

## 2013 Chelan River 1st Quarter Hourly Temperature Data

Date	Hour	Low Level Outlet Pipe -Auto- (Deg. C)	Top of Reach 1 -Logger- (Deg. C)	End of Reach 1 -Logger- (Deg. C)	End of Reach 3 -Logger- (Deg. C)	Top of Reach 4 -Logger- (Deg. C)	End of Reach 4 -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
1/1/2013	1	6.0	5.6	5.1	4.7	4.7	4.7	6.5	6.0
1/1/2013	2	5.9	5.6	5.1	4.7	4.7	4.6	6.5	6.0
1/1/2013	3	5.9	5.6	5.0	4.6	4.6	4.6	6.5	6.0
1/1/2013	4	5.9	5.5	4.9	4.5	4.6	4.5	6.4	6.0
1/1/2013	5	5.9	5.5	4.9	4.5	4.5	4.4	6.4	5.9
1/1/2013	6	5.9	5.4	4.8	4.4	4.4	4.4	6.3	5.9
1/1/2013	7	5.8	5.4	4.7	4.4	4.4	4.3	6.3	5.9
1/1/2013	8	5.8	5.4	4.6	4.3	4.3	4.3	6.2	5.8
1/1/2013	9	5.7	5.3	4.6	4.2	4.3	4.2	6.2	5.8
1/1/2013	10	5.7	5.3	4.6	4.2	4.2	4.2	6.2	5.7
1/1/2013	11	5.6	5.2	4.7	4.2	4.1	4.1	6.1	5.7
1/1/2013	12	5.6	5.3	4.8	4.2	4.2	4.1	6.1	5.6
1/1/2013	13	5.6	5.3	5.0	4.3	4.2	4.2	6.1	5.6
1/1/2013	14	5.6	5.2	5.0	4.4	4.3	4.2	6.1	5.6
1/1/2013	15	5.6	5.2	5.1	4.4	4.4	4.3	6.1	5.6
1/1/2013	16	5.6	5.2	5.1	4.5	4.5	4.4	6.1	5.6
1/1/2013	17	5.6	5.2	4.9	4.5	4.5	4.4	6.1	5.6
1/1/2013	18	5.6	5.2	4.8	4.5	4.5	4.4	6.1	5.6
1/1/2013	19	5.6	5.2	4.7	4.5	4.5	4.4	6.1	5.6
1/1/2013	20	5.6	5.1	4.7	4.4	4.4	4.4	6.1	5.6
1/1/2013	21	5.5	5.2	4.6	4.3	4.4	4.3	6.1	5.6
1/1/2013	22	5.5	5.1	4.6	4.2	4.3	4.2	6.1	5.6
1/1/2013	23	5.5	5.1	4.6	4.2	4.2	4.2	6.1	5.6
1/1/2013	24	5.6	5.1	4.6	4.1	4.2	4.1	6.1	5.6
1/2/2013	1	5.6	5.2	4.7	4.1	4.2	4.1	6.1	5.6
1/2/2013	2	5.6	5.2	4.7	4.1	4.2	4.1	6.1	5.6
1/2/2013	3	5.6	5.2	4.6	4.1	4.2	4.1	6.1	5.7
1/2/2013	4	5.6	5.2	4.6	4.1	4.2	4.1	6.1	5.7
1/2/2013	5	5.6	5.2	4.6	4.2	4.2	4.1	6.1	5.7
1/2/2013	6	5.6	5.2	4.6	4.1	4.2	4.1	6.1	5.6
1/2/2013	7	5.5	5.2	4.6	4.1	4.1	4.1	6.0	5.6
1/2/2013	8	5.5	5.2	4.6	4.1	4.1	4.1	6.0	5.5
1/2/2013	9	5.5	5.1	4.7	4.1	4.2	4.1	6.0	5.5
1/2/2013	10	5.5	5.1	4.7	4.1	4.2	4.1	6.0	5.5
1/2/2013	11	5.5	5.1	4.7	4.2	4.2	4.1	6.0	5.5
1/2/2013	12	5.5	5.1	4.8	4.2	4.2	4.2	6.0	5.5
1/2/2013	13	5.5	5.1	4.9	4.3	4.3	4.2	6.0	5.5
1/2/2013	14	5.5	5.1	5.1	4.4	4.4	4.3	6.0	5.5
1/2/2013	15	5.5	5.2	5.1	4.5	4.4	4.4	6.0	5.5
1/2/2013	16	5.5	5.2	5.1	4.5	4.5	4.5	6.0	5.6
1/2/2013	17	5.5	5.2	5.1	4.6	4.6	4.6	6.1	5.6
1/2/2013	18	5.5	5.2	4.9	4.6	4.7	4.6	6.1	5.6
1/2/2013	19	5.5	5.2	4.9	4.6	4.7	4.6	6.1	5.6
1/2/2013	20	5.5	5.2	4.8	4.6	4.6	4.6	6.0	5.6
1/2/2013	21	5.5	5.2	4.8	4.5	4.5	4.5	6.0	5.6
1/2/2013	22	5.5	5.2	4.8	4.5	4.5	4.5	6.0	5.6

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Date	Hour	Low Level Outlet Pipe -Auto- (Deg. C)	Top of Reach 1 -Logger- (Deg. C)	End of Reach 1 -Logger- (Deg. C)	End of Reach 3 -Logger- (Deg. C)	Top of Reach 4 -Logger- (Deg. C)	End of Reach 4 -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
1/2/2013	23	5.5	5.2	4.8	4.4	4.5	4.4	6.0	5.5
1/2/2013	24	5.5	5.2	4.8	4.4	4.4	4.4	6.0	5.5
1/3/2013	1	5.5	5.1	4.8	4.4	4.4	4.4	6.0	5.5
1/3/2013	2	5.4	5.1	4.9	4.4	4.4	4.4	6.0	5.5
1/3/2013	3	5.4	5.1	4.9	4.4	4.4	4.4	5.9	5.5
1/3/2013	4	5.4	5.1	4.8	4.4	4.4	4.4	5.9	5.5
1/3/2013	5	5.4	5.1	4.8	4.4	4.4	4.4	5.9	5.4
1/3/2013	6	5.4	5.0	4.8	4.4	4.4	4.4	5.8	5.4
1/3/2013	7	5.4	5.0	4.7	4.3	4.4	4.4	5.8	5.3
1/3/2013	8	5.3	5.0	4.7	4.3	4.4	4.3	5.8	5.3
1/3/2013	9	5.3	4.9	4.7	4.3	4.3	4.3	5.7	5.3
1/3/2013	10	5.3	4.9	4.7	4.2	4.3	4.3	5.7	5.2
1/3/2013	11	5.3	4.9	4.7	4.3	4.3	4.2	5.7	5.2
1/3/2013	12	5.2	4.9	4.8	4.3	4.3	4.3	5.8	5.2
1/3/2013	13	5.3	4.9	4.9	4.4	4.3	4.3	5.8	5.2
1/3/2013	14	5.3	4.9	5.0	4.4	4.4	4.4	5.8	5.3
1/3/2013	15	5.3	4.9	5.1	4.5	4.5	4.4	5.8	5.3
1/3/2013	16	5.3	4.9	5.1	4.5	4.5	4.5	5.8	5.3
1/3/2013	17	5.3	4.9	4.9	4.6	4.6	4.5	5.8	5.3
1/3/2013	18	5.3	4.9	4.8	4.6	4.6	4.6	5.8	5.3
1/3/2013	19	5.3	4.9	4.7	4.6	4.6	4.6	5.8	5.4
1/3/2013	20	5.3	4.9	4.7	4.5	4.5	4.5	5.8	5.4
1/3/2013	21	5.4	4.9	4.6	4.4	4.4	4.4	5.9	5.4
1/3/2013	22	5.3	4.9	4.6	4.3	4.3	4.3	5.9	5.4
1/3/2013	23	5.4	4.9	4.6	4.3	4.3	4.3	5.9	5.4
1/3/2013	24	5.4	4.9	4.6	4.2	4.2	4.2	5.9	5.4
1/4/2013	1	5.3	4.9	4.6	4.2	4.2	4.2	5.9	5.4
1/4/2013	2	5.3	4.9	4.6	4.2	4.2	4.2	5.9	5.4
1/4/2013	3	5.3	4.9	4.6	4.2	4.2	4.2	5.8	5.4
1/4/2013	4	5.3	4.9	4.6	4.2	4.2	4.1	5.8	5.4
1/4/2013	5	5.3	4.9	4.6	4.1	4.2	4.1	5.8	5.4
1/4/2013	6	5.3	4.9	4.5	4.1	4.2	4.1	5.8	5.3
1/4/2013	7	5.3	4.8	4.5	4.1	4.1	4.1	5.8	5.3
1/4/2013	8	5.2	4.8	4.5	4.1	4.1	4.1	5.7	5.3
1/4/2013	9	5.2	4.8	4.5	4.1	4.1	4.1	5.7	5.2
1/4/2013	10	5.2	4.8	4.5	4.1	4.1	4.0	5.7	5.2
1/4/2013	11	5.2	4.8	4.5	4.1	4.1	4.1	5.7	5.2
1/4/2013	12	5.2	4.8	4.7	4.2	4.1	4.1	5.8	5.3
1/4/2013	13	5.3	4.9	4.9	4.3	4.2	4.2	5.8	5.3
1/4/2013	14	5.3	5.0	5.2	4.4	4.3	4.4	5.8	5.4
1/4/2013	15	5.4	5.1	5.3	4.6	4.5	4.5	5.8	5.4
1/4/2013	16	5.4	5.1	5.3	4.6	4.6	4.6	5.9	5.4
1/4/2013	17	5.4	5.0	5.2	4.7	4.8	4.6	5.9	5.4
1/4/2013	18	5.4	5.0	4.9	4.8	4.8	4.7	5.9	5.4
1/4/2013	19	5.4	5.0	4.8	4.8	4.8	4.8	5.9	5.4
1/4/2013	20	5.4	4.9	4.6	4.7	4.7	4.7	5.9	5.4

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1/4/2013	21	5.4	4.9	4.6	4.5	4.5	4.6	5.9	5.4
1/4/2013	22	5.4	5.0	4.6	4.4	4.4	4.4	5.9	5.4
1/4/2013	23	5.4	5.0	4.6	4.2	4.2	4.3	5.9	5.4
1/4/2013	24	5.4	4.9	4.6	4.2	4.2	4.2	5.9	5.4
1/5/2013	1	5.4	5.0	4.6	4.2	4.2	4.2	5.9	5.4
1/5/2013	2	5.4	5.0	4.7	4.2	4.2	4.2	5.8	5.4
1/5/2013	3	5.3	5.0	4.7	4.2	4.2	4.2	5.8	5.3
1/5/2013	4	5.3	4.9	4.7	4.2	4.2	4.2	5.8	5.3
1/5/2013	5	5.3	4.9	4.7	4.2	4.2	4.2	5.8	5.3
1/5/2013	6	5.3	4.9	4.7	4.2	4.2	4.2	5.8	5.3
1/5/2013	7	5.2	4.8	4.7	4.2	4.2	4.2	5.7	5.2
1/5/2013	8	5.2	4.8	4.6	4.2	4.3	4.2	5.7	5.2
1/5/2013	9	5.1	4.8	4.6	4.2	4.3	4.2	5.7	5.2
1/5/2013	10	5.1	4.8	4.6	4.2	4.3	4.2	5.7	5.1
1/5/2013	11	5.1	4.8	4.7	4.3	4.3	4.3	5.6	5.1
1/5/2013	12	5.1	4.8	4.8	4.4	4.3	4.3	5.7	5.2
1/5/2013	13	5.2	4.9	4.9	4.4	4.4	4.4	5.7	5.2
1/5/2013	14	5.2	4.9	5.0	4.5	4.4	4.4	5.7	5.2
1/5/2013	15	5.2	4.9	5.1	4.6	4.5	4.5	5.7	5.2
1/5/2013	16	5.2	4.9	5.1	4.6	4.6	4.6	5.7	5.2
1/5/2013	17	5.2	4.9	4.9	4.6	4.6	4.6	5.8	5.2
1/5/2013	18	5.2	4.9	4.8	4.6	4.7	4.6	5.8	5.3
1/5/2013	19	5.3	4.9	4.7	4.6	4.6	4.6	5.8	5.3
1/5/2013	20	5.3	4.9	4.7	4.6	4.6	4.6	5.8	5.3
1/5/2013	21	5.3	5.0	4.7	4.5	4.5	4.5	5.8	5.4
1/5/2013	22	5.3	5.0	4.7	4.4	4.4	4.4	5.9	5.4
1/5/2013	23	5.4	5.0	4.8	4.4	4.4	4.4	5.9	5.4
1/5/2013	24	5.4	5.1	4.8	4.4	4.4	4.4	5.9	5.4
1/6/2013	1	5.4	5.1	4.8	4.4	4.4	4.4	5.9	5.4
1/6/2013	2	5.4	5.1	4.8	4.4	4.4	4.4	5.9	5.4
1/6/2013	3	5.4	5.1	4.9	4.4	4.5	4.4	6.0	5.4
1/6/2013	4	5.4	5.1	4.9	4.5	4.5	4.5	5.9	5.5
1/6/2013	5	5.4	5.1	4.9	4.5	4.5	4.5	5.9	5.5
1/6/2013	6	5.4	5.1	5.0	4.5	4.6	4.5	5.9	5.5
1/6/2013	7	5.4	5.1	5.0	4.6	4.6	4.6	5.9	5.4
1/6/2013	8	5.4	5.1	5.0	4.6	4.6	4.6	5.9	5.4
1/6/2013	9	5.4	5.1	5.0	4.6	4.6	4.6	5.9	5.4
1/6/2013	10	5.4	5.1	5.1	4.7	4.7	4.7	5.9	5.4
1/6/2013	11	5.4	5.1	5.1	4.7	4.7	4.7	5.9	5.4
1/6/2013	12	5.4	5.2	5.3	4.9	4.8	4.8	5.9	5.4
1/6/2013	13	5.4	5.2	5.5	4.9	4.8	4.9	6.0	5.4
1/6/2013	14	5.4	5.2	5.7	5.1	5.0	5.0	6.0	5.4
1/6/2013	15	5.4	5.2	5.7	5.1	5.1	5.1	6.0	5.5
1/6/2013	16	5.5	5.2	5.6	5.2	5.2	5.2	6.0	5.5
1/6/2013	17	5.5	5.2	5.5	5.3	5.3	5.3	6.0	5.6
1/6/2013	18	5.5	5.2	5.4	5.3	5.4	5.3	6.0	5.6

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1/6/2013	19	5.5	5.2	5.3	5.3	5.3	5.3	6.1	5.5
1/6/2013	20	5.5	5.2	5.2	5.2	5.2	5.3	6.1	5.5
1/6/2013	21	5.5	5.2	5.1	5.1	5.1	5.1	6.1	5.5
1/6/2013	22	5.5	5.2	5.1	5.0	5.0	5.1	6.1	5.5
1/6/2013	23	5.5	5.3	5.1	4.9	4.9	5.0	6.1	5.5
1/6/2013	24	5.5	5.3	5.2	4.9	4.9	4.9	6.1	5.5
1/7/2013	1	5.5	5.3	5.2	4.8	4.9	4.9	6.1	5.6
1/7/2013	2	5.5	5.3	5.2	4.8	4.9	4.9	6.1	5.6
1/7/2013	3	5.5	5.3	5.2	4.8	4.9	4.9	6.0	5.6
1/7/2013	4	5.5	5.3	5.1	4.8	4.9	4.9	6.0	5.6
1/7/2013	5	5.5	5.2	5.1	4.8	4.9	4.9	6.0	5.5
1/7/2013	6	5.5	5.2	5.1	4.8	4.9	4.8	6.0	5.5
1/7/2013	7	5.4	5.2	5.1	4.8	4.8	4.8	6.0	5.5
1/7/2013	8	5.4	5.2	5.0	4.8	4.8	4.8	5.9	5.5
1/7/2013	9	5.4	5.1	4.9	4.7	4.8	4.7	5.9	5.4
1/7/2013	10	5.3	5.1	4.9	4.7	4.7	4.7	5.9	5.4
1/7/2013	11	5.3	5.1	5.1	4.8	4.7	4.8	5.9	5.4
1/7/2013	12	5.4	5.2	5.3	4.9	4.8	4.9	5.9	5.4
1/7/2013	13	5.4	5.2	5.6	5.0	4.8	4.9	5.9	5.5
1/7/2013	14	5.4	5.1	5.8	5.0	5.0	5.1	5.9	5.5
1/7/2013	15	5.4	5.2	5.8	5.2	5.1	5.1	5.9	5.5
1/7/2013	16	5.4	5.1	5.6	5.3	5.3	5.2	5.9	5.5
1/7/2013	17	5.4	5.0	5.3	5.3	5.4	5.3	5.9	5.5
1/7/2013	18	5.4	4.9	4.9	5.3	5.3	5.2	6.0	5.5
1/7/2013	19	5.4	5.0	4.7	5.2	5.2	5.2	5.9	5.5
1/7/2013	20	5.4	4.8	4.5	4.9	4.9	5.0	5.9	5.4
1/7/2013	21	5.3	5.0	4.4	4.7	4.7	4.7	5.9	5.4
1/7/2013	22	5.3	5.0	4.3	4.4	4.4	4.4	5.8	5.4
1/7/2013	23	5.2	4.9	4.3	4.2	4.2	4.2	5.8	5.3
1/7/2013	24	5.2	4.9	4.3	4.1	4.1	4.0	5.8	5.3
1/8/2013	1	5.2	4.8	4.4	4.0	4.0	4.0	5.7	5.3
1/8/2013	2	5.1	4.8	4.3	3.9	3.9	3.9	5.7	5.2
1/8/2013	3	5.1	4.8	4.3	3.9	3.9	3.9	5.7	5.2
1/8/2013	4	5.1	4.7	4.3	3.9	3.9	3.9	5.7	5.2
1/8/2013	5	5.1	4.7	4.3	3.9	3.9	3.9	5.7	5.2
1/8/2013	6	5.0	4.7	4.3	3.9	3.9	3.9	5.7	5.1
1/8/2013	7	5.0	4.7	4.4	3.9	3.9	3.9	5.6	4.9
1/8/2013	8	4.9	4.7	4.5	3.9	4.0	3.9	5.6	4.9
1/8/2013	9	5.0	4.6	4.6	3.9	4.0	4.0	5.6	4.9
1/8/2013	10	5.1	4.7	4.6	4.0	4.1	4.0	5.6	5.1
1/8/2013	11	5.1	4.6	4.3	3.9	4.0	3.9	5.7	5.2
1/8/2013	12	5.1	4.6	4.0	4.0	4.0	3.9	5.7	5.2
1/8/2013	13	5.1	4.7	4.0	4.1	4.1	4.1	5.7	5.2
1/8/2013	14	5.1	4.8	4.2	4.1	3.9	4.0	5.8	5.3
1/8/2013	15	5.2	4.9	4.5	4.0	3.9	4.0	5.8	5.3
1/8/2013	16	5.2	4.9	4.9	4.1	4.0	4.0	5.8	5.3

## 2013 Chelan River 1st Quarter Hourly Temperature Data

Date	Hour	Low Level Outlet Pipe -Auto- (Deg. C)	Top of Reach 1 -Logger- (Deg. C)	End of Reach 1 -Logger- (Deg. C)	End of Reach 3 -Logger- (Deg. C)	Top of Reach 4 -Logger- (Deg. C)	End of Reach 4 -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
1/8/2013	17	5.2	5.0	5.0	4.1	4.1	4.1	5.9	5.4
1/8/2013	18	5.3	5.0	5.1	4.2	4.3	4.2	5.9	5.4
1/8/2013	19	5.3	5.0	5.1	4.5	4.6	4.5	5.9	5.4
1/8/2013	20	5.3	5.0	5.1	4.6	4.7	4.6	5.9	5.4
1/8/2013	21	5.3	5.0	5.1	4.7	4.8	4.7	5.9	5.4
1/8/2013	22	5.3	5.0	5.1	4.8	4.8	4.8	5.9	5.4
1/8/2013	23	5.3	5.1	5.1	4.8	4.8	4.8	5.9	5.4
1/8/2013	24	5.3	5.1	5.2	4.8	4.9	4.9	5.9	5.4
1/9/2013	1	5.3	5.1	5.2	4.8	4.9	4.9	5.9	5.4
1/9/2013	2	5.3	5.1	5.2	4.9	4.9	4.9	5.9	5.4
1/9/2013	3	5.3	5.1	5.2	4.9	5.0	5.0	5.9	5.4
1/9/2013	4	5.3	5.0	5.2	4.9	5.0	5.0	5.9	5.4
1/9/2013	5	5.3	5.0	5.1	4.9	5.0	4.9	5.9	5.4
1/9/2013	6	5.3	5.0	4.9	4.9	4.9	4.9	5.9	5.4
1/9/2013	7	5.3	5.0	4.9	4.9	4.9	4.9	5.9	5.4
1/9/2013	8	5.3	5.0	4.9	4.8	4.8	4.8	5.9	5.4
1/9/2013	9	5.3	5.0	4.8	4.7	4.7	4.7	5.9	5.4
1/9/2013	10	5.3	5.1	4.8	4.7	4.7	4.7	5.9	5.4
1/9/2013	11	5.4	5.2	5.0	4.8	4.7	4.8	6.0	5.4
1/9/2013	12	5.4	5.2	5.3	4.9	4.8	4.8	6.0	5.4
1/9/2013	13	5.4	5.2	5.8	5.0	4.9	5.1	6.0	5.5
1/9/2013	14	5.5	5.2	6.1	5.0	5.0	5.1	6.0	5.5
1/9/2013	15	5.5	5.3	6.2	5.1	5.2	5.3	6.0	5.6
1/9/2013	16	5.5	5.3	6.0	5.4	5.5	5.4	6.1	5.6
1/9/2013	17	5.5	5.3	5.8	5.6	5.8	5.7	6.1	5.6
1/9/2013	18	5.5	5.2	5.5	5.8	5.9	5.8	6.1	5.6
1/9/2013	19	5.5	5.2	5.2	5.7	5.7	5.8	6.1	5.6
1/9/2013	20	5.5	5.2	5.1	5.6	5.5	5.6	6.1	5.6
1/9/2013	21	5.5	5.2	5.0	5.4	5.3	5.4	6.0	5.6
1/9/2013	22	5.5	5.2	5.0	5.2	5.1	5.1	6.0	5.6
1/9/2013	23	5.5	5.2	4.9	4.9	4.9	4.9	6.0	5.5
1/9/2013	24	5.5	5.2	4.9	4.8	4.8	4.8	6.0	5.5
1/10/2013	1	5.4	5.1	4.8	4.7	4.7	4.7	6.0	5.5
1/10/2013	2	5.4	5.1	4.9	4.7	4.7	4.7	5.9	5.5
1/10/2013	3	5.4	5.1	4.9	4.6	4.6	4.6	5.9	5.4
1/10/2013	4	5.4	5.1	4.9	4.6	4.6	4.6	5.9	5.4
1/10/2013	5	5.4	5.0	4.9	4.6	4.6	4.6	5.9	5.4
1/10/2013	6	5.3	5.0	4.9	4.6	4.6	4.6	5.9	5.4
1/10/2013	7	5.3	5.0	4.8	4.6	4.6	4.6	5.9	5.4
1/10/2013	8	5.3	5.0	4.8	4.6	4.6	4.6	5.8	5.4
1/10/2013	9	5.3	5.0	4.9	4.6	4.6	4.6	5.8	5.3
1/10/2013	10	5.3	5.0	4.9	4.6	4.6	4.6	5.8	5.3
1/10/2013	11	5.3	5.0	5.1	4.8	4.7	4.7	5.8	5.3
1/10/2013	12	5.3	5.0	5.2	4.8	4.7	4.8	5.8	5.3
1/10/2013	13	5.3	5.0	5.5	5.0	4.8	5.0	5.8	5.4
1/10/2013	14	5.3	5.0	5.7	4.9	4.9	5.1	5.8	5.4

## 2013 Chelan River 1st Quarter Hourly Temperature Data

Date	Hour	Low Level Outlet Pipe -Auto- (Deg. C)	Top of Reach 1 -Logger- (Deg. C)	End of Reach 1 -Logger- (Deg. C)	End of Reach 3 -Logger- (Deg. C)	Top of Reach 4 -Logger- (Deg. C)	End of Reach 4 -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
1/10/2013	15	5.3	4.9	5.7	5.0	4.9	5.1	5.8	5.4
1/10/2013	16	5.3	5.0	5.4	5.1	5.2	5.1	5.8	5.4
1/10/2013	17	5.2	4.9	5.2	5.2	5.3	5.2	5.9	5.4
1/10/2013	18	5.2	4.9	4.9	5.3	5.3	5.2	5.8	5.3
1/10/2013	19	5.1	4.8	4.6	5.1	5.1	5.1	5.8	5.3
1/10/2013	20	5.1	4.7	4.4	4.9	4.8	4.8	5.8	5.2
1/10/2013	21	5.1	4.7	4.3	4.6	4.5	4.6	5.8	5.2
1/10/2013	22	5.1	4.7	4.2	4.4	4.3	4.3	5.8	5.2
1/10/2013	23	5.2	4.7	4.1	4.0	4.0	4.0	5.8	5.3
1/10/2013	24	5.2	4.7	4.0	3.9	3.9	3.8	5.8	5.3
1/11/2013	1	5.2	4.8	4.0	3.8	3.8	3.7	5.8	5.3
1/11/2013	2	5.2	4.8	4.0	3.7	3.6	3.6	5.8	5.3
1/11/2013	3	5.2	4.7	3.9	3.6	3.6	3.5	5.8	5.2
1/11/2013	4	5.1	4.7	4.0	3.5	3.5	3.5	5.7	5.1
1/11/2013	5	5.1	4.7	4.0	3.5	3.5	3.5	5.7	5.1
1/11/2013	6	5.1	4.7	4.1	3.5	3.5	3.5	5.7	5.1
1/11/2013	7	5.1	4.7	4.2	3.5	3.5	3.5	5.7	5.1
1/11/2013	8	5.1	4.7	4.3	3.5	3.6	3.5	5.6	5.1
1/11/2013	9	5.1	4.7	4.3	3.6	3.7	3.6	5.6	5.1
1/11/2013	10	5.1	4.7	4.4	3.7	3.7	3.7	5.7	5.1
1/11/2013	11	5.1	4.7	4.5	3.9	3.8	3.8	5.7	5.1
1/11/2013	12	5.1	4.7	4.5	4.0	4.0	4.0	5.7	5.1
1/11/2013	13	5.1	4.7	4.9	4.3	4.1	4.2	5.8	5.2
1/11/2013	14	5.2	4.8	5.2	4.2	4.1	4.3	5.8	5.3
1/11/2013	15	5.3	4.8	5.3	4.3	4.2	4.3	5.9	5.4
1/11/2013	16	5.3	4.8	5.1	4.4	4.5	4.4	5.9	5.4
1/11/2013	17	5.3	4.8	4.9	4.6	4.7	4.6	5.9	5.4
1/11/2013	18	5.4	4.8	4.6	4.7	4.8	4.7	5.9	5.5
1/11/2013	19	5.4	4.9	4.3	4.6	4.6	4.6	5.9	5.5
1/11/2013	20	5.4	4.9	4.1	4.5	4.4	4.4	5.9	5.5
1/11/2013	21	5.4	4.8	4.0	4.2	4.1	4.2	5.9	5.5
1/11/2013	22	5.4	4.8	3.9	4.0	3.9	3.9	5.8	5.4
1/11/2013	23	5.4	4.8	3.9	3.7	3.6	3.6	5.8	5.4
1/11/2013	24	5.3	4.7	3.8	3.5	3.5	3.5	5.8	5.4
1/12/2013	1	5.2	4.8	3.8	3.4	3.4	3.3	5.8	5.3
1/12/2013	2	5.2	4.7	3.8	3.3	3.3	3.2	5.7	5.2
1/12/2013	3	5.1	4.7	3.7	3.2	3.2	3.1	5.6	5.1
1/12/2013	4	5.0	4.6	3.7	3.2	3.2	3.1	5.6	5.0
1/12/2013	5	4.9	4.5	3.6	3.1	3.2	3.1	5.5	4.9
1/12/2013	6	4.9	4.4	3.6	3.1	3.1	3.0	5.4	4.8
1/12/2013	7	4.8	4.4	3.5	3.0	3.0	2.9	5.4	4.8
1/12/2013	8	4.8	4.3	3.4	3.0	3.0	2.9	5.3	4.7
1/12/2013	9	4.7	4.2	3.3	2.9	2.9	2.8	5.2	4.7
1/12/2013	10	4.7	4.2	3.3	2.9	2.9	2.7	5.3	4.7
1/12/2013	11	4.7	4.1	3.4	3.0	2.9	2.8	5.3	4.6
1/12/2013	12	4.7	4.1	3.7	3.1	2.9	2.9	5.3	4.7

