

Seiad Valley Datasonde Record

Date	Temperature (°C)			Chronic	Acute	Chronic Acute		Average
	Average	Maximum	Minimum			Degree-c	Degree-F	
40398	9.20	9.28	9.06	16.0	22.0	0.0	0.0	10.22
40498	8.96	9.21	8.54	16.0	22.0	0.0	0.0	10.24
40598	8.91	9.20	8.52	16.0	22.0	0.0	0.0	10.25
40698	8.91	9.42	8.28	16.0	22.0	0.0	0.0	10.23
40798	9.14	9.52	8.69	16.0	22.0	0.0	0.0	10.22
40898	9.01	9.31	8.56	16.0	22.0	0.0	0.0	9.99
40998	9.21	9.76	8.57	16.0	22.0	0.0	0.0	9.45
41098	9.37	9.64	8.93	16.0	22.0	0.0	0.0	9.41
41198	9.01	9.45	8.48	16.0	22.0	0.0	0.0	9.49
41298	8.53	8.93	8.25	16.0	22.0	0.0	0.0	9.60
41398	8.62	9.13	8.00	16.0	22.0	0.0	0.0	9.58
41498	8.79	9.44	8.07	16.0	22.0	0.0	0.0	9.54
41598	9.26	10.07	8.54	16.0	22.0	0.0	0.0	9.44
41698	9.60	10.39	8.64	16.0	22.0	0.0	0.0	9.36
41798	10.15	10.86	9.13	16.0	22.0	0.0	0.0	9.24
41898	10.69	11.16	9.85	16.0	22.0	0.0	0.0	9.12
41998	11.00	11.74	9.91	16.0	22.0	0.0	0.0	9.06
42098	11.38	12.06	10.34	16.0	22.0	0.0	0.0	8.98
42198	11.97	12.77	11.06	16.0	22.0	0.0	0.0	8.86
42298	12.13	12.48	11.66	16.0	22.0	0.0	0.0	8.82
42398	11.42	12.06	10.91	16.0	22.0	0.0	0.0	8.97
42498	10.70	11.18	10.43	16.0	22.0	0.0	0.0	9.12
42598	10.52	11.22	9.87	16.0	22.0	0.0	0.0	9.16
42698	11.26	12.20	10.42	16.0	22.0	0.0	0.0	9.00
42798	12.31	13.26	11.45	16.0	22.0	0.0	0.0	8.79
42898	13.03	13.74	12.34	16.0	22.0	0.0	0.0	8.65
42998	13.08	13.44	12.52	16.0	22.0	0.0	0.0	8.91
43098	12.58	13.11	12.09	16.0	22.0	0.0	0.0	10.16
50198	11.80	12.07	11.50	16.0	22.0	0.0	0.0	10.23
50298	11.20	11.61	10.81	16.0	22.0	0.0	0.0	10.33
50398	11.41	12.06	10.99	16.0	22.0	0.0	0.0	10.36
50498	11.88	12.29	11.33	16.0	22.0	0.0	0.0	10.10
50598	11.88	12.78	11.05	16.0	22.0	0.0	0.0	10.17
50698	13.11	13.76	12.48	16.0	22.0	0.0	0.0	9.82
50798	13.84	14.70	13.03	16.0	22.0	0.0	0.0	9.62
50898	13.44	14.46	12.82	16.0	22.0	0.0	0.0	9.66
50998	12.34	12.85	11.81	16.0	22.0	0.0	0.0	9.82
51098	12.34	12.83	11.73	16.0	22.0	0.0	0.0	9.73
51198	12.47	12.65	12.25	16.0	22.0	0.0	0.0	9.51
51298	12.51	13.36	11.79	16.0	22.0	0.0	0.0	9.41

51398	12.84	13.06	12.47	16.0	22.0	0.0	0.0	8.89
51498	12.70	12.96	12.45	16.0	22.0	0.0	0.0	7.87
