

Date	Missing	Temperature (°C)			Chronic	Acute	Chronic Degree-c	Acute Degree-c
		Average	Maximum	Minimum				
31998	****	7.42	7.64	7.30	16.0	22.0	0.0	0.0
32098		7.55	8.01	6.86	16.0	22.0	0.0	0.0
32198		6.94	8.01	5.70	16.0	22.0	0.0	0.0
32298		8.09	8.52	7.41	16.0	22.0	0.0	0.0
32398		8.40	8.68	8.09	16.0	22.0	0.0	0.0
32498		8.80	8.99	8.68	16.0	22.0	0.0	0.0
32598		9.22	9.56	8.91	16.0	22.0	0.0	0.0
32698		9.54	9.67	9.44	16.0	22.0	0.0	0.0
32798		9.60	9.72	9.49	16.0	22.0	0.0	0.0
32898		9.48	9.57	9.37	16.0	22.0	0.0	0.0
32998		9.34	9.47	9.24	16.0	22.0	0.0	0.0
33098		9.12	9.22	9.03	16.0	22.0	0.0	0.0
33198		8.87	9.02	8.68	16.0	22.0	0.0	0.0
40198		8.61	8.93	8.45	16.0	22.0	0.0	0.0
40298		8.28	8.40	8.04	16.0	22.0	0.0	0.0
40398		8.00	8.27	7.88	16.0	22.0	0.0	0.0
40498		7.98	8.19	7.83	16.0	22.0	0.0	0.0
40598		7.90	8.01	7.81	16.0	22.0	0.0	0.0
40698		8.19	8.47	7.99	16.0	22.0	0.0	0.0
40798		8.44	8.72	8.21	16.0	22.0	0.0	0.0
40898		8.42	8.47	8.35	16.0	22.0	0.0	0.0
40998		8.46	8.57	8.39	16.0	22.0	0.0	0.0
41098		8.44	8.50	8.40	16.0	22.0	0.0	0.0
41198		8.68	8.88	8.50	16.0	22.0	0.0	0.0
41298		8.61	8.72	8.52	16.0	22.0	0.0	0.0
41398		8.60	8.86	8.49	16.0	22.0	0.0	0.0
41498		8.64	8.73	8.58	16.0	22.0	0.0	0.0
41598	****	8.86	9.43	8.54	16.0	22.0	0.0	0.0
41698		8.92	9.39	8.74	16.0	22.0	0.0	0.0
41798		8.91	9.28	8.72	16.0	22.0	0.0	0.0
41898		9.16	9.92	8.82	16.0	22.0	0.0	0.0
41998		9.28	9.92	8.97	16.0	22.0	0.0	0.0
42098		9.60	10.23	9.18	16.0	22.0	0.0	0.0
42198		9.75	10.20	9.52	16.0	22.0	0.0	0.0
42298		9.99	10.56	9.18	16.0	22.0	0.0	0.0
42398		9.40	10.02	8.90	16.0	22.0	0.0	0.0
42498		10.80	11.36	10.18	16.0	22.0	0.0	0.0
42598		11.17	11.74	10.79	16.0	22.0	0.0	0.0
42698		11.28	11.76	11.00	16.0	22.0	0.0	0.0
42798		11.59	12.10	11.34	16.0	22.0	0.0	0.0
42898		12.06	12.35	11.69	16.0	22.0	0.0	0.0
42998		12.03	12.83	11.22	16.0	22.0	0.0	0.0

43098	12.22	12.99	11.30	16.0	22.0	0.0	0.0
50198	12.33	13.14	11.61	16.0	22.0	0.0	0.0
50298	12.76	13.07	11.91	16.0	22.0	0.0	0.0
50398	13.27	13.47	13.05	16.0	22.0	0.0	0.0
50498	13.22	13.40	12.99	16.0	22.0	0.0	0.0
50598	13.67	14.15	13.21	16.0	22.0	0.0	0.0
50698	14.01	14.88	13.58	16.0	22.0	0.0	0.0
50798	14.10	14.76	13.83	16.0	22.0	0.0	0.0
50898	14.25	14.38	14.11	16.0	22.0	0.0	0.0
50998	14.18	14.46	13.96	16.0	22.0	0.0	0.0
51098	14.19	14.26	14.08	16.0	22.0	0.0	0.0
51198	14.13	14.20	14.03	16.0	22.0	0.0	0.0