## 2013 Chelan River 1st Quarter Hourly Temperature Data

Date	Hour	Low Level Outlet Pipe -Auto- (Deg. C)	Top of Reach 1 -Logger- (Deg. C)	End of Reach 1 -Logger- (Deg. C)	End of Reach 3 -Logger- (Deg. C)	Top of Reach 4 -Logger- (Deg. C)	End of Reach 4 -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
1/12/2013	13	4.7	4.1	4.1	3.1	2.9	3.0	5.4	4.8
1/12/2013	14	4.8	4.2	4.4	2.9	2.9	3.0	5.4	4.8
1/12/2013	15	4.8	4.3	4.5	3.1	3.1	3.1	5.4	4.9
1/12/2013	16	4.8	4.3	4.3	3.3	3.5	3.3	5.5	5.0
1/12/2013	17	4.8	4.1	4.1	3.5	3.7	3.5	5.5	5.0
1/12/2013	18	4.8	4.2	3.8	3.7	3.8	3.7	5.5	5.0
1/12/2013	19	4.8	4.1	3.6	3.6	3.6	3.6	5.5	4.9
1/12/2013	20	4.7	4.1	3.4	3.5	3.4	3.4	5.4	4.9
1/12/2013	21	4.7	4.1	3.3	3.3	3.2	3.2	5.4	4.9
1/12/2013	22	4.7	4.0	3.2	3.1	3.0	3.0	5.4	4.9
1/12/2013	23	4.7	4.0	3.2	2.9	2.8	2.8	5.4	4.8
1/12/2013	24	4.7	4.0	3.1	2.7	2.7	2.6	5.3	4.8
1/13/2013	1	4.7	4.1	3.1	2.6	2.6	2.5	5.3	4.8
1/13/2013	2	4.6	4.0	3.2	2.6	2.6	2.4	5.3	4.7
1/13/2013	3	4.5	4.0	3.2	2.5	2.6	2.5	5.2	4.7
1/13/2013	4	4.6	4.0	3.2	2.5	2.5	2.4	5.2	4.7
1/13/2013	5	4.6	4.0	3.2	2.5	2.5	2.4	5.2	4.7
1/13/2013	6	4.6	4.0	3.1	2.5	2.5	2.4	5.1	4.7
1/13/2013	7	4.6	4.0	3.0	2.5	2.5	2.4	5.1	4.6
1/13/2013	8	4.5	3.9	3.0	2.5	2.5	2.4	5.1	4.6
1/13/2013	9	4.5	3.7	3.0	2.4	2.4	2.3	5.1	4.5
1/13/2013	10	4.5	3.9	3.0	2.4	2.4	2.3	5.0	4.5
1/13/2013	11	4.4	3.9	3.2	2.5	2.4	2.4	5.0	4.4
1/13/2013	12	4.4	3.9	3.6	2.7	2.5	2.5	5.0	4.4
1/13/2013	13	4.4	3.9	4.0	2.9	2.6	2.7	5.0	4.4
1/13/2013	14	4.4	3.9	4.2	2.8	2.7	2.7	5.0	4.5
1/13/2013	15	4.4	3.9	4.3	2.9	3.0	2.9	5.0	4.5
1/13/2013	16	4.4	3.9	4.1	3.2	3.3	3.2	5.0	4.5
1/13/2013	17	4.4	3.9	3.9	3.4	3.5	3.4	5.0	4.5
1/13/2013	18	4.5	3.9	3.7	3.5	3.6	3.5	5.0	4.5
1/13/2013	19	4.5	3.9	3.5	3.5	3.5	3.4	5.0	4.5
1/13/2013	20	4.5	3.9	3.3	3.4	3.3	3.3	5.0	4.6
1/13/2013	21	4.6	4.0	3.3	3.2	3.1	3.1	5.0	4.7
1/13/2013	22	4.6	4.1	3.3	3.0	3.0	3.0	5.1	4.7
1/13/2013	23	4.6	4.1	3.4	2.9	2.9	2.9	5.1	4.7
1/13/2013	24	4.5	4.1	3.4	2.8	2.8	2.8	5.1	4.7
1/14/2013	1	4.5	4.0	3.5	2.8	2.8	2.8	5.1	4.6
1/14/2013	2	4.5	4.0	3.5	2.8	2.9	2.8	5.1	4.5
1/14/2013	3	4.4	4.0	3.5	2.8	2.9	2.8	5.0	4.5
1/14/2013	4	4.4	4.0	3.6	2.9	3.0	2.9	5.0	4.5
1/14/2013	5	4.4	4.0	3.6	2.9	3.0	2.9	5.0	4.5
1/14/2013	6	4.4	4.0	3.5	3.0	3.0	3.0	5.0	4.5
1/14/2013	7	4.4	4.0	3.6	3.0	3.1	3.0	5.0	4.5
1/14/2013	8	4.4	3.9	3.5	3.0	3.1	3.0	5.0	4.5
1/14/2013	9	4.4	4.0	3.6	3.0	3.1	3.0	5.0	4.5
1/14/2013	10	4.4	4.0	3.6	3.1	3.1	3.1	5.0	4.5

## 2013 Chelan River 1st Quarter Hourly Temperature Data

Date	Hour	Low Level Outlet Pipe -Auto- (Deg. C)	Top of Reach 1 -Logger- (Deg. C)	End of Reach 1 -Logger- (Deg. C)	End of Reach 3 -Logger- (Deg. C)	Top of Reach 4 -Logger- (Deg. C)	End of Reach 4 -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
1/14/2013	11	4.4	4.0	3.7	3.2	3.1	3.1	5.1	4.5
1/14/2013	12	4.4	4.0	4.0	3.4	3.2	3.3	5.1	4.5
1/14/2013	13	4.5	4.1	4.2	3.5	3.3	3.4	5.2	4.5
1/14/2013	14	4.5	4.1	4.3	3.6	3.5	3.5	5.2	4.6
1/14/2013	15	4.6	4.2	4.4	3.8	3.7	3.6	5.3	4.7
1/14/2013	16	4.6	4.2	4.4	3.8	3.8	3.7	5.3	4.7
1/14/2013	17	4.7	4.3	4.3	3.9	3.9	3.8	5.3	4.8
1/14/2013	18	4.7	4.3	4.1	3.9	3.9	3.8	5.3	4.9
1/14/2013	19	4.8	4.3	3.9	3.9	3.9	3.8	5.4	4.9
1/14/2013	20	4.8	4.3	3.8	3.7	3.7	3.7	5.4	4.9
1/14/2013	21	4.8	4.4	3.7	3.6	3.6	3.6	5.4	4.9
1/14/2013	22	4.8	4.4	3.7	3.5	3.4	3.4	5.4	4.9
1/14/2013	23	4.8	4.4	3.7	3.4	3.3	3.3	5.4	4.9
1/14/2013	24	4.8	4.3	3.7	3.3	3.2	3.2	5.4	4.9
1/15/2013	1	4.8	4.3	3.6	3.2	3.2	3.1	5.4	4.9
1/15/2013	2	4.8	4.3	3.6	3.1	3.1	3.0	5.3	4.8
1/15/2013	3	4.7	4.3	3.6	3.1	3.1	3.0	5.3	4.8
1/15/2013	4	4.7	4.3	3.6	3.0	3.1	3.0	5.2	4.8
1/15/2013	5	4.6	4.3	3.7	3.0	3.1	3.0	5.1	4.7
1/15/2013	6	4.6	4.2	3.7	3.0	3.1	3.0	5.1	4.6
1/15/2013	7	4.5	4.2	3.6	3.0	3.1	3.0	5.0	4.6
1/15/2013	8	4.5	4.1	3.6	3.1	3.1	3.0	5.0	4.5
1/15/2013	9	4.4	4.1	3.6	3.1	3.1	3.0	4.9	4.4
1/15/2013	10	4.4	4.0	3.6	3.1	3.1	3.1	4.9	4.4
1/15/2013	11	4.4	4.0	3.6	3.1	3.1	3.1	5.0	4.4
1/15/2013	12	4.3	4.1	3.8	3.2	3.1	3.2	5.0	4.3
1/15/2013	13	4.3	4.0	4.0	3.4	3.2	3.3	5.0	4.4
1/15/2013	14	4.4	4.0	4.2	3.5	3.5	3.5	5.0	4.4
1/15/2013	15	4.4	4.0	4.4	3.6	3.6	3.6	5.0	4.5
1/15/2013	16	4.4	4.0	4.2	3.7	3.8	3.6	5.0	4.5
1/15/2013	17	4.4	4.0	4.0	3.8	3.9	3.7	5.0	4.4
1/15/2013	18	4.4	4.0	3.9	3.8	3.9	3.7	5.0	4.4
1/15/2013	19	4.4	4.0	3.8	3.7	3.7	3.7	5.0	4.4
1/15/2013	20	4.4	4.0	3.7	3.6	3.6	3.6	5.0	4.4
1/15/2013	21	4.4	4.0	3.7	3.5	3.5	3.4	5.0	4.4
1/15/2013	22	4.4	4.0	3.7	3.4	3.4	3.3	5.0	4.4
1/15/2013	23	4.4	3.9	3.6	3.3	3.4	3.2	5.0	4.4
1/15/2013	24	4.4	3.9	3.6	3.3	3.3	3.2	5.0	4.5
1/16/2013	1	4.4	4.0	3.6	3.2	3.3	3.2	5.0	4.5
1/16/2013	2	4.5	4.0	3.6	3.2	3.2	3.1	5.0	4.6
1/16/2013	3	4.5	4.1	3.6	3.2	3.2	3.1	5.1	4.6
1/16/2013	4	4.5	4.1	3.6	3.1	3.2	3.1	5.1	4.6
1/16/2013	5	4.6	4.1	3.6	3.1	3.2	3.0	5.1	4.7
1/16/2013	6	4.6	4.2	3.7	3.1	3.2	3.1	5.1	4.7
1/16/2013	7	4.6	4.2	3.7	3.1	3.2	3.1	5.2	4.7
1/16/2013	8	4.6	4.2	3.8	3.2	3.2	3.1	5.2	4.6



## 2013 Chelan River 1st Quarter Hourly Temperature Data

Date	Hour	Low Level Outlet Pipe -Auto- (Deg. C)	Top of Reach 1 -Logger- (Deg. C)	End of Reach 1 -Logger- (Deg. C)	End of Reach 3 -Logger- (Deg. C)	Top of Reach 4 -Logger- (Deg. C)	End of Reach 4 -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
1/16/2013	9	4.6	4.2	3.8	3.2	3.3	3.2	5.2	4.6
1/16/2013	10	4.6	4.2	4.0	3.3	3.3	3.2	5.2	4.7
1/16/2013	11	4.6	4.3	4.1	3.4	3.4	3.3	5.2	4.6
1/16/2013	12	4.6	4.3	4.3	3.5	3.5	3.4	5.2	4.7
1/16/2013	13	4.6	4.4	4.5	3.6	3.6	3.6	5.2	4.7
1/16/2013	14	4.7	4.4	4.6	3.7	3.8	3.7	5.2	4.7
1/16/2013	15	4.7	4.4	4.6	3.9	3.9	3.8	5.2	4.7
1/16/2013	16	4.7	4.3	4.5	4.0	4.1	3.9	5.2	4.7
1/16/2013	17	4.7	4.3	4.4	4.0	4.1	4.0	5.2	4.7
1/16/2013	18	4.7	4.3	4.3	4.1	4.1	4.0	5.2	4.7
1/16/2013	19	4.6	4.3	4.2	4.1	4.1	4.0	5.2	4.6
1/16/2013	20	4.6	4.3	4.1	4.0	4.0	4.0	5.1	4.6
1/16/2013	21	4.6	4.2	4.1	3.9	3.9	3.9	5.1	4.6
1/16/2013	22	4.5	4.2	4.1	3.8	3.8	3.8	5.1	4.5
1/16/2013	23	4.5	4.2	4.1	3.7	3.8	3.7	5.1	4.5
1/16/2013	24	4.5	4.2	4.1	3.7	3.7	3.7	5.1	4.5
1/17/2013	1	4.5	4.1	4.1	3.7	3.7	3.7	5.1	4.5
1/17/2013	2	4.4	4.1	4.0	3.7	3.7	3.6	5.0	4.5
1/17/2013	3	4.4	4.1	4.0	3.7	3.7	3.6	5.0	4.4
1/17/2013	4	4.4	4.1	4.0	3.6	3.7	3.6	5.0	4.4
1/17/2013	5	4.4	4.0	3.9	3.6	3.6	3.5	5.0	4.4
1/17/2013	6	4.4	4.0	3.9	3.6	3.6	3.5	5.0	4.4
1/17/2013	7	4.4	4.0	3.8	3.5	3.5	3.4	5.0	4.4
1/17/2013	8	4.4	4.0	3.7	3.5	3.5	3.4	5.0	4.4
1/17/2013	9	4.4	4.0	3.7	3.4	3.5	3.4	5.0	4.4
1/17/2013	10	4.4	4.1	3.8	3.5	3.4	3.4	5.1	4.5
1/17/2013	11	4.4	4.1	4.0	3.5	3.4	3.4	5.1	4.5
1/17/2013	12	4.5	4.2	4.2	3.5	3.5	3.4	5.1	4.5
1/17/2013	13	4.5	4.2	4.5	3.7	3.6	3.6	5.1	4.6
1/17/2013	14	4.5	4.3	4.7	3.8	3.8	3.7	5.2	4.6
1/17/2013	15	4.5	4.3	4.7	4.0	4.0	3.9	5.2	4.6
1/17/2013	16	4.6	4.3	4.7	4.1	4.2	4.1	5.2	4.7
1/17/2013	17	4.6	4.3	4.6	4.2	4.3	4.2	5.2	4.7
1/17/2013	18	4.6	4.3	4.4	4.3	4.4	4.2	5.2	4.7
1/17/2013	19	4.6	4.3	4.3	4.3	4.3	4.3	5.3	4.7
1/17/2013	20	4.6	4.3	4.2	4.2	4.2	4.2	5.3	4.7
1/17/2013	21	4.7	4.3	4.2	4.1	4.1	4.1	5.3	4.7
1/17/2013	22	4.7	4.4	4.2	4.0	4.0	4.0	5.3	4.7
1/17/2013	23	4.7	4.3	4.2	3.9	3.9	3.9	5.3	4.7
1/17/2013	24	4.7	4.3	4.1	3.8	3.9	3.7	5.3	4.7
1/18/2013	1	4.7	4.3	4.1	3.7	3.8	3.7	5.3	4.7
1/18/2013	2	4.7	4.3	4.1	3.7	3.8	3.7	5.3	4.7
1/18/2013	3	4.7	4.3	4.0	3.7	3.7	3.6	5.3	4.7
1/18/2013	4	4.7	4.3	4.0	3.7	3.7	3.6	5.3	4.7
1/18/2013	5	4.7	4.3	4.0	3.6	3.7	3.6	5.3	4.7
1/18/2013	6	4.7	4.3	4.1	3.6	3.7	3.6	5.2	4.7

## 2013 Chelan River 1st Quarter Hourly Temperature Data

Date	Hour	Low Level Outlet Pipe -Auto- (Deg. C)	Top of Reach 1 -Logger- (Deg. C)	End of Reach 1 -Logger- (Deg. C)	End of Reach 3 -Logger- (Deg. C)	Top of Reach 4 -Logger- (Deg. C)	End of Reach 4 -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
1/18/2013	7	4.6	4.3	4.1	3.6	3.6	3.6	5.2	4.7
1/18/2013	8	4.6	4.3	4.1	3.6	3.7	3.6	5.3	4.7
1/18/2013	9	4.6	4.3	4.1	3.7	3.7	3.6	5.3	4.7
1/18/2013	10	4.6	4.4	4.2	3.7	3.7	3.7	5.3	4.7
1/18/2013	11	4.6	4.4	4.4	3.9	3.8	3.8	5.3	4.7
1/18/2013	12	4.7	4.4	4.6	3.9	3.9	3.8	5.3	4.7
1/18/2013	13	4.7	4.4	4.7	4.0	4.0	3.9	5.3	4.7
1/18/2013	14	4.7	4.5	4.9	4.2	4.2	4.1	5.3	4.7
1/18/2013	15	4.7	4.5	5.0	4.3	4.3	4.2	5.3	4.8
1/18/2013	16	4.8	4.5	4.9	4.4	4.4	4.3	5.3	4.8
1/18/2013	17	4.8	4.5	4.7	4.5	4.6	4.4	5.3	4.9
1/18/2013	18	4.8	4.5	4.6	4.5	4.6	4.5	5.4	4.9
1/18/2013	19	4.8	4.5	4.5	4.5	4.5	4.5	5.4	4.8
1/18/2013	20	4.8	4.5	4.4	4.4	4.4	4.4	5.4	4.9
1/18/2013	21	4.8	4.4	4.4	4.3	4.3	4.3	5.4	4.8
1/18/2013	22	4.8	4.5	4.4	4.2	4.2	4.1	5.4	4.8
1/18/2013	23	4.8	4.5	4.4	4.1	4.1	4.1	5.4	4.8
1/18/2013	24	4.8	4.5	4.3	4.0	4.1	4.0	5.4	4.8
1/19/2013	1	4.8	4.5	4.3	4.0	4.0	3.9	5.4	4.8
1/19/2013	2	4.8	4.4	4.3	3.9	4.0	3.9	5.4	4.7
1/19/2013	3	4.7	4.4	4.2	3.9	4.0	3.9	5.3	4.7
1/19/2013	4	4.7	4.4	4.2	3.9	3.9	3.8	5.3	4.7
1/19/2013	5	4.7	4.4	4.1	3.9	3.9	3.8	5.3	4.7
1/19/2013	6	4.7	4.3	4.1	3.8	3.9	3.7	5.3	4.7
1/19/2013	7	4.7	4.2	4.0	3.7	3.8	3.7	5.3	4.7
1/19/2013	8	4.7	4.1	3.9	3.7	3.7	3.6	5.3	4.7
1/19/2013	9	4.7	4.2	4.0	3.6	3.6	3.6	5.3	4.7
1/19/2013	10	4.6	4.3	4.1	3.6	3.6	3.6	5.3	4.7
1/19/2013	11	4.6	4.4	4.4	3.7	3.7	3.6	5.3	4.7
1/19/2013	12	4.7	4.4	4.6	3.9	3.7	3.8	5.3	4.7
1/19/2013	13	4.7	4.5	4.9	3.9	3.9	3.9	5.3	4.7
1/19/2013	14	4.7	4.5	5.1	4.1	4.1	4.0	5.3	4.7
1/19/2013	15	4.7	4.5	5.0	4.2	4.3	4.2	5.3	4.7
1/19/2013	16	4.7	4.4	4.9	4.4	4.5	4.4	5.3	4.8
1/19/2013	17	4.7	4.4	4.6	4.5	4.6	4.4	5.3	4.8
1/19/2013	18	4.7	4.4	4.5	4.5	4.6	4.5	5.3	4.7
1/19/2013	19	4.7	4.4	4.3	4.4	4.5	4.4	5.3	4.7
1/19/2013	20	4.7	4.4	4.2	4.3	4.3	4.2	5.3	4.7
1/19/2013	21	4.7	4.3	4.2	4.1	4.1	4.1	5.2	4.7
1/19/2013	22	4.7	4.3	4.1	4.0	4.0	3.9	5.2	4.7
1/19/2013	23	4.6	4.3	4.1	3.9	3.9	3.8	5.2	4.7
1/19/2013	24	4.6	4.2	4.1	3.8	3.8	3.7	5.2	4.7
1/20/2013	1	4.6	4.2	4.0	3.7	3.7	3.7	5.2	4.7
1/20/2013	2	4.6	4.2	3.9	3.7	3.7	3.6	5.2	4.7
1/20/2013	3	4.6	4.2	3.9	3.6	3.6	3.5	5.2	4.6
1/20/2013	4	4.6	4.1	3.8	3.5	3.6	3.5	5.2	4.6

## 2013 Chelan River 1st Quarter Hourly Temperature Data

Date	Hour	Low Level Outlet Pipe -Auto- (Deg. C)	Top of Reach 1 -Logger- (Deg. C)	End of Reach 1 -Logger- (Deg. C)	End of Reach 3 -Logger- (Deg. C)	Top of Reach 4 -Logger- (Deg. C)	End of Reach 4 -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
1/20/2013	5	4.6	4.1	3.7	3.5	3.5	3.4	5.2	4.6
1/20/2013	6	4.5	4.1	3.7	3.4	3.4	3.3	5.2	4.6
1/20/2013	7	4.5	4.1	3.7	3.3	3.4	3.2	5.1	4.5
1/20/2013	8	4.5	4.0	3.6	3.2	3.3	3.1	5.1	4.5
1/20/2013	9	4.5	4.0	3.6	3.2	3.2	3.1	5.1	4.5
1/20/2013	10	4.4	4.0	3.7	3.3	3.2	3.2	5.1	4.5
1/20/2013	11	4.4	4.1	3.9	3.4	3.3	3.2	5.1	4.4
1/20/2013	12	4.4	4.1	4.1	3.4	3.3	3.3	5.0	4.4
1/20/2013	13	4.4	4.1	4.4	3.6	3.5	3.4	5.0	4.4
1/20/2013	14	4.4	4.1	4.5	3.6	3.6	3.5	5.0	4.4
1/20/2013	15	4.4	4.0	4.4	3.7	3.8	3.6	5.0	4.4
1/20/2013	16	4.4	4.0	4.3	3.8	3.9	3.7	5.0	4.4
1/20/2013	17	4.4	4.0	4.1	3.8	4.0	3.8	5.0	4.4
1/20/2013	18	4.4	3.9	4.0	3.8	3.9	3.7	4.9	4.4
1/20/2013	19	4.3	3.9	3.8	3.7	3.8	3.7	4.9	4.3
1/20/2013	20	4.3	3.9	3.7	3.6	3.6	3.5	4.9	4.3
1/20/2013	21	4.3	3.9	3.7	3.5	3.5	3.4	4.9	4.3
1/20/2013	22	4.3	3.8	3.6	3.3	3.3	3.2	4.9	4.3
1/20/2013	23	4.3	3.8	3.6	3.2	3.2	3.1	4.9	4.3
1/20/2013	24	4.3	3.9	3.5	3.1	3.2	3.0	4.9	4.4
1/21/2013	1	4.3	3.8	3.5	3.1	3.1	3.0	4.9	4.4
1/21/2013	2	4.3	3.8	3.5	3.0	3.0	2.9	4.9	4.4
1/21/2013	3	4.4	3.8	3.4	2.9	3.0	2.8	4.9	4.4
1/21/2013	4	4.4	3.8	3.4	2.9	2.9	2.8	4.9	4.4
1/21/2013	5	4.3	3.8	3.4	2.8	2.9	2.7	5.0	4.4
1/21/2013	6	4.3	3.7	3.3	2.8	2.8	2.7	5.0	4.4
1/21/2013	7	4.3	3.8	3.3	2.7	2.8	2.6	5.0	4.3
1/21/2013	8	4.3	3.7	3.3	2.7	2.8	2.6	4.9	4.3
1/21/2013	9	4.3	3.7	3.4	2.7	2.7	2.6	4.9	4.3
1/21/2013	10	4.3	3.7	3.4	2.7	2.7	2.6	4.9	4.3
1/21/2013	11	4.3	3.8	3.6	2.8	2.8	2.7	4.9	4.3
1/21/2013	12	4.3	3.8	3.8	2.9	2.8	2.7	4.9	4.3
1/21/2013	13	4.3	3.9	3.9	3.0	2.9	2.9	4.9	4.3
1/21/2013	14	4.3	3.9	4.0	3.1	3.1	3.0	4.9	4.3
1/21/2013	15	4.3	3.9	4.0	3.3	3.2	3.1	4.9	4.3
1/21/2013	16	4.3	3.9	4.0	3.3	3.4	3.2	4.8	4.3
1/21/2013	17	4.3	3.8	3.8	3.3	3.4	3.2	4.8	4.3
1/21/2013	18	4.3	3.8	3.6	3.3	3.4	3.2	4.8	4.3
1/21/2013	19	4.3	3.7	3.5	3.3	3.3	3.2	4.8	4.3
1/21/2013	20	4.2	3.7	3.4	3.2	3.2	3.1	4.8	4.2
1/21/2013	21	4.2	3.7	3.4	3.0	3.0	2.9	4.8	4.2
1/21/2013	22	4.2	3.7	3.3	2.9	2.9	2.8	4.8	4.2
1/21/2013	23	4.2	3.6	3.3	2.8	2.8	2.7	4.8	4.2
1/21/2013	24	4.2	3.6	3.3	2.7	2.7	2.6	4.7	4.2
1/22/2013	1	4.2	3.6	3.2	2.6	2.7	2.5	4.7	4.1
1/22/2013	2	4.1	3.6	3.2	2.6	2.6	2.5	4.7	4.1

## 2013 Chelan River 1st Quarter Hourly Temperature Data

Date	Hour	Low Level Outlet Pipe -Auto- (Deg. C)	Top of Reach 1 -Logger- (Deg. C)	End of Reach 1 -Logger- (Deg. C)	End of Reach 3 -Logger- (Deg. C)	Top of Reach 4 -Logger- (Deg. C)	End of Reach 4 -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
1/22/2013	3	4.1	3.6	3.1	2.5	2.6	2.4	4.7	4.1
1/22/2013	4	4.1	3.5	3.1	2.5	2.5	2.4	4.6	4.1
1/22/2013	5	4.0	3.5	3.1	2.4	2.5	2.3	4.6	4.0
1/22/2013	6	4.0	3.5	3.1	2.4	2.5	2.3	4.6	4.0
1/22/2013	7	4.0	3.4	3.0	2.4	2.4	2.3	4.6	4.0
1/22/2013	8	4.0	3.4	3.0	2.3	2.4	2.2	4.6	4.0
1/22/2013	9	3.9	3.4	3.1	2.3	2.4	2.3	4.6	3.9
1/22/2013	10	3.9	3.5	3.2	2.4	2.4	2.3	4.6	3.9
1/22/2013	11	3.9	3.6	3.5	2.6	2.5	2.4	4.6	4.0
1/22/2013	12	4.0	3.6	3.7	2.7	2.6	2.6	4.6	4.0
1/22/2013	13	4.0	3.7	4.0	2.9	2.7	2.7	4.6	4.1
1/22/2013	14	4.0	3.7	4.1	3.1	3.0	2.9	4.7	4.1
1/22/2013	15	4.1	3.7	4.1	3.2	3.2	3.1	4.6	4.1
1/22/2013	16	4.1	3.7	4.0	3.3	3.4	3.2	4.6	4.1
1/22/2013	17	4.1	3.7	3.8	3.4	3.5	3.3	4.6	4.1
1/22/2013	18	4.1	3.7	3.6	3.4	3.5	3.3	4.6	4.0
1/22/2013	19	4.0	3.6	3.5	3.3	3.4	3.3	4.5	4.0
1/22/2013	20	4.0	3.6	3.4	3.2	3.2	3.1	4.5	3.9
1/22/2013	21	3.9	3.5	3.4	3.0	3.1	3.0	4.5	3.9
1/22/2013	22	3.9	3.5	3.4	2.9	2.9	2.9	4.5	3.9
1/22/2013	23	3.9	3.5	3.4	2.8	2.9	2.7	4.5	3.8
1/22/2013	24	3.8	3.4	3.4	2.8	2.8	2.7	4.5	3.8
1/23/2013	1	3.8	3.4	3.4	2.7	2.8	2.7	4.5	3.8
1/23/2013	2	3.8	3.4	3.3	2.7	2.8	2.7	4.5	3.9
1/23/2013	3	3.8	3.4	3.3	2.7	2.8	2.7	4.5	3.9
1/23/2013	4	3.9	3.4	3.3	2.7	2.8	2.6	4.5	3.9
1/23/2013	5	3.9	3.4	3.3	2.7	2.7	2.6	4.5	3.9
1/23/2013	6	3.9	3.5	3.3	2.7	2.7	2.6	4.5	3.9
1/23/2013	7	3.9	3.5	3.3	2.7	2.7	2.6	4.5	3.9
1/23/2013	8	3.9	3.5	3.4	2.7	2.7	2.6	4.5	3.9
1/23/2013	9	3.9	3.5	3.4	2.7	2.7	2.6	4.5	3.9
1/23/2013	10	3.9	3.5	3.6	2.8	2.8	2.7	4.5	3.8
1/23/2013	11	3.8	3.5	3.7	2.9	2.9	2.9	4.5	3.8
1/23/2013	12	3.9	3.6	3.9	3.0	3.0	3.0	4.5	3.9
1/23/2013	13	3.9	3.5	3.9	3.1	3.1	3.0	4.5	3.9
1/23/2013	14	3.9	3.5	3.9	3.2	3.3	3.1	4.5	4.0
1/23/2013	15	3.9	3.6	3.9	3.4	3.4	3.3	4.5	4.0
1/23/2013	16	3.9	3.7	3.9	3.5	3.5	3.4	4.6	4.0
1/23/2013	17	4.0	3.7	3.9	3.4	3.5	3.4	4.6	4.1
1/23/2013	18	4.0	3.7	3.9	3.4	3.5	3.4	4.6	4.1
1/23/2013	19	4.0	3.7	3.8	3.4	3.5	3.4	4.7	4.1
1/23/2013	20	4.0	3.7	3.8	3.4	3.4	3.4	4.7	4.1
1/23/2013	21	4.0	3.7	3.7	3.4	3.4	3.3	4.7	4.1
1/23/2013	22	4.1	3.7	3.7	3.3	3.3	3.2	4.7	4.2
1/23/2013	23	4.1	3.8	3.7	3.2	3.3	3.2	4.7	4.2
1/23/2013	24	4.1	3.8	3.7	3.2	3.2	3.1	4.7	4.2