51598	12.50	12.85	12.01	16.0	22.0	0.0	0.0	8.34
51698	12.46	12.83	11.83	16.0	22.0	0.0	0.0	7.66
51798	12.24	12.82	11.55	16.0	22.0	0.0	0.0	7.66
51898	12.70	13.74	11.66	16.0	22.0	0.0	0.0	8.04
51998	12.86	13.73	12.44	16.0	22.0	0.0	0.0	7.56
52098	11.92	12.47	11.56	16.0	22.0	0.0	0.0	7.37
52198	12.07	12.82	11.40	16.0	22.0	0.0	0.0	7.52
52298	12.75	13.77	11.81	16.0	22.0	0.0	0.0	7.10
52398	13.66	14.12	13.05	16.0	22.0	0.0	0.0	7.56
52498	13.10	13.66	12.70	16.0	22.0	0.0	0.0	8.00
52598	12.16	12.58	11.66	16.0	22.0	0.0	0.0	7.93
52698	11.87	12.29	11.61	16.0	22.0	0.0	0.0	7.35
52798	11.86	12.44	11.25	16.0	22.0	0.0	0.0	8.31
52898	12.21	12.45	11.83	16.0	22.0	0.0	0.0	9.12
52998	11.96	12.35	11.43	16.0	22.0	0.0	0.0	9.21
53098	13.10	14.24	12.06	16.0	22.0	0.0	0.0	9.05
53198	14.18	15.13	13.18	16.0	22.0	0.0	0.0	8.78
60198	14.64	15.56	13.48	16.0	22.0	0.0	0.0	9.60
60298	14.78	15.36	14.06	16.0	22.0	0.0	0.0	9.59
60398	14.16	15.04	13.18	16.0	22.0	0.0	0.0	9.62
60498	14.72	15.51	13.71	16.0	22.0	0.0	0.0	9.50
60598	15.22	16.14	14.16	16.0	22.0	0.0	0.0	9.31
60698	15.72	16.43	14.72	16.0	22.0	0.0	0.0	9.13
60798	15.58	16.13	14.93	16.0	22.0	0.0	0.0	9.01
60898	15.18	15.73	14.52	16.0	22.0	0.0	0.0	9.19
60998	15.68	16.48	14.74	16.0	22.0	0.0	0.0	9.05
61098	16.15	16.74	15.68	16.0	22.0	0.1	0.0	8.76
61198	15.35	15.89	14.90	16.0	22.0	0.0	0.0	8.48
61298	16.00	17.10	15.00	16.0	22.0	0.0	0.0	7.88
61398	16.75	17.31	16.00	16.0	22.0	0.7	0.0	7.84
61498	16.63	17.12	15.92	16.0	22.0	0.6	0.0	7.86
61598	16.80	17.44	16.06	16.0	22.0	0.8	0.0	7.83
61698	16.39	17.09	15.64	16.0	22.0	0.4	0.0	7.90
61798	16.41	17.34	15.46	16.0	22.0	0.4	0.0	7.89
61898	17.09	17.89	16.35	16.0	22.0	1.1	0.0	7.78
61998	16.84	17.58	16.06	16.0	22.0	0.8	0.0	7.82
62098	17.07	18.09	16.20	16.0	22.0	1.1	0.0	7.79
62198	17.59	18.60	16.73	16.0	22.0	1.6	0.0	7.70
62298	17.75	18.52	17.04	16.0	22.0	1.7	0.0	7.68
62398	17.91	18.82	16.93	16.0	22.0	1.9	0.0	7.65
62498	17.13	18.19	16.19	16.0	22.0	1.1	0.0	8.53
62598	15.91	16.56	15.25	16.0	22.0	0.0	0.0	9.26

62698	16.34	17.46	15.22	16.0	22.0	0.3	0.0	9.21
62798	17.06	18.58	15.64	16.0	22.0	1.1	0.0	8.81
62898	18.12	19.69	16.66	16.0	22.0	2.1	0.0	8.36
