	O					0.00
113.000	0.00	0.00	0.004	O					0.00
113.083	0.00	0.00	0.004	O					0.00
113.167	0.00	0.00	0.004	O					0.00
113.250	0.00	0.00	0.004	O					0.00
113.333	0.00	0.00	0.004	O					0.00
113.417	0.00	0.00	0.004	O					0.00
113.500	0.00	0.00	0.004	O					0.00
113.583	0.00	0.00	0.004	O					0.00
113.667	0.00	0.00	0.004	O					0.00
113.750	0.00	0.00	0.004	O					0.00
113.833	0.00	0.00	0.004	O					0.00
113.917	0.00	0.00	0.004	O					0.00
114.000	0.00	0.00	0.004	O					0.00
114.083	0.00	0.00	0.004	O					0.00
114.167	0.00	0.00	0.004	O					0.00
114.250	0.00	0.00	0.004	O					0.00
114.333	0.00	0.00	0.004	O					0.00
114.417	0.00	0.00	0.004	O					0.00
114.500	0.00	0.00	0.004	O					0.00

114.583	0.00	0.00	0.004	O					0.00
114.667	0.00	0.00	0.004	O					0.00
114.750	0.00	0.00	0.004	O					0.00
114.833	0.00	0.00	0.004	O					0.00
114.917	0.00	0.00	0.004	O					0.00
115.000	0.00	0.00	0.004	O					0.00
115.083	0.00	0.00	0.004	O					0.00
115.167	0.00	0.00	0.004	O					0.00
115.250	0.00	0.00	0.004	O					0.00
115.333	0.00	0.00	0.003	O					0.00
115.417	0.00	0.00	0.003	O					0.00
115.500	0.00	0.00	0.003	O					0.00
115.583	0.00	0.00	0.003	O					0.00
115.667	0.00	0.00	0.003	O					0.00
115.750	0.00	0.00	0.003	O					0.00
115.833	0.00	0.00	0.003	O					0.00
115.917	0.00	0.00	0.003	O					0.00
116.000	0.00	0.00	0.003	O					0.00
116.083	0.00	0.00	0.003	O					0.00
116.167	0.00	0.00	0.003	O					0.00
116.250	0.00	0.00	0.003	O					0.00
116.333	0.00	0.00	0.003	O					0.00
116.417	0.00	0.00	0.003	O					0.00
116.500	0.00	0.00	0.003	O					0.00
116.583	0.00	0.00	0.003	O					0.00
116.667	0.00	0.00	0.003	O					0.00
116.750	0.00	0.00	0.003	O					0.00
116.833	0.00	0.00	0.003	O					0.00
116.917	0.00	0.00	0.003	O					0.00
117.000	0.00	0.00	0.003	O					0.00
117.083	0.00	0.00	0.003	O					0.00
117.167	0.00	0.00	0.003	O					0.00
117.250	0.00	0.00	0.003	O					0.00
117.333	0.00	0.00	0.003	O					0.00
117.417	0.00	0.00	0.003	O					0.00
117.500	0.00	0.00	0.003	O					0.00
117.583	0.00	0.00	0.003	O					0.00
117.667	0.00	0.00	0.003	O					0.00
117.750	0.00	0.00	0.003	O					0.00
117.833	0.00	0.00	0.003	O					0.00
117.917	0.00	0.00	0.003	O					0.00
118.000	0.00	0.00	0.003	O					0.00
118.083	0.00	0.00	0.003	O					0.00
118.167	0.00	0.00	0.003	O					0.00
118.250	0.00	0.00	0.003	O					0.00
118.333	0.00	0.00	0.003	O					0.00
118.417	0.00	0.00	0.003	O					0.00
118.500	0.00	0.00	0.003	O					0.00
118.583	0.00	0.00	0.003	O					0.00
118.667	0.00	0.00	0.003	O					0.00
118.750	0.00	0.00	0.003	O					0.00
118.833	0.00	0.00	0.003	O					0.00
118.917	0.00	0.00	0.003	O					0.00
119.000	0.00	0.00	0.003	O					0.00
119.083	0.00	0.00	0.003	O					0.00
119.167	0.00	0.00	0.003	O					0.00
119.250	0.00	0.00	0.003	O					0.00
119.333	0.00	0.00	0.003	O					0.00
119.417	0.00	0.00	0.003	O					0.00
119.500	0.00	0.00	0.003	O					0.00
119.583	0.00	0.00	0.003	O					0.00
119.667	0.00	0.00	0.003	O					0.00
119.750	0.00	0.00	0.002	O					0.00

119.833	0.00	0.00	0.002	O	|	|	|	|	0.00
119.917	0.00	0.00	0.002	O	|	|	|	|	0.00
120.000	0.00	0.00	0.002	O	|	|	|	|	0.00
120.083	0.00	0.00	0.002	O	|	|	|	|	0.00
120.167	0.00	0.00	0.002	O	|	|	|	|	0.00
120.250	0.00	0.00	0.002	O	|	|	|	|	0.00
120.333	0.00	0.00	0.002	O	|	|	|	|	0.00
120.417	0.00	0.00	0.002	O	|	|	|	|	0.00
120.500	0.00	0.00	0.002	O	|	|	|	|	0.00
120.583	0.00	0.00	0.002	O	|	|	|	|	0.00
120.667	0.00	0.00	0.002	O	|	|	|	|	0.00
120.750	0.00	0.00	0.002	O	|	|	|	|	0.00
120.833	0.00	0.00	0.002	O	|	|	|	|	0.00
120.917	0.00	0.00	0.002	O	|	|	|	|	0.00
121.000	0.00	0.00	0.002	O	|	|	|	|	0.00
121.083	0.00	0.00	0.002	O	|	|	|	|	0.00
121.167	0.00	0.00	0.002	O	|	|	|	|	0.00
121.250	0.00	0.00	0.002	O	|	|	|	|	0.00
121.333	0.00	0.00	0.002	O	|	|	|	|	0.00
121.417	0.00	0.00	0.002	O	|	|	|	|	0.00
121.500	0.00	0.00	0.002	O	|	|	|	|	0.00
121.583	0.00	0.00	0.002	O	|	|	|	|	0.00
121.667	0.00	0.00	0.002	O	|	|	|	|	0.00
121.750	0.00	0.00	0.002	O	|	|	|	|	0.00
121.833	0.00	0.00	0.002	O	|	|	|	|	0.00
121.917	0.00	0.00	0.002	O	|	|	|	|	0.00
122.000	0.00	0.00	0.002	O	|	|	|	|	0.00
122.083	0.00	0.00	0.002	O	|	|	|	|	0.00
122.167	0.00	0.00	0.002	O	|	|	|	|	0.00
122.250	0.00	0.00	0.002	O	|	|	|	|	0.00
122.333	0.00	0.00	0.002	O	|	|	|	|	0.00
122.417	0.00	0.00	0.002	O	|	|	|	|	0.00
122.500	0.00	0.00	0.002	O	|	|	|	|	0.00
122.583	0.00	0.00	0.002	O	|	|	|	|	0.00
122.667	0.00	0.00	0.002	O	|	|	|	|	0.00
122.750	0.00	0.00	0.002	O	|	|	|	|	0.00
122.833	0.00	0.00	0.002	O	|	|	|	|	0.00
122.917	0.00	0.00	0.002	O	|	|	|	|	0.00
123.000	0.00	0.00	0.002	O	|	|	|	|	0.00

Remaining water in basin = 0.00 (Ac.Ft)

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

Number of intervals = 1476
Time interval = 5.0 (Min.)
Maximum/Peak flow rate = 44.934 (CFS)
Total volume = 11.965 (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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                FLOOD HYDROGRAPH ROUTING PROGRAM
          Copyright (c) CIVILCADD/CIVILDESIGN, 1989 - 2005
                      Study date: 04/03/24

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Keller Crossing, Tr. 38163
WQ - Detention Basin Routing Area C onsite
Detention Basin C full with DCV at 1426
100-year 6-hour storm Inflow Hydrograph




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Program License Serial Number 4029

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

             From study/file name: 907hydcpr6100.rte
*****************************HYDROGRAPH DATA*****************************
             Number of intervals =    80
             Time interval =    5.0 (Min.)
             Maximum/Peak flow rate =      116.935 (CFS)
             Total volume =      15.669 (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       10.000 to Point/Station       11.000
**** RETARDING BASIN ROUTING ****
________________________________________________________________________

User entry of depth-outflow-storage data
------------------------------------------------------------------------
Total number of inflow hydrograph intervals = 80
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  Storage    Outflow   (S-O*dt/2)   (S+O*dt/2)
     (Ft.)    (Ac.Ft)    (CFS)     (Ac.Ft)    (Ac.Ft)
------------------------------------------------------------------------
   0.000      0.000      0.000      0.000        0.000
   1.000      1.948      1.800      1.942        1.954
   2.000      4.304      2.020      4.297        4.311
   3.000      7.054      3.480      7.042        7.066
```

4.000	10.094	49.260	9.924	10.264
4.500	11.710	87.250	11.410	12.010
5.000	13.325	331.310	12.184	14.466
6.000	16.754	1244.540	12.468	21.040

Hydrograph Detention Basin Routing

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

Time (Hours)	Inflow (CFS)	Outflow (CFS)	Storage (Ac.Ft)	.0	29.2	58.47	87.70	116.94	Depth (Ft.)
0.083	1.51	0.00	0.005	O	|	|	|	|	0.00
0.167	6.03	0.03	0.031	OI	|	|	|	|	0.02
0.250	8.36	0.07	0.080	O I	|	|	|	|	0.04
0.333	9.31	0.13	0.140	O I	|	|	|	|	0.07
0.417	9.82	0.19	0.205	O I	|	|	|	|	0.11
0.500	10.49	0.25	0.274	O I	|	|	|	|	0.14
0.583	11.67	0.32	0.348	O I	|	|	|	|	0.18
0.667	12.15	0.40	0.428	O I	|	|	|	|	0.22
0.750	12.41	0.47	0.509	O I	|	|	|	|	0.26
0.833	12.52	0.55	0.591	O I	|	|	|	|	0.30
0.917	12.57	0.62	0.674	O I	|	|	|	|	0.35
1.000	13.08	0.70	0.758	O I	|	|	|	|	0.39
1.083	14.40	0.78	0.847	O I	|	|	|	|	0.43
1.167	14.87	0.87	0.942	O I	|	|	|	|	0.48
1.250	15.08	0.96	1.039	O I	|	|	|	|	0.53
1.333	15.19	1.05	1.136	O I	|	|	|	|	0.58
1.417	15.27	1.14	1.234	O I	|	|	|	|	0.63
1.500	15.32	1.23	1.331	O I	|	|	|	|	0.68
1.583	15.35	1.32	1.428	O I	|	|	|	|	0.73
1.667	15.38	1.41	1.524	O I	|	|	|	|	0.78
1.750	15.38	1.50	1.620	O I	|	|	|	|	0.83
1.833	15.38	1.58	1.715	O I	|	|	|	|	0.88
1.917	15.38	1.67	1.810	O I	|	|	|	|	0.93
2.000	15.84	1.76	1.906	O I	|	|	|	|	0.98
2.083	16.67	1.81	2.005	O I	|	|	|	|	1.02
2.167	16.30	1.81	2.106	O I	|	|	|	|	1.07
2.250	17.34	1.82	2.210	O I	|	|	|	|	1.11
2.333	17.71	1.83	2.318	O I	|	|	|	|	1.16
2.417	17.87	1.84	2.428	O I	|	|	|	|	1.20
2.500	17.96	1.86	2.538	O I	|	|	|	|	1.25
2.583	18.02	1.87	2.649	O I	|	|	|	|	1.30
2.667	18.06	1.88	2.761	O I	|	|	|	|	1.34
2.750	18.53	1.89	2.874	O I	|	|	|	|	1.39
2.833	19.86	1.90	2.993	O I	|	|	|	|	1.44
2.917	20.31	1.91	3.118	O I	|	|	|	|	1.50
3.000	20.52	1.92	3.246	O I	|	|	|	|	1.55
3.083	20.63	1.93	3.374	O I	|	|	|	|	1.61
3.167	21.17	1.95	3.505	O I	|	|	|	|	1.66
3.250	22.52	1.96	3.642	O I	|	|	|	|	1.72
3.333	23.01	1.97	3.785	O I	|	|	|	|	1.78
3.417	23.70	1.99	3.932	O I	|	|	|	|	1.84
3.500	25.58	2.00	4.088	O I	|	|	|	|	1.91
3.583	27.88	2.02	4.258	O I	|	|	|	|	1.98
3.667	29.88	2.09	4.443	O I	|	|	|	|	2.05
3.750	31.15	2.20	4.639	O I	|	|	|	|	2.12
3.833	32.87	2.31	4.844	O I	|	|	|	|	2.20
3.917	34.03	2.42	5.058	O I	|	|	|	|	2.27
4.000	35.69	2.54	5.281	O I	|	|	|	|	2.36
4.083	36.84	2.66	5.512	O I	|	|	|	|	2.44
4.167	38.93	2.79	5.755	O I	|	|	|	|	2.53
4.250	41.35	2.93	6.011	O I	|	|	|	|	2.62

4.333	43.87	3.07	6.284	O	I			2.72
4.417	46.49	3.22	6.574	O	I			2.83
4.500	48.66	3.39	6.879	O	I			2.94
4.583	50.06	5.50	7.188	O	I			3.04
4.667	52.29	10.00	7.487	O	I			3.14
4.750	54.81	14.29	7.772	O	I			3.24
4.833	56.95	18.40	8.044	O	I			3.33
4.917	58.30	22.26	8.301	O	I			3.41
5.000	60.51	25.93	8.544	O	I			3.49
5.083	64.87	29.55	8.785	O	I			3.57
5.167	74.49	33.51	9.048	O	I			3.66
5.250	85.08	38.07	9.351	O	I			3.76
5.333	93.91	43.14	9.688	O	I			3.87
5.417	103.25	48.61	10.051	O	I		I	3.99
5.500	116.94	57.48	10.444	O	I		I	4.11
5.583	115.27	66.26	10.817	O	I		I	4.22
5.667	68.79	70.12	10.981	O	I			4.27
5.750	40.72	67.82	10.883	O	I			4.24
5.833	26.59	62.70	10.666	O	I			4.18
5.917	18.66	56.70	10.410	O	I			4.10
6.000	12.56	50.54	10.149	O	I			4.02
6.083	7.91	46.13	9.886	O	I			3.93
6.167	3.98	42.17	9.623	O	I			3.85
6.250	1.59	38.28	9.365	O	I			3.76
6.333	0.76	34.63	9.122	O	I			3.68
6.417	0.40	31.27	8.899	O	I			3.61
6.500	0.21	28.22	8.697	O	I			3.54
6.583	0.09	25.45	8.513	O	I			3.48
6.667	0.04	22.95	8.347	O	I			3.43
6.750	0.00	20.69	8.197	O	I			3.38
6.833	0.00	18.65	8.061	O	I			3.33
6.917	0.00	16.81	7.939	O	I			3.29
7.000	0.00	15.15	7.829	O	I			3.25
7.083	0.00	13.66	7.730	O	I			3.22
7.167	0.00	12.31	7.640	O	I			3.19
7.250	0.00	11.10	7.560	O	I			3.17
7.333	0.00	10.00	7.487	O	I			3.14
7.417	0.00	9.02	7.422	O	I			3.12
7.500	0.00	8.13	7.363	O	I			3.10
7.583	0.00	7.33	7.309	O	I			3.08
7.667	0.00	6.60	7.261	O	I			3.07
7.750	0.00	5.95	7.218	O	I			3.05
7.833	0.00	5.37	7.179	O	I			3.04
7.917	0.00	4.84	7.144	O	I			3.03
8.000	0.00	4.36	7.112	O	I			3.02
8.083	0.00	3.93	7.084	O	I			3.01
8.167	0.00	3.54	7.058	O	I			3.00
8.250	0.00	3.47	7.034	O	I			2.99
8.333	0.00	3.46	7.010	O	I			2.98
8.417	0.00	3.44	6.986	O	I			2.98
8.500	0.00	3.43	6.963	O	I			2.97
8.583	0.00	3.42	6.939	O	I			2.96
8.667	0.00	3.41	6.916	O	I			2.95
8.750	0.00	3.39	6.892	O	I			2.94
8.833	0.00	3.38	6.869	O	I			2.93
8.917	0.00	3.37	6.846	O	I			2.92
9.000	0.00	3.36	6.822	O	I			2.92
9.083	0.00	3.34	6.799	O	I			2.91
9.167	0.00	3.33	6.776	O	I			2.90
9.250	0.00	3.32	6.753	O	I			2.89
9.333	0.00	3.31	6.731	O	I			2.88
9.417	0.00	3.30	6.708	O	I			2.87
9.500	0.00	3.28	6.685	O	I			2.87

9.583	0.00	3.27	6.663	O					2.86
9.667	0.00	3.26	6.640	O					2.85
9.750	0.00	3.25	6.618	O					2.84
9.833	0.00	3.24	6.595	O					2.83
9.917	0.00	3.22	6.573	O					2.83
10.000	0.00	3.21	6.551	O					2.82
10.083	0.00	3.20	6.529	O					2.81
10.167	0.00	3.19	6.507	O					2.80
10.250	0.00	3.18	6.485	O					2.79
10.333	0.00	3.17	6.463	O					2.79
10.417	0.00	3.15	6.441	O					2.78
10.500	0.00	3.14	6.420	O					2.77
10.583	0.00	3.13	6.398	O					2.76
10.667	0.00	3.12	6.377	O					2.75
10.750	0.00	3.11	6.355	O					2.75
10.833	0.00	3.10	6.334	O					2.74
10.917	0.00	3.09	6.312	O					2.73
11.000	0.00	3.08	6.291	O					2.72
11.083	0.00	3.06	6.270	O					2.71
11.167	0.00	3.05	6.249	O					2.71
11.250	0.00	3.04	6.228	O					2.70
11.333	0.00	3.03	6.207	O					2.69
11.417	0.00	3.02	6.186	O					2.68
11.500	0.00	3.01	6.166	O					2.68
11.583	0.00	3.00	6.145	O					2.67
11.667	0.00	2.99	6.124	O					2.66
11.750	0.00	2.98	6.104	O					2.65
11.833	0.00	2.96	6.083	O					2.65
11.917	0.00	2.95	6.063	O					2.64
12.000	0.00	2.94	6.043	O					2.63
12.083	0.00	2.93	6.022	O					2.62
12.167	0.00	2.92	6.002	O					2.62
12.250	0.00	2.91	5.982	O					2.61
12.333	0.00	2.90	5.962	O					2.60
12.417	0.00	2.89	5.942	O					2.60
12.500	0.00	2.88	5.922	O					2.59
12.583	0.00	2.87	5.902	O					2.58
12.667	0.00	2.86	5.883	O					2.57
12.750	0.00	2.85	5.863	O					2.57
12.833	0.00	2.84	5.844	O					2.56
12.917	0.00	2.83	5.824	O					2.55
13.000	0.00	2.82	5.805	O					2.55
13.083	0.00	2.81	5.785	O					2.54
13.167	0.00	2.80	5.766	O					2.53
13.250	0.00	2.79	5.747	O					2.52
13.333	0.00	2.78	5.728	O					2.52
13.417	0.00	2.77	5.708	O					2.51
13.500	0.00	2.76	5.689	O					2.50
13.583	0.00	2.75	5.671	O					2.50
13.667	0.00	2.74	5.652	O					2.49
13.750	0.00	2.73	5.633	O					2.48
13.833	0.00	2.72	5.614	O					2.48
13.917	0.00	2.71	5.595	O					2.47
14.000	0.00	2.70	5.577	O					2.46
14.083	0.00	2.69	5.558	O					2.46
14.167	0.00	2.68	5.540	O					2.45
14.250	0.00	2.67	5.521	O					2.44
14.333	0.00	2.66	5.503	O					2.44
14.417	0.00	2.65	5.485	O					2.43
14.500	0.00	2.64	5.467	O					2.42
14.583	0.00	2.63	5.449	O					2.42
14.667	0.00	2.62	5.430	O					2.41
14.750	0.00	2.61	5.412	O					2.40

14.833	0.00	2.60	5.395	O					2.40
14.917	0.00	2.59	5.377	O					2.39
15.000	0.00	2.58	5.359	O					2.38
15.083	0.00	2.57	5.341	O					2.38
15.167	0.00	2.56	5.323	O					2.37
15.250	0.00	2.55	5.306	O					2.36
15.333	0.00	2.54	5.288	O					2.36
15.417	0.00	2.53	5.271	O					2.35
15.500	0.00	2.52	5.253	O					2.35
15.583	0.00	2.51	5.236	O					2.34
15.667	0.00	2.51	5.219	O					2.33
15.750	0.00	2.50	5.202	O					2.33
15.833	0.00	2.49	5.184	O					2.32
15.917	0.00	2.48	5.167	O					2.31
16.000	0.00	2.47	5.150	O					2.31
16.083	0.00	2.46	5.133	O					2.30
16.167	0.00	2.45	5.116	O					2.30
16.250	0.00	2.44	5.100	O					2.29
16.333	0.00	2.43	5.083	O					2.28
16.417	0.00	2.42	5.066	O					2.28
16.500	0.00	2.42	5.049	O					2.27
16.583	0.00	2.41	5.033	O					2.26
16.667	0.00	2.40	5.016	O					2.26
16.750	0.00	2.39	5.000	O					2.25
16.833	0.00	2.38	4.983	O					2.25
16.917	0.00	2.37	4.967	O					2.24
17.000	0.00	2.36	4.951	O					2.24
17.083	0.00	2.35	4.934	O					2.23
17.167	0.00	2.35	4.918	O					2.22
17.250	0.00	2.34	4.902	O					2.22
17.333	0.00	2.33	4.886	O					2.21
17.417	0.00	2.32	4.870	O					2.21
17.500	0.00	2.31	4.854	O					2.20
17.583	0.00	2.30	4.838	O					2.19
17.667	0.00	2.30	4.822	O					2.19
17.750	0.00	2.29	4.806	O					2.18
17.833	0.00	2.28	4.791	O					2.18
17.917	0.00	2.27	4.775	O					2.17
18.000	0.00	2.26	4.760	O					2.17
18.083	0.00	2.25	4.744	O					2.16
18.167	0.00	2.25	4.728	O					2.15
18.250	0.00	2.24	4.713	O					2.15
18.333	0.00	2.23	4.698	O					2.14
18.417	0.00	2.22	4.682	O					2.14
18.500	0.00	2.21	4.667	O					2.13
18.583	0.00	2.20	4.652	O					2.13
18.667	0.00	2.20	4.637	O					2.12
18.750	0.00	2.19	4.622	O					2.12
18.833	0.00	2.18	4.607	O					2.11
18.917	0.00	2.17	4.592	O					2.10
19.000	0.00	2.16	4.577	O					2.10
19.083	0.00	2.16	4.562	O					2.09
19.167	0.00	2.15	4.547	O					2.09
19.250	0.00	2.14	4.532	O					2.08
19.333	0.00	2.13	4.517	O					2.08
19.417	0.00	2.13	4.503	O					2.07
19.500	0.00	2.12	4.488	O					2.07
19.583	0.00	2.11	4.474	O					2.06
19.667	0.00	2.10	4.459	O					2.06
19.750	0.00	2.09	4.445	O					2.05
19.833	0.00	2.09	4.430	O					2.05
19.917	0.00	2.08	4.416	O					2.04
20.000	0.00	2.07	4.402	O					2.04

20.083	0.00	2.06	4.387	O					2.03
20.167	0.00	2.06	4.373	O					2.03
20.250	0.00	2.05	4.359	O					2.02
20.333	0.00	2.04	4.345	O					2.01
20.417	0.00	2.03	4.331	O					2.01
20.500	0.00	2.03	4.317	O					2.00
20.583	0.00	2.02	4.303	O					2.00
20.667	0.00	2.02	4.289	O					1.99
20.750	0.00	2.02	4.275	O					1.99
20.833	0.00	2.02	4.261	O					1.98
20.917	0.00	2.01	4.247	O					1.98
21.000	0.00	2.01	4.234	O					1.97
21.083	0.00	2.01	4.220	O					1.96
21.167	0.00	2.01	4.206	O					1.96
21.250	0.00	2.01	4.192	O					1.95
21.333	0.00	2.01	4.178	O					1.95
21.417	0.00	2.01	4.164	O					1.94
21.500	0.00	2.01	4.150	O					1.93
21.583	0.00	2.00	4.137	O					1.93
21.667	0.00	2.00	4.123	O					1.92
21.750	0.00	2.00	4.109	O					1.92
21.833	0.00	2.00	4.095	O					1.91
21.917	0.00	2.00	4.082	O					1.91
22.000	0.00	2.00	4.068	O					1.90
22.083	0.00	2.00	4.054	O					1.89
22.167	0.00	2.00	4.040	O					1.89
22.250	0.00	1.99	4.027	O					1.88
22.333	0.00	1.99	4.013	O					1.88
22.417	0.00	1.99	3.999	O					1.87
22.500	0.00	1.99	3.985	O					1.86
22.583	0.00	1.99	3.972	O					1.86
22.667	0.00	1.99	3.958	O					1.85
22.750	0.00	1.99	3.944	O					1.85
22.833	0.00	1.99	3.931	O					1.84
22.917	0.00	1.98	3.917	O					1.84
23.000	0.00	1.98	3.903	O					1.83
23.083	0.00	1.98	3.890	O					1.82
23.167	0.00	1.98	3.876	O					1.82
23.250	0.00	1.98	3.862	O					1.81
23.333	0.00	1.98	3.849	O					1.81
23.417	0.00	1.98	3.835	O					1.80
23.500	0.00	1.97	3.822	O					1.80
23.583	0.00	1.97	3.808	O					1.79
23.667	0.00	1.97	3.794	O					1.78
23.750	0.00	1.97	3.781	O					1.78
23.833	0.00	1.97	3.767	O					1.77
23.917	0.00	1.97	3.754	O					1.77
24.000	0.00	1.97	3.740	O					1.76
24.083	0.00	1.97	3.727	O					1.75
24.167	0.00	1.96	3.713	O					1.75
24.250	0.00	1.96	3.699	O					1.74
24.333	0.00	1.96	3.686	O					1.74
24.417	0.00	1.96	3.672	O					1.73
24.500	0.00	1.96	3.659	O					1.73
24.583	0.00	1.96	3.645	O					1.72
24.667	0.00	1.96	3.632	O					1.71
24.750	0.00	1.96	3.618	O					1.71
24.833	0.00	1.95	3.605	O					1.70
24.917	0.00	1.95	3.592	O					1.70
25.000	0.00	1.95	3.578	O					1.69
25.083	0.00	1.95	3.565	O					1.69
25.167	0.00	1.95	3.551	O					1.68
25.250	0.00	1.95	3.538	O					1.67

25.333	0.00	1.95	3.524	O				1.67
25.417	0.00	1.95	3.511	O				1.66
25.500	0.00	1.94	3.498	O				1.66
25.583	0.00	1.94	3.484	O				1.65
25.667	0.00	1.94	3.471	O				1.65
25.750	0.00	1.94	3.457	O				1.64
25.833	0.00	1.94	3.444	O				1.64
25.917	0.00	1.94	3.431	O				1.63
26.000	0.00	1.94	3.417	O				1.62
26.083	0.00	1.94	3.404	O				1.62
26.167	0.00	1.93	3.391	O				1.61
26.250	0.00	1.93	3.377	O				1.61
26.333	0.00	1.93	3.364	O				1.60
26.417	0.00	1.93	3.351	O				1.60
26.500	0.00	1.93	3.337	O				1.59
26.583	0.00	1.93	3.324	O				1.58
26.667	0.00	1.93	3.311	O				1.58
26.750	0.00	1.93	3.298	O				1.57
26.833	0.00	1.92	3.284	O				1.57
26.917	0.00	1.92	3.271	O				1.56
27.000	0.00	1.92	3.258	O				1.56
27.083	0.00	1.92	3.245	O				1.55
27.167	0.00	1.92	3.231	O				1.54
27.250	0.00	1.92	3.218	O				1.54
27.333	0.00	1.92	3.205	O				1.53
27.417	0.00	1.92	3.192	O				1.53
27.500	0.00	1.91	3.179	O				1.52
27.583	0.00	1.91	3.165	O				1.52
27.667	0.00	1.91	3.152	O				1.51
27.750	0.00	1.91	3.139	O				1.51
27.833	0.00	1.91	3.126	O				1.50
27.917	0.00	1.91	3.113	O				1.49
28.000	0.00	1.91	3.100	O				1.49
28.083	0.00	1.91	3.087	O				1.48
28.167	0.00	1.91	3.073	O				1.48
28.250	0.00	1.90	3.060	O				1.47
28.333	0.00	1.90	3.047	O				1.47
28.417	0.00	1.90	3.034	O				1.46
28.500	0.00	1.90	3.021	O				1.46
28.583	0.00	1.90	3.008	O				1.45
28.667	0.00	1.90	2.995	O				1.44
28.750	0.00	1.90	2.982	O				1.44
28.833	0.00	1.90	2.969	O				1.43
28.917	0.00	1.89	2.956	O				1.43
29.000	0.00	1.89	2.943	O				1.42
29.083	0.00	1.89	2.930	O				1.42
29.167	0.00	1.89	2.917	O				1.41
29.250	0.00	1.89	2.904	O				1.41
29.333	0.00	1.89	2.891	O				1.40
29.417	0.00	1.89	2.878	O				1.39
29.500	0.00	1.89	2.865	O				1.39
29.583	0.00	1.88	2.852	O				1.38
29.667	0.00	1.88	2.839	O				1.38
29.750	0.00	1.88	2.826	O				1.37
29.833	0.00	1.88	2.813	O				1.37
29.917	0.00	1.88	2.800	O				1.36
30.000	0.00	1.88	2.787	O				1.36
30.083	0.00	1.88	2.774	O				1.35
30.167	0.00	1.88	2.761	O				1.35
30.250	0.00	1.87	2.748	O				1.34
30.333	0.00	1.87	2.735	O				1.33
30.417	0.00	1.87	2.722	O				1.33
30.500	0.00	1.87	2.709	O				1.32

30.583	0.00	1.87	2.696	O				1.32
30.667	0.00	1.87	2.684	O				1.31
30.750	0.00	1.87	2.671	O				1.31
30.833	0.00	1.87	2.658	O				1.30
30.917	0.00	1.87	2.645	O				1.30
31.000	0.00	1.86	2.632	O				1.29
31.083	0.00	1.86	2.619	O				1.28
31.167	0.00	1.86	2.606	O				1.28
31.250	0.00	1.86	2.594	O				1.27
31.333	0.00	1.86	2.581	O				1.27
31.417	0.00	1.86	2.568	O				1.26
31.500	0.00	1.86	2.555	O				1.26
31.583	0.00	1.86	2.542	O				1.25
31.667	0.00	1.85	2.530	O				1.25
31.750	0.00	1.85	2.517	O				1.24
31.833	0.00	1.85	2.504	O				1.24
31.917	0.00	1.85	2.491	O				1.23
32.000	0.00	1.85	2.479	O				1.23
32.083	0.00	1.85	2.466	O				1.22
32.167	0.00	1.85	2.453	O				1.21
32.250	0.00	1.85	2.441	O				1.21
32.333	0.00	1.84	2.428	O				1.20
32.417	0.00	1.84	2.415	O				1.20
32.500	0.00	1.84	2.402	O				1.19
32.583	0.00	1.84	2.390	O				1.19
32.667	0.00	1.84	2.377	O				1.18
32.750	0.00	1.84	2.364	O				1.18
32.833	0.00	1.84	2.352	O				1.17
32.917	0.00	1.84	2.339	O				1.17
33.000	0.00	1.84	2.326	O				1.16
33.083	0.00	1.83	2.314	O				1.16
33.167	0.00	1.83	2.301	O				1.15
33.250	0.00	1.83	2.289	O				1.14
33.333	0.00	1.83	2.276	O				1.14
33.417	0.00	1.83	2.263	O				1.13
33.500	0.00	1.83	2.251	O				1.13
33.583	0.00	1.83	2.238	O				1.12
33.667	0.00	1.83	2.226	O				1.12
33.750	0.00	1.82	2.213	O				1.11
33.833	0.00	1.82	2.200	O				1.11
33.917	0.00	1.82	2.188	O				1.10
34.000	0.00	1.82	2.175	O				1.10
34.083	0.00	1.82	2.163	O				1.09
34.167	0.00	1.82	2.150	O				1.09
34.250	0.00	1.82	2.138	O				1.08
34.333	0.00	1.82	2.125	O				1.08
34.417	0.00	1.82	2.113	O				1.07
34.500	0.00	1.81	2.100	O				1.06
34.583	0.00	1.81	2.088	O				1.06
34.667	0.00	1.81	2.075	O				1.05
34.750	0.00	1.81	2.063	O				1.05
34.833	0.00	1.81	2.050	O				1.04
34.917	0.00	1.81	2.038	O				1.04
35.000	0.00	1.81	2.025	O				1.03
35.083	0.00	1.81	2.013	O				1.03
35.167	0.00	1.80	2.001	O				1.02
35.250	0.00	1.80	1.988	O				1.02
35.333	0.00	1.80	1.976	O				1.01
35.417	0.00	1.80	1.963	O				1.01
35.500	0.00	1.80	1.951	O				1.00
35.583	0.00	1.79	1.938	O				1.00
35.667	0.00	1.78	1.926	O				0.99
35.750	0.00	1.77	1.914	O				0.98

35.833	0.00	1.76	1.902	O				0.98
35.917	0.00	1.75	1.890	O				0.97
36.000	0.00	1.74	1.878	O				0.96
36.083	0.00	1.72	1.866	O				0.96
36.167	0.00	1.71	1.854	O				0.95
36.250	0.00	1.70	1.842	O				0.95
36.333	0.00	1.69	1.831	O				0.94
36.417	0.00	1.68	1.819	O				0.93
36.500	0.00	1.67	1.807	O				0.93
36.583	0.00	1.66	1.796	O				0.92
36.667	0.00	1.65	1.785	O				0.92
36.750	0.00	1.64	1.773	O				0.91
36.833	0.00	1.63	1.762	O				0.90
36.917	0.00	1.62	1.751	O				0.90
37.000	0.00	1.61	1.740	O				0.89
37.083	0.00	1.60	1.729	O				0.89
37.167	0.00	1.59	1.718	O				0.88
37.250	0.00	1.58	1.707	O				0.88
37.333	0.00	1.57	1.696	O				0.87
37.417	0.00	1.56	1.685	O				0.87
37.500	0.00	1.55	1.675	O				0.86
37.583	0.00	1.54	1.664	O				0.85
37.667	0.00	1.53	1.653	O				0.85
37.750	0.00	1.52	1.643	O				0.84
37.833	0.00	1.51	1.632	O				0.84
37.917	0.00	1.50	1.622	O				0.83
38.000	0.00	1.49	1.612	O				0.83
38.083	0.00	1.48	1.602	O				0.82
38.167	0.00	1.47	1.591	O				0.82
38.250	0.00	1.46	1.581	O				0.81
38.333	0.00	1.45	1.571	O				0.81
38.417	0.00	1.44	1.561	O				0.80
38.500	0.00	1.43	1.551	O				0.80
38.583	0.00	1.42	1.542	O				0.79
38.667	0.00	1.42	1.532	O				0.79
38.750	0.00	1.41	1.522	O				0.78
38.833	0.00	1.40	1.512	O				0.78
38.917	0.00	1.39	1.503	O				0.77
39.000	0.00	1.38	1.493	O				0.77
39.083	0.00	1.37	1.484	O				0.76
39.167	0.00	1.36	1.474	O				0.76
39.250	0.00	1.35	1.465	O				0.75
39.333	0.00	1.35	1.456	O				0.75
39.417	0.00	1.34	1.447	O				0.74
39.500	0.00	1.33	1.437	O				0.74
39.583	0.00	1.32	1.428	O				0.73
39.667	0.00	1.31	1.419	O				0.73
39.750	0.00	1.30	1.410	O				0.72
39.833	0.00	1.29	1.401	O				0.72
39.917	0.00	1.29	1.392	O				0.71
40.000	0.00	1.28	1.384	O				0.71
40.083	0.00	1.27	1.375	O				0.71
40.167	0.00	1.26	1.366	O				0.70
40.250	0.00	1.25	1.357	O				0.70
40.333	0.00	1.25	1.349	O				0.69
40.417	0.00	1.24	1.340	O				0.69
40.500	0.00	1.23	1.332	O				0.68
40.583	0.00	1.22	1.323	O				0.68
40.667	0.00	1.21	1.315	O				0.67
40.750	0.00	1.21	1.306	O				0.67
40.833	0.00	1.20	1.298	O				0.67
40.917	0.00	1.19	1.290	O				0.66
41.000	0.00	1.18	1.282	O				0.66

41.083	0.00	1.18	1.274	O				0.65
41.167	0.00	1.17	1.266	O				0.65
41.250	0.00	1.16	1.258	O				0.65
41.333	0.00	1.15	1.250	O				0.64
41.417	0.00	1.15	1.242	O				0.64
41.500	0.00	1.14	1.234	O				0.63
41.583	0.00	1.13	1.226	O				0.63
41.667	0.00	1.13	1.218	O				0.63
41.750	0.00	1.12	1.210	O				0.62
41.833	0.00	1.11	1.203	O				0.62
41.917	0.00	1.10	1.195	O				0.61
42.000	0.00	1.10	1.188	O				0.61
42.083	0.00	1.09	1.180	O				0.61
42.167	0.00	1.08	1.173	O				0.60
42.250	0.00	1.08	1.165	O				0.60
42.333	0.00	1.07	1.158	O				0.59
42.417	0.00	1.06	1.150	O				0.59
42.500	0.00	1.06	1.143	O				0.59
42.583	0.00	1.05	1.136	O				0.58
42.667	0.00	1.04	1.129	O				0.58
42.750	0.00	1.04	1.121	O				0.58
42.833	0.00	1.03	1.114	O				0.57
42.917	0.00	1.02	1.107	O				0.57
43.000	0.00	1.02	1.100	O				0.56
43.083	0.00	1.01	1.093	O				0.56
43.167	0.00	1.00	1.086	O				0.56
43.250	0.00	1.00	1.079	O				0.55
43.333	0.00	0.99	1.073	O				0.55
43.417	0.00	0.98	1.066	O				0.55
43.500	0.00	0.98	1.059	O				0.54
43.583	0.00	0.97	1.052	O				0.54
43.667	0.00	0.97	1.046	O				0.54
43.750	0.00	0.96	1.039	O				0.53
43.833	0.00	0.95	1.032	O				0.53
43.917	0.00	0.95	1.026	O				0.53
44.000	0.00	0.94	1.019	O				0.52
44.083	0.00	0.94	1.013	O				0.52
44.167	0.00	0.93	1.006	O				0.52
44.250	0.00	0.92	1.000	O				0.51
44.333	0.00	0.92	0.994	O				0.51
44.417	0.00	0.91	0.987	O				0.51
44.500	0.00	0.91	0.981	O				0.50
44.583	0.00	0.90	0.975	O				0.50
44.667	0.00	0.90	0.969	O				0.50
44.750	0.00	0.89	0.963	O				0.49
44.833	0.00	0.88	0.956	O				0.49
44.917	0.00	0.88	0.950	O				0.49
45.000	0.00	0.87	0.944	O				0.48
45.083	0.00	0.87	0.938	O				0.48
45.167	0.00	0.86	0.932	O				0.48
45.250	0.00	0.86	0.927	O				0.48
45.333	0.00	0.85	0.921	O				0.47
45.417	0.00	0.85	0.915	O				0.47
45.500	0.00	0.84	0.909	O				0.47
45.583	0.00	0.83	0.903	O				0.46
45.667	0.00	0.83	0.898	O				0.46
45.750	0.00	0.82	0.892	O				0.46
45.833	0.00	0.82	0.886	O				0.45
45.917	0.00	0.81	0.881	O				0.45
46.000	0.00	0.81	0.875	O				0.45
46.083	0.00	0.80	0.869	O				0.45
46.167	0.00	0.80	0.864	O				0.44
46.250	0.00	0.79	0.858	O				0.44

46.333	0.00	0.79	0.853	O					0.44
46.417	0.00	0.78	0.848	O					0.44
46.500	0.00	0.78	0.842	O					0.43
46.583	0.00	0.77	0.837	O					0.43
46.667	0.00	0.77	0.832	O					0.43
46.750	0.00	0.76	0.826	O					0.42
46.833	0.00	0.76	0.821	O					0.42
46.917	0.00	0.75	0.816	O					0.42
47.000	0.00	0.75	0.811	O					0.42
47.083	0.00	0.74	0.805	O					0.41
47.167	0.00	0.74	0.800	O					0.41
47.250	0.00	0.73	0.795	O					0.41
47.333	0.00	0.73	0.790	O					0.41
47.417	0.00	0.73	0.785	O					0.40
47.500	0.00	0.72	0.780	O					0.40
47.583	0.00	0.72	0.775	O					0.40
47.667	0.00	0.71	0.770	O					0.40
47.750	0.00	0.71	0.766	O					0.39
47.833	0.00	0.70	0.761	O					0.39
47.917	0.00	0.70	0.756	O					0.39
48.000	0.00	0.69	0.751	O					0.39
48.083	0.00	0.69	0.746	O					0.38
48.167	0.00	0.69	0.742	O					0.38
48.250	0.00	0.68	0.737	O					0.38
48.333	0.00	0.68	0.732	O					0.38
48.417	0.00	0.67	0.728	O					0.37
48.500	0.00	0.67	0.723	O					0.37
48.583	0.00	0.66	0.718	O					0.37
48.667	0.00	0.66	0.714	O					0.37
48.750	0.00	0.66	0.709	O					0.36
48.833	0.00	0.65	0.705	O					0.36
48.917	0.00	0.65	0.700	O					0.36
49.000	0.00	0.64	0.696	O					0.36
49.083	0.00	0.64	0.691	O					0.35
49.167	0.00	0.63	0.687	O					0.35
49.250	0.00	0.63	0.683	O					0.35
49.333	0.00	0.63	0.678	O					0.35
49.417	0.00	0.62	0.674	O					0.35
49.500	0.00	0.62	0.670	O					0.34
49.583	0.00	0.61	0.665	O					0.34
49.667	0.00	0.61	0.661	O					0.34
49.750	0.00	0.61	0.657	O					0.34
49.833	0.00	0.60	0.653	O					0.34
49.917	0.00	0.60	0.649	O					0.33
50.000	0.00	0.60	0.645	O					0.33
50.083	0.00	0.59	0.641	O					0.33
50.167	0.00	0.59	0.637	O					0.33
50.250	0.00	0.58	0.632	O					0.32
50.333	0.00	0.58	0.628	O					0.32
50.417	0.00	0.58	0.624	O					0.32
50.500	0.00	0.57	0.621	O					0.32
50.583	0.00	0.57	0.617	O					0.32
50.667	0.00	0.57	0.613	O					0.31
50.750	0.00	0.56	0.609	O					0.31
50.833	0.00	0.56	0.605	O					0.31
50.917	0.00	0.56	0.601	O					0.31
51.000	0.00	0.55	0.597	O					0.31
51.083	0.00	0.55	0.593	O					0.30
51.167	0.00	0.54	0.590	O					0.30
51.250	0.00	0.54	0.586	O					0.30
51.333	0.00	0.54	0.582	O					0.30
51.417	0.00	0.53	0.579	O					0.30
51.500	0.00	0.53	0.575	O					0.30

51.583	0.00	0.53	0.571	O				0.29
51.667	0.00	0.52	0.568	O				0.29
51.750	0.00	0.52	0.564	O				0.29
51.833	0.00	0.52	0.560	O				0.29
51.917	0.00	0.51	0.557	O				0.29
52.000	0.00	0.51	0.553	O				0.28
52.083	0.00	0.51	0.550	O				0.28
52.167	0.00	0.50	0.546	O				0.28
52.250	0.00	0.50	0.543	O				0.28
52.333	0.00	0.50	0.539	O				0.28
52.417	0.00	0.50	0.536	O				0.28
52.500	0.00	0.49	0.533	O				0.27
52.583	0.00	0.49	0.529	O				0.27
52.667	0.00	0.49	0.526	O				0.27
52.750	0.00	0.48	0.523	O				0.27
52.833	0.00	0.48	0.519	O				0.27
52.917	0.00	0.48	0.516	O				0.26
53.000	0.00	0.47	0.513	O				0.26
53.083	0.00	0.47	0.509	O				0.26
53.167	0.00	0.47	0.506	O				0.26
53.250	0.00	0.46	0.503	O				0.26
53.333	0.00	0.46	0.500	O				0.26
53.417	0.00	0.46	0.497	O				0.25
53.500	0.00	0.46	0.493	O				0.25
53.583	0.00	0.45	0.490	O				0.25
53.667	0.00	0.45	0.487	O				0.25
53.750	0.00	0.45	0.484	O				0.25
53.833	0.00	0.44	0.481	O				0.25
53.917	0.00	0.44	0.478	O				0.25
54.000	0.00	0.44	0.475	O				0.24
54.083	0.00	0.44	0.472	O				0.24
54.167	0.00	0.43	0.469	O				0.24
54.250	0.00	0.43	0.466	O				0.24
54.333	0.00	0.43	0.463	O				0.24
54.417	0.00	0.43	0.460	O				0.24
54.500	0.00	0.42	0.457	O				0.23
54.583	0.00	0.42	0.454	O				0.23
54.667	0.00	0.42	0.451	O				0.23
54.750	0.00	0.41	0.449	O				0.23
54.833	0.00	0.41	0.446	O				0.23
54.917	0.00	0.41	0.443	O				0.23
55.000	0.00	0.41	0.440	O				0.23
55.083	0.00	0.40	0.437	O				0.22
55.167	0.00	0.40	0.434	O				0.22
55.250	0.00	0.40	0.432	O				0.22
55.333	0.00	0.40	0.429	O				0.22
55.417	0.00	0.39	0.426	O				0.22
55.500	0.00	0.39	0.424	O				0.22
55.583	0.00	0.39	0.421	O				0.22
55.667	0.00	0.39	0.418	O				0.21
55.750	0.00	0.38	0.416	O				0.21
55.833	0.00	0.38	0.413	O				0.21
55.917	0.00	0.38	0.410	O				0.21
56.000	0.00	0.38	0.408	O				0.21
56.083	0.00	0.37	0.405	O				0.21
56.167	0.00	0.37	0.403	O				0.21
56.250	0.00	0.37	0.400	O				0.21
56.333	0.00	0.37	0.397	O				0.20
56.417	0.00	0.36	0.395	O				0.20
56.500	0.00	0.36	0.392	O				0.20
56.583	0.00	0.36	0.390	O				0.20
56.667	0.00	0.36	0.387	O				0.20
56.750	0.00	0.36	0.385	O				0.20

56.833	0.00	0.35	0.383	O				0.20
56.917	0.00	0.35	0.380	O				0.20
57.000	0.00	0.35	0.378	O				0.19
57.083	0.00	0.35	0.375	O				0.19
57.167	0.00	0.34	0.373	O				0.19
57.250	0.00	0.34	0.371	O				0.19
57.333	0.00	0.34	0.368	O				0.19
57.417	0.00	0.34	0.366	O				0.19
57.500	0.00	0.34	0.364	O				0.19
57.583	0.00	0.33	0.361	O				0.19
57.667	0.00	0.33	0.359	O				0.18
57.750	0.00	0.33	0.357	O				0.18
57.833	0.00	0.33	0.354	O				0.18
57.917	0.00	0.33	0.352	O				0.18
58.000	0.00	0.32	0.350	O				0.18
58.083	0.00	0.32	0.348	O				0.18
58.167	0.00	0.32	0.346	O				0.18
58.250	0.00	0.32	0.343	O				0.18
58.333	0.00	0.32	0.341	O				0.18
58.417	0.00	0.31	0.339	O				0.17
58.500	0.00	0.31	0.337	O				0.17
58.583	0.00	0.31	0.335	O				0.17
58.667	0.00	0.31	0.333	O				0.17
58.750	0.00	0.31	0.330	O				0.17
58.833	0.00	0.30	0.328	O				0.17
58.917	0.00	0.30	0.326	O				0.17
59.000	0.00	0.30	0.324	O				0.17
59.083	0.00	0.30	0.322	O				0.17
59.167	0.00	0.30	0.320	O				0.16
59.250	0.00	0.29	0.318	O				0.16
59.333	0.00	0.29	0.316	O				0.16
59.417	0.00	0.29	0.314	O				0.16
59.500	0.00	0.29	0.312	O				0.16
59.583	0.00	0.29	0.310	O				0.16
59.667	0.00	0.28	0.308	O				0.16
59.750	0.00	0.28	0.306	O				0.16
59.833	0.00	0.28	0.304	O				0.16
59.917	0.00	0.28	0.302	O				0.16
60.000	0.00	0.28	0.300	O				0.15
60.083	0.00	0.28	0.298	O				0.15
60.167	0.00	0.27	0.297	O				0.15
60.250	0.00	0.27	0.295	O				0.15
60.333	0.00	0.27	0.293	O				0.15
60.417	0.00	0.27	0.291	O				0.15
60.500	0.00	0.27	0.289	O				0.15
60.583	0.00	0.27	0.287	O				0.15
60.667	0.00	0.26	0.285	O				0.15
60.750	0.00	0.26	0.284	O				0.15
60.833	0.00	0.26	0.282	O				0.14
60.917	0.00	0.26	0.280	O				0.14
61.000	0.00	0.26	0.278	O				0.14
61.083	0.00	0.26	0.277	O				0.14
61.167	0.00	0.25	0.275	O				0.14
61.250	0.00	0.25	0.273	O				0.14
61.333	0.00	0.25	0.271	O				0.14
61.417	0.00	0.25	0.270	O				0.14
61.500	0.00	0.25	0.268	O				0.14
61.583	0.00	0.25	0.266	O				0.14
61.667	0.00	0.24	0.264	O				0.14
61.750	0.00	0.24	0.263	O				0.13
61.833	0.00	0.24	0.261	O				0.13
61.917	0.00	0.24	0.259	O				0.13
62.000	0.00	0.24	0.258	O				0.13

62.083	0.00	0.24	0.256	O				0.13
62.167	0.00	0.24	0.255	O				0.13
62.250	0.00	0.23	0.253	O				0.13
62.333	0.00	0.23	0.251	O				0.13
62.417	0.00	0.23	0.250	O				0.13
62.500	0.00	0.23	0.248	O				0.13
62.583	0.00	0.23	0.247	O				0.13
62.667	0.00	0.23	0.245	O				0.13
62.750	0.00	0.22	0.243	O				0.12
62.833	0.00	0.22	0.242	O				0.12
62.917	0.00	0.22	0.240	O				0.12
63.000	0.00	0.22	0.239	O				0.12
63.083	0.00	0.22	0.237	O				0.12
63.167	0.00	0.22	0.236	O				0.12
63.250	0.00	0.22	0.234	O				0.12
63.333	0.00	0.22	0.233	O				0.12
63.417	0.00	0.21	0.231	O				0.12
63.500	0.00	0.21	0.230	O				0.12
63.583	0.00	0.21	0.228	O				0.12
63.667	0.00	0.21	0.227	O				0.12
63.750	0.00	0.21	0.226	O				0.12
63.833	0.00	0.21	0.224	O				0.12
63.917	0.00	0.21	0.223	O				0.11
64.000	0.00	0.20	0.221	O				0.11
64.083	0.00	0.20	0.220	O				0.11
64.167	0.00	0.20	0.219	O				0.11
64.250	0.00	0.20	0.217	O				0.11
64.333	0.00	0.20	0.216	O				0.11
64.417	0.00	0.20	0.214	O				0.11
64.500	0.00	0.20	0.213	O				0.11
64.583	0.00	0.20	0.212	O				0.11
64.667	0.00	0.19	0.210	O				0.11
64.750	0.00	0.19	0.209	O				0.11
64.833	0.00	0.19	0.208	O				0.11
64.917	0.00	0.19	0.206	O				0.11
65.000	0.00	0.19	0.205	O				0.11
65.083	0.00	0.19	0.204	O				0.10
65.167	0.00	0.19	0.202	O				0.10
65.250	0.00	0.19	0.201	O				0.10
65.333	0.00	0.18	0.200	O				0.10
65.417	0.00	0.18	0.199	O				0.10
65.500	0.00	0.18	0.197	O				0.10
65.583	0.00	0.18	0.196	O				0.10
65.667	0.00	0.18	0.195	O				0.10
65.750	0.00	0.18	0.194	O				0.10
65.833	0.00	0.18	0.192	O				0.10
65.917	0.00	0.18	0.191	O				0.10
66.000	0.00	0.18	0.190	O				0.10
66.083	0.00	0.17	0.189	O				0.10
66.167	0.00	0.17	0.188	O				0.10
66.250	0.00	0.17	0.186	O				0.10
66.333	0.00	0.17	0.185	O				0.10
66.417	0.00	0.17	0.184	O				0.09
66.500	0.00	0.17	0.183	O				0.09
66.583	0.00	0.17	0.182	O				0.09
66.667	0.00	0.17	0.181	O				0.09
66.750	0.00	0.17	0.179	O				0.09
66.833	0.00	0.16	0.178	O				0.09
66.917	0.00	0.16	0.177	O				0.09
67.000	0.00	0.16	0.176	O				0.09
67.083	0.00	0.16	0.175	O				0.09
67.167	0.00	0.16	0.174	O				0.09
67.250	0.00	0.16	0.173	O				0.09

67.333	0.00	0.16	0.172	O				0.09
67.417	0.00	0.16	0.170	O				0.09
67.500	0.00	0.16	0.169	O				0.09
67.583	0.00	0.16	0.168	O				0.09
67.667	0.00	0.15	0.167	O				0.09
67.750	0.00	0.15	0.166	O				0.09
67.833	0.00	0.15	0.165	O				0.08
67.917	0.00	0.15	0.164	O				0.08
68.000	0.00	0.15	0.163	O				0.08
68.083	0.00	0.15	0.162	O				0.08
68.167	0.00	0.15	0.161	O				0.08
68.250	0.00	0.15	0.160	O				0.08
68.333	0.00	0.15	0.159	O				0.08
68.417	0.00	0.15	0.158	O				0.08
68.500	0.00	0.15	0.157	O				0.08
68.583	0.00	0.14	0.156	O				0.08
68.667	0.00	0.14	0.155	O				0.08
68.750	0.00	0.14	0.154	O				0.08
68.833	0.00	0.14	0.153	O				0.08
68.917	0.00	0.14	0.152	O				0.08
69.000	0.00	0.14	0.151	O				0.08
69.083	0.00	0.14	0.150	O				0.08
69.167	0.00	0.14	0.149	O				0.08
69.250	0.00	0.14	0.148	O				0.08
69.333	0.00	0.14	0.147	O				0.08
69.417	0.00	0.14	0.146	O				0.08
69.500	0.00	0.13	0.145	O				0.07
69.583	0.00	0.13	0.144	O				0.07
69.667	0.00	0.13	0.144	O				0.07
69.750	0.00	0.13	0.143	O				0.07
69.833	0.00	0.13	0.142	O				0.07
69.917	0.00	0.13	0.141	O				0.07
70.000	0.00	0.13	0.140	O				0.07
70.083	0.00	0.13	0.139	O				0.07
70.167	0.00	0.13	0.138	O				0.07
70.250	0.00	0.13	0.137	O				0.07
70.333	0.00	0.13	0.136	O				0.07
70.417	0.00	0.13	0.136	O				0.07
70.500	0.00	0.12	0.135	O				0.07
70.583	0.00	0.12	0.134	O				0.07
70.667	0.00	0.12	0.133	O				0.07
70.750	0.00	0.12	0.132	O				0.07
70.833	0.00	0.12	0.131	O				0.07
70.917	0.00	0.12	0.131	O				0.07
71.000	0.00	0.12	0.130	O				0.07
71.083	0.00	0.12	0.129	O				0.07
71.167	0.00	0.12	0.128	O				0.07
71.250	0.00	0.12	0.127	O				0.07
71.333	0.00	0.12	0.126	O				0.06
71.417	0.00	0.12	0.126	O				0.06
71.500	0.00	0.12	0.125	O				0.06
71.583	0.00	0.11	0.124	O				0.06
71.667	0.00	0.11	0.123	O				0.06
71.750	0.00	0.11	0.122	O				0.06
71.833	0.00	0.11	0.122	O				0.06
71.917	0.00	0.11	0.121	O				0.06
72.000	0.00	0.11	0.120	O				0.06
72.083	0.00	0.11	0.119	O				0.06
72.167	0.00	0.11	0.119	O				0.06
72.250	0.00	0.11	0.118	O				0.06
72.333	0.00	0.11	0.117	O				0.06
72.417	0.00	0.11	0.116	O				0.06
72.500	0.00	0.11	0.116	O				0.06

72.583	0.00	0.11	0.115	O				0.06
72.667	0.00	0.11	0.114	O				0.06
72.750	0.00	0.10	0.113	O				0.06
72.833	0.00	0.10	0.113	O				0.06
72.917	0.00	0.10	0.112	O				0.06
73.000	0.00	0.10	0.111	O				0.06
73.083	0.00	0.10	0.111	O				0.06
73.167	0.00	0.10	0.110	O				0.06
73.250	0.00	0.10	0.109	O				0.06
73.333	0.00	0.10	0.109	O				0.06
73.417	0.00	0.10	0.108	O				0.06
73.500	0.00	0.10	0.107	O				0.05
73.583	0.00	0.10	0.106	O				0.05
73.667	0.00	0.10	0.106	O				0.05
73.750	0.00	0.10	0.105	O				0.05
73.833	0.00	0.10	0.104	O				0.05
73.917	0.00	0.10	0.104	O				0.05
74.000	0.00	0.10	0.103	O				0.05
74.083	0.00	0.09	0.102	O				0.05
74.167	0.00	0.09	0.102	O				0.05
74.250	0.00	0.09	0.101	O				0.05
74.333	0.00	0.09	0.101	O				0.05
74.417	0.00	0.09	0.100	O				0.05
74.500	0.00	0.09	0.099	O				0.05
74.583	0.00	0.09	0.099	O				0.05
74.667	0.00	0.09	0.098	O				0.05
74.750	0.00	0.09	0.097	O				0.05
74.833	0.00	0.09	0.097	O				0.05
74.917	0.00	0.09	0.096	O				0.05
75.000	0.00	0.09	0.096	O				0.05
75.083	0.00	0.09	0.095	O				0.05
75.167	0.00	0.09	0.094	O				0.05
75.250	0.00	0.09	0.094	O				0.05
75.333	0.00	0.09	0.093	O				0.05
75.417	0.00	0.09	0.093	O				0.05
75.500	0.00	0.08	0.092	O				0.05
75.583	0.00	0.08	0.091	O				0.05
75.667	0.00	0.08	0.091	O				0.05
75.750	0.00	0.08	0.090	O				0.05
75.833	0.00	0.08	0.090	O				0.05
75.917	0.00	0.08	0.089	O				0.05
76.000	0.00	0.08	0.089	O				0.05
76.083	0.00	0.08	0.088	O				0.05
76.167	0.00	0.08	0.087	O				0.04
76.250	0.00	0.08	0.087	O				0.04
76.333	0.00	0.08	0.086	O				0.04
76.417	0.00	0.08	0.086	O				0.04
76.500	0.00	0.08	0.085	O				0.04
76.583	0.00	0.08	0.085	O				0.04
76.667	0.00	0.08	0.084	O				0.04
76.750	0.00	0.08	0.084	O				0.04
76.833	0.00	0.08	0.083	O				0.04
76.917	0.00	0.08	0.083	O				0.04
77.000	0.00	0.08	0.082	O				0.04
77.083	0.00	0.08	0.081	O				0.04
77.167	0.00	0.07	0.081	O				0.04
77.250	0.00	0.07	0.080	O				0.04
77.333	0.00	0.07	0.080	O				0.04
77.417	0.00	0.07	0.079	O				0.04
77.500	0.00	0.07	0.079	O				0.04
77.583	0.00	0.07	0.078	O				0.04
77.667	0.00	0.07	0.078	O				0.04
77.750	0.00	0.07	0.077	O				0.04

77.833	0.00	0.07	0.077	O				0.04
77.917	0.00	0.07	0.076	O				0.04
78.000	0.00	0.07	0.076	O				0.04
78.083	0.00	0.07	0.075	O				0.04
78.167	0.00	0.07	0.075	O				0.04
78.250	0.00	0.07	0.075	O				0.04
78.333	0.00	0.07	0.074	O				0.04
78.417	0.00	0.07	0.074	O				0.04
78.500	0.00	0.07	0.073	O				0.04
78.583	0.00	0.07	0.073	O				0.04
78.667	0.00	0.07	0.072	O				0.04
78.750	0.00	0.07	0.072	O				0.04
78.833	0.00	0.07	0.071	O				0.04
78.917	0.00	0.07	0.071	O				0.04
79.000	0.00	0.07	0.070	O				0.04
79.083	0.00	0.06	0.070	O				0.04
79.167	0.00	0.06	0.070	O				0.04
79.250	0.00	0.06	0.069	O				0.04
79.333	0.00	0.06	0.069	O				0.04
79.417	0.00	0.06	0.068	O				0.04
79.500	0.00	0.06	0.068	O				0.03
79.583	0.00	0.06	0.067	O				0.03
79.667	0.00	0.06	0.067	O				0.03
79.750	0.00	0.06	0.066	O				0.03
79.833	0.00	0.06	0.066	O				0.03
79.917	0.00	0.06	0.066	O				0.03
80.000	0.00	0.06	0.065	O				0.03
80.083	0.00	0.06	0.065	O				0.03
80.167	0.00	0.06	0.064	O				0.03
80.250	0.00	0.06	0.064	O				0.03
80.333	0.00	0.06	0.064	O				0.03
80.417	0.00	0.06	0.063	O				0.03
80.500	0.00	0.06	0.063	O				0.03
80.583	0.00	0.06	0.062	O				0.03
80.667	0.00	0.06	0.062	O				0.03
80.750	0.00	0.06	0.062	O				0.03
80.833	0.00	0.06	0.061	O				0.03
80.917	0.00	0.06	0.061	O				0.03
81.000	0.00	0.06	0.060	O				0.03
81.083	0.00	0.06	0.060	O				0.03
81.167	0.00	0.06	0.060	O				0.03
81.250	0.00	0.05	0.059	O				0.03
81.333	0.00	0.05	0.059	O				0.03
81.417	0.00	0.05	0.059	O				0.03
81.500	0.00	0.05	0.058	O				0.03
81.583	0.00	0.05	0.058	O				0.03
81.667	0.00	0.05	0.057	O				0.03
81.750	0.00	0.05	0.057	O				0.03
81.833	0.00	0.05	0.057	O				0.03
81.917	0.00	0.05	0.056	O				0.03
82.000	0.00	0.05	0.056	O				0.03
82.083	0.00	0.05	0.056	O				0.03
82.167	0.00	0.05	0.055	O				0.03
82.250	0.00	0.05	0.055	O				0.03
82.333	0.00	0.05	0.055	O				0.03
82.417	0.00	0.05	0.054	O				0.03
82.500	0.00	0.05	0.054	O				0.03
82.583	0.00	0.05	0.054	O				0.03
82.667	0.00	0.05	0.053	O				0.03
82.750	0.00	0.05	0.053	O				0.03
82.833	0.00	0.05	0.053	O				0.03
82.917	0.00	0.05	0.052	O				0.03
83.000	0.00	0.05	0.052	O				0.03

83.083	0.00	0.05	0.052	O				0.03
83.167	0.00	0.05	0.051	O				0.03
83.250	0.00	0.05	0.051	O				0.03
83.333	0.00	0.05	0.051	O				0.03
83.417	0.00	0.05	0.050	O				0.03
83.500	0.00	0.05	0.050	O				0.03
83.583	0.00	0.05	0.050	O				0.03
83.667	0.00	0.05	0.049	O				0.03
83.750	0.00	0.05	0.049	O				0.03
83.833	0.00	0.04	0.049	O				0.02
83.917	0.00	0.04	0.048	O				0.02
84.000	0.00	0.04	0.048	O				0.02
84.083	0.00	0.04	0.048	O				0.02
84.167	0.00	0.04	0.047	O				0.02
84.250	0.00	0.04	0.047	O				0.02
84.333	0.00	0.04	0.047	O				0.02
84.417	0.00	0.04	0.047	O				0.02
84.500	0.00	0.04	0.046	O				0.02
84.583	0.00	0.04	0.046	O				0.02
84.667	0.00	0.04	0.046	O				0.02
84.750	0.00	0.04	0.045	O				0.02
84.833	0.00	0.04	0.045	O				0.02
84.917	0.00	0.04	0.045	O				0.02
85.000	0.00	0.04	0.045	O				0.02
85.083	0.00	0.04	0.044	O				0.02
85.167	0.00	0.04	0.044	O				0.02
85.250	0.00	0.04	0.044	O				0.02
85.333	0.00	0.04	0.043	O				0.02
85.417	0.00	0.04	0.043	O				0.02
85.500	0.00	0.04	0.043	O				0.02
85.583	0.00	0.04	0.043	O				0.02
85.667	0.00	0.04	0.042	O				0.02
85.750	0.00	0.04	0.042	O				0.02
85.833	0.00	0.04	0.042	O				0.02
85.917	0.00	0.04	0.042	O				0.02
86.000	0.00	0.04	0.041	O				0.02
86.083	0.00	0.04	0.041	O				0.02
86.167	0.00	0.04	0.041	O				0.02
86.250	0.00	0.04	0.040	O				0.02
86.333	0.00	0.04	0.040	O				0.02
86.417	0.00	0.04	0.040	O				0.02
86.500	0.00	0.04	0.040	O				0.02
86.583	0.00	0.04	0.039	O				0.02
86.667	0.00	0.04	0.039	O				0.02
86.750	0.00	0.04	0.039	O				0.02
86.833	0.00	0.04	0.039	O				0.02
86.917	0.00	0.04	0.038	O				0.02
87.000	0.00	0.04	0.038	O				0.02
87.083	0.00	0.04	0.038	O				0.02
87.167	0.00	0.03	0.038	O				0.02
87.250	0.00	0.03	0.037	O				0.02
87.333	0.00	0.03	0.037	O				0.02
87.417	0.00	0.03	0.037	O				0.02
87.500	0.00	0.03	0.037	O				0.02
87.583	0.00	0.03	0.037	O				0.02
87.667	0.00	0.03	0.036	O				0.02
87.750	0.00	0.03	0.036	O				0.02
87.833	0.00	0.03	0.036	O				0.02
87.917	0.00	0.03	0.036	O				0.02
88.000	0.00	0.03	0.035	O				0.02
88.083	0.00	0.03	0.035	O				0.02
88.167	0.00	0.03	0.035	O				0.02
88.250	0.00	0.03	0.035	O				0.02

88.333	0.00	0.03	0.035	O				0.02
88.417	0.00	0.03	0.034	O				0.02
88.500	0.00	0.03	0.034	O				0.02
88.583	0.00	0.03	0.034	O				0.02
88.667	0.00	0.03	0.034	O				0.02
88.750	0.00	0.03	0.033	O				0.02
88.833	0.00	0.03	0.033	O				0.02
88.917	0.00	0.03	0.033	O				0.02
89.000	0.00	0.03	0.033	O				0.02
89.083	0.00	0.03	0.033	O				0.02
89.167	0.00	0.03	0.032	O				0.02
89.250	0.00	0.03	0.032	O				0.02
89.333	0.00	0.03	0.032	O				0.02
89.417	0.00	0.03	0.032	O				0.02
89.500	0.00	0.03	0.032	O				0.02
89.583	0.00	0.03	0.031	O				0.02
89.667	0.00	0.03	0.031	O				0.02
89.750	0.00	0.03	0.031	O				0.02
89.833	0.00	0.03	0.031	O				0.02
89.917	0.00	0.03	0.031	O				0.02
90.000	0.00	0.03	0.030	O				0.02
90.083	0.00	0.03	0.030	O				0.02
90.167	0.00	0.03	0.030	O				0.02
90.250	0.00	0.03	0.030	O				0.02
90.333	0.00	0.03	0.030	O				0.02
90.417	0.00	0.03	0.029	O				0.02
90.500	0.00	0.03	0.029	O				0.02
90.583	0.00	0.03	0.029	O				0.01
90.667	0.00	0.03	0.029	O				0.01
90.750	0.00	0.03	0.029	O				0.01
90.833	0.00	0.03	0.029	O				0.01
90.917	0.00	0.03	0.028	O				0.01
91.000	0.00	0.03	0.028	O				0.01
91.083	0.00	0.03	0.028	O				0.01
91.167	0.00	0.03	0.028	O				0.01
91.250	0.00	0.03	0.028	O				0.01
91.333	0.00	0.03	0.027	O				0.01
91.417	0.00	0.03	0.027	O				0.01
91.500	0.00	0.03	0.027	O				0.01
91.583	0.00	0.02	0.027	O				0.01
91.667	0.00	0.02	0.027	O				0.01
91.750	0.00	0.02	0.027	O				0.01
91.833	0.00	0.02	0.026	O				0.01
91.917	0.00	0.02	0.026	O				0.01
92.000	0.00	0.02	0.026	O				0.01
92.083	0.00	0.02	0.026	O				0.01
92.167	0.00	0.02	0.026	O				0.01
92.250	0.00	0.02	0.026	O				0.01
92.333	0.00	0.02	0.025	O				0.01
92.417	0.00	0.02	0.025	O				0.01
92.500	0.00	0.02	0.025	O				0.01
92.583	0.00	0.02	0.025	O				0.01
92.667	0.00	0.02	0.025	O				0.01
92.750	0.00	0.02	0.025	O				0.01
92.833	0.00	0.02	0.024	O				0.01
92.917	0.00	0.02	0.024	O				0.01
93.000	0.00	0.02	0.024	O				0.01
93.083	0.00	0.02	0.024	O				0.01
93.167	0.00	0.02	0.024	O				0.01
93.250	0.00	0.02	0.024	O				0.01
93.333	0.00	0.02	0.024	O				0.01
93.417	0.00	0.02	0.023	O				0.01
93.500	0.00	0.02	0.023	O				0.01

93.583	0.00	0.02	0.023	O				0.01
93.667	0.00	0.02	0.023	O				0.01
93.750	0.00	0.02	0.023	O				0.01
93.833	0.00	0.02	0.023	O				0.01
93.917	0.00	0.02	0.023	O				0.01
94.000	0.00	0.02	0.022	O				0.01
94.083	0.00	0.02	0.022	O				0.01
94.167	0.00	0.02	0.022	O				0.01
94.250	0.00	0.02	0.022	O				0.01
94.333	0.00	0.02	0.022	O				0.01
94.417	0.00	0.02	0.022	O				0.01
94.500	0.00	0.02	0.022	O				0.01
94.583	0.00	0.02	0.021	O				0.01
94.667	0.00	0.02	0.021	O				0.01
94.750	0.00	0.02	0.021	O				0.01
94.833	0.00	0.02	0.021	O				0.01
94.917	0.00	0.02	0.021	O				0.01
95.000	0.00	0.02	0.021	O				0.01
95.083	0.00	0.02	0.021	O				0.01
95.167	0.00	0.02	0.020	O				0.01
95.250	0.00	0.02	0.020	O				0.01
95.333	0.00	0.02	0.020	O				0.01
95.417	0.00	0.02	0.020	O				0.01
95.500	0.00	0.02	0.020	O				0.01
95.583	0.00	0.02	0.020	O				0.01
95.667	0.00	0.02	0.020	O				0.01
95.750	0.00	0.02	0.020	O				0.01
95.833	0.00	0.02	0.019	O				0.01
95.917	0.00	0.02	0.019	O				0.01
96.000	0.00	0.02	0.019	O				0.01
96.083	0.00	0.02	0.019	O				0.01
96.167	0.00	0.02	0.019	O				0.01
96.250	0.00	0.02	0.019	O				0.01
96.333	0.00	0.02	0.019	O				0.01
96.417	0.00	0.02	0.019	O				0.01
96.500	0.00	0.02	0.018	O				0.01
96.583	0.00	0.02	0.018	O				0.01
96.667	0.00	0.02	0.018	O				0.01
96.750	0.00	0.02	0.018	O				0.01
96.833	0.00	0.02	0.018	O				0.01
96.917	0.00	0.02	0.018	O				0.01
97.000	0.00	0.02	0.018	O				0.01
97.083	0.00	0.02	0.018	O				0.01
97.167	0.00	0.02	0.018	O				0.01
97.250	0.00	0.02	0.017	O				0.01
97.333	0.00	0.02	0.017	O				0.01
97.417	0.00	0.02	0.017	O				0.01
97.500	0.00	0.02	0.017	O				0.01
97.583	0.00	0.02	0.017	O				0.01
97.667	0.00	0.02	0.017	O				0.01
97.750	0.00	0.02	0.017	O				0.01
97.833	0.00	0.02	0.017	O				0.01
97.917	0.00	0.02	0.017	O				0.01
98.000	0.00	0.02	0.016	O				0.01
98.083	0.00	0.02	0.016	O				0.01
98.167	0.00	0.02	0.016	O				0.01
98.250	0.00	0.01	0.016	O				0.01
98.333	0.00	0.01	0.016	O				0.01
98.417	0.00	0.01	0.016	O				0.01
98.500	0.00	0.01	0.016	O				0.01
98.583	0.00	0.01	0.016	O				0.01
98.667	0.00	0.01	0.016	O				0.01
98.750	0.00	0.01	0.016	O				0.01

98.833	0.00	0.01	0.015	O					0.01
98.917	0.00	0.01	0.015	O					0.01
99.000	0.00	0.01	0.015	O					0.01
99.083	0.00	0.01	0.015	O					0.01
99.167	0.00	0.01	0.015	O					0.01
99.250	0.00	0.01	0.015	O					0.01
99.333	0.00	0.01	0.015	O					0.01
99.417	0.00	0.01	0.015	O					0.01
99.500	0.00	0.01	0.015	O					0.01
99.583	0.00	0.01	0.015	O					0.01
99.667	0.00	0.01	0.015	O					0.01
99.750	0.00	0.01	0.014	O					0.01
99.833	0.00	0.01	0.014	O					0.01
99.917	0.00	0.01	0.014	O					0.01
100.000	0.00	0.01	0.014	O					0.01
100.083	0.00	0.01	0.014	O					0.01
100.167	0.00	0.01	0.014	O					0.01
100.250	0.00	0.01	0.014	O					0.01
100.333	0.00	0.01	0.014	O					0.01
100.417	0.00	0.01	0.014	O					0.01
100.500	0.00	0.01	0.014	O					0.01
100.583	0.00	0.01	0.014	O					0.01
100.667	0.00	0.01	0.013	O					0.01
100.750	0.00	0.01	0.013	O					0.01
100.833	0.00	0.01	0.013	O					0.01
100.917	0.00	0.01	0.013	O					0.01
101.000	0.00	0.01	0.013	O					0.01
101.083	0.00	0.01	0.013	O					0.01
101.167	0.00	0.01	0.013	O					0.01
101.250	0.00	0.01	0.013	O					0.01
101.333	0.00	0.01	0.013	O					0.01
101.417	0.00	0.01	0.013	O					0.01
101.500	0.00	0.01	0.013	O					0.01
101.583	0.00	0.01	0.013	O					0.01
101.667	0.00	0.01	0.012	O					0.01
101.750	0.00	0.01	0.012	O					0.01
101.833	0.00	0.01	0.012	O					0.01
101.917	0.00	0.01	0.012	O					0.01
102.000	0.00	0.01	0.012	O					0.01
102.083	0.00	0.01	0.012	O					0.01
102.167	0.00	0.01	0.012	O					0.01
102.250	0.00	0.01	0.012	O					0.01
102.333	0.00	0.01	0.012	O					0.01
102.417	0.00	0.01	0.012	O					0.01
102.500	0.00	0.01	0.012	O					0.01
102.583	0.00	0.01	0.012	O					0.01
102.667	0.00	0.01	0.012	O					0.01
102.750	0.00	0.01	0.011	O					0.01
102.833	0.00	0.01	0.011	O					0.01
102.917	0.00	0.01	0.011	O					0.01
103.000	0.00	0.01	0.011	O					0.01
103.083	0.00	0.01	0.011	O					0.01
103.167	0.00	0.01	0.011	O					0.01
103.250	0.00	0.01	0.011	O					0.01
103.333	0.00	0.01	0.011	O					0.01
103.417	0.00	0.01	0.011	O					0.01
103.500	0.00	0.01	0.011	O					0.01
103.583	0.00	0.01	0.011	O					0.01
103.667	0.00	0.01	0.011	O					0.01
103.750	0.00	0.01	0.011	O					0.01
103.833	0.00	0.01	0.011	O					0.01
103.917	0.00	0.01	0.010	O					0.01
104.000	0.00	0.01	0.010	O					0.01

104.083	0.00	0.01	0.010	O					0.01
104.167	0.00	0.01	0.010	O					0.01
104.250	0.00	0.01	0.010	O					0.01
104.333	0.00	0.01	0.010	O					0.01
104.417	0.00	0.01	0.010	O					0.01
104.500	0.00	0.01	0.010	O					0.01
104.583	0.00	0.01	0.010	O					0.01
104.667	0.00	0.01	0.010	O					0.01
104.750	0.00	0.01	0.010	O					0.01
104.833	0.00	0.01	0.010	O					0.01
104.917	0.00	0.01	0.010	O					0.00
105.000	0.00	0.01	0.010	O					0.00
105.083	0.00	0.01	0.010	O					0.00
105.167	0.00	0.01	0.010	O					0.00
105.250	0.00	0.01	0.009	O					0.00
105.333	0.00	0.01	0.009	O					0.00
105.417	0.00	0.01	0.009	O					0.00
105.500	0.00	0.01	0.009	O					0.00
105.583	0.00	0.01	0.009	O					0.00
105.667	0.00	0.01	0.009	O					0.00
105.750	0.00	0.01	0.009	O					0.00
105.833	0.00	0.01	0.009	O					0.00
105.917	0.00	0.01	0.009	O					0.00
106.000	0.00	0.01	0.009	O					0.00
106.083	0.00	0.01	0.009	O					0.00
106.167	0.00	0.01	0.009	O					0.00
106.250	0.00	0.01	0.009	O					0.00
106.333	0.00	0.01	0.009	O					0.00
106.417	0.00	0.01	0.009	O					0.00
106.500	0.00	0.01	0.009	O					0.00
106.583	0.00	0.01	0.009	O					0.00
106.667	0.00	0.01	0.009	O					0.00
106.750	0.00	0.01	0.008	O					0.00
106.833	0.00	0.01	0.008	O					0.00
106.917	0.00	0.01	0.008	O					0.00
107.000	0.00	0.01	0.008	O					0.00
107.083	0.00	0.01	0.008	O					0.00
107.167	0.00	0.01	0.008	O					0.00
107.250	0.00	0.01	0.008	O					0.00
107.333	0.00	0.01	0.008	O					0.00
107.417	0.00	0.01	0.008	O					0.00
107.500	0.00	0.01	0.008	O					0.00
107.583	0.00	0.01	0.008	O					0.00
107.667	0.00	0.01	0.008	O					0.00
107.750	0.00	0.01	0.008	O					0.00
107.833	0.00	0.01	0.008	O					0.00
107.917	0.00	0.01	0.008	O					0.00
108.000	0.00	0.01	0.008	O					0.00
108.083	0.00	0.01	0.008	O					0.00
108.167	0.00	0.01	0.008	O					0.00
108.250	0.00	0.01	0.008	O					0.00
108.333	0.00	0.01	0.007	O					0.00
108.417	0.00	0.01	0.007	O					0.00
108.500	0.00	0.01	0.007	O					0.00
108.583	0.00	0.01	0.007	O					0.00
108.667	0.00	0.01	0.007	O					0.00
108.750	0.00	0.01	0.007	O					0.00
108.833	0.00	0.01	0.007	O					0.00
108.917	0.00	0.01	0.007	O					0.00
109.000	0.00	0.01	0.007	O					0.00
109.083	0.00	0.01	0.007	O					0.00
109.167	0.00	0.01	0.007	O					0.00
109.250	0.00	0.01	0.007	O					0.00

109.333	0.00	0.01	0.007	O					0.00
109.417	0.00	0.01	0.007	O					0.00
109.500	0.00	0.01	0.007	O					0.00
109.583	0.00	0.01	0.007	O					0.00
109.667	0.00	0.01	0.007	O					0.00
109.750	0.00	0.01	0.007	O					0.00
109.833	0.00	0.01	0.007	O					0.00
109.917	0.00	0.01	0.007	O					0.00
110.000	0.00	0.01	0.007	O					0.00
110.083	0.00	0.01	0.007	O					0.00
110.167	0.00	0.01	0.007	O					0.00
110.250	0.00	0.01	0.006	O					0.00
110.333	0.00	0.01	0.006	O					0.00
110.417	0.00	0.01	0.006	O					0.00
110.500	0.00	0.01	0.006	O					0.00
110.583	0.00	0.01	0.006	O					0.00
110.667	0.00	0.01	0.006	O					0.00
110.750	0.00	0.01	0.006	O					0.00
110.833	0.00	0.01	0.006	O					0.00
110.917	0.00	0.01	0.006	O					0.00
111.000	0.00	0.01	0.006	O					0.00
111.083	0.00	0.01	0.006	O					0.00
111.167	0.00	0.01	0.006	O					0.00
111.250	0.00	0.01	0.006	O					0.00
111.333	0.00	0.01	0.006	O					0.00
111.417	0.00	0.01	0.006	O					0.00
111.500	0.00	0.01	0.006	O					0.00
111.583	0.00	0.01	0.006	O					0.00
111.667	0.00	0.01	0.006	O					0.00
111.750	0.00	0.01	0.006	O					0.00
111.833	0.00	0.01	0.006	O					0.00
111.917	0.00	0.01	0.006	O					0.00
112.000	0.00	0.01	0.006	O					0.00
112.083	0.00	0.01	0.006	O					0.00
112.167	0.00	0.01	0.006	O					0.00
112.250	0.00	0.01	0.006	O					0.00
112.333	0.00	0.01	0.006	O					0.00
112.417	0.00	0.01	0.005	O					0.00
112.500	0.00	0.01	0.005	O					0.00
112.583	0.00	0.01	0.005	O					0.00
112.667	0.00	0.00	0.005	O					0.00
112.750	0.00	0.00	0.005	O					0.00
112.833	0.00	0.00	0.005	O					0.00
112.917	0.00	0.00	0.005	O					0.00
113.000	0.00	0.00	0.005	O					0.00
113.083	0.00	0.00	0.005	O					0.00
113.167	0.00	0.00	0.005	O					0.00
113.250	0.00	0.00	0.005	O					0.00
113.333	0.00	0.00	0.005	O					0.00
113.417	0.00	0.00	0.005	O					0.00
113.500	0.00	0.00	0.005	O					0.00
113.583	0.00	0.00	0.005	O					0.00
113.667	0.00	0.00	0.005	O					0.00
113.750	0.00	0.00	0.005	O					0.00
113.833	0.00	0.00	0.005	O					0.00
113.917	0.00	0.00	0.005	O					0.00
114.000	0.00	0.00	0.005	O					0.00
114.083	0.00	0.00	0.005	O					0.00
114.167	0.00	0.00	0.005	O					0.00
114.250	0.00	0.00	0.005	O					0.00
114.333	0.00	0.00	0.005	O					0.00
114.417	0.00	0.00	0.005	O					0.00
114.500	0.00	0.00	0.005	O					0.00

114.583	0.00	0.00	0.005	O					0.00
114.667	0.00	0.00	0.005	O					0.00
114.750	0.00	0.00	0.005	O					0.00
114.833	0.00	0.00	0.005	O					0.00
114.917	0.00	0.00	0.005	O					0.00
115.000	0.00	0.00	0.005	O					0.00
115.083	0.00	0.00	0.004	O					0.00
115.167	0.00	0.00	0.004	O					0.00
115.250	0.00	0.00	0.004	O					0.00
115.333	0.00	0.00	0.004	O					0.00
115.417	0.00	0.00	0.004	O					0.00
115.500	0.00	0.00	0.004	O					0.00
115.583	0.00	0.00	0.004	O					0.00
115.667	0.00	0.00	0.004	O					0.00
115.750	0.00	0.00	0.004	O					0.00
115.833	0.00	0.00	0.004	O					0.00
115.917	0.00	0.00	0.004	O					0.00
116.000	0.00	0.00	0.004	O					0.00
116.083	0.00	0.00	0.004	O					0.00
116.167	0.00	0.00	0.004	O					0.00
116.250	0.00	0.00	0.004	O					0.00
116.333	0.00	0.00	0.004	O					0.00
116.417	0.00	0.00	0.004	O					0.00
116.500	0.00	0.00	0.004	O					0.00
116.583	0.00	0.00	0.004	O					0.00
116.667	0.00	0.00	0.004	O					0.00
116.750	0.00	0.00	0.004	O					0.00
116.833	0.00	0.00	0.004	O					0.00
116.917	0.00	0.00	0.004	O					0.00
117.000	0.00	0.00	0.004	O					0.00
117.083	0.00	0.00	0.004	O					0.00
117.167	0.00	0.00	0.004	O					0.00
117.250	0.00	0.00	0.004	O					0.00
117.333	0.00	0.00	0.004	O					0.00
117.417	0.00	0.00	0.004	O					0.00
117.500	0.00	0.00	0.004	O					0.00
117.583	0.00	0.00	0.004	O					0.00
117.667	0.00	0.00	0.004	O					0.00
117.750	0.00	0.00	0.004	O					0.00
117.833	0.00	0.00	0.004	O					0.00
117.917	0.00	0.00	0.004	O					0.00
118.000	0.00	0.00	0.004	O					0.00
118.083	0.00	0.00	0.004	O					0.00
118.167	0.00	0.00	0.004	O					0.00
118.250	0.00	0.00	0.004	O					0.00
118.333	0.00	0.00	0.003	O					0.00
118.417	0.00	0.00	0.003	O					0.00
118.500	0.00	0.00	0.003	O					0.00
118.583	0.00	0.00	0.003	O					0.00
118.667	0.00	0.00	0.003	O					0.00
118.750	0.00	0.00	0.003	O					0.00
118.833	0.00	0.00	0.003	O					0.00
118.917	0.00	0.00	0.003	O					0.00
119.000	0.00	0.00	0.003	O					0.00
119.083	0.00	0.00	0.003	O					0.00
119.167	0.00	0.00	0.003	O					0.00
119.250	0.00	0.00	0.003	O					0.00
119.333	0.00	0.00	0.003	O					0.00
119.417	0.00	0.00	0.003	O					0.00
119.500	0.00	0.00	0.003	O					0.00
119.583	0.00	0.00	0.003	O					0.00
119.667	0.00	0.00	0.003	O					0.00
119.750	0.00	0.00	0.003	O					0.00

119.833	0.00	0.00	0.003	O					0.00
119.917	0.00	0.00	0.003	O					0.00
120.000	0.00	0.00	0.003	O					0.00
120.083	0.00	0.00	0.003	O					0.00
120.167	0.00	0.00	0.003	O					0.00
120.250	0.00	0.00	0.003	O					0.00
120.333	0.00	0.00	0.003	O					0.00
120.417	0.00	0.00	0.003	O					0.00
120.500	0.00	0.00	0.003	O					0.00
120.583	0.00	0.00	0.003	O					0.00
120.667	0.00	0.00	0.003	O					0.00
120.750	0.00	0.00	0.003	O					0.00
120.833	0.00	0.00	0.003	O					0.00
120.917	0.00	0.00	0.003	O					0.00
121.000	0.00	0.00	0.003	O					0.00
121.083	0.00	0.00	0.003	O					0.00
121.167	0.00	0.00	0.003	O					0.00
121.250	0.00	0.00	0.003	O					0.00
121.333	0.00	0.00	0.003	O					0.00
121.417	0.00	0.00	0.003	O					0.00
121.500	0.00	0.00	0.003	O					0.00
121.583	0.00	0.00	0.003	O					0.00
121.667	0.00	0.00	0.003	O					0.00
121.750	0.00	0.00	0.003	O					0.00
121.833	0.00	0.00	0.003	O					0.00
121.917	0.00	0.00	0.003	O					0.00
122.000	0.00	0.00	0.003	O					0.00
122.083	0.00	0.00	0.003	O					0.00
122.167	0.00	0.00	0.003	O					0.00
122.250	0.00	0.00	0.003	O					0.00
122.333	0.00	0.00	0.003	O					0.00
122.417	0.00	0.00	0.003	O					0.00
122.500	0.00	0.00	0.003	O					0.00
122.583	0.00	0.00	0.003	O					0.00
122.667	0.00	0.00	0.003	O					0.00
122.750	0.00	0.00	0.002	O					0.00
122.833	0.00	0.00	0.002	O					0.00
122.917	0.00	0.00	0.002	O					0.00
123.000	0.00	0.00	0.002	O					0.00
123.083	0.00	0.00	0.002	O					0.00
123.167	0.00	0.00	0.002	O					0.00
123.250	0.00	0.00	0.002	O					0.00
123.333	0.00	0.00	0.002	O					0.00
123.417	0.00	0.00	0.002	O					0.00
123.500	0.00	0.00	0.002	O					0.00
123.583	0.00	0.00	0.002	O					0.00
123.667	0.00	0.00	0.002	O					0.00
123.750	0.00	0.00	0.002	O					0.00
123.833	0.00	0.00	0.002	O					0.00
123.917	0.00	0.00	0.002	O					0.00
124.000	0.00	0.00	0.002	O					0.00
124.083	0.00	0.00	0.002	O					0.00
124.167	0.00	0.00	0.002	O					0.00
124.250	0.00	0.00	0.002	O					0.00
124.333	0.00	0.00	0.002	O					0.00
124.417	0.00	0.00	0.002	O					0.00
124.500	0.00	0.00	0.002	O					0.00
124.583	0.00	0.00	0.002	O					0.00
124.667	0.00	0.00	0.002	O					0.00
124.750	0.00	0.00	0.002	O					0.00
124.833	0.00	0.00	0.002	O					0.00
124.917	0.00	0.00	0.002	O					0.00
125.000	0.00	0.00	0.002	O					0.00

125.083	0.00	0.00	0.002	O	|	|	|	|	0.00
125.167	0.00	0.00	0.002	O	|	|	|	|	0.00
125.250	0.00	0.00	0.002	O	|	|	|	|	0.00
125.333	0.00	0.00	0.002	O	|	|	|	|	0.00
125.417	0.00	0.00	0.002	O	|	|	|	|	0.00
125.500	0.00	0.00	0.002	O	|	|	|	|	0.00
125.583	0.00	0.00	0.002	O	|	|	|	|	0.00
125.667	0.00	0.00	0.002	O	|	|	|	|	0.00
125.750	0.00	0.00	0.002	O	|	|	|	|	0.00
125.833	0.00	0.00	0.002	O	|	|	|	|	0.00
125.917	0.00	0.00	0.002	O	|	|	|	|	0.00
126.000	0.00	0.00	0.002	O	|	|	|	|	0.00

Remaining water in basin = 0.00 (Ac.Ft)

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

Number of intervals = 1512
Time interval = 5.0 (Min.)
Maximum/Peak flow rate = 70.119 (CFS)
Total volume = 15.668 (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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                FLOOD HYDROGRAPH ROUTING PROGRAM
          Copyright (c) CIVILCADD/CIVILDESIGN, 1989 - 2005
                      Study date: 04/03/24

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Keller Crossing, Tr. 38163
WQ - Detention Basin Routing Area C onsite
Detention Basin C full with DCV at 1426
100-year 24-hour storm Inflow Hydrograph



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Program License Serial Number 4029

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

             From study/file name: 907hydcpr24100.rte
*****************************HYDROGRAPH DATA*****************************
             Number of intervals =   296
             Time interval =    5.0 (Min.)
             Maximum/Peak flow rate =       45.160 (CFS)
             Total volume =      23.731 (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       10.000 to Point/Station       11.000
**** RETARDING BASIN ROUTING ****
________________________________________________________________________

User entry of depth-outflow-storage data
------------------------------------------------------------------------
Total number of inflow hydrograph intervals = 296
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  Storage    Outflow   (S-O*dt/2)   (S+O*dt/2)
     (Ft.)    (Ac.Ft)    (CFS)     (Ac.Ft)    (Ac.Ft)
------------------------------------------------------------------------
   0.000      0.000      0.000      0.000        0.000
   1.000      1.948      1.800      1.942        1.954
   2.000      4.304      2.020      4.297        4.311
   3.000      7.054      3.480      7.042        7.066
```

