

# Shasta River Datasonde Record

Date	Missing	Average	Temperature (°C)		Chronic	Acute	Chronic Degree-da
			Maximum	Minimum			
61098	****	19.85	20.71	19.18	16.0	22.0	3.8
61198		18.26	19.46	16.84	16.0	22.0	2.3
61298		19.47	21.21	17.66	16.0	22.0	3.5
61398		20.54	22.18	18.79	16.0	22.0	4.5
61498		20.05	21.36	18.19	16.0	22.0	4.1
61598		19.83	21.44	18.09	16.0	22.0	3.8
61698		18.61	19.94	16.70	16.0	22.0	2.6
61798	****	18.97	20.98	16.72	16.0	22.0	3.0
61898		20.19	22.31	18.16	16.0	22.0	4.2
61998		19.93	21.96	17.91	16.0	22.0	3.9
62098		20.46	22.73	18.23	16.0	22.0	4.5
62198		20.85	22.94	18.69	16.0	22.0	4.9
62298		20.96	23.10	18.91	16.0	22.0	5.0
62398		21.18	23.37	19.17	16.0	22.0	5.2
62498		19.73	21.28	19.08	16.0	22.0	3.7
62598		18.70	20.80	16.94	16.0	22.0	2.7
62698		18.30	20.71	16.25	16.0	22.0	2.3
62798		19.21	22.05	16.43	16.0	22.0	3.2
62898		20.37	22.97	17.85	16.0	22.0	4.4
62998		21.29	23.96	18.75	16.0	22.0	5.3
63098		21.56	24.13	19.41	16.0	22.0	5.6
70198		21.64	24.52	19.49	16.0	22.0	5.6
70298		21.36	23.03	19.88	16.0	22.0	5.4
70398		21.11	23.74	19.26	16.0	22.0	5.1
70498		20.90	23.86	18.37	16.0	22.0	4.9
70598		21.58	24.56	19.15	16.0	22.0	5.6
70698		22.59	25.74	20.03	16.0	22.0	6.6
70798		23.49	26.53	21.10	16.0	22.0	7.5
70898		24.04	27.05	21.70	16.0	22.0	8.0
70998		24.04	26.73	21.87	16.0	22.0	8.0
71098		22.86	25.30	21.07	16.0	22.0	6.9
71198		21.80	25.02	19.11	16.0	22.0	5.8
71298		22.30	25.71	19.72	16.0	22.0	6.3
71398		22.82	26.10	20.34	16.0	22.0	6.8
71498		23.00	26.35	20.25	16.0	22.0	7.0
71598		23.13	26.80	20.11	16.0	22.0	7.1
71698		23.70	27.83	20.19	16.0	22.0	7.7
71798		24.39	28.16	21.15	16.0	22.0	8.4
71898		23.95	27.50	20.66	16.0	22.0	7.9
71998		24.11	27.81	20.82	16.0	22.0	8.1

72098	24.70	28.57	21.27	16.0	22.0	8.7
72198	25.59	29.24	22.28	16.0	22.0	9.6
72298	25.86	28.90	23.13	16.0	22.0	9.9
72398	25.33	28.26	22.74	16.0	22.0	9.3
72498	25.04	28.81	22.21	16.0	22.0	9.0
72598	24.86	28.20	22.00	16.0	22.0	8.9
72698	25.29	28.71	22.34	16.0	22.0	9.3
72798	24.92	28.14	21.86	16.0	22.0	8.9
72898	24.73	28.20	21.73	16.0	22.0	8.7
72998	23.90	26.93	21.13	16.0	22.0	7.9
73098	23.17	26.25	20.40	16.0	22.0	7.2
73198	22.99	26.23	20.23	16.0	22.0	7.0
80198	23.07	26.80	19.83	16.0	22.0	7.1
80298	23.32	27.22	19.80	16.0	22.0	7.3
80398	24.13	27.95	20.70	16.0	22.0	8.1
80498	24.76	28.49	21.54	16.0	22.0	8.8
80598	24.54	27.59	21.66	16.0	22.0	8.5
80698	24.07	27.40	21.08	16.0	22.0	8.1
80798	22.97	26.38	19.93	16.0	22.0	7.0
80898	22.99	26.65	19.79	16.0	22.0	7.0
80998	23.42	26.83	20.43	16.0	22.0	7.4
81098	23.68	27.20	20.36	16.0	22.0	7.7
81198	23.78	27.28	20.51	16.0	22.0	7.8
81298	24.21	27.95	20.80	16.0	22.0	8.2
81398	25.12	28.77	21.83	16.0	22.0	9.1
81498	25.24	28.49	22.43	16.0	22.0	9.2
81598	24.49	27.43	21.81	16.0	22.0	8.5
81698	22.72	25.78	20.01	16.0	22.0	6.7
81798	21.60	24.87	18.62	16.0	22.0	5.6
81898	21.25	24.76	18.01	16.0	22.0	5.2
81998	21.43	24.74	18.21	16.0	22.0	5.4
82098	21.23	23.46	19.19	16.0	22.0	5.2
82198	21.55	24.94	18.60	16.0	22.0	5.5
82298	21.71	24.62	18.82	16.0	22.0	5.7
82398	20.82	23.93	18.06	16.0	22.0	4.8
82498	21.09	24.67	17.81	16.0	22.0	5.1
82598	21.53	24.43	18.68	16.0	22.0	5.5
82698	21.23	24.45	18.30	16.0	22.0	5.2
82798	21.22	24.56	18.04	16.0	22.0	5.2
82898	21.36	24.89	18.04	16.0	22.0	5.4
82998	21.64	24.86	18.40	16.0	22.0	5.6
83098	22.24	25.56	19.15	16.0	22.0	6.2
83198	22.45	25.82	19.18	16.0	22.0	6.5