51298	14.12	14.53	13.93	16.0	22.0	0.0	0.0
51398	13.94	14.15	13.77	16.0	22.0	0.0	0.0
51498	13.39	13.70	13.08	16.0	22.0	0.0	0.0
51598	13.18	13.39	13.08	16.0	22.0	0.0	0.0
51698	12.94	13.13	12.67	16.0	22.0	0.0	0.0
51798	12.65	12.83	12.48	16.0	22.0	0.0	0.0
51898	12.59	12.75	12.48	16.0	22.0	0.0	0.0
51998	12.48	12.65	12.34	16.0	22.0	0.0	0.0
52098	12.34	12.48	12.20	16.0	22.0	0.0	0.0
52198	12.38	12.53	12.27	16.0	22.0	0.0	0.0
52298	12.46	13.08	12.22	16.0	22.0	0.0	0.0
52398	12.62	12.94	12.34	16.0	22.0	0.0	0.0
52498	12.53	12.71	12.35	16.0	22.0	0.0	0.0
52598	12.64	13.01	12.40	16.0	22.0	0.0	0.0
52698	12.63	12.78	12.51	16.0	22.0	0.0	0.0
52798	12.63	12.86	12.53	16.0	22.0	0.0	0.0
52898	12.77	12.93	12.70	16.0	22.0	0.0	0.0
52998	12.75	12.83	12.68	16.0	22.0	0.0	0.0
53098	12.96	13.60	12.63	16.0	22.0	0.0	0.0
53198	13.06	13.26	12.79	16.0	22.0	0.0	0.0
60198	13.38	14.49	13.09	16.0	22.0	0.0	0.0
60298	13.37	13.55	13.17	16.0	22.0	0.0	0.0
60398	14.05	14.94	13.37	16.0	22.0	0.0	0.0
60498	14.53	15.29	14.16	16.0	22.0	0.0	0.0
60598	15.06	15.83	14.71	16.0	22.0	0.0	0.0
60698	15.86	16.97	15.21	16.0	22.0	0.0	0.0
60798	16.27	17.16	15.83	16.0	22.0	0.3	0.0
60898	16.58	17.44	16.13	16.0	22.0	0.6	0.0
60998	17.03	17.60	16.68	16.0	22.0	1.0	0.0
61098	17.24	17.69	16.82	16.0	22.0	1.2	0.0
61198	17.16	17.73	16.91	16.0	22.0	1.2	0.0
61298	17.56	18.32	17.08	16.0	22.0	1.6	0.0

61398	17.85	18.68	17.25	16.0	22.0	1.9	0.0
61498	17.98	18.59	17.47	16.0	22.0	2.0	0.0
61598	18.20	19.02	17.69	16.0	22.0	2.2	0.0
61698	18.10	18.44	17.86	16.0	22.0	2.1	0.0
61798	17.94	18.47	17.71	16.0	22.0	1.9	0.0
61898	18.50	19.35	18.02	16.0	22.0	2.5	0.0
61998	18.69	19.28	18.35	16.0	22.0	2.7	0.0
62098	18.79	19.16	18.52	16.0	22.0	2.8	0.0
62198	19.16	19.92	18.74	16.0	22.0	3.2	0.0
62298	19.55	20.41	19.09	16.0	22.0	3.6	0.0
62398	19.56	20.36	19.07	16.0	22.0	3.6	0.0
62498	19.19	19.69	18.89	16.0	22.0	3.2	0.0
62598	19.27	20.06	18.87	16.0	22.0	3.3	0.0
62698	19.24	19.79	18.78	16.0	22.0	3.2	0.0
62798	19.05	19.44	18.85	16.0	22.0	3.0	0.0
62898	19.14	19.30	18.85	16.0	22.0	3.1	0.0
62998	19.31	19.83	18.90	16.0	22.0	3.3	0.0
63098	19.90	20.98	19.38	16.0	22.0	3.9	0.0
70198	20.11	21.18	19.44	16.0	22.0	4.1	0.0
70298	20.26	21.09	19.50	16.0	22.0	4.3	0.0
70398	20.41	21.68	19.64	16.0	22.0	4.4	0.0
70498	20.47	21.45	19.82	16.0	22.0	4.5	0.0
70598	20.56	21.39	19.90	16.0	22.0	4.6	0.0
70698	20.64	21.45	20.18	16.0	22.0	4.6	0.0
