

2013 Chelan River Temperature Hourly Data - 3rd Quarter

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 R4 Habitat Channel -Logger- (Deg. C)	End of R4 Habitat Channel -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
7/1/2013	1	18.4	18.4	19.2	19.4	19.4	19.4	18.9	18.5
7/1/2013	2	18.3	18.3	19.1	19.3	19.2	19.3	18.8	18.4
7/1/2013	3	18.1	18.2	18.8	19.2	19.1	19.1	18.7	18.4
7/1/2013	4	18.0	18.1	18.7	19.0	18.9	18.9	18.6	18.2
7/1/2013	5	17.9	17.9	18.5	18.9	18.8	18.8	18.5	18.2
7/1/2013	6	17.9	17.9	18.4	18.7	18.6	18.6	18.4	17.9
7/1/2013	7	17.8	17.9	18.5	18.6	18.7	18.7	18.2	17.9
7/1/2013	8	17.8	17.6	18.7	18.7	18.8	18.8	18.2	18.0
7/1/2013	9	17.6	17.6	18.9	18.9	18.9	19.0	18.3	18.1
7/1/2013	10	17.5	17.5	19.2	19.1	19.2	19.3	18.3	18.2
7/1/2013	11	17.5	17.4	19.1	19.3	19.4	19.4	18.4	18.4
7/1/2013	12	17.3	17.3	18.8	19.3	19.2	19.2	18.4	18.3
7/1/2013	13	17.3	17.3	18.6	19.1	18.9	19.0	18.5	18.3
7/1/2013	14	17.4	17.3	18.6	18.9	18.9	19.0	18.6	18.2
7/1/2013	15	17.5	17.6	19.0	18.9	19.1	19.1	18.8	18.4
7/1/2013	16	17.6	17.9	19.2	19.2	19.2	19.3	18.9	18.6
7/1/2013	17	17.8	17.8	19.6	19.4	19.7	19.7	19.0	18.8
7/1/2013	18	17.9	17.9	19.7	19.6	19.6	19.7	19.1	18.9
7/1/2013	19	17.9	17.7	19.5	19.7	19.7	19.8	19.3	19.1
7/1/2013	20	17.8	17.6	19.3	19.7	19.6	19.6	19.4	19.0
7/1/2013	21	17.8	17.9	19.2	19.5	19.4	19.4	19.5	19.0
7/1/2013	22	17.7	17.7	19.1	19.4	19.3	19.3	19.5	19.0
7/1/2013	23	17.8	17.9	19.2	19.3	19.4	19.4	19.3	18.9
7/1/2013	24	17.8	17.6	19.1	19.3	19.3	19.4	19.2	19.3
7/2/2013	1	17.7	17.8	19.1	19.2	19.2	19.2	19.3	18.8
7/2/2013	2	17.9	17.7	19.1	19.3	19.3	19.3	19.1	18.8
7/2/2013	3	17.8	17.5	18.9	19.3	19.2	19.3	19.1	19.0
7/2/2013	4	17.8	17.9	19.1	19.1	19.0	19.0	19.2	18.8
7/2/2013	5	17.8	18.0	19.0	19.2	19.2	19.2	19.3	19.0
7/2/2013	6	17.9	18.3	19.0	19.2	19.2	19.2	19.3	19.0
7/2/2013	7	17.9	17.7	19.1	19.1	19.2	19.2	19.3	19.0
7/2/2013	8	17.8	18.0	19.4	19.3	19.5	19.4	19.3	18.7
7/2/2013	9	17.8	17.8	19.6	19.6	19.6	19.7	19.3	18.9
7/2/2013	10	17.9	18.0	19.8	19.8	19.9	19.9	19.4	19.0
7/2/2013	11	17.9	18.4	20.0	20.0	20.0	20.1	19.4	18.9
7/2/2013	12	17.9	18.7	20.2	20.2	20.2	20.3	19.3	19.0
7/2/2013	13	18.1	19.1	20.5	20.4	20.6	20.7	19.4	19.0
7/2/2013	14	18.5	19.3	20.7	20.7	20.8	20.9	19.5	19.2
7/2/2013	15	18.8	19.4	20.8	20.9	21.0	21.1	19.5	19.2
7/2/2013	16	18.8	19.3	20.7	21.0	20.9	21.0	19.6	19.2
7/2/2013	17	18.8	19.5	20.7	20.9	20.9	20.9	19.6	19.1
7/2/2013	18	18.8	19.5	20.7	20.8	20.9	20.9	19.6	19.4
7/2/2013	19	19.0	19.7	20.7	20.8	20.8	20.9	19.9	19.9
7/2/2013	20	19.4	20.3	20.8	20.8	20.9	20.9	20.3	20.3
7/2/2013	21	20.0	20.6	21.1	21.0	21.1	21.1	20.7	20.7
7/2/2013	22	20.8	21.4	21.3	21.1	21.3	21.2	21.0	21.1

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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 R4 Habitat Channel -Logger- (Deg. C)	End of R4 Habitat Channel -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
7/2/2013	23	21.6	21.7	21.4	21.4	21.6	21.5	21.4	21.6
7/2/2013	24	21.7	21.7	21.6	21.6	21.7	21.7	21.8	21.8
7/3/2013	1	21.7	21.7	21.6	21.7	21.7	21.7	22.0	21.7
7/3/2013	2	21.5	21.6	21.5	21.7	21.7	21.7	21.9	21.6
7/3/2013	3	21.4	21.5	21.5	21.6	21.6	21.6	21.8	21.6
7/3/2013	4	21.4	21.4	21.4	21.6	21.6	21.5	21.8	21.5
7/3/2013	5	21.3	21.3	21.3	21.5	21.5	21.4	21.7	21.4
7/3/2013	6	21.2	21.2	21.2	21.4	21.4	21.4	21.6	21.3
7/3/2013	7	21.1	21.2	21.2	21.3	21.3	21.3	21.5	21.2
7/3/2013	8	21.1	21.1	21.2	21.3	21.3	21.4	21.5	21.2
7/3/2013	9	21.1	21.1	21.3	21.4	21.4	21.5	21.5	21.2
7/3/2013	10	21.1	21.2	21.4	21.5	21.5	21.6	21.5	21.2
7/3/2013	11	21.1	21.2	21.5	21.6	21.7	21.7	21.6	21.2
7/3/2013	12	21.2	21.3	21.7	21.8	21.8	21.9	21.6	21.3
7/3/2013	13	21.3	21.4	21.8	21.9	21.9	22.0	21.7	21.4
7/3/2013	14	21.3	21.4	21.8	22.0	22.0	22.1	21.7	21.4
7/3/2013	15	21.4	21.5	21.8	22.0	22.0	22.1	21.8	21.5
7/3/2013	16	21.5	21.6	21.8	22.0	22.0	22.1	21.8	21.6
7/3/2013	17	21.5	21.6	21.8	22.0	22.0	22.0	21.8	21.6
7/3/2013	18	21.5	21.5	21.7	21.9	21.9	21.9	21.8	21.6
7/3/2013	19	21.5	21.6	21.6	21.8	21.7	21.7	21.7	21.6
7/3/2013	20	21.6	21.6	21.5	21.7	21.7	21.6	21.7	21.6
7/3/2013	21	21.5	21.5	21.4	21.7	21.6	21.6	21.6	21.5
7/3/2013	22	21.4	21.3	21.3	21.6	21.5	21.5	21.6	21.4
7/3/2013	23	21.3	21.2	21.2	21.4	21.3	21.3	21.5	21.3
7/3/2013	24	21.2	21.2	21.1	21.3	21.2	21.2	21.5	21.2
7/4/2013	1	21.1	21.1	21.0	21.2	21.1	21.1	21.4	21.2
7/4/2013	2	21.0	21.0	21.0	21.1	21.1	21.0	21.3	21.1
7/4/2013	3	20.9	20.9	20.9	21.1	21.0	21.0	21.2	21.0
7/4/2013	4	20.9	20.8	20.8	21.0	20.9	20.9	21.1	20.9
7/4/2013	5	20.8	20.7	20.7	20.9	20.8	20.8	21.0	20.8
7/4/2013	6	20.7	20.6	20.5	20.7	20.7	20.7	20.9	20.7
7/4/2013	7	20.6	20.5	20.4	20.7	20.6	20.5	20.8	20.5
7/4/2013	8	20.5	20.4	20.4	20.6	20.5	20.5	20.7	20.4
7/4/2013	9	20.4	20.4	20.5	20.6	20.6	20.6	20.7	20.4
7/4/2013	10	20.4	20.4	20.6	20.7	20.7	20.7	20.8	20.4
7/4/2013	11	20.4	20.4	20.7	20.8	20.8	20.9	20.8	20.5
7/4/2013	12	20.5	20.5	20.9	21.0	21.0	21.1	20.9	20.6
7/4/2013	13	20.5	20.6	21.1	21.1	21.2	21.3	21.0	20.7
7/4/2013	14	20.7	20.8	21.3	21.2	21.3	21.4	21.0	20.8
7/4/2013	15	20.8	20.9	21.4	21.4	21.5	21.5	21.1	20.9
7/4/2013	16	20.9	21.0	21.5	21.5	21.6	21.6	21.2	21.0
7/4/2013	17	21.0	21.1	21.4	21.5	21.6	21.6	21.2	21.0
7/4/2013	18	21.1	21.1	21.3	21.5	21.4	21.5	21.2	21.1
7/4/2013	19	21.1	21.1	21.1	21.4	21.2	21.2	21.3	21.1
7/4/2013	20	21.1	21.0	20.8	21.2	21.1	21.0	21.3	21.1