## 2013 Chelan River 1st Quarter Hourly Temperature Data

Date	Hour	Low Level Outlet Pipe -Auto- (Deg. C)	Top of Reach 1 -Logger- (Deg. C)	End of Reach 1 -Logger- (Deg. C)	End of Reach 3 -Logger- (Deg. C)	Top of Reach 4 -Logger- (Deg. C)	End of Reach 4 -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
1/24/2013	1	4.2	3.8	3.7	3.2	3.2	3.1	4.7	4.2
1/24/2013	2	4.1	3.8	3.7	3.1	3.2	3.1	4.7	4.2
1/24/2013	3	4.1	3.7	3.7	3.1	3.2	3.1	4.7	4.2
1/24/2013	4	4.1	3.8	3.7	3.2	3.2	3.1	4.7	4.2
1/24/2013	5	4.1	3.8	3.7	3.2	3.3	3.2	4.7	4.1
1/24/2013	6	4.1	3.7	3.7	3.2	3.3	3.2	4.7	4.1
1/24/2013	7	4.1	3.7	3.7	3.2	3.3	3.2	4.7	4.1
1/24/2013	8	4.0	3.7	3.8	3.2	3.3	3.2	4.7	4.1
1/24/2013	9	4.0	3.7	3.8	3.3	3.3	3.3	4.7	4.1
1/24/2013	10	4.0	3.8	3.9	3.4	3.4	3.3	4.7	4.1
1/24/2013	11	4.0	3.8	4.0	3.5	3.4	3.4	4.7	4.1
1/24/2013	12	4.0	3.8	4.2	3.6	3.5	3.5	4.7	4.1
1/24/2013	13	4.1	3.9	4.4	3.7	3.6	3.6	4.7	4.2
1/24/2013	14	4.1	3.9	4.5	3.9	3.8	3.7	4.8	4.2
1/24/2013	15	4.2	4.0	4.6	4.0	3.9	3.9	4.8	4.2
1/24/2013	16	4.2	4.0	4.5	4.0	4.1	4.0	4.8	4.3
1/24/2013	17	4.2	4.0	4.4	4.1	4.2	4.1	4.8	4.3
1/24/2013	18	4.2	4.0	4.2	4.1	4.2	4.1	4.8	4.3
1/24/2013	19	4.2	4.0	4.1	4.1	4.1	4.1	4.8	4.3
1/24/2013	20	4.2	3.9	4.1	4.0	4.0	4.0	4.9	4.3
1/24/2013	21	4.2	4.0	4.1	3.9	3.9	3.9	4.9	4.3
1/24/2013	22	4.3	4.0	4.0	3.8	3.8	3.8	4.9	4.3
1/24/2013	23	4.3	4.0	4.0	3.7	3.7	3.7	4.9	4.3
1/24/2013	24	4.3	4.0	4.0	3.7	3.7	3.7	4.9	4.3
1/25/2013	1	4.3	4.0	4.0	3.7	3.7	3.6	4.9	4.3
1/25/2013	2	4.3	4.0	4.0	3.6	3.7	3.6	4.9	4.3
1/25/2013	3	4.3	4.0	4.0	3.6	3.7	3.6	4.9	4.3
1/25/2013	4	4.2	4.0	4.1	3.6	3.7	3.6	4.9	4.3
1/25/2013	5	4.2	4.0	4.1	3.6	3.7	3.6	4.9	4.3
1/25/2013	6	4.2	3.9	4.1	3.6	3.7	3.6	4.9	4.3
1/25/2013	7	4.2	3.9	4.1	3.6	3.7	3.6	4.9	4.2
1/25/2013	8	4.2	3.9	4.1	3.6	3.7	3.6	4.8	4.2
1/25/2013	9	4.2	4.0	4.1	3.7	3.7	3.6	4.8	4.2
1/25/2013	10	4.2	3.9	4.2	3.7	3.7	3.7	4.8	4.2
1/25/2013	11	4.1	4.0	4.4	3.9	3.8	3.8	4.7	4.1
1/25/2013	12	4.1	4.0	4.7	4.1	4.0	4.1	4.7	4.1
1/25/2013	13	4.1	4.0	4.9	4.2	4.1	4.2	4.7	4.1
1/25/2013	14	4.1	3.9	5.0	4.2	4.2	4.2	4.7	4.1
1/25/2013	15	4.1	3.9	5.0	4.5	4.5	4.4	4.7	4.1
1/25/2013	16	4.1	3.9	4.9	4.7	4.7	4.6	4.7	4.1
1/25/2013	17	4.1	3.9	4.7	4.7	4.8	4.7	4.8	4.1
1/25/2013	18	4.1	3.9	4.5	4.7	4.7	4.7	4.8	4.1
1/25/2013	19	4.0	3.8	4.4	4.6	4.7	4.6	4.8	4.1
1/25/2013	20	4.1	3.8	4.3	4.5	4.5	4.5	4.9	4.2
1/25/2013	21	4.2	3.9	4.2	4.4	4.4	4.4	4.9	4.3
1/25/2013	22	4.2	4.0	4.2	4.2	4.2	4.2	4.9	4.3

## 2013 Chelan River 1st Quarter Hourly Temperature Data

Date	Hour	Low Level Outlet Pipe -Auto- (Deg. C)	Top of Reach 1 -Logger- (Deg. C)	End of Reach 1 -Logger- (Deg. C)	End of Reach 3 -Logger- (Deg. C)	Top of Reach 4 -Logger- (Deg. C)	End of Reach 4 -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
1/25/2013	23	4.2	4.0	4.2	4.1	4.1	4.1	4.9	4.3
1/25/2013	24	4.3	4.0	4.2	4.0	4.0	4.0	4.9	4.3
1/26/2013	1	4.3	4.0	4.2	4.0	4.0	4.0	5.0	4.4
1/26/2013	2	4.3	4.0	4.2	3.9	4.0	3.9	5.0	4.4
1/26/2013	3	4.3	4.0	4.2	3.9	4.0	3.9	5.0	4.5
1/26/2013	4	4.3	4.1	4.2	3.9	4.0	3.9	5.0	4.5
1/26/2013	5	4.3	4.1	4.2	3.9	4.0	3.9	5.0	4.5
1/26/2013	6	4.4	4.1	4.2	3.9	4.0	3.9	5.0	4.5
1/26/2013	7	4.3	4.1	4.2	3.9	3.9	3.9	5.0	4.3
1/26/2013	8	4.3	4.0	4.2	3.9	3.9	3.9	5.0	4.3
1/26/2013	9	4.3	4.1	4.2	3.9	3.9	3.9	5.0	4.4
1/26/2013	10	4.3	4.1	4.3	3.9	3.9	3.9	5.0	4.3
1/26/2013	11	4.3	4.1	4.5	4.1	4.0	4.0	5.0	4.3
1/26/2013	12	4.3	4.1	4.8	4.2	4.0	4.1	5.0	4.3
1/26/2013	13	4.3	4.2	5.0	4.3	4.2	4.2	4.9	4.4
1/26/2013	14	4.3	4.2	5.1	4.5	4.4	4.4	4.9	4.4
1/26/2013	15	4.4	4.2	5.1	4.6	4.6	4.5	4.9	4.4
1/26/2013	16	4.4	4.2	4.9	4.7	4.8	4.7	4.9	4.4
1/26/2013	17	4.3	4.1	4.7	4.8	4.9	4.8	4.9	4.4
1/26/2013	18	4.3	4.1	4.6	4.8	4.8	4.8	5.0	4.4
1/26/2013	19	4.3	4.1	4.5	4.7	4.7	4.7	5.0	4.4
1/26/2013	20	4.3	4.1	4.4	4.6	4.6	4.6	5.0	4.3
1/26/2013	21	4.3	4.1	4.4	4.4	4.4	4.4	5.0	4.4
1/26/2013	22	4.3	4.0	4.3	4.3	4.3	4.3	5.0	4.3
1/26/2013	23	4.3	4.0	4.3	4.2	4.2	4.2	4.9	4.3
1/26/2013	24	4.2	4.0	4.3	4.1	4.2	4.1	4.9	4.3
1/27/2013	1	4.2	4.0	4.3	4.1	4.1	4.1	4.9	4.2
1/27/2013	2	4.2	4.0	4.3	4.1	4.1	4.0	4.9	4.2
1/27/2013	3	4.2	4.0	4.2	4.0	4.1	4.0	4.9	4.2
1/27/2013	4	4.2	3.9	4.2	4.0	4.0	4.0	4.9	4.2
1/27/2013	5	4.2	3.9	4.2	4.0	4.0	4.0	4.8	4.2
1/27/2013	6	4.1	3.9	4.1	4.0	4.0	3.9	4.8	4.1
1/27/2013	7	4.1	3.9	4.1	4.0	4.0	3.9	4.8	4.1
1/27/2013	8	4.1	3.8	4.1	3.9	4.0	3.9	4.8	4.1
1/27/2013	9	4.0	3.8	4.1	3.9	3.9	3.9	4.8	4.2
1/27/2013	10	4.0	3.8	4.3	4.0	3.9	3.9	4.8	4.1
1/27/2013	11	4.0	3.9	4.5	4.1	4.0	4.0	4.8	4.1
1/27/2013	12	4.0	4.0	4.7	4.3	4.1	4.1	4.8	4.2
1/27/2013	13	4.1	4.0	4.9	4.3	4.2	4.2	4.7	4.1
1/27/2013	14	4.1	4.0	4.9	4.5	4.4	4.4	4.8	4.2
1/27/2013	15	4.2	4.0	4.9	4.6	4.6	4.5	4.8	4.4
1/27/2013	16	4.2	4.0	4.7	4.7	4.7	4.6	4.8	4.4
1/27/2013	17	4.3	4.0	4.6	4.7	4.7	4.6	4.9	4.3
1/27/2013	18	4.3	4.0	4.4	4.6	4.7	4.6	4.9	4.4
1/27/2013	19	4.3	4.0	4.3	4.5	4.5	4.5	4.9	4.3
1/27/2013	20	4.3	4.0	4.2	4.4	4.4	4.4	5.0	4.4

## 2013 Chelan River 1st Quarter Hourly Temperature Data

Date	Hour	Low Level Outlet Pipe -Auto- (Deg. C)	Top of Reach 1 -Logger- (Deg. C)	End of Reach 1 -Logger- (Deg. C)	End of Reach 3 -Logger- (Deg. C)	Top of Reach 4 -Logger- (Deg. C)	End of Reach 4 -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
1/27/2013	21	4.3	4.1	4.2	4.2	4.2	4.2	5.0	4.4
1/27/2013	22	4.3	4.1	4.2	4.1	4.1	4.1	5.0	4.4
1/27/2013	23	4.3	4.1	4.2	4.0	4.0	4.0	5.0	4.4
1/27/2013	24	4.3	4.1	4.2	3.9	4.0	3.9	5.0	4.4
1/28/2013	1	4.3	4.1	4.2	3.9	3.9	3.9	5.0	4.4
1/28/2013	2	4.3	4.1	4.2	3.9	3.9	3.9	5.0	4.3
1/28/2013	3	4.3	4.0	4.2	3.9	4.0	3.9	5.0	4.4
1/28/2013	4	4.3	4.0	4.2	3.9	4.0	3.9	5.0	4.4
1/28/2013	5	4.3	4.0	4.1	3.9	3.9	3.9	5.0	4.4
1/28/2013	6	4.3	4.0	4.1	3.9	3.9	3.8	5.0	4.3
1/28/2013	7	4.3	4.0	4.1	3.8	3.9	3.8	5.0	4.3
1/28/2013	8	4.2	3.9	4.0	3.8	3.8	3.7	4.9	4.2
1/28/2013	9	4.2	3.9	4.0	3.8	3.8	3.7	4.9	4.2
1/28/2013	10	4.2	3.9	4.2	3.9	3.8	3.8	4.9	4.2
1/28/2013	11	4.2	4.0	4.3	4.0	3.8	3.9	4.9	4.2
1/28/2013	12	4.2	4.0	4.5	4.0	3.9	3.9	4.9	4.2
1/28/2013	13	4.2	4.1	4.7	4.2	4.0	4.0	4.9	4.3
1/28/2013	14	4.3	4.1	4.8	4.3	4.2	4.2	4.9	4.4
1/28/2013	15	4.4	4.2	4.8	4.4	4.4	4.3	4.9	4.4
1/28/2013	16	4.4	4.2	4.7	4.5	4.5	4.4	4.9	4.5
1/28/2013	17	4.4	4.1	4.5	4.5	4.6	4.4	4.9	4.5
1/28/2013	18	4.4	4.1	4.3	4.5	4.5	4.4	4.9	4.4
1/28/2013	19	4.4	4.1	4.1	4.4	4.4	4.4	4.9	4.4
1/28/2013	20	4.4	4.0	4.0	4.3	4.2	4.2	4.9	4.4
1/28/2013	21	4.4	4.1	4.0	4.1	4.0	4.0	5.0	4.4
1/28/2013	22	4.4	4.1	4.0	3.9	3.9	3.9	5.0	4.4
1/28/2013	23	4.3	4.1	4.0	3.8	3.8	3.7	4.9	4.4
1/28/2013	24	4.3	4.1	4.0	3.7	3.7	3.6	4.9	4.4
1/29/2013	1	4.3	4.0	4.0	3.7	3.7	3.6	4.9	4.4
1/29/2013	2	4.3	4.0	4.0	3.6	3.7	3.6	4.9	4.3
1/29/2013	3	4.3	4.0	3.9	3.6	3.6	3.5	4.9	4.3
1/29/2013	4	4.3	4.0	3.9	3.6	3.6	3.5	4.8	4.2
1/29/2013	5	4.3	4.0	3.9	3.6	3.6	3.5	4.8	4.2
1/29/2013	6	4.2	3.9	3.8	3.5	3.5	3.4	4.8	4.1
1/29/2013	7	4.2	3.8	3.7	3.5	3.5	3.4	4.8	4.1
1/29/2013	8	4.1	3.8	3.7	3.4	3.5	3.4	4.9	4.1
1/29/2013	9	4.1	3.8	3.7	3.4	3.4	3.4	4.9	4.1
1/29/2013	10	4.1	3.9	4.0	3.7	3.5	3.5	4.9	4.1
1/29/2013	11	4.1	3.9	4.4	3.7	3.5	3.6	4.9	4.1
1/29/2013	12	4.2	4.1	4.9	3.9	3.6	3.7	5.0	4.3
1/29/2013	13	4.3	4.2	5.2	4.0	3.9	3.9	5.0	4.4
1/29/2013	14	4.4	4.2	5.4	4.3	4.3	4.3	5.0	4.5
1/29/2013	15	4.5	4.3	5.4	4.6	4.7	4.7	5.1	4.6
1/29/2013	16	4.5	4.4	5.3	4.9	5.1	4.9	5.1	4.7
1/29/2013	17	4.6	4.4	5.1	5.2	5.3	5.1	5.1	4.7
1/29/2013	18	4.6	4.4	4.8	5.2	5.2	5.2	5.2	4.7

## 2013 Chelan River 1st Quarter Hourly Temperature Data

Date	Hour	Low Level Outlet Pipe -Auto- (Deg. C)	Top of Reach 1 -Logger- (Deg. C)	End of Reach 1 -Logger- (Deg. C)	End of Reach 3 -Logger- (Deg. C)	Top of Reach 4 -Logger- (Deg. C)	End of Reach 4 -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
1/29/2013	19	4.6	4.3	4.6	5.1	5.1	5.1	5.2	4.7
1/29/2013	20	4.6	4.4	4.5	4.9	4.9	4.9	5.3	4.7
1/29/2013	21	4.6	4.4	4.4	4.7	4.7	4.7	5.3	4.7
1/29/2013	22	4.6	4.3	4.3	4.5	4.5	4.5	5.3	4.7
1/29/2013	23	4.6	4.3	4.2	4.3	4.3	4.2	5.2	4.7
1/29/2013	24	4.6	4.3	4.1	4.2	4.1	4.1	5.2	4.7
1/30/2013	1	4.6	4.3	4.1	4.0	4.0	4.0	5.2	4.6
1/30/2013	2	4.5	4.3	4.1	3.9	3.9	3.9	5.1	4.6
1/30/2013	3	4.5	4.2	4.0	3.9	3.9	3.8	5.1	4.5
1/30/2013	4	4.4	4.1	4.0	3.7	3.8	3.7	5.0	4.4
1/30/2013	5	4.4	4.1	3.9	3.7	3.7	3.6	5.0	4.4
1/30/2013	6	4.3	4.0	3.9	3.6	3.6	3.5	5.0	4.4
1/30/2013	7	4.3	4.0	3.8	3.6	3.6	3.5	5.0	4.3
1/30/2013	8	4.2	3.9	3.7	3.5	3.5	3.4	5.0	4.2
1/30/2013	9	4.2	3.9	3.6	3.5	3.4	3.3	4.9	4.2
1/30/2013	10	4.1	3.8	3.8	3.6	3.4	3.5	4.9	4.2
1/30/2013	11	4.1	3.8	4.0	3.7	3.4	3.6	4.9	4.2
1/30/2013	12	4.2	3.8	4.3	3.7	3.5	3.7	4.9	4.2
1/30/2013	13	4.2	3.9	4.8	3.7	3.6	3.8	4.9	4.3
1/30/2013	14	4.3	4.0	5.0	3.8	3.9	3.9	4.9	4.4
1/30/2013	15	4.4	4.1	4.9	4.0	4.2	4.1	4.9	4.5
1/30/2013	16	4.4	4.1	4.7	4.4	4.5	4.3	5.0	4.5
1/30/2013	17	4.4	4.1	4.5	4.6	4.7	4.5	5.0	4.6
1/30/2013	18	4.4	4.1	4.3	4.6	4.6	4.6	5.0	4.6
1/30/2013	19	4.4	4.1	4.1	4.5	4.5	4.4	5.0	4.5
1/30/2013	20	4.4	4.1	4.1	4.3	4.2	4.2	5.0	4.5
1/30/2013	21	4.4	4.0	4.0	4.1	4.1	4.1	5.1	4.5
1/30/2013	22	4.4	4.1	4.1	4.0	3.9	3.9	5.1	4.4
1/30/2013	23	4.4	4.1	4.1	3.8	3.8	3.8	5.0	4.4
1/30/2013	24	4.3	4.1	4.1	3.7	3.8	3.7	5.0	4.4
1/31/2013	1	4.3	4.1	4.1	3.7	3.8	3.7	5.0	4.4
1/31/2013	2	4.3	4.0	4.1	3.7	3.8	3.7	5.0	4.4
1/31/2013	3	4.3	4.0	4.1	3.7	3.8	3.7	5.0	4.4
1/31/2013	4	4.3	4.0	4.1	3.7	3.8	3.7	5.0	4.4
1/31/2013	5	4.3	4.0	4.0	3.7	3.8	3.7	5.0	4.4
1/31/2013	6	4.3	4.0	4.0	3.7	3.7	3.6	4.9	4.3
1/31/2013	7	4.3	4.0	3.9	3.7	3.7	3.6	4.9	4.4
1/31/2013	8	4.3	4.0	4.0	3.7	3.7	3.6	4.9	4.4
1/31/2013	9	4.3	4.0	4.0	3.6	3.6	3.6	4.9	4.3
1/31/2013	10	4.3	4.0	4.1	3.7	3.6	3.6	4.9	4.3
1/31/2013	11	4.3	4.1	4.2	3.7	3.7	3.6	4.9	4.3
1/31/2013	12	4.3	4.1	4.4	3.7	3.7	3.7	4.9	4.3
1/31/2013	13	4.3	4.1	4.5	3.9	3.9	3.9	4.9	4.3
1/31/2013	14	4.3	4.1	4.6	4.1	4.1	4.0	4.9	4.4
1/31/2013	15	4.3	4.1	4.7	4.2	4.2	4.2	4.9	4.4
1/31/2013	16	4.3	4.1	4.6	4.3	4.3	4.2	4.9	4.4



## 2013 Chelan River 1st Quarter Hourly Temperature Data

Date	Hour	Low Level Outlet Pipe -Auto- (Deg. C)	Top of Reach 1 -Logger- (Deg. C)	End of Reach 1 -Logger- (Deg. C)	End of Reach 3 -Logger- (Deg. C)	Top of Reach 4 -Logger- (Deg. C)	End of Reach 4 -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
1/31/2013	17	4.3	4.1	4.5	4.3	4.4	4.3	4.9	4.4
1/31/2013	18	4.3	4.1	4.3	4.4	4.4	4.3	4.9	4.4
1/31/2013	19	4.3	4.1	4.2	4.3	4.3	4.3	4.9	4.4
1/31/2013	20	4.3	4.1	4.1	4.2	4.2	4.2	5.0	4.4
1/31/2013	21	4.3	4.0	4.0	4.1	4.1	4.0	5.0	4.4
1/31/2013	22	4.3	4.0	4.0	3.9	3.9	3.9	5.0	4.4
1/31/2013	23	4.3	4.0	3.9	3.8	3.8	3.7	4.9	4.4
1/31/2013	24	4.3	4.0	3.8	3.7	3.7	3.6	4.9	4.3
2/1/2013	1	4.3	3.9	3.8	3.6	3.6	3.5	4.9	4.4
2/1/2013	2	4.2	3.9	3.7	3.5	3.5	3.4	4.9	4.3
2/1/2013	3	4.2	3.9	3.7	3.4	3.4	3.3	4.9	4.3
2/1/2013	4	4.2	3.9	3.7	3.4	3.4	3.3	4.9	4.2
2/1/2013	5	4.1	3.8	3.6	3.3	3.3	3.2	4.8	4.2
2/1/2013	6	4.1	3.8	3.6	3.2	3.3	3.2	4.8	4.2
2/1/2013	7	4.0	3.7	3.6	3.2	3.2	3.1	4.8	4.1
2/1/2013	8	4.0	3.7	3.6	3.2	3.2	3.1	4.8	4.1
2/1/2013	9	4.0	3.7	3.7	3.2	3.2	3.1	4.7	4.0
2/1/2013	10	3.9	3.6	3.8	3.3	3.2	3.2	4.7	3.9
2/1/2013	11	3.9	3.6	4.0	3.4	3.3	3.3	4.7	4.0
2/1/2013	12	3.9	3.6	4.2	3.5	3.5	3.5	4.7	4.0
2/1/2013	13	3.9	3.7	4.6	3.7	3.7	3.8	4.6	4.0
2/1/2013	14	4.0	3.7	4.7	3.9	3.9	4.0	4.6	4.0
2/1/2013	15	4.0	3.7	4.8	4.0	4.1	4.1	4.6	4.1
2/1/2013	16	4.0	3.8	4.6	4.2	4.4	4.2	4.7	4.1
2/1/2013	17	4.0	3.8	4.3	4.4	4.5	4.3	4.7	4.1
2/1/2013	18	4.0	3.8	4.1	4.4	4.4	4.4	4.7	4.1
2/1/2013	19	4.0	3.8	4.0	4.3	4.3	4.2	4.7	4.1
2/1/2013	20	4.0	3.8	3.8	4.1	4.1	4.1	4.7	4.1
2/1/2013	21	4.0	3.8	3.8	3.9	3.9	3.8	4.7	4.1
2/1/2013	22	4.0	3.7	3.7	3.7	3.7	3.6	4.7	4.1
2/1/2013	23	4.0	3.7	3.7	3.5	3.5	3.5	4.7	4.1
2/1/2013	24	4.0	3.7	3.6	3.4	3.4	3.3	4.7	4.1
2/2/2013	1	4.0	3.7	3.6	3.3	3.3	3.2	4.7	4.1
2/2/2013	2	4.0	3.7	3.7	3.2	3.2	3.2	4.7	4.1
2/2/2013	3	4.0	3.7	3.7	3.2	3.2	3.2	4.7	4.1
2/2/2013	4	4.0	3.7	3.7	3.2	3.2	3.1	4.7	4.1
2/2/2013	5	3.9	3.6	3.7	3.2	3.2	3.1	4.7	4.0
2/2/2013	6	3.9	3.6	3.7	3.2	3.2	3.1	4.7	4.0
2/2/2013	7	3.9	3.6	3.7	3.2	3.2	3.1	4.6	4.0
2/2/2013	8	3.9	3.6	3.7	3.2	3.2	3.1	4.6	3.9
2/2/2013	9	3.8	3.6	3.7	3.2	3.3	3.2	4.6	3.9
2/2/2013	10	3.8	3.6	3.9	3.3	3.3	3.2	4.6	3.9
2/2/2013	11	3.8	3.6	4.1	3.4	3.4	3.4	4.6	3.9
2/2/2013	12	3.8	3.7	4.3	3.6	3.5	3.5	4.6	3.9
2/2/2013	13	3.9	3.7	4.5	3.7	3.7	3.7	4.6	3.9
2/2/2013	14	3.9	3.7	4.6	3.9	3.9	3.8	4.6	4.0

## 2013 Chelan River 1st Quarter Hourly Temperature Data

Date	Hour	Low Level Outlet Pipe -Auto- (Deg. C)	Top of Reach 1 -Logger- (Deg. C)	End of Reach 1 -Logger- (Deg. C)	End of Reach 3 -Logger- (Deg. C)	Top of Reach 4 -Logger- (Deg. C)	End of Reach 4 -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
2/2/2013	15	3.9	3.7	4.7	4.1	4.1	4.1	4.6	4.0
2/2/2013	16	3.9	3.7	4.6	4.2	4.2	4.1	4.6	4.0
2/2/2013	17	3.9	3.7	4.4	4.2	4.3	4.2	4.6	4.0
2/2/2013	18	3.9	3.7	4.2	4.3	4.4	4.2	4.6	4.0
2/2/2013	19	3.9	3.7	4.1	4.2	4.2	4.2	4.6	4.0
2/2/2013	20	3.9	3.7	4.0	4.1	4.1	4.1	4.6	4.0
2/2/2013	21	3.9	3.7	4.0	3.9	3.9	3.9	4.6	4.0
2/2/2013	22	3.9	3.7	4.0	3.8	3.8	3.7	4.6	4.0
2/2/2013	23	3.9	3.7	4.0	3.7	3.7	3.6	4.6	4.0
2/2/2013	24	3.9	3.7	4.0	3.6	3.7	3.6	4.6	4.0
2/3/2013	1	3.9	3.7	3.9	3.6	3.6	3.5	4.6	4.0
2/3/2013	2	3.9	3.6	3.9	3.6	3.6	3.5	4.6	4.0
2/3/2013	3	3.9	3.6	3.9	3.5	3.5	3.5	4.6	4.0
2/3/2013	4	3.9	3.6	3.8	3.5	3.5	3.4	4.6	4.0
2/3/2013	5	3.9	3.6	3.8	3.4	3.5	3.4	4.6	3.9
2/3/2013	6	3.8	3.6	3.8	3.4	3.4	3.4	4.6	3.9
2/3/2013	7	3.8	3.6	3.8	3.4	3.4	3.3	4.6	3.9
2/3/2013	8	3.8	3.5	3.8	3.3	3.4	3.3	4.6	3.9
2/3/2013	9	3.8	3.5	3.8	3.3	3.4	3.3	4.6	3.8
2/3/2013	10	3.8	3.5	3.9	3.4	3.4	3.4	4.6	3.9
2/3/2013	11	3.8	3.6	4.1	3.6	3.5	3.5	4.6	4.0
2/3/2013	12	3.9	3.7	4.2	3.7	3.6	3.6	4.6	4.0
2/3/2013	13	3.9	3.8	4.4	3.8	3.7	3.7	4.6	4.1
2/3/2013	14	4.0	3.8	4.5	4.0	3.9	3.9	4.6	4.1
2/3/2013	15	4.0	3.8	4.5	4.1	4.1	4.0	4.6	4.1
2/3/2013	16	4.0	3.9	4.4	4.2	4.2	4.1	4.6	4.2
2/3/2013	17	4.0	3.9	4.3	4.2	4.3	4.2	4.6	4.2
2/3/2013	18	4.1	3.9	4.2	4.2	4.2	4.2	4.6	4.2
2/3/2013	19	4.0	3.9	4.1	4.2	4.2	4.1	4.6	4.1
2/3/2013	20	4.0	3.9	4.1	4.1	4.1	4.1	4.6	4.1
2/3/2013	21	4.0	3.8	4.1	4.0	4.0	4.0	4.6	4.0
2/3/2013	22	4.0	3.8	4.1	3.9	3.9	3.9	4.6	4.0
2/3/2013	23	4.0	3.7	4.1	3.8	3.9	3.8	4.6	4.0
2/3/2013	24	4.0	3.7	4.0	3.8	3.8	3.8	4.6	4.0
2/4/2013	1	4.0	3.7	4.0	3.8	3.8	3.7	4.6	4.0
2/4/2013	2	3.9	3.7	3.9	3.7	3.7	3.7	4.6	4.0
2/4/2013	3	3.9	3.7	3.9	3.7	3.7	3.6	4.6	4.0
2/4/2013	4	3.9	3.7	3.9	3.6	3.6	3.6	4.6	4.0
2/4/2013	5	3.9	3.7	3.9	3.6	3.6	3.5	4.6	4.0
2/4/2013	6	3.9	3.7	3.9	3.5	3.5	3.5	4.6	4.0
2/4/2013	7	3.9	3.7	3.9	3.5	3.5	3.4	4.6	4.0
2/4/2013	8	3.9	3.7	3.9	3.5	3.5	3.4	4.6	3.9
2/4/2013	9	3.9	3.7	4.0	3.6	3.5	3.5	4.7	4.0
2/4/2013	10	3.9	3.8	4.2	3.7	3.6	3.7	4.7	4.0
2/4/2013	11	4.0	3.8	4.5	3.9	3.7	3.8	4.7	4.1
2/4/2013	12	4.0	3.9	4.7	4.1	3.9	4.0	4.7	4.1