4.000	10.094	49.260	9.924	10.264
4.500	11.710	87.250	11.410	12.010
5.000	13.325	331.310	12.184	14.466
6.000	16.754	1244.540	12.468	21.040

Hydrograph Detention Basin Routing

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

Time (Hours)	Inflow (CFS)	Outflow (CFS)	Storage (Ac.Ft)	.0	11.3	22.58	33.87	45.16	Depth (Ft.)
0.083	0.33	0.00	0.001	O	|	|	|	|	0.00
0.167	1.26	0.01	0.007	O	|	|	|	|	0.00
0.250	1.59	0.02	0.016	OI	|	|	|	|	0.01
0.333	1.90	0.03	0.028	OI	|	|	|	|	0.01
0.417	2.45	0.04	0.043	OI	|	|	|	|	0.02
0.500	2.67	0.06	0.060	OI	|	|	|	|	0.03
0.583	2.77	0.07	0.079	OI	|	|	|	|	0.04
0.667	2.84	0.09	0.097	O I	|	|	|	|	0.05
0.750	2.88	0.11	0.116	O I	|	|	|	|	0.06
0.833	3.07	0.13	0.136	O I	|	|	|	|	0.07
0.917	3.54	0.15	0.158	O I	|	|	|	|	0.08
1.000	3.72	0.17	0.182	O I	|	|	|	|	0.09
1.083	3.62	0.19	0.206	O I	|	|	|	|	0.11
1.167	3.20	0.21	0.228	O I	|	|	|	|	0.12
1.250	3.06	0.23	0.248	O I	|	|	|	|	0.13
1.333	3.01	0.25	0.267	O I	|	|	|	|	0.14
1.417	2.98	0.26	0.286	O I	|	|	|	|	0.15
1.500	2.96	0.28	0.305	O I	|	|	|	|	0.16
1.583	2.94	0.30	0.323	O I	|	|	|	|	0.17
1.667	2.93	0.32	0.341	O I	|	|	|	|	0.18
1.750	2.92	0.33	0.359	O I	|	|	|	|	0.18
1.833	3.09	0.35	0.378	O I	|	|	|	|	0.19
1.917	3.55	0.37	0.398	O I	|	|	|	|	0.20
2.000	3.72	0.39	0.420	O I	|	|	|	|	0.22
2.083	3.79	0.41	0.444	O I	|	|	|	|	0.23
2.167	3.83	0.43	0.467	O I	|	|	|	|	0.24
2.250	3.86	0.45	0.490	O I	|	|	|	|	0.25
2.333	3.88	0.47	0.514	O I	|	|	|	|	0.26
2.417	3.89	0.50	0.537	O I	|	|	|	|	0.28
2.500	3.90	0.52	0.561	O I	|	|	|	|	0.29
2.583	4.07	0.54	0.584	O I	|	|	|	|	0.30
2.667	4.53	0.56	0.610	O I	|	|	|	|	0.31
2.750	4.69	0.59	0.638	O I	|	|	|	|	0.33
2.833	4.77	0.62	0.666	O I	|	|	|	|	0.34
2.917	4.81	0.64	0.695	O I	|	|	|	|	0.36
3.000	4.83	0.67	0.724	O I	|	|	|	|	0.37
3.083	4.85	0.70	0.752	O I	|	|	|	|	0.39
3.167	4.86	0.72	0.781	O I	|	|	|	|	0.40
3.250	4.87	0.75	0.809	O I	|	|	|	|	0.42
3.333	4.87	0.77	0.838	O I	|	|	|	|	0.43
3.417	4.87	0.80	0.866	O I	|	|	|	|	0.44
3.500	4.87	0.83	0.894	O I	|	|	|	|	0.46
3.583	4.87	0.85	0.922	O I	|	|	|	|	0.47
3.667	4.87	0.88	0.949	O I	|	|	|	|	0.49
3.750	4.87	0.90	0.977	O I	|	|	|	|	0.50
3.833	5.04	0.93	1.004	O I	|	|	|	|	0.52
3.917	5.50	0.96	1.034	O I	|	|	|	|	0.53
4.000	5.67	0.98	1.066	O I	|	|	|	|	0.55
4.083	5.74	1.01	1.098	O I	|	|	|	|	0.56
4.167	5.78	1.05	1.131	O I	|	|	|	|	0.58
4.250	5.81	1.08	1.164	O I	|	|	|	|	0.60

4.333	5.99	1.11	1.197	O	I	|	|	|	0.61
4.417	6.47	1.14	1.232	O	I	|	|	|	0.63
4.500	6.64	1.17	1.269	O	I	|	|	|	0.65
4.583	6.71	1.21	1.307	O	I	|	|	|	0.67
4.667	6.76	1.24	1.345	O	I	|	|	|	0.69
4.750	6.78	1.28	1.383	O	I	|	|	|	0.71
4.833	6.97	1.31	1.421	O	I	|	|	|	0.73
4.917	7.44	1.35	1.462	O	I	|	|	|	0.75
5.000	7.62	1.39	1.504	O	I	|	|	|	0.77
5.083	7.36	1.43	1.546	|O	I	|	|	|	0.79
5.167	6.47	1.46	1.584	|O	I	|	|	|	0.81
5.250	6.17	1.49	1.617	|O	I	|	|	|	0.83
5.333	6.21	1.52	1.649	|O	I	|	|	|	0.85
5.417	6.60	1.55	1.683	|O	I	|	|	|	0.86
5.500	6.72	1.59	1.718	|O	I	|	|	|	0.88
5.583	6.92	1.62	1.754	|O	I	|	|	|	0.90
5.667	7.41	1.66	1.792	|O	I	|	|	|	0.92
5.750	7.58	1.69	1.832	|O	I	|	|	|	0.94
5.833	7.67	1.73	1.872	|O	I	|	|	|	0.96
5.917	7.72	1.77	1.913	|O	I	|	|	|	0.98
6.000	7.76	1.80	1.954	|O	I	|	|	|	1.00
6.083	7.94	1.80	1.996	|O	I	|	|	|	1.02
6.167	8.42	1.81	2.040	|O	I	|	|	|	1.04
6.250	8.59	1.81	2.086	|O	I	|	|	|	1.06
6.333	8.66	1.82	2.133	|O	I	|	|	|	1.08
6.417	8.71	1.82	2.180	|O	I	|	|	|	1.10
6.500	8.73	1.83	2.228	|O	I	|	|	|	1.12
6.583	8.92	1.83	2.276	|O	I	|	|	|	1.14
6.667	9.39	1.84	2.326	|O	I	|	|	|	1.16
6.750	9.57	1.84	2.379	|O	I	|	|	|	1.18
6.833	9.64	1.85	2.432	|O	I	|	|	|	1.21
6.917	9.68	1.85	2.486	|O	I	|	|	|	1.23
7.000	9.71	1.86	2.540	|O	I	|	|	|	1.25
7.083	9.72	1.86	2.594	|O	I	|	|	|	1.27
7.167	9.74	1.87	2.648	|O	I	|	|	|	1.30
7.250	9.75	1.87	2.703	|O	I	|	|	|	1.32
7.333	9.91	1.88	2.757	|O	I	|	|	|	1.34
7.417	10.38	1.88	2.814	|O	I	|	|	|	1.37
7.500	10.54	1.89	2.873	|O	I	|	|	|	1.39
7.583	10.78	1.89	2.934	|O	I	|	|	|	1.42
7.667	11.29	1.90	2.997	|O	I	|	|	|	1.45
7.750	11.48	1.90	3.062	|O	I	|	|	|	1.47
7.833	11.73	1.91	3.129	|O	I	|	|	|	1.50
7.917	12.25	1.92	3.198	|O	I	|	|	|	1.53
8.000	12.45	1.92	3.270	|O	I	|	|	|	1.56
8.083	12.93	1.93	3.344	|O	|I	|	|	|	1.59
8.167	14.09	1.94	3.424	|O	|I	|	|	|	1.63
8.250	14.53	1.95	3.509	|O	| I	|	|	|	1.66
8.333	14.75	1.95	3.597	|O	| I	|	|	|	1.70
8.417	14.89	1.96	3.685	|O	| I	|	|	|	1.74
8.500	14.99	1.97	3.774	|O	| I	|	|	|	1.78
8.583	15.32	1.98	3.865	|O	| I	|	|	|	1.81
8.667	16.10	1.99	3.960	|O	| I	|	|	|	1.85
8.750	16.41	2.00	4.058	|O	| I	|	|	|	1.90
8.833	16.81	2.01	4.159	|O	| I	|	|	|	1.94
8.917	17.62	2.02	4.263	|O	| I	|	|	|	1.98
9.000	17.95	2.06	4.372	|O	| I	|	|	|	2.02
9.083	18.64	2.12	4.483	|O	| I	|	|	|	2.07
9.167	20.18	2.18	4.602	|O	| I	|	|	|	2.11
9.250	20.77	2.25	4.728	|O	| I	|	|	|	2.15
9.333	21.32	2.31	4.857	|O	| I	|	|	|	2.20
9.417	22.21	2.38	4.991	|O	| I	|	|	|	2.25
9.500	22.59	2.46	5.129	|O	| I	|	|	|	2.30

9.583	23.05	2.53	5.269	O	2.35
9.667	23.89	2.61	5.413	O	2.40
9.750	24.25	2.69	5.560	O	2.46
9.833	24.68	2.77	5.710	O	2.51
9.917	25.51	2.85	5.863	O	2.57
10.000	25.85	2.93	6.020	O	2.62
10.083	24.22	3.01	6.172	O	2.68
10.167	19.34	3.08	6.301	O	2.73
10.250	17.66	3.14	6.407	O	2.76
10.333	16.94	3.19	6.505	O	2.80
10.417	16.54	3.24	6.598	O	2.83
10.500	16.30	3.29	6.688	O	2.87
10.583	17.43	3.34	6.782	O	2.90
10.667	20.91	3.39	6.891	O	2.94
10.750	22.09	3.46	7.015	O	2.99
10.833	22.68	4.79	7.141	O	3.03
10.917	23.04	6.57	7.259	O	3.07
11.000	23.27	8.21	7.368	O	3.10
11.083	23.19	9.69	7.466	O	3.14
11.167	22.59	10.99	7.553	O	3.16
11.250	22.44	12.13	7.628	O	3.19
11.333	22.36	13.14	7.695	O	3.21
11.417	22.33	14.05	7.756	O	3.23
11.500	22.32	14.86	7.810	O	3.25
11.583	21.81	15.57	7.857	O	3.26
11.667	20.39	16.12	7.893	O	3.28
11.750	19.91	16.52	7.920	O	3.28
11.833	19.97	16.85	7.942	O	3.29
11.917	20.59	17.19	7.964	O	3.30
12.000	20.79	17.54	7.987	O	3.31
12.083	22.67	17.95	8.015	O	3.32
12.167	27.73	18.66	8.062	O	3.33
12.250	29.53	19.65	8.128	O	3.35
12.333	30.63	20.68	8.196	O	3.38
12.417	31.84	21.72	8.265	O	3.40
12.500	32.42	22.74	8.333	O	3.42
12.583	33.27	23.74	8.399	O	3.44
12.667	34.91	24.76	8.467	O	3.46
12.750	35.59	25.80	8.536	O	3.49
12.833	36.13	26.79	8.602	O	3.51
12.917	37.02	27.75	8.666	O	3.53
13.000	37.40	28.68	8.728	O	3.55
13.083	38.87	29.62	8.790	O	3.57
13.167	42.57	30.71	8.862	O	3.59
13.250	43.93	31.95	8.944	O	3.62
13.333	44.54	33.16	9.025	O	3.65
13.417	44.91	34.30	9.101	O	3.67
13.500	45.16	35.36	9.171	O	3.70
13.583	42.50	36.19	9.226	O	3.71
13.667	34.76	36.43	9.242	O	3.72
13.750	32.09	36.14	9.223	O	3.71
13.833	30.89	35.68	9.192	O	3.70
13.917	30.21	35.17	9.159	O	3.69
14.000	29.79	34.66	9.125	O	3.68
14.083	30.54	34.22	9.095	O	3.67
14.167	33.24	33.99	9.080	O	3.67
14.250	34.10	33.96	9.078	O	3.67
14.333	34.32	33.98	9.080	O	3.67
14.417	33.89	34.00	9.080	O	3.67
14.500	33.83	33.98	9.080	O	3.67
14.583	33.85	33.97	9.079	O	3.67
14.667	33.89	33.96	9.078	O	3.67
14.750	33.93	33.95	9.078	O	3.67

14.833	33.67	33.94	9.077	|	|	| IO	|	3.67
14.917	32.97	33.88	9.073	|	|	| IO	|	3.66
15.000	32.73	33.78	9.066	|	|	| O|	|	3.66
15.083	32.38	33.66	9.058	|	|	| IO|	|	3.66
15.167	31.63	33.49	9.047	|	|	| IO|	|	3.66
15.250	31.36	33.30	9.034	|	|	| IO|	|	3.65
15.333	30.99	33.09	9.020	|	|	| I O|	|	3.65
15.417	30.22	32.84	9.004	|	|	| I O|	|	3.64
15.500	29.94	32.57	8.986	|	|	| I O|	|	3.64
15.583	28.80	32.26	8.965	|	|	| I O |	|	3.63
15.667	25.89	31.77	8.933	|	|	| I O |	|	3.62
15.750	24.85	31.14	8.891	|	|	|I O |	|	3.60
15.833	24.40	30.50	8.848	|	|	|I O |	|	3.59
15.917	24.15	29.88	8.807	|	|	|I O |	|	3.58
16.000	23.99	29.31	8.769	|	|	|I O |	|	3.56
16.083	20.50	28.61	8.723	|	| I | O |	|	3.55
16.167	10.96	27.34	8.639	| I|	| O |	|	3.52
16.250	7.56	25.56	8.520	| I |	| O |	|	3.48
16.333	6.08	23.71	8.398	| I |	| O |	|	3.44
16.417	5.24	21.93	8.279	| I |	| O|	|	3.40
16.500	4.69	20.26	8.168	| I |	| O |	|	3.37
16.583	4.16	18.70	8.065	| I |	| O |	|	3.33
16.667	3.47	17.23	7.967	| I |	| O |	|	3.30
16.750	3.10	15.86	7.876	| I |	| O |	|	3.27
16.833	3.03	14.59	7.792	| I |	| O |	|	3.24
16.917	2.99	13.45	7.716	| I |	|O |	|	3.22
17.000	2.96	12.42	7.648	| I |	O |	|	3.20
17.083	3.28	11.50	7.587	| I |	O |	|	3.18
17.167	4.20	10.74	7.536	| I |	O|	|	3.16
17.250	4.51	10.11	7.494	| I |	O|	|	3.14
17.333	4.66	9.56	7.458	| I | O |	|	3.13
17.417	4.74	9.08	7.426	| I | O |	|	3.12
17.500	4.80	8.66	7.398	| I | O |	|	3.11
17.583	4.83	8.28	7.373	| I O |	|	3.10
17.667	4.85	7.94	7.350	| I O |	|	3.10
17.750	4.87	7.64	7.330	| I O |	|	3.09
17.833	4.71	7.36	7.311	| I O |	|	3.08
17.917	4.24	7.07	7.292	| I O |	|	3.08
18.000	4.08	6.78	7.273	| I O |	|	3.07
18.083	4.01	6.51	7.255	| I O |	|	3.07
18.167	3.96	6.26	7.239	| I O |	|	3.06
18.250	3.94	6.04	7.224	| I O |	|	3.06
18.333	3.92	5.83	7.210	| I O |	|	3.05
18.417	3.91	5.64	7.197	| IO |	|	3.05
18.500	3.90	5.47	7.186	| IO |	|	3.04
18.583	3.73	5.31	7.175	| IO |	|	3.04
18.667	3.27	5.13	7.163	| IO |	|	3.04
18.750	3.10	4.94	7.151	| IO |	|	3.03
18.833	2.86	4.74	7.138	| IO |	|	3.03
18.917	2.36	4.53	7.124	|I O |	|	3.02
19.000	2.17	4.31	7.109	|I O |	|	3.02
19.083	2.24	4.10	7.095	|IO |	|	3.01
19.167	2.66	3.94	7.084	|IO |	|	3.01
19.250	2.78	3.82	7.076	|IO |	|	3.01
19.333	3.00	3.73	7.070	| O |	|	3.01
19.417	3.50	3.68	7.067	| O |	|	3.00
19.500	3.68	3.67	7.067	| O |	|	3.00
19.583	3.60	3.67	7.067	| O |	|	3.00
19.667	3.19	3.64	7.065	| O |	|	3.00
19.750	3.06	3.59	7.061	| O |	|	3.00
19.833	2.84	3.53	7.057	| O |	|	3.00
19.917	2.35	3.48	7.051	|IO |	|	3.00
20.000	2.17	3.47	7.043	|IO |	|	3.00

20.083	2.24	3.47	7.034	IO				2.99
20.167	2.66	3.47	7.027	IO				2.99
20.250	2.78	3.46	7.022	IO				2.99
20.333	2.84	3.46	7.017	O				2.99
20.417	2.87	3.46	7.013	O				2.99
20.500	2.88	3.46	7.009	O				2.98
20.583	2.90	3.45	7.005	O				2.98
20.667	2.91	3.45	7.001	O				2.98
20.750	2.92	3.45	6.998	O				2.98
20.833	2.76	3.45	6.994	IO				2.98
20.917	2.29	3.44	6.987	IO				2.98
21.000	2.13	3.44	6.979	IO				2.97
21.083	2.22	3.44	6.970	IO				2.97
21.167	2.65	3.43	6.963	IO				2.97
21.250	2.78	3.43	6.958	IO				2.97
21.333	2.67	3.43	6.953	IO				2.96
21.417	2.24	3.42	6.947	IO				2.96
21.500	2.09	3.42	6.938	IO				2.96
21.583	2.20	3.41	6.929	IO				2.95
21.667	2.64	3.41	6.922	IO				2.95
21.750	2.78	3.41	6.918	IO				2.95
21.833	2.67	3.41	6.913	IO				2.95
21.917	2.24	3.40	6.906	IO				2.95
22.000	2.09	3.40	6.898	IO				2.94
22.083	2.20	3.39	6.889	IO				2.94
22.167	2.64	3.39	6.883	IO				2.94
22.250	2.78	3.39	6.878	IO				2.94
22.333	2.67	3.38	6.873	IO				2.93
22.417	2.24	3.38	6.867	IO				2.93
22.500	2.09	3.38	6.859	IO				2.93
22.583	2.04	3.37	6.850	IO				2.93
22.667	2.00	3.37	6.840	IO				2.92
22.750	1.99	3.36	6.831	IO				2.92
22.833	1.97	3.36	6.821	IO				2.92
22.917	1.96	3.35	6.812	IO				2.91
23.000	1.95	3.35	6.802	IO				2.91
23.083	1.95	3.34	6.793	IO				2.90
23.167	1.95	3.34	6.783	IO				2.90
23.250	1.95	3.33	6.774	IO				2.90
23.333	1.95	3.33	6.764	IO				2.89
23.417	1.95	3.32	6.755	IO				2.89
23.500	1.95	3.32	6.745	IO				2.89
23.583	1.95	3.31	6.736	IO				2.88
23.667	1.95	3.31	6.726	IO				2.88
23.750	1.95	3.30	6.717	IO				2.88
23.833	1.95	3.30	6.708	IO				2.87
23.917	1.95	3.29	6.698	IO				2.87
24.000	1.95	3.29	6.689	IO				2.87
24.083	1.62	3.28	6.679	IO				2.86
24.167	0.69	3.27	6.664	I O				2.86
24.250	0.36	3.26	6.645	I O				2.85
24.333	0.21	3.25	6.625	I O				2.84
24.417	0.13	3.24	6.604	I O				2.84
24.500	0.08	3.23	6.582	I O				2.83
24.583	0.04	3.22	6.560	I O				2.82
24.667	0.02	3.21	6.538	I O				2.81
24.750	0.00	3.19	6.516	I O				2.80
24.833	0.00	3.18	6.495	I O				2.80
24.917	0.00	3.17	6.473	I O				2.79
25.000	0.00	3.16	6.451	I O				2.78
25.083	0.00	3.15	6.429	I O				2.77
25.167	0.00	3.14	6.407	I O				2.76
25.250	0.00	3.13	6.386	I O				2.76

25.333	0.00	3.11	6.364	I O				2.75
25.417	0.00	3.10	6.343	I O				2.74
25.500	0.00	3.09	6.322	I O				2.73
25.583	0.00	3.08	6.300	I O				2.73
25.667	0.00	3.07	6.279	I O				2.72
25.750	0.00	3.06	6.258	I O				2.71
25.833	0.00	3.05	6.237	I O				2.70
25.917	0.00	3.04	6.216	I O				2.70
26.000	0.00	3.02	6.195	I O				2.69
26.083	0.00	3.01	6.175	I O				2.68
26.167	0.00	3.00	6.154	I O				2.67
26.250	0.00	2.99	6.133	I O				2.67
26.333	0.00	2.98	6.113	I O				2.66
26.417	0.00	2.97	6.092	I O				2.65
26.500	0.00	2.96	6.072	I O				2.64
26.583	0.00	2.95	6.051	I O				2.64
26.667	0.00	2.94	6.031	I O				2.63
26.750	0.00	2.93	6.011	I O				2.62
26.833	0.00	2.92	5.991	I O				2.61
26.917	0.00	2.90	5.971	I O				2.61
27.000	0.00	2.89	5.951	I O				2.60
27.083	0.00	2.88	5.931	I O				2.59
27.167	0.00	2.87	5.911	I O				2.58
27.250	0.00	2.86	5.891	I O				2.58
27.333	0.00	2.85	5.872	I O				2.57
27.417	0.00	2.84	5.852	I O				2.56
27.500	0.00	2.83	5.833	I O				2.56
27.583	0.00	2.82	5.813	IO				2.55
27.667	0.00	2.81	5.794	IO				2.54
27.750	0.00	2.80	5.774	IO				2.53
27.833	0.00	2.79	5.755	IO				2.53
27.917	0.00	2.78	5.736	IO				2.52
28.000	0.00	2.77	5.717	IO				2.51
28.083	0.00	2.76	5.698	IO				2.51
28.167	0.00	2.75	5.679	IO				2.50
28.250	0.00	2.74	5.660	IO				2.49
28.333	0.00	2.73	5.641	IO				2.49
28.417	0.00	2.72	5.622	IO				2.48
28.500	0.00	2.71	5.604	IO				2.47
28.583	0.00	2.70	5.585	IO				2.47
28.667	0.00	2.69	5.566	IO				2.46
28.750	0.00	2.68	5.548	IO				2.45
28.833	0.00	2.67	5.529	IO				2.45
28.917	0.00	2.66	5.511	IO				2.44
29.000	0.00	2.65	5.493	IO				2.43
29.083	0.00	2.64	5.475	IO				2.43
29.167	0.00	2.63	5.456	IO				2.42
29.250	0.00	2.62	5.438	IO				2.41
29.333	0.00	2.61	5.420	IO				2.41
29.417	0.00	2.60	5.402	IO				2.40
29.500	0.00	2.59	5.384	IO				2.39
29.583	0.00	2.58	5.367	IO				2.39
29.667	0.00	2.57	5.349	IO				2.38
29.750	0.00	2.57	5.331	IO				2.37
29.833	0.00	2.56	5.314	IO				2.37
29.917	0.00	2.55	5.296	IO				2.36
30.000	0.00	2.54	5.278	IO				2.35
30.083	0.00	2.53	5.261	IO				2.35
30.167	0.00	2.52	5.244	IO				2.34
30.250	0.00	2.51	5.226	IO				2.34
30.333	0.00	2.50	5.209	IO				2.33
30.417	0.00	2.49	5.192	IO				2.32
30.500	0.00	2.48	5.175	IO				2.32

30.583	0.00	2.47	5.158	IO				2.31
30.667	0.00	2.46	5.141	IO				2.30
30.750	0.00	2.46	5.124	IO				2.30
30.833	0.00	2.45	5.107	IO				2.29
30.917	0.00	2.44	5.090	IO				2.29
31.000	0.00	2.43	5.073	IO				2.28
31.083	0.00	2.42	5.057	IO				2.27
31.167	0.00	2.41	5.040	IO				2.27
31.250	0.00	2.40	5.023	IO				2.26
31.333	0.00	2.39	5.007	IO				2.26
31.417	0.00	2.38	4.990	IO				2.25
31.500	0.00	2.38	4.974	IO				2.24
31.583	0.00	2.37	4.958	IO				2.24
31.667	0.00	2.36	4.941	IO				2.23
31.750	0.00	2.35	4.925	IO				2.23
31.833	0.00	2.34	4.909	IO				2.22
31.917	0.00	2.33	4.893	IO				2.21
32.000	0.00	2.32	4.877	IO				2.21
32.083	0.00	2.32	4.861	IO				2.20
32.167	0.00	2.31	4.845	IO				2.20
32.250	0.00	2.30	4.829	IO				2.19
32.333	0.00	2.29	4.813	IO				2.19
32.417	0.00	2.28	4.798	IO				2.18
32.500	0.00	2.27	4.782	IO				2.17
32.583	0.00	2.27	4.766	IO				2.17
32.667	0.00	2.26	4.751	IO				2.16
32.750	0.00	2.25	4.735	IO				2.16
32.833	0.00	2.24	4.720	IO				2.15
32.917	0.00	2.23	4.704	IO				2.15
33.000	0.00	2.22	4.689	IO				2.14
33.083	0.00	2.22	4.674	IO				2.13
33.167	0.00	2.21	4.658	IO				2.13
33.250	0.00	2.20	4.643	IO				2.12
33.333	0.00	2.19	4.628	IO				2.12
33.417	0.00	2.18	4.613	IO				2.11
33.500	0.00	2.18	4.598	IO				2.11
33.583	0.00	2.17	4.583	IO				2.10
33.667	0.00	2.16	4.568	IO				2.10
33.750	0.00	2.15	4.553	IO				2.09
33.833	0.00	2.14	4.539	IO				2.09
33.917	0.00	2.14	4.524	IO				2.08
34.000	0.00	2.13	4.509	IO				2.07
34.083	0.00	2.12	4.495	IO				2.07
34.167	0.00	2.11	4.480	IO				2.06
34.250	0.00	2.11	4.465	IO				2.06
34.333	0.00	2.10	4.451	IO				2.05
34.417	0.00	2.09	4.436	IO				2.05
34.500	0.00	2.08	4.422	IO				2.04
34.583	0.00	2.08	4.408	IO				2.04
34.667	0.00	2.07	4.394	IO				2.03
34.750	0.00	2.06	4.379	IO				2.03
34.833	0.00	2.05	4.365	IO				2.02
34.917	0.00	2.04	4.351	IO				2.02
35.000	0.00	2.04	4.337	IO				2.01
35.083	0.00	2.03	4.323	IO				2.01
35.167	0.00	2.02	4.309	IO				2.00
35.250	0.00	2.02	4.295	IO				2.00
35.333	0.00	2.02	4.281	IO				1.99
35.417	0.00	2.02	4.267	IO				1.98
35.500	0.00	2.02	4.253	IO				1.98
35.583	0.00	2.01	4.240	IO				1.97
35.667	0.00	2.01	4.226	IO				1.97
35.750	0.00	2.01	4.212	IO				1.96