90198	22.45	25.86	19.11	16.0	22.0	6.4
90298	22.88	26.31	19.60	16.0	22.0	6.9
90398	23.13	26.45	19.98	16.0	22.0	7.1
90498	23.50	26.77	20.48	16.0	22.0	7.5
90598	23.09	25.24	21.01	16.0	22.0	7.1
90698	21.85	24.34	19.23	16.0	22.0	5.9
90798	22.03	23.31	20.72	16.0	22.0	6.0
90898	20.64	22.44	18.65	16.0	22.0	4.6
90998	19.07	20.36	18.03	16.0	22.0	3.1
91098	18.27	21.01	16.00	16.0	22.0	2.3
91198	18.42	21.47	15.77	16.0	22.0	2.4
91298	19.18	22.11	16.64	16.0	22.0	3.2
91398	19.64	22.56	17.08	16.0	22.0	3.6
91498	19.95	22.93	17.30	16.0	22.0	3.9
91598	20.27	23.09	17.67	16.0	22.0	4.3
91698	19.94	22.39	17.53	16.0	22.0	3.9
91798	18.86	20.99	16.88	16.0	22.0	2.9
91898	17.18	18.72	15.86	16.0	22.0	1.2
91998	16.30	18.36	14.27	16.0	22.0	0.3
92098	16.14	18.79	13.78	16.0	22.0	0.1
92198	16.38	18.99	14.18	16.0	22.0	0.4
92298	16.16	18.84	13.75	16.0	22.0	0.2
92398	16.29	18.79	13.86	16.0	22.0	0.3
92498	16.38	18.77	14.07	16.0	22.0	0.4
92598	16.81	18.11	15.93	16.0	22.0	0.8
92698	15.58	17.13	13.94	16.0	22.0	0.0
92798	15.90	18.31	14.19	16.0	22.0	0.0
92898	15.95	17.84	14.70	16.0	22.0	0.0
92998	16.19	18.40	14.58	16.0	22.0	0.2
93098	16.40	18.67	14.80	16.0	22.0	0.4
100198	16.43	18.53	15.23	16.0	22.0	0.4
100298	15.43	16.49	14.57	16.0	22.0	0.0
100398	14.27	15.41	13.46	16.0	22.0	0.0
100498	13.28	15.04	11.98	16.0	22.0	0.0
100598	12.99	14.88	11.60	16.0	22.0	0.0
100698	12.92	14.73	11.50	16.0	22.0	0.0
100798	13.25	15.08	11.97	16.0	22.0	0.0
100898	13.84	15.03	13.12	16.0	22.0	0.0
100998	13.29	14.34	12.36	16.0	22.0	0.0
101098	12.61	14.04	11.65	16.0	22.0	0.0
101198	12.34	13.33	11.52	16.0	22.0	0.0
101298	12.19	13.13	11.29	16.0	22.0	0.0
101398	12.70	13.38	12.18	16.0	22.0	0.0