70798	20.87	21.48	20.50	16.0	22.0	4.9	0.0
70898	21.00	21.79	20.64	16.0	22.0	5.0	0.0
70998	20.85	21.34	20.50	16.0	22.0	4.8	0.0
71098	21.20	22.00	20.76	16.0	22.0	5.2	0.0
71198	21.29	22.07	20.75	16.0	22.0	5.3	0.0
71298	21.43	22.30	21.01	16.0	22.0	5.4	0.0
71398	21.54	22.50	21.12	16.0	22.0	5.5	0.0
71498	21.58	22.34	21.13	16.0	22.0	5.6	0.0
71598	21.69	22.12	21.36	16.0	22.0	5.7	0.0
71698	21.83	22.50	21.57	16.0	22.0	5.8	0.0
71798	22.13	23.03	21.62	16.0	22.0	6.1	0.1
71898	22.24	22.78	21.87	16.0	22.0	6.2	0.2
71998	22.45	23.29	21.94	16.0	22.0	6.5	0.5
72098	22.52	23.09	22.25	16.0	22.0	6.5	0.5
72198	22.60	23.40	22.32	16.0	22.0	6.6	0.6
72298	22.80	23.66	22.28	16.0	22.0	6.8	0.8
72398	22.86	24.02	22.33	16.0	22.0	6.9	0.9
72498	23.07	23.58	22.68	16.0	22.0	7.1	1.1
72598	22.98	23.17	22.76	16.0	22.0	7.0	1.0
72698	22.82	23.26	22.00	16.0	22.0	6.8	0.8

72798	22.93	23.41	22.05	16.0	22.0	6.9	0.9
72898	22.93	23.46	21.97	16.0	22.0	6.9	0.9
72998	22.85	23.45	21.96	16.0	22.0	6.8	0.8
73098	23.28	24.00	22.84	16.0	22.0	7.3	1.3
73198	23.48	24.27	22.85	16.0	22.0	7.5	1.5
80198	23.48	23.91	23.25	16.0	22.0	7.5	1.5
80298	23.32	23.61	23.03	16.0	22.0	7.3	1.3
80398	23.29	23.41	23.13	16.0	22.0	7.3	1.3
80498	23.19	23.61	22.51	16.0	22.0	7.2	1.2
80598	23.43	24.50	22.73	16.0	22.0	7.4	1.4
80698	23.67	24.63	23.07	16.0	22.0	7.7	1.7
80798	23.65	24.19	23.17	16.0	22.0	7.7	1.7
80898	23.42	23.79	23.23	16.0	22.0	7.4	1.4
80998	23.39	24.15	23.12	16.0	22.0	7.4	1.4
81098	23.38	24.08	23.13	16.0	22.0	7.4	1.4
81198	23.46	24.15	23.07	16.0	22.0	7.5	1.5
81298	23.19	23.47	23.02	16.0	22.0	7.2	1.2
81398	23.24	23.81	22.98	16.0	22.0	7.2	1.2
81498	23.62	24.74	23.02	16.0	22.0	7.6	1.6
81598	23.70	24.54	23.08	16.0	22.0	7.7	1.7
81698	23.45	24.03	23.05	16.0	22.0	7.5	1.5
81798	23.27	23.95	22.87	16.0	22.0	7.3	1.3
81898	22.93	23.48	22.69	16.0	22.0	6.9	0.9
81998	22.57	22.76	22.30	16.0	22.0	6.6	0.6
82098	22.32	22.53	22.13	16.0	22.0	6.3	0.3
82198	22.26	22.76	22.07	16.0	22.0	6.3	0.3
82298	22.26	22.85	22.08	16.0	22.0	6.3	0.3
82398	22.27	22.59	22.07	16.0	22.0	6.3	0.3
82498	22.04	22.28	21.92	16.0	22.0	6.0	0.0
82598	22.03	22.69	21.71	16.0	22.0	6.0	0.0
82698	22.03	22.47	21.82	16.0	22.0	6.0	0.0
82798	21.79	22.01	21.47	16.0	22.0	5.8	0.0
82898	21.63	21.80	21.41	16.0	22.0	5.6	0.0
82998	21.59	22.15	21.24	16.0	22.0	5.6	0.0
83098	21.86	22.37	21.61	16.0	22.0	5.9	0.0
83198	21.75	22.01	21.44	16.0	22.0	5.7	0.0