35.833	0.00	2.01	4.198	IO				1.96
35.917	0.00	2.01	4.184	IO				1.95
36.000	0.00	2.01	4.170	IO				1.94
36.083	0.00	2.01	4.157	IO				1.94
36.167	0.00	2.00	4.143	IO				1.93
36.250	0.00	2.00	4.129	IO				1.93
36.333	0.00	2.00	4.115	IO				1.92
36.417	0.00	2.00	4.101	IO				1.91
36.500	0.00	2.00	4.088	IO				1.91
36.583	0.00	2.00	4.074	IO				1.90
36.667	0.00	2.00	4.060	IO				1.90
36.750	0.00	2.00	4.046	IO				1.89
36.833	0.00	1.99	4.033	IO				1.88
36.917	0.00	1.99	4.019	IO				1.88
37.000	0.00	1.99	4.005	IO				1.87
37.083	0.00	1.99	3.991	IO				1.87
37.167	0.00	1.99	3.978	IO				1.86
37.250	0.00	1.99	3.964	IO				1.86
37.333	0.00	1.99	3.950	IO				1.85
37.417	0.00	1.99	3.937	IO				1.84
37.500	0.00	1.98	3.923	IO				1.84
37.583	0.00	1.98	3.909	IO				1.83
37.667	0.00	1.98	3.896	IO				1.83
37.750	0.00	1.98	3.882	IO				1.82
37.833	0.00	1.98	3.868	IO				1.82
37.917	0.00	1.98	3.855	IO				1.81
38.000	0.00	1.98	3.841	IO				1.80
38.083	0.00	1.98	3.827	IO				1.80
38.167	0.00	1.97	3.814	IO				1.79
38.250	0.00	1.97	3.800	IO				1.79
38.333	0.00	1.97	3.787	IO				1.78
38.417	0.00	1.97	3.773	IO				1.77
38.500	0.00	1.97	3.760	IO				1.77
38.583	0.00	1.97	3.746	IO				1.76
38.667	0.00	1.97	3.732	IO				1.76
38.750	0.00	1.97	3.719	IO				1.75
38.833	0.00	1.96	3.705	IO				1.75
38.917	0.00	1.96	3.692	IO				1.74
39.000	0.00	1.96	3.678	IO				1.73
39.083	0.00	1.96	3.665	IO				1.73
39.167	0.00	1.96	3.651	IO				1.72
39.250	0.00	1.96	3.638	IO				1.72
39.333	0.00	1.96	3.624	IO				1.71
39.417	0.00	1.96	3.611	IO				1.71
39.500	0.00	1.95	3.597	IO				1.70
39.583	0.00	1.95	3.584	IO				1.69
39.667	0.00	1.95	3.571	IO				1.69
39.750	0.00	1.95	3.557	IO				1.68
39.833	0.00	1.95	3.544	IO				1.68
39.917	0.00	1.95	3.530	IO				1.67
40.000	0.00	1.95	3.517	IO				1.67
40.083	0.00	1.95	3.503	IO				1.66
40.167	0.00	1.94	3.490	IO				1.65
40.250	0.00	1.94	3.477	IO				1.65
40.333	0.00	1.94	3.463	IO				1.64
40.417	0.00	1.94	3.450	IO				1.64
40.500	0.00	1.94	3.437	IO				1.63
40.583	0.00	1.94	3.423	IO				1.63
40.667	0.00	1.94	3.410	IO				1.62
40.750	0.00	1.94	3.397	IO				1.61
40.833	0.00	1.93	3.383	IO				1.61
40.917	0.00	1.93	3.370	IO				1.60
41.000	0.00	1.93	3.357	IO				1.60

41.083	0.00	1.93	3.343	IO				1.59
41.167	0.00	1.93	3.330	IO				1.59
41.250	0.00	1.93	3.317	IO				1.58
41.333	0.00	1.93	3.303	IO				1.58
41.417	0.00	1.93	3.290	IO				1.57
41.500	0.00	1.92	3.277	IO				1.56
41.583	0.00	1.92	3.264	IO				1.56
41.667	0.00	1.92	3.250	IO				1.55
41.750	0.00	1.92	3.237	IO				1.55
41.833	0.00	1.92	3.224	IO				1.54
41.917	0.00	1.92	3.211	IO				1.54
42.000	0.00	1.92	3.198	IO				1.53
42.083	0.00	1.92	3.184	IO				1.52
42.167	0.00	1.91	3.171	IO				1.52
42.250	0.00	1.91	3.158	IO				1.51
42.333	0.00	1.91	3.145	IO				1.51
42.417	0.00	1.91	3.132	IO				1.50
42.500	0.00	1.91	3.119	IO				1.50
42.583	0.00	1.91	3.105	IO				1.49
42.667	0.00	1.91	3.092	IO				1.49
42.750	0.00	1.91	3.079	IO				1.48
42.833	0.00	1.90	3.066	IO				1.47
42.917	0.00	1.90	3.053	IO				1.47
43.000	0.00	1.90	3.040	IO				1.46
43.083	0.00	1.90	3.027	IO				1.46
43.167	0.00	1.90	3.014	IO				1.45
43.250	0.00	1.90	3.001	IO				1.45
43.333	0.00	1.90	2.987	IO				1.44
43.417	0.00	1.90	2.974	IO				1.44
43.500	0.00	1.89	2.961	IO				1.43
43.583	0.00	1.89	2.948	IO				1.42
43.667	0.00	1.89	2.935	IO				1.42
43.750	0.00	1.89	2.922	IO				1.41
43.833	0.00	1.89	2.909	IO				1.41
43.917	0.00	1.89	2.896	IO				1.40
44.000	0.00	1.89	2.883	IO				1.40
44.083	0.00	1.89	2.870	IO				1.39
44.167	0.00	1.88	2.857	IO				1.39
44.250	0.00	1.88	2.844	IO				1.38
44.333	0.00	1.88	2.831	IO				1.37
44.417	0.00	1.88	2.818	IO				1.37
44.500	0.00	1.88	2.805	IO				1.36
44.583	0.00	1.88	2.792	IO				1.36
44.667	0.00	1.88	2.779	IO				1.35
44.750	0.00	1.88	2.767	IO				1.35
44.833	0.00	1.88	2.754	IO				1.34
44.917	0.00	1.87	2.741	IO				1.34
45.000	0.00	1.87	2.728	IO				1.33
45.083	0.00	1.87	2.715	IO				1.33
45.167	0.00	1.87	2.702	IO				1.32
45.250	0.00	1.87	2.689	IO				1.31
45.333	0.00	1.87	2.676	IO				1.31
45.417	0.00	1.87	2.663	IO				1.30
45.500	0.00	1.87	2.651	IO				1.30
45.583	0.00	1.86	2.638	IO				1.29
45.667	0.00	1.86	2.625	IO				1.29
45.750	0.00	1.86	2.612	IO				1.28
45.833	0.00	1.86	2.599	IO				1.28
45.917	0.00	1.86	2.586	IO				1.27
46.000	0.00	1.86	2.574	IO				1.27
46.083	0.00	1.86	2.561	IO				1.26
46.167	0.00	1.86	2.548	IO				1.25
46.250	0.00	1.85	2.535	IO				1.25

46.333	0.00	1.85	2.522	IO				1.24
46.417	0.00	1.85	2.510	IO				1.24
46.500	0.00	1.85	2.497	IO				1.23
46.583	0.00	1.85	2.484	IO				1.23
46.667	0.00	1.85	2.471	IO				1.22
46.750	0.00	1.85	2.459	IO				1.22
46.833	0.00	1.85	2.446	IO				1.21
46.917	0.00	1.85	2.433	IO				1.21
47.000	0.00	1.84	2.421	IO				1.20
47.083	0.00	1.84	2.408	IO				1.20
47.167	0.00	1.84	2.395	IO				1.19
47.250	0.00	1.84	2.383	IO				1.18
47.333	0.00	1.84	2.370	IO				1.18
47.417	0.00	1.84	2.357	IO				1.17
47.500	0.00	1.84	2.345	IO				1.17
47.583	0.00	1.84	2.332	IO				1.16
47.667	0.00	1.83	2.319	IO				1.16
47.750	0.00	1.83	2.307	IO				1.15
47.833	0.00	1.83	2.294	IO				1.15
47.917	0.00	1.83	2.281	IO				1.14
48.000	0.00	1.83	2.269	IO				1.14
48.083	0.00	1.83	2.256	IO				1.13
48.167	0.00	1.83	2.244	IO				1.13
48.250	0.00	1.83	2.231	IO				1.12
48.333	0.00	1.83	2.218	IO				1.11
48.417	0.00	1.82	2.206	IO				1.11
48.500	0.00	1.82	2.193	IO				1.10
48.583	0.00	1.82	2.181	IO				1.10
48.667	0.00	1.82	2.168	IO				1.09
48.750	0.00	1.82	2.156	IO				1.09
48.833	0.00	1.82	2.143	IO				1.08
48.917	0.00	1.82	2.131	IO				1.08
49.000	0.00	1.82	2.118	IO				1.07
49.083	0.00	1.81	2.106	IO				1.07
49.167	0.00	1.81	2.093	IO				1.06
49.250	0.00	1.81	2.081	IO				1.06
49.333	0.00	1.81	2.068	IO				1.05
49.417	0.00	1.81	2.056	IO				1.05
49.500	0.00	1.81	2.043	IO				1.04
49.583	0.00	1.81	2.031	IO				1.04
49.667	0.00	1.81	2.018	IO				1.03
49.750	0.00	1.81	2.006	IO				1.02
49.833	0.00	1.80	1.993	IO				1.02
49.917	0.00	1.80	1.981	IO				1.01
50.000	0.00	1.80	1.969	IO				1.01
50.083	0.00	1.80	1.956	IO				1.00
50.167	0.00	1.80	1.944	IO				1.00
50.250	0.00	1.78	1.932	IO				0.99
50.333	0.00	1.77	1.919	IO				0.99
50.417	0.00	1.76	1.907	IO				0.98
50.500	0.00	1.75	1.895	IO				0.97
50.583	0.00	1.74	1.883	IO				0.97
50.667	0.00	1.73	1.871	IO				0.96
50.750	0.00	1.72	1.859	IO				0.95
50.833	0.00	1.71	1.847	IO				0.95
50.917	0.00	1.70	1.836	IO				0.94
51.000	0.00	1.69	1.824	IO				0.94
51.083	0.00	1.67	1.812	IO				0.93
51.167	0.00	1.66	1.801	IO				0.92
51.250	0.00	1.65	1.790	IO				0.92
51.333	0.00	1.64	1.778	IO				0.91
51.417	0.00	1.63	1.767	IO				0.91
51.500	0.00	1.62	1.756	IO				0.90

51.583	0.00	1.61	1.745	IO				0.90
51.667	0.00	1.60	1.733	IO				0.89
51.750	0.00	1.59	1.722	IO				0.88
51.833	0.00	1.58	1.712	IO				0.88
51.917	0.00	1.57	1.701	IO				0.87
52.000	0.00	1.56	1.690	IO				0.87
52.083	0.00	1.55	1.679	IO				0.86
52.167	0.00	1.54	1.669	IO				0.86
52.250	0.00	1.53	1.658	IO				0.85
52.333	0.00	1.52	1.647	IO				0.85
52.417	0.00	1.51	1.637	IO				0.84
52.500	0.00	1.50	1.627	IO				0.84
52.583	0.00	1.49	1.616	IO				0.83
52.667	0.00	1.48	1.606	IO				0.82
52.750	0.00	1.47	1.596	IO				0.82
52.833	0.00	1.47	1.586	IO				0.81
52.917	0.00	1.46	1.576	IO				0.81
53.000	0.00	1.45	1.566	IO				0.80
53.083	0.00	1.44	1.556	IO				0.80
53.167	0.00	1.43	1.546	IO				0.79
53.250	0.00	1.42	1.536	IO				0.79
53.333	0.00	1.41	1.526	O				0.78
53.417	0.00	1.40	1.517	O				0.78
53.500	0.00	1.39	1.507	O				0.77
53.583	0.00	1.38	1.497	O				0.77
53.667	0.00	1.37	1.488	O				0.76
53.750	0.00	1.37	1.479	O				0.76
53.833	0.00	1.36	1.469	O				0.75
53.917	0.00	1.35	1.460	O				0.75
54.000	0.00	1.34	1.451	O				0.74
54.083	0.00	1.33	1.441	O				0.74
54.167	0.00	1.32	1.432	O				0.74
54.250	0.00	1.31	1.423	O				0.73
54.333	0.00	1.31	1.414	O				0.73
54.417	0.00	1.30	1.405	O				0.72
54.500	0.00	1.29	1.396	O				0.72
54.583	0.00	1.28	1.387	O				0.71
54.667	0.00	1.27	1.379	O				0.71
54.750	0.00	1.27	1.370	O				0.70
54.833	0.00	1.26	1.361	O				0.70
54.917	0.00	1.25	1.352	O				0.69
55.000	0.00	1.24	1.344	O				0.69
55.083	0.00	1.23	1.335	O				0.69
55.167	0.00	1.23	1.327	O				0.68
55.250	0.00	1.22	1.318	O				0.68
55.333	0.00	1.21	1.310	O				0.67
55.417	0.00	1.20	1.302	O				0.67
55.500	0.00	1.20	1.294	O				0.66
55.583	0.00	1.19	1.285	O				0.66
55.667	0.00	1.18	1.277	O				0.66
55.750	0.00	1.17	1.269	O				0.65
55.833	0.00	1.17	1.261	O				0.65
55.917	0.00	1.16	1.253	O				0.64
56.000	0.00	1.15	1.245	O				0.64
56.083	0.00	1.14	1.237	O				0.64
56.167	0.00	1.14	1.229	O				0.63
56.250	0.00	1.13	1.222	O				0.63
56.333	0.00	1.12	1.214	O				0.62
56.417	0.00	1.11	1.206	O				0.62
56.500	0.00	1.11	1.198	O				0.62
56.583	0.00	1.10	1.191	O				0.61
56.667	0.00	1.09	1.183	O				0.61
56.750	0.00	1.09	1.176	O				0.60

56.833	0.00	1.08	1.168	O				0.60
56.917	0.00	1.07	1.161	O				0.60
57.000	0.00	1.07	1.154	O				0.59
57.083	0.00	1.06	1.146	O				0.59
57.167	0.00	1.05	1.139	O				0.58
57.250	0.00	1.05	1.132	O				0.58
57.333	0.00	1.04	1.125	O				0.58
57.417	0.00	1.03	1.117	O				0.57
57.500	0.00	1.03	1.110	O				0.57
57.583	0.00	1.02	1.103	O				0.57
57.667	0.00	1.01	1.096	O				0.56
57.750	0.00	1.01	1.089	O				0.56
57.833	0.00	1.00	1.082	O				0.56
57.917	0.00	0.99	1.076	O				0.55
58.000	0.00	0.99	1.069	O				0.55
58.083	0.00	0.98	1.062	O				0.55
58.167	0.00	0.98	1.055	O				0.54
58.250	0.00	0.97	1.049	O				0.54
58.333	0.00	0.96	1.042	O				0.53
58.417	0.00	0.96	1.035	O				0.53
58.500	0.00	0.95	1.029	O				0.53
58.583	0.00	0.94	1.022	O				0.52
58.667	0.00	0.94	1.016	O				0.52
58.750	0.00	0.93	1.009	O				0.52
58.833	0.00	0.93	1.003	O				0.51
58.917	0.00	0.92	0.996	O				0.51
59.000	0.00	0.91	0.990	O				0.51
59.083	0.00	0.91	0.984	O				0.51
59.167	0.00	0.90	0.978	O				0.50
59.250	0.00	0.90	0.971	O				0.50
59.333	0.00	0.89	0.965	O				0.50
59.417	0.00	0.89	0.959	O				0.49
59.500	0.00	0.88	0.953	O				0.49
59.583	0.00	0.88	0.947	O				0.49
59.667	0.00	0.87	0.941	O				0.48
59.750	0.00	0.86	0.935	O				0.48
59.833	0.00	0.86	0.929	O				0.48
59.917	0.00	0.85	0.923	O				0.47
60.000	0.00	0.85	0.917	O				0.47
60.083	0.00	0.84	0.912	O				0.47
60.167	0.00	0.84	0.906	O				0.46
60.250	0.00	0.83	0.900	O				0.46
60.333	0.00	0.83	0.894	O				0.46
60.417	0.00	0.82	0.889	O				0.46
60.500	0.00	0.82	0.883	O				0.45
60.583	0.00	0.81	0.877	O				0.45
60.667	0.00	0.81	0.872	O				0.45
60.750	0.00	0.80	0.866	O				0.44
60.833	0.00	0.80	0.861	O				0.44
60.917	0.00	0.79	0.855	O				0.44
61.000	0.00	0.79	0.850	O				0.44
61.083	0.00	0.78	0.845	O				0.43
61.167	0.00	0.78	0.839	O				0.43
61.250	0.00	0.77	0.834	O				0.43
61.333	0.00	0.77	0.829	O				0.43
61.417	0.00	0.76	0.823	O				0.42
61.500	0.00	0.76	0.818	O				0.42
61.583	0.00	0.75	0.813	O				0.42
61.667	0.00	0.75	0.808	O				0.41
61.750	0.00	0.74	0.803	O				0.41
61.833	0.00	0.74	0.798	O				0.41
61.917	0.00	0.73	0.792	O				0.41
62.000	0.00	0.73	0.787	O				0.40

62.083	0.00	0.72	0.782	O				0.40
62.167	0.00	0.72	0.777	O				0.40
62.250	0.00	0.71	0.773	O				0.40
62.333	0.00	0.71	0.768	O				0.39
62.417	0.00	0.70	0.763	O				0.39
62.500	0.00	0.70	0.758	O				0.39
62.583	0.00	0.70	0.753	O				0.39
62.667	0.00	0.69	0.748	O				0.38
62.750	0.00	0.69	0.744	O				0.38
62.833	0.00	0.68	0.739	O				0.38
62.917	0.00	0.68	0.734	O				0.38
63.000	0.00	0.67	0.730	O				0.37
63.083	0.00	0.67	0.725	O				0.37
63.167	0.00	0.67	0.720	O				0.37
63.250	0.00	0.66	0.716	O				0.37
63.333	0.00	0.66	0.711	O				0.37
63.417	0.00	0.65	0.707	O				0.36
63.500	0.00	0.65	0.702	O				0.36
63.583	0.00	0.64	0.698	O				0.36
63.667	0.00	0.64	0.693	O				0.36
63.750	0.00	0.64	0.689	O				0.35
63.833	0.00	0.63	0.685	O				0.35
63.917	0.00	0.63	0.680	O				0.35
64.000	0.00	0.62	0.676	O				0.35
64.083	0.00	0.62	0.672	O				0.34
64.167	0.00	0.62	0.667	O				0.34
64.250	0.00	0.61	0.663	O				0.34
64.333	0.00	0.61	0.659	O				0.34
64.417	0.00	0.60	0.655	O				0.34
64.500	0.00	0.60	0.651	O				0.33
64.583	0.00	0.60	0.646	O				0.33
64.667	0.00	0.59	0.642	O				0.33
64.750	0.00	0.59	0.638	O				0.33
64.833	0.00	0.59	0.634	O				0.33
64.917	0.00	0.58	0.630	O				0.32
65.000	0.00	0.58	0.626	O				0.32
65.083	0.00	0.57	0.622	O				0.32
65.167	0.00	0.57	0.618	O				0.32
65.250	0.00	0.57	0.614	O				0.32
65.333	0.00	0.56	0.610	O				0.31
65.417	0.00	0.56	0.607	O				0.31
65.500	0.00	0.56	0.603	O				0.31
65.583	0.00	0.55	0.599	O				0.31
65.667	0.00	0.55	0.595	O				0.31
65.750	0.00	0.55	0.591	O				0.30
65.833	0.00	0.54	0.588	O				0.30
65.917	0.00	0.54	0.584	O				0.30
66.000	0.00	0.54	0.580	O				0.30
66.083	0.00	0.53	0.576	O				0.30
66.167	0.00	0.53	0.573	O				0.29
66.250	0.00	0.53	0.569	O				0.29
66.333	0.00	0.52	0.566	O				0.29
66.417	0.00	0.52	0.562	O				0.29
66.500	0.00	0.52	0.558	O				0.29
66.583	0.00	0.51	0.555	O				0.28
66.667	0.00	0.51	0.551	O				0.28
66.750	0.00	0.51	0.548	O				0.28
66.833	0.00	0.50	0.544	O				0.28
66.917	0.00	0.50	0.541	O				0.28
67.000	0.00	0.50	0.538	O				0.28
67.083	0.00	0.49	0.534	O				0.27
67.167	0.00	0.49	0.531	O				0.27
67.250	0.00	0.49	0.527	O				0.27

67.333	0.00	0.48	0.524	O				0.27
67.417	0.00	0.48	0.521	O				0.27
67.500	0.00	0.48	0.517	O				0.27
67.583	0.00	0.48	0.514	O				0.26
67.667	0.00	0.47	0.511	O				0.26
67.750	0.00	0.47	0.508	O				0.26
67.833	0.00	0.47	0.504	O				0.26
67.917	0.00	0.46	0.501	O				0.26
68.000	0.00	0.46	0.498	O				0.26
68.083	0.00	0.46	0.495	O				0.25
68.167	0.00	0.45	0.492	O				0.25
68.250	0.00	0.45	0.489	O				0.25
68.333	0.00	0.45	0.485	O				0.25
68.417	0.00	0.45	0.482	O				0.25
68.500	0.00	0.44	0.479	O				0.25
68.583	0.00	0.44	0.476	O				0.24
68.667	0.00	0.44	0.473	O				0.24
68.750	0.00	0.43	0.470	O				0.24
68.833	0.00	0.43	0.467	O				0.24
68.917	0.00	0.43	0.464	O				0.24
69.000	0.00	0.43	0.461	O				0.24
69.083	0.00	0.42	0.458	O				0.24
69.167	0.00	0.42	0.456	O				0.23
69.250	0.00	0.42	0.453	O				0.23
69.333	0.00	0.42	0.450	O				0.23
69.417	0.00	0.41	0.447	O				0.23
69.500	0.00	0.41	0.444	O				0.23
69.583	0.00	0.41	0.441	O				0.23
69.667	0.00	0.41	0.438	O				0.23
69.750	0.00	0.40	0.436	O				0.22
69.833	0.00	0.40	0.433	O				0.22
69.917	0.00	0.40	0.430	O				0.22
70.000	0.00	0.39	0.427	O				0.22
70.083	0.00	0.39	0.425	O				0.22
70.167	0.00	0.39	0.422	O				0.22
70.250	0.00	0.39	0.419	O				0.22
70.333	0.00	0.39	0.417	O				0.21
70.417	0.00	0.38	0.414	O				0.21
70.500	0.00	0.38	0.411	O				0.21
70.583	0.00	0.38	0.409	O				0.21
70.667	0.00	0.38	0.406	O				0.21
70.750	0.00	0.37	0.404	O				0.21
70.833	0.00	0.37	0.401	O				0.21
70.917	0.00	0.37	0.399	O				0.20
71.000	0.00	0.37	0.396	O				0.20
71.083	0.00	0.36	0.394	O				0.20
71.167	0.00	0.36	0.391	O				0.20
71.250	0.00	0.36	0.389	O				0.20
71.333	0.00	0.36	0.386	O				0.20
71.417	0.00	0.35	0.384	O				0.20
71.500	0.00	0.35	0.381	O				0.20
71.583	0.00	0.35	0.379	O				0.19
71.667	0.00	0.35	0.376	O				0.19
71.750	0.00	0.35	0.374	O				0.19
71.833	0.00	0.34	0.372	O				0.19
71.917	0.00	0.34	0.369	O				0.19
72.000	0.00	0.34	0.367	O				0.19
72.083	0.00	0.34	0.365	O				0.19
72.167	0.00	0.33	0.362	O				0.19
72.250	0.00	0.33	0.360	O				0.18
72.333	0.00	0.33	0.358	O				0.18
72.417	0.00	0.33	0.355	O				0.18
72.500	0.00	0.33	0.353	O				0.18

72.583	0.00	0.32	0.351	O				0.18
72.667	0.00	0.32	0.349	O				0.18
72.750	0.00	0.32	0.346	O				0.18
72.833	0.00	0.32	0.344	O				0.18
72.917	0.00	0.32	0.342	O				0.18
73.000	0.00	0.31	0.340	O				0.17
73.083	0.00	0.31	0.338	O				0.17
73.167	0.00	0.31	0.336	O				0.17
73.250	0.00	0.31	0.334	O				0.17
73.333	0.00	0.31	0.331	O				0.17
73.417	0.00	0.30	0.329	O				0.17
73.500	0.00	0.30	0.327	O				0.17
73.583	0.00	0.30	0.325	O				0.17
73.667	0.00	0.30	0.323	O				0.17
73.750	0.00	0.30	0.321	O				0.16
73.833	0.00	0.29	0.319	O				0.16
73.917	0.00	0.29	0.317	O				0.16
74.000	0.00	0.29	0.315	O				0.16
74.083	0.00	0.29	0.313	O				0.16
74.167	0.00	0.29	0.311	O				0.16
74.250	0.00	0.29	0.309	O				0.16
74.333	0.00	0.28	0.307	O				0.16
74.417	0.00	0.28	0.305	O				0.16
74.500	0.00	0.28	0.303	O				0.16
74.583	0.00	0.28	0.301	O				0.15
74.667	0.00	0.28	0.299	O				0.15
74.750	0.00	0.27	0.297	O				0.15
74.833	0.00	0.27	0.296	O				0.15
74.917	0.00	0.27	0.294	O				0.15
75.000	0.00	0.27	0.292	O				0.15
75.083	0.00	0.27	0.290	O				0.15
75.167	0.00	0.27	0.288	O				0.15
75.250	0.00	0.26	0.286	O				0.15
75.333	0.00	0.26	0.284	O				0.15
75.417	0.00	0.26	0.283	O				0.15
75.500	0.00	0.26	0.281	O				0.14
75.583	0.00	0.26	0.279	O				0.14
75.667	0.00	0.26	0.277	O				0.14
75.750	0.00	0.25	0.276	O				0.14
75.833	0.00	0.25	0.274	O				0.14
75.917	0.00	0.25	0.272	O				0.14
76.000	0.00	0.25	0.270	O				0.14
76.083	0.00	0.25	0.269	O				0.14
76.167	0.00	0.25	0.267	O				0.14
76.250	0.00	0.25	0.265	O				0.14
76.333	0.00	0.24	0.264	O				0.14
76.417	0.00	0.24	0.262	O				0.13
76.500	0.00	0.24	0.260	O				0.13
76.583	0.00	0.24	0.259	O				0.13
76.667	0.00	0.24	0.257	O				0.13
76.750	0.00	0.24	0.255	O				0.13
76.833	0.00	0.23	0.254	O				0.13
76.917	0.00	0.23	0.252	O				0.13
77.000	0.00	0.23	0.250	O				0.13
77.083	0.00	0.23	0.249	O				0.13
77.167	0.00	0.23	0.247	O				0.13
77.250	0.00	0.23	0.246	O				0.13
77.333	0.00	0.23	0.244	O				0.13
77.417	0.00	0.22	0.243	O				0.12
77.500	0.00	0.22	0.241	O				0.12
77.583	0.00	0.22	0.240	O				0.12
77.667	0.00	0.22	0.238	O				0.12
77.750	0.00	0.22	0.237	O				0.12

77.833	0.00	0.22	0.235	O				0.12
77.917	0.00	0.22	0.234	O				0.12
78.000	0.00	0.21	0.232	O				0.12
78.083	0.00	0.21	0.231	O				0.12
78.167	0.00	0.21	0.229	O				0.12
78.250	0.00	0.21	0.228	O				0.12
78.333	0.00	0.21	0.226	O				0.12
78.417	0.00	0.21	0.225	O				0.12
78.500	0.00	0.21	0.223	O				0.11
78.583	0.00	0.21	0.222	O				0.11
78.667	0.00	0.20	0.221	O				0.11
78.750	0.00	0.20	0.219	O				0.11
78.833	0.00	0.20	0.218	O				0.11
78.917	0.00	0.20	0.216	O				0.11
79.000	0.00	0.20	0.215	O				0.11
79.083	0.00	0.20	0.214	O				0.11
79.167	0.00	0.20	0.212	O				0.11
79.250	0.00	0.19	0.211	O				0.11
79.333	0.00	0.19	0.210	O				0.11
79.417	0.00	0.19	0.208	O				0.11
79.500	0.00	0.19	0.207	O				0.11
79.583	0.00	0.19	0.206	O				0.11
79.667	0.00	0.19	0.204	O				0.10
79.750	0.00	0.19	0.203	O				0.10
79.833	0.00	0.19	0.202	O				0.10
79.917	0.00	0.19	0.200	O				0.10
80.000	0.00	0.18	0.199	O				0.10
80.083	0.00	0.18	0.198	O				0.10
80.167	0.00	0.18	0.197	O				0.10
80.250	0.00	0.18	0.195	O				0.10
80.333	0.00	0.18	0.194	O				0.10
80.417	0.00	0.18	0.193	O				0.10
80.500	0.00	0.18	0.192	O				0.10
80.583	0.00	0.18	0.190	O				0.10
80.667	0.00	0.17	0.189	O				0.10
80.750	0.00	0.17	0.188	O				0.10
80.833	0.00	0.17	0.187	O				0.10
80.917	0.00	0.17	0.186	O				0.10
81.000	0.00	0.17	0.185	O				0.09
81.083	0.00	0.17	0.183	O				0.09
81.167	0.00	0.17	0.182	O				0.09
81.250	0.00	0.17	0.181	O				0.09
81.333	0.00	0.17	0.180	O				0.09
81.417	0.00	0.17	0.179	O				0.09
81.500	0.00	0.16	0.178	O				0.09
81.583	0.00	0.16	0.176	O				0.09
81.667	0.00	0.16	0.175	O				0.09
81.750	0.00	0.16	0.174	O				0.09
81.833	0.00	0.16	0.173	O				0.09
81.917	0.00	0.16	0.172	O				0.09
82.000	0.00	0.16	0.171	O				0.09
82.083	0.00	0.16	0.170	O				0.09
82.167	0.00	0.16	0.169	O				0.09
82.250	0.00	0.15	0.168	O				0.09
82.333	0.00	0.15	0.167	O				0.09
82.417	0.00	0.15	0.166	O				0.09
82.500	0.00	0.15	0.165	O				0.08
82.583	0.00	0.15	0.164	O				0.08
82.667	0.00	0.15	0.162	O				0.08
82.750	0.00	0.15	0.161	O				0.08
82.833	0.00	0.15	0.160	O				0.08
82.917	0.00	0.15	0.159	O				0.08
83.000	0.00	0.15	0.158	O				0.08

83.083	0.00	0.15	0.157	O				0.08
83.167	0.00	0.14	0.156	O				0.08
83.250	0.00	0.14	0.155	O				0.08
83.333	0.00	0.14	0.154	O				0.08
83.417	0.00	0.14	0.153	O				0.08
83.500	0.00	0.14	0.152	O				0.08
83.583	0.00	0.14	0.151	O				0.08
83.667	0.00	0.14	0.151	O				0.08
83.750	0.00	0.14	0.150	O				0.08
83.833	0.00	0.14	0.149	O				0.08
83.917	0.00	0.14	0.148	O				0.08
84.000	0.00	0.14	0.147	O				0.08
84.083	0.00	0.13	0.146	O				0.07
84.167	0.00	0.13	0.145	O				0.07
84.250	0.00	0.13	0.144	O				0.07
84.333	0.00	0.13	0.143	O				0.07
84.417	0.00	0.13	0.142	O				0.07
84.500	0.00	0.13	0.141	O				0.07
84.583	0.00	0.13	0.140	O				0.07
84.667	0.00	0.13	0.139	O				0.07
84.750	0.00	0.13	0.139	O				0.07
84.833	0.00	0.13	0.138	O				0.07
84.917	0.00	0.13	0.137	O				0.07
85.000	0.00	0.13	0.136	O				0.07
85.083	0.00	0.12	0.135	O				0.07
85.167	0.00	0.12	0.134	O				0.07
85.250	0.00	0.12	0.133	O				0.07
85.333	0.00	0.12	0.133	O				0.07
85.417	0.00	0.12	0.132	O				0.07
85.500	0.00	0.12	0.131	O				0.07
85.583	0.00	0.12	0.130	O				0.07
85.667	0.00	0.12	0.129	O				0.07
85.750	0.00	0.12	0.128	O				0.07
85.833	0.00	0.12	0.128	O				0.07
85.917	0.00	0.12	0.127	O				0.07
86.000	0.00	0.12	0.126	O				0.06
86.083	0.00	0.12	0.125	O				0.06
86.167	0.00	0.11	0.124	O				0.06
86.250	0.00	0.11	0.124	O				0.06
86.333	0.00	0.11	0.123	O				0.06
86.417	0.00	0.11	0.122	O				0.06
86.500	0.00	0.11	0.121	O				0.06
86.583	0.00	0.11	0.120	O				0.06
86.667	0.00	0.11	0.120	O				0.06
86.750	0.00	0.11	0.119	O				0.06
86.833	0.00	0.11	0.118	O				0.06
86.917	0.00	0.11	0.117	O				0.06
87.000	0.00	0.11	0.117	O				0.06
87.083	0.00	0.11	0.116	O				0.06
87.167	0.00	0.11	0.115	O				0.06
87.250	0.00	0.11	0.114	O				0.06
87.333	0.00	0.11	0.114	O				0.06
87.417	0.00	0.10	0.113	O				0.06
87.500	0.00	0.10	0.112	O				0.06
87.583	0.00	0.10	0.112	O				0.06
87.667	0.00	0.10	0.111	O				0.06
87.750	0.00	0.10	0.110	O				0.06
87.833	0.00	0.10	0.110	O				0.06
87.917	0.00	0.10	0.109	O				0.06
88.000	0.00	0.10	0.108	O				0.06
88.083	0.00	0.10	0.107	O				0.06
88.167	0.00	0.10	0.107	O				0.05
88.250	0.00	0.10	0.106	O				0.05

88.333	0.00	0.10	0.105	O				0.05
88.417	0.00	0.10	0.105	O				0.05
88.500	0.00	0.10	0.104	O				0.05
88.583	0.00	0.10	0.103	O				0.05
88.667	0.00	0.09	0.103	O				0.05
88.750	0.00	0.09	0.102	O				0.05
88.833	0.00	0.09	0.101	O				0.05
88.917	0.00	0.09	0.101	O				0.05
89.000	0.00	0.09	0.100	O				0.05
89.083	0.00	0.09	0.100	O				0.05
89.167	0.00	0.09	0.099	O				0.05
89.250	0.00	0.09	0.098	O				0.05
89.333	0.00	0.09	0.098	O				0.05
89.417	0.00	0.09	0.097	O				0.05
89.500	0.00	0.09	0.096	O				0.05
89.583	0.00	0.09	0.096	O				0.05
89.667	0.00	0.09	0.095	O				0.05
89.750	0.00	0.09	0.095	O				0.05
89.833	0.00	0.09	0.094	O				0.05
89.917	0.00	0.09	0.093	O				0.05
90.000	0.00	0.09	0.093	O				0.05
90.083	0.00	0.09	0.092	O				0.05
90.167	0.00	0.08	0.092	O				0.05
90.250	0.00	0.08	0.091	O				0.05
90.333	0.00	0.08	0.090	O				0.05
90.417	0.00	0.08	0.090	O				0.05
90.500	0.00	0.08	0.089	O				0.05
90.583	0.00	0.08	0.089	O				0.05
90.667	0.00	0.08	0.088	O				0.05
90.750	0.00	0.08	0.088	O				0.04
90.833	0.00	0.08	0.087	O				0.04
90.917	0.00	0.08	0.087	O				0.04
91.000	0.00	0.08	0.086	O				0.04
91.083	0.00	0.08	0.085	O				0.04
91.167	0.00	0.08	0.085	O				0.04
91.250	0.00	0.08	0.084	O				0.04
91.333	0.00	0.08	0.084	O				0.04
91.417	0.00	0.08	0.083	O				0.04
91.500	0.00	0.08	0.083	O				0.04
91.583	0.00	0.08	0.082	O				0.04
91.667	0.00	0.08	0.082	O				0.04
91.750	0.00	0.08	0.081	O				0.04
91.833	0.00	0.07	0.081	O				0.04
91.917	0.00	0.07	0.080	O				0.04
92.000	0.00	0.07	0.080	O				0.04
92.083	0.00	0.07	0.079	O				0.04
92.167	0.00	0.07	0.079	O				0.04
92.250	0.00	0.07	0.078	O				0.04
92.333	0.00	0.07	0.078	O				0.04
92.417	0.00	0.07	0.077	O				0.04
92.500	0.00	0.07	0.077	O				0.04
92.583	0.00	0.07	0.076	O				0.04
92.667	0.00	0.07	0.076	O				0.04
92.750	0.00	0.07	0.075	O				0.04
92.833	0.00	0.07	0.075	O				0.04
92.917	0.00	0.07	0.074	O				0.04
93.000	0.00	0.07	0.074	O				0.04
93.083	0.00	0.07	0.073	O				0.04
93.167	0.00	0.07	0.073	O				0.04
93.250	0.00	0.07	0.072	O				0.04
93.333	0.00	0.07	0.072	O				0.04
93.417	0.00	0.07	0.071	O				0.04
93.500	0.00	0.07	0.071	O				0.04

93.583	0.00	0.07	0.071	O				0.04
93.667	0.00	0.06	0.070	O				0.04
93.750	0.00	0.06	0.070	O				0.04
93.833	0.00	0.06	0.069	O				0.04
93.917	0.00	0.06	0.069	O				0.04
94.000	0.00	0.06	0.068	O				0.04
94.083	0.00	0.06	0.068	O				0.03
94.167	0.00	0.06	0.068	O				0.03
94.250	0.00	0.06	0.067	O				0.03
94.333	0.00	0.06	0.067	O				0.03
94.417	0.00	0.06	0.066	O				0.03
94.500	0.00	0.06	0.066	O				0.03
94.583	0.00	0.06	0.065	O				0.03
94.667	0.00	0.06	0.065	O				0.03
94.750	0.00	0.06	0.065	O				0.03
94.833	0.00	0.06	0.064	O				0.03
94.917	0.00	0.06	0.064	O				0.03
95.000	0.00	0.06	0.063	O				0.03
95.083	0.00	0.06	0.063	O				0.03
95.167	0.00	0.06	0.063	O				0.03
95.250	0.00	0.06	0.062	O				0.03
95.333	0.00	0.06	0.062	O				0.03
95.417	0.00	0.06	0.061	O				0.03
95.500	0.00	0.06	0.061	O				0.03
95.583	0.00	0.06	0.061	O				0.03
95.667	0.00	0.06	0.060	O				0.03
95.750	0.00	0.06	0.060	O				0.03
95.833	0.00	0.05	0.059	O				0.03
95.917	0.00	0.05	0.059	O				0.03
96.000	0.00	0.05	0.059	O				0.03
96.083	0.00	0.05	0.058	O				0.03
96.167	0.00	0.05	0.058	O				0.03
96.250	0.00	0.05	0.058	O				0.03
96.333	0.00	0.05	0.057	O				0.03
96.417	0.00	0.05	0.057	O				0.03
96.500	0.00	0.05	0.056	O				0.03
96.583	0.00	0.05	0.056	O				0.03
96.667	0.00	0.05	0.056	O				0.03
96.750	0.00	0.05	0.055	O				0.03
96.833	0.00	0.05	0.055	O				0.03
96.917	0.00	0.05	0.055	O				0.03
97.000	0.00	0.05	0.054	O				0.03
97.083	0.00	0.05	0.054	O				0.03
97.167	0.00	0.05	0.054	O				0.03
97.250	0.00	0.05	0.053	O				0.03
97.333	0.00	0.05	0.053	O				0.03
97.417	0.00	0.05	0.053	O				0.03
97.500	0.00	0.05	0.052	O				0.03
97.583	0.00	0.05	0.052	O				0.03
97.667	0.00	0.05	0.052	O				0.03
97.750	0.00	0.05	0.051	O				0.03
97.833	0.00	0.05	0.051	O				0.03
97.917	0.00	0.05	0.051	O				0.03
98.000	0.00	0.05	0.050	O				0.03
98.083	0.00	0.05	0.050	O				0.03
98.167	0.00	0.05	0.050	O				0.03
98.250	0.00	0.05	0.049	O				0.03
98.333	0.00	0.05	0.049	O				0.03
98.417	0.00	0.05	0.049	O				0.03
98.500	0.00	0.04	0.048	O				0.02
98.583	0.00	0.04	0.048	O				0.02
98.667	0.00	0.04	0.048	O				0.02
98.750	0.00	0.04	0.048	O				0.02

98.833	0.00	0.04	0.047	O				0.02
98.917	0.00	0.04	0.047	O				0.02
99.000	0.00	0.04	0.047	O				0.02
99.083	0.00	0.04	0.046	O				0.02
99.167	0.00	0.04	0.046	O				0.02
99.250	0.00	0.04	0.046	O				0.02
99.333	0.00	0.04	0.046	O				0.02
99.417	0.00	0.04	0.045	O				0.02
99.500	0.00	0.04	0.045	O				0.02
99.583	0.00	0.04	0.045	O				0.02
99.667	0.00	0.04	0.044	O				0.02
99.750	0.00	0.04	0.044	O				0.02
99.833	0.00	0.04	0.044	O				0.02
99.917	0.00	0.04	0.044	O				0.02
100.000	0.00	0.04	0.043	O				0.02
100.083	0.00	0.04	0.043	O				0.02
100.167	0.00	0.04	0.043	O				0.02
100.250	0.00	0.04	0.042	O				0.02
100.333	0.00	0.04	0.042	O				0.02
100.417	0.00	0.04	0.042	O				0.02
100.500	0.00	0.04	0.042	O				0.02
100.583	0.00	0.04	0.041	O				0.02
100.667	0.00	0.04	0.041	O				0.02
100.750	0.00	0.04	0.041	O				0.02
100.833	0.00	0.04	0.041	O				0.02
100.917	0.00	0.04	0.040	O				0.02
101.000	0.00	0.04	0.040	O				0.02
101.083	0.00	0.04	0.040	O				0.02
101.167	0.00	0.04	0.040	O				0.02
101.250	0.00	0.04	0.039	O				0.02
101.333	0.00	0.04	0.039	O				0.02
101.417	0.00	0.04	0.039	O				0.02
101.500	0.00	0.04	0.039	O				0.02
101.583	0.00	0.04	0.038	O				0.02
101.667	0.00	0.04	0.038	O				0.02
101.750	0.00	0.03	0.038	O				0.02
101.833	0.00	0.03	0.038	O				0.02
101.917	0.00	0.03	0.037	O				0.02
102.000	0.00	0.03	0.037	O				0.02
102.083	0.00	0.03	0.037	O				0.02
102.167	0.00	0.03	0.037	O				0.02
102.250	0.00	0.03	0.036	O				0.02
102.333	0.00	0.03	0.036	O				0.02
102.417	0.00	0.03	0.036	O				0.02
102.500	0.00	0.03	0.036	O				0.02
102.583	0.00	0.03	0.036	O				0.02
102.667	0.00	0.03	0.035	O				0.02
102.750	0.00	0.03	0.035	O				0.02
102.833	0.00	0.03	0.035	O				0.02
102.917	0.00	0.03	0.035	O				0.02
103.000	0.00	0.03	0.034	O				0.02
103.083	0.00	0.03	0.034	O				0.02
103.167	0.00	0.03	0.034	O				0.02
103.250	0.00	0.03	0.034	O				0.02
103.333	0.00	0.03	0.034	O				0.02
103.417	0.00	0.03	0.033	O				0.02
103.500	0.00	0.03	0.033	O				0.02
103.583	0.00	0.03	0.033	O				0.02
103.667	0.00	0.03	0.033	O				0.02
103.750	0.00	0.03	0.032	O				0.02
103.833	0.00	0.03	0.032	O				0.02
103.917	0.00	0.03	0.032	O				0.02
104.000	0.00	0.03	0.032	O				0.02

104.083	0.00	0.03	0.032	O				0.02
104.167	0.00	0.03	0.031	O				0.02
104.250	0.00	0.03	0.031	O				0.02
104.333	0.00	0.03	0.031	O				0.02
104.417	0.00	0.03	0.031	O				0.02
104.500	0.00	0.03	0.031	O				0.02
104.583	0.00	0.03	0.030	O				0.02
104.667	0.00	0.03	0.030	O				0.02
104.750	0.00	0.03	0.030	O				0.02
104.833	0.00	0.03	0.030	O				0.02
104.917	0.00	0.03	0.030	O				0.02
105.000	0.00	0.03	0.030	O				0.02
105.083	0.00	0.03	0.029	O				0.02
105.167	0.00	0.03	0.029	O				0.01
105.250	0.00	0.03	0.029	O				0.01
105.333	0.00	0.03	0.029	O				0.01
105.417	0.00	0.03	0.029	O				0.01
105.500	0.00	0.03	0.028	O				0.01
105.583	0.00	0.03	0.028	O				0.01
105.667	0.00	0.03	0.028	O				0.01
105.750	0.00	0.03	0.028	O				0.01
105.833	0.00	0.03	0.028	O				0.01
105.917	0.00	0.03	0.028	O				0.01
106.000	0.00	0.03	0.027	O				0.01
106.083	0.00	0.03	0.027	O				0.01
106.167	0.00	0.02	0.027	O				0.01
106.250	0.00	0.02	0.027	O				0.01
106.333	0.00	0.02	0.027	O				0.01
106.417	0.00	0.02	0.026	O				0.01
106.500	0.00	0.02	0.026	O				0.01
106.583	0.00	0.02	0.026	O				0.01
106.667	0.00	0.02	0.026	O				0.01
106.750	0.00	0.02	0.026	O				0.01
106.833	0.00	0.02	0.026	O				0.01
106.917	0.00	0.02	0.025	O				0.01
107.000	0.00	0.02	0.025	O				0.01
107.083	0.00	0.02	0.025	O				0.01
107.167	0.00	0.02	0.025	O				0.01
107.250	0.00	0.02	0.025	O				0.01
107.333	0.00	0.02	0.025	O				0.01
107.417	0.00	0.02	0.025	O				0.01
107.500	0.00	0.02	0.024	O				0.01
107.583	0.00	0.02	0.024	O				0.01
107.667	0.00	0.02	0.024	O				0.01
107.750	0.00	0.02	0.024	O				0.01
107.833	0.00	0.02	0.024	O				0.01
107.917	0.00	0.02	0.024	O				0.01
108.000	0.00	0.02	0.023	O				0.01
108.083	0.00	0.02	0.023	O				0.01
108.167	0.00	0.02	0.023	O				0.01
108.250	0.00	0.02	0.023	O				0.01
108.333	0.00	0.02	0.023	O				0.01
108.417	0.00	0.02	0.023	O				0.01
108.500	0.00	0.02	0.023	O				0.01
108.583	0.00	0.02	0.022	O				0.01
108.667	0.00	0.02	0.022	O				0.01
108.750	0.00	0.02	0.022	O				0.01
108.833	0.00	0.02	0.022	O				0.01
108.917	0.00	0.02	0.022	O				0.01
109.000	0.00	0.02	0.022	O				0.01
109.083	0.00	0.02	0.022	O				0.01
109.167	0.00	0.02	0.021	O				0.01
109.250	0.00	0.02	0.021	O				0.01

109.333	0.00	0.02	0.021	O				0.01
109.417	0.00	0.02	0.021	O				0.01
109.500	0.00	0.02	0.021	O				0.01
109.583	0.00	0.02	0.021	O				0.01
109.667	0.00	0.02	0.021	O				0.01
109.750	0.00	0.02	0.021	O				0.01
109.833	0.00	0.02	0.020	O				0.01
109.917	0.00	0.02	0.020	O				0.01
110.000	0.00	0.02	0.020	O				0.01
110.083	0.00	0.02	0.020	O				0.01
110.167	0.00	0.02	0.020	O				0.01
110.250	0.00	0.02	0.020	O				0.01
110.333	0.00	0.02	0.020	O				0.01
110.417	0.00	0.02	0.020	O				0.01
110.500	0.00	0.02	0.019	O				0.01
110.583	0.00	0.02	0.019	O				0.01
110.667	0.00	0.02	0.019	O				0.01
110.750	0.00	0.02	0.019	O				0.01
110.833	0.00	0.02	0.019	O				0.01
110.917	0.00	0.02	0.019	O				0.01
111.000	0.00	0.02	0.019	O				0.01
111.083	0.00	0.02	0.019	O				0.01
111.167	0.00	0.02	0.018	O				0.01
111.250	0.00	0.02	0.018	O				0.01
111.333	0.00	0.02	0.018	O				0.01
111.417	0.00	0.02	0.018	O				0.01
111.500	0.00	0.02	0.018	O				0.01
111.583	0.00	0.02	0.018	O				0.01
111.667	0.00	0.02	0.018	O				0.01
111.750	0.00	0.02	0.018	O				0.01
111.833	0.00	0.02	0.018	O				0.01
111.917	0.00	0.02	0.017	O				0.01
112.000	0.00	0.02	0.017	O				0.01
112.083	0.00	0.02	0.017	O				0.01
112.167	0.00	0.02	0.017	O				0.01
112.250	0.00	0.02	0.017	O				0.01
112.333	0.00	0.02	0.017	O				0.01
112.417	0.00	0.02	0.017	O				0.01
112.500	0.00	0.02	0.017	O				0.01
112.583	0.00	0.02	0.017	O				0.01
112.667	0.00	0.02	0.016	O				0.01
112.750	0.00	0.02	0.016	O				0.01
112.833	0.00	0.01	0.016	O				0.01
112.917	0.00	0.01	0.016	O				0.01
113.000	0.00	0.01	0.016	O				0.01
113.083	0.00	0.01	0.016	O				0.01
113.167	0.00	0.01	0.016	O				0.01
113.250	0.00	0.01	0.016	O				0.01
113.333	0.00	0.01	0.016	O				0.01
113.417	0.00	0.01	0.016	O				0.01
113.500	0.00	0.01	0.015	O				0.01
113.583	0.00	0.01	0.015	O				0.01
113.667	0.00	0.01	0.015	O				0.01
113.750	0.00	0.01	0.015	O				0.01
113.833	0.00	0.01	0.015	O				0.01
113.917	0.00	0.01	0.015	O				0.01
114.000	0.00	0.01	0.015	O				0.01
114.083	0.00	0.01	0.015	O				0.01
114.167	0.00	0.01	0.015	O				0.01
114.250	0.00	0.01	0.015	O				0.01
114.333	0.00	0.01	0.014	O				0.01
114.417	0.00	0.01	0.014	O				0.01
114.500	0.00	0.01	0.014	O				0.01

114.583	0.00	0.01	0.014	O				0.01
114.667	0.00	0.01	0.014	O				0.01
114.750	0.00	0.01	0.014	O				0.01
114.833	0.00	0.01	0.014	O				0.01
114.917	0.00	0.01	0.014	O				0.01
115.000	0.00	0.01	0.014	O				0.01
115.083	0.00	0.01	0.014	O				0.01
115.167	0.00	0.01	0.014	O				0.01
115.250	0.00	0.01	0.013	O				0.01
115.333	0.00	0.01	0.013	O				0.01
115.417	0.00	0.01	0.013	O				0.01
115.500	0.00	0.01	0.013	O				0.01
115.583	0.00	0.01	0.013	O				0.01
115.667	0.00	0.01	0.013	O				0.01
115.750	0.00	0.01	0.013	O				0.01
115.833	0.00	0.01	0.013	O				0.01
115.917	0.00	0.01	0.013	O				0.01
116.000	0.00	0.01	0.013	O				0.01
116.083	0.00	0.01	0.013	O				0.01
116.167	0.00	0.01	0.013	O				0.01
116.250	0.00	0.01	0.013	O				0.01
116.333	0.00	0.01	0.012	O				0.01
116.417	0.00	0.01	0.012	O				0.01
116.500	0.00	0.01	0.012	O				0.01
116.583	0.00	0.01	0.012	O				0.01
116.667	0.00	0.01	0.012	O				0.01
116.750	0.00	0.01	0.012	O				0.01
116.833	0.00	0.01	0.012	O				0.01
116.917	0.00	0.01	0.012	O				0.01
117.000	0.00	0.01	0.012	O				0.01
117.083	0.00	0.01	0.012	O				0.01
117.167	0.00	0.01	0.012	O				0.01
117.250	0.00	0.01	0.012	O				0.01
117.333	0.00	0.01	0.012	O				0.01
117.417	0.00	0.01	0.011	O				0.01
117.500	0.00	0.01	0.011	O				0.01
117.583	0.00	0.01	0.011	O				0.01
117.667	0.00	0.01	0.011	O				0.01
117.750	0.00	0.01	0.011	O				0.01
117.833	0.00	0.01	0.011	O				0.01
117.917	0.00	0.01	0.011	O				0.01
118.000	0.00	0.01	0.011	O				0.01
118.083	0.00	0.01	0.011	O				0.01
118.167	0.00	0.01	0.011	O				0.01
118.250	0.00	0.01	0.011	O				0.01
118.333	0.00	0.01	0.011	O				0.01
118.417	0.00	0.01	0.011	O				0.01
118.500	0.00	0.01	0.011	O				0.01
118.583	0.00	0.01	0.010	O				0.01
118.667	0.00	0.01	0.010	O				0.01
118.750	0.00	0.01	0.010	O				0.01
118.833	0.00	0.01	0.010	O				0.01
118.917	0.00	0.01	0.010	O				0.01
119.000	0.00	0.01	0.010	O				0.01
119.083	0.00	0.01	0.010	O				0.01
119.167	0.00	0.01	0.010	O				0.01
119.250	0.00	0.01	0.010	O				0.01
119.333	0.00	0.01	0.010	O				0.01
119.417	0.00	0.01	0.010	O				0.01
119.500	0.00	0.01	0.010	O				0.01
119.583	0.00	0.01	0.010	O				0.00
119.667	0.00	0.01	0.010	O				0.00
119.750	0.00	0.01	0.010	O				0.00

119.833	0.00	0.01	0.010	O					0.00
119.917	0.00	0.01	0.009	O					0.00
120.000	0.00	0.01	0.009	O					0.00
120.083	0.00	0.01	0.009	O					0.00
120.167	0.00	0.01	0.009	O					0.00
120.250	0.00	0.01	0.009	O					0.00
120.333	0.00	0.01	0.009	O					0.00
120.417	0.00	0.01	0.009	O					0.00
120.500	0.00	0.01	0.009	O					0.00
120.583	0.00	0.01	0.009	O					0.00
120.667	0.00	0.01	0.009	O					0.00
120.750	0.00	0.01	0.009	O					0.00
120.833	0.00	0.01	0.009	O					0.00
120.917	0.00	0.01	0.009	O					0.00
121.000	0.00	0.01	0.009	O					0.00
121.083	0.00	0.01	0.009	O					0.00
121.167	0.00	0.01	0.009	O					0.00
121.250	0.00	0.01	0.009	O					0.00
121.333	0.00	0.01	0.008	O					0.00
121.417	0.00	0.01	0.008	O					0.00
121.500	0.00	0.01	0.008	O					0.00
121.583	0.00	0.01	0.008	O					0.00
121.667	0.00	0.01	0.008	O					0.00
121.750	0.00	0.01	0.008	O					0.00
121.833	0.00	0.01	0.008	O					0.00
121.917	0.00	0.01	0.008	O					0.00
122.000	0.00	0.01	0.008	O					0.00
122.083	0.00	0.01	0.008	O					0.00
122.167	0.00	0.01	0.008	O					0.00
122.250	0.00	0.01	0.008	O					0.00
122.333	0.00	0.01	0.008	O					0.00
122.417	0.00	0.01	0.008	O					0.00
122.500	0.00	0.01	0.008	O					0.00
122.583	0.00	0.01	0.008	O					0.00
122.667	0.00	0.01	0.008	O					0.00
122.750	0.00	0.01	0.008	O					0.00
122.833	0.00	0.01	0.008	O					0.00
122.917	0.00	0.01	0.008	O					0.00
123.000	0.00	0.01	0.007	O					0.00
123.083	0.00	0.01	0.007	O					0.00
123.167	0.00	0.01	0.007	O					0.00
123.250	0.00	0.01	0.007	O					0.00
123.333	0.00	0.01	0.007	O					0.00
123.417	0.00	0.01	0.007	O					0.00
123.500	0.00	0.01	0.007	O					0.00
123.583	0.00	0.01	0.007	O					0.00
123.667	0.00	0.01	0.007	O					0.00
123.750	0.00	0.01	0.007	O					0.00
123.833	0.00	0.01	0.007	O					0.00
123.917	0.00	0.01	0.007	O					0.00
124.000	0.00	0.01	0.007	O					0.00
124.083	0.00	0.01	0.007	O					0.00
124.167	0.00	0.01	0.007	O					0.00
124.250	0.00	0.01	0.007	O					0.00
124.333	0.00	0.01	0.007	O					0.00
124.417	0.00	0.01	0.007	O					0.00
124.500	0.00	0.01	0.007	O					0.00
124.583	0.00	0.01	0.007	O					0.00
124.667	0.00	0.01	0.007	O					0.00
124.750	0.00	0.01	0.007	O					0.00
124.833	0.00	0.01	0.006	O					0.00
124.917	0.00	0.01	0.006	O					0.00
125.000	0.00	0.01	0.006	O					0.00

125.083	0.00	0.01	0.006	O					0.00
125.167	0.00	0.01	0.006	O					0.00
125.250	0.00	0.01	0.006	O					0.00
125.333	0.00	0.01	0.006	O					0.00
125.417	0.00	0.01	0.006	O					0.00
125.500	0.00	0.01	0.006	O					0.00
125.583	0.00	0.01	0.006	O					0.00
125.667	0.00	0.01	0.006	O					0.00
125.750	0.00	0.01	0.006	O					0.00
125.833	0.00	0.01	0.006	O					0.00
125.917	0.00	0.01	0.006	O					0.00
126.000	0.00	0.01	0.006	O					0.00
126.083	0.00	0.01	0.006	O					0.00
126.167	0.00	0.01	0.006	O					0.00
126.250	0.00	0.01	0.006	O					0.00
126.333	0.00	0.01	0.006	O					0.00
126.417	0.00	0.01	0.006	O					0.00
126.500	0.00	0.01	0.006	O					0.00
126.583	0.00	0.01	0.006	O					0.00
126.667	0.00	0.01	0.006	O					0.00
126.750	0.00	0.01	0.006	O					0.00
126.833	0.00	0.01	0.006	O					0.00
126.917	0.00	0.01	0.006	O					0.00
127.000	0.00	0.01	0.006	O					0.00
127.083	0.00	0.01	0.005	O					0.00
127.167	0.00	0.01	0.005	O					0.00
127.250	0.00	0.00	0.005	O					0.00
127.333	0.00	0.00	0.005	O					0.00
127.417	0.00	0.00	0.005	O					0.00
127.500	0.00	0.00	0.005	O					0.00
127.583	0.00	0.00	0.005	O					0.00
127.667	0.00	0.00	0.005	O					0.00
127.750	0.00	0.00	0.005	O					0.00
127.833	0.00	0.00	0.005	O					0.00
127.917	0.00	0.00	0.005	O					0.00
128.000	0.00	0.00	0.005	O					0.00
128.083	0.00	0.00	0.005	O					0.00
128.167	0.00	0.00	0.005	O					0.00
128.250	0.00	0.00	0.005	O					0.00
128.333	0.00	0.00	0.005	O					0.00
128.417	0.00	0.00	0.005	O					0.00
128.500	0.00	0.00	0.005	O					0.00
128.583	0.00	0.00	0.005	O					0.00
128.667	0.00	0.00	0.005	O					0.00
128.750	0.00	0.00	0.005	O					0.00
128.833	0.00	0.00	0.005	O					0.00
128.917	0.00	0.00	0.005	O					0.00
129.000	0.00	0.00	0.005	O					0.00
129.083	0.00	0.00	0.005	O					0.00
129.167	0.00	0.00	0.005	O					0.00
129.250	0.00	0.00	0.005	O					0.00
129.333	0.00	0.00	0.005	O					0.00
129.417	0.00	0.00	0.005	O					0.00
129.500	0.00	0.00	0.005	O					0.00
129.583	0.00	0.00	0.005	O					0.00
129.667	0.00	0.00	0.004	O					0.00
129.750	0.00	0.00	0.004	O					0.00
129.833	0.00	0.00	0.004	O					0.00
129.917	0.00	0.00	0.004	O					0.00
130.000	0.00	0.00	0.004	O					0.00
130.083	0.00	0.00	0.004	O					0.00
130.167	0.00	0.00	0.004	O					0.00
130.250	0.00	0.00	0.004	O					0.00