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7/4/2013	21	21.0	21.0	20.7	21.0	20.9	20.9	21.3	21.1
7/4/2013	22	20.9	20.9	20.6	20.9	20.7	20.7	21.4	21.0
7/4/2013	23	20.9	20.8	20.6	20.8	20.7	20.7	21.4	20.9
7/4/2013	24	20.8	20.7	20.7	20.7	20.8	20.7	21.4	20.7
7/5/2013	1	20.7	20.7	20.6	20.7	20.7	20.7	21.4	20.6
7/5/2013	2	20.7	20.6	20.5	20.7	20.7	20.6	21.3	20.5
7/5/2013	3	20.6	20.5	20.4	20.6	20.6	20.5	21.3	20.4
7/5/2013	4	20.5	20.5	20.4	20.5	20.5	20.4	21.2	20.4
7/5/2013	5	20.4	20.4	20.3	20.5	20.4	20.4	21.1	20.3
7/5/2013	6	20.4	20.3	20.2	20.4	20.3	20.3	21.1	20.6
7/5/2013	7	20.3	20.2	20.2	20.3	20.3	20.3	20.9	20.3
7/5/2013	8	20.2	20.2	20.2	20.3	20.3	20.3	20.5	20.2
7/5/2013	9	20.2	20.2	20.3	20.3	20.3	20.4	20.5	20.2
7/5/2013	10	20.2	20.2	20.4	20.4	20.5	20.6	20.6	20.2
7/5/2013	11	20.2	20.2	20.6	20.6	20.7	20.7	20.7	20.3
7/5/2013	12	20.3	20.3	20.8	20.8	20.9	21.0	20.7	20.3
7/5/2013	13	20.3	20.4	21.0	21.0	21.1	21.2	20.8	20.4
7/5/2013	14	20.5	20.6	21.2	21.2	21.3	21.4	20.8	20.6
7/5/2013	15	20.6	20.7	21.4	21.3	21.5	21.5	20.9	20.7
7/5/2013	16	20.7	20.8	21.4	21.4	21.6	21.6	20.9	20.8
7/5/2013	17	20.9	21.0	21.4	21.5	21.5	21.6	21.0	20.9
7/5/2013	18	20.9	21.0	21.3	21.4	21.4	21.5	21.0	21.0
7/5/2013	19	21.0	21.1	21.1	21.4	21.3	21.3	21.0	21.1
7/5/2013	20	21.0	21.0	20.8	21.2	21.1	21.1	21.1	21.1
7/5/2013	21	21.0	21.0	20.5	21.1	20.8	20.8	21.1	21.0
7/5/2013	22	20.9	20.9	20.3	20.8	20.5	20.5	21.1	21.0
7/5/2013	23	20.9	20.9	20.2	20.6	20.3	20.2	21.1	21.0
7/5/2013	24	20.8	20.8	20.1	20.4	20.2	20.1	21.2	20.9
7/6/2013	1	20.8	20.7	20.0	20.3	20.1	20.0	21.1	20.8
7/6/2013	2	20.7	20.7	20.0	20.2	20.0	20.0	21.0	20.7
7/6/2013	3	20.6	20.6	19.9	20.1	19.9	19.9	21.0	20.6
7/6/2013	4	20.6	20.5	19.9	20.0	19.9	19.9	20.9	20.6
7/6/2013	5	20.5	20.4	19.8	20.0	19.9	19.8	20.8	20.5
7/6/2013	6	20.4	20.4	19.9	19.9	19.8	19.8	20.7	20.4
7/6/2013	7	20.4	20.3	19.9	19.9	19.8	19.8	20.7	20.4
7/6/2013	8	20.3	20.3	20.1	19.9	19.9	19.9	20.6	20.4
7/6/2013	9	20.3	20.3	20.4	20.1	20.1	20.1	20.7	20.4
7/6/2013	10	20.3	20.4	20.9	20.3	20.5	20.5	20.8	20.4
7/6/2013	11	20.4	20.5	21.5	20.7	21.1	21.1	20.8	20.5
7/6/2013	12	20.5	20.6	21.9	21.3	21.7	21.7	20.9	20.6
7/6/2013	13	20.6	20.7	22.4	21.9	22.2	22.3	21.0	20.7
7/6/2013	14	20.7	20.8	22.7	22.3	22.6	22.7	21.1	20.8
7/6/2013	15	20.9	21.0	22.8	22.8	23.0	23.2	21.1	21.0
7/6/2013	16	21.0	21.2	22.7	23.0	23.2	23.4	21.2	21.0
7/6/2013	17	21.1	21.2	22.6	23.1	23.1	23.3	21.2	21.1
7/6/2013	18	21.1	21.2	22.2	23.0	22.8	23.0	21.2	21.2