## 2013 Chelan River 1st Quarter Hourly Temperature Data

Date	Hour	Low Level Outlet Pipe -Auto- (Deg. C)	Top of Reach 1 -Logger- (Deg. C)	End of Reach 1 -Logger- (Deg. C)	End of Reach 3 -Logger- (Deg. C)	Top of Reach 4 -Logger- (Deg. C)	End of Reach 4 -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
2/4/2013	13	4.1	4.0	4.9	4.3	4.2	4.2	4.7	4.2
2/4/2013	14	4.2	4.1	5.0	4.5	4.5	4.5	4.7	4.3
2/4/2013	15	4.3	4.1	5.0	4.7	4.8	4.7	4.8	4.4
2/4/2013	16	4.3	4.2	4.9	4.9	4.9	4.9	4.8	4.5
2/4/2013	17	4.4	4.2	4.8	5.0	5.0	4.9	4.9	4.5
2/4/2013	18	4.4	4.2	4.6	4.9	4.9	4.9	4.9	4.5
2/4/2013	19	4.4	4.2	4.5	4.9	4.9	4.9	5.0	4.5
2/4/2013	20	4.4	4.2	4.4	4.7	4.7	4.7	5.0	4.5
2/4/2013	21	4.4	4.2	4.4	4.6	4.6	4.6	5.0	4.5
2/4/2013	22	4.4	4.2	4.4	4.5	4.4	4.5	5.0	4.4
2/4/2013	23	4.4	4.2	4.4	4.3	4.3	4.3	5.0	4.4
2/4/2013	24	4.3	4.2	4.4	4.3	4.3	4.3	5.0	4.4
2/5/2013	1	4.3	4.1	4.4	4.2	4.3	4.2	5.0	4.4
2/5/2013	2	4.3	4.1	4.4	4.2	4.2	4.2	5.0	4.4
2/5/2013	3	4.3	4.1	4.3	4.2	4.2	4.1	5.0	4.4
2/5/2013	4	4.3	4.1	4.2	4.2	4.2	4.1	4.9	4.4
2/5/2013	5	4.3	4.1	4.1	4.1	4.1	4.1	4.9	4.3
2/5/2013	6	4.3	4.0	4.1	4.1	4.1	4.0	4.9	4.3
2/5/2013	7	4.3	4.1	4.1	4.0	4.0	4.0	5.0	4.3
2/5/2013	8	4.3	4.1	4.2	3.9	3.9	3.9	5.0	4.3
2/5/2013	9	4.3	4.1	4.3	4.0	4.0	4.0	5.0	4.3
2/5/2013	10	4.3	4.2	4.5	4.1	4.0	4.0	5.0	4.4
2/5/2013	11	4.3	4.2	4.7	4.3	4.2	4.2	5.0	4.4
2/5/2013	12	4.4	4.3	5.0	4.6	4.4	4.5	5.0	4.5
2/5/2013	13	4.4	4.4	5.2	4.8	4.7	4.7	5.0	4.5
2/5/2013	14	4.5	4.4	5.3	5.0	5.0	5.0	5.0	4.6
2/5/2013	15	4.5	4.4	5.4	5.1	5.2	5.2	5.1	4.6
2/5/2013	16	4.6	4.4	5.2	5.3	5.4	5.3	5.1	4.7
2/5/2013	17	4.6	4.4	5.0	5.4	5.5	5.4	5.1	4.7
2/5/2013	18	4.6	4.4	4.8	5.4	5.4	5.3	5.1	4.6
2/5/2013	19	4.6	4.4	4.5	5.2	5.2	5.2	5.1	4.6
2/5/2013	20	4.5	4.3	4.4	5.0	4.9	4.9	5.1	4.6
2/5/2013	21	4.5	4.3	4.3	4.8	4.7	4.7	5.1	4.5
2/5/2013	22	4.4	4.2	4.2	4.5	4.5	4.5	5.1	4.5
2/5/2013	23	4.4	4.2	4.3	4.4	4.3	4.4	5.0	4.4
2/5/2013	24	4.4	4.2	4.3	4.2	4.2	4.2	5.0	4.4
2/6/2013	1	4.4	4.2	4.3	4.1	4.1	4.1	5.0	4.4
2/6/2013	2	4.3	4.1	4.2	4.1	4.1	4.1	4.9	4.4
2/6/2013	3	4.3	4.1	4.3	4.1	4.1	4.1	4.9	4.3
2/6/2013	4	4.3	4.1	4.2	4.1	4.1	4.0	4.9	4.3
2/6/2013	5	4.3	4.0	4.2	4.1	4.1	4.0	4.9	4.3
2/6/2013	6	4.2	4.0	4.1	4.1	4.1	4.0	4.9	4.3
2/6/2013	7	4.2	4.0	4.1	4.0	4.0	4.0	4.9	4.3
2/6/2013	8	4.2	4.0	4.1	4.0	4.0	4.0	4.9	4.2
2/6/2013	9	4.2	4.0	4.2	4.0	4.0	4.0	4.9	4.2
2/6/2013	10	4.2	4.0	4.3	4.0	4.0	4.0	4.9	4.2

## 2013 Chelan River 1st Quarter Hourly Temperature Data

Date	Hour	Low Level Outlet Pipe -Auto- (Deg. C)	Top of Reach 1 -Logger- (Deg. C)	End of Reach 1 -Logger- (Deg. C)	End of Reach 3 -Logger- (Deg. C)	Top of Reach 4 -Logger- (Deg. C)	End of Reach 4 -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
2/6/2013	11	4.2	4.1	4.5	4.1	4.0	4.1	4.9	4.3
2/6/2013	12	4.3	4.2	4.7	4.4	4.2	4.3	4.9	4.3
2/6/2013	13	4.3	4.2	5.0	4.6	4.4	4.5	4.9	4.4
2/6/2013	14	4.4	4.3	5.2	4.8	4.6	4.7	4.9	4.5
2/6/2013	15	4.4	4.3	5.2	4.9	4.9	4.8	5.0	4.5
2/6/2013	16	4.4	4.4	5.1	5.1	5.1	5.0	5.0	4.5
2/6/2013	17	4.5	4.3	4.9	5.2	5.2	5.1	5.0	4.6
2/6/2013	18	4.5	4.3	4.7	5.2	5.2	5.2	5.1	4.6
2/6/2013	19	4.5	4.3	4.6	5.1	5.1	5.1	5.1	4.6
2/6/2013	20	4.5	4.3	4.5	5.0	4.9	5.0	5.1	4.6
2/6/2013	21	4.5	4.3	4.5	4.8	4.8	4.8	5.1	4.6
2/6/2013	22	4.5	4.3	4.5	4.6	4.6	4.6	5.1	4.6
2/6/2013	23	4.4	4.3	4.5	4.5	4.5	4.5	5.1	4.5
2/6/2013	24	4.4	4.3	4.5	4.5	4.5	4.5	5.1	4.5
2/7/2013	1	4.4	4.2	4.5	4.4	4.5	4.4	5.1	4.5
2/7/2013	2	4.4	4.2	4.4	4.4	4.5	4.4	5.1	4.5
2/7/2013	3	4.4	4.2	4.4	4.4	4.4	4.4	5.1	4.5
2/7/2013	4	4.4	4.2	4.4	4.4	4.4	4.4	5.0	4.5
2/7/2013	5	4.4	4.2	4.4	4.4	4.4	4.4	5.0	4.5
2/7/2013	6	4.4	4.2	4.4	4.4	4.4	4.3	5.1	4.5
2/7/2013	7	4.4	4.2	4.3	4.3	4.3	4.3	5.1	4.5
2/7/2013	8	4.4	4.2	4.2	4.3	4.3	4.2	5.1	4.5
2/7/2013	9	4.4	4.2	4.2	4.3	4.2	4.2	5.1	4.4
2/7/2013	10	4.4	4.2	4.5	4.5	4.3	4.5	5.1	4.5
2/7/2013	11	4.4	4.2	4.8	4.7	4.3	4.6	5.2	4.5
2/7/2013	12	4.5	4.3	5.3	4.8	4.4	4.7	5.2	4.6
2/7/2013	13	4.6	4.4	5.6	4.7	4.6	4.8	5.2	4.7
2/7/2013	14	4.7	4.5	5.8	4.9	5.0	5.0	5.2	4.8
2/7/2013	15	4.7	4.6	5.7	5.4	5.6	5.5	5.3	4.9
2/7/2013	16	4.8	4.6	5.5	5.8	5.9	5.8	5.3	4.9
2/7/2013	17	4.8	4.6	5.3	6.0	6.1	6.0	5.3	5.0
2/7/2013	18	4.8	4.6	5.1	6.0	6.0	5.9	5.4	5.0
2/7/2013	19	4.9	4.6	4.8	5.8	5.7	5.8	5.4	4.9
2/7/2013	20	4.8	4.6	4.6	5.5	5.5	5.5	5.4	4.9
2/7/2013	21	4.8	4.6	4.5	5.3	5.1	5.2	5.5	4.9
2/7/2013	22	4.8	4.5	4.4	4.9	4.8	4.9	5.4	4.8
2/7/2013	23	4.7	4.5	4.3	4.7	4.6	4.6	5.4	4.8
2/7/2013	24	4.7	4.4	4.2	4.5	4.4	4.4	5.3	4.7
2/8/2013	1	4.7	4.4	4.1	4.3	4.2	4.2	5.3	4.7
2/8/2013	2	4.6	4.3	4.1	4.1	4.1	4.0	5.2	4.6
2/8/2013	3	4.6	4.3	4.0	4.0	4.0	3.9	5.2	4.6
2/8/2013	4	4.5	4.2	4.0	3.9	3.9	3.8	5.1	4.6
2/8/2013	5	4.5	4.1	3.9	3.8	3.8	3.7	5.1	4.5
2/8/2013	6	4.4	4.1	3.8	3.7	3.7	3.6	5.1	4.5
2/8/2013	7	4.4	4.0	3.8	3.6	3.6	3.5	5.2	4.4
2/8/2013	8	4.4	4.0	3.7	3.5	3.5	3.4	5.2	4.4

## 2013 Chelan River 1st Quarter Hourly Temperature Data

Date	Hour	Low Level Outlet Pipe -Auto- (Deg. C)	Top of Reach 1 -Logger- (Deg. C)	End of Reach 1 -Logger- (Deg. C)	End of Reach 3 -Logger- (Deg. C)	Top of Reach 4 -Logger- (Deg. C)	End of Reach 4 -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
2/8/2013	9	4.3	4.0	3.7	3.5	3.5	3.4	5.2	4.4
2/8/2013	10	4.3	4.0	4.1	3.8	3.5	3.6	5.2	4.4
2/8/2013	11	4.3	4.1	4.5	4.0	3.6	3.8	5.3	4.4
2/8/2013	12	4.3	4.1	4.9	4.0	3.7	3.9	5.4	4.5
2/8/2013	13	4.4	4.2	5.3	4.1	4.0	4.1	5.2	4.4
2/8/2013	14	4.4	4.1	5.5	4.4	4.5	4.5	5.1	4.5
2/8/2013	15	4.5	4.2	5.5	4.8	5.0	4.9	5.1	4.6
2/8/2013	16	4.5	4.3	5.3	5.2	5.5	5.3	5.1	4.6
2/8/2013	17	4.5	4.3	5.0	5.5	5.7	5.5	5.1	4.6
2/8/2013	18	4.5	4.2	4.7	5.5	5.6	5.5	5.2	4.6
2/8/2013	19	4.5	4.2	4.4	5.3	5.3	5.3	5.2	4.6
2/8/2013	20	4.5	4.2	4.2	5.1	4.9	5.0	5.2	4.6
2/8/2013	21	4.5	4.2	4.1	4.7	4.6	4.7	5.2	4.6
2/8/2013	22	4.5	4.1	4.0	4.4	4.3	4.4	5.2	4.6
2/8/2013	23	4.5	4.1	4.0	4.1	4.1	4.1	5.2	4.6
2/8/2013	24	4.5	4.1	4.0	4.0	3.9	3.9	5.2	4.5
2/9/2013	1	4.4	4.2	4.0	3.8	3.8	3.8	5.1	4.5
2/9/2013	2	4.4	4.1	4.0	3.7	3.7	3.6	5.1	4.5
2/9/2013	3	4.4	4.1	3.9	3.7	3.7	3.6	5.1	4.5
2/9/2013	4	4.4	4.1	3.9	3.6	3.7	3.5	5.1	4.4
2/9/2013	5	4.4	4.0	3.8	3.6	3.6	3.5	5.1	4.4
2/9/2013	6	4.3	4.0	3.8	3.6	3.6	3.5	5.0	4.4
2/9/2013	7	4.3	4.0	3.7	3.5	3.5	3.4	5.0	4.3
2/9/2013	8	4.3	4.0	3.8	3.5	3.5	3.4	5.0	4.3
2/9/2013	9	4.2	4.0	3.9	3.5	3.5	3.4	5.0	4.3
2/9/2013	10	4.2	4.0	4.1	3.7	3.5	3.5	5.0	4.2
2/9/2013	11	4.2	4.0	4.5	3.9	3.7	3.9	5.0	4.3
2/9/2013	12	4.2	4.0	4.8	4.1	3.8	4.0	5.0	4.3
2/9/2013	13	4.3	4.1	5.1	4.1	4.0	4.1	5.0	4.4
2/9/2013	14	4.3	4.1	5.3	4.4	4.5	4.5	5.0	4.4
2/9/2013	15	4.4	4.2	5.3	4.7	4.9	4.8	5.0	4.5
2/9/2013	16	4.4	4.2	5.2	5.1	5.3	5.1	5.0	4.5
2/9/2013	17	4.4	4.2	4.9	5.3	5.5	5.3	5.1	4.5
2/9/2013	18	4.4	4.2	4.6	5.3	5.4	5.3	5.1	4.6
2/9/2013	19	4.5	4.2	4.4	5.2	5.2	5.2	5.1	4.6
2/9/2013	20	4.5	4.1	4.1	4.9	4.8	4.9	5.2	4.6
2/9/2013	21	4.5	4.1	4.0	4.6	4.5	4.6	5.2	4.6
2/9/2013	22	4.5	4.1	3.9	4.3	4.2	4.3	5.2	4.6
2/9/2013	23	4.4	4.1	3.9	4.1	4.0	4.0	5.2	4.5
2/9/2013	24	4.4	4.1	3.8	3.9	3.8	3.8	5.1	4.5
2/10/2013	1	4.4	4.1	3.8	3.7	3.7	3.6	5.1	4.5
2/10/2013	2	4.4	4.0	3.7	3.6	3.6	3.5	5.1	4.5
2/10/2013	3	4.4	4.0	3.7	3.5	3.5	3.4	5.1	4.5
2/10/2013	4	4.4	4.0	3.7	3.4	3.4	3.4	5.1	4.4
2/10/2013	5	4.4	4.0	3.6	3.4	3.4	3.3	5.1	4.4
2/10/2013	6	4.3	4.0	3.6	3.3	3.3	3.2	5.1	4.3

## 2013 Chelan River 1st Quarter Hourly Temperature Data

Date	Hour	Low Level Outlet Pipe -Auto- (Deg. C)	Top of Reach 1 -Logger- (Deg. C)	End of Reach 1 -Logger- (Deg. C)	End of Reach 3 -Logger- (Deg. C)	Top of Reach 4 -Logger- (Deg. C)	End of Reach 4 -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
2/10/2013	7	4.3	3.9	3.6	3.3	3.3	3.2	5.1	4.3
2/10/2013	8	4.3	3.9	3.6	3.2	3.2	3.1	5.1	4.3
2/10/2013	9	4.3	3.9	3.7	3.2	3.2	3.2	5.1	4.3
2/10/2013	10	4.2	4.0	4.1	3.6	3.3	3.4	5.1	4.3
2/10/2013	11	4.3	4.0	4.5	3.8	3.4	3.6	5.1	4.3
2/10/2013	12	4.3	4.1	5.0	3.9	3.6	3.9	5.1	4.4
2/10/2013	13	4.4	4.1	5.4	4.1	4.0	4.1	5.1	4.5
2/10/2013	14	4.4	4.2	5.6	4.4	4.6	4.6	5.1	4.5
2/10/2013	15	4.5	4.3	5.6	4.9	5.2	5.1	5.1	4.6
2/10/2013	16	4.5	4.3	5.4	5.4	5.7	5.5	5.2	4.7
2/10/2013	17	4.6	4.4	5.1	5.7	5.9	5.7	5.2	4.7
2/10/2013	18	4.6	4.4	4.8	5.8	5.8	5.8	5.3	4.7
2/10/2013	19	4.6	4.4	4.5	5.6	5.5	5.6	5.3	4.7
2/10/2013	20	4.7	4.4	4.3	5.3	5.2	5.3	5.4	4.8
2/10/2013	21	4.7	4.4	4.2	5.0	4.8	4.9	5.4	4.7
2/10/2013	22	4.7	4.4	4.1	4.7	4.5	4.6	5.4	4.7
2/10/2013	23	4.7	4.3	4.0	4.4	4.2	4.3	5.4	4.7
2/10/2013	24	4.6	4.4	4.0	4.1	4.1	4.0	5.4	4.7
2/11/2013	1	4.6	4.3	4.0	4.0	3.9	3.9	5.3	4.7
2/11/2013	2	4.6	4.3	3.9	3.9	3.9	3.8	5.3	4.7
2/11/2013	3	4.6	4.3	3.9	3.7	3.8	3.7	5.3	4.7
2/11/2013	4	4.5	4.2	3.9	3.7	3.7	3.6	5.3	4.6
2/11/2013	5	4.5	4.2	3.8	3.6	3.6	3.5	5.3	4.6
2/11/2013	6	4.5	4.1	3.8	3.5	3.6	3.4	5.2	4.5
2/11/2013	7	4.4	4.1	3.7	3.5	3.5	3.4	5.2	4.4
2/11/2013	8	4.4	4.1	3.8	3.5	3.5	3.4	5.2	4.4
2/11/2013	9	4.4	4.1	3.9	3.5	3.5	3.5	5.1	4.4
2/11/2013	10	4.4	4.1	4.1	3.6	3.6	3.5	5.1	4.4
2/11/2013	11	4.4	4.2	4.3	3.7	3.7	3.6	5.1	4.4
2/11/2013	12	4.4	4.3	4.6	3.9	3.9	3.9	5.1	4.5
2/11/2013	13	4.4	4.3	4.8	4.2	4.1	4.1	5.0	4.5
2/11/2013	14	4.5	4.4	4.9	4.4	4.4	4.3	5.1	4.5
2/11/2013	15	4.5	4.4	5.0	4.6	4.6	4.5	5.1	4.6
2/11/2013	16	4.6	4.4	5.0	4.8	4.8	4.8	5.1	4.7
2/11/2013	17	4.6	4.4	4.8	4.9	5.0	4.9	5.2	4.7
2/11/2013	18	4.6	4.4	4.6	4.9	5.0	4.9	5.2	4.7
2/11/2013	19	4.6	4.4	4.5	4.9	4.9	4.9	5.2	4.7
2/11/2013	20	4.6	4.4	4.3	4.8	4.8	4.8	5.2	4.7
2/11/2013	21	4.6	4.4	4.2	4.6	4.6	4.6	5.3	4.7
2/11/2013	22	4.6	4.4	4.2	4.5	4.5	4.5	5.3	4.8
2/11/2013	23	4.6	4.4	4.2	4.3	4.3	4.3	5.3	4.8
2/11/2013	24	4.7	4.4	4.2	4.2	4.2	4.1	5.3	4.8
2/12/2013	1	4.7	4.5	4.2	4.1	4.1	4.1	5.3	4.8
2/12/2013	2	4.7	4.5	4.1	4.0	4.1	4.0	5.3	4.8
2/12/2013	3	4.7	4.5	4.2	4.0	4.1	4.0	5.3	4.7
2/12/2013	4	4.7	4.5	4.2	4.0	4.0	4.0	5.3	4.7

## 2013 Chelan River 1st Quarter Hourly Temperature Data

Date	Hour	Low Level Outlet Pipe -Auto- (Deg. C)	Top of Reach 1 -Logger- (Deg. C)	End of Reach 1 -Logger- (Deg. C)	End of Reach 3 -Logger- (Deg. C)	Top of Reach 4 -Logger- (Deg. C)	End of Reach 4 -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
2/12/2013	5	4.7	4.4	4.2	4.0	4.0	4.0	5.3	4.7
2/12/2013	6	4.6	4.4	4.3	4.0	4.1	4.0	5.3	4.7
2/12/2013	7	4.6	4.4	4.3	4.0	4.1	4.0	5.3	4.7
2/12/2013	8	4.6	4.4	4.2	4.1	4.1	4.0	5.3	4.7
2/12/2013	9	4.6	4.4	4.3	4.2	4.2	4.1	5.3	4.7
2/12/2013	10	4.6	4.5	4.4	4.3	4.2	4.2	5.3	4.7
2/12/2013	11	4.7	4.5	4.6	4.5	4.4	4.4	5.4	4.8
2/12/2013	12	4.7	4.6	4.9	4.6	4.5	4.6	5.4	4.8
2/12/2013	13	4.8	4.6	5.1	4.8	4.7	4.7	5.4	4.9
2/12/2013	14	4.9	4.7	5.3	4.9	4.9	4.9	5.4	5.0
2/12/2013	15	4.9	4.7	5.3	5.1	5.1	5.1	5.5	5.1
2/12/2013	16	5.0	4.8	5.2	5.3	5.4	5.3	5.5	5.1
2/12/2013	17	5.0	4.8	5.1	5.4	5.5	5.4	5.5	5.1
2/12/2013	18	5.0	4.8	4.9	5.5	5.5	5.4	5.5	5.1
2/12/2013	19	5.0	4.8	4.7	5.4	5.4	5.4	5.6	5.1
2/12/2013	20	5.0	4.8	4.6	5.2	5.2	5.2	5.6	5.1
2/12/2013	21	5.0	4.8	4.5	5.1	5.0	5.0	5.6	5.1
2/12/2013	22	5.0	4.8	4.5	4.9	4.8	4.8	5.6	5.1
2/12/2013	23	5.0	4.7	4.4	4.7	4.7	4.6	5.6	5.0
2/12/2013	24	4.9	4.7	4.4	4.5	4.6	4.5	5.5	5.0
2/13/2013	1	4.9	4.7	4.3	4.5	4.5	4.4	5.5	5.0
2/13/2013	2	4.9	4.6	4.4	4.4	4.4	4.3	5.4	4.9
2/13/2013	3	4.8	4.7	4.4	4.3	4.3	4.2	5.4	4.8
2/13/2013	4	4.8	4.5	4.4	4.2	4.3	4.2	5.4	4.8
2/13/2013	5	4.8	4.5	4.3	4.2	4.3	4.2	5.4	4.8
2/13/2013	6	4.7	4.5	4.2	4.2	4.3	4.1	5.4	4.8
2/13/2013	7	4.7	4.5	4.2	4.2	4.2	4.1	5.4	4.7
2/13/2013	8	4.7	4.4	4.1	4.2	4.2	4.1	5.4	4.7
2/13/2013	9	4.7	4.5	4.2	4.2	4.1	4.1	5.4	4.7
2/13/2013	10	4.7	4.5	4.4	4.3	4.2	4.2	5.4	4.8
2/13/2013	11	4.7	4.6	4.7	4.5	4.2	4.4	5.4	4.8
2/13/2013	12	4.8	4.8	5.2	4.8	4.5	4.6	5.4	4.8
2/13/2013	13	4.8	4.9	5.4	4.9	4.7	4.9	5.5	4.9
2/13/2013	14	4.9	4.9	5.6	5.2	5.2	5.1	5.5	5.1
2/13/2013	15	5.0	4.9	5.7	5.6	5.6	5.5	5.5	5.2
2/13/2013	16	5.0	5.0	5.6	5.9	5.9	5.8	5.6	5.2
2/13/2013	17	5.1	4.9	5.3	6.0	6.1	5.9	5.6	5.3
2/13/2013	18	5.1	4.9	5.1	6.1	6.1	6.0	5.7	5.3
2/13/2013	19	5.1	4.8	4.8	5.9	5.9	5.9	5.7	5.2
2/13/2013	20	5.1	4.8	4.6	5.7	5.6	5.7	5.7	5.2
2/13/2013	21	5.1	4.8	4.5	5.4	5.3	5.4	5.7	5.2
2/13/2013	22	5.0	4.7	4.4	5.1	5.0	5.0	5.7	5.1
2/13/2013	23	5.0	4.7	4.3	4.8	4.7	4.7	5.7	5.1
2/13/2013	24	5.0	4.6	4.3	4.5	4.5	4.5	5.6	5.0
2/14/2013	1	5.0	4.5	4.2	4.4	4.4	4.3	5.6	4.9
2/14/2013	2	4.9	4.4	4.2	4.2	4.2	4.2	5.5	4.9

## 2013 Chelan River 1st Quarter Hourly Temperature Data

Date	Hour	Low Level Outlet Pipe -Auto- (Deg. C)	Top of Reach 1 -Logger- (Deg. C)	End of Reach 1 -Logger- (Deg. C)	End of Reach 3 -Logger- (Deg. C)	Top of Reach 4 -Logger- (Deg. C)	End of Reach 4 -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
2/14/2013	3	4.9	4.4	4.2	4.1	4.2	4.1	5.5	4.8
2/14/2013	4	4.8	4.5	4.2	4.1	4.1	4.1	5.4	4.8
2/14/2013	5	4.8	4.4	4.3	4.0	4.1	4.0	5.4	4.8
2/14/2013	6	4.8	4.5	4.3	4.0	4.1	4.0	5.4	4.8
2/14/2013	7	4.7	4.4	4.3	4.1	4.1	4.0	5.4	4.8
2/14/2013	8	4.7	4.4	4.3	4.1	4.1	4.0	5.5	4.8
2/14/2013	9	4.7	4.4	4.4	4.2	4.2	4.2	5.5	4.8
2/14/2013	10	4.7	4.5	4.6	4.6	4.3	4.4	5.5	4.8
2/14/2013	11	4.8	4.5	4.9	4.7	4.4	4.6	5.5	4.9
2/14/2013	12	4.9	4.6	5.3	4.7	4.5	4.8	5.6	5.0
2/14/2013	13	4.9	4.7	5.6	4.8	4.7	4.9	5.6	5.1
2/14/2013	14	5.0	4.8	5.7	5.1	5.2	5.3	5.7	5.2
2/14/2013	15	5.1	4.9	5.7	5.5	5.7	5.6	5.7	5.3
2/14/2013	16	5.2	5.0	5.6	5.9	6.1	5.9	5.8	5.3
2/14/2013	17	5.2	5.0	5.3	6.2	6.3	6.1	5.9	5.3
2/14/2013	18	5.2	5.0	5.1	6.2	6.2	6.2	6.0	5.3
2/14/2013	19	5.2	5.0	4.9	6.0	6.0	6.0	6.0	5.2
2/14/2013	20	5.2	5.0	4.7	5.7	5.7	5.7	6.1	5.3
2/14/2013	21	5.2	4.9	4.6	5.5	5.4	5.4	6.2	5.3
2/14/2013	22	5.1	4.9	4.5	5.2	5.1	5.2	6.1	5.2
2/14/2013	23	5.1	4.9	4.5	4.9	4.9	4.9	6.1	5.2
2/14/2013	24	5.1	4.8	4.4	4.7	4.7	4.7	6.1	5.2
2/15/2013	1	5.1	4.8	4.4	4.6	4.6	4.5	6.0	5.2
2/15/2013	2	5.0	4.7	4.3	4.5	4.5	4.4	6.0	5.1
2/15/2013	3	5.0	4.6	4.3	4.4	4.4	4.3	6.0	5.0
2/15/2013	4	5.0	4.6	4.2	4.3	4.3	4.2	5.9	5.0
2/15/2013	5	4.9	4.6	4.2	4.2	4.2	4.1	5.9	5.0
2/15/2013	6	4.9	4.6	4.2	4.1	4.2	4.1	5.9	5.0
2/15/2013	7	4.9	4.6	4.1	4.1	4.1	4.0	5.9	4.8
2/15/2013	8	4.8	4.5	4.1	4.1	4.1	4.0	5.8	5.0
2/15/2013	9	4.8	4.5	4.2	4.1	4.1	4.0	5.8	4.9
2/15/2013	10	4.8	4.6	4.6	4.5	4.1	4.3	5.8	4.8
2/15/2013	11	4.8	4.6	4.9	4.5	4.2	4.5	5.8	4.8
2/15/2013	12	4.8	4.6	5.3	4.5	4.4	4.6	5.9	5.0
2/15/2013	13	4.9	4.7	5.6	4.7	4.7	4.9	5.7	4.9
2/15/2013	14	4.9	4.7	5.8	5.1	5.3	5.3	5.7	5.0
2/15/2013	15	5.0	4.8	5.8	5.6	5.8	5.7	6.0	5.1
2/15/2013	16	5.0	4.8	5.6	6.1	6.3	6.1	6.0	5.1
2/15/2013	17	5.0	4.8	5.3	6.4	6.5	6.3	5.9	5.1
2/15/2013	18	5.0	4.8	5.1	6.4	6.4	6.3	5.9	5.1
2/15/2013	19	5.1	4.9	4.8	6.1	6.1	6.1	5.9	4.9
2/15/2013	20	5.1	4.9	4.7	5.8	5.7	5.8	5.9	5.1
2/15/2013	21	5.1	4.9	4.5	5.5	5.4	5.5	6.0	5.2
2/15/2013	22	5.0	4.8	4.5	5.2	5.1	5.2	6.0	5.2
2/15/2013	23	5.0	4.8	4.4	4.9	4.8	4.9	6.1	5.1
2/15/2013	24	5.0	4.8	4.4	4.7	4.6	4.6	6.0	5.1