90198	21.86	22.06	21.63	16.0	22.0	5.9	0.0
90298	21.88	22.30	21.66	16.0	22.0	5.9	0.0
90398	21.91	22.53	21.66	16.0	22.0	5.9	0.0
90498	21.96	22.80	21.68	16.0	22.0	6.0	0.0
90598	22.01	22.50	21.74	16.0	22.0	6.0	0.0
90698	21.70	21.91	21.46	16.0	22.0	5.7	0.0
90798	21.68	21.87	21.29	16.0	22.0	5.7	0.0
90898	21.64	22.07	21.41	16.0	22.0	5.6	0.0

90998	21.48	21.73	21.36	16.0	22.0	5.5	0.0	
91098	21.19	21.52	20.99	16.0	22.0	5.2	0.0	
91198	21.04	21.50	20.78	16.0	22.0	5.0	0.0	
91298	20.99	21.48	20.73	16.0	22.0	5.0	0.0	
91398	20.92	21.20	20.71	16.0	22.0	4.9	0.0	
91498	20.83	20.92	20.71	16.0	22.0	4.8	0.0	
91598	20.65	20.85	20.31	16.0	22.0	4.6	0.0	
91698	20.48	20.87	20.29	16.0	22.0	4.5	0.0	
91798	20.41	20.65	20.27	16.0	22.0	4.4	0.0	
91898	20.22	20.50	19.97	16.0	22.0	4.2	0.0	
91998	20.16	20.58	19.94	16.0	22.0	4.2	0.0	
92098	20.06	20.34	19.85	16.0	22.0	4.1	0.0	
92198	19.89	20.08	19.68	16.0	22.0	3.9	0.0	
92298	19.56	19.80	19.45	16.0	22.0	3.6	0.0	
92398	19.41	19.74	19.17	16.0	22.0	3.4	0.0	
92498	19.36	19.79	19.10	16.0	22.0	3.4	0.0	
92598	19.33	19.48	19.15	16.0	22.0	3.3	0.0	
92698	19.02	19.24	18.84	16.0	22.0	3.0	0.0	
92798	18.73	19.00	18.53	16.0	22.0	2.7	0.0	
92898	18.40	18.52	18.31	16.0	22.0	2.4	0.0	
92998	18.47	19.05	18.19	16.0	22.0	2.5	0.0	
93098	****	18.39	18.55	18.18	16.0	22.0	2.4	0.0
100198		18.12	18.30	17.82	16.0	22.0	2.1	0.0
100298		18.05	18.23	17.89	16.0	22.0	2.1	0.0
100398		17.78	17.96	17.63	16.0	22.0	1.8	0.0
100498		17.53	17.84	17.34	16.0	22.0	1.5	0.0
100598		17.27	17.48	17.14	16.0	22.0	1.3	0.0
100698		16.98	17.14	16.90	16.0	22.0	1.0	0.0
100798		16.72	16.95	16.20	16.0	22.0	0.7	0.0
100898		16.53	16.80	16.25	16.0	22.0	0.5	0.0
100998		16.49	16.67	16.38	16.0	22.0	0.5	0.0
101098		16.37	16.58	16.25	16.0	22.0	0.4	0.0
101198		16.20	16.35	16.06	16.0	22.0	0.2	0.0
101298		15.91	16.16	15.58	16.0	22.0	0.0	0.0
101398		15.68	15.89	15.53	16.0	22.0	0.0	0.0
101498		15.65	15.84	15.51	16.0	22.0	0.0	0.0
101598		15.37	15.59	15.18	16.0	22.0	0.0	0.0
101698		15.04	15.19	14.89	16.0	22.0	0.0	0.0
101798		14.79	14.89	14.66	16.0	22.0	0.0	0.0
101898		14.69	14.99	14.51	16.0	22.0	0.0	0.0
101998		14.63	14.78	14.49	16.0	22.0	0.0	0.0
102098		14.40	14.61	14.23	16.0	22.0	0.0	0.0
102198		14.20	14.36	14.09	16.0	22.0	0.0	0.0
102298		14.07	14.22	13.91	16.0	22.0	0.0	0.0

102398	13.75	14.16	13.21	16.0	22.0	0.0	0.0
102498	13.27	13.49	13.08	16.0	22.0	0.0	0.0