62998	18.92	20.43	17.46	16.0	22.0	2.9	0.0	8.08
63098	19.21	20.57	17.92	16.0	22.0	3.2	0.0	7.82
70198	19.16	20.86	17.80	16.0	22.0	3.2	0.0	7.98
70298	19.64	21.65	17.78	16.0	22.0	3.6	0.0	7.31
70398	19.15	20.86	17.27	16.0	22.0	3.1	0.0	7.14
70498	19.43	21.70	17.22	16.0	22.0	3.4	0.0	7.10
70598	20.17	23.41	17.58	16.0	22.0	4.2	0.0	7.00
70698	20.82	23.52	18.17	16.0	22.0	4.8	0.0	6.91
70798	21.05	23.14	19.00	16.0	22.0	5.1	0.0	6.88
70898	21.41	23.94	19.15	16.0	22.0	5.4	0.0	6.83
70998	21.00	22.43	19.51	16.0	22.0	5.0	0.0	6.88
71098	20.99	21.73	20.01	16.0	22.0	5.0	0.0	6.88
71198	20.10	20.99	19.21	16.0	22.0	4.1	0.0	7.00
71298	20.29	20.94	19.53	16.0	22.0	4.3	0.0	6.98
71398	20.67	21.10	19.98	16.0	22.0	4.7	0.0	6.93
71498	20.91	21.41	20.17	16.0	22.0	4.9	0.0	6.89
71598	20.65	21.27	20.17	16.0	22.0	4.7	0.0	6.93
71798				16.0	22.0			
72098				16.0	22.0			
72298	24.91	25.94	23.09	16.0	22.0	8.9	2.9	7.97
72398	24.12	25.68	22.50	16.0	22.0	8.1	2.1	7.25
72498	24.19	25.79	22.73	16.0	22.0	8.2	2.2	7.11
72598	23.94	25.25	22.50	16.0	22.0	7.9	1.9	6.93
72698	24.40	25.81	22.75	16.0	22.0	8.4	2.4	6.79
72798	24.24	25.36	22.73	16.0	22.0	8.2	2.2	6.79
72898	24.17	25.48	22.50	16.0	22.0	8.2	2.2	6.81
72998	23.71	24.85	22.02	16.0	22.0	7.7	1.7	6.06
73098	23.21	24.56	21.47	16.0	22.0	7.2	1.2	6.10
73198	23.32	24.82	21.47	16.0	22.0	7.3	1.3	6.09
80198	23.61	25.16	21.83	16.0	22.0	7.6	1.6	6.05
80298	23.83	25.48	21.95	16.0	22.0	7.8	1.8	6.03
80398	24.30	25.93	22.30	16.0	22.0	8.3	2.3	5.95
80498	24.93	26.43	23.06	16.0	22.0	8.9	2.9	6.29
80598	24.58	25.42	23.05	16.0	22.0	8.6	2.6	6.37
80698	23.97	25.01	22.46	16.0	22.0	8.0	2.0	6.44
80798	23.62	24.79	22.05	16.0	22.0	7.6	1.6	6.52
80898	23.43	24.77	21.73	16.0	22.0	7.4	1.4	7.43
80998	23.89	25.27	22.23	16.0	22.0	7.9	1.9	7.05
81098	24.30	25.64	22.62	16.0	22.0	8.3	2.3	6.89
81198	24.35	25.72	22.64	16.0	22.0	8.3	2.3	6.88
81298	23.57	24.64	22.68	16.0	22.0	7.6	1.6	6.31

81998	23.00	23.80	22.00	16.0	22.0	7.0	1.0	6.51
82098	22.20	23.67	20.81	16.0	22.0	6.2	0.2	6.70
82198	22.16	23.62	20.53	16.0	22.0	6.2	0.2	6.62
82298	22.43	24.13	20.92	16.0	22.0	6.4	0.4	6.52