## 2013 Chelan River 1st Quarter Hourly Temperature Data

Date	Hour	Low Level Outlet Pipe -Auto- (Deg. C)	Top of Reach 1 -Logger- (Deg. C)	End of Reach 1 -Logger- (Deg. C)	End of Reach 3 -Logger- (Deg. C)	Top of Reach 4 -Logger- (Deg. C)	End of Reach 4 -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
2/16/2013	1	5.0	4.7	4.3	4.5	4.5	4.5	5.9	5.1
2/16/2013	2	5.0	4.7	4.3	4.4	4.4	4.4	6.0	5.1
2/16/2013	3	4.9	4.7	4.2	4.3	4.3	4.2	6.1	5.0
2/16/2013	4	4.9	4.6	4.2	4.2	4.2	4.2	6.0	5.0
2/16/2013	5	4.9	4.6	4.1	4.1	4.2	4.1	5.9	5.0
2/16/2013	6	4.9	4.6	4.1	4.1	4.1	4.0	5.9	4.9
2/16/2013	7	4.8	4.5	4.1	4.0	4.0	3.9	5.9	4.9
2/16/2013	8	4.8	4.5	4.1	4.0	4.0	3.9	5.8	4.9
2/16/2013	9	4.8	4.6	4.2	4.1	4.0	4.0	5.7	4.9
2/16/2013	10	4.8	4.6	4.5	4.2	4.1	4.1	5.7	4.8
2/16/2013	11	4.8	4.7	4.8	4.4	4.2	4.2	5.8	4.9
2/16/2013	12	4.8	4.7	5.1	4.6	4.5	4.7	5.9	5.0
2/16/2013	13	4.8	4.7	5.5	4.9	4.8	5.0	5.8	4.9
2/16/2013	14	4.9	4.8	5.7	5.1	5.2	5.3	5.6	5.0
2/16/2013	15	4.9	4.8	5.8	5.4	5.6	5.6	5.8	5.1
2/16/2013	16	5.0	4.8	5.6	5.9	6.1	5.9	6.0	5.2
2/16/2013	17	5.0	4.8	5.4	6.2	6.4	6.1	5.8	5.1
2/16/2013	18	5.0	4.8	5.1	6.3	6.3	6.3	5.7	5.1
2/16/2013	19	5.0	4.8	4.9	6.1	6.1	6.1	5.8	5.1
2/16/2013	20	5.0	4.8	4.7	5.8	5.8	5.8	5.9	5.0
2/16/2013	21	5.0	4.8	4.5	5.5	5.5	5.5	6.0	5.1
2/16/2013	22	5.0	4.8	4.5	5.2	5.2	5.2	5.9	5.1
2/16/2013	23	5.0	4.8	4.4	4.9	4.9	4.9	5.9	5.1
2/16/2013	24	5.0	4.8	4.4	4.7	4.7	4.7	5.9	5.1
2/17/2013	1	5.0	4.8	4.4	4.6	4.6	4.5	5.9	5.1
2/17/2013	2	5.0	4.8	4.3	4.5	4.5	4.4	5.9	5.1
2/17/2013	3	5.0	4.8	4.3	4.4	4.4	4.4	5.9	5.1
2/17/2013	4	5.0	4.7	4.2	4.4	4.4	4.3	5.9	5.0
2/17/2013	5	5.0	4.7	4.2	4.3	4.3	4.2	6.0	5.0
2/17/2013	6	4.9	4.7	4.1	4.2	4.2	4.1	6.0	5.0
2/17/2013	7	4.9	4.6	4.1	4.1	4.1	4.0	6.0	4.9
2/17/2013	8	4.9	4.6	4.1	4.1	4.1	4.0	5.9	4.9
2/17/2013	9	4.8	4.5	4.2	4.2	4.1	4.0	5.8	4.9
2/17/2013	10	4.8	4.6	4.7	4.4	4.1	4.3	5.8	4.8
2/17/2013	11	4.8	4.7	5.1	4.5	4.2	4.5	5.8	4.9
2/17/2013	12	4.9	4.7	5.5	4.6	4.5	4.7	5.9	5.0
2/17/2013	13	4.9	4.8	5.9	4.9	4.9	5.1	5.8	5.0
2/17/2013	14	5.0	4.9	6.2	5.4	5.5	5.5	5.8	5.1
2/17/2013	15	5.1	4.9	6.3	5.9	6.2	6.1	6.1	5.2
2/17/2013	16	5.1	5.0	6.0	6.5	6.7	6.5	6.0	5.3
2/17/2013	17	5.2	5.0	5.7	6.8	6.9	6.8	6.0	5.2
2/17/2013	18	5.2	5.0	5.4	6.8	6.8	6.8	6.0	5.3
2/17/2013	19	5.3	5.0	5.1	6.6	6.5	6.6	6.1	5.3
2/17/2013	20	5.3	5.1	4.8	6.2	6.1	6.2	6.1	5.3
2/17/2013	21	5.3	5.0	4.7	5.8	5.7	5.8	6.1	5.3
2/17/2013	22	5.3	5.0	4.6	5.4	5.3	5.4	6.2	5.3

## 2013 Chelan River 1st Quarter Hourly Temperature Data

Date	Hour	Low Level Outlet Pipe -Auto- (Deg. C)	Top of Reach 1 -Logger- (Deg. C)	End of Reach 1 -Logger- (Deg. C)	End of Reach 3 -Logger- (Deg. C)	Top of Reach 4 -Logger- (Deg. C)	End of Reach 4 -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
2/17/2013	23	5.3	5.0	4.5	5.1	5.0	5.1	6.3	5.2
2/17/2013	24	5.3	5.0	4.5	4.8	4.8	4.8	6.2	5.2
2/18/2013	1	5.2	4.9	4.4	4.6	4.6	4.6	6.1	5.3
2/18/2013	2	5.2	4.9	4.4	4.5	4.5	4.4	6.1	5.3
2/18/2013	3	5.1	4.9	4.3	4.4	4.4	4.3	6.2	5.2
2/18/2013	4	5.1	4.8	4.3	4.3	4.3	4.2	6.1	5.0
2/18/2013	5	5.1	4.8	4.2	4.2	4.3	4.2	6.0	5.2
2/18/2013	6	5.0	4.7	4.2	4.2	4.2	4.1	6.0	5.1
2/18/2013	7	5.0	4.7	4.2	4.1	4.1	4.0	5.9	5.0
2/18/2013	8	4.9	4.7	4.1	4.1	4.1	4.0	5.8	5.0
2/18/2013	9	4.9	4.7	4.2	4.1	4.1	4.1	5.7	4.9
2/18/2013	10	4.9	4.7	4.4	4.2	4.1	4.2	5.7	4.9
2/18/2013	11	4.9	4.8	4.7	4.4	4.2	4.3	5.6	5.0
2/18/2013	12	5.0	4.8	4.9	4.5	4.4	4.4	5.5	5.1
2/18/2013	13	5.0	4.9	5.1	4.8	4.7	4.7	5.6	5.1
2/18/2013	14	5.1	5.0	5.2	5.0	4.9	4.9	5.6	5.1
2/18/2013	15	5.1	5.0	5.3	5.2	5.2	5.1	5.6	5.2
2/18/2013	16	5.1	5.1	5.3	5.4	5.4	5.3	5.6	5.2
2/18/2013	17	5.2	5.0	5.2	5.4	5.5	5.4	5.6	5.2
2/18/2013	18	5.2	5.0	5.1	5.5	5.5	5.5	5.7	5.2
2/18/2013	19	5.1	5.0	4.9	5.5	5.5	5.5	5.7	5.2
2/18/2013	20	5.1	5.0	4.8	5.4	5.4	5.4	5.7	5.2
2/18/2013	21	5.1	4.9	4.7	5.2	5.2	5.2	5.7	5.1
2/18/2013	22	5.1	4.9	4.6	5.1	5.1	5.1	5.7	5.1
2/18/2013	23	5.1	4.9	4.6	4.9	4.9	4.9	5.7	5.1
2/18/2013	24	5.0	4.8	4.6	4.8	4.8	4.8	5.7	5.1
2/19/2013	1	5.0	4.8	4.6	4.7	4.7	4.7	5.7	5.1
2/19/2013	2	5.0	4.8	4.6	4.6	4.7	4.6	5.7	5.1
2/19/2013	3	5.0	4.8	4.6	4.6	4.6	4.6	5.7	5.2
2/19/2013	4	5.1	4.9	4.6	4.6	4.6	4.6	5.7	5.2
2/19/2013	5	5.1	4.8	4.5	4.6	4.6	4.5	5.7	5.2
2/19/2013	6	5.1	4.8	4.4	4.5	4.6	4.5	5.7	5.2
2/19/2013	7	5.1	4.8	4.4	4.5	4.5	4.5	5.7	5.2
2/19/2013	8	5.1	4.8	4.4	4.5	4.5	4.4	5.7	5.1
2/19/2013	9	5.0	4.8	4.5	4.5	4.5	4.5	5.7	5.1
2/19/2013	10	5.1	4.9	4.7	4.6	4.5	4.5	5.7	5.2
2/19/2013	11	5.1	5.0	5.1	4.7	4.6	4.7	5.7	5.2
2/19/2013	12	5.1	5.1	5.3	4.8	4.7	4.7	5.7	5.2
2/19/2013	13	5.2	5.2	5.7	5.2	5.1	5.1	5.8	5.3
2/19/2013	14	5.2	5.2	5.9	5.4	5.3	5.3	5.8	5.4
2/19/2013	15	5.3	5.2	5.9	5.6	5.6	5.5	5.8	5.4
2/19/2013	16	5.3	5.3	5.8	5.8	5.8	5.7	5.9	5.5
2/19/2013	17	5.4	5.3	5.6	5.9	5.9	5.8	5.9	5.5
2/19/2013	18	5.4	5.2	5.4	5.9	5.9	5.9	5.9	5.5
2/19/2013	19	5.4	5.2	5.2	5.8	5.8	5.8	6.0	5.5
2/19/2013	20	5.4	5.2	5.0	5.7	5.7	5.7	6.0	5.5

## 2013 Chelan River 1st Quarter Hourly Temperature Data

Date	Hour	Low Level Outlet Pipe -Auto- (Deg. C)	Top of Reach 1 -Logger- (Deg. C)	End of Reach 1 -Logger- (Deg. C)	End of Reach 3 -Logger- (Deg. C)	Top of Reach 4 -Logger- (Deg. C)	End of Reach 4 -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
2/19/2013	21	5.4	5.1	4.8	5.5	5.5	5.4	6.0	5.4
2/19/2013	22	5.3	5.1	4.7	5.3	5.2	5.2	5.9	5.4
2/19/2013	23	5.3	5.0	4.6	5.1	5.0	5.0	5.9	5.3
2/19/2013	24	5.3	4.9	4.4	4.9	4.8	4.8	5.8	5.3
2/20/2013	1	5.2	4.9	4.4	4.7	4.6	4.6	5.8	5.2
2/20/2013	2	5.1	4.8	4.3	4.5	4.5	4.4	5.7	5.2
2/20/2013	3	5.1	4.8	4.2	4.4	4.3	4.2	5.7	5.2
2/20/2013	4	5.1	4.7	4.1	4.2	4.2	4.1	5.7	5.1
2/20/2013	5	5.1	4.7	4.1	4.1	4.1	4.0	5.7	5.1
2/20/2013	6	5.0	4.6	4.0	4.0	4.0	3.9	5.7	5.1
2/20/2013	7	5.0	4.6	3.9	3.9	3.9	3.8	5.6	5.0
2/20/2013	8	5.0	4.5	3.9	3.9	3.8	3.7	5.6	5.0
2/20/2013	9	5.0	4.6	4.1	4.0	3.8	3.8	5.6	5.0
2/20/2013	10	5.0	4.7	4.6	4.4	3.9	4.0	5.6	5.0
2/20/2013	11	5.0	4.8	5.1	4.6	3.9	4.2	5.6	5.1
2/20/2013	12	5.1	4.9	5.7	4.7	4.2	4.4	5.6	5.2
2/20/2013	13	5.2	5.0	6.3	4.9	4.7	4.8	5.7	5.3
2/20/2013	14	5.3	5.1	6.6	5.1	5.2	5.2	5.8	5.4
2/20/2013	15	5.4	5.2	6.6	5.5	5.8	5.6	5.8	5.5
2/20/2013	16	5.4	5.3	6.2	6.0	6.3	6.0	5.9	5.6
2/20/2013	17	5.5	5.3	5.9	6.3	6.5	6.3	5.9	5.6
2/20/2013	18	5.5	5.3	5.5	6.4	6.4	6.3	6.0	5.6
2/20/2013	19	5.5	5.3	5.2	6.2	6.2	6.2	6.1	5.6
2/20/2013	20	5.5	5.2	4.9	5.9	5.8	5.9	6.1	5.6
2/20/2013	21	5.4	5.2	4.8	5.7	5.5	5.6	6.0	5.5
2/20/2013	22	5.4	5.1	4.6	5.4	5.2	5.2	6.0	5.4
2/20/2013	23	5.4	5.1	4.5	5.1	4.9	4.9	5.9	5.4
2/20/2013	24	5.3	5.0	4.5	4.8	4.7	4.7	5.8	5.3
2/21/2013	1	5.2	4.9	4.4	4.6	4.6	4.5	5.8	5.2
2/21/2013	2	5.2	4.9	4.4	4.5	4.4	4.4	5.7	5.2
2/21/2013	3	5.1	4.8	4.3	4.4	4.3	4.2	5.7	5.1
2/21/2013	4	5.0	4.7	4.2	4.3	4.2	4.1	5.6	5.1
2/21/2013	5	5.0	4.5	4.1	4.2	4.2	4.1	5.6	5.0
2/21/2013	6	4.9	4.6	4.1	4.1	4.1	4.0	5.6	5.0
2/21/2013	7	4.9	4.6	4.1	4.0	4.0	4.0	5.6	5.0
2/21/2013	8	4.9	4.6	4.1	4.0	4.0	3.9	5.6	4.9
2/21/2013	9	4.9	4.6	4.2	4.1	4.0	3.9	5.6	4.9
2/21/2013	10	4.9	4.7	4.5	4.2	4.1	4.1	5.6	4.9
2/21/2013	11	4.9	4.7	5.0	4.6	4.2	4.4	5.6	5.0
2/21/2013	12	5.0	4.8	5.5	4.8	4.3	4.6	5.6	5.1
2/21/2013	13	5.1	4.9	6.2	4.8	4.6	4.7	5.7	5.2
2/21/2013	14	5.2	4.9	6.5	5.0	5.1	5.1	5.9	5.4
2/21/2013	15	5.3	5.1	6.5	5.4	5.7	5.6	6.0	5.5
2/21/2013	16	5.4	5.2	6.2	5.8	6.2	6.0	6.1	5.6
2/21/2013	17	5.4	5.2	5.9	6.2	6.5	6.2	6.2	5.6
2/21/2013	18	5.5	5.2	5.5	6.3	6.4	6.3	6.4	5.6

## 2013 Chelan River 1st Quarter Hourly Temperature Data

Date	Hour	Low Level Outlet Pipe -Auto- (Deg. C)	Top of Reach 1 -Logger- (Deg. C)	End of Reach 1 -Logger- (Deg. C)	End of Reach 3 -Logger- (Deg. C)	Top of Reach 4 -Logger- (Deg. C)	End of Reach 4 -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
2/21/2013	19	5.5	5.2	5.2	6.2	6.2	6.2	6.5	5.5
2/21/2013	20	5.5	5.2	5.0	6.0	5.9	5.9	6.4	5.5
2/21/2013	21	5.4	5.2	4.9	5.7	5.6	5.6	6.4	5.5
2/21/2013	22	5.4	5.2	4.8	5.4	5.3	5.3	6.4	5.5
2/21/2013	23	5.4	5.1	4.7	5.2	5.1	5.1	6.4	5.4
2/21/2013	24	5.4	5.1	4.7	5.0	4.9	4.9	6.3	5.3
2/22/2013	1	5.4	5.0	4.7	4.8	4.8	4.7	6.3	5.4
2/22/2013	2	5.4	5.1	4.7	4.7	4.7	4.7	6.3	5.4
2/22/2013	3	5.4	5.1	4.7	4.7	4.7	4.6	6.3	5.3
2/22/2013	4	5.3	5.0	4.7	4.6	4.7	4.6	6.3	5.3
2/22/2013	5	5.3	5.0	4.6	4.6	4.6	4.6	6.2	5.4
2/22/2013	6	5.3	5.0	4.6	4.6	4.6	4.6	6.2	5.3
2/22/2013	7	5.2	5.0	4.6	4.6	4.6	4.5	6.1	5.2
2/22/2013	8	5.2	4.9	4.6	4.6	4.6	4.5	6.1	5.3
2/22/2013	9	5.2	5.0	4.7	4.6	4.6	4.6	6.1	5.3
2/22/2013	10	5.1	5.0	5.0	4.8	4.6	4.7	6.1	5.2
2/22/2013	11	5.1	5.1	5.3	4.9	4.7	4.7	6.1	5.3
2/22/2013	12	5.1	5.1	5.6	5.2	5.0	5.0	6.1	5.4
2/22/2013	13	5.1	5.2	6.1	5.5	5.3	5.4	6.0	5.2
2/22/2013	14	5.2	5.2	6.2	5.7	5.6	5.7	5.9	5.3
2/22/2013	15	5.3	5.2	6.5	5.9	6.0	6.1	6.2	5.4
2/22/2013	16	5.3	5.3	6.4	6.2	6.3	6.3	6.3	5.7
2/22/2013	17	5.4	5.3	6.1	6.3	6.4	6.3	6.1	5.4
2/22/2013	18	5.4	5.2	5.8	6.4	6.5	6.4	6.0	5.5
2/22/2013	19	5.4	5.2	5.5	6.4	6.4	6.4	6.2	5.3
2/22/2013	20	5.4	5.2	5.1	6.3	6.2	6.2	6.3	5.3
2/22/2013	21	5.4	5.2	4.9	6.1	5.9	6.0	6.3	5.5
2/22/2013	22	5.4	5.2	4.8	5.8	5.6	5.7	6.3	5.5
2/22/2013	23	5.4	5.2	4.7	5.5	5.3	5.3	6.2	5.3
2/22/2013	24	5.4	5.1	4.7	5.2	5.0	4.9	6.2	5.4
2/23/2013	1	5.3	5.0	4.6	4.9	4.8	4.7	6.2	5.4
2/23/2013	2	5.3	5.0	4.5	4.8	4.7	4.6	6.2	5.4
2/23/2013	3	5.2	5.0	4.4	4.6	4.6	4.5	6.2	5.3
2/23/2013	4	5.1	4.7	4.4	4.5	4.5	4.4	6.2	5.2
2/23/2013	5	5.1	4.7	4.4	4.4	4.4	4.3	6.1	5.2
2/23/2013	6	5.0	4.6	4.3	4.3	4.3	4.2	6.0	5.0
2/23/2013	7	4.9	4.5	4.3	4.3	4.3	4.2	5.8	4.9
2/23/2013	8	4.8	4.5	4.2	4.2	4.2	4.1	5.8	4.9
2/23/2013	9	4.8	4.5	4.5	4.5	4.3	4.3	5.8	4.9
2/23/2013	10	4.8	4.6	5.0	4.9	4.4	4.6	5.7	4.8
2/23/2013	11	4.8	4.7	5.6	5.1	4.5	4.8	5.7	4.9
2/23/2013	12	4.9	4.7	6.2	5.3	4.8	5.1	6.0	5.1
2/23/2013	13	5.0	4.9	6.8	5.5	5.3	5.4	5.7	5.0
2/23/2013	14	5.1	4.9	7.0	5.8	5.9	5.9	5.8	5.1
2/23/2013	15	5.2	5.1	7.0	6.3	6.5	6.5	6.0	5.3
2/23/2013	16	5.2	5.1	6.6	6.7	7.0	6.8	6.2	5.4

## 2013 Chelan River 1st Quarter Hourly Temperature Data

Date	Hour	Low Level Outlet Pipe -Auto- (Deg. C)	Top of Reach 1 -Logger- (Deg. C)	End of Reach 1 -Logger- (Deg. C)	End of Reach 3 -Logger- (Deg. C)	Top of Reach 4 -Logger- (Deg. C)	End of Reach 4 -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
2/23/2013	17	5.3	5.0	6.1	7.0	7.1	7.0	5.9	5.3
2/23/2013	18	5.3	5.0	5.6	7.0	7.0	7.0	5.9	5.3
2/23/2013	19	5.3	5.0	5.2	6.8	6.7	6.7	6.0	5.3
2/23/2013	20	5.3	5.1	4.9	6.5	6.2	6.3	6.2	5.1
2/23/2013	21	5.3	5.0	4.7	6.1	5.8	5.9	6.2	5.3
2/23/2013	22	5.3	5.0	4.7	5.7	5.4	5.5	6.1	5.4
2/23/2013	23	5.4	5.1	4.6	5.3	5.1	5.1	6.1	5.2
2/23/2013	24	5.5	5.1	4.6	5.0	4.9	4.9	6.1	4.9
2/24/2013	1	5.5	5.0	4.6	4.8	4.7	4.7	6.2	5.4
2/24/2013	2	5.5	5.0	4.6	4.7	4.7	4.6	6.3	5.5
2/24/2013	3	5.4	5.1	4.7	4.6	4.6	4.6	6.4	5.4
2/24/2013	4	5.4	5.1	4.7	4.6	4.6	4.5	6.4	5.4
2/24/2013	5	5.4	5.1	4.8	4.6	4.6	4.5	6.3	5.5
2/24/2013	6	5.3	5.1	4.8	4.6	4.6	4.6	6.3	5.4
2/24/2013	7	5.2	4.9	4.9	4.6	4.7	4.6	6.2	5.3
2/24/2013	8	5.2	5.0	5.0	4.8	4.8	4.7	6.2	5.3
2/24/2013	9	5.2	5.0	5.2	5.0	4.9	4.9	6.2	5.3
2/24/2013	10	5.2	5.1	5.4	5.2	5.0	5.0	6.1	5.2
2/24/2013	11	5.1	5.1	5.4	5.2	5.1	5.1	6.0	5.2
2/24/2013	12	5.1	5.1	5.5	5.4	5.3	5.2	6.1	5.3
2/24/2013	13	5.2	5.1	5.5	5.5	5.5	5.4	6.1	5.2
2/24/2013	14	5.2	5.1	5.5	5.7	5.6	5.5	5.9	5.2
2/24/2013	15	5.2	5.1	5.5	5.8	5.6	5.6	6.0	5.3
2/24/2013	16	5.2	5.1	5.5	5.8	5.7	5.7	6.2	5.3
2/24/2013	17	5.2	5.1	5.4	5.7	5.6	5.6	6.0	5.2
2/24/2013	18	5.2	5.0	5.2	5.6	5.6	5.5	6.0	5.2
2/24/2013	19	5.2	4.9	5.1	5.5	5.5	5.5	6.2	5.1
2/24/2013	20	5.2	4.9	4.9	5.4	5.4	5.4	6.1	5.1
2/24/2013	21	5.1	4.8	4.9	5.3	5.3	5.3	6.1	5.2
2/24/2013	22	5.1	4.8	4.8	5.2	5.1	5.1	6.0	5.2
2/24/2013	23	5.1	4.8	4.8	5.1	5.0	5.0	6.0	5.1
2/24/2013	24	5.1	4.8	4.8	5.0	4.9	4.9	6.0	5.1
2/25/2013	1	5.1	4.8	4.8	4.9	4.9	4.8	6.0	5.2
2/25/2013	2	5.1	4.8	4.8	4.8	4.9	4.8	6.0	5.1
2/25/2013	3	5.0	4.8	4.9	4.8	4.9	4.8	6.0	5.1
2/25/2013	4	5.0	4.8	4.8	4.8	4.8	4.8	6.0	5.1
2/25/2013	5	5.0	4.7	4.8	4.8	4.9	4.8	5.9	5.1
2/25/2013	6	5.0	4.7	4.8	4.8	4.9	4.8	5.9	5.1
2/25/2013	7	5.0	4.7	4.7	4.8	4.8	4.8	5.8	5.0
2/25/2013	8	4.9	4.6	4.7	4.8	4.8	4.7	5.8	5.0
2/25/2013	9	4.9	4.6	4.8	5.1	4.9	4.9	5.7	5.0
2/25/2013	10	5.0	4.7	5.3	5.4	4.9	5.1	5.7	5.1
2/25/2013	11	5.0	4.9	5.7	5.5	4.9	5.1	5.6	5.1
2/25/2013	12	5.1	5.0	6.4	5.5	5.1	5.4	5.7	5.3
2/25/2013	13	5.2	5.3	7.0	5.9	5.6	5.8	5.8	5.4
2/25/2013	14	5.4	5.4	7.5	6.3	6.1	6.3	5.9	5.5