102598	13.51	13.64	13.44	16.0	22.0	0.0	0.0
102698	13.39	13.51	13.31	16.0	22.0	0.0	0.0
102798	13.25	13.39	13.08	16.0	22.0	0.0	0.0
102898	13.30	13.54	13.13	16.0	22.0	0.0	0.0
102998	13.18	13.36	13.03	16.0	22.0	0.0	0.0
103098	12.82	13.05	12.67	16.0	22.0	0.0	0.0
103198	12.49	12.65	12.39	16.0	22.0	0.0	0.0
110198	12.27	12.37	12.14	16.0	22.0	0.0	0.0
110298	12.04	12.16	11.96	16.0	22.0	0.0	0.0
110398	11.98	12.09	11.93	16.0	22.0	0.0	0.0
110498	11.88	11.97	11.77	16.0	22.0	0.0	0.0
110598	11.70	11.77	11.56	16.0	22.0	0.0	0.0
110698	11.40	11.54	11.23	16.0	22.0	0.0	0.0
110798	11.23	11.28	11.15	16.0	22.0	0.0	0.0
110898	11.06	11.13	10.97	16.0	22.0	0.0	0.0
110998	10.80	10.94	10.71	16.0	22.0	0.0	0.0
111098	10.62	10.71	10.49	16.0	22.0	0.0	0.0
111198	10.37	10.48	10.28	16.0	22.0	0.0	0.0
111298	10.20	10.28	10.07	16.0	22.0	0.0	0.0
111398	9.99	10.09	9.91	16.0	22.0	0.0	0.0
111498	9.72	9.91	9.50	16.0	22.0	0.0	0.0
111598	9.60	9.82	9.48	16.0	22.0	0.0	0.0
111698	9.49	9.56	9.40	16.0	22.0	0.0	0.0
111798	9.33	9.51	9.13	16.0	22.0	0.0	0.0
111898 ****	9.24	9.27	9.18	16.0	22.0	0.0	0.0
111998				16.0	22.0		
112098				16.0	22.0		
112198				16.0	22.0		
112298				16.0	22.0		
112398				16.0	22.0		
112498				16.0	22.0		
112598				16.0	22.0		
112698				16.0	22.0		
112798				16.0	22.0		
112898				16.0	22.0		
112998				16.0	22.0		
113098				16.0	22.0		

SUM	596	39
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Average	Dissolved Oxygen (mg/L)		Chronic	Acute	Chronic	Acute
	Maximum	Minimum			DO Day	DO Day
10.59	10.68	10.40	7.0	5.5	0.0	0.0
10.62	10.80	10.50	7.0	5.5	0.0	0.0
10.78	11.12	10.50	7.0	5.5	0.0	0.0
10.29	10.51	10.10	7.0	5.5	0.0	0.0
10.28	10.42	10.19	7.0	5.5	0.0	0.0
10.16	10.19	10.11	7.0	5.5	0.0	0.0
10.06	10.13	9.98	7.0	5.5	0.0	0.0
9.98	10.01	9.95	7.0	5.5	0.0	0.0
9.97	9.99	9.94	7.0	5.5	0.0	0.0
10.00	10.02	9.97	7.0	5.5	0.0	0.0
10.03	10.05	10.00	7.0	5.5	0.0	0.0
10.08	10.10	10.06	7.0	5.5	0.0	0.0
10.14	10.19	10.11	7.0	5.5	0.0	0.0
10.21	10.25	10.13	7.0	5.5	0.0	0.0
10.29	10.35	10.26	7.0	5.5	0.0	0.0
10.36	10.39	10.29	7.0	5.5	0.0	0.0
10.36	10.40	10.31	7.0	5.5	0.0	0.0
10.38	10.41	10.36	7.0	5.5	0.0	0.0
10.31	10.36	10.24	7.0	5.5	0.0	0.0
10.25	10.31	10.18	7.0	5.5	0.0	0.0
10.25	10.27	10.24	7.0	5.5	0.0	0.0
10.24	10.26	10.22	7.0	5.5	0.0	0.0
10.25	10.26	10.23	7.0	5.5	0.0	0.0
10.19	10.23	10.14	7.0	5.5	0.0	0.0
10.21	10.23	10.18	7.0	5.5	0.0	0.0