82398	21.99	23.76	20.27	16.0	22.0	6.0	0.0	6.49
82498	22.09	23.63	20.31	16.0	22.0	6.1	0.1	6.48
82598	22.40	23.96	20.71	16.0	22.0	6.4	0.4	6.29
82698	22.41	23.70	20.80	16.0	22.0	6.4	0.4	6.41
82798	22.30	23.65	20.68	16.0	22.0	6.3	0.3	7.18
82898	22.30	23.52	20.77	16.0	22.0	6.3	0.3	7.36
82998	22.13	23.21	20.59	16.0	22.0	6.1	0.1	7.32
83098	22.48	23.85	20.84	16.0	22.0	6.5	0.5	7.40
83198	22.94	24.32	21.33	16.0	22.0	6.9	0.9	7.21
90198	22.99	24.16	21.42	16.0	22.0	7.0	1.0	7.07
90298	22.25	23.45	21.34	16.0	22.0	6.2	0.2	7.10
90998	21.24	21.87	20.43	16.0	22.0	5.2	0.0	7.33
91098	19.96	21.26	18.59	16.0	22.0	4.0	0.0	7.84
91198	20.03	21.57	18.42	16.0	22.0	4.0	0.0	7.81
91298	20.68	22.25	19.06	16.0	22.0	4.7	0.0	7.68
91398	21.06	22.46	19.49	16.0	22.0	5.1	0.0	7.53
91498	21.23	22.69	19.64	16.0	22.0	5.2	0.0	7.40
91598	21.27	22.50	19.90	16.0	22.0	5.3	0.0	7.30
91698	20.75	21.98	19.35	16.0	22.0	4.8	0.0	7.43
91798	19.80	20.73	18.69	16.0	22.0	3.8	0.0	7.88
91898	18.78	19.62	18.10	16.0	22.0	2.8	0.0	8.09
91998	18.27	19.55	17.10	16.0	22.0	2.3	0.0	8.25
92098	18.40	19.84	17.02	16.0	22.0	2.4	0.0	8.11
92198	18.52	19.89	17.08	16.0	22.0	2.5	0.0	8.06
92298	18.51	19.88	17.00	16.0	22.0	2.5	0.0	7.97
92398	18.60	20.02	17.08	16.0	22.0	2.6	0.0	7.91
92498	18.57	19.96	17.08	16.0	22.0	2.6	0.0	7.78
92598	18.71	19.47	18.01	16.0	22.0	2.7	0.0	7.84
92698	18.03	19.21	16.83	16.0	22.0	2.0	0.0	7.81
92798	17.95	19.25	16.53	16.0	22.0	1.9	0.0	7.87
92898	18.65	19.90	17.54	16.0	22.0	2.7	0.0	7.58
92998	18.48	19.85	17.12	16.0	22.0	2.5	0.0	7.44
93098	18.33	19.51	17.05	16.0	22.0	2.3	0.0	7.47
100198	18.04	18.96	17.12	16.0	22.0	2.0	0.0	7.55
100298	17.24	17.99	16.54	16.0	22.0	1.2	0.0	7.68
100398	16.05	16.90	15.37	16.0	22.0	0.0	0.0	7.87
100498	15.78	16.86	14.78	16.0	22.0	0.0	0.0	7.92
100598	15.63	16.71	14.45	16.0	22.0	0.0	0.0	7.94
100698	15.53	16.48	14.40	16.0	22.0	0.0	0.0	7.96
100798	15.53	16.58	14.40	16.0	22.0	0.0	0.0	7.96

100898	15.90	16.59	15.32	16.0	22.0	0.0	0.0	7.91
100998	15.05	15.74	14.37	16.0	22.0	0.0	0.0	8.46
101098	14.86	15.74	14.04	16.0	22.0	0.0	0.0	8.58
101198	14.58	15.40	13.72	16.0	22.0	0.0	0.0	8.66