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7/6/2013	19	21.1	21.2	21.8	22.8	22.4	22.6	21.3	21.2
7/6/2013	20	21.2	21.2	21.2	22.5	22.1	22.2	21.3	21.3
7/6/2013	21	21.2	21.2	20.8	22.2	21.6	21.7	21.3	21.3
7/6/2013	22	21.2	21.2	20.6	21.8	21.2	21.2	21.3	21.2
7/6/2013	23	21.1	21.1	20.5	21.4	20.8	20.8	21.3	21.2
7/6/2013	24	21.0	21.0	20.4	21.0	20.6	20.6	21.3	21.1
7/7/2013	1	20.9	20.8	20.3	20.8	20.4	20.4	21.2	20.9
7/7/2013	2	20.5	20.4	20.2	20.6	20.3	20.3	21.1	20.7
7/7/2013	3	20.3	20.2	20.0	20.5	20.2	20.2	21.0	20.6
7/7/2013	4	20.2	20.0	19.8	20.3	20.1	20.1	20.9	20.5
7/7/2013	5	20.0	19.9	19.5	20.2	19.9	19.9	20.8	20.4
7/7/2013	6	20.0	19.9	19.4	20.0	19.7	19.7	20.7	20.3
7/7/2013	7	20.0	19.9	19.4	19.8	19.5	19.5	20.6	20.3
7/7/2013	8	19.9	19.9	19.7	19.8	19.5	19.6	20.6	20.3
7/7/2013	9	19.8	19.8	20.1	19.9	19.6	19.7	20.6	20.3
7/7/2013	10	19.8	19.9	20.8	20.2	20.1	20.1	20.7	20.3
7/7/2013	11	19.7	19.8	21.3	20.7	20.7	20.7	20.7	20.3
7/7/2013	12	19.7	19.7	21.8	21.2	21.4	21.5	20.7	20.3
7/7/2013	13	19.7	19.7	22.2	21.9	22.0	22.1	20.8	20.3
7/7/2013	14	19.8	19.9	22.3	22.3	22.5	22.7	20.8	20.5
7/7/2013	15	19.9	20.1	22.3	22.7	22.8	23.1	20.9	20.7
7/7/2013	16	19.9	20.0	21.8	22.9	22.8	23.1	20.9	20.7
7/7/2013	17	19.8	19.8	21.2	22.8	22.6	22.8	20.9	20.7
7/7/2013	18	19.7	19.8	20.5	22.5	21.9	22.1	20.9	20.6
7/7/2013	19	19.7	19.7	20.0	22.0	21.1	21.3	20.8	20.6
7/7/2013	20	19.5	19.6	19.7	21.4	20.5	20.7	20.8	20.5
7/7/2013	21	19.6	19.5	19.5	20.9	20.1	20.2	20.8	20.5
7/7/2013	22	19.8	19.8	19.3	20.4	19.8	19.8	20.8	20.7
7/7/2013	23	19.5	19.7	19.2	20.1	19.5	19.5	20.8	20.5
7/7/2013	24	19.6	19.7	19.2	19.8	19.3	19.3	20.7	20.5
7/8/2013	1	19.4	19.4	19.1	19.6	19.2	19.2	20.7	20.5
7/8/2013	2	19.8	19.8	19.1	19.4	19.2	19.2	20.6	20.5
7/8/2013	3	19.6	19.4	19.0	19.3	19.1	19.1	20.6	20.5
7/8/2013	4	19.5	19.6	19.1	19.3	19.1	19.1	20.5	20.2
7/8/2013	5	19.1	18.9	19.0	19.2	19.1	19.0	20.5	20.2
7/8/2013	6	18.9	18.7	18.9	19.2	19.1	19.0	20.4	20.0
7/8/2013	7	19.0	18.7	18.8	19.2	19.0	19.0	20.3	20.1
7/8/2013	8	18.7	18.6	18.9	19.2	19.0	19.0	20.2	19.8
7/8/2013	9	18.7	18.5	19.3	19.3	19.0	19.1	20.1	19.7
7/8/2013	10	18.6	18.5	19.8	19.6	19.3	19.4	20.1	19.6
7/8/2013	11	18.6	18.6	20.5	20.0	19.9	20.0	20.0	19.5
7/8/2013	12	18.7	18.6	21.0	20.6	20.7	20.7	19.9	19.6
7/8/2013	13	18.5	18.6	21.3	21.2	21.3	21.4	19.9	19.6
7/8/2013	14	18.5	18.6	21.6	21.6	21.7	21.9	19.9	19.7
7/8/2013	15	18.4	18.4	21.5	21.9	22.0	22.2	19.9	19.5
7/8/2013	16	18.4	18.5	21.4	22.1	22.1	22.3	19.9	19.4

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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 R4 Habitat Channel -Logger- (Deg. C)	End of R4 Habitat Channel -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
7/8/2013	17	18.3	18.3	21.0	22.0	21.9	22.2	19.9	19.6
7/8/2013	18	18.3	18.2	20.5	21.9	21.6	21.8	20.0	19.6
7/8/2013	19	18.3	18.4	19.9	21.6	21.0	21.2	20.0	19.7
7/8/2013	20	18.3	18.5	19.3	21.2	20.5	20.7	20.1	20.0
7/8/2013	21	18.5	18.7	18.8	20.8	20.0	20.1	20.3	20.2
7/8/2013	22	18.6	18.7	18.6	20.3	19.4	19.5	20.5	20.4
7/8/2013	23	18.6	18.6	18.5	19.8	19.0	19.0	20.7	20.5
7/8/2013	24	18.5	18.5	18.5	19.4	18.7	18.8	20.9	20.5
7/9/2013	1	18.4	18.5	18.5	19.2	18.7	18.7	21.0	20.4
7/9/2013	2	18.4	18.3	18.4	19.0	18.6	18.6	21.0	20.3
7/9/2013	3	18.4	18.3	18.3	18.9	18.5	18.5	20.9	20.4
7/9/2013	4	18.5	18.6	18.2	18.7	18.4	18.4	20.9	20.4
7/9/2013	5	18.7	18.7	18.1	18.6	18.3	18.3	20.8	20.3
7/9/2013	6	18.7	18.6	18.1	18.5	18.2	18.2	20.8	20.3
7/9/2013	7	19.1	19.6	18.3	18.4	18.1	18.1	20.7	21.1
7/9/2013	8	19.8	19.7	18.7	18.4	18.2	18.3	21.2	21.2
7/9/2013	9	19.1	19.2	19.4	18.7	18.6	18.6	21.2	20.8
7/9/2013	10	18.8	18.8	20.4	19.1	19.1	19.1	21.1	20.7
7/9/2013	11	19.6	19.8	20.9	19.7	20.1	20.0	21.0	21.0
7/9/2013	12	19.5	20.0	21.2	20.5	21.1	21.2	21.1	21.0
7/9/2013	13	20.1	20.6	21.9	21.2	21.6	21.7	21.3	21.5
7/9/2013	14	20.3	20.6	22.2	21.7	22.1	22.2	21.5	21.5
7/9/2013	15	20.5	20.5	22.5	22.5	22.7	22.7	21.7	21.7
7/9/2013	16	20.2	20.7	22.5	22.8	22.9	23.0	21.7	21.6
7/9/2013	17	20.5	20.8	22.4	22.8	22.9	23.1	21.7	21.7
7/9/2013	18	20.3	20.4	21.9	22.6	22.7	22.9	21.8	21.7
7/9/2013	19	20.2	20.3	21.5	22.2	22.3	22.5	21.8	21.8
7/9/2013	20	20.7	20.9	20.9	21.8	21.9	22.0	21.8	22.0
7/9/2013	21	20.2	20.4	20.4	21.4	21.5	21.6	22.0	21.8
7/9/2013	22	20.1	20.0	20.3	20.8	20.9	21.1	22.1	21.8
7/9/2013	23	19.8	19.9	20.0	20.4	20.5	20.5	22.1	21.6
7/9/2013	24	19.8	19.8	19.8	20.2	20.3	20.3	22.1	21.6
7/10/2013	1	19.6	19.5	19.6	20.0	20.1	20.1	22.1	21.5
7/10/2013	2	19.4	19.4	19.4	19.8	19.8	19.9	22.0	21.5
7/10/2013	3	19.4	19.4	19.2	19.6	19.6	19.7	22.0	21.5
7/10/2013	4	19.4	19.3	19.1	19.4	19.5	19.5	22.0	21.5
7/10/2013	5	19.3	19.3	18.9	19.2	19.2	19.3	22.0	21.4
7/10/2013	6	19.4	19.4	18.8	19.0	19.1	19.1	21.9	21.4
7/10/2013	7	19.4	19.7	18.9	18.9	19.0	19.0	21.0	21.0
7/10/2013	8	19.9	20.3	19.3	19.0	19.0	19.1	21.3	21.7
7/10/2013	9	20.3	20.5	19.8	19.2	19.2	19.3	21.8	21.8
7/10/2013	10	20.0	20.0	20.7	19.8	19.7	19.8	21.7	21.6
7/10/2013	11	19.9	20.2	21.6	20.7	20.6	20.6	21.6	21.3
7/10/2013	12	20.0	20.0	21.8	21.8	21.6	21.6	21.5	21.5
7/10/2013	13	19.9	19.8	22.0	22.2	22.2	22.3	21.4	21.3
7/10/2013	14	19.7	19.9	21.9	22.2	22.3	22.4	21.4	20.9