130.333	0.00	0.00	0.004	O					0.00
130.417	0.00	0.00	0.004	O					0.00
130.500	0.00	0.00	0.004	O					0.00
130.583	0.00	0.00	0.004	O					0.00
130.667	0.00	0.00	0.004	O					0.00
130.750	0.00	0.00	0.004	O					0.00
130.833	0.00	0.00	0.004	O					0.00
130.917	0.00	0.00	0.004	O					0.00
131.000	0.00	0.00	0.004	O					0.00
131.083	0.00	0.00	0.004	O					0.00
131.167	0.00	0.00	0.004	O					0.00
131.250	0.00	0.00	0.004	O					0.00
131.333	0.00	0.00	0.004	O					0.00
131.417	0.00	0.00	0.004	O					0.00
131.500	0.00	0.00	0.004	O					0.00
131.583	0.00	0.00	0.004	O					0.00
131.667	0.00	0.00	0.004	O					0.00
131.750	0.00	0.00	0.004	O					0.00
131.833	0.00	0.00	0.004	O					0.00
131.917	0.00	0.00	0.004	O					0.00
132.000	0.00	0.00	0.004	O					0.00
132.083	0.00	0.00	0.004	O					0.00
132.167	0.00	0.00	0.004	O					0.00
132.250	0.00	0.00	0.004	O					0.00
132.333	0.00	0.00	0.004	O					0.00
132.417	0.00	0.00	0.004	O					0.00
132.500	0.00	0.00	0.004	O					0.00
132.583	0.00	0.00	0.004	O					0.00
132.667	0.00	0.00	0.004	O					0.00
132.750	0.00	0.00	0.004	O					0.00
132.833	0.00	0.00	0.004	O					0.00
132.917	0.00	0.00	0.004	O					0.00
133.000	0.00	0.00	0.003	O					0.00
133.083	0.00	0.00	0.003	O					0.00
133.167	0.00	0.00	0.003	O					0.00
133.250	0.00	0.00	0.003	O					0.00
133.333	0.00	0.00	0.003	O					0.00
133.417	0.00	0.00	0.003	O					0.00
133.500	0.00	0.00	0.003	O					0.00
133.583	0.00	0.00	0.003	O					0.00
133.667	0.00	0.00	0.003	O					0.00
133.750	0.00	0.00	0.003	O					0.00
133.833	0.00	0.00	0.003	O					0.00
133.917	0.00	0.00	0.003	O					0.00
134.000	0.00	0.00	0.003	O					0.00
134.083	0.00	0.00	0.003	O					0.00
134.167	0.00	0.00	0.003	O					0.00
134.250	0.00	0.00	0.003	O					0.00
134.333	0.00	0.00	0.003	O					0.00
134.417	0.00	0.00	0.003	O					0.00
134.500	0.00	0.00	0.003	O					0.00
134.583	0.00	0.00	0.003	O					0.00
134.667	0.00	0.00	0.003	O					0.00
134.750	0.00	0.00	0.003	O					0.00
134.833	0.00	0.00	0.003	O					0.00
134.917	0.00	0.00	0.003	O					0.00
135.000	0.00	0.00	0.003	O					0.00
135.083	0.00	0.00	0.003	O					0.00
135.167	0.00	0.00	0.003	O					0.00
135.250	0.00	0.00	0.003	O					0.00
135.333	0.00	0.00	0.003	O					0.00
135.417	0.00	0.00	0.003	O					0.00
135.500	0.00	0.00	0.003	O					0.00

135.583	0.00	0.00	0.003	O					0.00
135.667	0.00	0.00	0.003	O					0.00
135.750	0.00	0.00	0.003	O					0.00
135.833	0.00	0.00	0.003	O					0.00
135.917	0.00	0.00	0.003	O					0.00
136.000	0.00	0.00	0.003	O					0.00
136.083	0.00	0.00	0.003	O					0.00
136.167	0.00	0.00	0.003	O					0.00
136.250	0.00	0.00	0.003	O					0.00
136.333	0.00	0.00	0.003	O					0.00
136.417	0.00	0.00	0.003	O					0.00
136.500	0.00	0.00	0.003	O					0.00
136.583	0.00	0.00	0.003	O					0.00
136.667	0.00	0.00	0.003	O					0.00
136.750	0.00	0.00	0.003	O					0.00
136.833	0.00	0.00	0.003	O					0.00
136.917	0.00	0.00	0.003	O					0.00
137.000	0.00	0.00	0.003	O					0.00
137.083	0.00	0.00	0.003	O					0.00
137.167	0.00	0.00	0.003	O					0.00
137.250	0.00	0.00	0.003	O					0.00
137.333	0.00	0.00	0.002	O					0.00
137.417	0.00	0.00	0.002	O					0.00
137.500	0.00	0.00	0.002	O					0.00
137.583	0.00	0.00	0.002	O					0.00
137.667	0.00	0.00	0.002	O					0.00
137.750	0.00	0.00	0.002	O					0.00
137.833	0.00	0.00	0.002	O					0.00
137.917	0.00	0.00	0.002	O					0.00
138.000	0.00	0.00	0.002	O					0.00
138.083	0.00	0.00	0.002	O					0.00
138.167	0.00	0.00	0.002	O					0.00
138.250	0.00	0.00	0.002	O					0.00
138.333	0.00	0.00	0.002	O					0.00
138.417	0.00	0.00	0.002	O					0.00
138.500	0.00	0.00	0.002	O					0.00
138.583	0.00	0.00	0.002	O					0.00
138.667	0.00	0.00	0.002	O					0.00
138.750	0.00	0.00	0.002	O					0.00
138.833	0.00	0.00	0.002	O					0.00
138.917	0.00	0.00	0.002	O					0.00
139.000	0.00	0.00	0.002	O					0.00
139.083	0.00	0.00	0.002	O					0.00
139.167	0.00	0.00	0.002	O					0.00
139.250	0.00	0.00	0.002	O					0.00
139.333	0.00	0.00	0.002	O					0.00
139.417	0.00	0.00	0.002	O					0.00
139.500	0.00	0.00	0.002	O					0.00
139.583	0.00	0.00	0.002	O					0.00
139.667	0.00	0.00	0.002	O					0.00
139.750	0.00	0.00	0.002	O					0.00
139.833	0.00	0.00	0.002	O					0.00
139.917	0.00	0.00	0.002	O					0.00
140.000	0.00	0.00	0.002	O					0.00
140.083	0.00	0.00	0.002	O					0.00
140.167	0.00	0.00	0.002	O					0.00
140.250	0.00	0.00	0.002	O					0.00
140.333	0.00	0.00	0.002	O					0.00
140.417	0.00	0.00	0.002	O					0.00
140.500	0.00	0.00	0.002	O					0.00
140.583	0.00	0.00	0.002	O					0.00
140.667	0.00	0.00	0.002	O					0.00

```
Remaining water in basin =    0.00 (Ac.Ft)


****************************HYDROGRAPH DATA****************************
             Number of intervals =  1688
             Time interval =    5.0 (Min.)
             Maximum/Peak flow rate =       36.434 (CFS)
             Total volume =      23.729 (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
*******************************************************************************

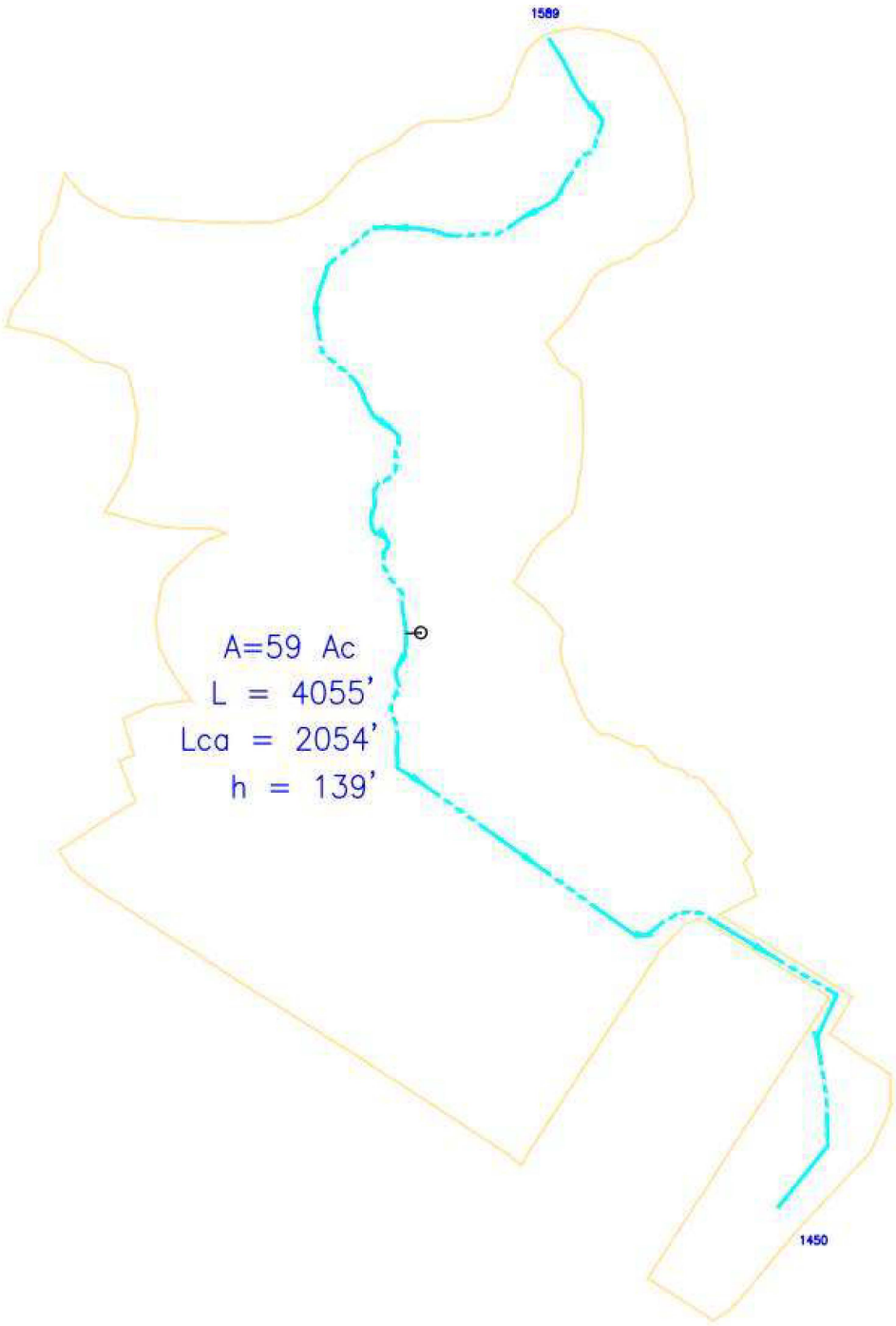
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ATTACHMENT H:

INFLOW HYDROGRAPHS
DRAINAGE AREAS F AND G
PROPOSED CONDITIONS

INFLOW HYDROGRAPHS PROPOSED CONDITION

Drainage Area F (Existing off-site and Proposed on-site) and Drainage Area G



Drainage Area F (Existing off-site and Proposed on-site)

```
      U n i t   H y d r o g r a p h   A n a l y s i s

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            Study date  04/09/24 File: 907hydbpr1100.out

++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
------------------------------------------------------------------------------

Riverside County Synthetic Unit Hydrology Method
RCFC & WCD Manual date - April 1978


Program License Serial Number 4029

------------------------------------------------------------------------
 English (in-lb) Input Units Used
 English Rainfall Data (Inches) Input Values Used

 English Units used in output format




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

Keller Crossing, Tr. 38163
Hydrology Area F (Existing offsite and Proposed on-site) = 59.0 Ac
100-year 1-hour storm


---------------------------------------------------------------------
Drainage Area =      59.00(Ac.)  =      0.092 Sq. Mi.
Drainage Area for Depth-Area Areal Adjustment =      59.00(Ac.)  =      0.092 Sq. Mi.
Length along longest watercourse =    4055.00(Ft.)
Length along longest watercourse measured to centroid =    2054.00(Ft.)
Length along longest watercourse =      0.768 Mi.
Length along longest watercourse measured to centroid =      0.389 Mi.
Difference in elevation =     139.00(Ft.)
Slope along watercourse =    180.9914 Ft./Mi.
Average Manning's 'N' = 0.029
Lag time =    0.164 Hr.
Lag time =     9.83 Min.
25% of lag time =     2.46 Min.
40% of lag time =     3.93 Min.
Unit time =     5.00 Min.
Duration of storm = 1 Hour(s)
User Entered Base Flow =     0.00(CFS)

2 YEAR Area rainfall data:


Area(Ac.)[1]       Rainfall(In)[2]      Weighting[1*2]
       59.00          0.50                29.50

100 YEAR Area rainfall data:


Area(Ac.)[1]       Rainfall(In)[2]      Weighting[1*2]
       59.00          1.20                70.80

STORM EVENT (YEAR) =  100.00
```

Area Averaged 2-Year Rainfall = 0.500(In)
Area Averaged 100-Year Rainfall = 1.200(In)

Point rain (area averaged) = 1.200(In)
Areal adjustment factor = 99.95 %
Adjusted average point rain = 1.199(In)

Sub-Area Data:

Area(Ac.)	Runoff Index	Impervious %
3.500	69.00	0.050
16.400	71.40	0.750
39.100	81.20	0.000

Total Area Entered = 59.00(Ac.)

RI AMC2	RI AMC-3	Infil. Rate (In/Hr)	Impervious (Dec.%)	Adj. Infil. Rate (In/Hr)	Area% (Dec.)	F (In/Hr)
69.0	84.4	0.194	0.050	0.185	0.059	0.011
71.4	85.8	0.177	0.750	0.058	0.278	0.016
81.2	91.7	0.108	0.000	0.108	0.663	0.071
					Sum (F) =	0.098

Area averaged mean soil loss (F) (In/Hr) = 0.098
Minimum soil loss rate ((In/Hr)) = 0.049
(for 24 hour storm duration)
Soil low loss rate (decimal) = 0.470

Slope of intensity-duration curve for a 1 hour storm =0.5500

U n i t H y d r o g r a p h
VALLEY S-Curve

Unit Hydrograph Data

Unit time period (hrs)	Time % of lag	Distribution Graph %	Unit Hydrograph (CFS)
1	0.083	50.879	6.292	3.741
2	0.167	101.759	26.897	15.993
3	0.250	152.638	28.753	17.097
4	0.333	203.517	12.647	7.520
5	0.417	254.397	6.714	3.992
6	0.500	305.276	4.675	2.780
7	0.583	356.155	3.359	1.997
8	0.667	407.035	2.547	1.515
9	0.750	457.914	1.854	1.102
10	0.833	508.794	1.557	0.926
11	0.917	559.673	1.255	0.746
12	1.000	610.552	0.978	0.582
13	1.083	661.432	0.771	0.459
14	1.167	712.311	0.570	0.339
15	1.250	763.190	0.509	0.303
16	1.333	814.070	0.622	0.370
		Sum = 100.000	Sum=	59.461

The following loss rate calculations reflect use of the minimum calculated loss rate subtracted from the Storm Rain to produce the maximum Effective Rain value

Unit	Time (Hr.)	Pattern Percent	Storm Rain (In/Hr)	Loss rate(In./Hr) Max	Low	Effective (In/Hr)
1	0.08	3.30	0.475	0.098	(0.223)	0.377

```
  2   0.17     4.20      0.604          0.098    (  0.284)        0.506
  3   0.25     4.40      0.633          0.098    (  0.298)        0.535
  4   0.33     4.80      0.691          0.098    (  0.325)        0.592
  5   0.42     5.20      0.748          0.098    (  0.352)        0.650
  6   0.50     6.20      0.892          0.098    (  0.419)        0.794
  7   0.58     6.80      0.979          0.098    (  0.460)        0.880
  8   0.67     8.80      1.267          0.098    (  0.595)        1.168
  9   0.75    13.90      2.001          0.098    (  0.940)        1.902
 10   0.83    31.40      4.519          0.098    (  2.124)        4.421
 11   0.92     7.20      1.036          0.098    (  0.487)        0.938
 12   1.00     3.80      0.547          0.098    (  0.257)        0.449
            (Loss Rate Not Used)
    Sum =     100.0                                  Sum =    13.2
     Flood volume = Effective rainfall      1.10(In)
      times area      59.0(Ac.)/[(In)/(Ft.)] =       5.4(Ac.Ft)
     Total soil loss =      0.10(In)
     Total soil loss =     0.484(Ac.Ft)
     Total rainfall =      1.20(In)
     Flood volume =      235804.2 Cubic Feet
     Total soil loss =       21062.4 Cubic Feet
     ---------------------------------------------------------------------
      Peak flow rate of this hydrograph =    124.839(CFS)
     ---------------------------------------------------------------------
     +++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
                        1 - H O U R    S T O R M
                    R u n o f f     H y d r o g r a p h
     ---------------------------------------------------------------------
                 Hydrograph in   5   Minute intervals ((CFS))

     ---------------------------------------------------------------------
Time(h+m) Volume Ac.Ft   Q(CFS)  0       50.0     100.0     150.0     200.0
-------------------------------------------------------------------------
  0+ 5       0.0097      1.41  Q         |         |         |         |
  0+10       0.0643      7.92  VQ        |         |         |         |
  0+15       0.1782     16.54  |V Q      |         |         |         |
  0+20       0.3316     22.27  | V Q     |         |         |         |
  0+25       0.5132     26.38  |  V Q    |         |         |         |
  0+30       0.7240     30.60  |    VQ   |         |         |         |
  0+35       0.9710     35.87  |      Q  |         |         |         |
  0+40       1.2628     42.37  |       QV|         |         |         |
  0+45       1.6302     53.34  |         Q V       |         |         |
  0+50       2.1913     81.47  |          |     Q  |         |         |
  0+55       3.0511    124.84  |          |        | V Q     |         |
  1+ 0       3.8641    118.05  |          |        |  Q    V |         |
  1+ 5       4.3629     72.42  |          |   Q    |         | V       |
  1+10       4.6655     43.94  |       Q  |        |         |   V     |
  1+15       4.8587     28.06  |    Q     |        |         |    V    |
  1+20       4.9960     19.94  |  Q       |        |         |     V   |
  1+25       5.0991     14.97  | Q        |        |         |      V  |
  1+30       5.1769     11.30  | Q        |        |         |       V |
  1+35       5.2389      9.00  |Q         |        |         |       V |
  1+40       5.2877      7.09  |Q         |        |         |        V|
  1+45       5.3257      5.52  |Q         |        |         |        V|
  1+50       5.3549      4.23  Q         |        |         |        V|
  1+55       5.3769      3.20  Q         |        |         |        V|
  2+ 0       5.3946      2.57  Q         |        |         |        V|
  2+ 5       5.4088      2.07  Q         |        |         |        V|
  2+10       5.4122      0.48  Q         |        |         |        V|
  2+15       5.4133      0.17  Q         |        |         |        V|
-------------------------------------------------------------------------
```

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      U n i t   H y d r o g r a p h   A n a l y s i s

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            Study date  04/09/24 File: 907hydbpr3100.out

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Riverside County Synthetic Unit Hydrology Method
RCFC & WCD Manual date - April 1978


Program License Serial Number 4029

------------------------------------------------------------------------
 English (in-lb) Input Units Used
 English Rainfall Data (Inches) Input Values Used

 English Units used in output format



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

Keller Crossing, Tr. 38163
Hydrology Area F (Existing offsite and Proposed on-site) = 59.0 Ac
100-year 3-hour storm


------------------------------------------------------------------------
Drainage Area =      59.00(Ac.)  =      0.092 Sq. Mi.
Drainage Area for Depth-Area Areal Adjustment =      59.00(Ac.)  =      0.092 Sq. Mi.
Length along longest watercourse =    4055.00(Ft.)
Length along longest watercourse measured to centroid =    2054.00(Ft.)
Length along longest watercourse =      0.768 Mi.
Length along longest watercourse measured to centroid =      0.389 Mi.
Difference in elevation =     139.00(Ft.)
Slope along watercourse =    180.9914 Ft./Mi.
Average Manning's 'N' = 0.029
Lag time =    0.164 Hr.
Lag time =     9.83 Min.
25% of lag time =     2.46 Min.
40% of lag time =     3.93 Min.
Unit time =     5.00 Min.
Duration of storm = 3 Hour(s)
User Entered Base Flow =     0.00(CFS)

2 YEAR Area rainfall data:


Area(Ac.)[1]       Rainfall(In)[2]      Weighting[1*2]
       59.00          0.77                45.43

100 YEAR Area rainfall data:


Area(Ac.)[1]       Rainfall(In)[2]      Weighting[1*2]
       59.00          1.77               104.43

STORM EVENT (YEAR) =  100.00
Area Averaged 2-Year Rainfall =    0.770(In)
```

Area Averaged 100-Year Rainfall = 1.770(In)

Point rain (area averaged) = 1.770(In)
Areal adjustment factor = 99.97 %
Adjusted average point rain = 1.770(In)

Sub-Area Data:

Area(Ac.)	Runoff Index	Impervious %
3.500	69.00	0.050
16.400	71.40	0.750
39.100	81.20	0.000

Total Area Entered = 59.00(Ac.)

RI AMC2	RI AMC-3	Infil. Rate (In/Hr)	Impervious (Dec.%)	Adj. Infil. Rate (In/Hr)	Area% (Dec.)	F (In/Hr)
69.0	84.4	0.194	0.050	0.185	0.059	0.011
71.4	85.8	0.177	0.750	0.058	0.278	0.016
81.2	91.7	0.108	0.000	0.108	0.663	0.071
					Sum (F) =	0.098

Area averaged mean soil loss (F) (In/Hr) = 0.098
Minimum soil loss rate ((In/Hr)) = 0.049
(for 24 hour storm duration)
Soil low loss rate (decimal) = 0.470

U n i t H y d r o g r a p h
VALLEY S-Curve

Unit Hydrograph Data

Unit time period (hrs)	Time % of lag	Distribution Graph %	Unit Hydrograph (CFS)
1	0.083	50.879	6.292	3.741
2	0.167	101.759	26.897	15.993
3	0.250	152.638	28.753	17.097
4	0.333	203.517	12.647	7.520
5	0.417	254.397	6.714	3.992
6	0.500	305.276	4.675	2.780
7	0.583	356.155	3.359	1.997
8	0.667	407.035	2.547	1.515
9	0.750	457.914	1.854	1.102
10	0.833	508.794	1.557	0.926
11	0.917	559.673	1.255	0.746
12	1.000	610.552	0.978	0.582
13	1.083	661.432	0.771	0.459
14	1.167	712.311	0.570	0.339
15	1.250	763.190	0.509	0.303
16	1.333	814.070	0.622	0.370
		Sum = 100.000	Sum=	59.461

The following loss rate calculations reflect use of the minimum calculated loss rate subtracted from the Storm Rain to produce the maximum Effective Rain value

Unit	Time (Hr.)	Pattern Percent	Storm Rain (In/Hr)	Loss rate(In./Hr) Max	Low	Effective (In/Hr)
1	0.08	1.30	0.276	0.098	(0.130)	0.178
2	0.17	1.30	0.276	0.098	(0.130)	0.178
3	0.25	1.10	0.234	0.098	(0.110)	0.135
4	0.33	1.50	0.319	0.098	(0.150)	0.220

```
 5   0.42     1.50      0.319          0.098    (  0.150)         0.220
 6   0.50     1.80      0.382          0.098    (  0.180)         0.284
 7   0.58     1.50      0.319          0.098    (  0.150)         0.220
 8   0.67     1.80      0.382          0.098    (  0.180)         0.284
 9   0.75     1.80      0.382          0.098    (  0.180)         0.284
10   0.83     1.50      0.319          0.098    (  0.150)         0.220
11   0.92     1.60      0.340          0.098    (  0.160)         0.241
12   1.00     1.80      0.382          0.098    (  0.180)         0.284
13   1.08     2.20      0.467          0.098    (  0.220)         0.369
14   1.17     2.20      0.467          0.098    (  0.220)         0.369
15   1.25     2.20      0.467          0.098    (  0.220)         0.369
16   1.33     2.00      0.425          0.098    (  0.200)         0.326
17   1.42     2.60      0.552          0.098    (  0.259)         0.454
18   1.50     2.70      0.573          0.098    (  0.269)         0.475
19   1.58     2.40      0.510          0.098    (  0.240)         0.411
20   1.67     2.70      0.573          0.098    (  0.269)         0.475
21   1.75     3.30      0.701          0.098    (  0.329)         0.602
22   1.83     3.10      0.658          0.098    (  0.309)         0.560
23   1.92     2.90      0.616          0.098    (  0.289)         0.517
24   2.00     3.00      0.637          0.098    (  0.299)         0.539
25   2.08     3.10      0.658          0.098    (  0.309)         0.560
26   2.17     4.20      0.892          0.098    (  0.419)         0.794
27   2.25     5.00      1.062          0.098    (  0.499)         0.963
28   2.33     3.50      0.743          0.098    (  0.349)         0.645
29   2.42     6.80      1.444          0.098    (  0.679)         1.346
30   2.50     7.30      1.550          0.098    (  0.729)         1.452
31   2.58     8.20      1.741          0.098    (  0.818)         1.643
32   2.67     5.90      1.253          0.098    (  0.589)         1.154
33   2.75     2.00      0.425          0.098    (  0.200)         0.326
34   2.83     1.80      0.382          0.098    (  0.180)         0.284
35   2.92     1.80      0.382          0.098    (  0.180)         0.284
36   3.00     0.60      0.127       (  0.098)       0.060         0.068
           (Loss Rate Not Used)
   Sum =     100.0                                   Sum =    17.7
    Flood volume = Effective rainfall      1.48(In)
     times area      59.0(Ac.)/[(In)/(Ft.)] =       7.3(Ac.Ft)
    Total soil loss =      0.29(In)
    Total soil loss =     1.435(Ac.Ft)
    Total rainfall =      1.77(In)
    Flood volume =      316482.4 Cubic Feet
    Total soil loss =       62500.6 Cubic Feet
    ---------------------------------------------------------------------
     Peak flow rate of this hydrograph =     75.768(CFS)
    ---------------------------------------------------------------------
    +++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
                      3 - H O U R    S T O R M
                   R u n o f f     H y d r o g r a p h
    ---------------------------------------------------------------------
                Hydrograph in   5   Minute intervals ((CFS))

    ---------------------------------------------------------------------
Time(h+m) Volume Ac.Ft   Q(CFS)  0       20.0      40.0      60.0      80.0
-------------------------------------------------------------------------
  0+ 5       0.0046      0.67  Q         |         |         |         |
  0+10       0.0287      3.51  VQ        |         |         |         |
  0+15       0.0728      6.39  V  Q      |         |         |         |
  0+20       0.1235      7.36  V  Q      |         |         |         |
  0+25       0.1834      8.71  |V  Q     |         |         |         |
  0+30       0.2563     10.57  |V   Q    |         |         |         |
  0+35       0.3401     12.18  |V    Q   |         |         |         |
  0+40       0.4295     12.98  | V   Q   |         |         |         |
  0+45       0.5241     13.73  | V   Q   |         |         |         |
  0+50       0.6249     14.63  |  V   Q  |         |         |         |
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    0+55       0.7234     14.31  |  V   Q  |          |          |          |
    1+ 0       0.8204     14.08  |   V  Q  |          |          |          |
    1+ 5       0.9253     15.24  |    V Q  |          |          |          |
    1+10       1.0453     17.43  |    V  Q |          |          |          |
    1+15       1.1781     19.28  |     V  Q|          |          |          |
    1+20       1.3158     20.01  |      V  Q          |          |          |
    1+25       1.4554     20.27  |       V Q          |          |          |
    1+30       1.6069     22.00  |       V Q          |          |          |
    1+35       1.7737     24.22  |        V| Q        |          |          |
    1+40       1.9442     24.76  |         V Q        |          |          |
    1+45       2.1223     25.86  |          |VQ       |          |          |
    1+50       2.3206     28.79  |          | V Q     |          |          |
    1+55       2.5321     30.71  |          |  V Q    |          |          |
    2+ 0       2.7432     30.66  |          |    Q    |          |          |
    2+ 5       2.9551     30.76  |          |    QV   |          |          |
    2+10       3.1782     32.39  |          |     QV  |          |          |
    2+15       3.4359     37.42  |          |       Q |          |          |
    2+20       3.7340     43.28  |          |         VQ         |          |
    2+25       4.0485     45.68  |          |          | Q       |          |
    2+30       4.4219     54.21  |          |          |   V  Q  |          |
    2+35       4.8879     67.66  |          |          |     V   |  Q       |
    2+40       5.4097     75.77  |          |          |         V|      Q  |
    2+45       5.9027     71.58  |          |          |          | V  Q    |
    2+50       6.2714     53.54  |          |          |     Q   |   V     |
    2+55       6.5294     37.45  |          |        Q |         |    V    |
    3+ 0       6.7330     29.56  |          |   Q      |         |      V  |
    3+ 5       6.8854     22.14  |         |Q         |         |      V  |
    3+10       6.9882     14.93  |       Q  |         |         |       V |
    3+15       7.0602     10.45  |    Q     |         |         |       V |
    3+20       7.1143      7.85  |  Q       |         |         |        V|
    3+25       7.1563      6.11  |  Q       |         |         |        V|
    3+30       7.1885      4.67  | Q        |         |         |        V|
    3+35       7.2125      3.49  |Q         |         |         |        V|
    3+40       7.2315      2.76  |Q         |         |         |        V|
    3+45       7.2454      2.02  |Q         |         |         |        V|
    3+50       7.2552      1.41  Q          |         |         |        V|
    3+55       7.2606      0.79  Q          |         |         |        V|
    4+ 0       7.2629      0.33  Q          |         |         |        V|
    4+ 5       7.2644      0.21  Q          |         |         |        V|
    4+10       7.2653      0.13  Q          |         |         |        V|
    4+15       7.2654      0.03  Q          |         |         |         V
-------------------------------------------------------------------------
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      U n i t   H y d r o g r a p h   A n a l y s i s

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            Study date  04/09/24 File: 907hydbpr6100.out


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Riverside County Synthetic Unit Hydrology Method
RCFC & WCD Manual date - April 1978


Program License Serial Number 4029

------------------------------------------------------------------------
 English (in-lb) Input Units Used
 English Rainfall Data (Inches) Input Values Used

 English Units used in output format



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

Keller Crossing, Tr. 38163
Hydrology Area F (Existing offsite and Proposed on-site) = 59.0 Ac
100-year 6-hour storm


------------------------------------------------------------------------
Drainage Area =      59.00(Ac.)  =      0.092 Sq. Mi.
Drainage Area for Depth-Area Areal Adjustment =      59.00(Ac.)  =      0.092 Sq. Mi.
Length along longest watercourse =    4055.00(Ft.)
Length along longest watercourse measured to centroid =    2054.00(Ft.)
Length along longest watercourse =      0.768 Mi.
Length along longest watercourse measured to centroid =      0.389 Mi.
Difference in elevation =     139.00(Ft.)
Slope along watercourse =    180.9914 Ft./Mi.
Average Manning's 'N' = 0.029
Lag time =    0.164 Hr.
Lag time =     9.83 Min.
25% of lag time =     2.46 Min.
40% of lag time =     3.93 Min.
Unit time =     5.00 Min.
Duration of storm = 6 Hour(s)
User Entered Base Flow =     0.00(CFS)

2 YEAR Area rainfall data:


Area(Ac.)[1]       Rainfall(In)[2]      Weighting[1*2]
       59.00          0.95                56.05

100 YEAR Area rainfall data:


Area(Ac.)[1]       Rainfall(In)[2]      Weighting[1*2]
       59.00          2.45               144.55

STORM EVENT (YEAR) =  100.00
Area Averaged 2-Year Rainfall =    0.950(In)
```

Area Averaged 100-Year Rainfall = 2.450(In)

Point rain (area averaged) = 2.450(In)
Areal adjustment factor = 99.98 %
Adjusted average point rain = 2.450(In)

Sub-Area Data:

Area(Ac.)	Runoff Index	Impervious %
3.500	69.00	0.050
16.400	71.40	0.750
39.100	81.20	0.000

Total Area Entered = 59.00(Ac.)

RI AMC2	RI AMC-3	Infil. Rate (In/Hr)	Impervious (Dec.%)	Adj. Infil. Rate (In/Hr)	Area% (Dec.)	F (In/Hr)
69.0	84.4	0.194	0.050	0.185	0.059	0.011
71.4	85.8	0.177	0.750	0.058	0.278	0.016
81.2	91.7	0.108	0.000	0.108	0.663	0.071
					Sum (F) =	0.098

Area averaged mean soil loss (F) (In/Hr) = 0.098
Minimum soil loss rate ((In/Hr)) = 0.049
(for 24 hour storm duration)
Soil low loss rate (decimal) = 0.470

U n i t H y d r o g r a p h
VALLEY S-Curve

Unit Hydrograph Data

Unit time period (hrs)	Time % of lag	Distribution Graph %	Unit Hydrograph (CFS)
1	0.083	50.879	6.292	3.741
2	0.167	101.759	26.897	15.993
3	0.250	152.638	28.753	17.097
4	0.333	203.517	12.647	7.520
5	0.417	254.397	6.714	3.992
6	0.500	305.276	4.675	2.780
7	0.583	356.155	3.359	1.997
8	0.667	407.035	2.547	1.515
9	0.750	457.914	1.854	1.102
10	0.833	508.794	1.557	0.926
11	0.917	559.673	1.255	0.746
12	1.000	610.552	0.978	0.582
13	1.083	661.432	0.771	0.459
14	1.167	712.311	0.570	0.339
15	1.250	763.190	0.509	0.303
16	1.333	814.070	0.622	0.370
		Sum = 100.000	Sum=	59.461

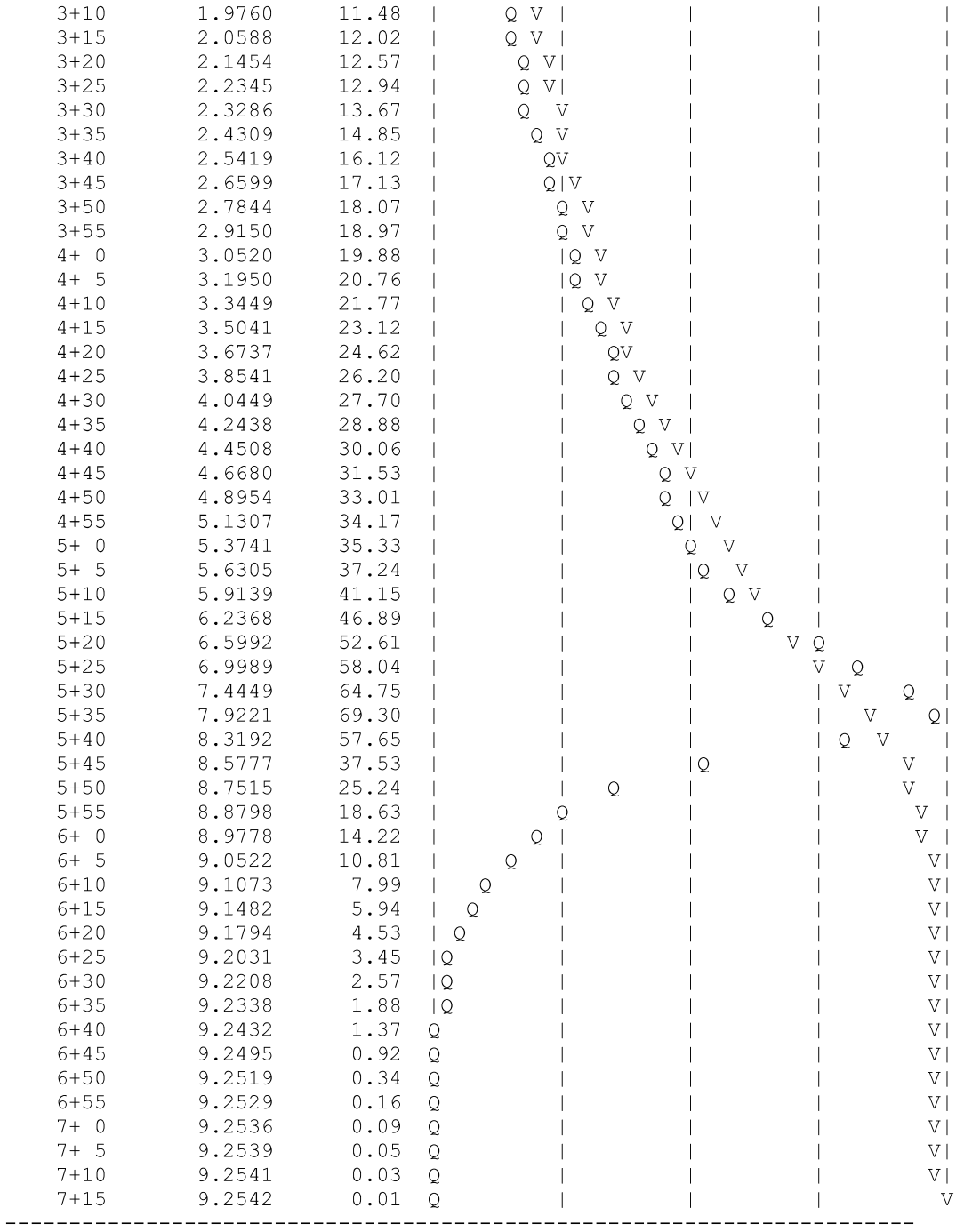
The following loss rate calculations reflect use of the minimum calculated loss rate subtracted from the Storm Rain to produce the maximum Effective Rain value

Unit Time (Hr.)	Pattern Percent	Storm Rain (In/Hr)	Loss rate(In./Hr) Max	Low	Effective (In/Hr)
1	0.08	0.50	0.147	(0.098)	0.069	0.078
2	0.17	0.60	0.176	(0.098)	0.083	0.093
3	0.25	0.60	0.176	(0.098)	0.083	0.093
4	0.33	0.60	0.176	(0.098)	0.083	0.093

5	0.42	0.60	0.176	(0.098)	0.083	0.093
6	0.50	0.70	0.206	(0.098)	0.097	0.109
7	0.58	0.70	0.206	(0.098)	0.097	0.109
8	0.67	0.70	0.206	(0.098)	0.097	0.109
9	0.75	0.70	0.206	(0.098)	0.097	0.109
10	0.83	0.70	0.206	(0.098)	0.097	0.109
11	0.92	0.70	0.206	(0.098)	0.097	0.109
12	1.00	0.80	0.235	0.098	(0.111)	0.137
13	1.08	0.80	0.235	0.098	(0.111)	0.137
14	1.17	0.80	0.235	0.098	(0.111)	0.137
15	1.25	0.80	0.235	0.098	(0.111)	0.137
16	1.33	0.80	0.235	0.098	(0.111)	0.137
17	1.42	0.80	0.235	0.098	(0.111)	0.137
18	1.50	0.80	0.235	0.098	(0.111)	0.137
19	1.58	0.80	0.235	0.098	(0.111)	0.137
20	1.67	0.80	0.235	0.098	(0.111)	0.137
21	1.75	0.80	0.235	0.098	(0.111)	0.137
22	1.83	0.80	0.235	0.098	(0.111)	0.137
23	1.92	0.80	0.235	0.098	(0.111)	0.137
24	2.00	0.90	0.265	0.098	(0.124)	0.166
25	2.08	0.80	0.235	0.098	(0.111)	0.137
26	2.17	0.90	0.265	0.098	(0.124)	0.166
27	2.25	0.90	0.265	0.098	(0.124)	0.166
28	2.33	0.90	0.265	0.098	(0.124)	0.166
29	2.42	0.90	0.265	0.098	(0.124)	0.166
30	2.50	0.90	0.265	0.098	(0.124)	0.166
31	2.58	0.90	0.265	0.098	(0.124)	0.166
32	2.67	0.90	0.265	0.098	(0.124)	0.166
33	2.75	1.00	0.294	0.098	(0.138)	0.196
34	2.83	1.00	0.294	0.098	(0.138)	0.196
35	2.92	1.00	0.294	0.098	(0.138)	0.196
36	3.00	1.00	0.294	0.098	(0.138)	0.196
37	3.08	1.00	0.294	0.098	(0.138)	0.196
38	3.17	1.10	0.323	0.098	(0.152)	0.225
39	3.25	1.10	0.323	0.098	(0.152)	0.225
40	3.33	1.10	0.323	0.098	(0.152)	0.225
41	3.42	1.20	0.353	0.098	(0.166)	0.254
42	3.50	1.30	0.382	0.098	(0.180)	0.284
43	3.58	1.40	0.412	0.098	(0.193)	0.313
44	3.67	1.40	0.412	0.098	(0.193)	0.313
45	3.75	1.50	0.441	0.098	(0.207)	0.343
46	3.83	1.50	0.441	0.098	(0.207)	0.343
47	3.92	1.60	0.470	0.098	(0.221)	0.372
48	4.00	1.60	0.470	0.098	(0.221)	0.372
49	4.08	1.70	0.500	0.098	(0.235)	0.401
50	4.17	1.80	0.529	0.098	(0.249)	0.431
51	4.25	1.90	0.558	0.098	(0.262)	0.460
52	4.33	2.00	0.588	0.098	(0.276)	0.490
53	4.42	2.10	0.617	0.098	(0.290)	0.519
54	4.50	2.10	0.617	0.098	(0.290)	0.519
55	4.58	2.20	0.647	0.098	(0.304)	0.548
56	4.67	2.30	0.676	0.098	(0.318)	0.578
57	4.75	2.40	0.705	0.098	(0.332)	0.607
58	4.83	2.40	0.705	0.098	(0.332)	0.607
59	4.92	2.50	0.735	0.098	(0.345)	0.637
60	5.00	2.60	0.764	0.098	(0.359)	0.666
61	5.08	3.10	0.911	0.098	(0.428)	0.813
62	5.17	3.60	1.058	0.098	(0.497)	0.960
63	5.25	3.90	1.146	0.098	(0.539)	1.048
64	5.33	4.20	1.235	0.098	(0.580)	1.136
65	5.42	4.70	1.382	0.098	(0.649)	1.283
66	5.50	5.60	1.646	0.098	(0.774)	1.548
67	5.58	1.90	0.558	0.098	(0.262)	0.460

```
68   5.67     0.90      0.265          0.098    (  0.124)        0.166
69   5.75     0.60      0.176       (  0.098)       0.083        0.093
70   5.83     0.50      0.147       (  0.098)       0.069        0.078
71   5.92     0.30      0.088       (  0.098)       0.041        0.047
72   6.00     0.20      0.059       (  0.098)       0.028        0.031
           (Loss Rate Not Used)
   Sum =     100.0                                    Sum =    22.6
     Flood volume = Effective rainfall      1.88(In)
      times area      59.0(Ac.)/[(In)/(Ft.)] =       9.3(Ac.Ft)
     Total soil loss =      0.57(In)
     Total soil loss =     2.789(Ac.Ft)
     Total rainfall =      2.45(In)
     Flood volume =      403112.5 Cubic Feet
     Total soil loss =      121497.5 Cubic Feet
     ---------------------------------------------------------------------
      Peak flow rate of this hydrograph =     69.295(CFS)
     ---------------------------------------------------------------------
     +++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
                          6 - H O U R    S T O R M
                     R u n o f f     H y d r o g r a p h
     ---------------------------------------------------------------------
                 Hydrograph in   5   Minute intervals ((CFS))

     ---------------------------------------------------------------------
Time(h+m) Volume Ac.Ft    Q(CFS)  0       17.5      35.0      52.5      70.0
-------------------------------------------------------------------------
  0+ 5       0.0020      0.29  Q          |         |         |         |
  0+10       0.0130      1.60  Q          |         |         |         |
  0+15       0.0349      3.18  VQ         |         |         |         |
  0+20       0.0626      4.03  V Q        |         |         |         |
  0+25       0.0934      4.46  V Q        |         |         |         |
  0+30       0.1264      4.80  V Q        |         |         |         |
  0+35       0.1625      5.24  V Q        |         |         |         |
  0+40       0.2015      5.66  V  Q       |         |         |         |
  0+45       0.2420      5.89  |V Q       |         |         |         |
  0+50       0.2836      6.04  |V Q       |         |         |         |
  0+55       0.3260      6.15  |V Q       |         |         |         |
  1+ 0       0.3697      6.35  |V Q       |         |         |         |
  1+ 5       0.4169      6.86  |V Q       |         |         |         |
  1+10       0.4678      7.38  | V Q      |         |         |         |
  1+15       0.5204      7.64  | V Q      |         |         |         |
  1+20       0.5741      7.79  | V Q      |         |         |         |
  1+25       0.6284      7.88  | V Q      |         |         |         |
  1+30       0.6831      7.95  | V Q      |         |         |         |
  1+35       0.7381      7.99  |  VQ      |         |         |         |
  1+40       0.7935      8.03  |  VQ      |         |         |         |
  1+45       0.8490      8.06  |  VQ      |         |         |         |
  1+50       0.9046      8.08  |  VQ      |         |         |         |
  1+55       0.9604      8.10  |   Q      |         |         |         |
  2+ 0       1.0170      8.22  |   Q      |         |         |         |
  2+ 5       1.0762      8.59  |   Q      |         |         |         |
  2+10       1.1364      8.74  |   Q      |         |         |         |
  2+15       1.1980      8.94  |    Q     |         |         |         |
  2+20       1.2623      9.34  |    Q     |         |         |         |
  2+25       1.3279      9.53  |    Q     |         |         |         |
  2+30       1.3941      9.62  |    QV    |         |         |         |
  2+35       1.4608      9.69  |    QV    |         |         |         |
  2+40       1.5279      9.73  |    QV    |         |         |         |
  2+45       1.5959      9.88  |    QV    |         |         |         |
  2+50       1.6674     10.38  |    Q V   |         |         |         |
  2+55       1.7425     10.91  |     QV   |         |         |         |
  3+ 0       1.8193     11.15  |     QV   |         |         |         |
  3+ 5       1.8970     11.28  |     Q V  |         |         |         |
```



3+10	1.9760	11.48	
3+15	2.0588	12.02	
3+20	2.1454	12.57	
3+25	2.2345	12.94	
3+30	2.3286	13.67	
3+35	2.4309	14.85	
3+40	2.5419	16.12	
3+45	2.6599	17.13	
3+50	2.7844	18.07	
3+55	2.9150	18.97	
4+ 0	3.0520	19.88	
4+ 5	3.1950	20.76	
4+10	3.3449	21.77	
4+15	3.5041	23.12	
4+20	3.6737	24.62	
4+25	3.8541	26.20	
4+30	4.0449	27.70	
4+35	4.2438	28.88	
4+40	4.4508	30.06	
4+45	4.6680	31.53	
4+50	4.8954	33.01	
4+55	5.1307	34.17	
5+ 0	5.3741	35.33	
5+ 5	5.6305	37.24	
5+10	5.9139	41.15	
5+15	6.2368	46.89	
5+20	6.5992	52.61	
5+25	6.9989	58.04	
5+30	7.4449	64.75	
5+35	7.9221	69.30	
5+40	8.3192	57.65	
5+45	8.5777	37.53	
5+50	8.7515	25.24	
5+55	8.8798	18.63	
6+ 0	8.9778	14.22	
6+ 5	9.0522	10.81	
6+10	9.1073	7.99	
6+15	9.1482	5.94	
6+20	9.1794	4.53	
6+25	9.2031	3.45	
6+30	9.2208	2.57	
6+35	9.2338	1.88	
6+40	9.2432	1.37	
6+45	9.2495	0.92	
6+50	9.2519	0.34	
6+55	9.2529	0.16	
7+ 0	9.2536	0.09	
7+ 5	9.2539	0.05	
7+10	9.2541	0.03	
7+15	9.2542	0.01	

```
      U n i t   H y d r o g r a p h   A n a l y s i s

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            Study date  04/09/24 File: 907hydbpr24100.out


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

Riverside County Synthetic Unit Hydrology Method
RCFC & WCD Manual date - April 1978


Program License Serial Number 4029

------------------------------------------------------------------------
 English (in-lb) Input Units Used
 English Rainfall Data (Inches) Input Values Used

 English Units used in output format



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

Keller Crossing, Tr. 38163
Hydrology Area F (Existing offsite and Proposed on-site) = 59.0 Ac
100-year 24-hour storm


------------------------------------------------------------------------
Drainage Area =      59.00(Ac.)  =      0.092 Sq. Mi.
Drainage Area for Depth-Area Areal Adjustment =      59.00(Ac.)  =      0.092 Sq. Mi.
Length along longest watercourse =    4055.00(Ft.)
Length along longest watercourse measured to centroid =    2054.00(Ft.)
Length along longest watercourse =      0.768 Mi.
Length along longest watercourse measured to centroid =      0.389 Mi.
Difference in elevation =     139.00(Ft.)
Slope along watercourse =    180.9914 Ft./Mi.
Average Manning's 'N' = 0.029
Lag time =    0.164 Hr.
Lag time =     9.83 Min.
25% of lag time =     2.46 Min.
40% of lag time =     3.93 Min.
Unit time =     5.00 Min.
Duration of storm = 24 Hour(s)
User Entered Base Flow =     0.00(CFS)

2 YEAR Area rainfall data:


Area(Ac.)[1]       Rainfall(In)[2]      Weighting[1*2]
       59.00          1.55                91.45

100 YEAR Area rainfall data:


Area(Ac.)[1]       Rainfall(In)[2]      Weighting[1*2]
       59.00          4.05               238.95

STORM EVENT (YEAR) =  100.00
Area Averaged 2-Year Rainfall =    1.550(In)
```

Area Averaged 100-Year Rainfall = 4.050(In)

Point rain (area averaged) = 4.050(In)
Areal adjustment factor = 99.99 %
Adjusted average point rain = 4.050(In)

Sub-Area Data:

Area(Ac.)	Runoff Index	Impervious %
3.500	69.00	0.050
16.400	71.40	0.750
39.100	81.20	0.000

Total Area Entered = 59.00(Ac.)

RI AMC2	RI AMC-3	Infil. Rate (In/Hr)	Impervious (Dec.%)	Adj. Infil. Rate (In/Hr)	Area% (Dec.)	F (In/Hr)
69.0	84.4	0.194	0.050	0.185	0.059	0.011
71.4	85.8	0.177	0.750	0.058	0.278	0.016
81.2	91.7	0.108	0.000	0.108	0.663	0.071
					Sum (F) =	0.098

Area averaged mean soil loss (F) (In/Hr) = 0.098
Minimum soil loss rate ((In/Hr)) = 0.049
(for 24 hour storm duration)
Soil low loss rate (decimal) = 0.470

U n i t H y d r o g r a p h
VALLEY S-Curve

Unit Hydrograph Data

Unit time period (hrs)	Time % of lag	Distribution Graph %	Unit Hydrograph (CFS)
1	0.083	50.879	6.292	3.741
2	0.167	101.759	26.897	15.993
3	0.250	152.638	28.753	17.097
4	0.333	203.517	12.647	7.520
5	0.417	254.397	6.714	3.992
6	0.500	305.276	4.675	2.780
7	0.583	356.155	3.359	1.997
8	0.667	407.035	2.547	1.515
9	0.750	457.914	1.854	1.102
10	0.833	508.794	1.557	0.926
11	0.917	559.673	1.255	0.746
12	1.000	610.552	0.978	0.582
13	1.083	661.432	0.771	0.459
14	1.167	712.311	0.570	0.339
15	1.250	763.190	0.509	0.303
16	1.333	814.070	0.622	0.370
		Sum = 100.000	Sum=	59.461

The following loss rate calculations reflect use of the minimum calculated loss rate subtracted from the Storm Rain to produce the maximum Effective Rain value

Unit Time (Hr.)	Pattern Percent	Storm Rain (In/Hr)	Loss rate(In./Hr) Max	Low	Effective (In/Hr)
1	0.08	0.07	0.032	(0.174)	0.015	0.017
2	0.17	0.07	0.032	(0.174)	0.015	0.017
3	0.25	0.07	0.032	(0.173)	0.015	0.017
4	0.33	0.10	0.049	(0.172)	0.023	0.026

5	0.42	0.10	0.049	(0.172)	0.023	0.026
6	0.50	0.10	0.049	(0.171)	0.023	0.026
7	0.58	0.10	0.049	(0.170)	0.023	0.026
8	0.67	0.10	0.049	(0.170)	0.023	0.026
9	0.75	0.10	0.049	(0.169)	0.023	0.026
10	0.83	0.13	0.065	(0.168)	0.030	0.034
11	0.92	0.13	0.065	(0.168)	0.030	0.034
12	1.00	0.13	0.065	(0.167)	0.030	0.034
13	1.08	0.10	0.049	(0.166)	0.023	0.026
14	1.17	0.10	0.049	(0.166)	0.023	0.026
15	1.25	0.10	0.049	(0.165)	0.023	0.026
16	1.33	0.10	0.049	(0.164)	0.023	0.026
17	1.42	0.10	0.049	(0.164)	0.023	0.026
18	1.50	0.10	0.049	(0.163)	0.023	0.026
19	1.58	0.10	0.049	(0.162)	0.023	0.026
20	1.67	0.10	0.049	(0.162)	0.023	0.026
21	1.75	0.10	0.049	(0.161)	0.023	0.026
22	1.83	0.13	0.065	(0.160)	0.030	0.034
23	1.92	0.13	0.065	(0.160)	0.030	0.034
24	2.00	0.13	0.065	(0.159)	0.030	0.034
25	2.08	0.13	0.065	(0.159)	0.030	0.034
26	2.17	0.13	0.065	(0.158)	0.030	0.034
27	2.25	0.13	0.065	(0.157)	0.030	0.034
28	2.33	0.13	0.065	(0.157)	0.030	0.034
29	2.42	0.13	0.065	(0.156)	0.030	0.034
30	2.50	0.13	0.065	(0.155)	0.030	0.034
31	2.58	0.17	0.081	(0.155)	0.038	0.043
32	2.67	0.17	0.081	(0.154)	0.038	0.043
33	2.75	0.17	0.081	(0.153)	0.038	0.043
34	2.83	0.17	0.081	(0.153)	0.038	0.043
35	2.92	0.17	0.081	(0.152)	0.038	0.043
36	3.00	0.17	0.081	(0.152)	0.038	0.043
37	3.08	0.17	0.081	(0.151)	0.038	0.043
38	3.17	0.17	0.081	(0.150)	0.038	0.043
39	3.25	0.17	0.081	(0.150)	0.038	0.043
40	3.33	0.17	0.081	(0.149)	0.038	0.043
41	3.42	0.17	0.081	(0.148)	0.038	0.043
42	3.50	0.17	0.081	(0.148)	0.038	0.043
43	3.58	0.17	0.081	(0.147)	0.038	0.043
44	3.67	0.17	0.081	(0.147)	0.038	0.043
45	3.75	0.17	0.081	(0.146)	0.038	0.043
46	3.83	0.20	0.097	(0.145)	0.046	0.052
47	3.92	0.20	0.097	(0.145)	0.046	0.052
48	4.00	0.20	0.097	(0.144)	0.046	0.052
49	4.08	0.20	0.097	(0.143)	0.046	0.052
50	4.17	0.20	0.097	(0.143)	0.046	0.052
51	4.25	0.20	0.097	(0.142)	0.046	0.052
52	4.33	0.23	0.113	(0.142)	0.053	0.060
53	4.42	0.23	0.113	(0.141)	0.053	0.060
54	4.50	0.23	0.113	(0.140)	0.053	0.060
55	4.58	0.23	0.113	(0.140)	0.053	0.060
56	4.67	0.23	0.113	(0.139)	0.053	0.060
57	4.75	0.23	0.113	(0.139)	0.053	0.060
58	4.83	0.27	0.130	(0.138)	0.061	0.069
59	4.92	0.27	0.130	(0.137)	0.061	0.069
60	5.00	0.27	0.130	(0.137)	0.061	0.069
61	5.08	0.20	0.097	(0.136)	0.046	0.052
62	5.17	0.20	0.097	(0.136)	0.046	0.052
63	5.25	0.20	0.097	(0.135)	0.046	0.052
64	5.33	0.23	0.113	(0.134)	0.053	0.060
65	5.42	0.23	0.113	(0.134)	0.053	0.060
66	5.50	0.23	0.113	(0.133)	0.053	0.060
67	5.58	0.27	0.130	(0.133)	0.061	0.069

68	5.67	0.27	0.130	(0.132)	0.061	0.069
69	5.75	0.27	0.130	(0.132)	0.061	0.069
70	5.83	0.27	0.130	(0.131)	0.061	0.069
71	5.92	0.27	0.130	(0.130)	0.061	0.069
72	6.00	0.27	0.130	(0.130)	0.061	0.069
73	6.08	0.30	0.146	(0.129)	0.069	0.077
74	6.17	0.30	0.146	(0.129)	0.069	0.077
75	6.25	0.30	0.146	(0.128)	0.069	0.077
76	6.33	0.30	0.146	(0.128)	0.069	0.077
77	6.42	0.30	0.146	(0.127)	0.069	0.077
78	6.50	0.30	0.146	(0.126)	0.069	0.077
79	6.58	0.33	0.162	(0.126)	0.076	0.086
80	6.67	0.33	0.162	(0.125)	0.076	0.086
81	6.75	0.33	0.162	(0.125)	0.076	0.086
82	6.83	0.33	0.162	(0.124)	0.076	0.086
83	6.92	0.33	0.162	(0.124)	0.076	0.086
84	7.00	0.33	0.162	(0.123)	0.076	0.086
85	7.08	0.33	0.162	(0.122)	0.076	0.086
86	7.17	0.33	0.162	(0.122)	0.076	0.086
87	7.25	0.33	0.162	(0.121)	0.076	0.086
88	7.33	0.37	0.178	(0.121)	0.084	0.094
89	7.42	0.37	0.178	(0.120)	0.084	0.094
90	7.50	0.37	0.178	(0.120)	0.084	0.094
91	7.58	0.40	0.194	(0.119)	0.091	0.103
92	7.67	0.40	0.194	(0.119)	0.091	0.103
93	7.75	0.40	0.194	(0.118)	0.091	0.103
94	7.83	0.43	0.211	(0.117)	0.099	0.112
95	7.92	0.43	0.211	(0.117)	0.099	0.112
96	8.00	0.43	0.211	(0.116)	0.099	0.112
97	8.08	0.50	0.243	(0.116)	0.114	0.129
98	8.17	0.50	0.243	(0.115)	0.114	0.129
99	8.25	0.50	0.243	(0.115)	0.114	0.129
100	8.33	0.50	0.243	(0.114)	0.114	0.129
101	8.42	0.50	0.243	0.114	(0.114)	0.129
102	8.50	0.50	0.243	0.113	(0.114)	0.130
103	8.58	0.53	0.259	0.113	(0.122)	0.147
104	8.67	0.53	0.259	0.112	(0.122)	0.147
105	8.75	0.53	0.259	0.112	(0.122)	0.148
106	8.83	0.57	0.275	0.111	(0.129)	0.164
107	8.92	0.57	0.275	0.111	(0.129)	0.165
108	9.00	0.57	0.275	0.110	(0.129)	0.165
109	9.08	0.63	0.308	0.109	(0.145)	0.198
110	9.17	0.63	0.308	0.109	(0.145)	0.199
111	9.25	0.63	0.308	0.108	(0.145)	0.199
112	9.33	0.67	0.324	0.108	(0.152)	0.216
113	9.42	0.67	0.324	0.107	(0.152)	0.217
114	9.50	0.67	0.324	0.107	(0.152)	0.217
115	9.58	0.70	0.340	0.106	(0.160)	0.234
116	9.67	0.70	0.340	0.106	(0.160)	0.234
117	9.75	0.70	0.340	0.105	(0.160)	0.235
118	9.83	0.73	0.356	0.105	(0.167)	0.251
119	9.92	0.73	0.356	0.104	(0.167)	0.252
120	10.00	0.73	0.356	0.104	(0.167)	0.253
121	10.08	0.50	0.243	0.103	(0.114)	0.140
122	10.17	0.50	0.243	0.103	(0.114)	0.140
123	10.25	0.50	0.243	0.102	(0.114)	0.141
124	10.33	0.50	0.243	0.102	(0.114)	0.141
125	10.42	0.50	0.243	0.101	(0.114)	0.142
126	10.50	0.50	0.243	0.101	(0.114)	0.142
127	10.58	0.67	0.324	0.100	(0.152)	0.224
128	10.67	0.67	0.324	0.100	(0.152)	0.224
129	10.75	0.67	0.324	0.099	(0.152)	0.225
130	10.83	0.67	0.324	0.099	(0.152)	0.225