101298	14.30	14.95	13.46	16.0	22.0	0.0	0.0	8.75
101398	14.95	15.97	14.22	16.0	22.0	0.0	0.0	8.80
101498	14.84	15.54	14.23	16.0	22.0	0.0	0.0	8.82
101598	13.76	14.39	13.06	16.0	22.0	0.0	0.0	8.85
101698	13.13	14.04	12.16	16.0	22.0	0.0	0.0	9.20
101798	12.77	13.71	11.72	16.0	22.0	0.0	0.0	9.27
101898	12.99	14.09	11.89	16.0	22.0	0.0	0.0	9.23
101998	13.16	14.14	12.14	16.0	22.0	0.0	0.0	9.19
102098	13.04	14.03	12.03	16.0	22.0	0.0	0.0	9.21
102198	12.73	13.68	11.69	16.0	22.0	0.0	0.0	9.28
102298	12.81	13.81	11.72	16.0	22.0	0.0	0.0	9.57
102398	12.68	13.48	11.72	16.0	22.0	0.0	0.0	9.54
102498	13.03	13.68	12.43	16.0	22.0	0.0	0.0	9.20
102598	13.04	13.88	12.38	16.0	22.0	0.0	0.0	9.20
102698	12.65	13.56	11.84	16.0	22.0	0.0	0.0	9.28
102798	12.41	13.10	11.53	16.0	22.0	0.0	0.0	9.33
102898	12.80	13.59	12.13	16.0	22.0	0.0	0.0	9.25
102998	11.98	12.63	11.28	16.0	22.0	0.0	0.0	9.42
103098	10.83	11.46	10.07	16.0	22.0	0.0	0.0	9.67
103198	9.97	10.43	9.61	16.0	22.0	0.0	0.0	9.87
110198	10.52	11.36	9.75	16.0	22.0	0.0	0.0	9.75
110298	10.99	11.56	10.67	16.0	22.0	0.0	0.0	9.64
110398	10.82	11.28	10.36	16.0	22.0	0.0	0.0	9.68
110498	11.40	11.94	10.95	16.0	22.0	0.0	0.0	9.55
110598	11.10	11.64	10.66	16.0	22.0	0.0	0.0	9.61
110698	10.21	10.54	9.85	16.0	22.0	0.0	0.0	9.82
110798	9.53	9.80	8.98	16.0	22.0	0.0	0.0	9.98
110898	9.54	10.02	9.11	16.0	22.0	0.0	0.0	9.97
110998	9.27	9.59	8.93	16.0	22.0	0.0	0.0	10.04
111098	8.89	9.13	8.54	16.0	22.0	0.0	0.0	10.13
111198	9.38	9.98	9.02	16.0	22.0	0.0	0.0	10.01
111298	9.05	9.49	8.72	16.0	22.0	0.0	0.0	10.09
111398	9.25	9.84	8.74	16.0	22.0	0.0	0.0	10.04
111498	9.27	9.69	9.02	16.0	22.0	0.0	0.0	10.04
111598	9.62	10.32	9.02	16.0	22.0	0.0	0.0	9.95
111698	10.10	10.48	9.82	16.0	22.0	0.0	0.0	9.84
111798	9.59	9.91	9.27	16.0	22.0	0.0	0.0	9.96
111898	9.30	9.78	8.94	16.0	22.0	0.0	0.0	10.03
111998	8.73	9.14	8.43	16.0	22.0	0.0	0.0	10.17
112098	8.39	8.55	8.19	16.0	22.0	0.0	0.0	10.25

112198	8.06	8.43	7.56	16.0	22.0	0.0	0.0	10.33
112298	7.56	7.78	7.32	16.0	22.0	0.0	0.0	10.46
112398	7.97	8.18	7.79	16.0	22.0	0.0	0.0	10.36
112498	7.53	7.88	7.30	16.0	22.0	0.0	0.0	10.47
112598	7.84	8.11	7.60	16.0	22.0	0.0	0.0	10.39