2013 Chelan River Temperature Hourly Data - 3rd Quarter

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 R4 Habitat Channel -Logger- (Deg. C)	End of R4 Habitat Channel -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
7/10/2013	15	19.8	20.0	22.0	22.1	22.2	22.3	21.4	21.5
7/10/2013	16	19.7	20.0	21.9	22.1	22.2	22.3	21.7	21.7
7/10/2013	17	20.9	21.4	22.1	22.1	22.1	22.2	22.0	22.0
7/10/2013	18	21.6	21.9	22.1	22.1	22.2	22.2	22.2	22.5
7/10/2013	19	22.0	22.1	22.0	22.0	22.1	22.1	22.4	22.5
7/10/2013	20	22.1	22.3	21.8	22.0	22.0	22.0	22.6	22.4
7/10/2013	21	22.1	22.2	21.8	21.8	21.9	21.8	22.6	22.3
7/10/2013	22	22.2	22.3	21.8	21.9	21.9	21.9	22.5	22.3
7/10/2013	23	22.1	22.2	21.8	21.9	22.0	21.9	22.4	22.2
7/10/2013	24	22.1	22.1	21.7	21.8	21.9	21.8	22.4	22.2
7/11/2013	1	22.0	22.0	21.7	21.7	21.8	21.8	22.3	22.1
7/11/2013	2	21.9	21.9	21.6	21.7	21.7	21.7	22.3	22.0
7/11/2013	3	21.9	21.9	21.5	21.6	21.7	21.6	22.2	22.0
7/11/2013	4	21.8	21.9	21.5	21.6	21.7	21.6	22.2	22.0
7/11/2013	5	21.8	21.8	21.5	21.6	21.6	21.6	22.1	22.0
7/11/2013	6	21.7	21.8	21.5	21.5	21.6	21.6	22.1	21.9
7/11/2013	7	21.7	21.7	21.5	21.5	21.5	21.5	22.1	21.8
7/11/2013	8	21.7	21.7	21.6	21.5	21.6	21.6	22.0	21.8
7/11/2013	9	21.6	21.7	21.7	21.6	21.7	21.7	22.0	21.7
7/11/2013	10	21.6	21.7	21.9	21.8	21.8	21.8	22.0	21.7
7/11/2013	11	21.6	21.7	22.0	22.0	22.1	22.1	21.9	21.8
7/11/2013	12	21.6	21.7	22.2	22.2	22.3	22.3	21.9	21.8
7/11/2013	13	21.7	21.8	22.3	22.3	22.4	22.5	22.0	21.9
7/11/2013	14	21.8	21.9	22.3	22.4	22.5	22.5	22.0	22.0
7/11/2013	15	21.9	22.0	22.3	22.4	22.4	22.5	22.1	22.1
7/11/2013	16	21.9	22.0	22.4	22.4	22.5	22.6	22.1	22.1
7/11/2013	17	22.0	22.1	22.3	22.3	22.4	22.4	22.2	22.2
7/11/2013	18	22.0	22.1	22.1	22.2	22.2	22.3	22.3	22.2
7/11/2013	19	22.0	22.1	21.9	22.0	22.0	22.0	22.3	22.2
7/11/2013	20	22.0	22.1	21.7	21.7	21.8	21.8	22.3	22.2
7/11/2013	21	22.0	22.0	21.6	21.6	21.7	21.6	22.3	22.1
7/11/2013	22	21.9	21.9	21.5	21.6	21.6	21.5	22.2	22.1
7/11/2013	23	21.9	21.8	21.4	21.5	21.5	21.5	22.1	22.0
7/11/2013	24	21.8	21.8	21.4	21.4	21.5	21.4	22.0	21.9
7/12/2013	1	21.7	21.7	21.2	21.4	21.4	21.4	21.9	21.7
7/12/2013	2	21.6	21.6	21.1	21.2	21.2	21.2	21.8	21.7
7/12/2013	3	21.5	21.5	21.0	21.1	21.1	21.1	21.7	21.6
7/12/2013	4	21.4	21.4	21.0	21.0	21.0	21.0	21.7	21.5
7/12/2013	5	21.4	21.3	20.9	21.0	21.0	21.0	21.7	21.4
7/12/2013	6	21.3	21.3	20.8	20.9	20.9	20.9	21.6	21.4
7/12/2013	7	21.3	21.2	20.8	20.8	20.9	20.9	21.6	21.3
7/12/2013	8	21.2	21.2	21.0	20.9	20.9	21.0	21.6	21.3
7/12/2013	9	21.2	21.2	21.2	21.0	21.1	21.1	21.6	21.3
7/12/2013	10	21.2	21.2	21.4	21.3	21.4	21.4	21.5	21.3
7/12/2013	11	21.2	21.2	21.4	21.5	21.5	21.6	21.5	21.3
7/12/2013	12	21.2	21.2	21.4	21.4	21.5	21.5	21.5	21.4

2013 Chelan River Temperature Hourly Data - 3rd Quarter

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 R4 Habitat Channel -Logger- (Deg. C)	End of R4 Habitat Channel -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
7/12/2013	13	21.2	21.3	21.4	21.4	21.5	21.5	21.5	21.4
7/12/2013	14	21.3	21.3	21.4	21.4	21.5	21.5	21.5	21.4
7/12/2013	15	21.3	21.3	21.3	21.4	21.5	21.5	21.5	21.4
7/12/2013	16	21.3	21.3	21.3	21.3	21.4	21.5	21.5	21.5
7/12/2013	17	21.3	21.3	21.2	21.3	21.3	21.3	21.5	21.4
7/12/2013	18	21.3	21.3	21.0	21.1	21.2	21.2	21.5	21.4
7/12/2013	19	21.3	21.3	21.0	20.9	21.0	21.0	21.5	21.4
7/12/2013	20	21.3	21.2	20.9	20.9	20.9	20.9	21.5	21.3
7/12/2013	21	21.2	21.2	20.7	20.8	20.8	20.8	21.5	21.3
7/12/2013	22	21.2	21.1	20.5	20.6	20.6	20.6	21.4	21.2
7/12/2013	23	21.1	21.1	20.4	20.4	20.5	20.5	21.4	21.2
7/12/2013	24	21.1	21.0	20.4	20.3	20.4	20.3	21.3	21.2
7/13/2013	1	21.0	21.0	20.3	20.3	20.3	20.2	21.3	21.1
7/13/2013	2	21.0	20.9	20.2	20.2	20.2	20.2	21.3	21.1
7/13/2013	3	20.9	20.9	20.2	20.1	20.2	20.1	21.2	21.0
7/13/2013	4	20.9	20.8	20.1	20.1	20.1	20.1	21.2	21.0
7/13/2013	5	20.8	20.8	20.0	20.0	20.0	20.0	21.1	20.9
7/13/2013	6	20.8	20.7	20.0	19.9	20.0	19.9	21.1	20.8
7/13/2013	7	20.7	20.7	20.0	19.9	19.9	19.9	21.1	20.8
7/13/2013	8	20.7	20.6	20.2	19.9	19.9	20.0	21.0	20.7
7/13/2013	9	20.6	20.6	20.5	20.2	20.2	20.2	21.0	20.7
7/13/2013	10	20.6	20.6	20.9	20.5	20.5	20.6	21.0	20.7
7/13/2013	11	20.6	20.7	21.3	21.1	21.1	21.2	21.0	20.8
7/13/2013	12	20.6	20.7	21.7	21.6	21.6	21.7	20.9	20.8
7/13/2013	13	20.7	20.7	21.9	21.9	22.0	22.1	21.0	20.9
7/13/2013	14	20.8	20.9	22.1	22.2	22.3	22.4	21.1	21.0
7/13/2013	15	20.9	21.0	22.2	22.4	22.4	22.6	21.1	21.1
7/13/2013	16	21.0	21.1	22.1	22.3	22.5	22.6	21.2	21.2
7/13/2013	17	21.1	21.1	22.1	22.3	22.4	22.5	21.2	21.2
7/13/2013	18	21.1	21.2	21.9	22.1	22.2	22.3	21.3	21.2
7/13/2013	19	21.1	21.2	21.5	21.9	22.0	22.0	21.4	21.2
7/13/2013	20	21.1	21.2	21.0	21.6	21.7	21.7	21.4	21.2
7/13/2013	21	21.2	21.1	20.6	21.2	21.3	21.3	21.4	21.2
7/13/2013	22	21.1	21.1	20.4	20.8	20.9	20.9	21.3	21.2
7/13/2013	23	21.1	21.0	20.2	20.4	20.5	20.5	21.3	21.2
7/13/2013	24	21.0	21.0	20.1	20.2	20.2	20.2	21.3	21.1
7/14/2013	1	21.0	20.9	20.0	20.0	20.1	20.0	21.2	21.1
7/14/2013	2	20.9	20.9	19.9	19.9	19.9	19.9	21.2	21.0
7/14/2013	3	20.9	20.8	19.8	19.8	19.8	19.8	21.2	21.0
7/14/2013	4	20.8	20.7	19.7	19.7	19.7	19.7	21.1	20.9
7/14/2013	5	20.7	20.6	19.7	19.6	19.7	19.6	21.0	20.8
7/14/2013	6	20.6	20.5	19.6	19.5	19.5	19.5	20.8	20.7
7/14/2013	7	20.5	20.5	19.6	19.4	19.5	19.4	20.7	20.5
7/14/2013	8	20.4	20.3	19.8	19.5	19.5	19.5	20.6	20.4
7/14/2013	9	20.2	20.1	20.2	19.7	19.6	19.7	20.4	20.3
7/14/2013	10	19.8	19.7	20.8	20.1	20.0	20.1	20.3	20.2