131	10.92	0.67	0.324	0.098	(0.152)	0.226
132	11.00	0.67	0.324	0.098	(0.152)	0.226
133	11.08	0.63	0.308	0.097	(0.145)	0.210
134	11.17	0.63	0.308	0.097	(0.145)	0.211
135	11.25	0.63	0.308	0.096	(0.145)	0.211
136	11.33	0.63	0.308	0.096	(0.145)	0.212
137	11.42	0.63	0.308	0.096	(0.145)	0.212
138	11.50	0.63	0.308	0.095	(0.145)	0.213
139	11.58	0.57	0.275	0.095	(0.129)	0.181
140	11.67	0.57	0.275	0.094	(0.129)	0.181
141	11.75	0.57	0.275	0.094	(0.129)	0.182
142	11.83	0.60	0.292	0.093	(0.137)	0.198
143	11.92	0.60	0.292	0.093	(0.137)	0.199
144	12.00	0.60	0.292	0.092	(0.137)	0.199
145	12.08	0.83	0.405	0.092	(0.190)	0.313
146	12.17	0.83	0.405	0.091	(0.190)	0.314
147	12.25	0.83	0.405	0.091	(0.190)	0.314
148	12.33	0.87	0.421	0.090	(0.198)	0.331
149	12.42	0.87	0.421	0.090	(0.198)	0.331
150	12.50	0.87	0.421	0.090	(0.198)	0.332
151	12.58	0.93	0.454	0.089	(0.213)	0.364
152	12.67	0.93	0.454	0.089	(0.213)	0.365
153	12.75	0.93	0.454	0.088	(0.213)	0.365
154	12.83	0.97	0.470	0.088	(0.221)	0.382
155	12.92	0.97	0.470	0.087	(0.221)	0.382
156	13.00	0.97	0.470	0.087	(0.221)	0.383
157	13.08	1.13	0.551	0.086	(0.259)	0.464
158	13.17	1.13	0.551	0.086	(0.259)	0.465
159	13.25	1.13	0.551	0.086	(0.259)	0.465
160	13.33	1.13	0.551	0.085	(0.259)	0.466
161	13.42	1.13	0.551	0.085	(0.259)	0.466
162	13.50	1.13	0.551	0.084	(0.259)	0.467
163	13.58	0.77	0.373	0.084	(0.175)	0.289
164	13.67	0.77	0.373	0.083	(0.175)	0.289
165	13.75	0.77	0.373	0.083	(0.175)	0.290
166	13.83	0.77	0.373	0.083	(0.175)	0.290
167	13.92	0.77	0.373	0.082	(0.175)	0.290
168	14.00	0.77	0.373	0.082	(0.175)	0.291
169	14.08	0.90	0.437	0.081	(0.206)	0.356
170	14.17	0.90	0.437	0.081	(0.206)	0.356
171	14.25	0.90	0.437	0.080	(0.206)	0.357
172	14.33	0.87	0.421	0.080	(0.198)	0.341
173	14.42	0.87	0.421	0.080	(0.198)	0.342
174	14.50	0.87	0.421	0.079	(0.198)	0.342
175	14.58	0.87	0.421	0.079	(0.198)	0.342
176	14.67	0.87	0.421	0.078	(0.198)	0.343
177	14.75	0.87	0.421	0.078	(0.198)	0.343
178	14.83	0.83	0.405	0.078	(0.190)	0.327
179	14.92	0.83	0.405	0.077	(0.190)	0.328
180	15.00	0.83	0.405	0.077	(0.190)	0.328
181	15.08	0.80	0.389	0.076	(0.183)	0.312
182	15.17	0.80	0.389	0.076	(0.183)	0.313
183	15.25	0.80	0.389	0.076	(0.183)	0.313
184	15.33	0.77	0.373	0.075	(0.175)	0.297
185	15.42	0.77	0.373	0.075	(0.175)	0.298
186	15.50	0.77	0.373	0.074	(0.175)	0.298
187	15.58	0.63	0.308	0.074	(0.145)	0.234
188	15.67	0.63	0.308	0.074	(0.145)	0.234
189	15.75	0.63	0.308	0.073	(0.145)	0.234
190	15.83	0.63	0.308	0.073	(0.145)	0.235
191	15.92	0.63	0.308	0.073	(0.145)	0.235
192	16.00	0.63	0.308	0.072	(0.145)	0.236
193	16.08	0.13	0.065	(0.072)	0.030	0.034

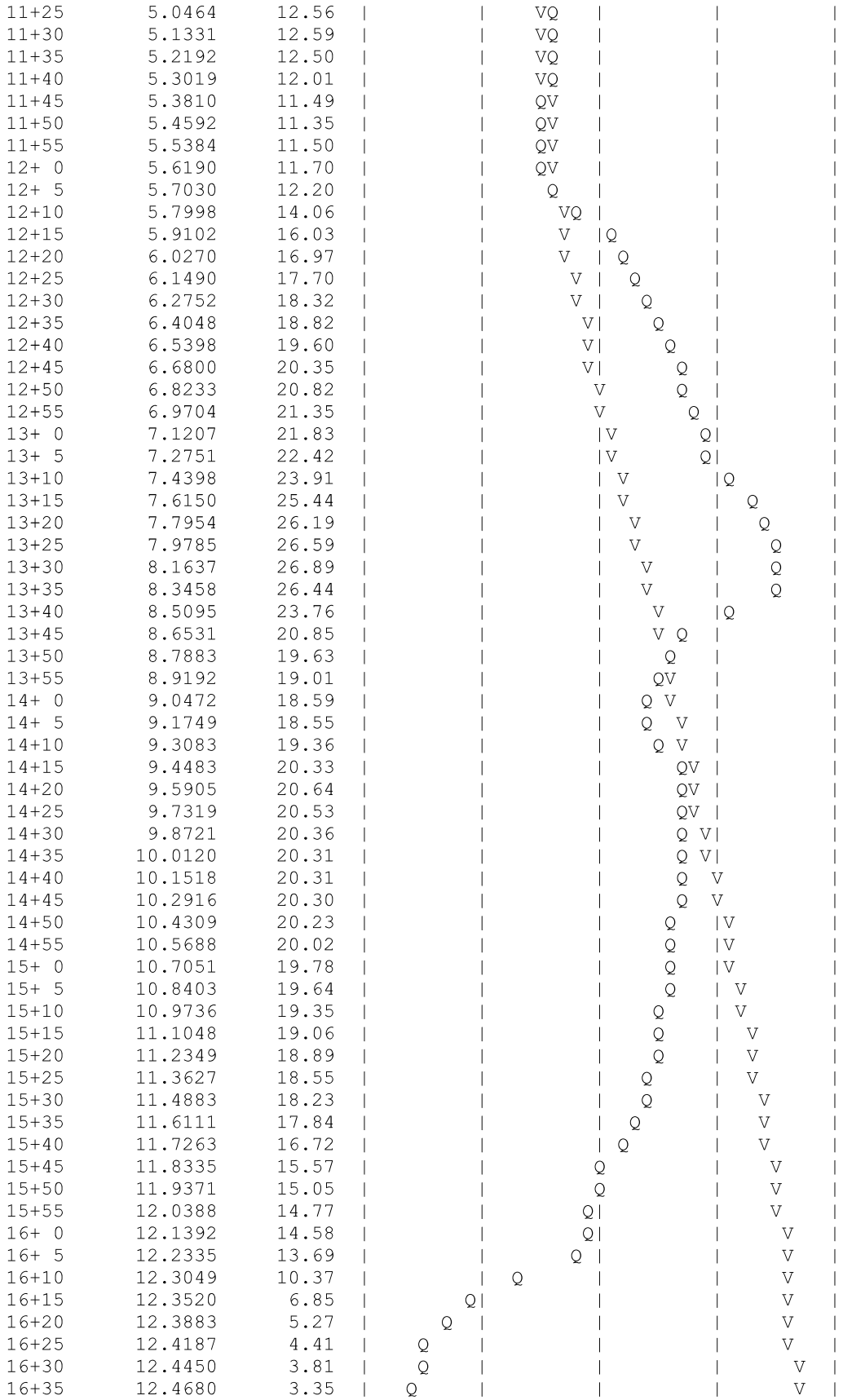
194	16.17	0.13	0.065	(0.071)	0.030	0.034
195	16.25	0.13	0.065	(0.071)	0.030	0.034
196	16.33	0.13	0.065	(0.071)	0.030	0.034
197	16.42	0.13	0.065	(0.070)	0.030	0.034
198	16.50	0.13	0.065	(0.070)	0.030	0.034
199	16.58	0.10	0.049	(0.070)	0.023	0.026
200	16.67	0.10	0.049	(0.069)	0.023	0.026
201	16.75	0.10	0.049	(0.069)	0.023	0.026
202	16.83	0.10	0.049	(0.069)	0.023	0.026
203	16.92	0.10	0.049	(0.068)	0.023	0.026
204	17.00	0.10	0.049	(0.068)	0.023	0.026
205	17.08	0.17	0.081	(0.068)	0.038	0.043
206	17.17	0.17	0.081	(0.067)	0.038	0.043
207	17.25	0.17	0.081	(0.067)	0.038	0.043
208	17.33	0.17	0.081	(0.067)	0.038	0.043
209	17.42	0.17	0.081	(0.066)	0.038	0.043
210	17.50	0.17	0.081	(0.066)	0.038	0.043
211	17.58	0.17	0.081	(0.066)	0.038	0.043
212	17.67	0.17	0.081	(0.065)	0.038	0.043
213	17.75	0.17	0.081	(0.065)	0.038	0.043
214	17.83	0.13	0.065	(0.065)	0.030	0.034
215	17.92	0.13	0.065	(0.064)	0.030	0.034
216	18.00	0.13	0.065	(0.064)	0.030	0.034
217	18.08	0.13	0.065	(0.064)	0.030	0.034
218	18.17	0.13	0.065	(0.063)	0.030	0.034
219	18.25	0.13	0.065	(0.063)	0.030	0.034
220	18.33	0.13	0.065	(0.063)	0.030	0.034
221	18.42	0.13	0.065	(0.062)	0.030	0.034
222	18.50	0.13	0.065	(0.062)	0.030	0.034
223	18.58	0.10	0.049	(0.062)	0.023	0.026
224	18.67	0.10	0.049	(0.062)	0.023	0.026
225	18.75	0.10	0.049	(0.061)	0.023	0.026
226	18.83	0.07	0.032	(0.061)	0.015	0.017
227	18.92	0.07	0.032	(0.061)	0.015	0.017
228	19.00	0.07	0.032	(0.060)	0.015	0.017
229	19.08	0.10	0.049	(0.060)	0.023	0.026
230	19.17	0.10	0.049	(0.060)	0.023	0.026
231	19.25	0.10	0.049	(0.060)	0.023	0.026
232	19.33	0.13	0.065	(0.059)	0.030	0.034
233	19.42	0.13	0.065	(0.059)	0.030	0.034
234	19.50	0.13	0.065	(0.059)	0.030	0.034
235	19.58	0.10	0.049	(0.058)	0.023	0.026
236	19.67	0.10	0.049	(0.058)	0.023	0.026
237	19.75	0.10	0.049	(0.058)	0.023	0.026
238	19.83	0.07	0.032	(0.058)	0.015	0.017
239	19.92	0.07	0.032	(0.057)	0.015	0.017
240	20.00	0.07	0.032	(0.057)	0.015	0.017
241	20.08	0.10	0.049	(0.057)	0.023	0.026
242	20.17	0.10	0.049	(0.057)	0.023	0.026
243	20.25	0.10	0.049	(0.056)	0.023	0.026
244	20.33	0.10	0.049	(0.056)	0.023	0.026
245	20.42	0.10	0.049	(0.056)	0.023	0.026
246	20.50	0.10	0.049	(0.056)	0.023	0.026
247	20.58	0.10	0.049	(0.055)	0.023	0.026
248	20.67	0.10	0.049	(0.055)	0.023	0.026
249	20.75	0.10	0.049	(0.055)	0.023	0.026
250	20.83	0.07	0.032	(0.055)	0.015	0.017
251	20.92	0.07	0.032	(0.054)	0.015	0.017
252	21.00	0.07	0.032	(0.054)	0.015	0.017
253	21.08	0.10	0.049	(0.054)	0.023	0.026
254	21.17	0.10	0.049	(0.054)	0.023	0.026
255	21.25	0.10	0.049	(0.054)	0.023	0.026
256	21.33	0.07	0.032	(0.053)	0.015	0.017

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257  21.42     0.07      0.032       (  0.053)       0.015        0.017
258  21.50     0.07      0.032       (  0.053)       0.015        0.017
259  21.58     0.10      0.049       (  0.053)       0.023        0.026
260  21.67     0.10      0.049       (  0.053)       0.023        0.026
261  21.75     0.10      0.049       (  0.052)       0.023        0.026
262  21.83     0.07      0.032       (  0.052)       0.015        0.017
263  21.92     0.07      0.032       (  0.052)       0.015        0.017
264  22.00     0.07      0.032       (  0.052)       0.015        0.017
265  22.08     0.10      0.049       (  0.052)       0.023        0.026
266  22.17     0.10      0.049       (  0.052)       0.023        0.026
267  22.25     0.10      0.049       (  0.051)       0.023        0.026
268  22.33     0.07      0.032       (  0.051)       0.015        0.017
269  22.42     0.07      0.032       (  0.051)       0.015        0.017
270  22.50     0.07      0.032       (  0.051)       0.015        0.017
271  22.58     0.07      0.032       (  0.051)       0.015        0.017
272  22.67     0.07      0.032       (  0.051)       0.015        0.017
273  22.75     0.07      0.032       (  0.051)       0.015        0.017
274  22.83     0.07      0.032       (  0.050)       0.015        0.017
275  22.92     0.07      0.032       (  0.050)       0.015        0.017
276  23.00     0.07      0.032       (  0.050)       0.015        0.017
277  23.08     0.07      0.032       (  0.050)       0.015        0.017
278  23.17     0.07      0.032       (  0.050)       0.015        0.017
279  23.25     0.07      0.032       (  0.050)       0.015        0.017
280  23.33     0.07      0.032       (  0.050)       0.015        0.017
281  23.42     0.07      0.032       (  0.050)       0.015        0.017
282  23.50     0.07      0.032       (  0.050)       0.015        0.017
283  23.58     0.07      0.032       (  0.049)       0.015        0.017
284  23.67     0.07      0.032       (  0.049)       0.015        0.017
285  23.75     0.07      0.032       (  0.049)       0.015        0.017
286  23.83     0.07      0.032       (  0.049)       0.015        0.017
287  23.92     0.07      0.032       (  0.049)       0.015        0.017
288  24.00     0.07      0.032       (  0.049)       0.015        0.017
            (Loss Rate Not Used)
    Sum =     100.0                                    Sum =    32.8
     Flood volume = Effective rainfall      2.74(In)
      times area      59.0(Ac.)/[(In)/(Ft.)] =      13.4(Ac.Ft)
     Total soil loss =      1.31(In)
     Total soil loss =     6.462(Ac.Ft)
     Total rainfall =      4.05(In)
     Flood volume =      585805.2 Cubic Feet
     Total soil loss =      281483.3 Cubic Feet
     ---------------------------------------------------------------------
      Peak flow rate of this hydrograph =     26.887(CFS)
     ---------------------------------------------------------------------
     +++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
                        24 - H O U R    S T O R M
                    R u n o f f      H y d r o g r a p h
     ---------------------------------------------------------------------
                 Hydrograph in   5   Minute intervals ((CFS))

     ---------------------------------------------------------------------
 Time(h+m) Volume Ac.Ft   Q(CFS)  0        7.5      15.0      22.5      30.0
 ---------------------------------------------------------------------------
   0+ 5       0.0004      0.06  Q          |          |          |          |
   0+10       0.0028      0.34  Q          |          |          |          |
   0+15       0.0071      0.63  Q          |          |          |          |
   0+20       0.0126      0.79  VQ         |          |          |          |
   0+25       0.0195      1.00  VQ         |          |          |          |
   0+30       0.0277      1.19  VQ         |          |          |          |
   0+35       0.0366      1.29  VQ         |          |          |          |
   0+40       0.0460      1.35  VQ         |          |          |          |
   0+45       0.0556      1.40  VQ         |          |          |          |
   0+50       0.0656      1.46  VQ         |          |          |          |
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0+55       0.0768      1.63  V Q        |          |          |          |
1+ 0       0.0892      1.79  V Q        |          |          |          |
1+ 5       0.1018      1.84  V Q        |          |          |          |
1+10       0.1139      1.75  V Q        |          |          |          |
1+15       0.1251      1.64  V Q        |          |          |          |
1+20       0.1362      1.60  V Q        |          |          |          |
1+25       0.1470      1.58  V Q        |          |          |          |
1+30       0.1578      1.57  V Q        |          |          |          |
1+35       0.1686      1.56  V Q        |          |          |          |
1+40       0.1793      1.56  V Q        |          |          |          |
1+45       0.1900      1.55  V Q        |          |          |          |
1+50       0.2009      1.58  V Q        |          |          |          |
1+55       0.2127      1.71  V Q        |          |          |          |
2+ 0       0.2255      1.86  V Q        |          |          |          |
2+ 5       0.2387      1.92  V Q        |          |          |          |
2+10       0.2522      1.95  V Q        |          |          |          |
2+15       0.2658      1.97  V Q        |          |          |          |
2+20       0.2795      1.99  V Q        |          |          |          |
2+25       0.2933      2.00  V Q        |          |          |          |
2+30       0.3071      2.01  V Q        |          |          |          |
2+35       0.3212      2.05  V Q        |          |          |          |
2+40       0.3363      2.19  |VQ        |          |          |          |
2+45       0.3525      2.35  |V Q       |          |          |          |
2+50       0.3691      2.42  |V Q       |          |          |          |
2+55       0.3860      2.45  |V Q       |          |          |          |
3+ 0       0.4031      2.48  |V Q       |          |          |          |
3+ 5       0.4203      2.50  |V Q       |          |          |          |
3+10       0.4376      2.51  |V Q       |          |          |          |
3+15       0.4550      2.52  |V Q       |          |          |          |
3+20       0.4724      2.53  |V Q       |          |          |          |
3+25       0.4899      2.54  |V Q       |          |          |          |
3+30       0.5074      2.54  |V Q       |          |          |          |
3+35       0.5249      2.54  |V Q       |          |          |          |
3+40       0.5424      2.55  |V Q       |          |          |          |
3+45       0.5600      2.55  |V Q       |          |          |          |
3+50       0.5778      2.59  |V Q       |          |          |          |
3+55       0.5966      2.72  |V Q       |          |          |          |
4+ 0       0.6163      2.87  |V Q       |          |          |          |
4+ 5       0.6366      2.93  |V Q       |          |          |          |
4+10       0.6570      2.97  |V Q       |          |          |          |
4+15       0.6776      2.99  | VQ       |          |          |          |
4+20       0.6986      3.04  | V Q      |          |          |          |
4+25       0.7205      3.19  | V Q      |          |          |          |
4+30       0.7436      3.35  | V Q      |          |          |          |
4+35       0.7672      3.42  | V Q      |          |          |          |
4+40       0.7910      3.46  | V Q      |          |          |          |
4+45       0.8151      3.49  | V Q      |          |          |          |
4+50       0.8395      3.54  | V Q      |          |          |          |
4+55       0.8649      3.70  | V Q      |          |          |          |
5+ 0       0.8915      3.86  | V  Q     |          |          |          |
5+ 5       0.9181      3.87  | V  Q     |          |          |          |
5+10       0.9432      3.63  | V Q      |          |          |          |
5+15       0.9664      3.37  | V Q      |          |          |          |
5+20       0.9890      3.29  | V Q      |          |          |          |
5+25       1.0123      3.38  |  VQ      |          |          |          |
5+30       1.0363      3.49  |  VQ      |          |          |          |
5+35       1.0609      3.56  |  VQ      |          |          |          |
5+40       1.0864      3.71  |  VQ      |          |          |          |
5+45       1.1131      3.87  |  V Q     |          |          |          |
5+50       1.1402      3.94  |  V Q     |          |          |          |
5+55       1.1676      3.98  |  V Q     |          |          |          |
6+ 0       1.1952      4.00  |  V Q     |          |          |          |
6+ 5       1.2232      4.06  |  V Q     |          |          |          |
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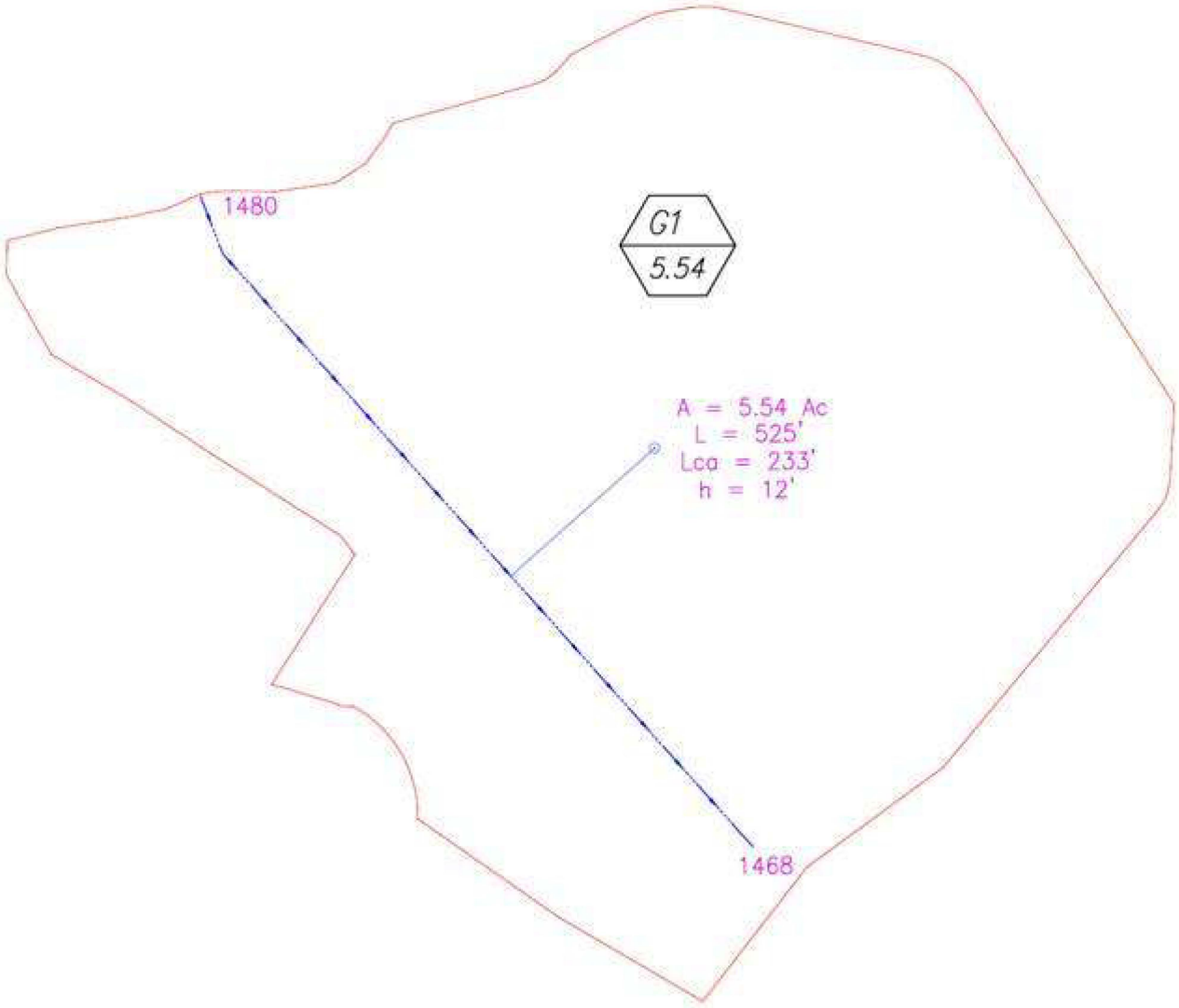
6+10	1.2521	4.21	| V Q |	|	|	|
6+15	1.2822	4.36	| V Q |	|	|	|
6+20	1.3127	4.43	| V Q |	|	|	|
6+25	1.3436	4.48	| V Q |	|	|	|
6+30	1.3746	4.51	| V Q |	|	|	|
6+35	1.4061	4.57	| V Q |	|	|	|
6+40	1.4386	4.72	| V Q |	|	|	|
6+45	1.4722	4.88	| V Q |	|	|	|
6+50	1.5063	4.95	| V Q |	|	|	|
6+55	1.5407	4.99	| V Q |	|	|	|
7+ 0	1.5753	5.02	| V Q |	|	|	|
7+ 5	1.6100	5.04	| V Q |	|	|	|
7+10	1.6449	5.06	| V Q |	|	|	|
7+15	1.6798	5.07	| V Q |	|	|	|
7+20	1.7150	5.12	| VQ |	|	|	|
7+25	1.7512	5.26	| V Q |	|	|	|
7+30	1.7885	5.41	| V Q |	|	|	|
7+35	1.8265	5.51	| V Q |	|	|	|
7+40	1.8656	5.69	| V Q |	|	|	|
7+45	1.9060	5.86	| V Q |	|	|	|
7+50	1.9472	5.98	| V Q |	|	|	|
7+55	1.9896	6.16	| V Q |	|	|	|
8+ 0	2.0333	6.34	| V Q |	|	|	|
8+ 5	2.0780	6.50	| V Q |	|	|	|
8+10	2.1250	6.82	| V Q|	|	|	|
8+15	2.1743	7.16	| V Q|	|	|	|
8+20	2.2247	7.31	| V Q|	|	|	|
8+25	2.2757	7.41	| V Q|	|	|	|
8+30	2.3272	7.48	| V Q|	|	|	|
8+35	2.3796	7.61	| V Q |	|	|	|
8+40	2.4342	7.93	| V Q |	|	|	|
8+45	2.4911	8.26	| V |Q |	|	|	|
8+50	2.5496	8.49	| V |Q |	|	|	|
8+55	2.6106	8.86	| V |Q |	|	|	|
9+ 0	2.6741	9.22	| V | Q |	|	|	|
9+ 5	2.7398	9.54	| V | Q |	|	|	|
9+10	2.8099	10.18	| V | Q |	|	|	|
9+15	2.8845	10.83	| V | Q |	|	|	|
9+20	2.9618	11.22	| V | Q |	|	|	|
9+25	3.0422	11.68	| V| Q |	|	|	|
9+30	3.1255	12.10	| V| Q |	|	|	|
9+35	3.2109	12.40	| V| Q |	|	|	|
9+40	3.2992	12.82	| V| Q |	|	|	|
9+45	3.3903	13.23	| V Q |	|	|	|
9+50	3.4834	13.51	| V Q |	|	|	|
9+55	3.5793	13.92	| V Q |	|	|	|
10+ 0	3.6779	14.32	| V Q|	|	|	|
10+ 5	3.7751	14.11	| |V Q |	|	|	|
10+10	3.8608	12.44	| |V Q |	|	|	|
10+15	3.9339	10.61	| |V Q |	|	|	|
10+20	4.0017	9.86	| |V Q |	|	|	|
10+25	4.0670	9.48	| | Q |	|	|	|
10+30	4.1305	9.22	| | Q |	|	|	|
10+35	4.1950	9.36	| | Q |	|	|	|
10+40	4.2675	10.53	| | V Q |	|	|	|
10+45	4.3490	11.83	| | V Q |	|	|	|
10+50	4.4342	12.38	| | V Q |	|	|	|
10+55	4.5214	12.65	| | V Q |	|	|	|
11+ 0	4.6098	12.85	| | V Q |	|	|	|
11+ 5	4.6989	12.93	| | V Q |	|	|	|
11+10	4.7869	12.78	| | V Q |	|	|	|
11+15	4.8736	12.59	| | V Q |	|	|	|
11+20	4.9599	12.53	| | V Q |	|	|	|



11+25	5.0464	12.56	
11+30	5.1331	12.59	
11+35	5.2192	12.50	
11+40	5.3019	12.01	
11+45	5.3810	11.49	
11+50	5.4592	11.35	
11+55	5.5384	11.50	
12+ 0	5.6190	11.70	
12+ 5	5.7030	12.20	
12+10	5.7998	14.06	
12+15	5.9102	16.03	
12+20	6.0270	16.97	
12+25	6.1490	17.70	
12+30	6.2752	18.32	
12+35	6.4048	18.82	
12+40	6.5398	19.60	
12+45	6.6800	20.35	
12+50	6.8233	20.82	
12+55	6.9704	21.35	
13+ 0	7.1207	21.83	
13+ 5	7.2751	22.42	
13+10	7.4398	23.91	
13+15	7.6150	25.44	
13+20	7.7954	26.19	
13+25	7.9785	26.59	
13+30	8.1637	26.89	
13+35	8.3458	26.44	
13+40	8.5095	23.76	
13+45	8.6531	20.85	
13+50	8.7883	19.63	
13+55	8.9192	19.01	
14+ 0	9.0472	18.59	
14+ 5	9.1749	18.55	
14+10	9.3083	19.36	
14+15	9.4483	20.33	
14+20	9.5905	20.64	
14+25	9.7319	20.53	
14+30	9.8721	20.36	
14+35	10.0120	20.31	
14+40	10.1518	20.31	
14+45	10.2916	20.30	
14+50	10.4309	20.23	
14+55	10.5688	20.02	
15+ 0	10.7051	19.78	
15+ 5	10.8403	19.64	
15+10	10.9736	19.35	
15+15	11.1048	19.06	
15+20	11.2349	18.89	
15+25	11.3627	18.55	
15+30	11.4883	18.23	
15+35	11.6111	17.84	
15+40	11.7263	16.72	
15+45	11.8335	15.57	
15+50	11.9371	15.05	
15+55	12.0388	14.77	
16+ 0	12.1392	14.58	
16+ 5	12.2335	13.69	
16+10	12.3049	10.37	
16+15	12.3520	6.85	
16+20	12.3883	5.27	
16+25	12.4187	4.41	
16+30	12.4450	3.81	
16+35	12.4680	3.35	

16+40	12.4879	2.88	| Q	|	|	| V |
16+45	12.5051	2.50	| Q	|	|	| V |
16+50	12.5204	2.22	| Q	|	|	| V |
16+55	12.5344	2.04	| Q	|	|	| V |
17+ 0	12.5475	1.90	| Q	|	|	| V |
17+ 5	12.5603	1.85	| Q	|	|	| V |
17+10	12.5744	2.05	| Q	|	|	| V |
17+15	12.5900	2.27	| Q	|	|	| V |
17+20	12.6060	2.32	| Q	|	|	| V |
17+25	12.6224	2.38	| Q	|	|	| V |
17+30	12.6391	2.42	| Q	|	|	| V |
17+35	12.6560	2.45	| Q	|	|	| V |
17+40	12.6730	2.48	| Q	|	|	| V |
17+45	12.6902	2.49	| Q	|	|	| V |
17+50	12.7072	2.47	| Q	|	|	| V |
17+55	12.7234	2.35	| Q	|	|	| V |
18+ 0	12.7386	2.21	| Q	|	|	| V |
18+ 5	12.7535	2.16	| Q	|	|	| V |
18+10	12.7681	2.13	| Q	|	|	| V |
18+15	12.7826	2.11	| Q	|	|	| V |
18+20	12.7971	2.10	| Q	|	|	| V |
18+25	12.8114	2.08	| Q	|	|	| V |
18+30	12.8257	2.07	| Q	|	|	| V |
18+35	12.8398	2.03	| Q	|	|	| V |
18+40	12.8528	1.89	| Q	|	|	| V |
18+45	12.8648	1.74	| Q	|	|	| V |
18+50	12.8760	1.64	| Q	|	|	| V |
18+55	12.8861	1.46	|Q	|	|	| V |
19+ 0	12.8950	1.29	|Q	|	|	| V |
19+ 5	12.9035	1.24	|Q	|	|	| V |
19+10	12.9127	1.33	|Q	|	|	| V |
19+15	12.9226	1.44	|Q	|	|	| V |
19+20	12.9330	1.51	| Q	|	|	| V |
19+25	12.9445	1.67	| Q	|	|	| V |
19+30	12.9570	1.82	| Q	|	|	| V |
19+35	12.9698	1.86	| Q	|	|	| V |
19+40	12.9820	1.76	| Q	|	|	| V |
19+45	12.9933	1.64	| Q	|	|	| V |
19+50	13.0040	1.56	| Q	|	|	| V |
19+55	13.0137	1.40	|Q	|	|	| V |
20+ 0	13.0223	1.25	|Q	|	|	| V |
20+ 5	13.0306	1.21	|Q	|	|	| V |
20+10	13.0395	1.30	|Q	|	|	| V |
20+15	13.0494	1.43	|Q	|	|	| V |
20+20	13.0595	1.47	|Q	|	|	| V |
20+25	13.0698	1.49	|Q	|	|	| V |
20+30	13.0801	1.50	| Q	|	|	| V |
20+35	13.0905	1.51	| Q	|	|	| V |
20+40	13.1009	1.51	| Q	|	|	| V |
20+45	13.1114	1.52	| Q	|	|	| V |
20+50	13.1216	1.48	|Q	|	|	| V|
20+55	13.1309	1.35	|Q	|	|	| V|
21+ 0	13.1392	1.21	|Q	|	|	| V|
21+ 5	13.1473	1.17	|Q	|	|	| V|
21+10	13.1561	1.28	|Q	|	|	| V|
21+15	13.1658	1.41	|Q	|	|	| V|
21+20	13.1756	1.42	|Q	|	|	| V|
21+25	13.1846	1.31	|Q	|	|	| V|
21+30	13.1927	1.18	|Q	|	|	| V|
21+35	13.2007	1.15	|Q	|	|	| V|
21+40	13.2094	1.26	|Q	|	|	| V|
21+45	13.2189	1.39	|Q	|	|	| V|
21+50	13.2286	1.41	|Q	|	|	| V|

21+55	13.2376	1.30	|Q	|	|	|	V|
22+ 0	13.2456	1.17	|Q	|	|	|	V|
22+ 5	13.2535	1.14	|Q	|	|	|	V|
22+10	13.2622	1.26	|Q	|	|	|	V|
22+15	13.2717	1.39	|Q	|	|	|	V|
22+20	13.2814	1.41	|Q	|	|	|	V|
22+25	13.2903	1.30	|Q	|	|	|	V|
22+30	13.2984	1.17	|Q	|	|	|	V|
22+35	13.3060	1.11	|Q	|	|	|	V|
22+40	13.3135	1.09	|Q	|	|	|	V|
22+45	13.3209	1.07	|Q	|	|	|	V|
22+50	13.3282	1.06	|Q	|	|	|	V|
22+55	13.3354	1.05	|Q	|	|	|	V|
23+ 0	13.3426	1.04	|Q	|	|	|	V|
23+ 5	13.3498	1.04	|Q	|	|	|	V|
23+10	13.3569	1.03	|Q	|	|	|	V|
23+15	13.3640	1.03	|Q	|	|	|	V|
23+20	13.3711	1.03	|Q	|	|	|	V|
23+25	13.3782	1.03	|Q	|	|	|	V|
23+30	13.3852	1.02	|Q	|	|	|	V|
23+35	13.3923	1.02	|Q	|	|	|	V|
23+40	13.3993	1.02	|Q	|	|	|	V|
23+45	13.4063	1.02	|Q	|	|	|	V|
23+50	13.4134	1.02	|Q	|	|	|	V|
23+55	13.4204	1.02	|Q	|	|	|	V|
24+ 0	13.4274	1.02	|Q	|	|	|	V|
24+ 5	13.4340	0.96	|Q	|	|	|	V|
24+10	13.4387	0.68	Q	|	|	|	V|
24+15	13.4414	0.39	Q	|	|	|	V|
24+20	13.4432	0.26	Q	|	|	|	V|
24+25	13.4445	0.19	Q	|	|	|	V|
24+30	13.4455	0.14	Q	|	|	|	V|
24+35	13.4462	0.11	Q	|	|	|	V|
24+40	13.4468	0.08	Q	|	|	|	V|
24+45	13.4472	0.06	Q	|	|	|	V|
24+50	13.4476	0.05	Q	|	|	|	V|
24+55	13.4478	0.04	Q	|	|	|	V|
25+ 0	13.4480	0.03	Q	|	|	|	V|
25+ 5	13.4481	0.02	Q	|	|	|	V|
25+10	13.4482	0.01	Q	|	|	|	V|
25+15	13.4482	0.01	Q	|	|	|	V|



Hydrograph Area G

```
                U n i t   H y d r o g r a p h   A n a l y s i s

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Riverside County Synthetic Unit Hydrology Method
RCFC & WCD Manual date - April 1978


Program License Serial Number 4029

------------------------------------------------------------------------
 English (in-lb) Input Units Used
 English Rainfall Data (Inches) Input Values Used

 English Units used in output format



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

Tract 38163 - Keller Crossing
Hydrograph Area G1 = 5.54 Ac - Multi Family
100-year 1-hour storm



----------------------------------------------------------------------
Drainage Area =       5.54(Ac.)  =      0.009 Sq. Mi.
Drainage Area for Depth-Area Areal Adjustment =       5.54(Ac.)  =      0.009 Sq. Mi.
Length along longest watercourse =     525.00(Ft.)
Length along longest watercourse measured to centroid =     233.00(Ft.)
Length along longest watercourse =      0.099 Mi.
Length along longest watercourse measured to centroid =      0.044 Mi.
Difference in elevation =      12.00(Ft.)
Slope along watercourse =    120.6857 Ft./Mi.
Average Manning's 'N' = 0.015
Lag time =    0.018 Hr.
Lag time =     1.10 Min.
25% of lag time =     0.28 Min.
40% of lag time =     0.44 Min.
Unit time =     5.00 Min.
Duration of storm = 1 Hour(s)
User Entered Base Flow =     0.00(CFS)

2 YEAR Area rainfall data:


Area(Ac.)[1]       Rainfall(In)[2]      Weighting[1*2]
        5.54          0.50                 2.77

100 YEAR Area rainfall data:


Area(Ac.)[1]       Rainfall(In)[2]      Weighting[1*2]
        5.54          1.20                 6.65

STORM EVENT (YEAR) =  100.00
Area Averaged 2-Year Rainfall =    0.500(In)
```

```
Area Averaged 100-Year Rainfall =    1.200(In)

Point rain (area averaged) =    1.200(In)
Areal adjustment factor =   99.99 %
Adjusted average point rain =    1.200(In)

Sub-Area Data:
Area(Ac.)          Runoff Index    Impervious %
     0.380            69.00           0.030
     5.160            71.30           0.850
 Total Area Entered =      5.54(Ac.)


RI    RI   Infil. Rate Impervious   Adj. Infil. Rate  Area%     F
AMC2 AMC-3     (In/Hr)    (Dec.%)      (In/Hr)       (Dec.)    (In/Hr)
69.0  84.4      0.194     0.030         0.189        0.069      0.013
71.3  85.8      0.178     0.850         0.042        0.931      0.039
                                                  Sum (F) =    0.052
Area averaged mean soil loss (F) (In/Hr) =  0.052
Minimum soil loss rate ((In/Hr)) =  0.026
(for 24 hour storm duration)
Soil low loss rate (decimal) =   0.260
------------------------------------------------------------------------
Slope of intensity-duration curve for a 1 hour storm =0.5500
------------------------------------------------------------------------

              U n i t  H y d r o g r a p h
                     VALLEY S-Curve
-------------------------------------------------------------------
              Unit Hydrograph Data
-------------------------------------------------------------------
Unit time period   Time % of lag   Distribution   Unit Hydrograph
    (hrs)                          Graph %           (CFS)
-------------------------------------------------------------------
    1   0.083        452.873         68.408             3.819
    2   0.167        905.747         31.592             1.764
                              Sum = 100.000   Sum=       5.583
-------------------------------------------------------------------

 The following loss rate calculations reflect use of the minimum calculated loss
 rate subtracted from the Storm Rain to produce the maximum Effective Rain value

  Unit Time   Pattern   Storm Rain     Loss rate(In./Hr)     Effective
       (Hr.)  Percent   (In/Hr)         Max   |   Low         (In/Hr)
   1   0.08     3.30      0.475          0.052    (  0.124)        0.423
   2   0.17     4.20      0.605          0.052    (  0.157)        0.553
   3   0.25     4.40      0.634          0.052    (  0.165)        0.582
   4   0.33     4.80      0.691          0.052    (  0.180)        0.639
   5   0.42     5.20      0.749          0.052    (  0.195)        0.697
   6   0.50     6.20      0.893          0.052    (  0.232)        0.841
   7   0.58     6.80      0.979          0.052    (  0.255)        0.927
   8   0.67     8.80      1.267          0.052    (  0.329)        1.215
   9   0.75    13.90      2.001          0.052    (  0.520)        1.950
  10   0.83    31.40      4.521          0.052    (  1.176)        4.469
  11   0.92     7.20      1.037          0.052    (  0.270)        0.985
  12   1.00     3.80      0.547          0.052    (  0.142)        0.495
             (Loss Rate Not Used)
     Sum =     100.0                                 Sum =    13.8
      Flood volume = Effective rainfall      1.15(In)
       times area       5.5(Ac.)/[(In)/(Ft.)] =       0.5(Ac.Ft)
      Total soil loss =      0.05(In)
      Total soil loss =     0.024(Ac.Ft)
```

```
      Total rainfall =      1.20(In)
      Flood volume =       23086.9 Cubic Feet
      Total soil loss =        1044.1 Cubic Feet
      ---------------------------------------------------------------------
       Peak flow rate of this hydrograph =     20.520(CFS)
      ---------------------------------------------------------------------
      +++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
                         1 - H O U R    S T O R M
                    R u n o f f      H y d r o g r a p h
      ---------------------------------------------------------------------
                  Hydrograph in   5   Minute intervals ((CFS))

      ---------------------------------------------------------------------
  Time(h+m) Volume Ac.Ft   Q(CFS)  0        7.5      15.0      22.5      30.0
  ---------------------------------------------------------------------------
    0+ 5       0.0111      1.62  V Q       |         |         |         |
    0+10       0.0308      2.86  | VQ      |         |         |         |
    0+15       0.0529      3.20  |  VQ     |         |         |         |
    0+20       0.0768      3.47  |   QV    |         |         |         |
    0+25       0.1029      3.79  |    Q V  |         |         |         |
    0+30       0.1335      4.44  |    Q    V         |         |         |
    0+35       0.1681      5.03  |     Q   | V       |         |         |
    0+40       0.2113      6.28  |       Q |    V    |         |         |
    0+45       0.2774      9.59  |         | Q       V         |         |
    0+50       0.4187     20.52  |         |         |      Q  |V        |
    0+55       0.4990     11.65  |         |    Q    |         |      V  |
    1+ 0       0.5240      3.63  |   Q     |         |         |        V|
    1+ 5       0.5300      0.87  |Q        |         |         |         V
  ---------------------------------------------------------------------------
```

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      U n i t   H y d r o g r a p h   A n a l y s i s

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            Study date  08/31/22 File: kchydg13100.out

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Riverside County Synthetic Unit Hydrology Method
RCFC & WCD Manual date - April 1978


Program License Serial Number 4029

------------------------------------------------------------------------
 English (in-lb) Input Units Used
 English Rainfall Data (Inches) Input Values Used

 English Units used in output format



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

Tract 38163 - Keller Crossing
Hydrograph Area G1 = 5.54 Ac - Multi Family
100-year 3-hour storm


------------------------------------------------------------------------
Drainage Area =       5.54(Ac.)  =      0.009 Sq. Mi.
Drainage Area for Depth-Area Areal Adjustment =       5.54(Ac.)  =      0.009 Sq. Mi.
Length along longest watercourse =     525.00(Ft.)
Length along longest watercourse measured to centroid =     233.00(Ft.)
Length along longest watercourse =      0.099 Mi.
Length along longest watercourse measured to centroid =      0.044 Mi.
Difference in elevation =      12.00(Ft.)
Slope along watercourse =    120.6857 Ft./Mi.
Average Manning's 'N' = 0.015
Lag time =    0.018 Hr.
Lag time =     1.10 Min.
25% of lag time =     0.28 Min.
40% of lag time =     0.44 Min.
Unit time =     5.00 Min.
Duration of storm = 3 Hour(s)
User Entered Base Flow =     0.00(CFS)

2 YEAR Area rainfall data:


Area(Ac.)[1]       Rainfall(In)[2]      Weighting[1*2]
        5.54          0.77                 4.27

100 YEAR Area rainfall data:


Area(Ac.)[1]       Rainfall(In)[2]      Weighting[1*2]
        5.54          1.77                 9.81

STORM EVENT (YEAR) =  100.00
Area Averaged 2-Year Rainfall =    0.770(In)
```

Area Averaged 100-Year Rainfall = 1.770(In)

Point rain (area averaged) = 1.770(In)
Areal adjustment factor = 100.00 %
Adjusted average point rain = 1.770(In)

Sub-Area Data:

Area(Ac.)	Runoff Index	Impervious %
0.380	69.00	0.030
5.160	71.30	0.850

Total Area Entered = 5.54(Ac.)

RI AMC2	RI AMC-3	Infil. Rate (In/Hr)	Impervious (Dec.%)	Adj. Infil. Rate (In/Hr)	Area% (Dec.)	F (In/Hr)
69.0	84.4	0.194	0.030	0.189	0.069	0.013
71.3	85.8	0.178	0.850	0.042	0.931	0.039
					Sum (F) =	0.052

Area averaged mean soil loss (F) (In/Hr) = 0.052
Minimum soil loss rate ((In/Hr)) = 0.026
(for 24 hour storm duration)
Soil low loss rate (decimal) = 0.260

U n i t H y d r o g r a p h
VALLEY S-Curve

Unit Hydrograph Data

Unit time period (hrs)		Time % of lag	Distribution Graph %		Unit Hydrograph (CFS)
1	0.083	452.873	68.408		3.819
2	0.167	905.747	31.592		1.764
			Sum = 100.000	Sum=	5.583

The following loss rate calculations reflect use of the minimum calculated loss rate subtracted from the Storm Rain to produce the maximum Effective Rain value

Unit	Time (Hr.)	Pattern Percent	Storm Rain (In/Hr)	Loss rate(In./Hr) Max	Low	Effective (In/Hr)
1	0.08	1.30	0.276	0.052	(0.072)	0.224
2	0.17	1.30	0.276	0.052	(0.072)	0.224
3	0.25	1.10	0.234	0.052	(0.061)	0.182
4	0.33	1.50	0.319	0.052	(0.083)	0.267
5	0.42	1.50	0.319	0.052	(0.083)	0.267
6	0.50	1.80	0.382	0.052	(0.099)	0.330
7	0.58	1.50	0.319	0.052	(0.083)	0.267
8	0.67	1.80	0.382	0.052	(0.099)	0.330
9	0.75	1.80	0.382	0.052	(0.099)	0.330
10	0.83	1.50	0.319	0.052	(0.083)	0.267
11	0.92	1.60	0.340	0.052	(0.088)	0.288
12	1.00	1.80	0.382	0.052	(0.099)	0.330
13	1.08	2.20	0.467	0.052	(0.121)	0.415
14	1.17	2.20	0.467	0.052	(0.121)	0.415
15	1.25	2.20	0.467	0.052	(0.121)	0.415
16	1.33	2.00	0.425	0.052	(0.110)	0.373
17	1.42	2.60	0.552	0.052	(0.144)	0.500
18	1.50	2.70	0.573	0.052	(0.149)	0.522
19	1.58	2.40	0.510	0.052	(0.133)	0.458
20	1.67	2.70	0.573	0.052	(0.149)	0.522

```
21   1.75     3.30      0.701          0.052    (  0.182)        0.649
22   1.83     3.10      0.658          0.052    (  0.171)        0.607
23   1.92     2.90      0.616          0.052    (  0.160)        0.564
24   2.00     3.00      0.637          0.052    (  0.166)        0.585
25   2.08     3.10      0.658          0.052    (  0.171)        0.607
26   2.17     4.20      0.892          0.052    (  0.232)        0.840
27   2.25     5.00      1.062          0.052    (  0.276)        1.010
28   2.33     3.50      0.743          0.052    (  0.193)        0.691
29   2.42     6.80      1.444          0.052    (  0.376)        1.392
30   2.50     7.30      1.550          0.052    (  0.403)        1.499
31   2.58     8.20      1.742          0.052    (  0.453)        1.690
32   2.67     5.90      1.253          0.052    (  0.326)        1.201
33   2.75     2.00      0.425          0.052    (  0.110)        0.373
34   2.83     1.80      0.382          0.052    (  0.099)        0.330
35   2.92     1.80      0.382          0.052    (  0.099)        0.330
36   3.00     0.60      0.127       (  0.052)       0.033        0.094
            (Loss Rate Not Used)
   Sum =     100.0                                    Sum =    19.4
    Flood volume = Effective rainfall      1.62(In)
     times area       5.5(Ac.)/[(In)/(Ft.)] =       0.7(Ac.Ft)
    Total soil loss =      0.15(In)
    Total soil loss =     0.071(Ac.Ft)
    Total rainfall =      1.77(In)
    Flood volume =       32493.2 Cubic Feet
    Total soil loss =        3101.0 Cubic Feet
    ---------------------------------------------------------------------
     Peak flow rate of this hydrograph =      9.102(CFS)
    ---------------------------------------------------------------------
    +++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
                      3 - H O U R    S T O R M
                   R u n o f f      H y d r o g r a p h
    ---------------------------------------------------------------------
                Hydrograph in   5   Minute intervals ((CFS))

    ---------------------------------------------------------------------
Time(h+m) Volume Ac.Ft   Q(CFS)  0        2.5       5.0       7.5      10.0
---------------------------------------------------------------------
  0+ 5       0.0059      0.86  V  Q      |         |         |         |
  0+10       0.0145      1.25  V    Q    |         |         |         |
  0+15       0.0220      1.09  |V  Q     |         |         |         |
  0+20       0.0313      1.34  |V   Q    |         |         |         |
  0+25       0.0415      1.49  | V  Q    |         |         |         |
  0+30       0.0535      1.73  | V   Q   |         |         |         |
  0+35       0.0645      1.60  |  V  Q   |         |         |         |
  0+40       0.0764      1.73  |   V Q   |         |         |         |
  0+45       0.0891      1.85  |   V  Q  |         |         |         |
  0+50       0.1002      1.60  |    VQ   |         |         |         |
  0+55       0.1110      1.57  |    VQ   |         |         |         |
  1+ 0       0.1232      1.77  |     VQ  |         |         |         |
  1+ 5       0.1381      2.17  |      VQ |         |         |         |
  1+10       0.1541      2.32  |       VQ|         |         |         |
  1+15       0.1701      2.32  |        Q|         |         |         |
  1+20       0.1849      2.16  |       QV|         |         |         |
  1+25       0.2026      2.57  |         Q         |         |         |
  1+30       0.2225      2.88  |         |Q        |         |         |
  1+35       0.2408      2.67  |         Q V       |         |         |
  1+40       0.2601      2.80  |         |Q V      |         |         |
  1+45       0.2836      3.40  |         |  Q V    |         |         |
  1+50       0.3074      3.46  |         |  Q  V   |         |         |
  1+55       0.3296      3.23  |         | Q    V  |         |         |
  2+ 0       0.3519      3.23  |         | Q     V |         |         |
  2+ 5       0.3750      3.35  |         |  Q      V         |         |
  2+10       0.4044      4.28  |         |      Q  |V        |         |
```

```
    2+15       0.4412      5.34  |          |          |Q V       |          |
    2+20       0.4717      4.42  |          |       Q  |    V     |          |
    2+25       0.5168      6.54  |          |          |     QV   |          |
    2+30       0.5731      8.18  |          |          |          V Q        |
    2+35       0.6358      9.10  |          |          |          |   V Q    |
    2+40       0.6879      7.57  |          |          |          Q     V    |
    2+45       0.7124      3.54  |          |   Q      |          |        V |
    2+50       0.7256      1.92  |       Q  |          |          |        V |
    2+55       0.7383      1.85  |       Q  |          |          |         V|
    3+ 0       0.7448      0.94  |  Q       |          |          |         V|
    3+ 5       0.7459      0.17  Q          |          |          |         V|
-------------------------------------------------------------------------
```

```
      U n i t   H y d r o g r a p h   A n a l y s i s

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            Study date  08/31/22 File: kchydg16100.out


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

Riverside County Synthetic Unit Hydrology Method
RCFC & WCD Manual date - April 1978


Program License Serial Number 4029

------------------------------------------------------------------------
 English (in-lb) Input Units Used
 English Rainfall Data (Inches) Input Values Used

 English Units used in output format



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

Tract 38163 - Keller Crossing
Hydrograph Area G1 = 5.54 Ac - Multi Family
100-year 6-hour storm


------------------------------------------------------------------------
Drainage Area =       5.54(Ac.)  =      0.009 Sq. Mi.
Drainage Area for Depth-Area Areal Adjustment =       5.54(Ac.)  =      0.009 Sq. Mi.
Length along longest watercourse =     525.00(Ft.)
Length along longest watercourse measured to centroid =     233.00(Ft.)
Length along longest watercourse =      0.099 Mi.
Length along longest watercourse measured to centroid =      0.044 Mi.
Difference in elevation =      12.00(Ft.)
Slope along watercourse =    120.6857 Ft./Mi.
Average Manning's 'N' = 0.015
Lag time =    0.018 Hr.
Lag time =     1.10 Min.
25% of lag time =     0.28 Min.
40% of lag time =     0.44 Min.
Unit time =     5.00 Min.
Duration of storm = 6 Hour(s)
User Entered Base Flow =     0.00(CFS)

2 YEAR Area rainfall data:


Area(Ac.)[1]       Rainfall(In)[2]      Weighting[1*2]
        5.54          0.95                 5.26

100 YEAR Area rainfall data:


Area(Ac.)[1]       Rainfall(In)[2]      Weighting[1*2]
        5.54          2.45                13.57

STORM EVENT (YEAR) =  100.00
Area Averaged 2-Year Rainfall =    0.950(In)
```

```
Area Averaged 100-Year Rainfall =    2.450(In)

Point rain (area averaged) =    2.450(In)
Areal adjustment factor =  100.00 %
Adjusted average point rain =    2.450(In)

Sub-Area Data:
Area(Ac.)          Runoff Index    Impervious %
     0.380            69.00          0.030
     5.160            71.30          0.850
 Total Area Entered =      5.54(Ac.)