101498	12.56	13.46	11.70	16.0	22.0	0.0
101598	11.71	12.69	10.73	16.0	22.0	0.0
101698	10.78	11.99	9.53	16.0	22.0	0.0
101798	10.29	11.64	8.92	16.0	22.0	0.0
101898	10.77	12.16	9.48	16.0	22.0	0.0
101998	11.26	12.51	10.12	16.0	22.0	0.0
102098	11.19	12.36	9.92	16.0	22.0	0.0
102198	10.87	12.04	9.43	16.0	22.0	0.0
102298	11.01	12.28	9.69	16.0	22.0	0.0
102398	10.98	12.13	9.59	16.0	22.0	0.0
102498	11.45	11.93	10.95	16.0	22.0	0.0
102598	11.49	12.60	10.78	16.0	22.0	0.0
102698	11.05	12.13	10.04	16.0	22.0	0.0
102798	10.87	11.72	9.61	16.0	22.0	0.0
102898	11.52	12.29	10.77	16.0	22.0	0.0
102998	10.81	11.71	9.82	16.0	22.0	0.0
103098	9.29	10.30	8.10	16.0	22.0	0.0
103198	8.12	9.22	7.73	16.0	22.0	0.0
110198	8.55	9.19	7.97	16.0	22.0	0.0
110298	8.52	9.29	7.89	16.0	22.0	0.0
110398	9.33	10.16	8.62	16.0	22.0	0.0
110498 ****	9.33	9.75	8.96	16.0	22.0	0.0
				SUM		610

Acute Degree-day Average	Dissolved Oxygen (mg/L)				Chronic DO Days	Acute DO Days
	Maximum	Minimum	Chronic	Acute		
0.0	6.26	6.63	5.91	7.0	5.5	0.7
0.0	6.88	7.45	6.33	7.0	5.5	0.1
0.0	6.62	7.01	6.09	7.0	5.5	0.4
0.0	6.61	6.89	6.08	7.0	5.5	0.4
0.0	6.72	6.97	6.55	7.0	5.5	0.3
0.0	6.75	6.99	6.54	7.0	5.5	0.3
0.0	6.92	7.19	6.73	7.0	5.5	0.1
0.0	6.87	7.19	6.59	7.0	5.5	0.1
0.0	6.70	6.98	6.43	7.0	5.5	0.3
0.0	6.74	7.01	6.47	7.0	5.5	0.3
0.0	6.67	6.97	6.38	7.0	5.5	0.3
0.0	6.61	6.90	6.35	7.0	5.5	0.4
0.0	6.60	6.87	6.33	7.0	5.5	0.4
0.0	6.57	6.84	6.30	7.0	5.5	0.4
0.0	7.22	8.26	6.56	7.0	5.5	0.0
0.0	8.32	8.95	7.38	7.0	5.5	0.0
0.0	8.38	9.12	7.68	7.0	5.5	0.0
0.0	8.00	8.84	7.20	7.0	5.5	0.0
0.0	7.58	8.27	6.92	7.0	5.5	0.0
0.0	7.20	7.92	6.54	7.0	5.5	0.0
0.0	6.99	7.69	6.49	7.0	5.5	0.0
0.0	7.60	8.61	6.90	7.0	5.5	0.0
0.0	8.12	8.61	7.77	7.0	5.5	0.0
0.0	8.07	8.70	7.62	7.0	5.5	0.0
0.0	8.00	8.80	7.29	7.0	5.5	0.0
0.0	7.68	8.39	6.91	7.0	5.5	0.0
0.6	7.28	7.93	6.54	7.0	5.5	0.0
1.5	7.06	7.69	6.41	7.0	5.5	0.0
2.0	6.74	7.54	6.16	7.0	5.5	0.3
2.0	6.52	6.79	6.20	7.0	5.5	0.5
0.9	6.66	6.89	6.36	7.0	5.5	0.3
0.0	6.80	7.16	6.39	7.0	5.5	0.2
0.3	6.74	7.08	6.31	7.0	5.5	0.3
0.8	6.67	6.99	6.27	7.0	5.5	0.3
1.0	6.65	7.00	6.24	7.0	5.5	0.4
1.1	7.03	7.95	6.65	7.0	5.5	0.0
1.7	7.28	8.15	6.27	7.0	5.5	0.0
2.4	6.96	7.84	6.12	7.0	5.5	0.0
1.9	6.73	7.55	5.83	7.0	5.5	0.3
2.1	6.54	7.35	5.89	7.0	5.5	0.5