2013 Chelan River Temperature Hourly Data - 3rd Quarter

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 R4 Habitat Channel -Logger- (Deg. C)	End of R4 Habitat Channel -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
7/14/2013	11	19.4	19.4	21.4	20.7	20.7	20.8	20.2	20.0
7/14/2013	12	19.3	19.3	21.7	21.5	21.5	21.6	20.1	19.9
7/14/2013	13	19.1	19.2	21.9	22.2	22.1	22.3	20.2	19.9
7/14/2013	14	19.2	19.3	22.0	22.4	22.4	22.7	20.3	20.0
7/14/2013	15	19.5	19.6	21.8	22.5	22.6	22.8	20.4	20.3
7/14/2013	16	19.6	19.5	21.6	22.4	22.5	22.8	20.5	20.6
7/14/2013	17	20.1	20.2	21.5	22.1	22.3	22.5	20.7	20.8
7/14/2013	18	20.5	20.6	21.0	21.7	21.8	22.1	20.8	21.0
7/14/2013	19	20.7	20.7	20.6	21.3	21.3	21.4	21.0	21.0
7/14/2013	20	20.8	20.8	20.3	20.8	20.9	20.9	21.1	21.1
7/14/2013	21	20.8	20.8	20.0	20.4	20.4	20.4	21.2	21.1
7/14/2013	22	20.8	20.8	19.8	20.0	20.0	20.0	21.2	21.1
7/14/2013	23	20.8	20.8	19.8	19.7	19.8	19.8	21.2	21.1
7/14/2013	24	20.8	20.7	19.8	19.7	19.7	19.7	21.1	21.0
7/15/2013	1	20.8	20.7	19.7	19.7	19.7	19.7	21.1	20.9
7/15/2013	2	20.8	20.7	19.7	19.6	19.6	19.6	21.1	20.9
7/15/2013	3	20.8	20.7	19.7	19.6	19.6	19.5	21.0	20.8
7/15/2013	4	20.7	20.7	19.6	19.5	19.6	19.5	21.0	20.8
7/15/2013	5	20.7	20.6	19.6	19.5	19.5	19.5	21.0	20.7
7/15/2013	6	20.6	20.5	19.5	19.4	19.4	19.4	21.0	20.7
7/15/2013	7	20.6	20.5	19.4	19.3	19.4	19.4	21.0	20.7
7/15/2013	8	20.5	20.5	19.7	19.4	19.4	19.4	21.0	20.6
7/15/2013	9	20.5	20.6	20.0	19.4	19.4	19.5	21.0	20.7
7/15/2013	10	20.6	20.6	20.6	19.7	19.7	19.8	21.0	20.7
7/15/2013	11	20.6	20.7	21.2	20.4	20.4	20.4	21.0	20.7
7/15/2013	12	20.6	20.7	21.8	21.2	21.2	21.2	21.0	20.8
7/15/2013	13	20.7	20.8	22.2	21.9	21.9	22.0	21.0	20.8
7/15/2013	14	20.8	20.8	22.5	22.4	22.4	22.5	21.0	20.9
7/15/2013	15	20.8	20.9	22.5	22.6	22.7	22.9	20.9	21.0
7/15/2013	16	20.3	19.9	22.4	22.8	22.9	23.0	20.9	20.5
7/15/2013	17	19.2	19.1	22.1	22.7	22.8	22.9	20.5	19.7
7/15/2013	18	18.7	18.6	21.3	22.3	22.4	22.5	19.9	19.2
7/15/2013	19	18.2	18.1	20.2	21.7	21.8	21.9	19.3	18.7
7/15/2013	20	17.9	17.8	19.3	20.9	21.0	21.2	18.8	18.4
7/15/2013	21	17.7	17.6	18.6	19.9	20.1	20.2	18.6	18.1
7/15/2013	22	17.6	17.5	18.0	19.1	19.2	19.4	18.4	17.8
7/15/2013	23	17.6	17.5	17.7	18.5	18.6	18.7	18.2	17.7
7/15/2013	24	17.5	17.4	17.5	18.0	18.1	18.2	18.0	17.5
7/16/2013	1	17.4	17.3	17.4	17.7	17.8	17.8	17.8	17.4
7/16/2013	2	17.3	17.1	17.3	17.6	17.6	17.6	17.7	17.2
7/16/2013	3	17.1	16.9	17.2	17.4	17.5	17.4	17.5	17.1
7/16/2013	4	16.9	16.8	17.1	17.3	17.3	17.3	17.3	17.0
7/16/2013	5	16.9	16.7	16.9	17.2	17.2	17.2	17.4	16.9
7/16/2013	6	16.9	16.7	16.8	17.1	17.1	17.1	17.4	16.9
7/16/2013	7	16.9	16.8	16.7	16.9	17.0	17.0	17.4	16.9
7/16/2013	8	16.9	16.8	17.0	16.9	16.9	17.0	17.4	16.9