RI    RI   Infil. Rate Impervious   Adj. Infil. Rate  Area%     F
AMC2 AMC-3     (In/Hr)    (Dec.%)      (In/Hr)       (Dec.)    (In/Hr)
69.0  84.4      0.194     0.030         0.189        0.069      0.013
71.3  85.8      0.178     0.850         0.042        0.931      0.039
                                                  Sum (F) =    0.052
Area averaged mean soil loss (F) (In/Hr) =  0.052
Minimum soil loss rate ((In/Hr)) =  0.026
(for 24 hour storm duration)
Soil low loss rate (decimal) =   0.260
------------------------------------------------------------------------

              U n i t  H y d r o g r a p h
                     VALLEY S-Curve
------------------------------------------------------------------------
              Unit Hydrograph Data
------------------------------------------------------------------------
Unit time period   Time % of lag   Distribution   Unit Hydrograph
    (hrs)                           Graph %            (CFS)
------------------------------------------------------------------------
    1   0.083        452.873         68.408              3.819
    2   0.167        905.747         31.592              1.764
                              Sum = 100.000   Sum=       5.583
------------------------------------------------------------------------

 The following loss rate calculations reflect use of the minimum calculated loss
 rate subtracted from the Storm Rain to produce the maximum Effective Rain value

 Unit Time   Pattern   Storm Rain     Loss rate(In./Hr)     Effective
      (Hr.)  Percent   (In/Hr)         Max   |   Low         (In/Hr)
  1   0.08     0.50      0.147       (  0.052)       0.038        0.109
  2   0.17     0.60      0.176       (  0.052)       0.046        0.131
  3   0.25     0.60      0.176       (  0.052)       0.046        0.131
  4   0.33     0.60      0.176       (  0.052)       0.046        0.131
  5   0.42     0.60      0.176       (  0.052)       0.046        0.131
  6   0.50     0.70      0.206          0.052    (  0.054)        0.154
  7   0.58     0.70      0.206          0.052    (  0.054)        0.154
  8   0.67     0.70      0.206          0.052    (  0.054)        0.154
  9   0.75     0.70      0.206          0.052    (  0.054)        0.154
 10   0.83     0.70      0.206          0.052    (  0.054)        0.154
 11   0.92     0.70      0.206          0.052    (  0.054)        0.154
 12   1.00     0.80      0.235          0.052    (  0.061)        0.183
 13   1.08     0.80      0.235          0.052    (  0.061)        0.183
 14   1.17     0.80      0.235          0.052    (  0.061)        0.183
 15   1.25     0.80      0.235          0.052    (  0.061)        0.183
 16   1.33     0.80      0.235          0.052    (  0.061)        0.183
 17   1.42     0.80      0.235          0.052    (  0.061)        0.183
 18   1.50     0.80      0.235          0.052    (  0.061)        0.183
 19   1.58     0.80      0.235          0.052    (  0.061)        0.183
 20   1.67     0.80      0.235          0.052    (  0.061)        0.183
```

21	1.75	0.80	0.235	0.052	(0.061)	0.183
22	1.83	0.80	0.235	0.052	(0.061)	0.183
23	1.92	0.80	0.235	0.052	(0.061)	0.183
24	2.00	0.90	0.265	0.052	(0.069)	0.213
25	2.08	0.80	0.235	0.052	(0.061)	0.183
26	2.17	0.90	0.265	0.052	(0.069)	0.213
27	2.25	0.90	0.265	0.052	(0.069)	0.213
28	2.33	0.90	0.265	0.052	(0.069)	0.213
29	2.42	0.90	0.265	0.052	(0.069)	0.213
30	2.50	0.90	0.265	0.052	(0.069)	0.213
31	2.58	0.90	0.265	0.052	(0.069)	0.213
32	2.67	0.90	0.265	0.052	(0.069)	0.213
33	2.75	1.00	0.294	0.052	(0.076)	0.242
34	2.83	1.00	0.294	0.052	(0.076)	0.242
35	2.92	1.00	0.294	0.052	(0.076)	0.242
36	3.00	1.00	0.294	0.052	(0.076)	0.242
37	3.08	1.00	0.294	0.052	(0.076)	0.242
38	3.17	1.10	0.323	0.052	(0.084)	0.271
39	3.25	1.10	0.323	0.052	(0.084)	0.271
40	3.33	1.10	0.323	0.052	(0.084)	0.271
41	3.42	1.20	0.353	0.052	(0.092)	0.301
42	3.50	1.30	0.382	0.052	(0.099)	0.330
43	3.58	1.40	0.412	0.052	(0.107)	0.360
44	3.67	1.40	0.412	0.052	(0.107)	0.360
45	3.75	1.50	0.441	0.052	(0.115)	0.389
46	3.83	1.50	0.441	0.052	(0.115)	0.389
47	3.92	1.60	0.470	0.052	(0.122)	0.418
48	4.00	1.60	0.470	0.052	(0.122)	0.418
49	4.08	1.70	0.500	0.052	(0.130)	0.448
50	4.17	1.80	0.529	0.052	(0.138)	0.477
51	4.25	1.90	0.559	0.052	(0.145)	0.507
52	4.33	2.00	0.588	0.052	(0.153)	0.536
53	4.42	2.10	0.617	0.052	(0.161)	0.565
54	4.50	2.10	0.617	0.052	(0.161)	0.565
55	4.58	2.20	0.647	0.052	(0.168)	0.595
56	4.67	2.30	0.676	0.052	(0.176)	0.624
57	4.75	2.40	0.706	0.052	(0.183)	0.654
58	4.83	2.40	0.706	0.052	(0.183)	0.654
59	4.92	2.50	0.735	0.052	(0.191)	0.683
60	5.00	2.60	0.764	0.052	(0.199)	0.712
61	5.08	3.10	0.911	0.052	(0.237)	0.859
62	5.17	3.60	1.058	0.052	(0.275)	1.006
63	5.25	3.90	1.147	0.052	(0.298)	1.095
64	5.33	4.20	1.235	0.052	(0.321)	1.183
65	5.42	4.70	1.382	0.052	(0.359)	1.330
66	5.50	5.60	1.646	0.052	(0.428)	1.594
67	5.58	1.90	0.559	0.052	(0.145)	0.507
68	5.67	0.90	0.265	0.052	(0.069)	0.213
69	5.75	0.60	0.176	(0.052)	0.046	0.131
70	5.83	0.50	0.147	(0.052)	0.038	0.109
71	5.92	0.30	0.088	(0.052)	0.023	0.065
72	6.00	0.20	0.059	(0.052)	0.015	0.044

(Loss Rate Not Used)

Sum = 100.0 Sum = 25.8

Flood volume = Effective rainfall 2.15(In)
times area 5.5(Ac.)/[(In)/(Ft.)] = 1.0(Ac.Ft)
Total soil loss = 0.30(In)
Total soil loss = 0.139(Ac.Ft)
Total rainfall = 2.45(In)
Flood volume = 43210.8 Cubic Feet
Total soil loss = 6058.2 Cubic Feet

Peak flow rate of this hydrograph = 8.440(CFS)

6 - H O U R S T O R M
R u n o f f H y d r o g r a p h

Hydrograph in 5 Minute intervals ((CFS))

Time(h+m)	Volume Ac.Ft	Q(CFS)	0 2.5 5.0 7.5 10.0
0+ 5	0.0029	0.42	VQ
0+10	0.0076	0.69	V Q
0+15	0.0126	0.73	V Q
0+20	0.0177	0.73	V Q
0+25	0.0227	0.73	V Q
0+30	0.0283	0.82	|V Q
0+35	0.0342	0.86	|V Q
0+40	0.0402	0.86	|V Q
0+45	0.0461	0.86	|V Q
0+50	0.0520	0.86	| VQ
0+55	0.0579	0.86	| VQ
1+ 0	0.0646	0.97	| VQ
1+ 5	0.0717	1.02	| V Q
1+10	0.0787	1.02	| VQ
1+15	0.0858	1.02	| VQ
1+20	0.0928	1.02	| VQ
1+25	0.0999	1.02	| Q
1+30	0.1069	1.02	| Q
1+35	0.1140	1.02	| Q
1+40	0.1210	1.02	| Q
1+45	0.1281	1.02	| QV
1+50	0.1351	1.02	| QV
1+55	0.1422	1.02	| QV
2+ 0	0.1500	1.14	| Q V
2+ 5	0.1574	1.08	| Q V
2+10	0.1652	1.14	| Q V
2+15	0.1734	1.19	| Q V
2+20	0.1816	1.19	| Q V
2+25	0.1898	1.19	| Q V
2+30	0.1980	1.19	| Q V
2+35	0.2061	1.19	| Q V
2+40	0.2143	1.19	| Q V
2+45	0.2233	1.30	| Q V|
2+50	0.2326	1.35	| Q V|
2+55	0.2419	1.35	| Q V|
3+ 0	0.2512	1.35	| Q V
3+ 5	0.2605	1.35	| Q V
3+10	0.2706	1.46	| Q V
3+15	0.2811	1.52	| Q |V
3+20	0.2915	1.52	| Q |V
3+25	0.3027	1.63	| Q | V
3+30	0.3151	1.79	| Q | V
3+35	0.3286	1.96	| Q | V
3+40	0.3424	2.01	| Q | V
3+45	0.3570	2.12	| Q | V
3+50	0.3720	2.17	| Q | V
3+55	0.3877	2.29	| Q| V
4+ 0	0.4038	2.34	| Q| V
4+ 5	0.4207	2.45	| Q| V
4+10	0.4387	2.61	| Q V
4+15	0.4578	2.78	| |Q V
4+20	0.4781	2.94	| |Q V|
4+25	0.4995	3.11	| | Q V

```
    4+30       0.5212      3.16  |          | Q        |V         |          |
    4+35       0.5438      3.27  |          |  Q       |V         |          |
    4+40       0.5674      3.44  |          |  Q       | V        |          |
    4+45       0.5922      3.60  |          |   Q      |  V       |          |
    4+50       0.6174      3.65  |          |   Q      |   V      |          |
    4+55       0.6433      3.76  |          |    Q     |    V     |          |
    5+ 0       0.6703      3.93  |          |    Q     |      V   |          |
    5+ 5       0.7016      4.54  |          |       Q  |       V  |          |
    5+10       0.7386      5.36  |          |          |Q       V |          |
    5+15       0.7796      5.96  |          |          |  Q       |V         |
    5+20       0.8240      6.45  |          |          |    Q     |  V       |
    5+25       0.8734      7.17  |          |          |       Q  |    V     |
    5+30       0.9315      8.44  |          |          |          |  Q   V   |
    5+35       0.9643      4.75  |          |         Q|          |       V  |
    5+40       0.9760      1.71  |     Q    |          |          |         V|
    5+45       0.9820      0.87  |  Q       |          |          |         V|
    5+50       0.9865      0.65  | Q        |          |          |         V|
    5+55       0.9895      0.44  |Q         |          |          |         V|
    6+ 0       0.9915      0.28  |Q         |          |          |         V|
    6+ 5       0.9920      0.08  Q          |          |          |          V
-------------------------------------------------------------------------
```

```
      U n i t   H y d r o g r a p h   A n a l y s i s

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            Study date  08/31/22 File: kchydg124100.out


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

Riverside County Synthetic Unit Hydrology Method
RCFC & WCD Manual date - April 1978


Program License Serial Number 4029

------------------------------------------------------------------------
 English (in-lb) Input Units Used
 English Rainfall Data (Inches) Input Values Used

 English Units used in output format



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

Tract 38163 - Keller Crossing
Hydrograph Area G1 = 5.54 Ac - Multi Family
100-year 24-hour storm


----------------------------------------------------------------------
Drainage Area =       5.54(Ac.)  =      0.009 Sq. Mi.
Drainage Area for Depth-Area Areal Adjustment =       5.54(Ac.)  =      0.009 Sq. Mi.
Length along longest watercourse =     525.00(Ft.)
Length along longest watercourse measured to centroid =     233.00(Ft.)
Length along longest watercourse =      0.099 Mi.
Length along longest watercourse measured to centroid =      0.044 Mi.
Difference in elevation =      12.00(Ft.)
Slope along watercourse =    120.6857 Ft./Mi.
Average Manning's 'N' = 0.015
Lag time =    0.018 Hr.
Lag time =     1.10 Min.
25% of lag time =     0.28 Min.
40% of lag time =     0.44 Min.
Unit time =     5.00 Min.
Duration of storm = 24 Hour(s)
User Entered Base Flow =     0.00(CFS)

2 YEAR Area rainfall data:


Area(Ac.)[1]       Rainfall(In)[2]      Weighting[1*2]
        5.54          1.55                 8.59

100 YEAR Area rainfall data:


Area(Ac.)[1]       Rainfall(In)[2]      Weighting[1*2]
        5.54          4.05                22.44

STORM EVENT (YEAR) =  100.00
Area Averaged 2-Year Rainfall =    1.550(In)
```

```
Area Averaged 100-Year Rainfall =    4.050(In)

Point rain (area averaged) =    4.050(In)
Areal adjustment factor =  100.00 %
Adjusted average point rain =    4.050(In)

Sub-Area Data:
Area(Ac.)          Runoff Index    Impervious %
     0.380            69.00          0.030
     5.160            71.30          0.850
 Total Area Entered =      5.54(Ac.)


RI    RI   Infil. Rate Impervious   Adj. Infil. Rate  Area%     F
AMC2 AMC-3     (In/Hr)    (Dec.%)      (In/Hr)       (Dec.)    (In/Hr)
69.0  84.4      0.194     0.030         0.189        0.069      0.013
71.3  85.8      0.178     0.850         0.042        0.931      0.039
                                                  Sum (F) =    0.052
Area averaged mean soil loss (F) (In/Hr) =  0.052
Minimum soil loss rate ((In/Hr)) =  0.026
(for 24 hour storm duration)
Soil low loss rate (decimal) =   0.260
------------------------------------------------------------------------

              U n i t  H y d r o g r a p h
                     VALLEY S-Curve
------------------------------------------------------------------------
              Unit Hydrograph Data
------------------------------------------------------------------------
Unit time period   Time % of lag   Distribution   Unit Hydrograph
    (hrs)                           Graph %            (CFS)
------------------------------------------------------------------------
    1   0.083        452.873         68.408              3.819
    2   0.167        905.747         31.592              1.764
                              Sum = 100.000   Sum=       5.583
------------------------------------------------------------------------

 The following loss rate calculations reflect use of the minimum calculated loss
 rate subtracted from the Storm Rain to produce the maximum Effective Rain value

 Unit Time   Pattern   Storm Rain     Loss rate(In./Hr)     Effective
      (Hr.)  Percent   (In/Hr)         Max   |   Low         (In/Hr)
  1   0.08     0.07      0.032       (  0.092)       0.008        0.024
  2   0.17     0.07      0.032       (  0.092)       0.008        0.024
  3   0.25     0.07      0.032       (  0.091)       0.008        0.024
  4   0.33     0.10      0.049       (  0.091)       0.013        0.036
  5   0.42     0.10      0.049       (  0.091)       0.013        0.036
  6   0.50     0.10      0.049       (  0.090)       0.013        0.036
  7   0.58     0.10      0.049       (  0.090)       0.013        0.036
  8   0.67     0.10      0.049       (  0.090)       0.013        0.036
  9   0.75     0.10      0.049       (  0.089)       0.013        0.036
 10   0.83     0.13      0.065       (  0.089)       0.017        0.048
 11   0.92     0.13      0.065       (  0.089)       0.017        0.048
 12   1.00     0.13      0.065       (  0.088)       0.017        0.048
 13   1.08     0.10      0.049       (  0.088)       0.013        0.036
 14   1.17     0.10      0.049       (  0.087)       0.013        0.036
 15   1.25     0.10      0.049       (  0.087)       0.013        0.036
 16   1.33     0.10      0.049       (  0.087)       0.013        0.036
 17   1.42     0.10      0.049       (  0.086)       0.013        0.036
 18   1.50     0.10      0.049       (  0.086)       0.013        0.036
 19   1.58     0.10      0.049       (  0.086)       0.013        0.036
 20   1.67     0.10      0.049       (  0.085)       0.013        0.036
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21	1.75	0.10	0.049	(0.085)	0.013	0.036
22	1.83	0.13	0.065	(0.085)	0.017	0.048
23	1.92	0.13	0.065	(0.084)	0.017	0.048
24	2.00	0.13	0.065	(0.084)	0.017	0.048
25	2.08	0.13	0.065	(0.084)	0.017	0.048
26	2.17	0.13	0.065	(0.083)	0.017	0.048
27	2.25	0.13	0.065	(0.083)	0.017	0.048
28	2.33	0.13	0.065	(0.083)	0.017	0.048
29	2.42	0.13	0.065	(0.082)	0.017	0.048
30	2.50	0.13	0.065	(0.082)	0.017	0.048
31	2.58	0.17	0.081	(0.082)	0.021	0.060
32	2.67	0.17	0.081	(0.081)	0.021	0.060
33	2.75	0.17	0.081	(0.081)	0.021	0.060
34	2.83	0.17	0.081	(0.081)	0.021	0.060
35	2.92	0.17	0.081	(0.080)	0.021	0.060
36	3.00	0.17	0.081	(0.080)	0.021	0.060
37	3.08	0.17	0.081	(0.080)	0.021	0.060
38	3.17	0.17	0.081	(0.079)	0.021	0.060
39	3.25	0.17	0.081	(0.079)	0.021	0.060
40	3.33	0.17	0.081	(0.079)	0.021	0.060
41	3.42	0.17	0.081	(0.078)	0.021	0.060
42	3.50	0.17	0.081	(0.078)	0.021	0.060
43	3.58	0.17	0.081	(0.078)	0.021	0.060
44	3.67	0.17	0.081	(0.077)	0.021	0.060
45	3.75	0.17	0.081	(0.077)	0.021	0.060
46	3.83	0.20	0.097	(0.077)	0.025	0.072
47	3.92	0.20	0.097	(0.076)	0.025	0.072
48	4.00	0.20	0.097	(0.076)	0.025	0.072
49	4.08	0.20	0.097	(0.076)	0.025	0.072
50	4.17	0.20	0.097	(0.075)	0.025	0.072
51	4.25	0.20	0.097	(0.075)	0.025	0.072
52	4.33	0.23	0.113	(0.075)	0.029	0.084
53	4.42	0.23	0.113	(0.074)	0.029	0.084
54	4.50	0.23	0.113	(0.074)	0.029	0.084
55	4.58	0.23	0.113	(0.074)	0.029	0.084
56	4.67	0.23	0.113	(0.074)	0.029	0.084
57	4.75	0.23	0.113	(0.073)	0.029	0.084
58	4.83	0.27	0.130	(0.073)	0.034	0.096
59	4.92	0.27	0.130	(0.073)	0.034	0.096
60	5.00	0.27	0.130	(0.072)	0.034	0.096
61	5.08	0.20	0.097	(0.072)	0.025	0.072
62	5.17	0.20	0.097	(0.072)	0.025	0.072
63	5.25	0.20	0.097	(0.071)	0.025	0.072
64	5.33	0.23	0.113	(0.071)	0.029	0.084
65	5.42	0.23	0.113	(0.071)	0.029	0.084
66	5.50	0.23	0.113	(0.070)	0.029	0.084
67	5.58	0.27	0.130	(0.070)	0.034	0.096
68	5.67	0.27	0.130	(0.070)	0.034	0.096
69	5.75	0.27	0.130	(0.069)	0.034	0.096
70	5.83	0.27	0.130	(0.069)	0.034	0.096
71	5.92	0.27	0.130	(0.069)	0.034	0.096
72	6.00	0.27	0.130	(0.069)	0.034	0.096
73	6.08	0.30	0.146	(0.068)	0.038	0.108
74	6.17	0.30	0.146	(0.068)	0.038	0.108
75	6.25	0.30	0.146	(0.068)	0.038	0.108
76	6.33	0.30	0.146	(0.067)	0.038	0.108
77	6.42	0.30	0.146	(0.067)	0.038	0.108
78	6.50	0.30	0.146	(0.067)	0.038	0.108
79	6.58	0.33	0.162	(0.066)	0.042	0.120
80	6.67	0.33	0.162	(0.066)	0.042	0.120
81	6.75	0.33	0.162	(0.066)	0.042	0.120
82	6.83	0.33	0.162	(0.066)	0.042	0.120
83	6.92	0.33	0.162	(0.065)	0.042	0.120

84	7.00	0.33	0.162	(0.065)	0.042	0.120
85	7.08	0.33	0.162	(0.065)	0.042	0.120
86	7.17	0.33	0.162	(0.064)	0.042	0.120
87	7.25	0.33	0.162	(0.064)	0.042	0.120
88	7.33	0.37	0.178	(0.064)	0.046	0.132
89	7.42	0.37	0.178	(0.063)	0.046	0.132
90	7.50	0.37	0.178	(0.063)	0.046	0.132
91	7.58	0.40	0.194	(0.063)	0.051	0.144
92	7.67	0.40	0.194	(0.063)	0.051	0.144
93	7.75	0.40	0.194	(0.062)	0.051	0.144
94	7.83	0.43	0.211	(0.062)	0.055	0.156
95	7.92	0.43	0.211	(0.062)	0.055	0.156
96	8.00	0.43	0.211	(0.061)	0.055	0.156
97	8.08	0.50	0.243	0.061	(0.063)	0.182
98	8.17	0.50	0.243	0.061	(0.063)	0.182
99	8.25	0.50	0.243	0.061	(0.063)	0.182
100	8.33	0.50	0.243	0.060	(0.063)	0.183
101	8.42	0.50	0.243	0.060	(0.063)	0.183
102	8.50	0.50	0.243	0.060	(0.063)	0.183
103	8.58	0.53	0.259	0.059	(0.067)	0.200
104	8.67	0.53	0.259	0.059	(0.067)	0.200
105	8.75	0.53	0.259	0.059	(0.067)	0.200
106	8.83	0.57	0.275	0.059	(0.072)	0.217
107	8.92	0.57	0.275	0.058	(0.072)	0.217
108	9.00	0.57	0.275	0.058	(0.072)	0.217
109	9.08	0.63	0.308	0.058	(0.080)	0.250
110	9.17	0.63	0.308	0.058	(0.080)	0.250
111	9.25	0.63	0.308	0.057	(0.080)	0.251
112	9.33	0.67	0.324	0.057	(0.084)	0.267
113	9.42	0.67	0.324	0.057	(0.084)	0.267
114	9.50	0.67	0.324	0.056	(0.084)	0.268
115	9.58	0.70	0.340	0.056	(0.088)	0.284
116	9.67	0.70	0.340	0.056	(0.088)	0.284
117	9.75	0.70	0.340	0.056	(0.088)	0.285
118	9.83	0.73	0.356	0.055	(0.093)	0.301
119	9.92	0.73	0.356	0.055	(0.093)	0.301
120	10.00	0.73	0.356	0.055	(0.093)	0.302
121	10.08	0.50	0.243	0.055	(0.063)	0.188
122	10.17	0.50	0.243	0.054	(0.063)	0.189
123	10.25	0.50	0.243	0.054	(0.063)	0.189
124	10.33	0.50	0.243	0.054	(0.063)	0.189
125	10.42	0.50	0.243	0.054	(0.063)	0.189
126	10.50	0.50	0.243	0.053	(0.063)	0.190
127	10.58	0.67	0.324	0.053	(0.084)	0.271
128	10.67	0.67	0.324	0.053	(0.084)	0.271
129	10.75	0.67	0.324	0.052	(0.084)	0.272
130	10.83	0.67	0.324	0.052	(0.084)	0.272
131	10.92	0.67	0.324	0.052	(0.084)	0.272
132	11.00	0.67	0.324	0.052	(0.084)	0.272
133	11.08	0.63	0.308	0.051	(0.080)	0.256
134	11.17	0.63	0.308	0.051	(0.080)	0.257
135	11.25	0.63	0.308	0.051	(0.080)	0.257
136	11.33	0.63	0.308	0.051	(0.080)	0.257
137	11.42	0.63	0.308	0.050	(0.080)	0.257
138	11.50	0.63	0.308	0.050	(0.080)	0.258
139	11.58	0.57	0.275	0.050	(0.072)	0.225
140	11.67	0.57	0.275	0.050	(0.072)	0.226
141	11.75	0.57	0.275	0.049	(0.072)	0.226
142	11.83	0.60	0.292	0.049	(0.076)	0.242
143	11.92	0.60	0.292	0.049	(0.076)	0.243
144	12.00	0.60	0.292	0.049	(0.076)	0.243
145	12.08	0.83	0.405	0.048	(0.105)	0.357
146	12.17	0.83	0.405	0.048	(0.105)	0.357

147	12.25	0.83	0.405	0.048	(0.105)	0.357
148	12.33	0.87	0.421	0.048	(0.110)	0.373
149	12.42	0.87	0.421	0.048	(0.110)	0.374
150	12.50	0.87	0.421	0.047	(0.110)	0.374
151	12.58	0.93	0.454	0.047	(0.118)	0.407
152	12.67	0.93	0.454	0.047	(0.118)	0.407
153	12.75	0.93	0.454	0.047	(0.118)	0.407
154	12.83	0.97	0.470	0.046	(0.122)	0.423
155	12.92	0.97	0.470	0.046	(0.122)	0.424
156	13.00	0.97	0.470	0.046	(0.122)	0.424
157	13.08	1.13	0.551	0.046	(0.143)	0.505
158	13.17	1.13	0.551	0.045	(0.143)	0.505
159	13.25	1.13	0.551	0.045	(0.143)	0.506
160	13.33	1.13	0.551	0.045	(0.143)	0.506
161	13.42	1.13	0.551	0.045	(0.143)	0.506
162	13.50	1.13	0.551	0.044	(0.143)	0.506
163	13.58	0.77	0.373	0.044	(0.097)	0.328
164	13.67	0.77	0.373	0.044	(0.097)	0.329
165	13.75	0.77	0.373	0.044	(0.097)	0.329
166	13.83	0.77	0.373	0.044	(0.097)	0.329
167	13.92	0.77	0.373	0.043	(0.097)	0.329
168	14.00	0.77	0.373	0.043	(0.097)	0.329
169	14.08	0.90	0.437	0.043	(0.114)	0.394
170	14.17	0.90	0.437	0.043	(0.114)	0.395
171	14.25	0.90	0.437	0.042	(0.114)	0.395
172	14.33	0.87	0.421	0.042	(0.110)	0.379
173	14.42	0.87	0.421	0.042	(0.110)	0.379
174	14.50	0.87	0.421	0.042	(0.110)	0.379
175	14.58	0.87	0.421	0.042	(0.110)	0.380
176	14.67	0.87	0.421	0.041	(0.110)	0.380
177	14.75	0.87	0.421	0.041	(0.110)	0.380
178	14.83	0.83	0.405	0.041	(0.105)	0.364
179	14.92	0.83	0.405	0.041	(0.105)	0.364
180	15.00	0.83	0.405	0.041	(0.105)	0.364
181	15.08	0.80	0.389	0.040	(0.101)	0.348
182	15.17	0.80	0.389	0.040	(0.101)	0.349
183	15.25	0.80	0.389	0.040	(0.101)	0.349
184	15.33	0.77	0.373	0.040	(0.097)	0.333
185	15.42	0.77	0.373	0.040	(0.097)	0.333
186	15.50	0.77	0.373	0.039	(0.097)	0.333
187	15.58	0.63	0.308	0.039	(0.080)	0.269
188	15.67	0.63	0.308	0.039	(0.080)	0.269
189	15.75	0.63	0.308	0.039	(0.080)	0.269
190	15.83	0.63	0.308	0.039	(0.080)	0.269
191	15.92	0.63	0.308	0.038	(0.080)	0.269
192	16.00	0.63	0.308	0.038	(0.080)	0.270
193	16.08	0.13	0.065	(0.038)	0.017	0.048
194	16.17	0.13	0.065	(0.038)	0.017	0.048
195	16.25	0.13	0.065	(0.038)	0.017	0.048
196	16.33	0.13	0.065	(0.037)	0.017	0.048
197	16.42	0.13	0.065	(0.037)	0.017	0.048
198	16.50	0.13	0.065	(0.037)	0.017	0.048
199	16.58	0.10	0.049	(0.037)	0.013	0.036
200	16.67	0.10	0.049	(0.037)	0.013	0.036
201	16.75	0.10	0.049	(0.036)	0.013	0.036
202	16.83	0.10	0.049	(0.036)	0.013	0.036
203	16.92	0.10	0.049	(0.036)	0.013	0.036
204	17.00	0.10	0.049	(0.036)	0.013	0.036
205	17.08	0.17	0.081	(0.036)	0.021	0.060
206	17.17	0.17	0.081	(0.036)	0.021	0.060
207	17.25	0.17	0.081	(0.035)	0.021	0.060
208	17.33	0.17	0.081	(0.035)	0.021	0.060
209	17.42	0.17	0.081	(0.035)	0.021	0.060

210	17.50	0.17	0.081	(0.035)	0.021	0.060
211	17.58	0.17	0.081	(0.035)	0.021	0.060
212	17.67	0.17	0.081	(0.034)	0.021	0.060
213	17.75	0.17	0.081	(0.034)	0.021	0.060
214	17.83	0.13	0.065	(0.034)	0.017	0.048
215	17.92	0.13	0.065	(0.034)	0.017	0.048
216	18.00	0.13	0.065	(0.034)	0.017	0.048
217	18.08	0.13	0.065	(0.034)	0.017	0.048
218	18.17	0.13	0.065	(0.033)	0.017	0.048
219	18.25	0.13	0.065	(0.033)	0.017	0.048
220	18.33	0.13	0.065	(0.033)	0.017	0.048
221	18.42	0.13	0.065	(0.033)	0.017	0.048
222	18.50	0.13	0.065	(0.033)	0.017	0.048
223	18.58	0.10	0.049	(0.033)	0.013	0.036
224	18.67	0.10	0.049	(0.032)	0.013	0.036
225	18.75	0.10	0.049	(0.032)	0.013	0.036
226	18.83	0.07	0.032	(0.032)	0.008	0.024
227	18.92	0.07	0.032	(0.032)	0.008	0.024
228	19.00	0.07	0.032	(0.032)	0.008	0.024
229	19.08	0.10	0.049	(0.032)	0.013	0.036
230	19.17	0.10	0.049	(0.032)	0.013	0.036
231	19.25	0.10	0.049	(0.031)	0.013	0.036
232	19.33	0.13	0.065	(0.031)	0.017	0.048
233	19.42	0.13	0.065	(0.031)	0.017	0.048
234	19.50	0.13	0.065	(0.031)	0.017	0.048
235	19.58	0.10	0.049	(0.031)	0.013	0.036
236	19.67	0.10	0.049	(0.031)	0.013	0.036
237	19.75	0.10	0.049	(0.031)	0.013	0.036
238	19.83	0.07	0.032	(0.030)	0.008	0.024
239	19.92	0.07	0.032	(0.030)	0.008	0.024
240	20.00	0.07	0.032	(0.030)	0.008	0.024
241	20.08	0.10	0.049	(0.030)	0.013	0.036
242	20.17	0.10	0.049	(0.030)	0.013	0.036
243	20.25	0.10	0.049	(0.030)	0.013	0.036
244	20.33	0.10	0.049	(0.030)	0.013	0.036
245	20.42	0.10	0.049	(0.029)	0.013	0.036
246	20.50	0.10	0.049	(0.029)	0.013	0.036
247	20.58	0.10	0.049	(0.029)	0.013	0.036
248	20.67	0.10	0.049	(0.029)	0.013	0.036
249	20.75	0.10	0.049	(0.029)	0.013	0.036
250	20.83	0.07	0.032	(0.029)	0.008	0.024
251	20.92	0.07	0.032	(0.029)	0.008	0.024
252	21.00	0.07	0.032	(0.029)	0.008	0.024
253	21.08	0.10	0.049	(0.029)	0.013	0.036
254	21.17	0.10	0.049	(0.028)	0.013	0.036
255	21.25	0.10	0.049	(0.028)	0.013	0.036
256	21.33	0.07	0.032	(0.028)	0.008	0.024
257	21.42	0.07	0.032	(0.028)	0.008	0.024
258	21.50	0.07	0.032	(0.028)	0.008	0.024
259	21.58	0.10	0.049	(0.028)	0.013	0.036
260	21.67	0.10	0.049	(0.028)	0.013	0.036
261	21.75	0.10	0.049	(0.028)	0.013	0.036
262	21.83	0.07	0.032	(0.028)	0.008	0.024
263	21.92	0.07	0.032	(0.028)	0.008	0.024
264	22.00	0.07	0.032	(0.027)	0.008	0.024
265	22.08	0.10	0.049	(0.027)	0.013	0.036
266	22.17	0.10	0.049	(0.027)	0.013	0.036
267	22.25	0.10	0.049	(0.027)	0.013	0.036
268	22.33	0.07	0.032	(0.027)	0.008	0.024
269	22.42	0.07	0.032	(0.027)	0.008	0.024
270	22.50	0.07	0.032	(0.027)	0.008	0.024
271	22.58	0.07	0.032	(0.027)	0.008	0.024
272	22.67	0.07	0.032	(0.027)	0.008	0.024

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273  22.75     0.07      0.032       (  0.027)       0.008         0.024
274  22.83     0.07      0.032       (  0.027)       0.008         0.024
275  22.92     0.07      0.032       (  0.027)       0.008         0.024
276  23.00     0.07      0.032       (  0.026)       0.008         0.024
277  23.08     0.07      0.032       (  0.026)       0.008         0.024
278  23.17     0.07      0.032       (  0.026)       0.008         0.024
279  23.25     0.07      0.032       (  0.026)       0.008         0.024
280  23.33     0.07      0.032       (  0.026)       0.008         0.024
281  23.42     0.07      0.032       (  0.026)       0.008         0.024
282  23.50     0.07      0.032       (  0.026)       0.008         0.024
283  23.58     0.07      0.032       (  0.026)       0.008         0.024
284  23.67     0.07      0.032       (  0.026)       0.008         0.024
285  23.75     0.07      0.032       (  0.026)       0.008         0.024
286  23.83     0.07      0.032       (  0.026)       0.008         0.024
287  23.92     0.07      0.032       (  0.026)       0.008         0.024
288  24.00     0.07      0.032       (  0.026)       0.008         0.024
             (Loss Rate Not Used)
    Sum =     100.0                                    Sum =    40.1
     Flood volume = Effective rainfall      3.34(In)
      times area       5.5(Ac.)/[(In)/(Ft.)] =       1.5(Ac.Ft)
     Total soil loss =      0.71(In)
     Total soil loss =     0.327(Ac.Ft)
     Total rainfall =      4.05(In)
     Flood volume =       67196.8 Cubic Feet
     Total soil loss =       14248.7 Cubic Feet
     ---------------------------------------------------------------------
      Peak flow rate of this hydrograph =      2.828(CFS)
     ---------------------------------------------------------------------
     +++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
                        24 - H O U R    S T O R M
                    R u n o f f      H y d r o g r a p h
     ---------------------------------------------------------------------
                 Hydrograph in   5   Minute intervals ((CFS))

     ---------------------------------------------------------------------
Time(h+m) Volume Ac.Ft   Q(CFS)  0        2.5       5.0       7.5      10.0
---------------------------------------------------------------------------
  0+ 5       0.0006      0.09  Q          |         |         |         |
  0+10       0.0016      0.13  Q          |         |         |         |
  0+15       0.0025      0.13  Q          |         |         |         |
  0+20       0.0037      0.18  Q          |         |         |         |
  0+25       0.0051      0.20  Q          |         |         |         |
  0+30       0.0065      0.20  Q          |         |         |         |
  0+35       0.0079      0.20  Q          |         |         |         |
  0+40       0.0092      0.20  Q          |         |         |         |
  0+45       0.0106      0.20  Q          |         |         |         |
  0+50       0.0123      0.25  Q          |         |         |         |
  0+55       0.0142      0.27  VQ         |         |         |         |
  1+ 0       0.0160      0.27  VQ         |         |         |         |
  1+ 5       0.0175      0.22  Q          |         |         |         |
  1+10       0.0189      0.20  Q          |         |         |         |
  1+15       0.0203      0.20  Q          |         |         |         |
  1+20       0.0217      0.20  Q          |         |         |         |
  1+25       0.0231      0.20  Q          |         |         |         |
  1+30       0.0245      0.20  Q          |         |         |         |
  1+35       0.0259      0.20  Q          |         |         |         |
  1+40       0.0272      0.20  Q          |         |         |         |
  1+45       0.0286      0.20  Q          |         |         |         |
  1+50       0.0303      0.25  Q          |         |         |         |
  1+55       0.0322      0.27  VQ         |         |         |         |
  2+ 0       0.0340      0.27  VQ         |         |         |         |
  2+ 5       0.0359      0.27  VQ         |         |         |         |
  2+10       0.0377      0.27  VQ         |         |         |         |
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2+15	0.0395	0.27	|Q	|	|	|	|
2+20	0.0414	0.27	|Q	|	|	|	|
2+25	0.0432	0.27	|Q	|	|	|	|
2+30	0.0451	0.27	|Q	|	|	|	|
2+35	0.0472	0.31	|Q	|	|	|	|
2+40	0.0495	0.33	|Q	|	|	|	|
2+45	0.0518	0.33	|Q	|	|	|	|
2+50	0.0542	0.33	|Q	|	|	|	|
2+55	0.0565	0.33	|Q	|	|	|	|
3+ 0	0.0588	0.33	|Q	|	|	|	|
3+ 5	0.0611	0.33	|Q	|	|	|	|
3+10	0.0634	0.33	|Q	|	|	|	|
3+15	0.0657	0.33	|Q	|	|	|	|
3+20	0.0680	0.33	|Q	|	|	|	|
3+25	0.0703	0.33	|Q	|	|	|	|
3+30	0.0726	0.33	|Q	|	|	|	|
3+35	0.0749	0.33	|Q	|	|	|	|
3+40	0.0772	0.33	|QV	|	|	|	|
3+45	0.0795	0.33	|QV	|	|	|	|
3+50	0.0821	0.38	|QV	|	|	|	|
3+55	0.0849	0.40	|QV	|	|	|	|
4+ 0	0.0877	0.40	|QV	|	|	|	|
4+ 5	0.0904	0.40	|QV	|	|	|	|
4+10	0.0932	0.40	|QV	|	|	|	|
4+15	0.0960	0.40	|QV	|	|	|	|
4+20	0.0991	0.45	|QV	|	|	|	|
4+25	0.1023	0.47	|QV	|	|	|	|
4+30	0.1055	0.47	|QV	|	|	|	|
4+35	0.1087	0.47	|QV	|	|	|	|
4+40	0.1120	0.47	|QV	|	|	|	|
4+45	0.1152	0.47	|QV	|	|	|	|
4+50	0.1187	0.51	| QV	|	|	|	|
4+55	0.1224	0.54	| QV	|	|	|	|
5+ 0	0.1261	0.54	| QV	|	|	|	|
5+ 5	0.1292	0.44	|Q V	|	|	|	|
5+10	0.1320	0.40	|Q V	|	|	|	|
5+15	0.1347	0.40	|Q V	|	|	|	|
5+20	0.1378	0.45	|Q V	|	|	|	|
5+25	0.1410	0.47	|Q V	|	|	|	|
5+30	0.1443	0.47	|Q V	|	|	|	|
5+35	0.1478	0.51	| QV	|	|	|	|
5+40	0.1515	0.54	| QV	|	|	|	|
5+45	0.1552	0.54	| Q V	|	|	|	|
5+50	0.1589	0.54	| Q V	|	|	|	|
5+55	0.1626	0.54	| Q V	|	|	|	|
6+ 0	0.1662	0.54	| Q V	|	|	|	|
6+ 5	0.1703	0.58	| Q V	|	|	|	|
6+10	0.1744	0.60	| Q V	|	|	|	|
6+15	0.1786	0.60	| Q V	|	|	|	|
6+20	0.1827	0.60	| Q V	|	|	|	|
6+25	0.1869	0.60	| Q V	|	|	|	|
6+30	0.1910	0.60	| Q V	|	|	|	|
6+35	0.1955	0.65	| Q V	|	|	|	|
6+40	0.2001	0.67	| Q V	|	|	|	|
6+45	0.2047	0.67	| Q V	|	|	|	|
6+50	0.2093	0.67	| Q V	|	|	|	|
6+55	0.2139	0.67	| Q V	|	|	|	|
7+ 0	0.2185	0.67	| Q V	|	|	|	|
7+ 5	0.2231	0.67	| Q V	|	|	|	|
7+10	0.2278	0.67	| Q V	|	|	|	|
7+15	0.2324	0.67	| Q V	|	|	|	|
7+20	0.2373	0.72	| Q V	|	|	|	|
7+25	0.2424	0.74	| Q V	|	|	|	|

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 7+30       0.2474      0.74  | Q   V   |          |          |          |
 7+35       0.2528      0.78  |  Q  V   |          |          |          |
 7+40       0.2584      0.80  |  Q  V   |          |          |          |
 7+45       0.2639      0.80  |  Q  V   |          |          |          |
 7+50       0.2698      0.85  |  Q  V   |          |          |          |
 7+55       0.2757      0.87  |  Q   V  |          |          |          |
 8+ 0       0.2817      0.87  |  Q   V  |          |          |          |
 8+ 5       0.2884      0.97  |  Q   V  |          |          |          |
 8+10       0.2954      1.02  |   Q  V  |          |          |          |
 8+15       0.3024      1.02  |   Q  V  |          |          |          |
 8+20       0.3095      1.02  |   Q   V |          |          |          |
 8+25       0.3165      1.02  |   Q   V |          |          |          |
 8+30       0.3235      1.02  |   Q   V |          |          |          |
 8+35       0.3310      1.09  |   Q   V |          |          |          |
 8+40       0.3387      1.12  |   Q   V |          |          |          |
 8+45       0.3464      1.12  |   Q   V |          |          |          |
 8+50       0.3546      1.18  |   Q    V|          |          |          |
 8+55       0.3629      1.21  |   Q    V|          |          |          |
 9+ 0       0.3713      1.21  |   Q    V|          |          |          |
 9+ 5       0.3805      1.34  |    Q   V|          |          |          |
 9+10       0.3901      1.40  |    Q    V          |          |          |
 9+15       0.3998      1.40  |    Q    V          |          |          |
 9+20       0.4098      1.46  |    Q    V          |          |          |
 9+25       0.4201      1.49  |    Q    V          |          |          |
 9+30       0.4304      1.49  |    Q    |V         |          |          |
 9+35       0.4411      1.56  |     Q   |V         |          |          |
 9+40       0.4521      1.59  |     Q   |V         |          |          |
 9+45       0.4630      1.59  |     Q   | V        |          |          |
 9+50       0.4744      1.65  |     Q   | V        |          |          |
 9+55       0.4860      1.68  |     Q   | V        |          |          |
10+ 0       0.4976      1.68  |     Q   | V        |          |          |
10+ 5       0.5062      1.25  |    Q    |  V       |          |          |
10+10       0.5134      1.05  |   Q     |  V       |          |          |
10+15       0.5207      1.06  |   Q     |  V       |          |          |
10+20       0.5280      1.06  |   Q     |  V       |          |          |
10+25       0.5353      1.06  |   Q     |  V       |          |          |
10+30       0.5426      1.06  |   Q     |   V      |          |          |
10+35       0.5520      1.37  |    Q    |   V      |          |          |
10+40       0.5624      1.51  |     Q   |   V      |          |          |
10+45       0.5729      1.52  |     Q   |   V      |          |          |
10+50       0.5833      1.52  |     Q   |    V     |          |          |
10+55       0.5938      1.52  |     Q   |    V     |          |          |
11+ 0       0.6043      1.52  |     Q   |    V     |          |          |
11+ 5       0.6143      1.46  |    Q    |    V     |          |          |
11+10       0.6242      1.43  |    Q    |     V    |          |          |
11+15       0.6341      1.43  |    Q    |     V    |          |          |
11+20       0.6440      1.44  |    Q    |     V    |          |          |
11+25       0.6539      1.44  |    Q    |     V    |          |          |
11+30       0.6638      1.44  |    Q    |      V   |          |          |
11+35       0.6728      1.32  |    Q    |      V   |          |          |
11+40       0.6815      1.26  |    Q    |      V   |          |          |
11+45       0.6902      1.26  |    Q    |      V   |          |          |
11+50       0.6993      1.33  |    Q    |       V  |          |          |
11+55       0.7087      1.36  |    Q    |       V  |          |          |
12+ 0       0.7180      1.36  |    Q    |       V  |          |          |
12+ 5       0.7303      1.79  |      Q  |       V  |          |          |
12+10       0.7441      1.99  |      Q  |        V |          |          |
12+15       0.7578      1.99  |      Q  |        V |          |          |
12+20       0.7720      2.06  |       Q |         V          |          |
12+25       0.7863      2.09  |       Q |         V          |          |
12+30       0.8007      2.09  |       Q |         V          |          |
12+35       0.8160      2.21  |       Q |         |V         |          |
12+40       0.8316      2.27  |        Q|         |V         |          |
```

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12+45       0.8473      2.27  |         Q|          |V         |          |
12+50       0.8634      2.34  |         Q|          | V        |          |
12+55       0.8797      2.37  |         Q|          | V        |          |
13+ 0       0.8960      2.37  |         Q|          |  V       |          |
13+ 5       0.9144      2.68  |          Q          |  V       |          |
13+10       0.9339      2.82  |          |Q         |   V      |          |
13+15       0.9533      2.82  |          |Q         |   V      |          |
13+20       0.9728      2.83  |          |Q         |    V     |          |
13+25       0.9922      2.83  |          |Q         |    V     |          |
13+30       1.0117      2.83  |          |Q         |     V    |          |
13+35       1.0265      2.15  |        Q |          |     V    |          |
13+40       1.0391      1.84  |      Q   |          |     V    |          |
13+45       1.0518      1.84  |      Q   |          |      V   |          |
13+50       1.0645      1.84  |      Q   |          |      V   |          |
13+55       1.0771      1.84  |      Q   |          |      V   |          |
14+ 0       1.0898      1.84  |      Q   |          |       V  |          |
14+ 5       1.1042      2.09  |        Q |          |       V  |          |
14+10       1.1194      2.20  |        Q |          |        V|          |
14+15       1.1345      2.21  |        Q |          |        V|          |
14+20       1.1493      2.15  |        Q |          |        V|          |
14+25       1.1639      2.12  |        Q |          |         V          |
14+30       1.1785      2.12  |        Q |          |         V          |
14+35       1.1931      2.12  |        Q |          |         V          |
14+40       1.2077      2.12  |        Q |          |          |V        |
14+45       1.2223      2.12  |        Q |          |          |V        |
14+50       1.2365      2.06  |        Q |          |          | V       |
14+55       1.2505      2.03  |        Q |          |          | V       |
15+ 0       1.2646      2.04  |        Q |          |          | V       |
15+ 5       1.2782      1.97  |      Q   |          |          |  V      |
15+10       1.2916      1.95  |      Q   |          |          |  V      |
15+15       1.3050      1.95  |      Q   |          |          |  V      |
15+20       1.3180      1.89  |      Q   |          |          |   V     |
15+25       1.3308      1.86  |      Q   |          |          |   V     |
15+30       1.3436      1.86  |      Q   |          |          |   V     |
15+35       1.3547      1.61  |     Q    |          |          |    V    |
15+40       1.3651      1.50  |     Q    |          |          |    V    |
15+45       1.3754      1.50  |     Q    |          |          |    V    |
15+50       1.3858      1.50  |     Q    |          |          |    V    |
15+55       1.3961      1.50  |     Q    |          |          |     V   |
16+ 0       1.4065      1.51  |     Q    |          |          |     V   |
16+ 5       1.4111      0.66  | Q        |          |          |     V   |
16+10       1.4129      0.27  |Q         |          |          |     V   |
16+15       1.4148      0.27  |Q         |          |          |     V   |
16+20       1.4166      0.27  |Q         |          |          |     V   |
16+25       1.4184      0.27  |Q         |          |          |     V   |
16+30       1.4203      0.27  |Q         |          |          |     V   |
16+35       1.4218      0.22  Q          |          |          |     V   |
16+40       1.4232      0.20  Q          |          |          |     V   |
16+45       1.4246      0.20  Q          |          |          |     V   |
16+50       1.4260      0.20  Q          |          |          |     V   |
16+55       1.4273      0.20  Q          |          |          |      V  |
17+ 0       1.4287      0.20  Q          |          |          |      V  |
17+ 5       1.4307      0.29  |Q         |          |          |      V  |
17+10       1.4331      0.33  |Q         |          |          |      V  |
17+15       1.4354      0.33  |Q         |          |          |      V  |
17+20       1.4377      0.33  |Q         |          |          |      V  |
17+25       1.4400      0.33  |Q         |          |          |      V  |
17+30       1.4423      0.33  |Q         |          |          |      V  |
17+35       1.4446      0.33  |Q         |          |          |      V  |
17+40       1.4469      0.33  |Q         |          |          |      V  |
17+45       1.4492      0.33  |Q         |          |          |      V  |
17+50       1.4512      0.29  |Q         |          |          |      V  |
17+55       1.4530      0.27  |Q         |          |          |      V  |
```

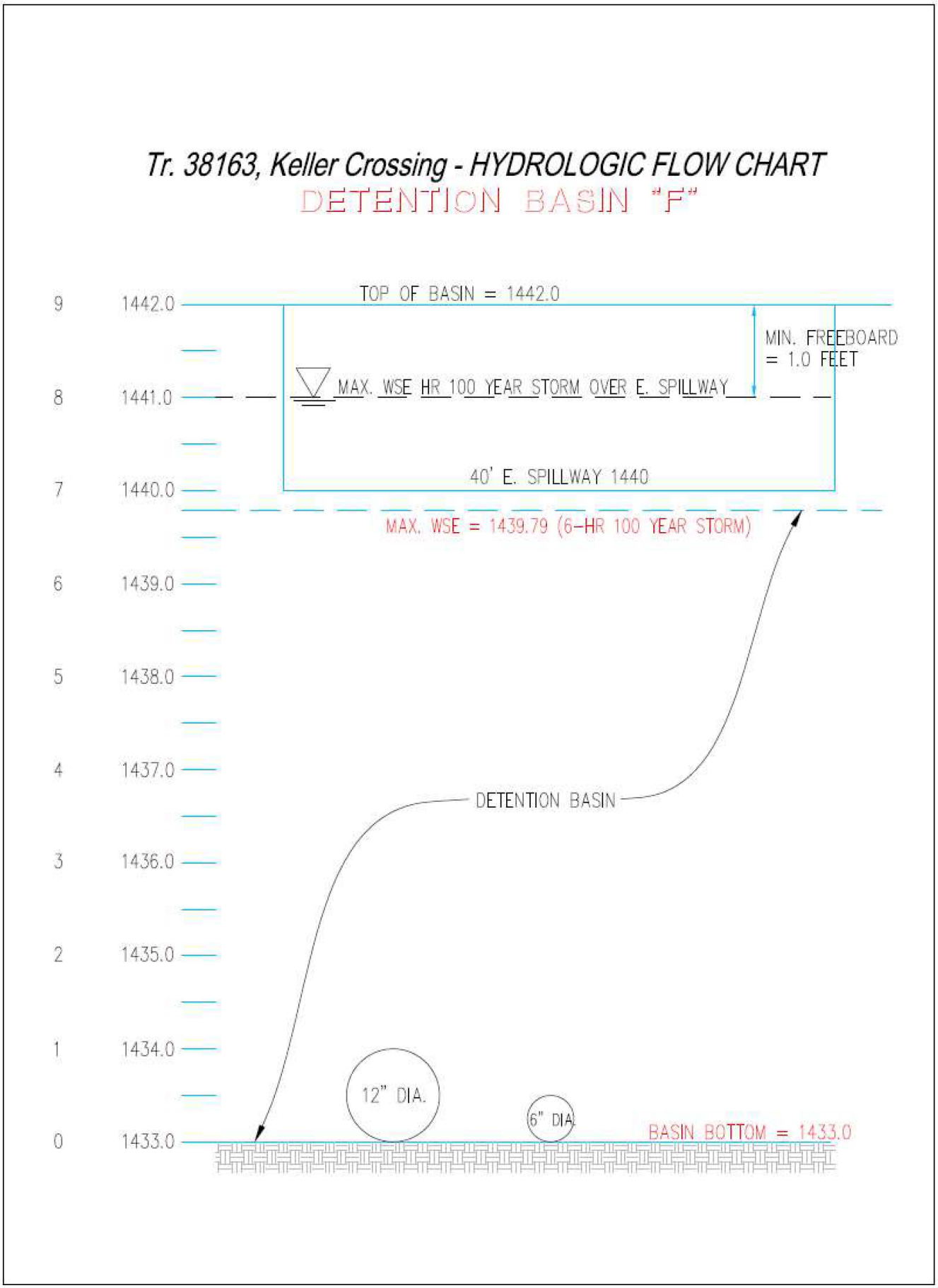
18+ 0	1.4549	0.27	|Q	|	|	|	V |
18+ 5	1.4567	0.27	|Q	|	|	|	V |
18+10	1.4586	0.27	|Q	|	|	|	V |
18+15	1.4604	0.27	|Q	|	|	|	V |
18+20	1.4623	0.27	|Q	|	|	|	V |
18+25	1.4641	0.27	|Q	|	|	|	V |
18+30	1.4659	0.27	|Q	|	|	|	V |
18+35	1.4675	0.22	Q	|	|	|	V |
18+40	1.4689	0.20	Q	|	|	|	V |
18+45	1.4702	0.20	Q	|	|	|	V |
18+50	1.4713	0.16	Q	|	|	|	V |
18+55	1.4722	0.13	Q	|	|	|	V |
19+ 0	1.4732	0.13	Q	|	|	|	V |
19+ 5	1.4744	0.18	Q	|	|	|	V |
19+10	1.4758	0.20	Q	|	|	|	V |
19+15	1.4772	0.20	Q	|	|	|	V |
19+20	1.4789	0.25	Q	|	|	|	V |
19+25	1.4807	0.27	|Q	|	|	|	V |
19+30	1.4825	0.27	|Q	|	|	|	V |
19+35	1.4841	0.22	Q	|	|	|	V |
19+40	1.4855	0.20	Q	|	|	|	V |
19+45	1.4868	0.20	Q	|	|	|	V |
19+50	1.4879	0.16	Q	|	|	|	V |
19+55	1.4888	0.13	Q	|	|	|	V |
20+ 0	1.4898	0.13	Q	|	|	|	V |
20+ 5	1.4910	0.18	Q	|	|	|	V |
20+10	1.4924	0.20	Q	|	|	|	V |
20+15	1.4938	0.20	Q	|	|	|	V |
20+20	1.4951	0.20	Q	|	|	|	V |
20+25	1.4965	0.20	Q	|	|	|	V |
20+30	1.4979	0.20	Q	|	|	|	V |
20+35	1.4993	0.20	Q	|	|	|	V |
20+40	1.5007	0.20	Q	|	|	|	V |
20+45	1.5021	0.20	Q	|	|	|	V |
20+50	1.5031	0.16	Q	|	|	|	V |
20+55	1.5041	0.13	Q	|	|	|	V |
21+ 0	1.5050	0.13	Q	|	|	|	V|
21+ 5	1.5062	0.18	Q	|	|	|	V|
21+10	1.5076	0.20	Q	|	|	|	V|
21+15	1.5090	0.20	Q	|	|	|	V|
21+20	1.5100	0.16	Q	|	|	|	V|
21+25	1.5110	0.13	Q	|	|	|	V|
21+30	1.5119	0.13	Q	|	|	|	V|
21+35	1.5131	0.18	Q	|	|	|	V|
21+40	1.5145	0.20	Q	|	|	|	V|
21+45	1.5159	0.20	Q	|	|	|	V|
21+50	1.5170	0.16	Q	|	|	|	V|
21+55	1.5179	0.13	Q	|	|	|	V|
22+ 0	1.5188	0.13	Q	|	|	|	V|
22+ 5	1.5201	0.18	Q	|	|	|	V|
22+10	1.5214	0.20	Q	|	|	|	V|
22+15	1.5228	0.20	Q	|	|	|	V|
22+20	1.5239	0.16	Q	|	|	|	V|
22+25	1.5248	0.13	Q	|	|	|	V|
22+30	1.5257	0.13	Q	|	|	|	V|
22+35	1.5267	0.13	Q	|	|	|	V|
22+40	1.5276	0.13	Q	|	|	|	V|
22+45	1.5285	0.13	Q	|	|	|	V|
22+50	1.5294	0.13	Q	|	|	|	V|
22+55	1.5303	0.13	Q	|	|	|	V|
23+ 0	1.5313	0.13	Q	|	|	|	V|
23+ 5	1.5322	0.13	Q	|	|	|	V|
23+10	1.5331	0.13	Q	|	|	|	V|

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   23+15       1.5340      0.13  Q          |          |          |         V|
   23+20       1.5350      0.13  Q          |          |          |         V|
   23+25       1.5359      0.13  Q          |          |          |         V|
   23+30       1.5368      0.13  Q          |          |          |         V|
   23+35       1.5377      0.13  Q          |          |          |         V|
   23+40       1.5386      0.13  Q          |          |          |         V|
   23+45       1.5396      0.13  Q          |          |          |         V|
   23+50       1.5405      0.13  Q          |          |          |         V|
   23+55       1.5414      0.13  Q          |          |          |         V|
   24+ 0       1.5423      0.13  Q          |          |          |         V|
   24+ 5       1.5426      0.04  Q          |          |          |          V
-------------------------------------------------------------------------------
```

ATTACHMENT I:

DETENTION BASINS F AND G ROUTING

DETENTION BASINs F and G ROUTING
Drainage Area F (Existing off-site and Proposed on-site)
Drainage Area G (Proposed on-site)


Tr. 38163, Keller Crossing - HYDROLOGIC FLOW CHART
DETENTION BASIN "F"
TOP OF BASIN = 1442.0
MIN. FREEBOARD
= 1.0 FEET
MAX. WSE HR 100 YEAR STORM OVER E. SPILLWAY
40' E. SPILLWAY 1440
MAX. WSE = 1439.79 (6-HR 100 YEAR STORM)
DETENTION BASIN
12" DIA.
6" DIA.
BASIN BOTTOM = 1433.0
9
8
7
6
5
4
3
2
1
0
1442.0
1441.0
1440.0
1439.0
1438.0
1437.0
1436.0
1435.0
1434.0
1433.0

```
                    FLOOD HYDROGRAPH ROUTING PROGRAM
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                          Study date: 04/16/24


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

Keller Crossing, Tr. 38163
Drainage Area Area F (Existing offsite and Proposed on-site) = 59.0 Ac
Detention Basin F Routing
100-year 1-hour storm


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


Program License Serial Number 4029

------------------------------------------------------------------------
******************** HYDROGRAPH INFORMATION **********************

             From study/file name: 907hydbpr1100.rte
****************************HYDROGRAPH DATA*****************************
             Number of intervals =    27
             Time interval =    5.0 (Min.)
             Maximum/Peak flow rate =      124.839 (CFS)
             Total volume =       5.413 (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       10.000 to Point/Station       11.000
**** RETARDING BASIN ROUTING ****
________________________________________________________________________

User entry of depth-outflow-storage data
------------------------------------------------------------------------
Total number of inflow hydrograph intervals = 27
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  Storage    Outflow   (S-O*dt/2)   (S+O*dt/2)
     (Ft.)    (Ac.Ft)    (CFS)     (Ac.Ft)    (Ac.Ft)
------------------------------------------------------------------------
   0.000      0.000      0.000      0.000        0.000
   1.000      0.110      5.130      0.092        0.128
   2.000      0.460      7.370      0.435        0.485
   3.000      1.100      9.060      1.069        1.131
```

4.000	1.990	10.480	1.954	2.026
5.000	3.040	11.740	3.000	3.080
6.000	4.160	12.870	4.116	4.204
7.000	5.350	13.910	5.302	5.398
8.000	6.610	14.880	6.559	6.661
9.000	7.950	15.780	7.896	8.004
10.000	9.350	106.650	8.983	9.717
11.000	10.830	272.020	9.893	11.767
12.000	12.390	485.890	10.717	14.063
13.000	14.020	738.990	11.475	16.565

Hydrograph Detention Basin Routing

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

Time (Hours)	Inflow (CFS)	Outflow (CFS)	Storage (Ac.Ft)	.0 31.2 62.42 93.63 124.84	Depth (Ft.)
0.083	1.41	0.20	0.004	O | | | |	0.04
0.167	7.92	1.43	0.031	O I | | | |	0.28
0.250	16.54	4.42	0.095	|O I | | | |	0.86
0.333	22.27	5.67	0.194	|O I | | | |	1.24
0.417	26.38	6.47	0.319	|O I | | | |	1.60
0.500	30.60	7.39	0.468	|O I| | | |	2.01
0.583	35.87	7.86	0.644	| O |I | | |	2.29
0.667	42.37	8.42	0.858	| O | I | | |	2.62
0.750	53.34	9.10	1.127	| O | I | | |	3.03
0.833	81.47	9.74	1.526	| O | | I | |	3.48
0.917	124.84	10.69	2.166	| O | | | I |	4.17
1.000	118.05	11.60	2.926	| O | | | I |	4.89
1.083	72.42	12.20	3.500	| O | | I | |	5.41
1.167	43.94	12.52	3.815	| O | I | | |	5.69
1.250	28.06	12.68	3.977	| O I| | | |	5.84
1.333	19.94	12.76	4.054	| O I | | | |	5.91
1.417	14.97	12.80	4.086	| O | | | |	5.93
1.500	11.30	12.80	4.089	| IO | | | |	5.94
1.583	9.00	12.78	4.071	| IO | | | |	5.92
1.667	7.09	12.75	4.038	|I O | | | |	5.89
1.750	5.52	12.70	3.994	|I O | | | |	5.85
1.833	4.23	12.65	3.940	|I O | | | |	5.80
1.917	3.20	12.59	3.879	I O | | | |	5.75
2.000	2.57	12.52	3.812	I O | | | |	5.69
2.083	2.07	12.45	3.742	I O | | | |	5.63
2.167	0.48	12.37	3.666	I O | | | |	5.56
2.250	0.17	12.29	3.583	I O | | | |	5.48
2.333	0.00	12.20	3.499	I O | | | |	5.41
2.417	0.00	12.12	3.415	I O | | | |	5.34
2.500	0.00	12.03	3.332	I O | | | |	5.26
2.583	0.00	11.95	3.250	I O | | | |	5.19
2.667	0.00	11.87	3.168	I O | | | |	5.11
2.750	0.00	11.79	3.086	I O | | | |	5.04
2.833	0.00	11.70	3.005	I O | | | |	4.97
2.917	0.00	11.60	2.925	I O | | | |	4.89
3.000	0.00	11.51	2.845	I O | | | |	4.81
3.083	0.00	11.41	2.766	I O | | | |	4.74
3.167	0.00	11.32	2.688	I O | | | |	4.66
3.250	0.00	11.22	2.611	I O | | | |	4.59
3.333	0.00	11.13	2.534	I O | | | |	4.52
3.417	0.00	11.04	2.457	I O | | | |	4.44
3.500	0.00	10.95	2.382	I O | | | |	4.37
3.583	0.00	10.86	2.306	I O | | | |	4.30
3.667	0.00	10.77	2.232	I O | | | |	4.23
3.750	0.00	10.68	2.158	I O | | | |	4.16

3.833	0.00	10.59	2.085	I O	|	|	|	4.09
3.917	0.00	10.51	2.012	I O	|	|	|	4.02
4.000	0.00	10.40	1.940	I O	|	|	|	3.94
4.083	0.00	10.29	1.869	I O	|	|	|	3.86
4.167	0.00	10.17	1.798	I O	|	|	|	3.78
4.250	0.00	10.06	1.729	I O	|	|	|	3.71
4.333	0.00	9.95	1.660	I O	|	|	|	3.63
4.417	0.00	9.84	1.592	I O	|	|	|	3.55
4.500	0.00	9.74	1.524	I O	|	|	|	3.48
4.583	0.00	9.63	1.458	I O	|	|	|	3.40
4.667	0.00	9.53	1.392	I O	|	|	|	3.33
4.750	0.00	9.42	1.326	I O	|	|	|	3.25
4.833	0.00	9.32	1.262	I O	|	|	|	3.18
4.917	0.00	9.22	1.198	I O	|	|	|	3.11
5.000	0.00	9.12	1.135	I O	|	|	|	3.04
5.083	0.00	8.99	1.073	I O	|	|	|	2.96
5.167	0.00	8.83	1.011	I O	|	|	|	2.86
5.250	0.00	8.67	0.951	I O	|	|	|	2.77
5.333	0.00	8.51	0.892	I O	|	|	|	2.67
5.417	0.00	8.36	0.834	I O	|	|	|	2.58
5.500	0.00	8.21	0.777	I O	|	|	|	2.49
5.583	0.00	8.06	0.721	I O	|	|	|	2.41
5.667	0.00	7.91	0.666	I O	|	|	|	2.32
5.750	0.00	7.77	0.612	IO	|	|	|	2.24
5.833	0.00	7.63	0.559	IO	|	|	|	2.15
5.917	0.00	7.49	0.507	IO	|	|	|	2.07
6.000	0.00	7.34	0.455	IO	|	|	|	1.99
6.083	0.00	7.02	0.406	IO	|	|	|	1.85
6.167	0.00	6.72	0.359	IO	|	|	|	1.71
6.250	0.00	6.43	0.313	IO	|	|	|	1.58
6.333	0.00	6.15	0.270	IO	|	|	|	1.46
6.417	0.00	5.89	0.229	IO	|	|	|	1.34
6.500	0.00	5.63	0.189	IO	|	|	|	1.23
6.583	0.00	5.39	0.151	IO	|	|	|	1.12
6.667	0.00	5.16	0.115	IO	|	|	|	1.01
6.750	0.00	3.89	0.083	O	|	|	|	0.76
6.833	0.00	2.81	0.060	O	|	|	|	0.55
6.917	0.00	2.03	0.044	O	|	|	|	0.40
7.000	0.00	1.47	0.032	O	|	|	|	0.29
7.083	0.00	1.06	0.023	O	|	|	|	0.21
7.167	0.00	0.77	0.017	O	|	|	|	0.15
7.250	0.00	0.56	0.012	O	|	|	|	0.11
7.333	0.00	0.40	0.009	O	|	|	|	0.08
7.417	0.00	0.29	0.006	O	|	|	|	0.06
7.500	0.00	0.21	0.005	O	|	|	|	0.04
7.583	0.00	0.15	0.003	O	|	|	|	0.03
7.667	0.00	0.11	0.002	O	|	|	|	0.02
7.750	0.00	0.08	0.002	O	|	|	|	0.02
7.833	0.00	0.06	0.001	O	|	|	|	0.01
7.917	0.00	0.04	0.001	O	|	|	|	0.01
8.000	0.00	0.03	0.001	O	|	|	|	0.01
8.083	0.00	0.02	0.000	O	|	|	|	0.00
8.167	0.00	0.02	0.000	O	|	|	|	0.00
8.250	0.00	0.01	0.000	O	|	|	|	0.00
8.333	0.00	0.01	0.000	O	|	|	|	0.00
8.417	0.00	0.01	0.000	O	|	|	|	0.00
8.500	0.00	0.00	0.000	O	|	|	|	0.00

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

Number of intervals = 102
Time interval = 5.0 (Min.)
Maximum/Peak flow rate = 12.798 (CFS)
Total volume = 5.413 (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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                    FLOOD HYDROGRAPH ROUTING PROGRAM
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                          Study date: 04/16/24

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Keller Crossing, Tr. 38163
Drainage Area Area F (Existing offsite and Proposed on-site) = 59.0 Ac
Detention Basin F Routing
100-year 3-hour storm



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


Program License Serial Number 4029

------------------------------------------------------------------------
******************** HYDROGRAPH INFORMATION **********************

              From study/file name: 907hydbpr3100.rte
*****************************HYDROGRAPH DATA*****************************
              Number of intervals =    51
              Time interval =    5.0 (Min.)
              Maximum/Peak flow rate =       75.768 (CFS)
              Total volume =       7.265 (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       10.000 to Point/Station       11.000
**** RETARDING BASIN ROUTING ****
________________________________________________________________________

User entry of depth-outflow-storage data
------------------------------------------------------------------------
Total number of inflow hydrograph intervals = 51
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  Storage    Outflow   (S-O*dt/2)   (S+O*dt/2)
     (Ft.)    (Ac.Ft)    (CFS)     (Ac.Ft)    (Ac.Ft)
------------------------------------------------------------------------
   0.000      0.000      0.000      0.000        0.000
   1.000      0.110      5.130      0.092        0.128
   2.000      0.460      7.370      0.435        0.485
   3.000      1.100      9.060      1.069        1.131
```