10.21	10.24	10.15	7.0	5.5	0.0	0.0
10.20	10.21	10.18	7.0	5.5	0.0	0.0
10.15	10.22	10.01	7.0	5.5	0.0	0.0
11.04	11.17	10.94	7.0	5.5	0.0	0.0
10.99	11.10	10.85	7.0	5.5	0.0	0.0
10.97	11.11	10.80	7.0	5.5	0.0	0.0
10.84	10.98	10.66	7.0	5.5	0.0	0.0
10.75	10.89	10.61	7.0	5.5	0.0	0.0
10.40	10.61	10.11	7.0	5.5	0.0	0.0
9.98	10.15	9.69	7.0	5.5	0.0	0.0
9.69	9.80	9.59	7.0	5.5	0.0	0.0
9.66	9.72	9.52	7.0	5.5	0.0	0.0
9.59	9.89	9.43	7.0	5.5	0.0	0.0
9.54	9.63	9.41	7.0	5.5	0.0	0.0
9.36	9.46	9.23	7.0	5.5	0.0	0.0
9.28	9.51	9.04	7.0	5.5	0.0	0.0
8.88	9.05	8.72	7.0	5.5	0.0	0.0

8.84	9.03	8.69	7.0	5.5	0.0	0.0
8.82	8.96	8.66	7.0	5.5	0.0	0.0
8.73	8.90	8.67	7.0	5.5	0.0	0.0
8.63	8.68	8.60	7.0	5.5	0.0	0.0
8.65	8.69	8.61	7.0	5.5	0.0	0.0
8.56	8.65	8.47	7.0	5.5	0.0	0.0
8.50	8.58	8.34	7.0	5.5	0.0	0.0
8.48	8.53	8.36	7.0	5.5	0.0	0.0
8.86	9.02	8.60	7.0	5.5	0.0	0.0
8.46	9.03	7.98	7.0	5.5	0.0	0.0
8.05	8.30	7.65	7.0	5.5	0.0	0.0
8.13	9.02	7.47	7.0	5.5	0.0	0.0
8.40	9.05	8.01	7.0	5.5	0.0	0.0
9.38	9.93	8.37	7.0	5.5	0.0	0.0
9.72	9.85	9.57	7.0	5.5	0.0	0.0
9.77	9.98	9.56	7.0	5.5	0.0	0.0
9.84	10.14	9.62	7.0	5.5	0.0	0.0
9.92	10.03	9.72	7.0	5.5	0.0	0.0
10.07	10.17	9.92	7.0	5.5	0.0	0.0
9.86	10.15	9.55	7.0	5.5	0.0	0.0
9.78	10.06	9.56	7.0	5.5	0.0	0.0
9.84	10.06	9.62	7.0	5.5	0.0	0.0
9.58	9.69	9.48	7.0	5.5	0.0	0.0
9.67	10.02	9.43	7.0	5.5	0.0	0.0
9.63	9.91	9.42	7.0	5.5	0.0	0.0
9.60	9.75	9.42	7.0	5.5	0.0	0.0
9.48	9.64	9.31	7.0	5.5	0.0	0.0
9.33	9.49	9.25	7.0	5.5	0.0	0.0
9.27	9.28	9.23	7.0	5.5	0.0	0.0
9.27	9.28	9.25	7.0	5.5	0.0	0.0
9.22	9.29	9.09	7.0	5.5	0.0	0.0
9.20	9.26	9.16	7.0	5.5	0.0	0.0
9.13	9.19	8.91	7.0	5.5	0.0	0.0
9.14	9.18	9.10	7.0	5.5	0.0	0.0
9.00	9.14	8.82	7.0	5.5	0.0	0.0
8.90	8.98	8.75	7.0	5.5	0.0	0.0
8.80	8.87	8.64	7.0	5.5	0.0	0.0
8.64	8.77	8.44	7.0	5.5	0.0	0.0
8.58	8.66	8.42	7.0	5.5	0.0	0.0
8.52	8.60	8.36	7.0	5.5	0.0	0.0
8.43	8.49	8.33	7.0	5.5	0.0	0.0
8.36	8.55	8.00	7.0	5.5	0.0	0.0
8.01	8.57	7.69	7.0	5.5	0.0	0.0
8.05	8.37	7.80	7.0	5.5	0.0	0.0

8.06	8.48	7.64	7.0	5.5	0.0	0.0
8.01	8.49	7.71	7.0	5.5	0.0	0.0
8.07	8.72	7.47	7.0	5.5	0.0	0.0
7.71	8.24	7.15	7.0	5.5	0.0	0.0
7.37	7.76	6.79	7.0	5.5	0.0	0.0
7.47	8.50	6.75	7.0	5.5	0.0	0.0
7.47	7.95	7.10	7.0	5.5	0.0	0.0
7.21	7.65	6.96	7.0	5.5	0.0	0.0
7.08	7.59	6.55	7.0	5.5	0.0	0.0
7.24	8.13	6.58	7.0	5.5	0.0	0.0
7.29	7.91	6.68	7.0	5.5	0.0	0.0
6.89	6.93	6.82	7.0	5.5	0.1	0.0
6.88	6.94	6.77	7.0	5.5	0.1	0.0
7.37	8.44	6.44	7.0	5.5	0.0	0.0