2013 Chelan River Temperature Hourly Data - 3rd Quarter

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 R4 Habitat Channel -Logger- (Deg. C)	End of R4 Habitat Channel -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
7/16/2013	9	17.0	16.9	17.4	17.1	17.0	17.2	17.4	17.0
7/16/2013	10	17.1	17.1	18.1	17.5	17.4	17.5	17.4	17.2
7/16/2013	11	17.3	17.4	18.9	18.1	18.0	18.1	17.5	17.4
7/16/2013	12	17.6	17.6	19.6	18.9	18.8	18.9	17.9	17.6
7/16/2013	13	17.8	17.9	20.3	19.7	19.6	19.7	18.2	18.0
7/16/2013	14	18.4	18.4	20.9	20.4	20.3	20.5	18.6	18.7
7/16/2013	15	18.7	18.7	21.4	20.9	20.9	21.1	18.9	19.2
7/16/2013	16	19.2	19.2	21.5	21.1	21.3	21.5	19.3	19.5
7/16/2013	17	19.3	19.4	21.4	21.4	21.5	21.7	19.6	19.7
7/16/2013	18	19.5	19.5	21.1	21.6	21.7	21.8	19.9	19.9
7/16/2013	19	19.8	19.8	20.8	21.5	21.6	21.7	20.2	20.1
7/16/2013	20	19.9	19.9	20.3	21.3	21.4	21.5	20.3	20.2
7/16/2013	21	19.9	19.9	19.9	21.1	21.2	21.2	20.3	20.2
7/16/2013	22	20.1	20.0	19.6	20.7	20.8	20.9	20.4	20.3
7/16/2013	23	20.2	20.1	19.4	20.4	20.5	20.6	20.5	20.3
7/16/2013	24	20.3	20.2	19.2	20.0	20.1	20.2	20.5	20.4
7/17/2013	1	20.3	20.2	19.1	19.7	19.7	19.8	20.6	20.5
7/17/2013	2	20.4	20.2	19.0	19.3	19.4	19.5	20.6	20.5
7/17/2013	3	20.4	20.3	19.0	19.2	19.2	19.2	20.7	20.5
7/17/2013	4	20.4	20.3	19.0	19.0	19.1	19.1	20.7	20.5
7/17/2013	5	20.4	20.3	19.1	18.9	19.0	19.0	20.7	20.5
7/17/2013	6	20.4	20.3	19.2	18.9	19.0	19.0	20.7	20.4
7/17/2013	7	20.3	20.3	19.2	19.0	19.0	19.0	20.7	20.4
7/17/2013	8	20.3	20.3	19.2	19.0	19.1	19.0	20.7	20.4
7/17/2013	9	20.3	20.4	19.9	19.6	19.4	19.6	20.7	20.4
7/17/2013	10	20.3	20.6	20.6	19.8	19.6	20.0	20.7	20.4
7/17/2013	11	20.4	20.7	21.4	20.3	19.9	20.4	20.7	20.5
7/17/2013	12	20.3	20.7	22.3	21.0	20.6	20.9	20.6	20.5
7/17/2013	13	20.3	20.7	23.0	21.7	21.5	21.7	20.6	20.6
7/17/2013	14	20.3	20.7	23.6	22.5	22.3	22.5	20.6	20.6
7/17/2013	15	20.3	20.6	23.9	23.2	23.1	23.4	20.5	20.6
7/17/2013	16	20.0	20.4	24.0	23.6	23.7	23.9	20.5	20.4
7/17/2013	17	19.8	20.1	23.7	23.9	24.1	24.3	20.4	20.3
7/17/2013	18	19.6	19.8	23.2	24.1	24.2	24.3	20.4	20.1
7/17/2013	19	19.1	19.4	22.4	23.9	24.0	24.1	20.3	19.9
7/17/2013	20	18.8	19.0	21.5	23.5	23.6	23.7	20.2	19.6
7/17/2013	21	18.7	18.9	20.7	23.0	23.1	23.3	20.1	19.7
7/17/2013	22	18.6	18.7	20.0	22.3	22.5	22.7	20.1	19.8
7/17/2013	23	18.6	18.8	19.4	21.7	21.8	22.1	20.3	20.0
7/17/2013	24	18.7	19.0	19.1	21.0	21.1	21.4	20.5	20.1
7/18/2013	1	18.7	18.8	18.8	20.5	20.5	20.8	20.6	20.1
7/18/2013	2	18.5	18.6	18.6	20.0	20.0	20.2	20.6	20.1
7/18/2013	3	18.3	18.3	18.6	19.5	19.6	19.7	20.6	20.1
7/18/2013	4	18.3	18.2	18.5	19.2	19.2	19.3	20.5	20.2
7/18/2013	5	18.3	18.2	18.3	18.9	18.9	19.0	20.5	20.2
7/18/2013	6	18.3	18.2	18.1	18.7	18.8	18.8	20.5	20.1

2013 Chelan River Temperature Hourly Data - 3rd Quarter

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 R4 Habitat Channel -Logger- (Deg. C)	End of R4 Habitat Channel -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
7/18/2013	7	19.0	19.0	18.0	18.6	18.7	18.7	20.3	20.5
7/18/2013	8	20.3	20.1	18.3	18.7	18.6	18.7	20.6	20.7
7/18/2013	9	20.1	20.2	18.8	18.8	18.6	19.0	20.9	20.6
7/18/2013	10	19.4	19.7	19.6	19.0	18.7	19.2	21.0	20.5
7/18/2013	11	19.9	20.1	20.8	19.4	19.1	19.5	21.0	20.6
7/18/2013	12	20.1	20.4	22.1	20.1	19.8	20.1	21.0	20.8
7/18/2013	13	20.1	20.5	23.0	21.1	20.8	21.0	21.0	20.9
7/18/2013	14	20.5	20.8	23.5	22.0	21.8	22.0	21.1	21.1
7/18/2013	15	20.5	20.8	23.9	23.0	22.8	23.0	21.2	21.2
7/18/2013	16	20.6	20.8	24.0	23.5	23.6	23.8	21.2	21.2
7/18/2013	17	20.4	20.6	23.8	23.8	24.1	24.2	21.3	21.1
7/18/2013	18	20.3	20.4	23.3	24.0	24.1	24.4	21.3	21.0
7/18/2013	19	20.1	20.4	22.7	23.9	24.0	24.1	21.3	21.0
7/18/2013	20	19.9	20.1	21.9	23.5	23.5	23.7	21.2	20.8
7/18/2013	21	19.6	19.8	21.2	23.1	23.2	23.3	21.2	20.7
7/18/2013	22	19.5	19.7	20.5	22.6	22.7	22.9	21.1	20.7
7/18/2013	23	19.3	19.4	20.0	22.1	22.1	22.4	21.0	20.7
7/18/2013	24	19.3	19.6	19.6	21.4	21.5	21.7	21.1	20.8
7/19/2013	1	19.5	19.7	19.3	20.8	20.8	21.1	21.1	20.9
7/19/2013	2	19.3	19.4	19.1	20.2	20.3	20.5	21.2	20.9
7/19/2013	3	19.3	19.4	18.9	19.8	19.9	20.0	21.2	20.8
7/19/2013	4	19.8	19.9	18.7	19.5	19.5	19.6	21.3	21.1
7/19/2013	5	19.8	19.7	18.7	19.2	19.2	19.3	21.4	21.1
7/19/2013	6	20.6	20.2	18.5	18.9	19.0	19.0	21.5	21.3
7/19/2013	7	20.7	20.5	18.5	18.7	18.8	18.9	21.6	21.3
7/19/2013	8	21.0	20.9	19.0	19.0	18.8	18.9	21.7	21.4
7/19/2013	9	21.2	21.2	19.6	19.2	18.9	19.2	21.8	21.5
7/19/2013	10	21.3	21.4	20.6	19.3	19.0	19.4	21.9	21.6
7/19/2013	11	21.5	21.7	21.5	19.8	19.5	19.8	21.9	21.7
7/19/2013	12	21.6	21.7	22.5	20.6	20.3	20.5	22.0	21.9
7/19/2013	13	21.8	22.0	23.4	21.6	21.3	21.5	22.1	22.1
7/19/2013	14	22.0	22.2	24.1	22.6	22.3	22.5	22.3	22.3
7/19/2013	15	22.1	22.4	24.5	23.3	23.2	23.4	22.4	22.4
7/19/2013	16	22.1	22.3	24.7	23.7	23.9	24.0	22.5	22.5
7/19/2013	17	22.2	22.3	24.5	24.0	24.3	24.4	22.6	22.7
7/19/2013	18	22.3	22.4	24.1	24.3	24.4	24.5	22.7	22.8
7/19/2013	19	22.3	22.4	23.5	24.2	24.3	24.3	22.9	22.8
7/19/2013	20	22.4	22.5	22.7	23.8	23.9	23.9	23.0	22.8
7/19/2013	21	22.4	22.4	22.0	23.5	23.6	23.6	23.0	22.8
7/19/2013	22	22.4	22.4	21.5	23.1	23.2	23.3	23.0	22.8
7/19/2013	23	22.4	22.4	21.2	22.6	22.7	22.8	23.0	22.8
7/19/2013	24	22.5	22.3	20.9	22.1	22.1	22.3	23.0	22.8
7/20/2013	1	22.5	22.4	20.6	21.5	21.6	21.7	23.0	22.8
7/20/2013	2	22.6	22.4	20.4	21.1	21.2	21.3	23.0	22.8
7/20/2013	3	22.6	22.4	20.3	20.8	20.9	20.9	22.9	22.8
7/20/2013	4	22.6	22.4	20.1	20.5	20.6	20.6	22.9	22.7