112698	8.02	8.12	7.81	16.0	22.0	0.0	0.0	10.34
112798	7.95	8.04	7.82	16.0	22.0	0.0	0.0	10.36
112898	7.59	7.81	7.23	16.0	22.0	0.0	0.0	10.45
112998	7.13	7.25	6.97	16.0	22.0	0.0	0.0	10.57
113098	7.16	7.36	6.89	16.0	22.0	0.0	0.0	10.56
				SUM		437	51	

Dissolved Oxygen (mg/L)				Chronic	Acute
Maximum	Minimum	Chronic	Acute	DO Days	DO Days
10.44	10.12	7.0	5.5	0.0	0.0
10.36	10.08	7.0	5.5	0.0	0.0
10.39	10.08	7.0	5.5	0.0	0.0
10.42	10.01	7.0	5.5	0.0	0.0
10.34	10.06	7.0	5.5	0.0	0.0
10.40	9.42	7.0	5.5	0.0	0.0
9.59	9.32	7.0	5.5	0.0	0.0
9.51	9.35	7.0	5.5	0.0	0.0
9.61	9.39	7.0	5.5	0.0	0.0
9.67	9.51	7.0	5.5	0.0	0.0
9.73	9.46	7.0	5.5	0.0	0.0
9.71	9.39	7.0	5.5	0.0	0.0
9.60	9.25	7.0	5.5	0.0	0.0
9.58	9.18	7.0	5.5	0.0	0.0
9.46	9.08	7.0	5.5	0.0	0.0
9.30	9.02	7.0	5.5	0.0	0.0
9.29	8.90	7.0	5.5	0.0	0.0
9.20	8.84	7.0	5.5	0.0	0.0
9.04	8.70	7.0	5.5	0.0	0.0
8.92	8.75	7.0	5.5	0.0	0.0
9.07	8.84	7.0	5.5	0.0	0.0
9.18	9.02	7.0	5.5	0.0	0.0
9.30	9.01	7.0	5.5	0.0	0.0
9.18	8.81	7.0	5.5	0.0	0.0
8.96	8.60	7.0	5.5	0.0	0.0
8.78	8.51	7.0	5.5	0.0	0.0
10.03	8.57	7.0	5.5	0.0	0.0
10.52	9.88	7.0	5.5	0.0	0.0
10.66	9.94	7.0	5.5	0.0	0.0
10.65	9.96	7.0	5.5	0.0	0.0
10.71	9.88	7.0	5.5	0.0	0.0
10.38	9.80	7.0	5.5	0.0	0.0
10.49	9.76	7.0	5.5	0.0	0.0
10.17	9.45	7.0	5.5	0.0	0.0
10.01	9.13	7.0	5.5	0.0	0.0
9.98	9.27	7.0	5.5	0.0	0.0
10.16	9.50	7.0	5.5	0.0	0.0
10.15	9.43	7.0	5.5	0.0	0.0
9.77	9.32	7.0	5.5	0.0	0.0
9.75	9.21	7.0	5.5	0.0	0.0

9.68	7.84	7.0	5.5	0.0	0.0
8.85	7.21	7.0	5.5	0.0	0.0
9.13	6.90	7.0	5.5	0.0	0.0
8.18	7.04	7.0	5.5	0.0	0.0
7.96	6.97	7.0	5.5	0.0	0.0
8.53	7.60	7.0	5.5	0.0	0.0
7.80	7.32	7.0	5.5	0.0	0.0
7.52	7.14	7.0	5.5	0.0	0.0
8.16	7.23	7.0	5.5	0.0	0.0
7.92	6.77	7.0	5.5	0.0	0.0
9.14	6.68	7.0	5.5	0.0	0.0
8.35	7.75	7.0	5.5	0.0	0.0
8.05	7.58	7.0	5.5	0.0	0.0
7.77	7.02	7.0	5.5	0.0	0.0
9.76	6.88	7.0	5.5	0.0	0.0
9.35	8.90	7.0	5.5	0.0	0.0
9.56	8.92	7.0	5.5	0.0	0.0
9.35	8.58	7.0	5.5	0.0	0.0
9.28	8.31	7.0	5.5	0.0	0.0
10.10	8.36	7.0	5.5	0.0	0.0
10.01	9.13	7.0	5.5	0.0	0.0
9.93	9.20	7.0	5.5	0.0	0.0
9.92	9.16	7.0	5.5	0.0	0.0
9.89	8.77	7.0	5.5	0.0	0.0
9.56	8.77	7.0	5.5	0.0	0.0
9.42	8.64	7.0	5.5	0.0	0.0