2.7	6.66	7.47	5.87	7.0	5.5	0.3	0.0
3.6	6.43	7.24	5.70	7.0	5.5	0.6	0.0
3.9	6.58	7.57	5.84	7.0	5.5	0.4	0.0
3.3	6.66	7.44	5.92	7.0	5.5	0.3	0.0
3.0	6.40	7.32	5.56	7.0	5.5	0.6	0.0
2.9	6.22	7.04	5.43	7.0	5.5	0.8	0.0
3.3	5.95	6.82	5.17	7.0	5.5	1.1	0.0
2.9	5.94	6.74	5.21	7.0	5.5	1.1	0.0
2.7	5.97	6.93	5.21	7.0	5.5	1.0	0.0
1.9	6.11	7.08	5.29	7.0	5.5	0.9	0.0
1.2	6.50	7.56	5.81	7.0	5.5	0.5	0.0
1.0	6.39	7.32	5.42	7.0	5.5	0.6	0.0
1.1	6.12	7.10	5.01	7.0	5.5	0.9	0.0
1.3	5.80	6.78	4.82	7.0	5.5	1.2	0.0
2.1	5.65	6.71	4.64	7.0	5.5	1.3	0.0
2.8	5.47	6.50	4.80	7.0	5.5	1.5	0.0
2.5	5.96	7.23	5.06	7.0	5.5	1.0	0.0
2.1	6.17	7.13	5.21	7.0	5.5	0.8	0.0
1.0	6.06	7.06	5.12	7.0	5.5	0.9	0.0
1.0	6.05	6.81	5.42	7.0	5.5	0.9	0.0
1.4	6.13	6.48	5.75	7.0	5.5	0.9	0.0
1.7	6.10	6.49	5.71	7.0	5.5	0.9	0.0
1.8	6.09	6.47	5.70	7.0	5.5	0.9	0.0
2.2	6.04	6.44	5.63	7.0	5.5	1.0	0.0
3.1	6.09	6.51	5.55	7.0	5.5	0.9	0.0
3.2	7.07	7.95	6.36	7.0	5.5	0.0	0.0
2.5	7.09	7.96	6.21	7.0	5.5	0.0	0.0
0.7	7.39	8.28	6.59	7.0	5.5	0.0	0.0
0.0	7.65	8.64	6.74	7.0	5.5	0.0	0.0
0.0	7.66	8.82	6.66	7.0	5.5	0.0	0.0
0.0	7.41	9.03	5.99	7.0	5.5	0.0	0.0
0.0	6.70	7.35	6.11	7.0	5.5	0.3	0.0
0.0	6.52	7.25	5.82	7.0	5.5	0.5	0.0
0.0	6.45	7.16	5.96	7.0	5.5	0.6	0.0
0.0	6.51	7.21	5.96	7.0	5.5	0.5	0.0
0.0	6.53	7.26	5.79	7.0	5.5	0.5	0.0
0.0	6.45	7.13	5.86	7.0	5.5	0.5	0.0
0.0	6.59	7.34	6.16	7.0	5.5	0.4	0.0
0.0	6.56	6.98	6.15	7.0	5.5	0.4	0.0
0.0	6.67	7.16	6.11	7.0	5.5	0.3	0.0
0.0	7.67	8.63	6.63	7.0	5.5	0.0	0.0
0.2	7.21	8.08	6.32	7.0	5.5	0.0	0.0
0.5	7.04	7.98	6.01	7.0	5.5	0.0	0.0