6.87	7.26	6.60	7.0	5.5	0.1	0.0
6.78	7.23	6.25	7.0	5.5	0.2	0.0
6.52	6.84	6.16	7.0	5.5	0.5	0.0
6.48	7.28	5.97	7.0	5.5	0.5	0.0
6.79	7.50	6.35	7.0	5.5	0.2	0.0
6.73	7.20	6.18	7.0	5.5	0.3	0.0
6.73	7.53	6.10	7.0	5.5	0.3	0.0
6.61	7.11	6.13	7.0	5.5	0.4	0.0
6.32	6.73	5.94	7.0	5.5	0.7	0.0
6.31	6.75	5.83	7.0	5.5	0.7	0.0
6.02	6.28	5.84	7.0	5.5	1.0	0.0
6.31	7.10	5.74	7.0	5.5	0.7	0.0
6.58	7.02	6.11	7.0	5.5	0.4	0.0
6.77	7.07	6.41	7.0	5.5	0.2	0.0
6.72	6.98	6.32	7.0	5.5	0.3	0.0
6.65	7.03	6.34	7.0	5.5	0.4	0.0
6.47	6.83	6.07	7.0	5.5	0.5	0.0
6.27	6.64	5.95	7.0	5.5	0.7	0.0
6.58	7.69	5.89	7.0	5.5	0.4	0.0
6.44	6.78	5.92	7.0	5.5	0.6	0.0
6.25	6.50	5.79	7.0	5.5	0.7	0.0
5.79	6.21	5.40	7.0	5.5	1.2	0.0
5.77	6.62	5.12	7.0	5.5	1.2	0.0
5.52	6.44	5.02	7.0	5.5	1.5	0.0
5.84	6.80	5.00	7.0	5.5	1.2	0.0
6.02	6.91	5.52	7.0	5.5	1.0	0.0
5.93	7.13	5.26	7.0	5.5	1.1	0.0
5.55	5.99	5.14	7.0	5.5	1.4	0.0
5.71	6.00	5.34	7.0	5.5	1.3	0.0
5.73	6.05	5.13	7.0	5.5	1.3	0.0

5.59	5.94	4.89	7.0	5.5	1.4	0.0
5.60	6.08	4.67	7.0	5.5	1.4	0.0
6.27	8.00	5.30	7.0	5.5	0.7	0.0
6.01	6.64	5.08	7.0	5.5	1.0	0.0
4.84	5.30	4.25	7.0	5.5	2.2	0.7
5.17	5.58	4.88	7.0	5.5	1.8	0.3
5.30	5.89	4.85	7.0	5.5	1.7	0.2
4.93	5.25	4.67	7.0	5.5	2.1	0.6
5.25	5.32	5.21	7.0	5.5	1.7	0.2
5.23	5.30	5.13	7.0	5.5	1.8	0.3
5.21	5.26	5.11	7.0	5.5	1.8	0.3
5.21	5.25	5.15	7.0	5.5	1.8	0.3
5.23	5.25	5.19	7.0	5.5	1.8	0.3
5.23	5.26	5.16	7.0	5.5	1.8	0.3
5.23	5.26	5.17	7.0	5.5	1.8	0.3
5.23	5.26	5.16	7.0	5.5	1.8	0.3
5.25	5.27	5.22	7.0	5.5	1.7	0.2
5.25	5.27	5.19	7.0	5.5	1.8	0.3
5.21	5.27	5.10	7.0	5.5	1.8	0.3
5.20	5.26	5.12	7.0	5.5	1.8	0.3
5.23	5.27	5.17	7.0	5.5	1.8	0.3
5.24	5.28	5.18	7.0	5.5	1.8	0.3
5.93	7.10	5.40	7.0	5.5	1.1	0.0
5.81	6.78	5.29	7.0	5.5	1.2	0.0
5.32	5.34	5.30	7.0	5.5	1.7	0.2
5.33	5.35	5.28	7.0	5.5	1.7	0.2
5.33	5.35	5.27	7.0	5.5	1.7	0.2
5.33	5.35	5.30	7.0	5.5	1.7	0.2
5.35	5.37	5.33	7.0	5.5	1.6	0.1
5.35	5.39	5.29	7.0	5.5	1.6	0.1
5.48	6.28	5.27	7.0	5.5	1.5	0.0
5.20	5.72	4.44	7.0	5.5	1.8	0.3
5.32	5.80	4.73	7.0	5.5	1.7	0.2
5.32	5.98	4.65	7.0	5.5	1.7	0.2
5.19	5.67	4.79	7.0	5.5	1.8	0.3
5.15	5.33	4.97	7.0	5.5	1.8	0.3
5.16	5.18	5.14	7.0	5.5	1.8	0.3
5.42	6.19	4.98	7.0	5.5	1.6	0.1
5.65	6.88	4.96	7.0	5.5	1.4	0.0
5.77	7.17	5.06	7.0	5.5	1.2	0.0
5.69	6.58	5.22	7.0	5.5	1.3	0.0
5.21	5.72	4.67	7.0	5.5	1.8	0.3
5.36	5.95	4.04	7.0	5.5	1.6	0.1
5.77	7.12	4.68	7.0	5.5	1.2	0.0

5.95	6.96	5.39	7.0	5.5	1.1	0.0