2013 Chelan River Temperature Hourly Data - 3rd Quarter

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 R4 Habitat Channel -Logger- (Deg. C)	End of R4 Habitat Channel -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
7/20/2013	5	22.5	22.4	20.0	20.2	20.3	20.3	22.9	22.7
7/20/2013	6	22.5	22.3	20.1	20.0	20.1	20.1	22.9	22.7
7/20/2013	7	22.5	22.4	20.2	19.9	19.9	19.9	22.9	22.6
7/20/2013	8	22.4	22.4	20.5	20.1	19.9	20.0	22.9	22.6
7/20/2013	9	22.4	22.5	21.1	20.3	20.1	20.3	22.9	22.6
7/20/2013	10	22.4	22.6	21.9	20.6	20.3	20.7	22.9	22.6
7/20/2013	11	22.5	22.7	22.7	21.0	20.7	21.1	22.9	22.7
7/20/2013	12	22.5	22.8	23.5	21.8	21.5	21.8	22.9	22.8
7/20/2013	13	22.6	22.8	24.4	22.8	22.5	22.7	23.0	22.9
7/20/2013	14	22.8	22.9	24.9	23.5	23.4	23.6	23.0	23.0
7/20/2013	15	22.9	23.1	25.3	24.2	24.1	24.3	23.1	23.1
7/20/2013	16	22.9	23.1	25.4	24.6	24.7	24.8	23.2	23.2
7/20/2013	17	22.9	23.0	25.1	24.9	25.1	25.1	23.2	23.2
7/20/2013	18	22.9	22.9	24.6	25.0	25.2	25.2	23.3	23.2
7/20/2013	19	22.9	22.9	23.8	24.8	24.9	24.9	23.4	23.2
7/20/2013	20	23.0	22.9	23.0	24.3	24.5	24.4	23.4	23.3
7/20/2013	21	23.0	22.9	22.3	23.9	24.0	24.0	23.4	23.3
7/20/2013	22	23.1	23.0	21.8	23.4	23.5	23.6	23.4	23.2
7/20/2013	23	23.1	23.0	21.4	22.8	22.9	23.1	23.3	23.2
7/20/2013	24	23.0	22.9	21.1	22.3	22.3	22.5	23.3	23.1
7/21/2013	1	22.9	22.8	20.8	21.7	21.8	21.9	23.2	23.0
7/21/2013	2	22.9	22.7	20.6	21.2	21.3	21.4	23.2	23.0
7/21/2013	3	22.8	22.6	20.4	20.8	20.9	21.0	23.2	22.9
7/21/2013	4	22.8	22.5	20.3	20.6	20.7	20.6	23.1	22.9
7/21/2013	5	22.7	22.5	20.1	20.3	20.4	20.3	23.1	22.8
7/21/2013	6	22.7	22.4	20.1	20.1	20.2	20.2	23.1	22.8
7/21/2013	7	22.6	22.5	20.2	20.0	20.0	20.0	23.1	22.8
7/21/2013	8	22.6	22.6	20.7	20.1	20.0	20.1	23.1	22.7
7/21/2013	9	22.6	22.7	21.3	20.4	20.2	20.3	23.1	22.7
7/21/2013	10	22.6	22.8	22.1	20.7	20.4	20.7	23.1	22.8
7/21/2013	11	22.6	22.8	23.0	21.2	20.9	21.2	23.1	22.8
7/21/2013	12	22.7	22.9	23.9	22.0	21.7	21.9	23.0	22.9
7/21/2013	13	22.8	23.0	24.7	22.9	22.7	22.8	23.1	23.0
7/21/2013	14	22.9	23.2	25.3	24.0	23.7	23.8	23.2	23.1
7/21/2013	15	23.0	23.3	25.6	24.5	24.5	24.6	23.3	23.2
7/21/2013	16	23.1	23.3	25.6	24.9	25.1	25.2	23.3	23.4
7/21/2013	17	23.2	23.3	25.3	25.2	25.5	25.5	23.4	23.5
7/21/2013	18	23.2	23.3	24.8	25.4	25.5	25.5	23.5	23.5
7/21/2013	19	23.3	23.3	24.0	25.0	25.2	25.2	23.6	23.5
7/21/2013	20	23.4	23.3	23.2	24.6	24.7	24.7	23.7	23.5
7/21/2013	21	23.4	23.4	22.6	24.1	24.3	24.2	23.6	23.5
7/21/2013	22	23.4	23.3	22.1	23.6	23.7	23.8	23.6	23.5
7/21/2013	23	23.4	23.3	21.7	23.0	23.1	23.3	23.5	23.4
7/21/2013	24	23.3	23.2	21.4	22.5	22.6	22.7	23.5	23.4
7/22/2013	1	23.2	23.1	21.2	22.0	22.1	22.2	23.4	23.3
7/22/2013	2	23.1	23.0	21.0	21.6	21.7	21.7	23.4	23.2

2013 Chelan River Temperature Hourly Data - 3rd Quarter

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 R4 Habitat Channel -Logger- (Deg. C)	End of R4 Habitat Channel -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
7/22/2013	3	23.1	22.9	20.8	21.2	21.3	21.3	23.3	23.1
7/22/2013	4	23.0	22.8	20.6	20.9	21.0	21.0	23.3	23.0
7/22/2013	5	22.9	22.7	20.4	20.7	20.8	20.7	23.2	23.0
7/22/2013	6	22.8	22.6	20.3	20.5	20.6	20.5	23.2	22.9
7/22/2013	7	22.8	22.6	20.3	20.3	20.4	20.3	23.2	22.8
7/22/2013	8	22.7	22.6	20.7	20.5	20.3	20.4	23.1	22.8
7/22/2013	9	22.6	22.7	21.2	20.7	20.4	20.7	23.1	22.8
7/22/2013	10	22.6	22.7	21.8	20.9	20.6	20.9	23.1	22.8
7/22/2013	11	22.6	22.8	22.7	21.2	20.9	21.4	23.0	22.8
7/22/2013	12	22.6	22.8	23.7	21.8	21.6	21.9	23.0	22.8
7/22/2013	13	22.7	22.9	24.5	22.7	22.6	22.8	23.1	22.9
7/22/2013	14	22.8	23.0	25.1	23.9	23.7	23.8	23.2	23.0
7/22/2013	15	23.0	23.2	25.4	24.5	24.5	24.6	23.2	23.1
7/22/2013	16	23.1	23.3	25.4	24.8	25.0	25.1	23.3	23.2
7/22/2013	17	23.2	23.4	25.3	25.1	25.3	25.4	23.4	23.4
7/22/2013	18	23.3	23.4	24.8	25.2	25.4	25.5	23.5	23.4
7/22/2013	19	23.3	23.3	24.2	24.9	25.1	25.1	23.6	23.5
7/22/2013	20	23.3	23.4	23.5	24.7	24.8	24.8	23.6	23.5
7/22/2013	21	23.4	23.3	22.8	24.3	24.4	24.5	23.7	23.4
7/22/2013	22	23.3	23.3	22.3	23.9	24.0	24.1	23.7	23.4
7/22/2013	23	23.3	23.2	21.8	23.4	23.5	23.6	23.8	23.4
7/22/2013	24	23.3	23.2	21.6	22.8	22.9	23.1	23.8	23.4
7/23/2013	1	23.2	23.1	21.4	22.3	22.4	22.5	23.8	22.7
7/23/2013	2	23.2	23.0	21.2	21.8	21.9	22.0	23.8	22.9
7/23/2013	3	23.1	23.0	21.1	21.5	21.6	21.7	23.7	23.1
7/23/2013	4	23.1	22.9	20.9	21.2	21.3	21.3	23.6	23.1
7/23/2013	5	23.1	22.9	20.9	21.0	21.1	21.1	23.6	23.0
7/23/2013	6	23.0	22.8	20.9	20.8	20.9	20.9	23.5	23.1
7/23/2013	7	23.0	22.9	21.0	20.7	20.8	20.8	23.5	23.2
7/23/2013	8	23.0	23.0	21.3	21.0	20.8	20.9	23.4	23.1
7/23/2013	9	23.0	23.0	21.9	21.3	21.0	21.2	23.4	23.1
7/23/2013	10	22.9	23.1	22.6	21.5	21.2	21.5	23.4	23.0
7/23/2013	11	22.9	23.1	23.5	21.9	21.6	22.0	23.5	23.1
7/23/2013	12	22.9	23.2	24.4	22.7	22.3	22.6	23.5	23.1
7/23/2013	13	22.9	23.2	25.1	23.6	23.3	23.5	23.6	23.2
7/23/2013	14	23.1	23.3	25.7	24.4	24.2	24.4	23.6	23.3
7/23/2013	15	23.2	23.4	26.0	25.1	25.0	25.2	23.7	23.4
7/23/2013	16	23.2	23.4	26.0	25.5	25.6	25.8	23.7	23.5
7/23/2013	17	23.3	23.4	25.7	25.8	26.0	26.2	23.8	23.6
7/23/2013	18	23.3	23.4	25.3	25.9	26.1	26.3	23.8	23.6
7/23/2013	19	23.3	23.4	24.7	25.7	25.8	26.0	23.7	23.6
7/23/2013	20	23.3	23.4	23.9	25.4	25.5	25.6	23.7	23.6
7/23/2013	21	23.2	23.3	23.2	24.9	25.1	25.2	23.7	23.5
7/23/2013	22	23.2	23.2	22.7	24.5	24.6	24.8	23.7	23.4
7/23/2013	23	23.0	23.1	22.3	23.9	24.0	24.2	23.6	23.4
7/23/2013	24	23.0	23.0	22.0	23.3	23.4	23.6	23.6	23.4