9.63	8.56	7.0	5.5	0.0	0.0
9.63	8.67	7.0	5.5	0.0	0.0
9.03	8.46	7.0	5.5	0.0	0.0
8.80	7.63	7.0	5.5	0.0	0.0
8.13	7.22	7.0	5.5	0.0	0.0
7.96	7.75	7.0	5.5	0.0	0.0
7.98	7.78	7.0	5.5	0.0	0.0
7.95	7.73	7.0	5.5	0.0	0.0
8.02	7.78	7.0	5.5	0.0	0.0
8.05	7.74	7.0	5.5	0.0	0.0
7.90	7.65	7.0	5.5	0.0	0.0
7.95	7.70	7.0	5.5	0.0	0.0
7.93	7.62	7.0	5.5	0.0	0.0
7.84	7.54	7.0	5.5	0.0	0.0
7.79	7.56	7.0	5.5	0.0	0.0
7.81	7.51	7.0	5.5	0.0	0.0
9.36	7.61	7.0	5.5	0.0	0.0
10.04	8.69	7.0	5.5	0.0	0.0

10.13	8.42	7.0	5.5	0.0	0.0
9.86	7.83	7.0	5.5	0.0	0.0
9.42	7.48	7.0	5.5	0.0	0.0
9.18	7.22	7.0	5.5	0.0	0.0
8.72	7.06	7.0	5.5	0.0	0.0
9.32	6.94	7.0	5.5	0.0	0.0
7.97	6.74	7.0	5.5	0.0	0.0
7.42	6.90	7.0	5.5	0.0	0.0
7.42	6.79	7.0	5.5	0.0	0.0
7.37	6.57	7.0	5.5	0.0	0.0
7.28	6.56	7.0	5.5	0.1	0.0
7.16	6.60	7.0	5.5	0.1	0.0
7.14	6.50	7.0	5.5	0.2	0.0
7.09	6.69	7.0	5.5	0.1	0.0
7.02	6.78	7.0	5.5	0.1	0.0
7.13	6.88	7.0	5.5	0.0	0.0
7.08	6.89	7.0	5.5	0.0	0.0
7.02	6.87	7.0	5.5	0.1	0.0
6.99	6.83	7.0	5.5	0.1	0.0
6.99	6.84	7.0	5.5	0.1	0.0
		7.0	5.5		
		7.0	5.5		
8.59	6.71	7.0	5.5	0.0	0.0
8.12	6.62	7.0	5.5	0.0	0.0
8.14	6.39	7.0	5.5	0.0	0.0
7.85	6.32	7.0	5.5	0.1	0.0
7.71	6.00	7.0	5.5	0.2	0.0
7.70	6.05	7.0	5.5	0.2	0.0
7.88	6.00	7.0	5.5	0.2	0.0
6.38	5.91	7.0	5.5	0.9	0.0
6.30	5.94	7.0	5.5	0.9	0.0
6.30	5.92	7.0	5.5	0.9	0.0
6.26	5.88	7.0	5.5	0.9	0.0
6.25	5.84	7.0	5.5	1.0	0.0
7.06	5.39	7.0	5.5	1.0	0.0
7.65	5.14	7.0	5.5	0.7	0.0
6.55	6.27	7.0	5.5	0.6	0.0
6.63	6.32	7.0	5.5	0.6	0.0
6.86	6.34	7.0	5.5	0.5	0.0
8.67	6.49	7.0	5.5	0.0	0.0
8.20	6.09	7.0	5.5	0.0	0.0
8.11	5.86	7.0	5.5	0.1	0.0
8.08	5.90	7.0	5.5	0.1	0.0
7.36	5.92	7.0	5.5	0.7	0.0

8.06	6.02	7.0	5.5	0.5	0.0
7.91	6.20	7.0	5.5	0.3	0.0
8.19	6.09	7.0	5.5	0.4	0.0
7.99	5.98	7.0	5.5	0.5	0.0
8.04	5.95	7.0	5.5	0.5	0.0
8.14	5.93	7.0	5.5	0.5	0.0
7.85	5.78	7.0	5.5	0.7	0.0
7.94	5.89	7.0	5.5	0.6	0.0
8.24	6.78	7.0	5.5	0.0	0.0
8.56	6.87	7.0	5.5	0.0	0.0
8.22	6.94	7.0	5.5	0.0	0.0
8.52	6.90	7.0	5.5	0.0	0.0
8.43	6.72	7.0	5.5	0.0	0.0
8.31	6.55	7.0	5.5	0.0	0.0
7.81	6.91	7.0	5.5	0.0	0.0
8.27	6.96	7.0	5.5	0.0	0.0
8.85	7.31	7.0	5.5	0.0	0.0
8.87	7.24	7.0	5.5	0.0	0.0
8.72	7.08	7.0	5.5	0.0	0.0
8.50	6.98	7.0	5.5	0.0	0.0