## 2013 Chelan River 1st Quarter Hourly Temperature Data

Date	Hour	Low Level Outlet Pipe -Auto- (Deg. C)	Top of Reach 1 -Logger- (Deg. C)	End of Reach 1 -Logger- (Deg. C)	End of Reach 3 -Logger- (Deg. C)	Top of Reach 4 -Logger- (Deg. C)	End of Reach 4 -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
2/25/2013	15	5.5	5.5	7.6	6.6	6.7	6.7	6.0	5.6
2/25/2013	16	5.6	5.5	7.2	7.0	7.2	7.0	6.1	5.8
2/25/2013	17	5.6	5.5	6.6	7.3	7.4	7.2	6.2	5.9
2/25/2013	18	5.7	5.4	6.1	7.3	7.4	7.2	6.3	5.9
2/25/2013	19	5.7	5.4	5.6	7.2	7.0	7.0	6.4	5.9
2/25/2013	20	5.7	5.4	5.2	6.8	6.6	6.7	6.4	5.8
2/25/2013	21	5.7	5.4	5.1	6.4	6.1	6.2	6.3	5.8
2/25/2013	22	5.6	5.3	5.0	5.9	5.7	5.7	6.3	5.7
2/25/2013	23	5.6	5.3	4.9	5.5	5.4	5.4	6.2	5.6
2/25/2013	24	5.5	5.1	4.8	5.2	5.1	5.1	6.2	5.6
2/26/2013	1	5.5	5.0	4.8	5.0	4.9	4.9	6.1	5.5
2/26/2013	2	5.4	4.9	4.7	4.9	4.8	4.8	6.1	5.5
2/26/2013	3	5.4	4.9	4.7	4.8	4.7	4.7	6.1	5.4
2/26/2013	4	5.4	4.9	4.7	4.7	4.7	4.6	6.0	5.4
2/26/2013	5	5.3	4.8	4.6	4.6	4.6	4.6	6.0	5.4
2/26/2013	6	5.3	4.8	4.7	4.6	4.6	4.5	6.0	5.3
2/26/2013	7	5.3	4.8	4.7	4.6	4.6	4.5	6.0	5.3
2/26/2013	8	5.2	4.9	4.7	4.6	4.6	4.5	6.0	5.3
2/26/2013	9	5.2	5.0	5.0	4.8	4.7	4.7	5.9	5.3
2/26/2013	10	5.2	5.1	5.5	5.1	4.8	5.0	5.9	5.3
2/26/2013	11	5.3	5.2	6.0	5.3	5.0	5.2	5.9	5.3
2/26/2013	12	5.3	5.3	6.4	5.6	5.2	5.4	6.0	5.4
2/26/2013	13	5.4	5.4	6.9	5.9	5.7	5.7	6.0	5.4
2/26/2013	14	5.5	5.5	7.2	6.4	6.3	6.3	6.1	5.5
2/26/2013	15	5.5	5.5	7.1	6.7	6.7	6.7	6.1	5.6
2/26/2013	16	5.6	5.6	6.8	7.1	7.1	7.0	6.2	5.7
2/26/2013	17	5.6	5.6	6.6	7.3	7.3	7.2	6.2	5.7
2/26/2013	18	5.7	5.5	6.1	7.2	7.2	7.2	6.3	5.8
2/26/2013	19	5.7	5.5	5.8	7.1	7.0	7.0	6.4	5.8
2/26/2013	20	5.7	5.5	5.6	6.8	6.7	6.8	6.4	5.8
2/26/2013	21	5.7	5.5	5.5	6.6	6.4	6.5	6.5	5.8
2/26/2013	22	5.6	5.5	5.4	6.3	6.1	6.2	6.6	5.7
2/26/2013	23	5.6	5.5	5.4	6.0	5.8	5.9	6.6	5.6
2/26/2013	24	5.6	5.5	5.3	5.8	5.7	5.7	6.6	5.4
2/27/2013	1	5.6	5.4	5.2	5.6	5.5	5.5	6.6	5.7
2/27/2013	2	5.6	5.3	5.1	5.5	5.4	5.4	6.7	5.4
2/27/2013	3	5.6	5.3	5.0	5.4	5.3	5.3	6.6	5.4
2/27/2013	4	5.6	5.2	5.0	5.3	5.2	5.2	6.5	5.7
2/27/2013	5	5.6	5.2	4.9	5.2	5.1	5.1	6.5	5.5
2/27/2013	6	5.5	5.2	4.9	5.0	5.0	4.9	6.5	5.6
2/27/2013	7	5.5	5.1	4.8	4.9	4.9	4.9	6.4	5.6
2/27/2013	8	5.5	5.1	4.8	4.9	4.9	4.8	6.4	5.5
2/27/2013	9	5.4	5.1	5.1	5.1	4.9	4.9	6.4	5.6
2/27/2013	10	5.4	5.2	5.5	5.5	5.0	5.2	6.4	5.5
2/27/2013	11	5.4	5.3	6.1	5.7	5.1	5.4	6.4	5.4
2/27/2013	12	5.5	5.4	6.8	5.9	5.3	5.6	6.6	5.7

## 2013 Chelan River 1st Quarter Hourly Temperature Data

Date	Hour	Low Level Outlet Pipe -Auto- (Deg. C)	Top of Reach 1 -Logger- (Deg. C)	End of Reach 1 -Logger- (Deg. C)	End of Reach 3 -Logger- (Deg. C)	Top of Reach 4 -Logger- (Deg. C)	End of Reach 4 -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
2/27/2013	13	5.6	5.4	7.3	6.0	5.8	5.9	6.3	5.6
2/27/2013	14	5.6	5.6	7.6	6.4	6.4	6.5	6.6	5.7
2/27/2013	15	5.7	5.6	7.6	6.8	7.1	7.0	6.7	5.9
2/27/2013	16	5.7	5.7	7.2	7.2	7.5	7.3	6.4	5.8
2/27/2013	17	5.7	5.7	6.8	7.6	7.8	7.7	6.4	5.8
2/27/2013	18	5.8	5.7	6.5	7.7	7.7	7.7	6.5	5.8
2/27/2013	19	5.8	5.7	6.1	7.6	7.5	7.6	6.6	5.9
2/27/2013	20	5.9	5.7	5.8	7.3	7.2	7.3	6.7	5.8
2/27/2013	21	5.9	5.7	5.7	7.0	6.8	6.9	6.7	5.8
2/27/2013	22	5.9	5.7	5.6	6.7	6.4	6.6	6.8	6.0
2/27/2013	23	5.9	5.7	5.6	6.4	6.1	6.2	6.9	5.8
2/27/2013	24	5.9	5.8	5.6	6.1	5.9	6.0	6.9	5.8
2/28/2013	1	5.9	5.7	5.6	5.9	5.8	5.8	6.8	5.8
2/28/2013	2	5.9	5.7	5.5	5.8	5.7	5.7	6.8	5.9
2/28/2013	3	5.9	5.7	5.6	5.7	5.7	5.7	6.9	5.8
2/28/2013	4	5.9	5.7	5.5	5.7	5.7	5.7	6.8	5.8
2/28/2013	5	5.9	5.7	5.5	5.7	5.7	5.6	6.8	5.9
2/28/2013	6	5.8	5.6	5.5	5.7	5.7	5.6	6.8	5.9
2/28/2013	7	5.8	5.6	5.5	5.6	5.7	5.6	6.8	5.8
2/28/2013	8	5.8	5.7	5.6	5.7	5.7	5.6	6.8	5.8
2/28/2013	9	5.8	5.7	5.7	5.8	5.7	5.7	6.8	5.9
2/28/2013	10	5.8	5.7	5.8	5.9	5.7	5.8	6.7	5.9
2/28/2013	11	5.8	5.7	6.0	6.0	5.8	5.8	6.7	5.8
2/28/2013	12	5.7	5.8	6.1	6.1	6.0	6.0	6.7	5.8
2/28/2013	13	5.8	5.8	6.3	6.3	6.2	6.2	6.8	5.8
2/28/2013	14	5.8	5.8	6.4	6.5	6.3	6.3	6.8	5.9
2/28/2013	15	5.8	5.8	6.4	6.6	6.5	6.5	6.7	5.8
2/28/2013	16	5.8	5.9	6.5	6.7	6.6	6.6	6.8	6.0
2/28/2013	17	5.9	5.8	6.3	6.7	6.6	6.6	6.9	6.0
2/28/2013	18	5.9	5.8	6.2	6.7	6.7	6.7	6.7	5.9
2/28/2013	19	5.9	5.8	6.1	6.7	6.7	6.7	6.6	5.8
2/28/2013	20	5.9	5.7	6.0	6.6	6.6	6.6	6.8	5.8
2/28/2013	21	5.9	5.8	5.9	6.5	6.5	6.5	6.9	5.9
2/28/2013	22	5.9	5.7	5.8	6.4	6.4	6.4	6.8	5.9
2/28/2013	23	5.9	5.7	5.8	6.3	6.2	6.3	6.7	5.8
2/28/2013	24	5.9	5.7	5.8	6.2	6.1	6.2	6.7	5.8
3/1/2013	1	5.9	5.8	5.8	6.1	6.1	6.1	6.8	5.9
3/1/2013	2	5.9	5.7	5.7	6.1	6.0	6.0	6.8	5.8
3/1/2013	3	5.9	5.8	5.7	6.0	6.0	6.0	6.8	5.8
3/1/2013	4	5.9	5.7	5.7	5.9	5.9	5.9	6.8	5.9
3/1/2013	5	5.9	5.7	5.7	5.9	5.9	5.9	6.8	5.8
3/1/2013	6	5.9	5.7	5.7	5.9	5.9	5.9	6.8	5.9
3/1/2013	7	5.9	5.7	5.7	5.9	5.9	5.9	6.8	5.9
3/1/2013	8	5.9	5.7	5.7	5.9	5.9	5.9	6.8	5.8
3/1/2013	9	5.8	5.7	5.8	6.0	5.9	6.0	6.8	5.9
3/1/2013	10	5.8	5.8	6.1	6.5	6.1	6.3	6.8	5.9

## 2013 Chelan River 1st Quarter Hourly Temperature Data

Date	Hour	Low Level Outlet Pipe -Auto- (Deg. C)	Top of Reach 1 -Logger- (Deg. C)	End of Reach 1 -Logger- (Deg. C)	End of Reach 3 -Logger- (Deg. C)	Top of Reach 4 -Logger- (Deg. C)	End of Reach 4 -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
3/1/2013	11	5.9	5.9	6.5	6.6	6.2	6.4	6.8	6.0
3/1/2013	12	5.9	5.9	6.9	6.8	6.4	6.7	7.0	6.1
3/1/2013	13	5.9	6.0	7.5	7.0	6.7	7.0	6.7	6.0
3/1/2013	14	6.0	6.1	7.9	7.2	7.1	7.3	7.0	6.2
3/1/2013	15	6.1	6.2	8.1	7.5	7.6	7.8	7.1	6.3
3/1/2013	16	6.1	6.3	7.9	7.8	8.1	8.1	6.9	6.2
3/1/2013	17	6.2	6.4	7.6	8.2	8.4	8.3	6.9	6.3
3/1/2013	18	6.2	6.4	7.3	8.3	8.4	8.4	7.2	6.3
3/1/2013	19	6.2	6.4	6.9	8.3	8.3	8.3	7.1	6.4
3/1/2013	20	6.3	6.3	6.6	8.1	8.0	8.1	7.0	6.4
3/1/2013	21	6.4	6.4	6.4	7.9	7.7	7.8	7.1	6.3
3/1/2013	22	6.5	6.5	6.4	7.6	7.4	7.5	7.2	6.5
3/1/2013	23	6.6	6.5	6.3	7.3	7.1	7.2	7.2	6.4
3/1/2013	24	6.7	6.6	6.3	7.1	6.9	7.0	7.3	6.5
3/2/2013	1	6.7	6.6	6.2	6.9	6.8	6.8	7.3	6.7
3/2/2013	2	6.6	6.6	6.2	6.7	6.6	6.6	7.5	6.5
3/2/2013	3	6.5	6.4	6.1	6.6	6.5	6.5	7.6	6.6
3/2/2013	4	6.5	6.3	6.1	6.5	6.4	6.4	7.6	6.7
3/2/2013	5	6.4	6.2	6.1	6.4	6.4	6.3	7.5	6.4
3/2/2013	6	6.4	6.2	6.0	6.3	6.3	6.3	7.5	6.6
3/2/2013	7	6.3	6.1	5.9	6.3	6.3	6.3	7.4	6.5
3/2/2013	8	6.3	6.1	5.9	6.3	6.3	6.2	7.3	6.3
3/2/2013	9	6.2	6.2	6.1	6.3	6.2	6.3	7.2	6.3
3/2/2013	10	6.2	6.3	6.3	6.5	6.3	6.4	7.2	6.4
3/2/2013	11	6.2	6.4	6.6	6.6	6.4	6.5	7.2	6.3
3/2/2013	12	6.2	6.4	7.1	7.0	6.6	6.8	7.2	6.4
3/2/2013	13	6.2	6.5	7.3	7.1	6.8	6.9	7.3	6.4
3/2/2013	14	6.3	6.5	7.5	7.3	7.2	7.2	7.1	6.4
3/2/2013	15	6.3	6.5	7.6	7.6	7.5	7.6	7.3	6.5
3/2/2013	16	6.4	6.5	7.5	7.8	7.8	7.8	7.2	6.5
3/2/2013	17	6.4	6.5	7.3	8.0	8.0	8.0	7.1	6.5
3/2/2013	18	6.5	6.5	7.2	8.0	8.0	8.0	7.3	6.5
3/2/2013	19	6.5	6.5	6.8	8.0	7.9	7.9	7.4	6.6
3/2/2013	20	6.5	6.5	6.6	7.8	7.8	7.8	7.5	6.4
3/2/2013	21	6.6	6.5	6.4	7.7	7.5	7.6	7.5	6.4
3/2/2013	22	6.5	6.4	6.2	7.4	7.2	7.2	7.5	6.6
3/2/2013	23	6.5	6.3	6.0	7.1	6.9	6.9	7.5	6.4
3/2/2013	24	6.5	6.3	5.9	6.8	6.6	6.6	7.4	6.3
3/3/2013	1	6.5	6.2	5.7	6.5	6.3	6.3	7.3	6.6
3/3/2013	2	6.5	6.1	5.6	6.2	6.1	6.0	7.3	6.2
3/3/2013	3	6.4	6.1	5.5	6.0	5.9	5.8	7.3	6.2
3/3/2013	4	6.4	6.0	5.3	5.8	5.7	5.6	7.2	6.5
3/3/2013	5	6.4	6.0	5.2	5.6	5.5	5.4	7.2	6.2
3/3/2013	6	6.4	5.9	5.2	5.5	5.4	5.3	7.2	6.2
3/3/2013	7	6.3	5.9	5.3	5.4	5.3	5.2	7.2	6.4
3/3/2013	8	6.2	5.9	5.3	5.3	5.2	5.1	7.3	6.0



## 2013 Chelan River 1st Quarter Hourly Temperature Data

Date	Hour	Low Level Outlet Pipe -Auto- (Deg. C)	Top of Reach 1 -Logger- (Deg. C)	End of Reach 1 -Logger- (Deg. C)	End of Reach 3 -Logger- (Deg. C)	Top of Reach 4 -Logger- (Deg. C)	End of Reach 4 -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
3/3/2013	9	6.2	5.8	5.7	5.6	5.4	5.4	7.2	6.1
3/3/2013	10	6.2	6.0	6.3	6.0	5.5	5.7	7.2	6.3
3/3/2013	11	6.1	6.1	6.8	6.2	5.6	5.9	7.2	6.2
3/3/2013	12	6.1	6.1	7.4	6.4	5.8	6.1	7.4	6.4
3/3/2013	13	6.2	6.3	7.9	6.8	6.5	6.7	7.1	6.3
3/3/2013	14	6.2	6.2	8.2	7.2	7.2	7.3	7.2	6.4
3/3/2013	15	6.2	6.2	8.1	7.6	7.8	7.8	7.5	6.6
3/3/2013	16	6.2	6.1	7.6	7.9	8.2	8.1	7.1	6.3
3/3/2013	17	6.2	6.1	7.1	8.2	8.4	8.2	7.0	6.2
3/3/2013	18	6.2	6.1	6.7	8.2	8.2	8.2	7.2	6.2
3/3/2013	19	6.2	6.0	6.4	8.0	7.8	8.0	7.2	6.3
3/3/2013	20	6.2	5.9	6.0	7.6	7.4	7.5	7.0	6.1
3/3/2013	21	6.2	5.9	5.7	7.2	7.0	7.1	7.0	6.1
3/3/2013	22	6.2	5.8	5.6	6.8	6.6	6.7	7.0	6.2
3/3/2013	23	6.2	5.8	5.4	6.4	6.2	6.3	7.0	5.9
3/3/2013	24	6.2	5.7	5.3	6.1	5.9	5.9	7.0	5.9
3/4/2013	1	6.2	5.7	5.2	5.8	5.7	5.7	7.0	5.9
3/4/2013	2	6.2	5.6	5.2	5.6	5.5	5.4	7.1	6.2
3/4/2013	3	6.2	5.7	5.1	5.4	5.3	5.3	7.1	5.8
3/4/2013	4	6.3	5.7	5.0	5.2	5.2	5.1	7.1	5.8
3/4/2013	5	6.3	5.7	5.0	5.1	5.1	5.0	7.0	5.8
3/4/2013	6	6.2	5.7	4.9	5.0	5.0	4.9	7.0	6.3
3/4/2013	7	6.2	5.6	4.9	4.9	4.9	4.8	7.0	6.0
3/4/2013	8	6.1	5.6	5.0	4.9	4.9	4.8	7.1	5.7
3/4/2013	9	6.1	5.6	5.5	5.3	4.9	5.0	7.1	6.0
3/4/2013	10	6.1	5.8	6.1	5.5	5.1	5.3	7.1	6.2
3/4/2013	11	6.0	5.9	6.6	5.8	5.2	5.4	7.1	6.1
3/4/2013	12	6.0	6.0	7.3	6.1	5.6	5.8	7.3	6.3
3/4/2013	13	6.0	6.1	7.7	6.5	6.3	6.4	7.5	6.5
3/4/2013	14	6.1	6.1	8.0	6.9	7.0	7.1	7.0	6.2
3/4/2013	15	6.1	6.1	8.2	7.4	7.6	7.6	7.2	6.3
3/4/2013	16	6.2	6.1	7.8	7.8	8.0	7.9	7.2	6.2
3/4/2013	17	6.2	6.1	7.3	8.0	8.2	8.1	7.3	6.3
3/4/2013	18	6.2	6.0	6.7	8.1	8.2	8.1	7.0	6.3
3/4/2013	19	6.2	5.9	6.3	8.0	7.9	8.0	6.9	6.1
3/4/2013	20	6.2	5.9	5.9	7.7	7.5	7.6	7.1	5.9
3/4/2013	21	6.2	5.8	5.7	7.3	7.0	7.2	7.2	6.2
3/4/2013	22	6.2	5.7	5.5	6.8	6.5	6.7	7.2	6.3
3/4/2013	23	6.2	5.7	5.4	6.4	6.2	6.2	7.1	6.0
3/4/2013	24	6.2	5.7	5.3	6.1	5.8	5.9	7.1	5.9
3/5/2013	1	6.1	5.6	5.3	5.8	5.6	5.6	7.0	5.9
3/5/2013	2	6.1	5.6	5.2	5.6	5.5	5.4	7.0	6.2
3/5/2013	3	6.1	5.6	5.3	5.4	5.4	5.3	7.1	5.9
3/5/2013	4	6.1	5.6	5.3	5.4	5.3	5.3	7.0	5.9
3/5/2013	5	6.0	5.6	5.3	5.3	5.3	5.2	7.0	5.9
3/5/2013	6	6.0	5.6	5.4	5.3	5.3	5.2	7.0	6.1

## 2013 Chelan River 1st Quarter Hourly Temperature Data

Date	Hour	Low Level Outlet Pipe -Auto- (Deg. C)	Top of Reach 1 -Logger- (Deg. C)	End of Reach 1 -Logger- (Deg. C)	End of Reach 3 -Logger- (Deg. C)	Top of Reach 4 -Logger- (Deg. C)	End of Reach 4 -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
3/5/2013	7	6.0	5.5	5.3	5.3	5.3	5.2	7.0	5.8
3/5/2013	8	6.0	5.6	5.4	5.3	5.4	5.3	7.0	5.9
3/5/2013	9	5.9	5.6	5.5	5.4	5.4	5.4	6.9	6.0
3/5/2013	10	5.9	5.6	5.6	5.5	5.5	5.4	6.9	6.0
3/5/2013	11	5.9	5.8	5.9	5.8	5.6	5.7	6.9	6.1
3/5/2013	12	5.9	5.9	6.2	6.0	5.7	5.8	6.9	6.1
3/5/2013	13	5.9	6.0	6.5	6.2	6.0	6.0	7.0	6.1
3/5/2013	14	6.0	6.0	6.6	6.3	6.2	6.2	6.8	6.0
3/5/2013	15	6.0	6.0	6.6	6.5	6.5	6.4	6.7	6.0
3/5/2013	16	6.0	6.0	6.5	6.7	6.6	6.6	6.7	6.0
3/5/2013	17	6.0	5.9	6.3	6.7	6.7	6.7	6.8	6.1
3/5/2013	18	6.0	5.9	6.1	6.7	6.7	6.7	6.9	6.1
3/5/2013	19	6.0	5.8	5.9	6.6	6.6	6.6	6.9	6.0
3/5/2013	20	6.0	5.8	5.8	6.5	6.5	6.5	6.9	5.9
3/5/2013	21	5.9	5.7	5.8	6.4	6.3	6.3	6.8	5.9
3/5/2013	22	5.9	5.7	5.8	6.3	6.2	6.2	6.8	6.0
3/5/2013	23	5.9	5.7	5.7	6.1	6.0	6.0	6.9	5.9
3/5/2013	24	5.9	5.6	5.7	6.0	5.9	5.9	6.8	5.8
3/6/2013	1	5.9	5.6	5.7	5.9	5.9	5.9	6.8	5.8
3/6/2013	2	5.9	5.6	5.6	5.9	5.8	5.8	6.8	5.9
3/6/2013	3	5.8	5.6	5.6	5.8	5.8	5.8	6.8	5.8
3/6/2013	4	5.8	5.5	5.5	5.8	5.8	5.7	6.8	5.7
3/6/2013	5	5.8	5.5	5.5	5.7	5.7	5.7	6.7	5.8
3/6/2013	6	5.7	5.4	5.5	5.7	5.7	5.6	6.7	5.8
3/6/2013	7	5.7	5.4	5.4	5.6	5.6	5.6	6.7	5.6
3/6/2013	8	5.7	5.3	5.3	5.6	5.6	5.5	6.7	5.6
3/6/2013	9	5.7	5.4	5.3	5.6	5.5	5.5	6.7	5.6
3/6/2013	10	5.7	5.4	5.4	5.6	5.5	5.5	6.6	5.8
3/6/2013	11	5.7	5.5	5.5	5.6	5.5	5.5	6.6	5.8
3/6/2013	12	5.7	5.5	5.7	5.7	5.6	5.6	6.6	5.8
3/6/2013	13	5.7	5.5	5.7	5.7	5.6	5.6	6.6	5.8
3/6/2013	14	5.7	5.5	5.8	5.7	5.7	5.6	6.6	5.7
3/6/2013	15	5.6	5.5	5.8	5.9	5.8	5.8	6.6	5.8
3/6/2013	16	5.6	5.5	5.9	6.0	5.9	5.9	6.6	5.7
3/6/2013	17	5.6	5.5	5.8	6.0	6.0	5.9	6.6	5.7
3/6/2013	18	5.6	5.5	5.8	6.0	6.0	5.9	6.6	5.7
3/6/2013	19	5.6	5.4	5.7	6.0	6.0	6.0	6.5	5.6
3/6/2013	20	5.6	5.4	5.6	6.0	6.0	5.9	6.5	5.5
3/6/2013	21	5.6	5.3	5.5	5.9	5.9	5.9	6.5	5.6
3/6/2013	22	5.6	5.3	5.4	5.8	5.8	5.8	6.5	5.7
3/6/2013	23	5.6	5.3	5.4	5.7	5.7	5.7	6.5	5.6
3/6/2013	24	5.6	5.3	5.4	5.6	5.6	5.6	6.5	5.6
3/7/2013	1	5.6	5.3	5.4	5.6	5.5	5.5	6.5	5.5
3/7/2013	2	5.6	5.3	5.4	5.5	5.5	5.5	6.5	5.6
3/7/2013	3	5.6	5.3	5.3	5.5	5.5	5.4	6.5	5.6
3/7/2013	4	5.5	5.2	5.3	5.4	5.5	5.4	6.5	5.6

## 2013 Chelan River 1st Quarter Hourly Temperature Data

Date	Hour	Low Level Outlet Pipe -Auto- (Deg. C)	Top of Reach 1 -Logger- (Deg. C)	End of Reach 1 -Logger- (Deg. C)	End of Reach 3 -Logger- (Deg. C)	Top of Reach 4 -Logger- (Deg. C)	End of Reach 4 -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
3/7/2013	5	5.5	5.2	5.3	5.4	5.4	5.4	6.5	5.6
3/7/2013	6	5.5	5.2	5.3	5.4	5.4	5.4	6.5	5.6
3/7/2013	7	5.5	5.2	5.3	5.4	5.4	5.4	6.4	5.6
3/7/2013	8	5.5	5.2	5.4	5.4	5.4	5.4	6.4	5.5
3/7/2013	9	5.5	5.3	5.6	5.6	5.5	5.5	6.5	5.7
3/7/2013	10	5.5	5.4	5.9	5.8	5.6	5.7	6.4	5.6
3/7/2013	11	5.5	5.6	6.1	6.0	5.8	5.9	6.4	5.6
3/7/2013	12	5.6	5.7	6.6	6.5	6.2	6.5	6.3	5.7
3/7/2013	13	5.6	5.8	7.4	6.9	6.4	6.9	6.3	5.7
3/7/2013	14	5.7	5.7	7.7	6.9	6.7	6.9	6.5	5.8
3/7/2013	15	5.8	5.7	7.4	6.9	7.1	7.2	6.7	6.0
3/7/2013	16	5.9	5.8	6.8	7.2	7.6	7.4	6.8	6.1
3/7/2013	17	5.9	5.7	6.6	7.6	7.9	7.8	6.8	5.9
3/7/2013	18	5.9	5.7	6.3	7.7	7.7	7.7	6.6	5.9
3/7/2013	19	5.9	5.7	5.9	7.5	7.2	7.4	6.6	5.7
3/7/2013	20	5.9	5.7	5.7	7.1	6.9	7.0	6.7	5.7
3/7/2013	21	5.9	5.6	5.5	6.8	6.5	6.6	6.9	5.8
3/7/2013	22	5.9	5.5	5.4	6.5	6.2	6.3	6.8	6.0
3/7/2013	23	5.9	5.5	5.3	6.2	5.9	6.0	6.7	5.9
3/7/2013	24	5.9	5.4	5.2	5.9	5.7	5.7	6.7	5.7
3/8/2013	1	5.9	5.4	5.2	5.7	5.5	5.5	6.8	5.8
3/8/2013	2	5.9	5.5	5.2	5.5	5.4	5.5	6.8	5.9
3/8/2013	3	5.9	5.5	5.3	5.4	5.4	5.4	6.8	5.8
3/8/2013	4	5.9	5.5	5.4	5.4	5.4	5.3	6.8	5.7
3/8/2013	5	5.9	5.5	5.5	5.4	5.4	5.3	6.7	5.8
3/8/2013	6	5.9	5.5	5.5	5.4	5.4	5.4	6.8	5.9
3/8/2013	7	5.9	5.5	5.5	5.4	5.5	5.4	6.8	5.9
3/8/2013	8	5.9	5.6	5.6	5.5	5.6	5.5	6.8	5.9
3/8/2013	9	5.9	5.7	5.8	5.7	5.7	5.7	6.8	6.0
3/8/2013	10	5.9	5.7	6.1	6.0	5.8	6.0	6.8	5.9
3/8/2013	11	5.9	5.8	6.9	6.6	6.1	6.5	6.9	6.1
3/8/2013	12	5.9	5.9	7.5	6.9	6.3	6.7	7.2	6.1
3/8/2013	13	6.0	5.9	8.0	7.1	6.7	7.0	7.3	6.2
3/8/2013	14	6.0	6.0	8.3	7.4	7.4	7.4	6.8	6.1
3/8/2013	15	6.1	6.1	8.4	7.6	8.0	8.0	6.9	6.2
3/8/2013	16	6.1	6.1	8.0	8.0	8.4	8.3	7.2	6.4
3/8/2013	17	6.2	6.1	7.5	8.4	8.6	8.5	7.1	6.5
3/8/2013	18	6.2	6.1	7.0	8.5	8.6	8.5	6.9	6.3
3/8/2013	19	6.2	6.0	6.6	8.4	8.3	8.3	7.0	6.2
3/8/2013	20	6.2	5.9	6.2	8.0	7.8	7.9	7.0	6.0
3/8/2013	21	6.2	5.9	5.9	7.6	7.4	7.5	7.0	6.2
3/8/2013	22	6.2	5.8	5.7	7.2	6.9	7.1	7.1	6.3
3/8/2013	23	6.3	5.8	5.6	6.8	6.5	6.6	7.2	6.2
3/8/2013	24	6.3	5.8	5.5	6.4	6.2	6.3	7.2	6.0
3/9/2013	1	6.3	5.8	5.4	6.1	5.9	5.9	7.1	6.1
3/9/2013	2	6.2	5.7	5.3	5.9	5.7	5.7	7.1	6.3