4.000	1.990	10.480	1.954	2.026
5.000	3.040	11.740	3.000	3.080
6.000	4.160	12.870	4.116	4.204
7.000	5.350	13.910	5.302	5.398
8.000	6.610	14.880	6.559	6.661
9.000	7.950	15.780	7.896	8.004
10.000	9.350	106.650	8.983	9.717
11.000	10.830	272.020	9.893	11.767
12.000	12.390	485.890	10.717	14.063
13.000	14.020	738.990	11.475	16.565

Hydrograph Detention Basin Routing

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

Time (Hours)	Inflow (CFS)	Outflow (CFS)	Storage (Ac.Ft)	.0 18.9 37.88 56.83 75.77	Depth (Ft.)
0.083	0.67	0.09	0.002	O | | | |	0.02
0.167	3.51	0.64	0.014	OI | | | |	0.13
0.250	6.39	1.84	0.039	O I | | | |	0.36
0.333	7.36	3.23	0.069	|O I | | | |	0.63
0.417	8.71	4.56	0.098	|O I | | | |	0.89
0.500	10.57	5.26	0.130	| O I | | | |	1.06
0.583	12.18	5.52	0.172	| O I | | | |	1.18
0.667	12.98	5.83	0.219	| O I | | | |	1.31
0.750	13.73	6.15	0.270	| O I | | | |	1.46
0.833	14.63	6.50	0.324	| O I | | | |	1.61
0.917	14.31	6.84	0.378	| O I | | | |	1.76
1.000	14.08	7.16	0.427	| O I | | | |	1.91
1.083	15.24	7.42	0.478	| O I | | | |	2.03
1.167	17.43	7.58	0.539	| O I| | | |	2.12
1.250	19.28	7.77	0.612	| O I | | | |	2.24
1.333	20.01	7.99	0.693	| O I | | | |	2.36
1.417	20.27	8.21	0.776	| O I | | | |	2.49
1.500	22.00	8.44	0.864	| O |I | | |	2.63
1.583	24.22	8.70	0.965	| O | I | | |	2.79
1.667	24.76	8.99	1.072	| O | I | | |	2.96
1.750	25.86	9.19	1.184	| O | I | | |	3.09
1.833	28.79	9.39	1.308	| O | I | | |	3.23
1.917	30.71	9.61	1.448	| O | I | | |	3.39
2.000	30.66	9.84	1.592	| O | I | | |	3.55
2.083	30.76	10.07	1.735	| O | I | | |	3.71
2.167	32.39	10.31	1.882	| O | I | | |	3.88
2.250	37.42	10.55	2.051	| O | I| | |	4.06
2.333	43.28	10.80	2.255	| O | | I | |	4.25
2.417	45.68	11.08	2.486	| O | | I | |	4.47
2.500	54.21	11.40	2.753	| O | | | I |	4.73
2.583	67.66	11.79	3.092	| O | | | I |	5.05
2.667	75.77	12.21	3.504	| O | | | I	5.41
2.750	71.58	12.63	3.926	| O | | | I |	5.79
2.833	53.54	12.96	4.268	| O | | | I |	6.09
2.917	37.45	13.16	4.492	| O | | I| |	6.28
3.000	29.56	13.28	4.631	| O | I | | |	6.40
3.083	22.14	13.36	4.718	| O |I | | |	6.47
3.167	14.93	13.39	4.753	| OI | | | |	6.50
3.250	10.45	13.38	4.748	| IO | | | |	6.49
3.333	7.85	13.36	4.719	| I O | | | |	6.47
3.417	6.11	13.32	4.676	| I O | | | |	6.43
3.500	4.67	13.27	4.621	|I O | | | |	6.39
3.583	3.49	13.22	4.558	|I O | | | |	6.33
3.667	2.76	13.16	4.489	|I O | | | |	6.28
3.750	2.02	13.09	4.415	I O | | | |	6.21

3.833	1.41	13.02	4.337	I	O				6.15
3.917	0.79	12.95	4.255	I	O				6.08
4.000	0.33	12.88	4.170	I	O				6.01
4.083	0.21	12.79	4.083	I	O				5.93
4.167	0.13	12.71	3.997	I	O				5.85
4.250	0.03	12.62	3.910	I	O				5.78
4.333	0.00	12.53	3.823	I	O				5.70
4.417	0.00	12.44	3.737	I	O				5.62
4.500	0.00	12.36	3.652	I	O				5.55
4.583	0.00	12.27	3.567	I	O				5.47
4.667	0.00	12.19	3.483	I	O				5.40
4.750	0.00	12.10	3.399	I	O				5.32
4.833	0.00	12.02	3.316	I	O				5.25
4.917	0.00	11.94	3.234	I	O				5.17
5.000	0.00	11.85	3.152	I	O				5.10
5.083	0.00	11.77	3.070	I	O				5.03
5.167	0.00	11.68	2.990	I	O				4.95
5.250	0.00	11.58	2.910	I	O				4.88
5.333	0.00	11.49	2.830	I	O				4.80
5.417	0.00	11.39	2.751	I	O				4.73
5.500	0.00	11.30	2.673	I	O				4.65
5.583	0.00	11.21	2.596	I	O				4.58
5.667	0.00	11.11	2.519	I	O				4.50
5.750	0.00	11.02	2.443	I	O				4.43
5.833	0.00	10.93	2.367	I	O				4.36
5.917	0.00	10.84	2.292	I	O				4.29
6.000	0.00	10.75	2.218	I	O				4.22
6.083	0.00	10.66	2.144	I	O				4.15
6.167	0.00	10.58	2.071	I	O				4.08
6.250	0.00	10.49	1.998	I	O				4.01
6.333	0.00	10.38	1.926	I	O				3.93
6.417	0.00	10.27	1.855	I	O				3.85
6.500	0.00	10.15	1.785	I	O				3.77
6.583	0.00	10.04	1.715	I	O				3.69
6.667	0.00	9.93	1.647	I	O				3.61
6.750	0.00	9.82	1.579	I	O				3.54
6.833	0.00	9.72	1.511	I	O				3.46
6.917	0.00	9.61	1.445	I	O				3.39
7.000	0.00	9.51	1.379	I	O				3.31
7.083	0.00	9.40	1.314	I	O				3.24
7.167	0.00	9.30	1.249	I	O				3.17
7.250	0.00	9.20	1.186	I	O				3.10
7.333	0.00	9.10	1.123	I	O				3.03
7.417	0.00	8.96	1.061	I	O				2.94
7.500	0.00	8.79	0.999	I	O				2.84
7.583	0.00	8.64	0.939	I	O				2.75
7.667	0.00	8.48	0.881	I	O				2.66
7.750	0.00	8.33	0.823	I	O				2.57
7.833	0.00	8.18	0.766	I	O				2.48
7.917	0.00	8.03	0.710	I	O				2.39
8.000	0.00	7.89	0.655	I	O				2.30
8.083	0.00	7.74	0.601	I	O				2.22
8.167	0.00	7.60	0.549	I	O				2.14
8.250	0.00	7.47	0.497	I	O				2.06
8.333	0.00	7.28	0.446	I	O				1.96
8.417	0.00	6.97	0.397	I	O				1.82
8.500	0.00	6.67	0.350	I	O				1.69
8.583	0.00	6.38	0.305	I	O				1.56
8.667	0.00	6.10	0.262	I	O				1.43
8.750	0.00	5.84	0.221	I	O				1.32
8.833	0.00	5.59	0.181	I	O				1.20
8.917	0.00	5.35	0.144	I	O				1.10
9.000	0.00	5.04	0.108	I	O				0.98

9.083	0.00	3.65	0.078	IO	|	|	|	0.71
9.167	0.00	2.64	0.057	IO	|	|	|	0.51
9.250	0.00	1.91	0.041	O	|	|	|	0.37
9.333	0.00	1.38	0.030	O	|	|	|	0.27
9.417	0.00	1.00	0.021	O	|	|	|	0.19
9.500	0.00	0.72	0.015	O	|	|	|	0.14
9.583	0.00	0.52	0.011	O	|	|	|	0.10
9.667	0.00	0.38	0.008	O	|	|	|	0.07
9.750	0.00	0.27	0.006	O	|	|	|	0.05
9.833	0.00	0.20	0.004	O	|	|	|	0.04
9.917	0.00	0.14	0.003	O	|	|	|	0.03
10.000	0.00	0.10	0.002	O	|	|	|	0.02
10.083	0.00	0.07	0.002	O	|	|	|	0.01
10.167	0.00	0.05	0.001	O	|	|	|	0.01
10.250	0.00	0.04	0.001	O	|	|	|	0.01
10.333	0.00	0.03	0.001	O	|	|	|	0.01
10.417	0.00	0.02	0.000	O	|	|	|	0.00
10.500	0.00	0.01	0.000	O	|	|	|	0.00
10.583	0.00	0.01	0.000	O	|	|	|	0.00
10.667	0.00	0.01	0.000	O	|	|	|	0.00
10.750	0.00	0.01	0.000	O	|	|	|	0.00
10.833	0.00	0.00	0.000	O	|	|	|	0.00

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

Number of intervals = 130
Time interval = 5.0 (Min.)
Maximum/Peak flow rate = 13.388 (CFS)
Total volume = 7.265 (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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                  FLOOD HYDROGRAPH ROUTING PROGRAM
            Copyright (c) CIVILCADD/CIVILDESIGN, 1989 - 2005
                        Study date: 04/16/24

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Keller Crossing, Tr. 38163
Drainage Area Area F (Existing offsite and Proposed on-site) = 59.0 Ac
Detention Basin F Routing
100-year 6-hour storm

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Program License Serial Number 4029

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

             From study/file name: 907hydbpr6100.rte
****************************HYDROGRAPH DATA*****************************
             Number of intervals =    87
             Time interval =    5.0 (Min.)
             Maximum/Peak flow rate =       69.295 (CFS)
             Total volume =       9.254 (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       10.000 to Point/Station       11.000
**** RETARDING BASIN ROUTING ****
________________________________________________________________________

User entry of depth-outflow-storage data
------------------------------------------------------------------------
Total number of inflow hydrograph intervals = 87
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  Storage    Outflow   (S-O*dt/2)   (S+O*dt/2)
     (Ft.)    (Ac.Ft)    (CFS)     (Ac.Ft)    (Ac.Ft)
------------------------------------------------------------------------
   0.000      0.000      0.000      0.000        0.000
   1.000      0.110      5.130      0.092        0.128
   2.000      0.460      7.370      0.435        0.485
   3.000      1.100      9.060      1.069        1.131
   4.000      1.990     10.480      1.954        2.026
   5.000      3.040     11.740      3.000        3.080
```

6.000	4.160	12.870	4.116	4.204
7.000	5.350	13.910	5.302	5.398
8.000	6.610	14.880	6.559	6.661
9.000	7.950	15.780	7.896	8.004
10.000	9.350	106.650	8.983	9.717
11.000	10.830	272.020	9.893	11.767
12.000	12.390	485.890	10.717	14.063
13.000	14.020	738.990	11.475	16.565

Hydrograph Detention Basin Routing

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

Time (Hours)	Inflow (CFS)	Outflow (CFS)	Storage (Ac.Ft)	.0 17.3 34.65 51.97 69.30	Depth (Ft.)
0.083	0.29	0.04	0.001	O	0.01
0.167	1.60	0.29	0.006	O	0.06
0.250	3.18	0.87	0.019	OI	0.17
0.333	4.03	1.63	0.035	OI	0.32
0.417	4.46	2.35	0.050	|OI	0.46
0.500	4.80	2.98	0.064	|OI	0.58
0.583	5.24	3.55	0.076	|OI	0.69
0.667	5.66	4.07	0.087	|OI	0.79
0.750	5.89	4.54	0.097	| O	0.89
0.833	6.04	4.94	0.106	| O	0.96
0.917	6.15	5.15	0.113	| O	1.01
1.000	6.35	5.20	0.121	| O	1.03
1.083	6.86	5.26	0.130	| OI	1.06
1.167	7.38	5.34	0.143	| OI	1.09
1.250	7.64	5.43	0.157	| OI	1.13
1.333	7.79	5.53	0.173	| OI	1.18
1.417	7.88	5.63	0.188	| OI	1.22
1.500	7.95	5.73	0.204	| OI	1.27
1.583	7.99	5.83	0.219	| OI	1.31
1.667	8.03	5.92	0.233	| OI	1.35
1.750	8.06	6.01	0.248	| OI	1.39
1.833	8.08	6.10	0.262	| OI	1.43
1.917	8.10	6.19	0.275	| OI	1.47
2.000	8.22	6.27	0.288	| OI	1.51
2.083	8.59	6.36	0.303	| OI	1.55
2.167	8.74	6.46	0.318	| O I	1.59
2.250	8.94	6.56	0.334	| OI	1.64
2.333	9.34	6.68	0.352	| OI	1.69
2.417	9.53	6.79	0.370	| OI	1.74
2.500	9.62	6.91	0.389	| OI	1.80
2.583	9.69	7.03	0.407	| OI	1.85
2.667	9.73	7.15	0.425	| OI	1.90
2.750	9.88	7.26	0.443	| OI	1.95
2.833	10.38	7.38	0.463	| OI	2.00
2.917	10.91	7.44	0.485	| O I	2.04
3.000	11.15	7.50	0.509	| O I	2.08
3.083	11.28	7.57	0.535	| O I	2.12
3.167	11.48	7.64	0.561	| O I	2.16
3.250	12.02	7.71	0.589	| O I	2.20
3.333	12.57	7.79	0.620	| O I	2.25
3.417	12.94	7.88	0.654	| O I	2.30
3.500	13.67	7.98	0.691	| O I	2.36
3.583	14.85	8.09	0.734	| O I	2.43
3.667	16.12	8.23	0.784	| O I|	2.51
3.750	17.13	8.38	0.842	| O I|	2.60
3.833	18.07	8.54	0.905	| O I	2.69
3.917	18.97	8.72	0.973	| O I	2.80

4.000	19.88	8.92	1.046	| O |I | | |	2.92
4.083	20.76	9.10	1.124	| O |I | | |	3.03
4.167	21.77	9.23	1.207	| O | I | | |	3.12
4.250	23.12	9.38	1.297	| O | I | | |	3.22
4.333	24.62	9.53	1.397	| O | I | | |	3.33
4.417	26.20	9.71	1.506	| O | I | | |	3.46
4.500	27.70	9.90	1.624	| O | I | | |	3.59
4.583	28.88	10.10	1.750	| O | I | | |	3.73
4.667	30.06	10.31	1.882	| O | I | | |	3.88
4.750	31.53	10.52	2.023	| O | I | | |	4.03
4.833	33.01	10.70	2.172	| O | I| | |	4.17
4.917	34.17	10.89	2.329	| O | I| | |	4.32
5.000	35.33	11.08	2.493	| O | I | | |	4.48
5.083	37.24	11.29	2.666	| O | |I | | |	4.64
5.167	41.15	11.52	2.857	| O | | I | | |	4.83
5.250	46.89	11.78	3.080	| O | | I | | |	5.04
5.333	52.61	12.04	3.340	| O | | I | |	5.27
5.417	58.04	12.34	3.638	| O | | | I | |	5.53
5.500	64.75	12.68	3.974	| O | | | I |	5.83
5.583	69.30	13.03	4.347	| O | | | I	6.16
5.667	57.65	13.34	4.694	| O | | | I | |	6.45
5.750	37.53	13.54	4.929	| O | |I | | |	6.65
5.833	25.24	13.65	5.051	| O | I | | |	6.75
5.917	18.63	13.70	5.108	| O I | | |	6.80
6.000	14.22	13.72	5.127	| O | | |	6.81
6.083	10.81	13.71	5.119	| I O | | |	6.81
6.167	7.99	13.68	5.089	| I O | | |	6.78
6.250	5.94	13.64	5.043	| I O | | |	6.74
6.333	4.53	13.59	4.985	| I O | | |	6.69
6.417	3.45	13.53	4.919	|I O | | |	6.64
6.500	2.57	13.47	4.847	|I O | | |	6.58
6.583	1.88	13.40	4.770	I O | | |	6.51
6.667	1.37	13.33	4.689	I O | | |	6.44
6.750	0.92	13.26	4.605	I O | | |	6.37
6.833	0.34	13.18	4.519	I O | | |	6.30
6.917	0.16	13.11	4.430	I O | | |	6.23
7.000	0.09	13.03	4.341	I O | | |	6.15
7.083	0.05	12.95	4.252	I O | | |	6.08
7.167	0.03	12.87	4.163	I O | | |	6.00
7.250	0.01	12.78	4.075	I O | | |	5.92
7.333	0.00	12.70	3.987	I O | | |	5.85
7.417	0.00	12.61	3.900	I O | | |	5.77
7.500	0.00	12.52	3.813	I O | | |	5.69
7.583	0.00	12.43	3.728	I O | | |	5.61
7.667	0.00	12.35	3.642	I O | | |	5.54
7.750	0.00	12.26	3.557	I O | | |	5.46
7.833	0.00	12.18	3.473	I O | | |	5.39
7.917	0.00	12.09	3.390	I O | | |	5.31
8.000	0.00	12.01	3.307	I O | | |	5.24
8.083	0.00	11.93	3.224	I O | | |	5.16
8.167	0.00	11.84	3.142	I O | | |	5.09
8.250	0.00	11.76	3.061	I O | | |	5.02
8.333	0.00	11.67	2.980	I O | | |	4.94
8.417	0.00	11.57	2.900	I O | | |	4.87
8.500	0.00	11.48	2.821	I O | | |	4.79
8.583	0.00	11.38	2.742	I O | | |	4.72
8.667	0.00	11.29	2.664	I O | | |	4.64
8.750	0.00	11.20	2.587	I O | | |	4.57
8.833	0.00	11.10	2.510	I O | | |	4.50
8.917	0.00	11.01	2.434	I O | | |	4.42
9.000	0.00	10.92	2.358	I O | | |	4.35
9.083	0.00	10.83	2.283	I O | | |	4.28
9.167	0.00	10.74	2.209	I O | | |	4.21

9.250	0.00	10.65	2.135	I	O	|	|	|	4.14
9.333	0.00	10.57	2.062	I	O	|	|	|	4.07
9.417	0.00	10.48	1.990	I	O	|	|	|	4.00
9.500	0.00	10.37	1.918	I	O	|	|	|	3.92
9.583	0.00	10.25	1.847	I	O	|	|	|	3.84
9.667	0.00	10.14	1.777	I	O	|	|	|	3.76
9.750	0.00	10.03	1.707	I	O	|	|	|	3.68
9.833	0.00	9.92	1.639	I	O	|	|	|	3.61
9.917	0.00	9.81	1.571	I	O	|	|	|	3.53
10.000	0.00	9.70	1.504	I	O	|	|	|	3.45
10.083	0.00	9.60	1.437	I	O	|	|	|	3.38
10.167	0.00	9.49	1.371	I	O	|	|	|	3.30
10.250	0.00	9.39	1.306	I	O	|	|	|	3.23
10.333	0.00	9.29	1.242	I	O	|	|	|	3.16
10.417	0.00	9.19	1.178	I	O	|	|	|	3.09
10.500	0.00	9.08	1.116	I	O	|	|	|	3.02
10.583	0.00	8.94	1.054	I	O	|	|	|	2.93
10.667	0.00	8.78	0.993	I	O	|	|	|	2.83
10.750	0.00	8.62	0.933	I	O	|	|	|	2.74
10.833	0.00	8.46	0.874	I	O	|	|	|	2.65
10.917	0.00	8.31	0.816	I	O	|	|	|	2.56
11.000	0.00	8.16	0.759	I	O	|	|	|	2.47
11.083	0.00	8.01	0.704	I	O	|	|	|	2.38
11.167	0.00	7.87	0.649	I	O	|	|	|	2.30
11.250	0.00	7.73	0.595	I	O	|	|	|	2.21
11.333	0.00	7.59	0.542	I	O	|	|	|	2.13
11.417	0.00	7.45	0.491	I	O	|	|	|	2.05
11.500	0.00	7.24	0.440	I	O	|	|	|	1.94
11.583	0.00	6.93	0.391	I	O	|	|	|	1.80
11.667	0.00	6.63	0.345	I	O	|	|	|	1.67
11.750	0.00	6.35	0.300	I	O	|	|	|	1.54
11.833	0.00	6.07	0.257	I	O	|	|	|	1.42
11.917	0.00	5.81	0.216	I	O	|	|	|	1.30
12.000	0.00	5.56	0.177	I	O	|	|	|	1.19
12.083	0.00	5.32	0.140	I	O	|	|	|	1.08
12.167	0.00	4.87	0.105	I	O	|	|	|	0.95
12.250	0.00	3.53	0.076	I	O	|	|	|	0.69
12.333	0.00	2.55	0.055	I	O	|	|	|	0.50
12.417	0.00	1.84	0.040	O		|	|	|	0.36
12.500	0.00	1.33	0.029	O		|	|	|	0.26
12.583	0.00	0.96	0.021	O		|	|	|	0.19
12.667	0.00	0.70	0.015	O		|	|	|	0.14
12.750	0.00	0.50	0.011	O		|	|	|	0.10
12.833	0.00	0.36	0.008	O		|	|	|	0.07
12.917	0.00	0.26	0.006	O		|	|	|	0.05
13.000	0.00	0.19	0.004	O		|	|	|	0.04
13.083	0.00	0.14	0.003	O		|	|	|	0.03
13.167	0.00	0.10	0.002	O		|	|	|	0.02
13.250	0.00	0.07	0.002	O		|	|	|	0.01
13.333	0.00	0.05	0.001	O		|	|	|	0.01
13.417	0.00	0.04	0.001	O		|	|	|	0.01
13.500	0.00	0.03	0.001	O		|	|	|	0.01
13.583	0.00	0.02	0.000	O		|	|	|	0.00
13.667	0.00	0.01	0.000	O		|	|	|	0.00
13.750	0.00	0.01	0.000	O		|	|	|	0.00
13.833	0.00	0.01	0.000	O		|	|	|	0.00
13.917	0.00	0.01	0.000	O		|	|	|	0.00
14.000	0.00	0.00	0.000	O		|	|	|	0.00

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

Number of intervals = 168
Time interval = 5.0 (Min.)
Maximum/Peak flow rate = 13.715 (CFS)

```
            Total volume =       9.254 (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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                  FLOOD HYDROGRAPH ROUTING PROGRAM
          Copyright (c) CIVILCADD/CIVILDESIGN, 1989 - 2005
                      Study date: 04/16/24

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Keller Crossing, Tr. 38163
Drainage Area Area F (Existing offsite and Proposed on-site) = 59.0 Ac
Detention Basin F Routing
100-year 24-hour storm


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Program License Serial Number 4029

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

             From study/file name: 907hydbpr24100.rte
****************************HYDROGRAPH DATA*****************************
             Number of intervals =   303
             Time interval =    5.0 (Min.)
             Maximum/Peak flow rate =       26.887 (CFS)
             Total volume =      13.448 (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       10.000 to Point/Station       11.000
**** RETARDING BASIN ROUTING ****
________________________________________________________________________

User entry of depth-outflow-storage data
------------------------------------------------------------------------
Total number of inflow hydrograph intervals = 303
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  Storage    Outflow   (S-O*dt/2)   (S+O*dt/2)
     (Ft.)    (Ac.Ft)    (CFS)     (Ac.Ft)    (Ac.Ft)
------------------------------------------------------------------------
   0.000      0.000      0.000      0.000        0.000
   1.000      0.110      5.130      0.092        0.128
   2.000      0.460      7.370      0.435        0.485
   3.000      1.100      9.060      1.069        1.131
   4.000      1.990     10.480      1.954        2.026
   5.000      3.040     11.740      3.000        3.080
```

6.000	4.160	12.870	4.116	4.204
7.000	5.350	13.910	5.302	5.398
8.000	6.610	14.880	6.559	6.661
9.000	7.950	15.780	7.896	8.004
10.000	9.350	106.650	8.983	9.717
11.000	10.830	272.020	9.893	11.767
12.000	12.390	485.890	10.717	14.063
13.000	14.020	738.990	11.475	16.565

Hydrograph Detention Basin Routing

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

Time (Hours)	Inflow (CFS)	Outflow (CFS)	Storage (Ac.Ft)	.0	6.7	13.44	20.17	26.89	Depth (Ft.)
0.083	0.06	0.01	0.000	O	|	|	|	|	0.00
0.167	0.34	0.06	0.001	O	|	|	|	|	0.01
0.250	0.63	0.18	0.004	O	|	|	|	|	0.03
0.333	0.79	0.33	0.007	O	|	|	|	|	0.06
0.417	1.00	0.48	0.010	OI	|	|	|	|	0.09
0.500	1.19	0.65	0.014	OI	|	|	|	|	0.13
0.583	1.29	0.82	0.018	OI	|	|	|	|	0.16
0.667	1.35	0.96	0.021	|O	|	|	|	|	0.19
0.750	1.40	1.07	0.023	|O	|	|	|	|	0.21
0.833	1.46	1.17	0.025	|O	|	|	|	|	0.23
0.917	1.63	1.27	0.027	|O	|	|	|	|	0.25
1.000	1.79	1.39	0.030	|OI	|	|	|	|	0.27
1.083	1.84	1.51	0.032	|OI	|	|	|	|	0.29
1.167	1.75	1.59	0.034	|OI	|	|	|	|	0.31
1.250	1.64	1.62	0.035	|O	|	|	|	|	0.32
1.333	1.60	1.62	0.035	|O	|	|	|	|	0.32
1.417	1.58	1.61	0.035	|O	|	|	|	|	0.31
1.500	1.57	1.60	0.034	|O	|	|	|	|	0.31
1.583	1.56	1.59	0.034	|O	|	|	|	|	0.31
1.667	1.56	1.58	0.034	|O	|	|	|	|	0.31
1.750	1.55	1.57	0.034	|O	|	|	|	|	0.31
1.833	1.58	1.57	0.034	|O	|	|	|	|	0.31
1.917	1.71	1.59	0.034	|OI	|	|	|	|	0.31
2.000	1.86	1.65	0.035	|OI	|	|	|	|	0.32
2.083	1.92	1.71	0.037	| O	|	|	|	|	0.33
2.167	1.95	1.78	0.038	| O	|	|	|	|	0.35
2.250	1.97	1.83	0.039	| O	|	|	|	|	0.36
2.333	1.99	1.87	0.040	| O	|	|	|	|	0.36
2.417	2.00	1.90	0.041	| O	|	|	|	|	0.37
2.500	2.01	1.93	0.041	| O	|	|	|	|	0.38
2.583	2.05	1.96	0.042	| O	|	|	|	|	0.38
2.667	2.19	2.01	0.043	| O	|	|	|	|	0.39
2.750	2.35	2.08	0.045	| O	|	|	|	|	0.41
2.833	2.42	2.16	0.046	| O	|	|	|	|	0.42
2.917	2.45	2.24	0.048	| O	|	|	|	|	0.44
3.000	2.48	2.30	0.049	| O	|	|	|	|	0.45
3.083	2.50	2.35	0.050	| O	|	|	|	|	0.46
3.167	2.51	2.40	0.051	| O	|	|	|	|	0.47
3.250	2.52	2.43	0.052	| OI	|	|	|	|	0.47
3.333	2.53	2.46	0.053	| OI	|	|	|	|	0.48
3.417	2.54	2.48	0.053	| OI	|	|	|	|	0.48
3.500	2.54	2.49	0.053	| OI	|	|	|	|	0.49
3.583	2.54	2.51	0.054	| OI	|	|	|	|	0.49
3.667	2.55	2.52	0.054	| OI	|	|	|	|	0.49
3.750	2.55	2.53	0.054	| O	|	|	|	|	0.49
3.833	2.59	2.54	0.054	| O	|	|	|	|	0.49
3.917	2.72	2.57	0.055	| O	|	|	|	|	0.50

4.000	2.87	2.63	0.056	O					0.51
4.083	2.93	2.71	0.058	O					0.53
4.167	2.97	2.78	0.060	O					0.54
4.250	2.99	2.83	0.061	O					0.55
4.333	3.04	2.88	0.062	O					0.56
4.417	3.19	2.95	0.063	O					0.57
4.500	3.35	3.04	0.065	O					0.59
4.583	3.42	3.13	0.067	OI					0.61
4.667	3.46	3.22	0.069	OI					0.63
4.750	3.49	3.29	0.071	OI					0.64
4.833	3.54	3.35	0.072	OI					0.65
4.917	3.70	3.43	0.073	O					0.67
5.000	3.86	3.52	0.076	O					0.69
5.083	3.87	3.62	0.078	O					0.71
5.167	3.63	3.65	0.078	O					0.71
5.250	3.37	3.61	0.077	O					0.70
5.333	3.29	3.53	0.076	IO					0.69
5.417	3.38	3.48	0.075	O					0.68
5.500	3.49	3.47	0.074	O					0.68
5.583	3.56	3.48	0.075	O					0.68
5.667	3.71	3.53	0.076	O					0.69
5.750	3.87	3.60	0.077	O					0.70
5.833	3.94	3.68	0.079	O					0.72
5.917	3.98	3.76	0.081	O					0.73
6.000	4.00	3.82	0.082	O					0.75
6.083	4.06	3.88	0.083	O					0.76
6.167	4.21	3.95	0.085	OI					0.77
6.250	4.36	4.04	0.087	OI					0.79
6.333	4.43	4.14	0.089	OI					0.81
6.417	4.48	4.23	0.091	O					0.82
6.500	4.51	4.30	0.092	O					0.84
6.583	4.57	4.37	0.094	O					0.85
6.667	4.72	4.44	0.095	O					0.87
6.750	4.88	4.54	0.097	O					0.89
6.833	4.95	4.65	0.100	O					0.91
6.917	4.99	4.74	0.102	O					0.92
7.000	5.02	4.81	0.103	O					0.94
7.083	5.04	4.87	0.104	OI					0.95
7.167	5.06	4.92	0.106	OI					0.96
7.250	5.07	4.96	0.106	OI					0.97
7.333	5.12	5.00	0.107	OI					0.97
7.417	5.26	5.05	0.108	O					0.98
7.500	5.41	5.13	0.110	O					1.00
7.583	5.51	5.14	0.112	O					1.01
7.667	5.69	5.16	0.115	O					1.02
7.750	5.86	5.19	0.119	O					1.03
7.833	5.98	5.22	0.124	OI					1.04
7.917	6.16	5.26	0.130	OI					1.06
8.000	6.34	5.30	0.137	OI					1.08
8.083	6.50	5.35	0.144	OI					1.10
8.167	6.82	5.41	0.153	O I					1.12
8.250	7.16	5.47	0.164	O I					1.15
8.333	7.31	5.55	0.176	O I					1.19
8.417	7.41	5.63	0.188	O I					1.22
8.500	7.48	5.71	0.200	O I					1.26
8.583	7.61	5.79	0.212	O I					1.29
8.667	7.93	5.87	0.226	O I					1.33
8.750	8.26	5.97	0.241	O I					1.37
8.833	8.49	6.07	0.257	O I					1.42
8.917	8.86	6.18	0.275	O I					1.47
9.000	9.22	6.31	0.294	O I					1.53
9.083	9.54	6.44	0.315	O I					1.58
9.167	10.18	6.59	0.338	O I					1.65

9.250	10.83	6.76	0.364	| O I |	|	|	1.73
9.333	11.22	6.94	0.393	| O I |	|	|	1.81
9.417	11.68	7.13	0.423	| O I |	|	|	1.89
9.500	12.10	7.34	0.455	| O I |	|	|	1.99
9.583	12.40	7.45	0.489	| O I |	|	|	2.04
9.667	12.82	7.54	0.524	| O I|	|	|	2.10
9.750	13.23	7.64	0.561	|O I|	|	|	2.16
9.833	13.51	7.74	0.600	|O I |	|	|	2.22
9.917	13.92	7.85	0.641	|O I |	|	|	2.28
10.000	14.32	7.96	0.684	|O |I |	|	|	2.35
10.083	14.11	8.07	0.727	|O I |	|	|	2.42
10.167	12.44	8.17	0.762	|O I |	|	|	2.47
10.250	10.61	8.23	0.785	|O I |	|	|	2.51
10.333	9.86	8.26	0.799	|O I |	|	|	2.53
10.417	9.48	8.29	0.808	|O I |	|	|	2.54
10.500	9.22	8.31	0.816	|OI |	|	|	2.56
10.583	9.36	8.33	0.822	|O I |	|	|	2.57
10.667	10.53	8.36	0.833	|O I |	|	|	2.58
10.750	11.83	8.41	0.853	| O I |	|	|	2.61
10.833	12.38	8.47	0.878	| O I |	|	|	2.65
10.917	12.65	8.55	0.906	| O I|	|	|	2.70
11.000	12.85	8.62	0.934	| O I|	|	|	2.74
11.083	12.93	8.70	0.963	| O I|	|	|	2.79
11.167	12.78	8.77	0.992	| O I|	|	|	2.83
11.250	12.59	8.84	1.018	| O I |	|	|	2.87
11.333	12.53	8.91	1.044	| O I |	|	|	2.91
11.417	12.56	8.98	1.069	| O I |	|	|	2.95
11.500	12.59	9.04	1.093	| O I |	|	|	2.99
11.583	12.50	9.09	1.117	| O I |	|	|	3.02
11.667	12.01	9.12	1.139	| O I |	|	|	3.04
11.750	11.49	9.15	1.157	| O I |	|	|	3.06
11.833	11.35	9.18	1.172	| O I |	|	|	3.08
11.917	11.50	9.20	1.188	| O I |	|	|	3.10
12.000	11.70	9.23	1.204	| O I |	|	|	3.12
12.083	12.20	9.26	1.223	| O I |	|	|	3.14
12.167	14.06	9.30	1.249	| O I	|	|	3.17
12.250	16.03	9.36	1.289	| O | I |	|	|	3.21
12.333	16.97	9.44	1.338	| O | I |	|	|	3.27
12.417	17.70	9.53	1.392	| O | I |	|	|	3.33
12.500	18.32	9.62	1.450	| O | I |	|	|	3.39
12.583	18.82	9.72	1.511	| O | I |	|	|	3.46
12.667	19.60	9.82	1.576	| O | I|	|	|	3.53
12.750	20.35	9.93	1.646	| O | I	|	|	3.61
12.833	20.82	10.05	1.719	| O | I	|	|	3.70
12.917	21.35	10.17	1.794	| O | |I	|	|	3.78
13.000	21.83	10.29	1.873	| O | |I	|	|	3.87
13.083	22.42	10.42	1.954	| O | | I	|	|	3.96
13.167	23.91	10.54	2.041	| O | | I	|	|	4.05
13.250	25.44	10.66	2.138	| O | | I	|	|	4.14
13.333	26.19	10.78	2.242	| O | | I|	|	|	4.24
13.417	26.59	10.91	2.349	| O | | I|	|	|	4.34
13.500	26.89	11.04	2.457	| O | | I	|	|	4.45
13.583	26.44	11.17	2.565	| O | | I|	|	|	4.55
13.667	23.76	11.28	2.660	| O | | I	|	|	4.64
13.750	20.85	11.37	2.736	| O | I |	|	|	4.71
13.833	19.63	11.45	2.797	| O | I|	|	|	4.77
13.917	19.01	11.51	2.851	| O | I |	|	|	4.82
14.000	18.59	11.57	2.901	| O | I |	|	|	4.87
14.083	18.55	11.63	2.949	| O | I |	|	|	4.91
14.167	19.36	11.69	2.999	| O | I|	|	|	4.96
14.250	20.33	11.75	3.055	| O | I	|	|	5.01
14.333	20.64	11.82	3.115	| O | I	|	|	5.07
14.417	20.53	11.88	3.175	| O | I	|	|	5.12

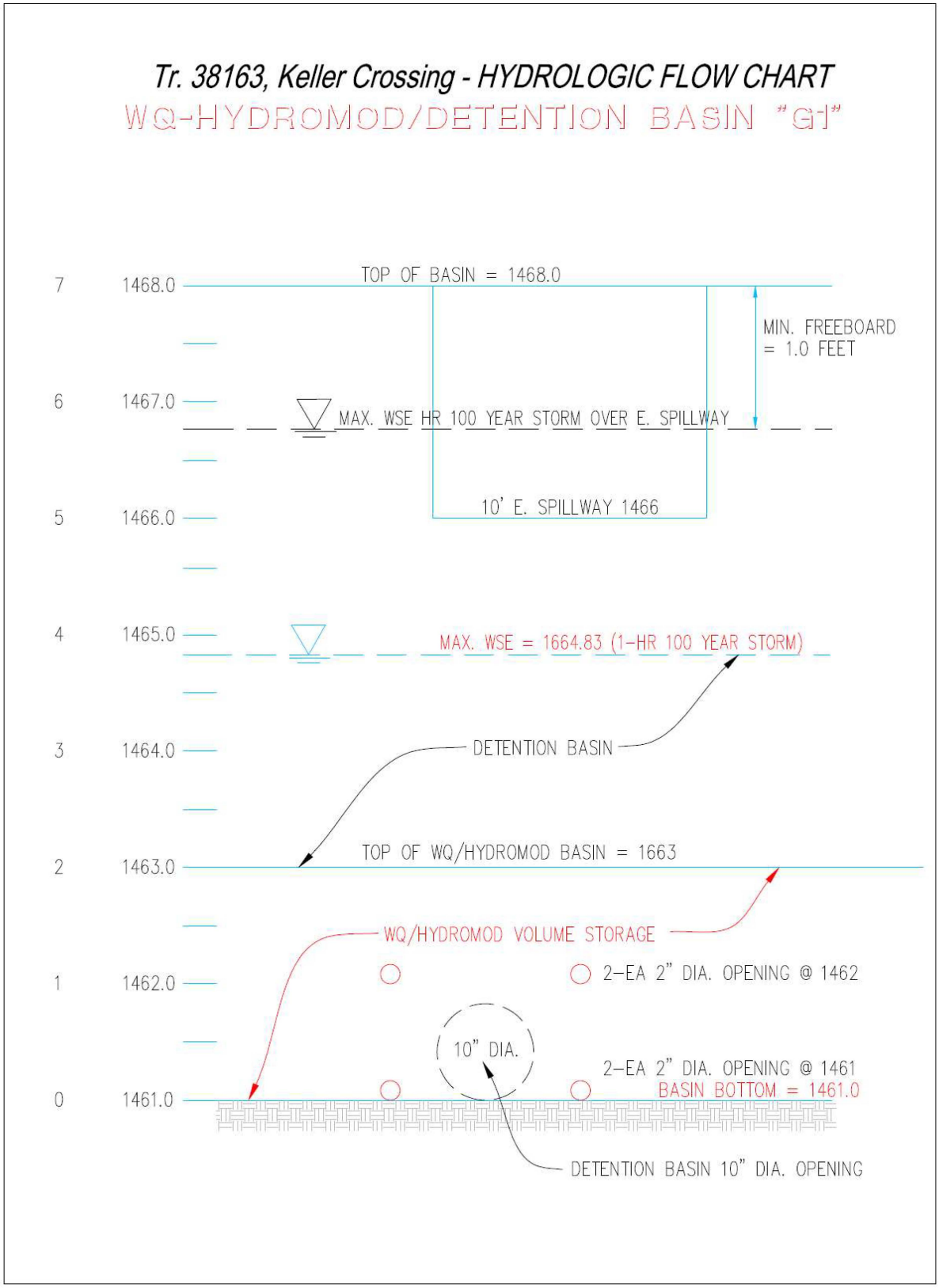
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14.667	20.31	12.05	3.348		O	I	5.28
14.750	20.30	12.11	3.405		O	I	5.33
14.833	20.23	12.16	3.461		O	I	5.38
14.917	20.02	12.22	3.516		O	I	5.42
15.000	19.78	12.27	3.568		O	I	5.47
15.083	19.64	12.32	3.619		O	I	5.52
15.167	19.35	12.37	3.669		O	I	5.56
15.250	19.06	12.42	3.715		O	I	5.60
15.333	18.89	12.47	3.760		O	I	5.64
15.417	18.55	12.51	3.803		O	I	5.68
15.500	18.23	12.55	3.844		O	I	5.72
15.583	17.84	12.59	3.881		O	I	5.75
15.667	16.72	12.62	3.914		O	I	5.78
15.750	15.57	12.65	3.938		O	I	5.80
15.833	15.05	12.66	3.956		O	I	5.82
15.917	14.77	12.68	3.971		O	I	5.83
16.000	14.58	12.69	3.985		O	I	5.84
16.083	13.69	12.70	3.995		O	I	5.85
16.167	10.37	12.70	3.990		I O		5.85
16.250	6.85	12.67	3.962		I O		5.82
16.333	5.27	12.62	3.917		I O		5.78
16.417	4.41	12.57	3.863		I O		5.74
16.500	3.81	12.51	3.805		I O		5.68
16.583	3.35	12.45	3.744		I O		5.63
16.667	2.88	12.39	3.680		I O		5.57
16.750	2.50	12.32	3.613	I	O		5.51
16.833	2.22	12.25	3.545	I	O		5.45
16.917	2.04	12.18	3.476	I	O		5.39
17.000	1.90	12.11	3.406	I	O		5.33
17.083	1.85	12.04	3.335	I	O		5.26
17.167	2.05	11.97	3.266	I	O		5.20
17.250	2.27	11.90	3.199	I	O		5.14
17.333	2.32	11.83	3.133	I	O		5.08
17.417	2.38	11.77	3.068	I	O		5.02
17.500	2.42	11.70	3.004	I	O		4.97
17.583	2.45	11.62	2.940	I	O		4.90
17.667	2.48	11.54	2.877	I	O		4.84
17.750	2.49	11.47	2.815	I	O		4.79
17.833	2.47	11.40	2.753	I	O		4.73
17.917	2.35	11.32	2.692	I	O		4.67
18.000	2.21	11.25	2.630	I	O		4.61
18.083	2.16	11.17	2.568	I	O		4.55
18.167	2.13	11.10	2.506	I	O		4.49
18.250	2.11	11.02	2.444	I	O		4.43
18.333	2.10	10.95	2.383	I	O		4.37
18.417	2.08	10.88	2.322	I	O		4.32
18.500	2.07	10.81	2.262	I	O		4.26
18.583	2.03	10.73	2.202	I	O		4.20
18.667	1.89	10.66	2.142	I	O		4.14
18.750	1.74	10.59	2.081	I	O		4.09
18.833	1.64	10.52	2.020	I	O		4.03
18.917	1.46	10.43	1.958	I	O		3.96
19.000	1.29	10.33	1.896	I	O		3.89
19.083	1.24	10.23	1.834	I	O		3.83
19.167	1.33	10.13	1.773	I	O		3.76
19.250	1.44	10.04	1.713	I	O		3.69
19.333	1.51	9.94	1.654	I	O		3.62
19.417	1.67	9.85	1.597	I	O		3.56
19.500	1.82	9.76	1.542	I	O		3.50
19.583	1.86	9.68	1.487	I	O		3.44
19.667	1.76	9.59	1.434	I	O		3.37

19.750	1.64	9.51	1.379	I	O			3.31
19.833	1.56	9.42	1.325	I	O			3.25
19.917	1.40	9.33	1.271	I	O			3.19
20.000	1.25	9.25	1.216	I	O			3.13
20.083	1.21	9.16	1.161	I	O			3.07
20.167	1.30	9.07	1.107	I	O			3.01
20.250	1.43	8.94	1.054	I	O			2.93
20.333	1.47	8.80	1.003	I	O			2.85
20.417	1.49	8.67	0.953	I	O			2.77
20.500	1.50	8.54	0.904	I	O			2.69
20.583	1.51	8.42	0.856	I	O			2.62
20.667	1.51	8.29	0.809	I	O			2.55
20.750	1.52	8.17	0.763	I	O			2.47
20.833	1.48	8.05	0.717	I	O			2.40
20.917	1.35	7.93	0.672	I	O			2.33
21.000	1.21	7.81	0.627	I	O			2.26
21.083	1.17	7.69	0.582	I	O			2.19
21.167	1.28	7.57	0.537	I	O			2.12
21.250	1.41	7.46	0.495	I	O			2.05
21.333	1.42	7.33	0.454	I	O			1.98
21.417	1.31	7.07	0.414	I	O			1.87
21.500	1.18	6.82	0.374	I	O			1.76
21.583	1.15	6.58	0.336	I	O			1.65
21.667	1.26	6.35	0.300	I	O			1.54
21.750	1.39	6.13	0.266	I	O			1.45
21.833	1.41	5.93	0.234	I	O			1.36
21.917	1.30	5.73	0.203	I	O			1.27
22.000	1.17	5.53	0.173	I	O			1.18
22.083	1.14	5.35	0.144	I	O			1.10
22.167	1.26	5.17	0.116	I	O			1.02
22.250	1.39	4.30	0.092	I	O			0.84
22.333	1.41	3.50	0.075	I	O			0.68
22.417	1.30	2.90	0.062	I	O			0.57
22.500	1.17	2.44	0.052	I	O			0.48
22.583	1.11	2.08	0.045	I	O			0.41
22.667	1.09	1.81	0.039	I	O			0.35
22.750	1.07	1.61	0.034	O				0.31
22.833	1.06	1.46	0.031	O				0.28
22.917	1.05	1.35	0.029	O				0.26
23.000	1.04	1.26	0.027	O				0.25
23.083	1.04	1.20	0.026	O				0.23
23.167	1.03	1.16	0.025	O				0.23
23.250	1.03	1.12	0.024	O				0.22
23.333	1.03	1.10	0.024	O				0.21
23.417	1.03	1.08	0.023	O				0.21
23.500	1.02	1.06	0.023	O				0.21
23.583	1.02	1.05	0.023	O				0.21
23.667	1.02	1.04	0.022	O				0.20
23.750	1.02	1.04	0.022	O				0.20
23.833	1.02	1.03	0.022	O				0.20
23.917	1.02	1.03	0.022	O				0.20
24.000	1.02	1.03	0.022	O				0.20
24.083	0.96	1.02	0.022	O				0.20
24.167	0.68	0.96	0.021	O				0.19
24.250	0.39	0.84	0.018	O				0.16
24.333	0.26	0.70	0.015	O				0.14
24.417	0.19	0.57	0.012	O				0.11
24.500	0.14	0.46	0.010	O				0.09
24.583	0.11	0.37	0.008	O				0.07
24.667	0.08	0.29	0.006	O				0.06
24.750	0.06	0.23	0.005	O				0.05
24.833	0.05	0.18	0.004	O				0.04
24.917	0.04	0.14	0.003	O				0.03

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25.000    0.03    0.11      0.002  O       |       |       |       |      0.02
25.083    0.02    0.09      0.002  O       |       |       |       |      0.02
25.167    0.01    0.07      0.001  O       |       |       |       |      0.01
25.250    0.01    0.05      0.001  O       |       |       |       |      0.01
25.333    0.00    0.04      0.001  O       |       |       |       |      0.01
25.417    0.00    0.03      0.001  O       |       |       |       |      0.01
25.500    0.00    0.02      0.000  O       |       |       |       |      0.00
25.583    0.00    0.01      0.000  O       |       |       |       |      0.00
25.667    0.00    0.01      0.000  O       |       |       |       |      0.00
25.750    0.00    0.01      0.000  O       |       |       |       |      0.00
25.833    0.00    0.01      0.000  O       |       |       |       |      0.00
25.917    0.00    0.00      0.000  O       |       |       |       |      0.00

      ****************************HYDROGRAPH DATA****************************
                  Number of intervals =   311
                  Time interval =    5.0 (Min.)
                  Maximum/Peak flow rate =       12.703 (CFS)
                  Total volume =      13.448 (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
      ***********************************************************************

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


Tr. 38163, Keller Crossing - HYDROLOGIC FLOW CHART
WQ-HYDROMOD/DETENTION BASIN "G1"
7
1468.0
TOP OF BASIN = 1468.0
MIN. FREEBOARD
= 1.0 FEET
6
1467.0
MAX. WSE HR 100 YEAR STORM OVER E. SPILLWAY
10' E. SPILLWAY 1466
5
1466.0
4
1465.0
MAX. WSE = 1664.83 (1-HR 100 YEAR STORM)
3
1464.0
DETENTION BASIN
TOP OF WQ/HYDROMOD BASIN = 1663
2
1463.0
WQ/HYDROMOD VOLUME STORAGE
1
1462.0
2-EA 2" DIA. OPENING @ 1462
10" DIA.
2-EA 2" DIA. OPENING @ 1461
BASIN BOTTOM = 1461.0
0
1461.0
DETENTION BASIN 10" DIA. OPENING

```
FLOOD HYDROGRAPH ROUTING PROGRAM
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                              Study date: 09/16/22


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

      Tract 38163 - Keller Crossing
      Detention Basin Routing Area G
      Inflow Hydrograph 100-year 1-hour storm


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


      Program License Serial Number 4029

      ---------------------------------------------------------------------
      ******************** HYDROGRAPH INFORMATION **********************

                  From study/file name: kchydg11100.rte
      ****************************HYDROGRAPH DATA****************************
                  Number of intervals =    13
                  Time interval =    5.0 (Min.)
                  Maximum/Peak flow rate =       20.520 (CFS)
                  Total volume =       0.530 (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
      **** RETARDING BASIN ROUTING ****
      _______________________________________________________________________

      User entry of depth-outflow-storage data
      ---------------------------------------------------------------------
      Total number of inflow hydrograph intervals = 13
      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  Storage    Outflow   (S-O*dt/2)   (S+O*dt/2)
            (Ft.)    (Ac.Ft)    (CFS)     (Ac.Ft)    (Ac.Ft)
      ---------------------------------------------------------------------
         0.000      0.000      0.000      0.000        0.000
         1.000      0.151      4.680      0.135        0.167
         2.000      0.327      5.510      0.308        0.346
         3.000      0.528      6.230      0.507        0.549
         4.000      0.755     37.240      0.627        0.883
         5.000      1.010     93.440      0.688        1.332
      ---------------------------------------------------------------------
                  Hydrograph Detention Basin Routing
```

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

Time (Hours)	Inflow (CFS)	Outflow (CFS)	Storage (Ac.Ft)	.0 5.1 10.26 15.39 20.52	Depth (Ft.)
0.083	1.62	0.16	0.005	O I	0.03
0.167	2.86	0.56	0.018	O I	0.12
0.250	3.20	1.03	0.033	O I	0.22
0.333	3.47	1.48	0.048	O I	0.32
0.417	3.79	1.89	0.061	O I	0.40
0.500	4.44	2.32	0.075	O I	0.50
0.583	5.03	2.79	0.090	O I	0.60
0.667	6.28	3.34	0.108	O I	0.71
0.750	9.59	4.23	0.136	O I	0.90
0.833	20.52	4.95	0.208	O I	1.33
0.917	11.65	5.31	0.284	O I	1.76
1.000	3.63	5.38	0.300	I O	1.85
1.083	0.87	5.28	0.279	I O	1.72
1.167	0.00	5.13	0.246	I O	1.54
1.250	0.00	4.96	0.211	I O	1.34
1.333	0.00	4.80	0.177	I O	1.15
1.417	0.00	4.50	0.145	I O	0.96
1.500	0.00	3.63	0.117	I O	0.78
1.583	0.00	2.93	0.095	I O	0.63
1.667	0.00	2.37	0.076	I O	0.51
1.750	0.00	1.91	0.062	I O	0.41
1.833	0.00	1.54	0.050	I O	0.33
1.917	0.00	1.24	0.040	IO	0.27
2.000	0.00	1.00	0.032	IO	0.21
2.083	0.00	0.81	0.026	IO	0.17
2.167	0.00	0.65	0.021	IO	0.14
2.250	0.00	0.53	0.017	O	0.11
2.333	0.00	0.43	0.014	O	0.09
2.417	0.00	0.34	0.011	O	0.07
2.500	0.00	0.28	0.009	O	0.06
2.583	0.00	0.22	0.007	O	0.05
2.667	0.00	0.18	0.006	O	0.04
2.750	0.00	0.15	0.005	O	0.03
2.833	0.00	0.12	0.004	O	0.03
2.917	0.00	0.10	0.003	O	0.02
3.000	0.00	0.08	0.002	O	0.02
3.083	0.00	0.06	0.002	O	0.01
3.167	0.00	0.05	0.002	O	0.01
3.250	0.00	0.04	0.001	O	0.01
3.333	0.00	0.03	0.001	O	0.01
3.417	0.00	0.03	0.001	O	0.01
3.500	0.00	0.02	0.001	O	0.00
3.583	0.00	0.02	0.001	O	0.00
3.667	0.00	0.01	0.000	O	0.00
3.750	0.00	0.01	0.000	O	0.00
3.833	0.00	0.01	0.000	O	0.00
3.917	0.00	0.01	0.000	O	0.00
4.000	0.00	0.01	0.000	O	0.00
4.083	0.00	0.00	0.000	O	0.00
4.167	0.00	0.00	0.000	O	0.00

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

Number of intervals = 50
Time interval = 5.0 (Min.)
Maximum/Peak flow rate = 5.381 (CFS)
Total volume = 0.530 (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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                  FLOOD HYDROGRAPH ROUTING PROGRAM
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                      Study date: 09/16/22

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

Tract 38163 - Keller Crossing
Detention Basin Routing Area G
Inflow Hydrograph 100-year 3-hour storm


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


Program License Serial Number 4029

------------------------------------------------------------------------
********************* HYDROGRAPH INFORMATION **********************

             From study/file name: kchydg13100.rte
****************************HYDROGRAPH DATA*****************************
             Number of intervals =    37
             Time interval =    5.0 (Min.)
             Maximum/Peak flow rate =        9.102 (CFS)
             Total volume =       0.746 (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
**** RETARDING BASIN ROUTING ****
________________________________________________________________________

User entry of depth-outflow-storage data
------------------------------------------------------------------------
Total number of inflow hydrograph intervals = 37
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  Storage    Outflow   (S-O*dt/2)   (S+O*dt/2)
     (Ft.)    (Ac.Ft)    (CFS)     (Ac.Ft)    (Ac.Ft)
------------------------------------------------------------------------
   0.000      0.000      0.000      0.000        0.000
   1.000      0.151      4.680      0.135        0.167
   2.000      0.327      5.510      0.308        0.346
   3.000      0.528      6.230      0.507        0.549
   4.000      0.755     37.240      0.627        0.883
   5.000      1.010     93.440      0.688        1.332
------------------------------------------------------------------------
```

Hydrograph Detention Basin Routing

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

Time (Hours)	Inflow (CFS)	Outflow (CFS)	Storage (Ac.Ft)	.0 2.3 4.55 6.83 9.10	Depth (Ft.)
0.083	0.86	0.08	0.003	O I	0.02
0.167	1.25	0.27	0.009	O I	0.06
0.250	1.09	0.44	0.014	O I	0.09
0.333	1.34	0.59	0.019	O I	0.13
0.417	1.49	0.75	0.024	O I	0.16
0.500	1.73	0.92	0.030	O I	0.20
0.583	1.60	1.06	0.034	O I	0.23
0.667	1.73	1.18	0.038	O I	0.25
0.750	1.85	1.30	0.042	O I	0.28
0.833	1.60	1.38	0.044	OI	0.29
0.917	1.57	1.42	0.046	OI	0.30
1.000	1.77	1.47	0.047	OI	0.31
1.083	2.17	1.56	0.050	O I	0.33
1.167	2.32	1.70	0.055	O I	0.36
1.250	2.32	1.82	0.059	O I	0.39
1.333	2.16	1.90	0.061	OI	0.41
1.417	2.57	1.99	0.064	O I	0.42
1.500	2.88	2.13	0.069	O I	0.46
1.583	2.67	2.25	0.073	O I	0.48
1.667	2.80	2.35	0.076	OI	0.50
1.750	3.40	2.49	0.080	O I	0.53
1.833	3.46	2.67	0.086	O I	0.57
1.917	3.23	2.80	0.090	O I	0.60
2.000	3.23	2.88	0.093	OI	0.62
2.083	3.35	2.96	0.096	OI	0.63
2.167	4.28	3.13	0.101	O I	0.67
2.250	5.34	3.45	0.111	O I	0.74
2.333	4.42	3.73	0.120	O I	0.80
2.417	6.54	4.07	0.131	O I	0.87
2.500	8.18	4.68	0.152	O I	1.00
2.583	9.10	4.81	0.179	O I	1.16
2.667	7.57	4.92	0.203	O I	1.29
2.750	3.54	4.94	0.207	I O	1.32
2.833	1.92	4.87	0.192	I O	1.23
2.917	1.85	4.78	0.172	I O	1.12
3.000	0.94	4.61	0.149	I O	0.99
3.083	0.17	3.83	0.124	I O	0.82
3.167	0.00	3.11	0.100	I O	0.66
3.250	0.00	2.51	0.081	I O	0.54
3.333	0.00	2.02	0.065	I O	0.43
3.417	0.00	1.63	0.053	I O	0.35
3.500	0.00	1.32	0.043	I O	0.28
3.583	0.00	1.06	0.034	I O	0.23
3.667	0.00	0.86	0.028	I O	0.18
3.750	0.00	0.69	0.022	I O	0.15
3.833	0.00	0.56	0.018	IO	0.12
3.917	0.00	0.45	0.015	IO	0.10
4.000	0.00	0.36	0.012	IO	0.08
4.083	0.00	0.29	0.009	IO	0.06
4.167	0.00	0.24	0.008	O	0.05
4.250	0.00	0.19	0.006	O	0.04
4.333	0.00	0.15	0.005	O	0.03
4.417	0.00	0.12	0.004	O	0.03
4.500	0.00	0.10	0.003	O	0.02
4.583	0.00	0.08	0.003	O	0.02
4.667	0.00	0.07	0.002	O	0.01

```
4.750    0.00    0.05      0.002  O       |       |       |       |      0.01
4.833    0.00    0.04      0.001  O       |       |       |       |      0.01
4.917    0.00    0.03      0.001  O       |       |       |       |      0.01
5.000    0.00    0.03      0.001  O       |       |       |       |      0.01
5.083    0.00    0.02      0.001  O       |       |       |       |      0.00
5.167    0.00    0.02      0.001  O       |       |       |       |      0.00
5.250    0.00    0.01      0.000  O       |       |       |       |      0.00
5.333    0.00    0.01      0.000  O       |       |       |       |      0.00
5.417    0.00    0.01      0.000  O       |       |       |       |      0.00
5.500    0.00    0.01      0.000  O       |       |       |       |      0.00
5.583    0.00    0.01      0.000  O       |       |       |       |      0.00
5.667    0.00    0.01      0.000  O       |       |       |       |      0.00
5.750    0.00    0.00      0.000  O       |       |       |       |      0.00

     ****************************HYDROGRAPH DATA****************************
                  Number of intervals =    69
                  Time interval =    5.0 (Min.)
                  Maximum/Peak flow rate =        4.943 (CFS)
                  Total volume =       0.746 (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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                     Study date: 09/16/22

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

Tract 38163 - Keller Crossing
Detention Basin Routing Area G
Inflow Hydrograph 100-year 6-hour storm


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


Program License Serial Number 4029

------------------------------------------------------------------------
******************** HYDROGRAPH INFORMATION **********************

             From study/file name: kchydg16100.rte
****************************HYDROGRAPH DATA*****************************
             Number of intervals =    73
             Time interval =    5.0 (Min.)
             Maximum/Peak flow rate =        8.440 (CFS)
             Total volume =       0.992 (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
**** RETARDING BASIN ROUTING ****
________________________________________________________________________

User entry of depth-outflow-storage data
------------------------------------------------------------------------
Total number of inflow hydrograph intervals = 73
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  Storage    Outflow   (S-O*dt/2)   (S+O*dt/2)
     (Ft.)    (Ac.Ft)    (CFS)     (Ac.Ft)    (Ac.Ft)
------------------------------------------------------------------------
   0.000      0.000      0.000      0.000        0.000
   1.000      0.151      4.680      0.135        0.167
   2.000      0.327      5.510      0.308        0.346
   3.000      0.528      6.230      0.507        0.549
   4.000      0.755     37.240      0.627        0.883
   5.000      1.010     93.440      0.688        1.332
------------------------------------------------------------------------
```