0.4	6.85	7.79	5.90	7.0	5.5	0.2	0.0
0.9	7.12	8.20	6.25	7.0	5.5	0.0	0.0
1.1	7.14	7.96	6.29	7.0	5.5	0.0	0.0
1.5	6.68	7.56	5.72	7.0	5.5	0.3	0.0
1.1	6.37	7.13	5.74	7.0	5.5	0.6	0.0
0.0	6.51	7.36	5.69	7.0	5.5	0.5	0.0
0.0	6.19	6.84	5.76	7.0	5.5	0.8	0.0
0.0	6.38	7.15	5.95	7.0	5.5	0.6	0.0
0.0	6.48	6.69	6.13	7.0	5.5	0.5	0.0
0.0	6.71	7.03	6.35	7.0	5.5	0.3	0.0
0.0	6.69	7.06	6.29	7.0	5.5	0.3	0.0
0.0	6.59	6.93	6.21	7.0	5.5	0.4	0.0
0.0	6.53	6.87	6.16	7.0	5.5	0.5	0.0
0.0	6.49	6.84	6.12	7.0	5.5	0.5	0.0
0.0	7.29	8.48	6.45	7.0	5.5	0.0	0.0
0.0	7.53	8.42	6.68	7.0	5.5	0.0	0.0
0.0	7.34	8.11	6.69	7.0	5.5	0.0	0.0
0.0	7.92	8.53	7.40	7.0	5.5	0.0	0.0
0.0	8.14	9.00	7.41	7.0	5.5	0.0	0.0
0.0	8.09	9.02	7.13	7.0	5.5	0.0	0.0
0.0	7.90	8.74	6.96	7.0	5.5	0.0	0.0
0.0	7.84	8.79	6.82	7.0	5.5	0.0	0.0
0.0	7.59	8.62	7.05	7.0	5.5	0.0	0.0
0.0	7.42	7.79	7.05	7.0	5.5	0.0	0.0
0.0	7.34	7.48	7.15	7.0	5.5	0.0	0.0
0.0	7.54	7.81	7.29	7.0	5.5	0.0	0.0
0.0	7.49	7.76	7.12	7.0	5.5	0.0	0.0
0.0	7.48	7.68	7.19	7.0	5.5	0.0	0.0
0.0	7.44	7.70	7.10	7.0	5.5	0.0	0.0
0.0	7.59	8.31	7.19	7.0	5.5	0.0	0.0
0.0	7.85	8.53	7.26	7.0	5.5	0.0	0.0
0.0	8.23	8.78	7.84	7.0	5.5	0.0	0.0
0.0	8.63	9.25	8.22	7.0	5.5	0.0	0.0
0.0	9.08	9.86	8.40	7.0	5.5	0.0	0.0
0.0	9.19	10.02	8.38	7.0	5.5	0.0	0.0
0.0	9.13	9.96	8.34	7.0	5.5	0.0	0.0
0.0	8.83	9.72	8.36	7.0	5.5	0.0	0.0
0.0	8.59	8.73	8.37	7.0	5.5	0.0	0.0
0.0	8.70	8.88	8.50	7.0	5.5	0.0	0.0
0.0	8.83	9.02	8.55	7.0	5.5	0.0	0.0
0.0	8.88	9.05	8.69	7.0	5.5	0.0	0.0
0.0	8.91	9.10	8.73	7.0	5.5	0.0	0.0
0.0	8.81	8.91	8.68	7.0	5.5	0.0	0.0

0.0	8.84	9.01	8.66	7.0	5.5	0.0	0.0
0.0	9.01	9.22	8.81	7.0	5.5	0.0	0.0
0.0	9.21	9.48	8.95	7.0	5.5	0.0	0.0
0.0	9.31	9.62	9.02	7.0	5.5	0.0	0.0
0.0	9.21	9.49	8.92	7.0	5.5	0.0	0.0
0.0	9.10	9.35	8.85	7.0	5.5	0.0	0.0
0.0	9.12	9.39	8.88	7.0	5.5	0.0	0.0
0.0	9.19	9.50	8.94	7.0	5.5	0.0	0.0
0.0	9.16	9.44	8.89	7.0	5.5	0.0	0.0
0.0	9.26	9.86	8.92	7.0	5.5	0.0	0.0
0.0	10.09	10.77	9.75	7.0	5.5	0.0	0.0
0.0	10.12	10.77	9.60	7.0	5.5	0.0	0.0
0.0	10.24	11.13	9.59	7.0	5.5	0.0	0.0
0.0	10.27	11.38	9.69	7.0	5.5	0.0	0.0
0.0	9.98	10.89	9.63	7.0	5.5	0.0	0.0
0.0	10.24	11.07	9.76	7.0	5.5	0.0	0.0
0.0	10.98	12.10	10.28	7.0	5.5	0.0	0.0
0.0	11.44	11.86	10.73	7.0	5.5	0.0	0.0
0.0	11.27	11.84	10.78	7.0	5.5	0.0	0.0
0.0	11.22	11.79	10.70	7.0	5.5	0.0	0.0
0.0	10.80	11.47	10.34	7.0	5.5	0.0	0.0
0.0	10.75	11.11	10.42	7.0	5.5	0.0	0.0
87				SUM		38	0