## 2013 Chelan River 1st Quarter Hourly Temperature Data

Date	Hour	Low Level Outlet Pipe -Auto- (Deg. C)	Top of Reach 1 -Logger- (Deg. C)	End of Reach 1 -Logger- (Deg. C)	End of Reach 3 -Logger- (Deg. C)	Top of Reach 4 -Logger- (Deg. C)	End of Reach 4 -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
3/9/2013	3	6.2	5.7	5.3	5.7	5.6	5.6	7.2	6.2
3/9/2013	4	6.2	5.7	5.3	5.5	5.5	5.4	7.1	5.9
3/9/2013	5	6.2	5.7	5.2	5.4	5.4	5.3	7.1	6.1
3/9/2013	6	6.2	5.6	5.2	5.3	5.3	5.2	7.1	6.3
3/9/2013	7	6.2	5.6	5.1	5.2	5.2	5.1	7.1	6.1
3/9/2013	8	6.1	5.6	5.2	5.2	5.2	5.1	7.1	5.8
3/9/2013	9	6.1	5.7	5.7	5.6	5.3	5.4	7.1	6.1
3/9/2013	10	6.1	5.9	6.3	5.9	5.4	5.6	7.1	6.2
3/9/2013	11	6.2	6.1	7.1	6.2	5.6	5.9	7.3	6.1
3/9/2013	12	6.2	6.3	7.8	6.5	6.0	6.3	7.5	6.4
3/9/2013	13	6.3	6.3	8.4	6.9	6.7	6.8	7.7	6.9
3/9/2013	14	6.5	6.4	8.7	7.4	7.5	7.5	7.1	6.5
3/9/2013	15	6.6	6.6	8.8	7.8	8.2	8.2	7.1	6.6
3/9/2013	16	6.7	6.6	8.4	8.3	8.7	8.7	7.3	6.7
3/9/2013	17	6.7	6.6	7.8	8.7	9.0	8.9	7.5	6.8
3/9/2013	18	6.8	6.6	7.4	8.9	8.9	8.9	7.7	6.9
3/9/2013	19	6.8	6.6	6.9	8.7	8.6	8.7	7.8	6.7
3/9/2013	20	6.8	6.6	6.5	8.3	8.1	8.2	7.8	6.5
3/9/2013	21	6.8	6.5	6.2	7.9	7.6	7.8	7.7	6.6
3/9/2013	22	6.8	6.5	6.1	7.5	7.2	7.3	7.6	6.9
3/9/2013	23	6.8	6.4	6.0	7.0	6.8	6.9	7.6	6.6
3/9/2013	24	6.8	6.4	5.9	6.7	6.5	6.5	7.6	6.5
3/10/2013	1	6.8	6.4	5.8	6.4	6.2	6.3	7.7	6.6
3/10/2013	2	6.7	6.4	5.9	6.2	6.1	6.1	7.7	6.8
3/10/2013	4	6.7	6.4	6.1	6.0	6.0	6.0	7.7	6.6
3/10/2013	5	6.7	6.5	6.1	6.0	6.0	5.9	7.7	6.8
3/10/2013	6	6.7	6.4	6.1	6.0	6.1	6.0	7.6	6.7
3/10/2013	7	6.7	6.4	6.1	6.1	6.1	6.0	7.6	6.6
3/10/2013	8	6.6	6.4	6.2	6.1	6.2	6.1	7.6	6.7
3/10/2013	9	6.6	6.5	6.3	6.3	6.2	6.2	7.6	6.7
3/10/2013	10	6.6	6.6	6.5	6.5	6.3	6.4	7.6	6.6
3/10/2013	11	6.6	6.7	7.1	6.8	6.6	6.7	7.6	6.7
3/10/2013	12	6.6	6.7	7.6	7.2	6.8	7.0	7.7	6.9
3/10/2013	13	6.6	6.9	7.9	7.5	7.1	7.3	7.8	6.8
3/10/2013	14	6.7	6.9	8.0	7.8	7.5	7.5	7.6	6.9
3/10/2013	15	6.7	6.9	7.9	8.0	8.0	7.9	7.6	6.8
3/10/2013	16	6.7	6.8	7.8	8.2	8.2	8.3	7.9	6.9
3/10/2013	17	6.7	6.8	7.4	8.3	8.3	8.3	7.9	6.9
3/10/2013	18	6.8	6.8	7.2	8.2	8.2	8.2	7.6	6.6
3/10/2013	19	6.8	6.7	6.9	8.1	8.0	8.0	7.5	6.7
3/10/2013	20	6.8	6.6	6.5	7.8	7.7	7.8	7.8	6.8
3/10/2013	21	6.8	6.5	6.3	7.6	7.4	7.4	7.8	6.9
3/10/2013	22	6.8	6.5	6.2	7.3	7.1	7.2	7.6	6.6
3/10/2013	23	6.8	6.4	6.0	7.0	6.8	6.8	7.7	6.5
3/11/2013	24	6.8	6.4	5.9	6.7	6.5	6.6	7.7	6.6
3/11/2013	1	6.8	6.3	5.8	6.5	6.3	6.3	7.6	6.8

## 2013 Chelan River 1st Quarter Hourly Temperature Data

Date	Hour	Low Level Outlet Pipe -Auto- (Deg. C)	Top of Reach 1 -Logger- (Deg. C)	End of Reach 1 -Logger- (Deg. C)	End of Reach 3 -Logger- (Deg. C)	Top of Reach 4 -Logger- (Deg. C)	End of Reach 4 -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
3/11/2013	2	6.7	6.3	5.8	6.3	6.2	6.1	7.6	6.5
3/11/2013	3	6.7	6.3	5.7	6.1	6.0	6.0	7.6	6.5
3/11/2013	4	6.7	6.2	5.6	5.9	5.8	5.8	7.6	6.5
3/11/2013	5	6.7	6.2	5.6	5.8	5.8	5.7	7.6	6.7
3/11/2013	6	6.6	6.1	5.5	5.7	5.7	5.6	7.6	6.5
3/11/2013	7	6.6	6.1	5.5	5.6	5.6	5.5	7.6	6.3
3/11/2013	8	6.6	6.1	5.6	5.7	5.6	5.5	7.6	6.6
3/11/2013	9	6.6	6.3	5.9	5.8	5.6	5.7	7.5	6.6
3/11/2013	10	6.6	6.4	6.4	6.1	5.8	5.9	7.5	6.6
3/11/2013	11	6.5	6.5	7.0	6.4	6.0	6.2	7.5	6.7
3/11/2013	12	6.5	6.6	7.8	6.9	6.5	6.8	7.6	6.8
3/11/2013	13	6.6	6.7	8.2	7.2	6.9	7.0	7.8	6.7
3/11/2013	14	6.6	6.7	8.6	7.6	7.5	7.6	7.4	6.8
3/11/2013	15	6.7	6.8	8.5	7.9	8.1	8.0	7.7	6.6
3/11/2013	16	6.7	6.8	8.3	8.5	8.6	8.6	7.7	6.8
3/11/2013	17	6.8	6.8	7.9	8.7	8.8	8.7	7.7	6.9
3/11/2013	18	6.8	6.8	7.5	8.8	8.8	8.8	7.5	6.7
3/11/2013	19	6.9	6.8	7.1	8.7	8.6	8.7	7.5	6.7
3/11/2013	20	6.9	6.8	6.9	8.5	8.3	8.4	7.7	6.8
3/11/2013	21	6.9	6.7	6.7	8.2	7.9	8.1	7.9	7.0
3/11/2013	22	6.9	6.7	6.7	7.8	7.6	7.7	7.8	6.8
3/11/2013	23	6.9	6.7	6.6	7.5	7.3	7.4	7.8	6.7
3/12/2013	24	6.9	6.7	6.6	7.3	7.1	7.2	7.7	6.7
3/12/2013	1	6.8	6.7	6.6	7.1	7.0	7.1	7.7	6.9
3/12/2013	2	6.8	6.7	6.6	7.0	7.0	7.0	7.7	6.9
3/12/2013	3	6.8	6.7	6.6	7.0	6.9	6.9	7.7	6.9
3/12/2013	4	6.8	6.7	6.5	6.9	6.9	6.9	7.7	6.9
3/12/2013	5	6.8	6.6	6.4	6.9	6.8	6.8	7.7	6.9
3/12/2013	6	6.8	6.5	6.4	6.8	6.8	6.8	7.8	6.8
3/12/2013	7	6.8	6.5	6.4	6.8	6.7	6.7	7.8	6.6
3/12/2013	8	6.7	6.6	6.5	6.8	6.7	6.7	7.7	6.9
3/12/2013	9	6.7	6.6	6.6	7.0	6.7	6.9	7.7	6.9
3/12/2013	10	6.7	6.7	6.8	7.1	6.8	7.0	7.7	6.9
3/12/2013	11	6.7	6.9	7.6	7.7	7.1	7.5	7.8	6.8
3/12/2013	12	6.7	6.9	8.4	7.9	7.3	7.8	7.9	7.1
3/12/2013	13	6.8	7.1	9.0	8.2	7.7	8.0	8.1	7.1
3/12/2013	14	7.0	7.3	9.0	8.4	8.3	8.3	7.8	7.2
3/12/2013	15	7.2	7.3	9.1	8.9	9.0	9.0	7.9	7.3
3/12/2013	16	7.2	7.4	9.0	9.3	9.4	9.5	8.2	7.4
3/12/2013	17	7.2	7.5	8.5	9.5	9.6	9.6	8.1	7.3
3/12/2013	18	7.3	7.5	8.1	9.5	9.5	9.5	8.0	7.2
3/12/2013	19	7.4	7.5	7.8	9.4	9.3	9.4	8.2	7.2
3/12/2013	20	7.4	7.5	7.6	9.2	9.0	9.1	8.2	7.3
3/12/2013	21	7.4	7.5	7.4	8.9	8.6	8.8	8.1	7.4
3/12/2013	22	7.4	7.5	7.3	8.5	8.3	8.5	8.1	7.3
3/12/2013	23	7.5	7.5	7.3	8.3	8.1	8.2	8.1	7.3

## 2013 Chelan River 1st Quarter Hourly Temperature Data

Date	Hour	Low Level Outlet Pipe -Auto- (Deg. C)	Top of Reach 1 -Logger- (Deg. C)	End of Reach 1 -Logger- (Deg. C)	End of Reach 3 -Logger- (Deg. C)	Top of Reach 4 -Logger- (Deg. C)	End of Reach 4 -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
3/12/2013	24	7.5	7.5	7.2	8.1	7.9	8.0	8.2	7.4
3/13/2013	1	7.6	7.5	7.1	7.9	7.8	7.8	8.2	7.6
3/13/2013	2	7.6	7.5	7.0	7.8	7.6	7.7	8.3	7.2
3/13/2013	3	7.7	7.6	7.0	7.6	7.5	7.6	8.3	7.1
3/13/2013	4	7.7	7.6	6.9	7.5	7.4	7.4	8.4	7.4
3/13/2013	5	7.7	7.6	6.9	7.4	7.3	7.3	8.4	7.8
3/13/2013	6	7.8	7.6	6.9	7.3	7.2	7.2	8.5	7.4
3/13/2013	7	7.8	7.6	7.0	7.2	7.2	7.2	8.5	7.6
3/13/2013	8	7.7	7.6	7.1	7.3	7.2	7.2	8.6	7.7
3/13/2013	9	7.7	7.7	7.5	7.5	7.3	7.3	8.7	7.8
3/13/2013	10	7.7	7.8	8.0	7.7	7.4	7.6	8.7	7.6
3/13/2013	11	7.5	7.7	8.4	7.9	7.6	7.8	8.7	7.9
3/13/2013	12	7.4	7.7	8.8	8.2	8.0	8.1	8.7	8.0
3/13/2013	13	7.4	7.8	9.1	8.7	8.5	8.6	8.8	7.6
3/13/2013	14	7.5	7.8	9.0	9.0	9.0	8.9	8.4	7.5
3/13/2013	15	7.5	7.8	8.8	9.3	9.3	9.3	8.3	7.5
3/13/2013	16	7.4	7.7	8.6	9.5	9.5	9.6	8.4	7.7
3/13/2013	17	7.4	7.7	8.5	9.6	9.5	9.6	8.6	7.6
3/13/2013	18	7.4	7.7	8.2	9.5	9.4	9.5	8.4	7.5
3/13/2013	19	7.4	7.6	8.0	9.3	9.2	9.3	8.3	7.4
3/13/2013	20	7.5	7.6	7.8	9.2	9.0	9.1	8.4	7.5
3/13/2013	21	7.5	7.5	7.6	9.0	8.8	8.9	8.5	7.6
3/13/2013	22	7.5	7.5	7.4	8.7	8.5	8.6	8.4	7.3
3/13/2013	23	7.5	7.5	7.3	8.5	8.3	8.4	8.2	7.2
3/13/2013	24	7.5	7.4	7.2	8.2	8.1	8.1	8.4	7.1
3/14/2013	1	7.5	7.4	7.1	8.0	7.9	7.9	8.4	7.5
3/14/2013	2	7.5	7.4	7.1	7.8	7.7	7.7	8.3	7.3
3/14/2013	3	7.5	7.4	7.1	7.7	7.6	7.6	8.3	7.4
3/14/2013	4	7.5	7.4	7.1	7.6	7.5	7.5	8.4	7.4
3/14/2013	5	7.5	7.4	7.2	7.5	7.5	7.5	8.4	7.4
3/14/2013	6	7.5	7.4	7.2	7.5	7.5	7.4	8.4	7.3
3/14/2013	7	7.5	7.4	7.2	7.5	7.5	7.5	8.4	7.4
3/14/2013	8	7.5	7.4	7.3	7.6	7.6	7.5	8.4	7.5
3/14/2013	9	7.5	7.5	7.4	7.7	7.6	7.6	8.4	7.5
3/14/2013	10	7.5	7.5	7.6	7.8	7.7	7.7	8.4	7.4
3/14/2013	11	7.5	7.6	7.9	8.0	7.8	7.9	8.4	7.5
3/14/2013	12	7.5	7.7	8.1	8.2	8.0	8.1	8.4	7.7
3/14/2013	13	7.5	7.8	8.2	8.3	8.2	8.2	8.5	7.7
3/14/2013	14	7.6	7.8	8.4	8.6	8.4	8.5	8.5	7.6
3/14/2013	15	7.6	7.9	8.7	8.9	8.7	8.8	8.5	7.8
3/14/2013	16	7.6	7.8	8.7	9.0	8.9	9.0	8.6	7.9
3/14/2013	17	7.7	7.9	8.5	9.1	9.0	9.0	8.7	7.7
3/14/2013	18	7.7	7.8	8.3	9.1	9.2	9.1	8.4	7.6
3/14/2013	19	7.7	7.8	8.0	9.1	9.1	9.1	8.4	7.6
3/14/2013	20	7.7	7.7	7.7	9.0	9.0	9.0	8.6	7.7
3/14/2013	21	7.7	7.7	7.5	8.9	8.7	8.8	8.7	7.8

## 2013 Chelan River 1st Quarter Hourly Temperature Data

Date	Hour	Low Level Outlet Pipe -Auto- (Deg. C)	Top of Reach 1 -Logger- (Deg. C)	End of Reach 1 -Logger- (Deg. C)	End of Reach 3 -Logger- (Deg. C)	Top of Reach 4 -Logger- (Deg. C)	End of Reach 4 -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
3/14/2013	22	7.7	7.6	7.4	8.6	8.4	8.5	8.4	7.8
3/14/2013	23	7.7	7.6	7.3	8.4	8.2	8.2	8.4	7.8
3/14/2013	24	7.7	7.5	7.2	8.1	7.7	7.8	8.5	7.7
3/15/2013	1	7.6	7.5	7.1	8.0	7.7	7.7	8.5	7.6
3/15/2013	2	7.6	7.4	7.0	7.8	7.6	7.6	8.5	7.2
3/15/2013	3	7.6	7.3	6.9	7.7	7.6	7.6	8.5	7.5
3/15/2013	4	7.5	7.3	6.9	7.5	7.6	7.5	8.5	7.5
3/15/2013	5	7.5	7.3	6.8	7.4	7.5	7.5	8.4	7.6
3/15/2013	6	7.5	7.2	6.8	7.3	7.5	7.4	8.4	7.2
3/15/2013	7	7.5	7.2	6.8	7.3	7.5	7.4	8.4	7.2
3/15/2013	8	7.5	7.2	6.9	7.3	7.5	7.5	8.4	7.4
3/15/2013	9	7.4	7.3	7.3	7.4	7.5	7.5	8.3	7.5
3/15/2013	10	7.4	7.5	7.9	7.5	7.5	7.6	8.3	7.2
3/15/2013	11	7.4	7.6	8.6	7.8	7.7	7.7	8.4	7.5
3/15/2013	12	7.5	7.7	9.2	8.1	7.8	7.9	8.5	7.7
3/15/2013	13	7.5	7.8	9.8	8.4	7.8	8.0	8.7	7.7
3/15/2013	14	7.7	8.0	10.0	8.9	8.0	8.2	8.3	7.5
3/15/2013	15	7.8	8.1	9.9	9.3	8.2	8.3	8.4	7.4
3/15/2013	16	7.8	8.0	9.5	9.7	8.3	8.5	8.8	7.7
3/15/2013	17	7.9	8.0	9.1	10.0	8.3	8.4	8.9	7.9
3/15/2013	18	7.9	8.0	8.7	10.1	8.3	8.4	8.6	7.7
3/15/2013	19	7.9	8.0	8.2	10.0	8.3	8.4	8.6	7.7
3/15/2013	20	7.9	8.0	8.0	9.7	8.3	8.4	8.7	8.0
3/15/2013	21	7.9	7.9	7.8	9.5	8.2	8.3	8.9	8.0
3/15/2013	22	7.9	8.0	7.7	9.1	8.1	8.2	8.7	7.7
3/15/2013	23	8.0	8.0	7.6	8.8	8.1	8.1	8.7	7.6
3/15/2013	24	8.1	8.0	7.5	8.6	8.1	8.1	8.8	7.7
3/16/2013	1	8.1	8.0	7.4	8.4	8.1	8.1	8.9	7.9
3/16/2013	2	8.1	8.0	7.3	8.2	8.1	8.1	8.8	7.7
3/16/2013	3	8.1	8.0	7.3	8.1	8.0	8.0	8.8	7.6
3/16/2013	4	8.1	7.9	7.2	7.9	8.0	7.9	9.0	7.7
3/16/2013	5	8.1	8.0	7.2	7.8	8.1	8.0	9.0	8.1
3/16/2013	6	8.1	8.0	7.2	7.7	8.1	8.0	8.8	7.9
3/16/2013	7	8.1	7.9	7.3	7.7	8.0	8.0	8.9	7.6
3/16/2013	8	8.1	7.9	7.4	7.6	8.0	7.9	9.0	7.9
3/16/2013	9	8.1	8.0	7.6	7.7	8.1	8.0	9.1	8.1
3/16/2013	10	8.0	8.1	7.9	7.8	8.1	8.1	8.9	7.7
3/16/2013	11	8.0	8.2	8.7	8.1	8.2	8.3	8.9	8.0
3/16/2013	12	8.0	8.3	9.2	8.4	8.3	8.4	9.2	8.2
3/16/2013	13	8.0	8.3	9.4	8.6	8.3	8.3	9.2	8.2
3/16/2013	14	8.1	8.4	9.7	9.0	8.4	8.5	8.9	8.0
3/16/2013	15	8.1	8.4	9.5	9.3	8.5	8.6	9.0	8.0
3/16/2013	16	8.1	8.3	9.2	9.5	8.6	8.7	9.3	8.3
3/16/2013	17	8.1	8.3	8.8	9.7	8.5	8.6	9.2	8.3
3/16/2013	18	8.2	8.1	8.3	9.7	8.5	8.6	9.0	7.8
3/16/2013	19	8.2	8.1	7.9	9.6	8.4	8.5	8.9	7.7

## 2013 Chelan River 1st Quarter Hourly Temperature Data

Date	Hour	Low Level Outlet Pipe -Auto- (Deg. C)	Top of Reach 1 -Logger- (Deg. C)	End of Reach 1 -Logger- (Deg. C)	End of Reach 3 -Logger- (Deg. C)	Top of Reach 4 -Logger- (Deg. C)	End of Reach 4 -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
3/16/2013	20	8.2	7.9	7.4	9.3	8.4	8.4	9.0	8.2
3/16/2013	21	8.2	7.9	7.1	8.9	8.3	8.3	9.0	8.2
3/16/2013	22	8.2	7.8	6.9	8.5	8.2	8.1	9.0	7.8
3/16/2013	23	8.1	7.7	6.8	8.1	8.1	8.0	9.1	7.9
3/16/2013	24	8.1	7.7	6.7	7.7	8.0	7.9	9.0	7.9
3/17/2013	1	8.1	7.6	6.5	7.4	7.9	7.8	8.9	8.1
3/17/2013	2	8.0	7.5	6.5	7.2	7.8	7.7	8.8	7.5
3/17/2013	3	7.9	7.5	6.4	7.0	7.8	7.7	8.8	7.8
3/17/2013	4	7.9	7.5	6.4	6.8	7.7	7.6	8.8	7.6
3/17/2013	5	7.9	7.4	6.4	6.8	7.7	7.6	8.7	7.9
3/17/2013	6	7.8	7.4	6.4	6.7	7.6	7.5	8.7	7.2
3/17/2013	7	7.8	7.4	6.4	6.5	7.6	7.4	8.8	7.3
3/17/2013	8	7.7	7.3	6.5	6.6	7.5	7.4	8.8	7.6
3/17/2013	9	7.7	7.3	7.1	6.7	7.6	7.6	8.7	7.8
3/17/2013	10	7.6	7.4	7.7	7.0	7.6	7.6	8.7	7.7
3/17/2013	11	7.4	7.5	8.3	7.1	7.7	7.7	8.7	7.5
3/17/2013	12	7.3	7.4	9.0	7.5	7.8	7.9	8.7	7.8
3/17/2013	13	7.4	7.5	9.4	7.9	7.6	7.8	8.8	7.5
3/17/2013	14	7.4	7.4	9.6	8.4	7.8	7.9	8.3	7.7
3/17/2013	15	7.3	7.3	9.5	8.8	8.1	8.2	8.4	7.8
3/17/2013	16	7.2	7.2	8.9	9.1	8.1	8.3	8.5	7.9
3/17/2013	17	7.2	7.1	8.2	9.3	7.7	7.8	8.7	7.3
3/17/2013	18	7.3	7.0	7.5	9.3	7.5	7.7	8.1	7.2
3/17/2013	19	7.3	6.9	6.9	9.1	7.5	7.6	8.0	7.3
3/17/2013	20	7.3	6.9	6.6	8.7	7.5	7.5	8.1	7.4
3/17/2013	21	7.4	7.1	6.4	8.2	7.6	7.5	8.2	7.5
3/17/2013	22	7.5	7.1	6.2	7.7	7.4	7.4	8.2	7.2
3/17/2013	23	7.5	7.1	6.2	7.3	7.3	7.3	8.3	7.3
3/17/2013	24	7.5	7.1	6.3	7.0	7.2	7.1	8.3	7.3
3/18/2013	1	7.5	7.0	6.3	6.7	7.3	7.2	8.2	7.5
3/18/2013	2	7.4	6.9	6.2	6.6	7.3	7.1	8.2	7.0
3/18/2013	3	7.3	6.9	6.1	6.5	7.2	7.1	8.2	7.2
3/18/2013	4	7.3	6.8	6.1	6.4	7.1	7.0	8.2	7.2
3/18/2013	5	7.2	6.8	6.1	6.4	7.1	7.0	8.2	7.3
3/18/2013	6	7.2	6.7	6.0	6.3	7.1	6.9	8.1	7.0
3/18/2013	7	7.1	6.6	6.0	6.2	7.1	7.0	8.1	7.2
3/18/2013	8	7.1	6.6	6.2	6.3	7.0	7.0	8.0	7.2
3/18/2013	9	7.0	6.6	6.7	6.5	7.0	7.0	8.0	7.1
3/18/2013	10	7.0	6.8	7.3	6.7	7.1	7.0	7.9	7.0
3/18/2013	11	6.9	7.0	8.0	6.8	7.2	7.2	7.9	7.2
3/18/2013	12	6.9	7.2	8.7	7.1	7.3	7.4	8.0	7.3
3/18/2013	13	6.9	7.1	9.1	7.5	7.2	7.3	8.2	7.1
3/18/2013	14	7.1	7.1	9.2	8.1	7.4	7.5	7.8	7.2
3/18/2013	15	7.1	7.1	9.2	8.5	7.6	7.8	8.0	7.5
3/18/2013	16	7.1	7.1	8.8	8.8	7.7	7.9	8.1	7.5
3/18/2013	17	7.2	7.0	8.1	9.0	7.8	7.6	8.2	7.2



## 2013 Chelan River 1st Quarter Hourly Temperature Data

Date	Hour	Low Level Outlet Pipe -Auto- (Deg. C)	Top of Reach 1 -Logger- (Deg. C)	End of Reach 1 -Logger- (Deg. C)	End of Reach 3 -Logger- (Deg. C)	Top of Reach 4 -Logger- (Deg. C)	End of Reach 4 -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
3/18/2013	18	7.2	6.9	7.6	9.1	7.5	7.7	8.0	7.0
3/18/2013	19	7.3	7.1	7.1	9.0	7.4	7.5	7.9	7.1
3/18/2013	20	7.2	7.0	6.6	8.7	7.4	7.5	8.1	7.3
3/18/2013	21	7.2	7.0	6.5	8.1	7.3	7.3	8.1	7.3
3/18/2013	22	7.2	7.0	6.4	7.6	7.2	7.1	8.0	7.0
3/18/2013	23	7.2	7.0	6.3	7.1	7.1	7.0	8.1	7.1
3/18/2013	24	7.2	7.1	6.3	6.9	7.1	7.0	8.0	7.1
3/19/2013	1	7.2	7.1	6.3	6.7	7.1	6.9	8.0	7.2
3/19/2013	2	7.3	7.2	6.3	6.6	7.0	6.9	8.0	7.0
3/19/2013	3	7.4	7.2	6.3	6.5	7.0	6.9	8.1	7.0
3/19/2013	4	7.4	7.3	6.3	6.4	7.0	6.8	8.1	7.0
3/19/2013	5	7.5	7.2	6.3	6.4	7.2	7.0	8.0	7.4
3/19/2013	6	7.4	7.1	6.3	6.4	7.2	7.0	8.0	7.2
3/19/2013	7	7.3	7.0	6.3	6.3	7.1	6.9	8.1	7.1
3/19/2013	8	7.2	7.0	6.5	6.4	7.0	6.9	8.2	7.3
3/19/2013	9	7.1	7.0	6.8	6.6	7.1	7.1	8.3	7.2
3/19/2013	10	7.0	6.9	7.1	6.7	7.2	7.1	8.1	7.2
3/19/2013	11	6.9	6.9	7.6	7.0	7.3	7.3	7.9	7.3
3/19/2013	12	6.9	6.9	7.8	7.2	7.3	7.3	8.2	7.4
3/19/2013	13	6.9	7.0	8.2	7.5	7.1	7.2	8.3	7.1
3/19/2013	14	6.9	7.0	8.2	7.8	7.2	7.3	7.8	7.2
3/19/2013	15	7.0	7.0	8.0	8.1	7.3	7.4	7.7	7.2
3/19/2013	16	7.0	7.0	7.7	8.2	7.4	7.5	8.0	7.3
3/19/2013	17	7.0	6.9	7.3	8.3	7.2	7.4	8.1	7.1
3/19/2013	18	7.0	6.9	7.1	8.3	7.2	7.4	7.9	7.1
3/19/2013	19	7.1	6.9	6.9	8.1	7.2	7.3	7.8	7.0
3/19/2013	20	7.1	6.9	6.8	8.0	7.2	7.3	7.9	7.1
3/19/2013	21	7.1	6.9	6.6	7.7	7.1	7.1	7.9	7.1
3/19/2013	22	7.0	6.7	6.4	7.5	7.0	7.0	7.9	6.9
3/19/2013	23	7.0	6.7	6.1	7.2	7.0	7.0	7.9	6.9
3/19/2013	24	7.0	6.6	5.9	7.0	7.0	6.9	7.8	6.9
3/20/2013	1	7.0	6.5	5.6	6.7	6.9	6.8	7.8	7.0
3/20/2013	2	7.0	6.4	5.4	6.5	6.8	6.7	7.8	6.8
3/20/2013	3	6.9	6.5	5.6	6.3	6.8	6.7	7.9	6.9
3/20/2013	4	6.9	6.5	5.7	6.1	6.7	6.6	7.8	7.0
3/20/2013	5	6.9	6.6	5.9	5.9	6.7	6.6	7.8	6.9
3/20/2013	6	6.9	6.6	6.1	5.9	6.7	6.6	7.7	6.8
3/20/2013	7	6.9	6.5	6.2	5.9	6.8	6.6	7.7	6.8
3/20/2013	8	6.8	6.6	6.3	6.0	6.7	6.6	7.7	7.0
3/20/2013	9	6.8	6.6	6.4	6.2	6.7	6.7	7.7	6.9
3/20/2013	10	6.8	6.6	6.6	6.4	6.8	6.7	7.7	6.9
3/20/2013	11	6.7	6.6	6.8	6.5	6.8	6.8	7.6	7.0
3/20/2013	12	6.7	6.8	7.7	6.9	7.0	7.1	7.7	7.2
3/20/2013	13	6.7	6.9	8.1	7.2	6.9	7.1	7.8	6.9
3/20/2013	14	6.8	6.9	8.7	7.5	7.0	7.2	7.5	7.0
3/20/2013	15	6.9	7.0	9.0	7.8	7.1	7.3	7.4	7.0