Hydrograph Detention Basin Routing

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

Time (Hours)	Inflow (CFS)	Outflow (CFS)	Storage (Ac.Ft)	.0 2.1 4.22 6.33 8.44	Depth (Ft.)
0.083	0.42	0.04	0.001	OI	0.01
0.167	0.69	0.14	0.004	O I	0.03
0.250	0.73	0.25	0.008	O I	0.05
0.333	0.73	0.34	0.011	|OI	0.07
0.417	0.73	0.42	0.013	|OI	0.09
0.500	0.82	0.49	0.016	|O I	0.10
0.583	0.86	0.55	0.018	| OI	0.12
0.667	0.86	0.61	0.020	| OI	0.13
0.750	0.86	0.66	0.021	| OI	0.14
0.833	0.86	0.70	0.023	| OI	0.15
0.917	0.86	0.73	0.024	| OI	0.16
1.000	0.97	0.77	0.025	| OI	0.16
1.083	1.02	0.81	0.026	| O	0.17
1.167	1.02	0.85	0.027	| O	0.18
1.250	1.02	0.88	0.029	| O	0.19
1.333	1.02	0.91	0.029	| O	0.19
1.417	1.02	0.93	0.030	| O	0.20
1.500	1.02	0.95	0.031	| O	0.20
1.583	1.02	0.96	0.031	| O	0.21
1.667	1.02	0.98	0.031	| O	0.21
1.750	1.02	0.99	0.032	| O	0.21
1.833	1.02	0.99	0.032	| O	0.21
1.917	1.02	1.00	0.032	| O	0.21
2.000	1.14	1.01	0.033	| OI	0.22
2.083	1.08	1.03	0.033	| OI	0.22
2.167	1.14	1.05	0.034	| OI	0.22
2.250	1.19	1.07	0.034	| O	0.23
2.333	1.19	1.09	0.035	| O	0.23
2.417	1.19	1.11	0.036	| O	0.24
2.500	1.19	1.13	0.036	| O	0.24
2.583	1.19	1.14	0.037	| O	0.24
2.667	1.19	1.15	0.037	| O	0.25
2.750	1.30	1.17	0.038	| O	0.25
2.833	1.35	1.20	0.039	| OI	0.26
2.917	1.35	1.23	0.040	| OI	0.26
3.000	1.35	1.25	0.040	| OI	0.27
3.083	1.35	1.27	0.041	| OI	0.27
3.167	1.46	1.30	0.042	| OI	0.28
3.250	1.52	1.33	0.043	| O	0.29
3.333	1.52	1.37	0.044	| O	0.29
3.417	1.63	1.41	0.045	| OI	0.30
3.500	1.79	1.47	0.047	| OI	0.31
3.583	1.96	1.55	0.050	| O I	0.33
3.667	2.01	1.63	0.053	| OI	0.35
3.750	2.12	1.71	0.055	| O I	0.37
3.833	2.17	1.80	0.058	| O I	0.38
3.917	2.29	1.88	0.061	| OI	0.40
4.000	2.34	1.96	0.063	| OI	0.42
4.083	2.45	2.05	0.066	| O|I	0.44
4.167	2.61	2.14	0.069	| OI	0.46
4.250	2.78	2.25	0.073	| O I	0.48
4.333	2.94	2.37	0.076	| O I	0.51
4.417	3.11	2.49	0.080	| |O I	0.53
4.500	3.16	2.62	0.084	| |O I	0.56
4.583	3.27	2.73	0.088	| | O I	0.58
4.667	3.44	2.85	0.092	| | O I	0.61

```
4.750    3.60    2.98      0.096  |        |  O I  |        |        |      0.64
4.833    3.65    3.10      0.100  |        |  O I  |        |        |      0.66
4.917    3.76    3.22      0.104  |        |   O I |        |        |      0.69
5.000    3.93    3.34      0.108  |        |   O I |        |        |      0.71
5.083    4.54    3.51      0.113  |        |    O  |I       |        |      0.75
5.167    5.36    3.79      0.122  |        |     O |   I    |        |      0.81
5.250    5.96    4.15      0.134  |        |      O|     I  |        |      0.89
5.333    6.45    4.55      0.147  |        |       |O      I|        |      0.97
5.417    7.17    4.73      0.162  |        |       |O      |  I     |      1.06
5.500    8.44    4.83      0.183  |        |       | O     |       I|      1.18
5.583    4.75    4.89      0.194  |        |       | O     |        |      1.25
5.667    1.71    4.83      0.183  |     I  |       | O     |        |      1.18
5.750    0.87    4.72      0.159  |  I     |       |O      |        |      1.05
5.833    0.65    4.15      0.134  | I      |      O|       |        |      0.89
5.917    0.44    3.46      0.112  |I       |    O  |       |        |      0.74
6.000    0.28    2.86      0.092  |I       | O     |       |        |      0.61
6.083    0.08    2.34      0.076  I       O       |       |        |      0.50
6.167    0.00    1.90      0.061  I      O|       |       |        |      0.41
6.250    0.00    1.53      0.049  I    O  |       |       |        |      0.33
6.333    0.00    1.24      0.040  I   O   |       |       |        |      0.26
6.417    0.00    1.00      0.032  I  O    |       |       |        |      0.21
6.500    0.00    0.81      0.026  I  O    |       |       |        |      0.17
6.583    0.00    0.65      0.021  I O     |       |       |        |      0.14
6.667    0.00    0.52      0.017  IO      |       |       |        |      0.11
6.750    0.00    0.42      0.014  IO      |       |       |        |      0.09
6.833    0.00    0.34      0.011  IO      |       |       |        |      0.07
6.917    0.00    0.28      0.009  IO      |       |       |        |      0.06
7.000    0.00    0.22      0.007  O       |       |       |        |      0.05
7.083    0.00    0.18      0.006  O       |       |       |        |      0.04
7.167    0.00    0.15      0.005  O       |       |       |        |      0.03
7.250    0.00    0.12      0.004  O       |       |       |        |      0.03
7.333    0.00    0.09      0.003  O       |       |       |        |      0.02
7.417    0.00    0.08      0.002  O       |       |       |        |      0.02
7.500    0.00    0.06      0.002  O       |       |       |        |      0.01
7.583    0.00    0.05      0.002  O       |       |       |        |      0.01
7.667    0.00    0.04      0.001  O       |       |       |        |      0.01
7.750    0.00    0.03      0.001  O       |       |       |        |      0.01
7.833    0.00    0.03      0.001  O       |       |       |        |      0.01
7.917    0.00    0.02      0.001  O       |       |       |        |      0.00
8.000    0.00    0.02      0.001  O       |       |       |        |      0.00
8.083    0.00    0.01      0.000  O       |       |       |        |      0.00
8.167    0.00    0.01      0.000  O       |       |       |        |      0.00
8.250    0.00    0.01      0.000  O       |       |       |        |      0.00
8.333    0.00    0.01      0.000  O       |       |       |        |      0.00
8.417    0.00    0.01      0.000  O       |       |       |        |      0.00
8.500    0.00    0.00      0.000  O       |       |       |        |      0.00
8.583    0.00    0.00      0.000  O       |       |       |        |      0.00

    ****************************HYDROGRAPH DATA****************************
                Number of intervals =   103
                Time interval =    5.0 (Min.)
                Maximum/Peak flow rate =        4.885 (CFS)
                Total volume =       0.992 (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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                  FLOOD HYDROGRAPH ROUTING PROGRAM
            Copyright (c) CIVILCADD/CIVILDESIGN, 1989 - 2005
                        Study date: 09/16/22

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Tract 38163 - Keller Crossing
Detention Basin Routing Area G
Inflow Hydrograph 100-year 24-hour storm


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Program License Serial Number 4029

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

             From study/file name: kchydg124100.rte
*****************************HYDROGRAPH DATA*****************************
             Number of intervals =   289
             Time interval =    5.0 (Min.)
             Maximum/Peak flow rate =        2.828 (CFS)
             Total volume =       1.543 (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
**** RETARDING BASIN ROUTING ****
________________________________________________________________________

User entry of depth-outflow-storage data
------------------------------------------------------------------------
Total number of inflow hydrograph intervals = 289
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  Storage    Outflow   (S-O*dt/2)    (S+O*dt/2)
     (Ft.)    (Ac.Ft)    (CFS)     (Ac.Ft)     (Ac.Ft)
------------------------------------------------------------------------
   0.000      0.000      0.000      0.000        0.000
   1.000      0.151      4.680      0.135        0.167
   2.000      0.327      5.510      0.308        0.346
   3.000      0.528      6.230      0.507        0.549
```

4.000	0.755	37.240	0.627	0.883
5.000	1.010	93.440	0.688	1.332

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	1.41	2.12	2.83	Depth (Ft.)
0.083	0.09	0.01	0.000	OI	|	|	|	|	0.00
0.167	0.13	0.03	0.001	OI	|	|	|	|	0.01
0.250	0.13	0.05	0.002	OI	|	|	|	|	0.01
0.333	0.18	0.07	0.002	O I	|	|	|	|	0.01
0.417	0.20	0.09	0.003	|OI	|	|	|	|	0.02
0.500	0.20	0.11	0.004	|OI	|	|	|	|	0.02
0.583	0.20	0.13	0.004	|OI	|	|	|	|	0.03
0.667	0.20	0.14	0.005	|OI	|	|	|	|	0.03
0.750	0.20	0.16	0.005	|OI	|	|	|	|	0.03
0.833	0.25	0.17	0.005	|OI	|	|	|	|	0.04
0.917	0.27	0.19	0.006	| OI	|	|	|	|	0.04
1.000	0.27	0.20	0.006	| OI	|	|	|	|	0.04
1.083	0.22	0.21	0.007	| O	|	|	|	|	0.04
1.167	0.20	0.21	0.007	| O	|	|	|	|	0.04
1.250	0.20	0.21	0.007	| O	|	|	|	|	0.04
1.333	0.20	0.21	0.007	| O	|	|	|	|	0.04
1.417	0.20	0.21	0.007	| O	|	|	|	|	0.04
1.500	0.20	0.20	0.007	| O	|	|	|	|	0.04
1.583	0.20	0.20	0.007	| O	|	|	|	|	0.04
1.667	0.20	0.20	0.007	| O	|	|	|	|	0.04
1.750	0.20	0.20	0.007	| O	|	|	|	|	0.04
1.833	0.25	0.21	0.007	| O	|	|	|	|	0.04
1.917	0.27	0.22	0.007	| OI	|	|	|	|	0.05
2.000	0.27	0.23	0.007	| OI	|	|	|	|	0.05
2.083	0.27	0.23	0.008	| OI	|	|	|	|	0.05
2.167	0.27	0.24	0.008	| OI	|	|	|	|	0.05
2.250	0.27	0.25	0.008	| OI	|	|	|	|	0.05
2.333	0.27	0.25	0.008	| OI	|	|	|	|	0.05
2.417	0.27	0.25	0.008	| OI	|	|	|	|	0.05
2.500	0.27	0.26	0.008	| OI	|	|	|	|	0.05
2.583	0.31	0.26	0.008	| OI	|	|	|	|	0.06
2.667	0.33	0.27	0.009	| O	|	|	|	|	0.06
2.750	0.33	0.29	0.009	| O	|	|	|	|	0.06
2.833	0.33	0.30	0.010	| O	|	|	|	|	0.06
2.917	0.33	0.30	0.010	| O	|	|	|	|	0.06
3.000	0.33	0.31	0.010	| O	|	|	|	|	0.07
3.083	0.33	0.31	0.010	| O	|	|	|	|	0.07
3.167	0.33	0.32	0.010	| O	|	|	|	|	0.07
3.250	0.33	0.32	0.010	| O	|	|	|	|	0.07
3.333	0.33	0.32	0.010	| O	|	|	|	|	0.07
3.417	0.33	0.33	0.011	| O	|	|	|	|	0.07
3.500	0.33	0.33	0.011	| O	|	|	|	|	0.07
3.583	0.33	0.33	0.011	| O	|	|	|	|	0.07
3.667	0.33	0.33	0.011	| O	|	|	|	|	0.07
3.750	0.33	0.33	0.011	| O	|	|	|	|	0.07
3.833	0.38	0.34	0.011	| OI	|	|	|	|	0.07
3.917	0.40	0.35	0.011	| OI	|	|	|	|	0.07
4.000	0.40	0.36	0.012	| O	|	|	|	|	0.08
4.083	0.40	0.37	0.012	| O	|	|	|	|	0.08
4.167	0.40	0.37	0.012	| O	|	|	|	|	0.08
4.250	0.40	0.38	0.012	| O	|	|	|	|	0.08
4.333	0.45	0.39	0.012	| OI	|	|	|	|	0.08
4.417	0.47	0.40	0.013	| OI	|	|	|	|	0.09

4.500	0.47	0.41	0.013	OI				0.09
4.583	0.47	0.42	0.014	OI				0.09
4.667	0.47	0.43	0.014	OI				0.09
4.750	0.47	0.44	0.014	OI				0.09
4.833	0.51	0.45	0.015	O				0.10
4.917	0.54	0.46	0.015	OI				0.10
5.000	0.54	0.48	0.015	OI				0.10
5.083	0.44	0.48	0.016	O				0.10
5.167	0.40	0.47	0.015	IO				0.10
5.250	0.40	0.46	0.015	IO				0.10
5.333	0.45	0.45	0.015	O				0.10
5.417	0.47	0.45	0.015	O				0.10
5.500	0.47	0.46	0.015	O				0.10
5.583	0.51	0.46	0.015	O				0.10
5.667	0.54	0.47	0.015	OI				0.10
5.750	0.54	0.49	0.016	OI				0.10
5.833	0.54	0.50	0.016	OI				0.11
5.917	0.54	0.50	0.016	OI				0.11
6.000	0.54	0.51	0.016	OI				0.11
6.083	0.58	0.52	0.017	OI				0.11
6.167	0.60	0.53	0.017	O				0.11
6.250	0.60	0.55	0.018	O				0.12
6.333	0.60	0.56	0.018	O				0.12
6.417	0.60	0.57	0.018	O				0.12
6.500	0.60	0.57	0.018	O				0.12
6.583	0.65	0.58	0.019	OI				0.12
6.667	0.67	0.60	0.019	OI				0.13
6.750	0.67	0.61	0.020	OI				0.13
6.833	0.67	0.62	0.020	O				0.13
6.917	0.67	0.63	0.020	O				0.14
7.000	0.67	0.64	0.021	O				0.14
7.083	0.67	0.65	0.021	O				0.14
7.167	0.67	0.65	0.021	O				0.14
7.250	0.67	0.65	0.021	O				0.14
7.333	0.72	0.66	0.021	OI				0.14
7.417	0.74	0.67	0.022	OI				0.14
7.500	0.74	0.69	0.022	OI				0.15
7.583	0.78	0.70	0.023	OI				0.15
7.667	0.80	0.72	0.023	OI				0.15
7.750	0.80	0.73	0.024	OI				0.16
7.833	0.85	0.75	0.024	OI				0.16
7.917	0.87	0.77	0.025	OI				0.17
8.000	0.87	0.79	0.026	OI				0.17
8.083	0.97	0.82	0.026	OI				0.17
8.167	1.02	0.85	0.027	O I				0.18
8.250	1.02	0.88	0.028	O I				0.19
8.333	1.02	0.91	0.029	OI				0.19
8.417	1.02	0.93	0.030	OI				0.20
8.500	1.02	0.95	0.031	OI				0.20
8.583	1.09	0.97	0.031	O I				0.21
8.667	1.12	0.99	0.032	OI				0.21
8.750	1.12	1.02	0.033	OI				0.22
8.833	1.18	1.04	0.034	O I				0.22
8.917	1.21	1.07	0.035	OI				0.23
9.000	1.21	1.10	0.035	OI				0.24
9.083	1.34	1.13	0.037	O I				0.24
9.167	1.40	1.18	0.038	O I				0.25
9.250	1.40	1.22	0.039	O I				0.26
9.333	1.46	1.26	0.041	O I				0.27
9.417	1.49	1.30	0.042	O I				0.28
9.500	1.49	1.34	0.043	OI				0.29
9.583	1.56	1.38	0.044	O I				0.29
9.667	1.59	1.41	0.046	O I				0.30

9.750	1.59	1.45	0.047	|	|	OI |	|	0.31
9.833	1.65	1.48	0.048	|	|	O I |	|	0.32
9.917	1.68	1.52	0.049	|	|	|O I |	|	0.32
10.000	1.68	1.55	0.050	|	|	|O I |	|	0.33
10.083	1.25	1.53	0.049	|	|	I |O |	|	0.33
10.167	1.05	1.46	0.047	|	| I	O |	|	0.31
10.250	1.06	1.38	0.045	|	| I	O| |	|	0.30
10.333	1.06	1.32	0.043	|	| I	O | |	|	0.28
10.417	1.06	1.27	0.041	|	| I	O | |	|	0.27
10.500	1.06	1.23	0.040	|	| I	O | |	|	0.26
10.583	1.37	1.23	0.040	|	|	O I| |	|	0.26
10.667	1.51	1.27	0.041	|	|	O |I |	|	0.27
10.750	1.52	1.32	0.042	|	|	O |I |	|	0.28
10.833	1.52	1.35	0.044	|	|	O|I |	|	0.29
10.917	1.52	1.39	0.045	|	|	O|I |	|	0.30
11.000	1.52	1.41	0.046	|	|	O|I |	|	0.30
11.083	1.46	1.43	0.046	|	|	O |	|	0.30
11.167	1.43	1.43	0.046	|	|	O |	|	0.31
11.250	1.43	1.43	0.046	|	|	O |	|	0.31
11.333	1.44	1.43	0.046	|	|	O |	|	0.31
11.417	1.44	1.43	0.046	|	|	O |	|	0.31
11.500	1.44	1.43	0.046	|	|	O |	|	0.31
11.583	1.32	1.42	0.046	|	|	I O |	|	0.30
11.667	1.26	1.40	0.045	|	|	IO| |	|	0.30
11.750	1.26	1.37	0.044	|	|	IO| |	|	0.29
11.833	1.33	1.36	0.044	|	|	IO| |	|	0.29
11.917	1.36	1.35	0.044	|	|	O| |	|	0.29
12.000	1.36	1.35	0.044	|	|	O| |	|	0.29
12.083	1.79	1.40	0.045	|	|	O| I |	|	0.30
12.167	1.99	1.49	0.048	|	|	O I |	|	0.32
12.250	1.99	1.59	0.051	|	|	|O I |	|	0.34
12.333	2.06	1.67	0.054	|	|	| O I| |	|	0.36
12.417	2.09	1.75	0.056	|	|	| O I| |	|	0.37
12.500	2.09	1.81	0.059	|	|	| O I| |	|	0.39
12.583	2.21	1.88	0.061	|	|	| O |I |	|	0.40
12.667	2.27	1.95	0.063	|	|	| O |I |	|	0.42
12.750	2.27	2.01	0.065	|	|	| O |I |	|	0.43
12.833	2.34	2.07	0.067	|	|	| O| I |	|	0.44
12.917	2.37	2.12	0.069	|	|	| O I |	|	0.45
13.000	2.37	2.17	0.070	|	|	| O I |	|	0.46
13.083	2.68	2.24	0.072	|	|	| |O I |	|	0.48
13.167	2.82	2.34	0.075	|	|	| | O I| |	|	0.50
13.250	2.82	2.43	0.078	|	|	| | O I| |	|	0.52
13.333	2.83	2.51	0.081	|	|	| | O I| |	|	0.54
13.417	2.83	2.57	0.083	|	|	| | O I| |	|	0.55
13.500	2.83	2.62	0.084	|	|	| | O I |	|	0.56
13.583	2.15	2.59	0.084	|	|	| I O |	|	0.55
13.667	1.84	2.48	0.080	|	|	| I | O |	|	0.53
13.750	1.84	2.35	0.076	|	|	| I | O |	|	0.50
13.833	1.84	2.25	0.073	|	|	| I |O |	|	0.48
13.917	1.84	2.17	0.070	|	|	| I O |	|	0.46
14.000	1.84	2.11	0.068	|	|	| I O| |	|	0.45
14.083	2.09	2.08	0.067	|	|	| O| |	|	0.44
14.167	2.20	2.09	0.068	|	|	| OI |	|	0.45
14.250	2.21	2.12	0.068	|	|	| OI |	|	0.45
14.333	2.15	2.13	0.069	|	|	| O |	|	0.45
14.417	2.12	2.13	0.069	|	|	| IO |	|	0.45
14.500	2.12	2.13	0.069	|	|	| IO |	|	0.45
14.583	2.12	2.12	0.069	|	|	| IO |	|	0.45
14.667	2.12	2.12	0.069	|	|	| O |	|	0.45
14.750	2.12	2.12	0.069	|	|	| O |	|	0.45
14.833	2.06	2.12	0.068	|	|	| O| |	|	0.45
14.917	2.03	2.10	0.068	|	|	| O| |	|	0.45

15.000	2.04	2.09	0.067	|	|	| O|	|	0.45
15.083	1.97	2.07	0.067	|	|	| IO|	|	0.44
15.167	1.95	2.05	0.066	|	|	| IO|	|	0.44
15.250	1.95	2.03	0.066	|	|	| O |	|	0.43
15.333	1.89	2.01	0.065	|	|	| IO |	|	0.43
15.417	1.86	1.98	0.064	|	|	| IO |	|	0.42
15.500	1.86	1.96	0.063	|	|	| IO |	|	0.42
15.583	1.61	1.92	0.062	|	|	| I O |	|	0.41
15.667	1.50	1.85	0.060	|	|	I O |	|	0.39
15.750	1.50	1.78	0.057	|	|	|I O |	|	0.38
15.833	1.50	1.73	0.056	|	|	|I O |	|	0.37
15.917	1.50	1.68	0.054	|	|	|I O |	|	0.36
16.000	1.51	1.65	0.053	|	|	|IO |	|	0.35
16.083	0.66	1.54	0.050	|	I|	|O |	|	0.33
16.167	0.27	1.33	0.043	| I	|	O|	|	0.28
16.250	0.27	1.13	0.036	| I	| O	|	|	0.24
16.333	0.27	0.96	0.031	| I	| O	|	|	0.21
16.417	0.27	0.83	0.027	| I	|O	|	|	0.18
16.500	0.27	0.72	0.023	| I	O |	|	|	0.15
16.583	0.22	0.63	0.020	| I	O|	|	|	0.13
16.667	0.20	0.55	0.018	| I	O |	|	|	0.12
16.750	0.20	0.48	0.016	| I O |	|	|	|	0.10
16.833	0.20	0.43	0.014	| I O |	|	|	|	0.09
16.917	0.20	0.38	0.012	| I O |	|	|	|	0.08
17.000	0.20	0.35	0.011	| IO |	|	|	|	0.07
17.083	0.29	0.33	0.011	| O |	|	|	|	0.07
17.167	0.33	0.33	0.011	| O |	|	|	|	0.07
17.250	0.33	0.33	0.011	| O |	|	|	|	0.07
17.333	0.33	0.33	0.011	| O |	|	|	|	0.07
17.417	0.33	0.33	0.011	| O |	|	|	|	0.07
17.500	0.33	0.33	0.011	| O |	|	|	|	0.07
17.583	0.33	0.33	0.011	| O |	|	|	|	0.07
17.667	0.33	0.33	0.011	| O |	|	|	|	0.07
17.750	0.33	0.33	0.011	| O |	|	|	|	0.07
17.833	0.29	0.33	0.011	| O |	|	|	|	0.07
17.917	0.27	0.32	0.010	| O |	|	|	|	0.07
18.000	0.27	0.31	0.010	| O |	|	|	|	0.07
18.083	0.27	0.30	0.010	| O |	|	|	|	0.06
18.167	0.27	0.29	0.010	| O |	|	|	|	0.06
18.250	0.27	0.29	0.009	| O |	|	|	|	0.06
18.333	0.27	0.29	0.009	| O |	|	|	|	0.06
18.417	0.27	0.28	0.009	| O |	|	|	|	0.06
18.500	0.27	0.28	0.009	| O |	|	|	|	0.06
18.583	0.22	0.27	0.009	| IO |	|	|	|	0.06
18.667	0.20	0.26	0.008	| O |	|	|	|	0.06
18.750	0.20	0.25	0.008	| O |	|	|	|	0.05
18.833	0.16	0.24	0.008	|IO |	|	|	|	0.05
18.917	0.13	0.22	0.007	|IO |	|	|	|	0.05
19.000	0.13	0.20	0.007	|IO |	|	|	|	0.04
19.083	0.18	0.19	0.006	| O |	|	|	|	0.04
19.167	0.20	0.19	0.006	| O |	|	|	|	0.04
19.250	0.20	0.19	0.006	| O |	|	|	|	0.04
19.333	0.25	0.20	0.006	| O |	|	|	|	0.04
19.417	0.27	0.21	0.007	| OI |	|	|	|	0.05
19.500	0.27	0.22	0.007	| OI |	|	|	|	0.05
19.583	0.22	0.23	0.007	| O |	|	|	|	0.05
19.667	0.20	0.22	0.007	| O |	|	|	|	0.05
19.750	0.20	0.22	0.007	| O |	|	|	|	0.05
19.833	0.16	0.21	0.007	|IO |	|	|	|	0.05
19.917	0.13	0.20	0.006	|IO |	|	|	|	0.04
20.000	0.13	0.19	0.006	|IO |	|	|	|	0.04
20.083	0.18	0.18	0.006	| O |	|	|	|	0.04
20.167	0.20	0.18	0.006	| O |	|	|	|	0.04

20.250	0.20	0.19	0.006	| O	|	|	|	0.04
20.333	0.20	0.19	0.006	| O	|	|	|	0.04
20.417	0.20	0.19	0.006	| O	|	|	|	0.04
20.500	0.20	0.19	0.006	| O	|	|	|	0.04
20.583	0.20	0.19	0.006	| O	|	|	|	0.04
20.667	0.20	0.20	0.006	| O	|	|	|	0.04
20.750	0.20	0.20	0.006	| O	|	|	|	0.04
20.833	0.16	0.19	0.006	|IO	|	|	|	0.04
20.917	0.13	0.18	0.006	|IO	|	|	|	0.04
21.000	0.13	0.17	0.006	|O	|	|	|	0.04
21.083	0.18	0.17	0.006	|OI	|	|	|	0.04
21.167	0.20	0.17	0.006	|OI	|	|	|	0.04
21.250	0.20	0.18	0.006	| O	|	|	|	0.04
21.333	0.16	0.18	0.006	|IO	|	|	|	0.04
21.417	0.13	0.17	0.006	|O	|	|	|	0.04
21.500	0.13	0.17	0.005	|O	|	|	|	0.04
21.583	0.18	0.16	0.005	|OI	|	|	|	0.03
21.667	0.20	0.17	0.005	|OI	|	|	|	0.04
21.750	0.20	0.17	0.006	|OI	|	|	|	0.04
21.833	0.16	0.18	0.006	|O	|	|	|	0.04
21.917	0.13	0.17	0.005	|O	|	|	|	0.04
22.000	0.13	0.16	0.005	|O	|	|	|	0.03
22.083	0.18	0.16	0.005	|OI	|	|	|	0.03
22.167	0.20	0.17	0.005	|OI	|	|	|	0.04
22.250	0.20	0.17	0.006	|OI	|	|	|	0.04
22.333	0.16	0.17	0.006	|O	|	|	|	0.04
22.417	0.13	0.17	0.005	|O	|	|	|	0.04
22.500	0.13	0.16	0.005	|O	|	|	|	0.03
22.583	0.13	0.16	0.005	|O	|	|	|	0.03
22.667	0.13	0.15	0.005	|O	|	|	|	0.03
22.750	0.13	0.15	0.005	|O	|	|	|	0.03
22.833	0.13	0.15	0.005	|O	|	|	|	0.03
22.917	0.13	0.14	0.005	|O	|	|	|	0.03
23.000	0.13	0.14	0.005	|O	|	|	|	0.03
23.083	0.13	0.14	0.005	|O	|	|	|	0.03
23.167	0.13	0.14	0.004	|O	|	|	|	0.03
23.250	0.13	0.14	0.004	|O	|	|	|	0.03
23.333	0.13	0.14	0.004	|O	|	|	|	0.03
23.417	0.13	0.14	0.004	|O	|	|	|	0.03
23.500	0.13	0.14	0.004	|O	|	|	|	0.03
23.583	0.13	0.14	0.004	|O	|	|	|	0.03
23.667	0.13	0.14	0.004	|O	|	|	|	0.03
23.750	0.13	0.14	0.004	|O	|	|	|	0.03
23.833	0.13	0.13	0.004	|O	|	|	|	0.03
23.917	0.13	0.13	0.004	|O	|	|	|	0.03
24.000	0.13	0.13	0.004	|O	|	|	|	0.03
24.083	0.04	0.13	0.004	IO	|	|	|	0.03
24.167	0.00	0.11	0.003	IO	|	|	|	0.02
24.250	0.00	0.09	0.003	O	|	|	|	0.02
24.333	0.00	0.07	0.002	O	|	|	|	0.01
24.417	0.00	0.06	0.002	O	|	|	|	0.01
24.500	0.00	0.04	0.001	O	|	|	|	0.01
24.583	0.00	0.04	0.001	O	|	|	|	0.01
24.667	0.00	0.03	0.001	O	|	|	|	0.01
24.750	0.00	0.02	0.001	O	|	|	|	0.01
24.833	0.00	0.02	0.001	O	|	|	|	0.00
24.917	0.00	0.02	0.000	O	|	|	|	0.00
25.000	0.00	0.01	0.000	O	|	|	|	0.00
25.083	0.00	0.01	0.000	O	|	|	|	0.00
25.167	0.00	0.01	0.000	O	|	|	|	0.00
25.250	0.00	0.01	0.000	O	|	|	|	0.00
25.333	0.00	0.01	0.000	O	|	|	|	0.00
25.417	0.00	0.00	0.000	O	|	|	|	0.00

```
****************************HYDROGRAPH DATA****************************
             Number of intervals =   305
             Time interval =    5.0 (Min.)
             Maximum/Peak flow rate =        2.618 (CFS)
             Total volume =       1.543 (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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ATTACHMENT J:

DEVELOPED CONDITION - RATIONAL METHOD HYDROLOGY

100-YEAR 1- AND 6-HOUR STORM WITH DETENTION BASIN OUTFLOWS

Rational Methods Hydrology
Proposed Conditions
Confluence with Detention Basins Outflows
100-year 1- and 6-hour storms

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                Riverside County Rational Hydrology Program

CIVILCADD/CIVILDESIGN Engineering Software,(c) 1989 - 2005 Version 7.1
      Rational Hydrology Study        Date: 04/30/24
File:907q100c1.out
--------------------------------------------------------------------------

Keller Crossing - Tract 38163
Hydrology Proposed Condition
Confluence with Detention Basin Outflows
100-year 1-hour storm


--------------------------------------------------------------------------
 *********   Hydrology Study Control Information **********

 English (in-lb) Units used in input data file

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


Program License Serial Number 4029

--------------------------------------------------------------------------
Rational Method Hydrology Program based on
Riverside County Flood Control & Water Conservation District
1978 hydrology manual

Storm event (year) =  100.00 Antecedent Moisture Condition = 3

2 year, 1 hour precipitation =  0.500(In.)
100 year, 1 hour precipitation =  1.200(In.)

Storm event year = 100.0
Calculated rainfall intensity data:
1 hour intensity =  1.200(In/Hr)
Slope of intensity duration curve = 0.5500




++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      313.000 to Point/Station      313.000
**** USER DEFINED FLOW INFORMATION AT A POINT ****
____________________________________________________________________________
Rainfall intensity =      0.991(In/Hr) for a   100.0 year storm
UNDEVELOPED (poor cover) subarea
Runoff Coefficient = 0.840
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 0.500
Decimal fraction soil group D = 0.500
RI index for soil(AMC 3)  =  95.00
Pervious area fraction =  1.000; Impervious fraction =  0.000
User specified values are as follows:
TC =  85.00 min.  Rain intensity =       0.99(In/Hr)
Total area =       209.10(Ac.)  Total runoff =     62.55(CFS)
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Process from Point/Station      313.000 to Point/Station      314.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
______________________________________________________________________________
Upstream point/station elevation =  1443.000(Ft.)
Downstream point/station elevation =  1433.000(Ft.)
Pipe length  =   210.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =    62.551(CFS)
Nearest computed pipe diameter  =     27.00(In.)
Calculated individual pipe flow  =    62.551(CFS)
Normal flow depth in pipe =   20.53(In.)
Flow top width inside pipe =   23.05(In.)
Critical depth could not be calculated.
Pipe flow velocity =     19.30(Ft/s)
Travel time through pipe =    0.18 min.
Time of concentration (TC) =    85.18 min.


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Process from Point/Station      313.000 to Point/Station      314.000
**** SUBAREA FLOW ADDITION ****
______________________________________________________________________________
UNDEVELOPED (poor cover) subarea
Runoff Coefficient = 0.833
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
RI index for soil(AMC 3)  =  94.40
Pervious area fraction =  1.000; Impervious fraction =  0.000
Time of concentration =    85.18 min.
Rainfall intensity =      0.990(In/Hr) for a   100.0 year storm
Subarea runoff =      0.742(CFS) for      0.900(Ac.)
Total runoff =     63.293(CFS)   Total area =     210.000(Ac.)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      314.000 to Point/Station      315.000
**** NATURAL CHANNEL TIME + SUBAREA FLOW ADDITION ****
______________________________________________________________________________
Top of natural channel elevation =   1433.000(Ft.)
End of natural channel elevation =   1420.000(Ft.)
Length of natural channel  =  1032.000(Ft.)
Estimated mean flow rate at midpoint of channel =     63.896(CFS)

Natural valley channel type used
L.A. County flood control district formula for channel velocity:
 Velocity(ft/s) = (7 + 8(q(English Units)^.352)(slope^0.5)
Velocity using mean channel flow =   4.66(Ft/s)

Correction to map slope used on extremely rugged channels with
drops and waterfalls (Plate D-6.2)
      Normal channel slope =  0.0126
Corrected/adjusted channel slope =  0.0126
Travel time =    3.69 min.     TC =   88.87  min.


 Adding area flow to channel
UNDEVELOPED (poor cover) subarea
Runoff Coefficient = 0.832
Decimal fraction soil group A = 0.000
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Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
RI index for soil(AMC 3)  =  94.40
Pervious area fraction =  1.000; Impervious fraction =  0.000
Rainfall intensity =      0.967(In/Hr) for a   100.0 year storm
Subarea runoff =      3.217(CFS) for      4.000(Ac.)
Total runoff =     66.511(CFS)   Total area =     214.000(Ac.)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      314.000 to Point/Station      315.000
**** CONFLUENCE OF MINOR STREAMS ****
______________________________________________________________________________
Along Main Stream number: 1 in normal stream number 1
Stream flow area =    214.000(Ac.)
Runoff from this stream =     66.511(CFS)
Time of concentration =   88.87 min.
Rainfall intensity =     0.967(In/Hr)


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Process from Point/Station      328.000 to Point/Station      328.000
**** USER DEFINED FLOW INFORMATION AT A POINT ****
______________________________________________________________________________
Rainfall intensity =      1.024(In/Hr) for a   100.0 year storm
CONDOMINIUM subarea type
Runoff Coefficient = 0.846
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 0.500
Decimal fraction soil group D = 0.500
RI index for soil(AMC 3)  =  86.20
Pervious area fraction =  0.350; Impervious fraction =  0.650
User specified values are as follows:
TC =  80.00 min.  Rain intensity =       1.02(In/Hr)
Total area =        91.80(Ac.)  Total runoff =     17.64(CFS)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      328.000 to Point/Station      342.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
______________________________________________________________________________
Upstream point/station elevation =  1423.000(Ft.)
Downstream point/station elevation =  1422.400(Ft.)
Pipe length  =    73.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =    17.640(CFS)
Nearest computed pipe diameter  =     24.00(In.)
Calculated individual pipe flow  =    17.640(CFS)
Normal flow depth in pipe =   17.16(In.)
Flow top width inside pipe =   21.67(In.)
Critical Depth =   18.17(In.)
Pipe flow velocity =      7.34(Ft/s)
Travel time through pipe =    0.17 min.
Time of concentration (TC) =    80.17 min.


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Process from Point/Station      328.000 to Point/Station      342.000
**** SUBAREA FLOW ADDITION ****
______________________________________________________________________________
COMMERCIAL subarea type
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Runoff Coefficient = 0.883
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
RI index for soil(AMC 3)  =  84.40
Pervious area fraction =  0.100; Impervious fraction =  0.900
Time of concentration =    80.17 min.
Rainfall intensity =      1.023(In/Hr) for a   100.0 year storm
Subarea runoff =      1.896(CFS) for      2.100(Ac.)
Total runoff =     19.536(CFS)   Total area =      93.900(Ac.)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      342.000 to Point/Station      315.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
________________________________________________________________________
Upstream point/station elevation =  1422.400(Ft.)
Downstream point/station elevation =  1420.000(Ft.)
Pipe length  =   230.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =    19.536(CFS)
Nearest computed pipe diameter  =     24.00(In.)
Calculated individual pipe flow  =    19.536(CFS)
Normal flow depth in pipe =   16.92(In.)
Flow top width inside pipe =   21.89(In.)
Critical Depth =   19.07(In.)
Pipe flow velocity =      8.25(Ft/s)
Travel time through pipe =    0.46 min.
Time of concentration (TC) =    80.63 min.


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      342.000 to Point/Station      315.000
**** CONFLUENCE OF MINOR STREAMS ****
________________________________________________________________________
Along Main Stream number: 1 in normal stream number 2
Stream flow area =     93.900(Ac.)
Runoff from this stream =     19.536(CFS)
Time of concentration =   80.63 min.
Rainfall intensity =     1.020(In/Hr)
Summary of stream data:

Stream   Flow rate      TC            Rainfall Intensity
 No.       (CFS)       (min)                 (In/Hr)


1       66.511     88.87                0.967
2       19.536     80.63                1.020
Largest stream flow has longer time of concentration
Qp =     66.511 + sum of
         Qb         Ia/Ib
         19.536 *    0.948 =     18.519
Qp =     85.029

Total of 2 streams to confluence:
Flow rates before confluence point:
      66.511      19.536
Area of streams before confluence:
      214.000       93.900
Results of confluence:
Total flow rate =     85.029(CFS)
Time of concentration =    88.868 min.
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Effective stream area after confluence =    307.900(Ac.)


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Process from Point/Station      315.000 to Point/Station      343.000
**** NATURAL CHANNEL TIME + SUBAREA FLOW ADDITION ****
________________________________________________________________________
Top of natural channel elevation =   1420.000(Ft.)
End of natural channel elevation =   1409.000(Ft.)
Length of natural channel  =   605.000(Ft.)
Estimated mean flow rate at midpoint of channel =     85.789(CFS)

Natural valley channel type used
L.A. County flood control district formula for channel velocity:
 Velocity(ft/s) = (7 + 8(q(English Units)^.352)(slope^0.5)
Velocity using mean channel flow =   6.11(Ft/s)

Correction to map slope used on extremely rugged channels with
drops and waterfalls (Plate D-6.2)
       Normal channel slope =  0.0182
Corrected/adjusted channel slope =  0.0182
Travel time =    1.65 min.     TC =   90.52  min.


 Adding area flow to channel
UNDEVELOPED (poor cover) subarea
Runoff Coefficient = 0.831
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
RI index for soil(AMC 3)  =  94.40
Pervious area fraction =  1.000; Impervious fraction =  0.000
Rainfall intensity =      0.957(In/Hr) for a   100.0 year storm
Subarea runoff =      4.376(CFS) for      5.500(Ac.)
Total runoff =     89.405(CFS)   Total area =     313.400(Ac.)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      500.000 to Point/Station      501.000
**** INITIAL AREA EVALUATION ****
________________________________________________________________________
Initial area flow distance =   560.000(Ft.)
Top (of initial area) elevation =  1448.000(Ft.)
Bottom (of initial area) elevation =  1422.000(Ft.)
Difference in elevation =    26.000(Ft.)
Slope =    0.04643  s(percent)=       4.64
TC = k(0.300)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration =    6.967 min.
Rainfall intensity =      3.922(In/Hr) for a   100.0 year storm
COMMERCIAL subarea type
Runoff Coefficient = 0.895
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 0.600
Decimal fraction soil group D = 0.400
RI index for soil(AMC 3)  =  85.84
Pervious area fraction =  0.100; Impervious fraction =  0.900
Initial subarea runoff =      8.075(CFS)
Total initial stream area =        2.300(Ac.)
Pervious area fraction = 0.100
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Process from Point/Station      501.000 to Point/Station      501.000
**** CONFLUENCE OF MINOR STREAMS ****
______________________________________________________________________________
Along Main Stream number: 1 in normal stream number 1
Stream flow area =      2.300(Ac.)
Runoff from this stream =      8.075(CFS)
Time of concentration =    6.97 min.
Rainfall intensity =     3.922(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      502.000 to Point/Station      502.000
**** USER DEFINED FLOW INFORMATION AT A POINT ****
______________________________________________________________________________
Rainfall intensity =      1.200(In/Hr) for a   100.0 year storm
CONDOMINIUM subarea type
Runoff Coefficient = 0.852
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 0.500
Decimal fraction soil group D = 0.500
RI index for soil(AMC 3)  =  86.20
Pervious area fraction =  0.350; Impervious fraction =  0.650
User specified values are as follows:
TC =  60.00 min.  Rain intensity =       1.20(In/Hr)
Total area =        16.40(Ac.)  Total runoff =      9.70(CFS)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      502.000 to Point/Station      502.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
______________________________________________________________________________
Upstream point/station elevation =  1446.000(Ft.)
Downstream point/station elevation =  1422.000(Ft.)
Pipe length  =   480.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =     9.700(CFS)
Nearest computed pipe diameter  =     15.00(In.)
Calculated individual pipe flow  =     9.700(CFS)
Normal flow depth in pipe =    9.00(In.)
Flow top width inside pipe =   14.70(In.)
Critical Depth =   14.12(In.)
Pipe flow velocity =     12.62(Ft/s)
Travel time through pipe =    0.63 min.
Time of concentration (TC) =    60.63 min.


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      501.000 to Point/Station      501.000
**** CONFLUENCE OF MINOR STREAMS ****
______________________________________________________________________________
Along Main Stream number: 1 in normal stream number 2
Stream flow area =     16.400(Ac.)
Runoff from this stream =      9.700(CFS)
Time of concentration =   60.63 min.
Rainfall intensity =     1.193(In/Hr)
Summary of stream data:

Stream   Flow rate      TC            Rainfall Intensity
 No.       (CFS)       (min)                 (In/Hr)
```

```
1        8.075      6.97                 3.922
2        9.700     60.63                 1.193
Largest stream flow has longer time of concentration
Qp =      9.700 + sum of
         Qb          Ia/Ib
          8.075 *    0.304 =      2.457
Qp =     12.157

Total of 2 streams to confluence:
Flow rates before confluence point:
       8.075       9.700
Area of streams before confluence:
        2.300       16.400
Results of confluence:
Total flow rate =     12.157(CFS)
Time of concentration =    60.634 min.
Effective stream area after confluence =     18.700(Ac.)

-------------- Check of Previous Confluence Operations -------------
             Inside main stream number 1

ERROR in confluence calculations


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      605.000 to Point/Station      605.000
**** USER DEFINED FLOW INFORMATION AT A POINT ****
________________________________________________________________________
Rainfall intensity =      0.991(In/Hr) for a   100.0 year storm
SINGLE FAMILY (1 Acre Lot)
Runoff Coefficient = 0.772
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 0.500
Decimal fraction soil group D = 0.500
RI index for soil(AMC 3)  =  86.20
Pervious area fraction =  0.800; Impervious fraction =  0.200
User specified values are as follows:
TC =  85.00 min.  Rain intensity =       0.99(In/Hr)
Total area =        59.00(Ac.)  Total runoff =     12.80(CFS)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      605.000 to Point/Station      611.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
________________________________________________________________________
Upstream point/station elevation =  1434.000(Ft.)
Downstream point/station elevation =  1428.000(Ft.)
Pipe length  =   155.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =    12.798(CFS)
Nearest computed pipe diameter  =     18.00(In.)
Calculated individual pipe flow  =    12.798(CFS)
Normal flow depth in pipe =   10.25(In.)
Flow top width inside pipe =   17.82(In.)
Critical Depth =   16.13(In.)
Pipe flow velocity =     12.32(Ft/s)
Travel time through pipe =    0.21 min.
Time of concentration (TC) =    85.21 min.


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Process from Point/Station      605.000 to Point/Station      611.000
**** SUBAREA FLOW ADDITION ****
_____________________________________________________________________
COMMERCIAL subarea type
Runoff Coefficient = 0.882
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
RI index for soil(AMC 3)  =  84.40
Pervious area fraction =  0.100; Impervious fraction =  0.900
Time of concentration =    85.21 min.
Rainfall intensity =      0.989(In/Hr) for a   100.0 year storm
Subarea runoff =      1.484(CFS) for      1.700(Ac.)
Total runoff =     14.282(CFS)   Total area =      60.700(Ac.)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      701.000 to Point/Station      701.000
**** USER DEFINED FLOW INFORMATION AT A POINT ****
_____________________________________________________________________
Rainfall intensity =      1.200(In/Hr) for a   100.0 year storm
COMMERCIAL subarea type
Runoff Coefficient = 0.886
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 0.500
Decimal fraction soil group D = 0.500
RI index for soil(AMC 3)  =  86.20
Pervious area fraction =  0.100; Impervious fraction =  0.900
User specified values are as follows:
TC =  60.00 min.  Rain intensity =       1.20(In/Hr)
Total area =         5.50(Ac.)  Total runoff =      5.38(CFS)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      701.000 to Point/Station      702.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
_____________________________________________________________________
Upstream point/station elevation =  1456.000(Ft.)
Downstream point/station elevation =  1443.000(Ft.)
Pipe length  =   150.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =     5.380(CFS)
Nearest computed pipe diameter  =     12.00(In.)
Calculated individual pipe flow  =     5.380(CFS)
Normal flow depth in pipe =    6.09(In.)
Flow top width inside pipe =   12.00(In.)
Critical Depth =   11.21(In.)
Pipe flow velocity =     13.44(Ft/s)
Travel time through pipe =    0.19 min.
Time of concentration (TC) =    60.19 min.


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      702.000 to Point/Station      702.000
**** SUBAREA FLOW ADDITION ****
_____________________________________________________________________
COMMERCIAL subarea type
Runoff Coefficient = 0.885
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 1.000
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Decimal fraction soil group D = 0.000
RI index for soil(AMC 3)  =  84.40
Pervious area fraction =  0.100; Impervious fraction =  0.900
Time of concentration =    60.19 min.
Rainfall intensity =      1.198(In/Hr) for a   100.0 year storm
Subarea runoff =      1.802(CFS) for      1.700(Ac.)
Total runoff =      7.182(CFS)   Total area =       7.200(Ac.)
End of computations, total study area =          400.00 (Ac.)
The following figures may
be used for a unit hydrograph study of the same area.

Area averaged pervious area fraction(Ap) = 0.765
Area averaged RI index number =  80.4
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                Riverside County Rational Hydrology Program

CIVILCADD/CIVILDESIGN Engineering Software,(c) 1989 - 2005 Version 7.1
      Rational Hydrology Study        Date: 04/29/24
File:907q100c6.out
--------------------------------------------------------------------------

Keller Crossing - Tract 38163
Hydrology Proposed Condition
Confluence with Detention Basin Outflows
100-year 1-hour storm



--------------------------------------------------------------------------
 *********   Hydrology Study Control Information **********

 English (in-lb) Units used in input data file

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


Program License Serial Number 4029

--------------------------------------------------------------------------
Rational Method Hydrology Program based on
Riverside County Flood Control & Water Conservation District
1978 hydrology manual

Storm event (year) =  100.00 Antecedent Moisture Condition = 3

2 year, 1 hour precipitation =  0.500(In.)
100 year, 1 hour precipitation =  1.200(In.)

Storm event year = 100.0
Calculated rainfall intensity data:
1 hour intensity =  1.200(In/Hr)
Slope of intensity duration curve = 0.5500




++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      313.000 to Point/Station      313.000
**** USER DEFINED FLOW INFORMATION AT A POINT ****
____________________________________________________________________________
Rainfall intensity =      0.451(In/Hr) for a   100.0 year storm
UNDEVELOPED (poor cover) subarea
Runoff Coefficient = 0.779
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 0.500
Decimal fraction soil group D = 0.500
RI index for soil(AMC 3)  =  95.00
Pervious area fraction =  1.000; Impervious fraction =  0.000
User specified values are as follows:
TC = 355.00 min.  Rain intensity =       0.45(In/Hr)
Total area =       209.10(Ac.)  Total runoff =     66.98(CFS)
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++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      313.000 to Point/Station      314.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
______________________________________________________________________________
Upstream point/station elevation =  1443.000(Ft.)
Downstream point/station elevation =  1433.000(Ft.)
Pipe length  =   210.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =    66.981(CFS)
Nearest computed pipe diameter  =     27.00(In.)
Calculated individual pipe flow  =    66.981(CFS)
Normal flow depth in pipe =   21.94(In.)
Flow top width inside pipe =   21.08(In.)
Critical depth could not be calculated.
Pipe flow velocity =     19.38(Ft/s)
Travel time through pipe =    0.18 min.
Time of concentration (TC) =   355.18 min.


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      313.000 to Point/Station      314.000
**** SUBAREA FLOW ADDITION ****
______________________________________________________________________________
UNDEVELOPED (poor cover) subarea
Runoff Coefficient = 0.766
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
RI index for soil(AMC 3)  =  94.40
Pervious area fraction =  1.000; Impervious fraction =  0.000
Time of concentration =   355.18 min.
Rainfall intensity =      0.451(In/Hr) for a   100.0 year storm
Subarea runoff =      0.311(CFS) for      0.900(Ac.)
Total runoff =     67.292(CFS)   Total area =     210.000(Ac.)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      314.000 to Point/Station      315.000
**** NATURAL CHANNEL TIME + SUBAREA FLOW ADDITION ****
______________________________________________________________________________
Top of natural channel elevation =   1433.000(Ft.)
End of natural channel elevation =   1420.000(Ft.)
Length of natural channel  =  1032.000(Ft.)
Estimated mean flow rate at midpoint of channel =     67.933(CFS)

Natural valley channel type used
L.A. County flood control district formula for channel velocity:
 Velocity(ft/s) = (7 + 8(q(English Units)^.352)(slope^0.5)
Velocity using mean channel flow =   4.75(Ft/s)

Correction to map slope used on extremely rugged channels with
drops and waterfalls (Plate D-6.2)
       Normal channel slope =  0.0126
Corrected/adjusted channel slope =  0.0126
Travel time =    3.62 min.     TC =  358.80  min.


 Adding area flow to channel
UNDEVELOPED (poor cover) subarea
Runoff Coefficient = 0.765
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
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Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
RI index for soil(AMC 3)  =  94.40
Pervious area fraction =  1.000; Impervious fraction =  0.000
Rainfall intensity =      0.449(In/Hr) for a   100.0 year storm
Subarea runoff =      1.373(CFS) for      4.000(Ac.)
Total runoff =     68.665(CFS)    Total area =     214.000(Ac.)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      314.000 to Point/Station      315.000
**** CONFLUENCE OF MINOR STREAMS ****
______________________________________________________________________________
Along Main Stream number: 1 in normal stream number 1
Stream flow area =    214.000(Ac.)
Runoff from this stream =     68.665(CFS)
Time of concentration =  358.80 min.
Rainfall intensity =     0.449(In/Hr)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      328.000 to Point/Station      328.000
**** USER DEFINED FLOW INFORMATION AT A POINT ****
______________________________________________________________________________
Rainfall intensity =      0.462(In/Hr) for a   100.0 year storm
CONDOMINIUM subarea type
Runoff Coefficient = 0.800
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 0.500
Decimal fraction soil group D = 0.500
RI index for soil(AMC 3)  =  86.20
Pervious area fraction =  0.350; Impervious fraction =  0.650
User specified values are as follows:
TC = 340.00 min.  Rain intensity =       0.46(In/Hr)
Total area =        91.80(Ac.)  Total runoff =     70.12(CFS)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      328.000 to Point/Station      342.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
______________________________________________________________________________
Upstream point/station elevation =  1423.000(Ft.)
Downstream point/station elevation =  1422.400(Ft.)
Pipe length  =    73.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =    70.119(CFS)
Nearest computed pipe diameter  =     39.00(In.)
Calculated individual pipe flow  =    70.119(CFS)
Normal flow depth in pipe =   29.95(In.)
Flow top width inside pipe =   32.92(In.)
Critical Depth =   31.90(In.)
Pipe flow velocity =     10.26(Ft/s)
Travel time through pipe =    0.12 min.
Time of concentration (TC) =   340.12 min.


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      328.000 to Point/Station      342.000
**** SUBAREA FLOW ADDITION ****
______________________________________________________________________________
COMMERCIAL subarea type
Runoff Coefficient = 0.869
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Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
RI index for soil(AMC 3)  =  84.40
Pervious area fraction =  0.100; Impervious fraction =  0.900
Time of concentration =   340.12 min.
Rainfall intensity =      0.462(In/Hr) for a   100.0 year storm
Subarea runoff =      0.843(CFS) for      2.100(Ac.)
Total runoff =     70.962(CFS)   Total area =      93.900(Ac.)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      342.000 to Point/Station      315.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
________________________________________________________________________
Upstream point/station elevation =  1422.400(Ft.)
Downstream point/station elevation =  1420.000(Ft.)
Pipe length  =   230.00(Ft.)   Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =    70.962(CFS)
Nearest computed pipe diameter  =     36.00(In.)
Calculated individual pipe flow  =    70.962(CFS)
Normal flow depth in pipe =   31.03(In.)
Flow top width inside pipe =   24.83(In.)
Critical Depth =   32.03(In.)
Pipe flow velocity =     10.94(Ft/s)
Travel time through pipe =    0.35 min.
Time of concentration (TC) =   340.47 min.


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      342.000 to Point/Station      315.000
**** CONFLUENCE OF MINOR STREAMS ****
________________________________________________________________________
Along Main Stream number: 1 in normal stream number 2
Stream flow area =     93.900(Ac.)
Runoff from this stream =     70.962(CFS)
Time of concentration =  340.47 min.
Rainfall intensity =     0.462(In/Hr)
Summary of stream data:

Stream   Flow rate      TC            Rainfall Intensity
 No.       (CFS)       (min)                  (In/Hr)


1       68.665    358.80                0.449
2       70.962    340.47                0.462
Largest stream flow has longer or shorter time of concentration
Qp =     70.962 + sum of
         Qa          Tb/Ta
         68.665 *    0.949 =     65.157
Qp =    136.119

Total of 2 streams to confluence:
Flow rates before confluence point:
      68.665      70.962
Area of streams before confluence:
      214.000       93.900
Results of confluence:
Total flow rate =    136.119(CFS)
Time of concentration =   340.469 min.
Effective stream area after confluence =    307.900(Ac.)
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++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      315.000 to Point/Station      343.000
**** NATURAL CHANNEL TIME + SUBAREA FLOW ADDITION ****
______________________________________________________________________________
Top of natural channel elevation =   1420.000(Ft.)
End of natural channel elevation =   1409.000(Ft.)
Length of natural channel  =   605.000(Ft.)
Estimated mean flow rate at midpoint of channel =    137.335(CFS)

Natural valley channel type used
L.A. County flood control district formula for channel velocity:
 Velocity(ft/s) = (7 + 8(q(English Units)^.352)(slope^0.5)
Velocity using mean channel flow =   7.04(Ft/s)

Correction to map slope used on extremely rugged channels with
drops and waterfalls (Plate D-6.2)
       Normal channel slope =  0.0182
Corrected/adjusted channel slope =  0.0182
Travel time =    1.43 min.     TC =  341.90  min.


 Adding area flow to channel
UNDEVELOPED (poor cover) subarea
Runoff Coefficient = 0.768
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
RI index for soil(AMC 3)  =  94.40
Pervious area fraction =  1.000; Impervious fraction =  0.000
Rainfall intensity =      0.461(In/Hr) for a   100.0 year storm
Subarea runoff =      1.947(CFS) for      5.500(Ac.)
Total runoff =    138.066(CFS)   Total area =     313.400(Ac.)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      605.000 to Point/Station      605.000
**** USER DEFINED FLOW INFORMATION AT A POINT ****
______________________________________________________________________________
Rainfall intensity =      0.448(In/Hr) for a   100.0 year storm
SINGLE FAMILY (1 Acre Lot)
Runoff Coefficient = 0.668
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 0.500
Decimal fraction soil group D = 0.500
RI index for soil(AMC 3)  =  86.20
Pervious area fraction =  0.800; Impervious fraction =  0.200
User specified values are as follows:
TC = 360.00 min.  Rain intensity =       0.45(In/Hr)
Total area =        59.00(Ac.)  Total runoff =     13.72(CFS)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      605.000 to Point/Station      611.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
______________________________________________________________________________
Upstream point/station elevation =  1434.000(Ft.)
Downstream point/station elevation =  1428.000(Ft.)
Pipe length  =   155.00(Ft.)   Manning's N = 0.013
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No. of pipes = 1  Required pipe flow  =    13.715(CFS)
Nearest computed pipe diameter  =     18.00(In.)
Calculated individual pipe flow  =    13.715(CFS)
Normal flow depth in pipe =   10.71(In.)
Flow top width inside pipe =   17.67(In.)
Critical Depth =   16.48(In.)
Pipe flow velocity =     12.51(Ft/s)
Travel time through pipe =    0.21 min.
Time of concentration (TC) =   360.21 min.


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      605.000 to Point/Station      611.000
**** SUBAREA FLOW ADDITION ****
_____________________________________________________________________________
COMMERCIAL subarea type
Runoff Coefficient = 0.868
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
RI index for soil(AMC 3)  =  84.40
Pervious area fraction =  0.100; Impervious fraction =  0.900
Time of concentration =   360.21 min.
Rainfall intensity =      0.448(In/Hr) for a   100.0 year storm
Subarea runoff =      0.661(CFS) for      1.700(Ac.)
Total runoff =     14.376(CFS)   Total area =      60.700(Ac.)
End of computations, total study area =          374.10 (Ac.)
The following figures may
be used for a unit hydrograph study of the same area.

Area averaged pervious area fraction(Ap) = 0.800
Area averaged RI index number =  81.0
```