8.37	6.85	7.0	5.5	0.0	0.0
8.17	6.80	7.0	5.5	0.0	0.0
8.30	7.00	7.0	5.5	0.0	0.0
8.97	7.39	7.0	5.5	0.0	0.0
8.81	7.64	7.0	5.5	0.0	0.0
9.39	7.65	7.0	5.5	0.0	0.0
9.20	7.51	7.0	5.5	0.0	0.0
9.10	7.44	7.0	5.5	0.0	0.0
9.08	7.40	7.0	5.5	0.0	0.0
8.99	7.27	7.0	5.5	0.0	0.0
8.69	7.20	7.0	5.5	0.0	0.0
9.04	7.27	7.0	5.5	0.0	0.0
8.59	7.27	7.0	5.5	0.0	0.0
9.32	7.19	7.0	5.5	0.0	0.0
8.70	6.98	7.0	5.5	0.0	0.0
8.90	6.80	7.0	5.5	0.0	0.0
7.71	7.33	7.0	5.5	0.0	0.0
7.69	7.41	7.0	5.5	0.0	0.0
7.79	7.56	7.0	5.5	0.0	0.0
7.98	7.73	7.0	5.5	0.0	0.0
8.09	7.74	7.0	5.5	0.0	0.0
8.14	7.76	7.0	5.5	0.0	0.0
8.15	7.80	7.0	5.5	0.0	0.0
8.15	7.78	7.0	5.5	0.0	0.0

8.15	7.78	7.0	5.5	0.0	0.0
8.86	8.08	7.0	5.5	0.0	0.0
8.95	8.21	7.0	5.5	0.0	0.0
9.01	8.28	7.0	5.5	0.0	0.0
9.09	8.33	7.0	5.5	0.0	0.0
8.93	8.60	7.0	5.5	0.0	0.0
8.93	8.68	7.0	5.5	0.0	0.0
9.21	8.38	7.0	5.5	0.0	0.0
9.40	9.01	7.0	5.5	0.0	0.0
9.49	9.08	7.0	5.5	0.0	0.0
9.46	9.00	7.0	5.5	0.0	0.0
9.40	8.99	7.0	5.5	0.0	0.0
9.43	9.01	7.0	5.5	0.0	0.0
9.50	9.08	7.0	5.5	0.0	0.0
10.39	9.06	7.0	5.5	0.0	0.0
10.38	9.11	7.0	5.5	0.0	0.0
9.33	9.07	7.0	5.5	0.0	0.0
9.34	9.03	7.0	5.5	0.0	0.0
9.45	9.09	7.0	5.5	0.0	0.0
9.52	9.19	7.0	5.5	0.0	0.0
9.39	9.09	7.0	5.5	0.0	0.0
9.57	9.28	7.0	5.5	0.0	0.0
9.85	9.53	7.0	5.5	0.0	0.0
9.96	9.76	7.0	5.5	0.0	0.0
9.92	9.56	7.0	5.5	0.0	0.0
9.71	9.51	7.0	5.5	0.0	0.0
9.78	9.57	7.0	5.5	0.0	0.0
9.65	9.43	7.0	5.5	0.0	0.0
9.71	9.49	7.0	5.5	0.0	0.0
9.90	9.74	7.0	5.5	0.0	0.0
10.11	9.91	7.0	5.5	0.0	0.0
10.07	9.86	7.0	5.5	0.0	0.0
10.12	9.96	7.0	5.5	0.0	0.0
10.21	10.07	7.0	5.5	0.0	0.0
10.10	9.87	7.0	5.5	0.0	0.0
10.17	9.98	7.0	5.5	0.0	0.0
10.16	9.90	7.0	5.5	0.0	0.0
10.10	9.94	7.0	5.5	0.0	0.0
10.10	9.79	7.0	5.5	0.0	0.0
9.91	9.75	7.0	5.5	0.0	0.0
10.04	9.88	7.0	5.5	0.0	0.0
10.12	9.92	7.0	5.5	0.0	0.0
10.24	10.07	7.0	5.5	0.0	0.0
10.30	10.21	7.0	5.5	0.0	0.0

10.46	10.24	7.0	5.5	0.0	0.0
10.52	10.41	7.0	5.5	0.0	0.0
10.40	10.30	7.0	5.5	0.0	0.0
10.53	10.38	7.0	5.5	0.0	0.0
10.45	10.32	7.0	5.5	0.0	0.0
10.40	10.32	7.0	5.5	0.0	0.0
10.39	10.34	7.0	5.5	0.0	0.0
10.55	10.40	7.0	5.5	0.0	0.0
10.62	10.54	7.0	5.5	0.0	0.0
10.64	10.51	7.0	5.5	0.0	0.0
		SUM		15	0