5.22	6.31	4.73	7.0	5.5	1.8	0.3
5.26	6.49	4.60	7.0	5.5	1.7	0.2
5.50	6.33	4.94	7.0	5.5	1.5	0.0
5.46	5.74	5.21	7.0	5.5	1.5	0.0
5.30	5.43	5.10	7.0	5.5	1.7	0.2
5.54	5.84	5.11	7.0	5.5	1.5	0.0
5.63	7.24	4.19	7.0	5.5	1.4	0.0
6.69	8.51	4.99	7.0	5.5	0.3	0.0
6.52	8.38	4.05	7.0	5.5	0.5	0.0
7.83	8.93	7.09	7.0	5.5	0.0	0.0
7.84	8.46	7.37	7.0	5.5	0.0	0.0
8.10	8.45	7.67	7.0	5.5	0.0	0.0
7.41	7.92	6.94	7.0	5.5	0.0	0.0
7.08	7.55	6.84	7.0	5.5	0.0	0.0
6.90	6.93	6.84	7.0	5.5	0.1	0.0
6.90	6.93	6.88	7.0	5.5	0.1	0.0
6.94	6.97	6.91	7.0	5.5	0.1	0.0
6.99	7.01	6.95	7.0	5.5	0.0	0.0
7.03	7.05	7.02	7.0	5.5	0.0	0.0
7.02	7.06	6.94	7.0	5.5	0.0	0.0
7.03	7.06	7.01	7.0	5.5	0.0	0.0
7.07	7.12	7.05	7.0	5.5	0.0	0.0
7.28	7.93	7.04	7.0	5.5	0.0	0.0
7.27	8.01	6.69	7.0	5.5	0.0	0.0
7.46	8.24	6.89	7.0	5.5	0.0	0.0
7.06	7.82	6.15	7.0	5.5	0.0	0.0
6.35	7.22	5.96	7.0	5.5	0.7	0.0
6.47	7.05	6.16	7.0	5.5	0.5	0.0
6.20	6.24	6.17	7.0	5.5	0.8	0.0
6.21	6.22	6.18	7.0	5.5	0.8	0.0
6.22	6.24	6.20	7.0	5.5	0.8	0.0
6.25	6.26	6.23	7.0	5.5	0.8	0.0
6.28	6.33	6.25	7.0	5.5	0.7	0.0
6.31	6.33	6.29	7.0	5.5	0.7	0.0
6.32	6.34	6.29	7.0	5.5	0.7	0.0
6.36	6.38	6.33	7.0	5.5	0.6	0.0
6.40	6.42	6.38	7.0	5.5	0.6	0.0
6.44	6.45	6.42	7.0	5.5	0.6	0.0
6.45	6.48	6.41	7.0	5.5	0.5	0.0
6.46	6.48	6.44	7.0	5.5	0.5	0.0
6.49	6.52	6.46	7.0	5.5	0.5	0.0
6.52	6.54	6.50	7.0	5.5	0.5	0.0
6.54	6.56	6.52	7.0	5.5	0.5	0.0

6.59	6.66	6.53	7.0	5.5	0.4	0.0
6.66	6.68	6.62	7.0	5.5	0.3	0.0
6.62	6.63	6.60	7.0	5.5	0.4	0.0
6.64	6.65	6.62	7.0	5.5	0.4	0.0
6.66	6.68	6.64	7.0	5.5	0.3	0.0
6.65	6.68	6.62	7.0	5.5	0.3	0.0
6.67	6.69	6.64	7.0	5.5	0.3	0.0
6.72	6.74	6.69	7.0	5.5	0.3	0.0
6.77	6.79	6.75	7.0	5.5	0.2	0.0
6.81	6.83	6.79	7.0	5.5	0.2	0.0
6.84	6.85	6.82	7.0	5.5	0.2	0.0
6.85	6.86	6.83	7.0	5.5	0.1	0.0
6.69	6.86	6.40	7.0	5.5	0.3	0.0
6.49	6.64	6.28	7.0	5.5	0.5	0.0
6.34	6.63	6.06	7.0	5.5	0.7	0.0
6.69	6.90	6.36	7.0	5.5	0.3	0.0
6.85	7.03	6.66	7.0	5.5	0.2	0.0
6.79	7.07	6.62	7.0	5.5	0.2	0.0
6.66	6.68	6.64	7.0	5.5	0.3	0.0
6.69	6.71	6.68	7.0	5.5	0.3	0.0
6.72	6.74	6.71	7.0	5.5	0.3	0.0
6.75	6.77	6.74	7.0	5.5	0.2	0.0
6.80	6.83	6.77	7.0	5.5	0.2	0.0
6.82	6.84	6.78	7.0	5.5	0.2	0.0
6.84	6.85	6.82	7.0	5.5	0.2	0.0
6.86	6.89	6.83	7.0	5.5	0.1	0.0
7.04	7.57	6.87	7.0	5.5	0.0	0.0
			7.0	5.5		
			7.0	5.5		
			7.0	5.5		
			7.0	5.5		
			7.0	5.5		
			7.0	5.5		
			7.0	5.5		
			7.0	5.5		
			7.0	5.5		
			7.0	5.5		
			7.0	5.5		
			7.0	5.5		
			SUM		124	9.5