## 2013 Chelan River 1st Quarter Hourly Temperature Data

Date	Hour	Low Level Outlet Pipe -Auto- (Deg. C)	Top of Reach 1 -Logger- (Deg. C)	End of Reach 1 -Logger- (Deg. C)	End of Reach 3 -Logger- (Deg. C)	Top of Reach 4 -Logger- (Deg. C)	End of Reach 4 -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
3/20/2013	16	7.0	7.0	8.8	8.0	7.2	7.4	7.5	7.1
3/20/2013	17	7.1	7.0	8.2	8.3	7.3	7.5	7.5	7.2
3/20/2013	18	7.1	7.0	7.7	8.6	7.5	7.6	7.6	7.3
3/20/2013	19	7.2	7.0	7.2	8.7	7.6	7.7	7.6	7.5
3/20/2013	20	7.3	7.0	6.8	8.6	7.4	7.6	7.7	7.3
3/20/2013	21	7.3	7.0	6.5	8.3	7.3	7.4	7.7	7.2
3/20/2013	22	7.2	6.8	6.3	7.9	7.2	7.2	7.8	7.2
3/20/2013	23	7.1	6.8	6.2	7.5	7.1	7.0	7.7	7.1
3/20/2013	24	7.1	6.7	6.0	7.1	7.0	6.9	7.6	7.1
3/21/2013	1	7.0	6.6	5.9	6.8	6.8	6.8	7.6	7.0
3/21/2013	2	7.0	6.6	5.9	6.6	6.7	6.7	7.5	6.9
3/21/2013	3	6.9	6.5	5.9	6.5	6.6	6.6	7.4	6.8
3/21/2013	4	6.8	6.4	5.8	6.3	6.6	6.5	7.4	6.8
3/21/2013	5	6.7	6.3	5.7	6.2	6.6	6.5	7.3	6.7
3/21/2013	6	6.7	6.3	5.6	6.1	6.5	6.4	7.3	6.6
3/21/2013	7	6.7	6.3	5.6	6.1	6.4	6.3	7.3	6.6
3/21/2013	8	6.6	6.3	5.9	6.1	6.5	6.4	7.3	6.6
3/21/2013	9	6.6	6.3	6.4	6.4	6.5	6.5	7.4	6.6
3/21/2013	10	6.6	6.5	6.9	6.5	6.6	6.6	7.4	6.7
3/21/2013	11	6.6	6.6	7.2	6.6	6.6	6.6	7.5	6.8
3/21/2013	12	6.6	6.7	7.4	6.6	6.6	6.6	7.6	6.7
3/21/2013	13	6.7	6.7	7.8	7.0	6.8	6.9	7.5	6.9
3/21/2013	14	6.8	6.7	7.7	7.4	6.9	6.9	7.4	7.1
3/21/2013	15	6.8	6.8	8.1	7.6	7.0	7.2	7.7	7.1
3/21/2013	16	6.8	6.8	7.9	7.7	7.1	7.2	7.8	7.1
3/21/2013	17	7.0	6.8	7.6	7.8	7.3	7.3	7.5	7.2
3/21/2013	18	7.1	6.8	7.2	7.9	7.4	7.4	7.5	7.4
3/21/2013	19	7.2	6.9	6.7	7.9	7.4	7.4	7.6	7.4
3/21/2013	20	7.2	6.9	6.4	7.8	7.3	7.3	7.6	7.3
3/21/2013	21	7.2	6.8	6.2	7.6	7.1	7.2	7.7	7.2
3/21/2013	22	7.1	6.7	6.1	7.3	7.0	7.0	7.7	7.1
3/21/2013	23	7.1	6.7	6.1	6.9	6.9	6.9	7.6	7.1
3/21/2013	24	7.0	6.6	6.0	6.7	6.9	6.8	7.6	7.0
3/22/2013	1	7.0	6.6	5.9	6.5	6.8	6.7	7.5	6.9
3/22/2013	2	6.9	6.5	5.8	6.3	6.7	6.6	7.4	6.9
3/22/2013	3	6.9	6.4	5.7	6.2	6.6	6.5	7.4	6.8
3/22/2013	4	6.8	6.4	5.7	6.1	6.6	6.5	7.3	6.7
3/22/2013	5	6.7	6.2	5.6	6.0	6.5	6.4	7.2	6.7
3/22/2013	6	6.7	6.1	5.5	5.9	6.4	6.3	7.2	6.6
3/22/2013	7	6.6	6.1	5.5	5.8	6.4	6.3	7.3	6.6
3/22/2013	8	6.6	6.2	5.8	5.9	6.4	6.4	7.3	6.6
3/22/2013	9	6.5	6.2	6.3	6.1	6.5	6.5	7.3	6.6
3/22/2013	10	6.5	6.4	6.8	6.3	6.5	6.5	7.4	6.7
3/22/2013	11	6.6	6.6	7.6	6.5	6.7	6.7	7.5	6.9
3/22/2013	12	6.6	6.8	8.6	6.7	6.7	6.8	7.6	6.8
3/22/2013	13	6.8	6.8	8.3	7.1	6.8	6.9	7.5	7.0

## 2013 Chelan River 1st Quarter Hourly Temperature Data

Date	Hour	Low Level Outlet Pipe -Auto- (Deg. C)	Top of Reach 1 -Logger- (Deg. C)	End of Reach 1 -Logger- (Deg. C)	End of Reach 3 -Logger- (Deg. C)	Top of Reach 4 -Logger- (Deg. C)	End of Reach 4 -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
3/22/2013	14	6.9	6.8	8.4	7.5	7.0	7.1	7.5	7.0
3/22/2013	15	6.9	6.9	8.4	8.0	7.2	7.3	7.7	7.1
3/22/2013	16	6.9	7.0	8.3	8.3	7.3	7.5	7.8	7.2
3/22/2013	17	7.1	7.1	7.8	8.5	7.5	7.6	7.6	7.4
3/22/2013	18	7.2	7.1	7.4	8.5	7.5	7.6	7.6	7.4
3/22/2013	19	7.3	7.0	7.0	8.4	7.5	7.6	7.6	7.4
3/22/2013	20	7.3	6.9	6.6	8.2	7.4	7.5	7.7	7.4
3/22/2013	21	7.3	6.8	6.3	7.9	7.3	7.3	7.7	7.3
3/22/2013	22	7.2	6.7	6.2	7.6	7.2	7.2	7.8	7.2
3/22/2013	23	7.2	6.6	6.0	7.2	7.0	7.0	7.7	7.1
3/22/2013	24	7.1	6.5	5.9	6.9	6.9	6.9	7.7	7.0
3/23/2013	1	7.0	6.4	5.8	6.6	6.9	6.8	7.6	7.0
3/23/2013	2	7.0	6.4	5.7	6.5	6.8	6.7	7.6	6.9
3/23/2013	3	6.9	6.3	5.6	6.2	6.7	6.6	7.5	6.9
3/23/2013	4	6.9	6.2	5.6	6.1	6.7	6.5	7.4	6.9
3/23/2013	5	6.8	6.2	5.5	6.0	6.6	6.5	7.4	6.8
3/23/2013	6	6.8	6.1	5.4	5.8	6.5	6.4	7.3	6.7
3/23/2013	7	6.7	6.1	5.5	5.8	6.5	6.3	7.3	6.7
3/23/2013	8	6.7	6.2	5.7	5.8	6.4	6.3	7.3	6.6
3/23/2013	9	6.6	6.3	6.1	5.9	6.5	6.4	7.3	6.6
3/23/2013	10	6.6	6.4	6.5	6.0	6.5	6.5	7.4	6.6
3/23/2013	11	6.6	6.6	7.2	6.3	6.6	6.6	7.4	6.7
3/23/2013	12	6.6	6.7	7.8	6.5	6.8	6.8	7.4	6.9
3/23/2013	13	6.7	6.8	8.4	6.9	7.0	7.1	7.4	7.0
3/23/2013	14	6.9	6.9	8.9	7.4	7.2	7.3	7.4	7.2
3/23/2013	15	7.0	7.1	9.0	7.7	7.4	7.5	7.5	7.3
3/23/2013	16	7.1	7.1	8.8	8.1	7.6	7.7	7.5	7.4
3/23/2013	17	7.2	7.1	8.1	8.4	7.6	7.7	7.6	7.5
3/23/2013	18	7.3	7.1	7.6	8.6	7.6	7.8	7.7	7.5
3/23/2013	19	7.4	7.0	7.2	8.6	7.6	7.7	7.7	7.5
3/23/2013	20	7.4	7.0	6.7	8.5	7.5	7.6	7.8	7.4
3/23/2013	21	7.4	6.9	6.4	8.1	7.4	7.5	7.8	7.4
3/23/2013	22	7.3	6.8	6.2	7.7	7.3	7.3	7.9	7.3
3/23/2013	23	7.3	6.8	6.1	7.3	7.2	7.1	7.8	7.2
3/23/2013	24	7.2	6.7	6.0	7.0	7.0	7.0	7.7	7.2
3/24/2013	1	7.2	6.6	5.9	6.8	6.9	6.9	7.7	7.1
3/24/2013	2	7.1	6.5	5.9	6.6	6.8	6.8	7.6	7.0
3/24/2013	3	7.0	6.4	5.8	6.4	6.8	6.7	7.5	6.9
3/24/2013	4	6.9	6.3	5.7	6.2	6.7	6.6	7.4	6.9
3/24/2013	5	6.9	6.2	5.6	6.1	6.6	6.5	7.4	6.8
3/24/2013	6	6.8	6.1	5.5	6.0	6.5	6.4	7.3	6.7
3/24/2013	7	6.7	6.1	5.5	5.9	6.5	6.4	7.3	6.6
3/24/2013	8	6.7	6.2	5.8	6.0	6.5	6.4	7.3	6.6
3/24/2013	9	6.6	6.2	6.3	6.2	6.5	6.5	7.3	6.6
3/24/2013	10	6.6	6.5	6.9	6.3	6.6	6.6	7.4	6.7
3/24/2013	11	6.6	6.7	7.6	6.5	6.7	6.7	7.4	6.8

## 2013 Chelan River 1st Quarter Hourly Temperature Data

Date	Hour	Low Level Outlet Pipe -Auto- (Deg. C)	Top of Reach 1 -Logger- (Deg. C)	End of Reach 1 -Logger- (Deg. C)	End of Reach 3 -Logger- (Deg. C)	Top of Reach 4 -Logger- (Deg. C)	End of Reach 4 -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
3/24/2013	12	6.7	6.8	8.3	6.7	6.9	6.9	7.4	7.0
3/24/2013	13	6.8	7.0	8.9	7.1	7.1	7.2	7.4	7.2
3/24/2013	14	7.0	7.2	9.1	7.7	7.4	7.5	7.5	7.3
3/24/2013	15	7.1	7.2	9.0	8.1	7.5	7.7	7.5	7.4
3/24/2013	16	7.3	7.3	8.6	8.5	7.7	7.9	7.6	7.5
3/24/2013	17	7.3	7.3	8.1	8.9	7.7	7.9	7.7	7.5
3/24/2013	18	7.4	7.2	7.6	9.0	7.7	7.9	7.7	7.5
3/24/2013	19	7.4	7.1	7.2	8.9	7.6	7.8	7.8	7.5
3/24/2013	20	7.4	7.0	6.8	8.7	7.5	7.6	7.9	7.5
3/24/2013	21	7.4	6.9	6.5	8.3	7.4	7.5	7.9	7.4
3/24/2013	22	7.3	6.9	6.3	7.9	7.3	7.3	7.9	7.3
3/24/2013	23	7.3	6.8	6.2	7.5	7.2	7.2	7.8	7.3
3/24/2013	24	7.2	6.7	6.1	7.2	7.1	7.1	7.8	7.2
3/25/2013	1	7.2	6.6	6.0	6.9	7.0	6.9	7.7	7.1
3/25/2013	2	7.1	6.5	5.9	6.7	6.9	6.8	7.6	7.1
3/25/2013	3	7.1	6.5	5.8	6.5	6.8	6.8	7.6	7.0
3/25/2013	4	7.0	6.4	5.7	6.4	6.8	6.7	7.5	6.9
3/25/2013	5	6.9	6.3	5.6	6.2	6.7	6.6	7.4	6.9
3/25/2013	6	6.9	6.2	5.6	6.1	6.6	6.5	7.4	6.8
3/25/2013	7	6.8	6.2	5.6	6.0	6.6	6.5	7.5	6.8
3/25/2013	8	6.8	6.3	5.9	6.1	6.6	6.5	7.5	6.8
3/25/2013	9	6.7	6.4	6.4	6.3	6.6	6.6	7.5	6.8
3/25/2013	10	6.7	6.7	7.1	6.5	6.7	6.7	7.5	6.9
3/25/2013	11	6.8	6.9	7.9	6.6	6.9	6.9	7.5	7.0
3/25/2013	12	6.9	7.1	8.7	6.8	7.1	7.1	7.5	7.2
3/25/2013	13	7.0	7.2	9.4	7.3	7.3	7.4	7.5	7.3
3/25/2013	14	7.2	7.4	9.7	8.0	7.6	7.7	7.6	7.5
3/25/2013	15	7.3	7.5	9.7	8.5	7.8	8.0	7.7	7.7
3/25/2013	16	7.5	7.6	9.4	8.9	8.0	8.2	7.8	7.8
3/25/2013	17	7.6	7.6	8.8	9.3	8.1	8.3	8.0	7.9
3/25/2013	18	7.7	7.6	8.2	9.5	8.1	8.3	8.1	7.9
3/25/2013	19	7.7	7.5	7.7	9.5	8.1	8.3	8.2	7.9
3/25/2013	20	7.8	7.5	7.2	9.3	8.0	8.1	8.3	7.9
3/25/2013	21	7.7	7.4	6.9	8.9	7.9	8.0	8.4	7.8
3/25/2013	22	7.7	7.3	6.7	8.5	7.8	7.8	8.3	7.7
3/25/2013	23	7.7	7.2	6.6	8.0	7.6	7.6	8.3	7.7
3/25/2013	24	7.6	7.2	6.5	7.6	7.5	7.5	8.2	7.6
3/26/2013	1	7.6	7.1	6.4	7.3	7.4	7.4	8.1	7.6
3/26/2013	2	7.5	7.0	6.3	7.1	7.3	7.3	8.1	7.5
3/26/2013	3	7.5	6.9	6.2	6.9	7.3	7.2	8.0	7.4
3/26/2013	4	7.4	6.9	6.1	6.7	7.2	7.1	7.9	7.3
3/26/2013	5	7.4	6.8	6.1	6.6	7.1	7.0	7.9	7.2
3/26/2013	6	7.3	6.7	6.0	6.5	7.0	6.9	7.8	7.1
3/26/2013	7	7.2	6.7	6.0	6.4	6.9	6.8	7.8	7.1
3/26/2013	8	7.1	6.8	6.3	6.5	6.9	6.9	7.8	7.0
3/26/2013	9	7.1	6.8	6.8	6.6	6.9	6.9	7.8	7.1

## 2013 Chelan River 1st Quarter Hourly Temperature Data

Date	Hour	Low Level Outlet Pipe -Auto- (Deg. C)	Top of Reach 1 -Logger- (Deg. C)	End of Reach 1 -Logger- (Deg. C)	End of Reach 3 -Logger- (Deg. C)	Top of Reach 4 -Logger- (Deg. C)	End of Reach 4 -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
3/26/2013	10	7.1	7.1	7.5	6.8	7.0	7.1	7.8	7.2
3/26/2013	11	7.1	7.3	8.3	6.9	7.2	7.2	7.8	7.3
3/26/2013	12	7.2	7.4	9.1	7.2	7.4	7.5	7.7	7.5
3/26/2013	13	7.3	7.6	9.8	7.8	7.7	7.8	7.8	7.7
3/26/2013	14	7.5	7.8	10.1	8.4	8.0	8.2	8.0	7.9
3/26/2013	15	7.7	8.0	10.2	9.0	8.2	8.5	8.1	8.1
3/26/2013	16	7.9	8.1	10.0	9.4	8.4	8.7	8.2	8.2
3/26/2013	17	8.0	8.2	9.3	9.9	8.5	8.7	8.4	8.3
3/26/2013	18	8.1	8.2	8.8	10.1	8.6	8.8	8.5	8.3
3/26/2013	19	8.2	8.1	8.3	10.1	8.5	8.7	8.6	8.3
3/26/2013	20	8.2	8.1	7.9	9.9	8.4	8.6	8.7	8.3
3/26/2013	21	8.2	8.0	7.6	9.6	8.3	8.5	8.8	8.2
3/26/2013	22	8.2	8.0	7.5	9.2	8.2	8.3	8.7	8.2
3/26/2013	23	8.1	7.9	7.5	8.8	8.1	8.2	8.6	8.1
3/26/2013	24	8.1	7.9	7.4	8.5	8.1	8.1	8.6	8.1
3/27/2013	1	8.0	7.8	7.4	8.2	8.0	8.0	8.5	8.0
3/27/2013	2	8.0	7.7	7.4	8.1	7.9	7.9	8.5	7.9
3/27/2013	3	7.9	7.7	7.3	8.0	7.8	7.8	8.4	7.9
3/27/2013	4	7.9	7.6	7.2	7.9	7.8	7.7	8.4	7.8
3/27/2013	5	7.8	7.5	7.1	7.8	7.7	7.7	8.4	7.8
3/27/2013	6	7.8	7.4	7.0	7.7	7.7	7.7	8.4	7.8
3/27/2013	7	7.7	7.5	7.0	7.6	7.7	7.7	8.4	7.8
3/27/2013	8	7.7	7.6	7.2	7.6	7.8	7.8	8.4	7.8
3/27/2013	9	7.7	7.6	7.5	7.8	7.8	7.8	8.4	7.9
3/27/2013	10	7.8	7.9	8.0	7.9	7.9	7.9	8.4	8.0
3/27/2013	11	7.8	8.1	8.8	8.1	8.0	8.0	8.5	8.0
3/27/2013	12	7.9	8.3	9.3	8.3	8.1	8.2	8.5	8.1
3/27/2013	13	8.0	8.3	9.7	8.7	8.2	8.4	8.5	8.2
3/27/2013	14	8.1	8.4	10.0	9.2	8.4	8.6	8.6	8.3
3/27/2013	15	8.1	8.5	10.0	9.6	8.5	8.7	8.6	8.4
3/27/2013	16	8.2	8.5	9.7	9.9	8.6	8.8	8.7	8.5
3/27/2013	17	8.3	8.5	9.3	10.1	8.7	8.9	8.8	8.5
3/27/2013	18	8.3	8.5	8.8	10.2	8.7	8.9	8.8	8.5
3/27/2013	19	8.4	8.5	8.5	10.2	8.7	8.9	8.9	8.5
3/27/2013	20	8.4	8.4	8.3	10.1	8.7	8.8	8.9	8.5
3/27/2013	21	8.4	8.4	8.2	9.8	8.6	8.7	8.9	8.5
3/27/2013	22	8.3	8.4	8.0	9.5	8.5	8.6	8.9	8.5
3/27/2013	23	8.3	8.2	7.8	9.2	8.4	8.5	8.9	8.4
3/27/2013	24	8.3	8.1	7.7	8.9	8.4	8.4	8.9	8.4
3/28/2013	1	8.3	8.1	7.6	8.7	8.4	8.4	8.9	8.4
3/28/2013	2	8.3	8.1	7.5	8.5	8.3	8.3	8.9	8.4
3/28/2013	3	8.3	8.0	7.4	8.3	8.3	8.3	8.9	8.4
3/28/2013	4	8.3	8.0	7.3	8.1	8.3	8.2	8.8	8.4
3/28/2013	5	8.3	7.9	7.2	8.0	8.2	8.2	8.8	8.4
3/28/2013	6	8.3	7.9	7.1	7.9	8.2	8.1	8.8	8.3
3/28/2013	7	8.3	8.0	7.2	7.8	8.2	8.1	8.8	8.3

## 2013 Chelan River 1st Quarter Hourly Temperature Data

Date	Hour	Low Level Outlet Pipe -Auto- (Deg. C)	Top of Reach 1 -Logger- (Deg. C)	End of Reach 1 -Logger- (Deg. C)	End of Reach 3 -Logger- (Deg. C)	Top of Reach 4 -Logger- (Deg. C)	End of Reach 4 -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
3/28/2013	8	8.3	8.1	7.4	7.8	8.1	8.1	8.8	8.3
3/28/2013	9	8.2	8.2	7.9	7.9	8.2	8.1	8.8	8.3
3/28/2013	10	8.2	8.4	8.3	7.9	8.2	8.2	8.8	8.3
3/28/2013	11	8.2	8.5	9.1	8.1	8.3	8.4	8.8	8.3
3/28/2013	12	8.2	8.6	10.0	8.5	8.4	8.6	8.8	8.4
3/28/2013	13	8.3	8.6	10.6	9.0	8.7	8.8	8.8	8.6
3/28/2013	14	8.4	8.7	10.9	9.5	8.9	9.1	8.9	8.8
3/28/2013	15	8.5	8.9	11.0	10.1	9.1	9.3	9.0	8.9
3/28/2013	16	8.7	9.0	10.6	10.4	9.3	9.5	9.1	9.1
3/28/2013	17	8.8	9.1	10.1	10.9	9.3	9.6	9.3	9.1
3/28/2013	18	8.9	9.1	9.6	11.1	9.4	9.7	9.4	9.2
3/28/2013	19	9.0	9.0	9.1	11.1	9.4	9.6	9.5	9.2
3/28/2013	20	9.0	9.0	8.7	10.8	9.3	9.5	9.6	9.1
3/28/2013	21	9.0	8.9	8.4	10.4	9.2	9.3	9.6	9.0
3/28/2013	22	8.9	8.8	8.3	10.0	9.1	9.2	9.5	9.0
3/28/2013	23	8.9	8.8	8.1	9.6	8.9	9.0	9.5	8.9
3/28/2013	24	8.9	8.7	8.0	9.3	8.8	8.9	9.5	8.8
3/29/2013	1	8.8	8.6	7.9	9.0	8.8	8.8	9.4	8.9
3/29/2013	2	8.8	8.5	7.9	8.8	8.8	8.8	9.4	8.9
3/29/2013	3	8.8	8.5	7.7	8.6	8.7	8.7	9.3	8.9
3/29/2013	4	8.8	8.4	7.6	8.5	8.7	8.6	9.3	8.8
3/29/2013	5	8.7	8.4	7.5	8.3	8.6	8.6	9.3	8.8
3/29/2013	6	8.7	8.3	7.4	8.2	8.5	8.5	9.3	8.7
3/29/2013	7	8.7	8.3	7.4	8.1	8.5	8.4	9.2	8.6
3/29/2013	8	8.6	8.4	7.8	8.1	8.5	8.4	9.2	8.5
3/29/2013	9	8.5	8.5	8.4	8.3	8.5	8.5	9.2	8.5
3/29/2013	10	8.5	8.7	9.1	8.4	8.5	8.6	9.2	8.6
3/29/2013	11	8.5	8.9	10.0	8.5	8.7	8.7	9.1	8.7
3/29/2013	12	8.6	8.9	10.7	8.9	8.8	9.0	9.1	8.8
3/29/2013	13	8.6	9.0	11.4	9.5	9.1	9.3	9.2	9.0
3/29/2013	14	8.8	9.1	11.7	10.3	9.4	9.6	9.3	9.2
3/29/2013	15	8.9	9.3	11.7	10.8	9.7	9.9	9.5	9.4
3/29/2013	16	9.1	9.4	11.3	11.2	9.9	10.1	9.6	9.6
3/29/2013	17	9.3	9.5	10.7	11.7	9.9	10.2	9.7	9.6
3/29/2013	18	9.4	9.5	10.2	11.9	10.0	10.2	9.9	9.7
3/29/2013	19	9.4	9.5	9.6	11.8	10.0	10.2	10.0	9.7
3/29/2013	20	9.5	9.5	9.1	11.5	9.9	10.1	10.1	9.7
3/29/2013	21	9.5	9.5	8.8	11.1	9.8	10.0	10.1	9.7
3/29/2013	22	9.5	9.5	8.6	10.6	9.7	9.8	10.1	9.7
3/29/2013	23	9.6	9.4	8.4	10.1	9.7	9.7	10.0	9.7
3/29/2013	24	9.5	9.4	8.4	9.7	9.6	9.6	10.0	9.6
3/30/2013	1	9.5	9.3	8.3	9.4	9.4	9.4	9.9	9.5
3/30/2013	2	9.5	9.2	8.3	9.2	9.3	9.3	9.9	9.4
3/30/2013	3	9.4	9.0	8.2	9.0	9.2	9.2	9.8	9.3
3/30/2013	4	9.3	8.9	8.2	8.8	9.1	9.1	9.8	9.2
3/30/2013	5	9.2	8.8	8.0	8.7	9.0	9.0	9.8	9.2

## 2013 Chelan River 1st Quarter Hourly Temperature Data

Date	Hour	Low Level Outlet Pipe -Auto- (Deg. C)	Top of Reach 1 -Logger- (Deg. C)	End of Reach 1 -Logger- (Deg. C)	End of Reach 3 -Logger- (Deg. C)	Top of Reach 4 -Logger- (Deg. C)	End of Reach 4 -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
3/30/2013	6	9.1	8.7	7.9	8.6	9.0	8.9	9.7	9.1
3/30/2013	7	9.1	8.7	7.9	8.5	8.9	8.8	9.7	9.0
3/30/2013	8	9.0	8.9	8.3	8.6	8.9	8.9	9.7	9.0
3/30/2013	9	8.9	8.9	8.8	8.7	8.9	8.9	9.7	9.0
3/30/2013	10	8.9	9.1	9.5	8.9	9.0	9.1	9.7	9.1
3/30/2013	11	8.9	9.4	10.4	9.0	9.2	9.3	9.7	9.3
3/30/2013	12	9.1	9.4	11.2	9.3	9.5	9.6	9.7	9.5
3/30/2013	13	9.2	9.6	11.7	10.0	9.8	9.9	9.8	9.7
3/30/2013	14	9.4	9.8	12.1	10.7	10.0	10.2	10.0	9.9
3/30/2013	15	9.6	10.0	12.2	11.3	10.3	10.5	10.1	10.1
3/30/2013	16	9.8	10.1	12.0	11.7	10.5	10.7	10.2	10.2
3/30/2013	17	9.9	10.2	11.3	12.2	10.6	10.9	10.4	10.3
3/30/2013	18	10.1	10.3	10.7	12.4	10.7	10.9	10.5	10.4
3/30/2013	19	10.2	10.3	10.3	12.4	10.6	10.9	10.7	10.4
3/30/2013	20	10.2	10.2	9.8	12.1	10.5	10.7	10.8	10.3
3/30/2013	21	10.2	10.2	9.5	11.7	10.4	10.6	10.8	10.2
3/30/2013	22	10.1	10.1	9.3	11.2	10.3	10.4	10.7	10.2
3/30/2013	23	10.1	10.0	9.2	10.8	10.1	10.2	10.7	10.1
3/30/2013	24	10.0	9.9	9.1	10.4	10.0	10.1	10.6	10.0
3/31/2013	1	9.9	9.8	9.0	10.1	10.0	10.0	10.5	10.0
3/31/2013	2	9.9	9.6	8.9	9.8	9.9	9.9	10.5	10.0
3/31/2013	3	9.8	9.5	8.7	9.7	9.8	9.8	10.4	9.9
3/31/2013	4	9.8	9.4	8.6	9.5	9.7	9.6	10.4	9.7
3/31/2013	5	9.7	9.3	8.5	9.3	9.6	9.5	10.3	9.7
3/31/2013	6	9.6	9.2	8.4	9.2	9.5	9.5	10.3	9.7
3/31/2013	7	9.5	9.2	8.4	9.0	9.5	9.4	10.2	9.6
3/31/2013	8	9.5	9.4	8.8	9.1	9.5	9.5	10.2	9.6
3/31/2013	9	9.4	9.5	9.3	9.2	9.5	9.5	10.1	9.5
3/31/2013	10	9.4	9.7	10.0	9.3	9.5	9.6	10.1	9.6
3/31/2013	11	9.4	9.8	10.9	9.5	9.6	9.7	10.0	9.6
3/31/2013	12	9.5	9.9	11.7	9.8	9.9	10.0	10.0	9.9
3/31/2013	13	9.6	10.0	12.3	10.5	10.1	10.3	10.1	10.1
3/31/2013	14	9.8	10.2	12.7	11.3	10.5	10.7	10.3	10.3
3/31/2013	15	10.0	10.4	12.7	11.8	10.7	11.0	10.4	10.4
3/31/2013	16	10.2	10.5	12.3	12.3	10.9	11.2	10.6	10.6
3/31/2013	17	10.3	10.6	11.8	12.7	11.0	11.2	10.7	10.7
3/31/2013	18	10.5	10.7	11.1	12.9	11.0	11.3	10.9	10.8
3/31/2013	19	10.5	10.6	10.6	12.9	11.0	11.2	11.0	10.7
3/31/2013	20	10.6	10.6	10.1	12.7	10.9	11.1	11.1	10.7
3/31/2013	21	10.5	10.6	9.8	12.2	10.8	10.9	11.2	10.6
3/31/2013	22	10.5	10.5	9.7	11.8	10.7	10.8	11.1	10.6
3/31/2013	23	10.5	10.4	9.5	11.2	10.5	10.6	11.1	10.5
3/31/2013	24	10.4	10.3	9.4	10.8	10.5	10.5	11.1	10.5