2013 Chelan River Temperature Hourly Data - 3rd Quarter

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 R4 Habitat Channel -Logger- (Deg. C)	End of R4 Habitat Channel -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
7/24/2013	1	23.0	22.9	21.7	22.8	22.9	23.0	23.6	23.4
7/24/2013	2	23.0	22.9	21.5	22.3	22.4	22.5	23.6	23.3
7/24/2013	3	23.0	22.9	21.2	21.9	22.0	22.1	23.5	23.3
7/24/2013	4	23.0	22.8	21.0	21.6	21.7	21.7	23.5	23.4
7/24/2013	5	23.2	22.9	20.9	21.3	21.4	21.4	23.5	23.4
7/24/2013	6	23.2	23.0	20.9	21.1	21.2	21.2	23.4	23.4
7/24/2013	7	23.2	23.1	20.9	20.9	21.0	21.0	23.4	23.3
7/24/2013	8	23.1	23.1	21.3	21.1	20.9	21.0	23.4	23.2
7/24/2013	9	23.1	23.1	21.8	21.3	21.0	21.2	23.4	23.2
7/24/2013	10	23.2	23.3	22.6	21.5	21.2	21.6	23.4	23.3
7/24/2013	11	23.2	23.4	23.5	21.9	21.6	22.0	23.5	23.4
7/24/2013	12	23.3	23.5	24.3	22.6	22.3	22.6	23.6	23.4
7/24/2013	13	23.3	23.6	25.2	23.5	23.3	23.5	23.6	23.5
7/24/2013	14	23.5	23.7	25.7	24.3	24.1	24.3	23.7	23.6
7/24/2013	15	23.5	23.7	26.0	24.9	24.9	25.1	23.8	23.8
7/24/2013	16	23.5	23.7	26.0	25.3	25.5	25.6	23.8	23.8
7/24/2013	17	23.5	23.6	25.8	25.6	25.8	26.0	23.9	23.9
7/24/2013	18	23.6	23.6	25.4	25.7	25.9	26.0	23.9	23.9
7/24/2013	19	23.6	23.6	24.8	25.6	25.7	25.8	23.9	23.9
7/24/2013	20	23.6	23.6	24.0	25.3	25.4	25.5	23.9	23.9
7/24/2013	21	23.6	23.6	23.2	24.9	25.0	25.1	23.9	23.9
7/24/2013	22	23.6	23.5	22.7	24.5	24.6	24.7	23.9	23.9
7/24/2013	23	23.5	23.4	22.2	23.9	24.0	24.1	23.9	23.8
7/24/2013	24	23.4	23.3	21.9	23.2	23.3	23.5	23.9	23.7
7/25/2013	1	23.4	23.3	21.6	22.6	22.7	22.8	23.9	23.7
7/25/2013	2	23.4	23.2	21.4	22.1	22.2	22.3	23.9	23.7
7/25/2013	3	23.3	23.1	21.3	21.8	21.9	21.9	23.8	23.6
7/25/2013	4	23.3	23.1	21.2	21.5	21.6	21.6	23.7	23.5
7/25/2013	5	23.3	23.1	21.1	21.3	21.3	21.3	23.7	23.5
7/25/2013	6	23.3	23.1	21.1	21.1	21.2	21.1	23.6	23.4
7/25/2013	7	23.3	23.2	21.1	20.9	21.0	21.0	23.6	23.4
7/25/2013	8	23.3	23.2	21.4	21.2	21.0	21.0	23.5	23.4
7/25/2013	9	23.2	23.3	22.0	21.3	21.1	21.3	23.5	23.3
7/25/2013	10	23.2	23.3	22.8	21.7	21.3	21.7	23.5	23.4
7/25/2013	11	23.3	23.4	23.5	22.1	21.7	22.1	23.6	23.4
7/25/2013	12	23.3	23.5	24.4	22.7	22.4	22.7	23.7	23.5
7/25/2013	13	23.4	23.5	25.2	23.6	23.4	23.5	23.8	23.6
7/25/2013	14	23.5	23.7	25.8	24.5	24.3	24.5	23.8	23.7
7/25/2013	15	23.7	23.9	26.1	25.0	24.9	25.1	23.9	23.9
7/25/2013	16	23.8	23.9	26.0	25.4	25.6	25.6	24.0	23.9
7/25/2013	17	23.8	23.8	25.6	25.6	25.9	25.9	24.1	24.0
7/25/2013	18	23.7	23.7	25.1	25.7	25.8	25.9	24.1	24.0
7/25/2013	19	23.8	23.7	24.4	25.3	25.4	25.4	24.1	24.0
7/25/2013	20	23.8	23.7	23.5	24.8	24.9	24.9	24.2	24.1
7/25/2013	21	23.9	23.8	23.0	24.4	24.5	24.6	24.2	24.1
7/25/2013	22	23.9	23.8	22.5	24.0	24.1	24.2	24.2	24.1

2013 Chelan River Temperature Hourly Data - 3rd Quarter

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 R4 Habitat Channel -Logger- (Deg. C)	End of R4 Habitat Channel -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
7/25/2013	23	23.9	23.7	22.1	23.4	23.5	23.6	24.3	24.0
7/25/2013	24	23.9	23.7	21.7	22.8	22.9	23.1	24.3	23.9
7/26/2013	1	23.8	23.6	21.5	22.3	22.4	22.6	24.3	23.7
7/26/2013	2	23.8	23.5	21.3	21.8	21.9	22.1	24.3	23.7
7/26/2013	3	23.7	23.5	21.2	21.5	21.6	21.6	24.2	23.6
7/26/2013	4	23.7	23.4	21.1	21.2	21.3	21.3	24.2	23.6
7/26/2013	5	23.6	23.4	21.1	21.0	21.1	21.1	24.1	23.4
7/26/2013	6	23.6	23.3	21.1	20.8	20.9	20.9	24.0	23.5
7/26/2013	7	23.6	23.4	21.1	20.7	20.8	20.7	24.0	23.7
7/26/2013	8	23.5	23.5	21.5	21.0	20.8	20.8	24.0	23.6
7/26/2013	9	23.5	23.5	22.0	21.2	21.0	21.2	23.9	23.6
7/26/2013	10	23.4	23.5	22.8	21.5	21.2	21.5	23.9	23.6
7/26/2013	11	23.4	23.5	23.7	21.9	21.6	21.9	23.9	23.6
7/26/2013	12	23.5	23.6	24.5	22.6	22.4	22.6	23.9	23.7
7/26/2013	13	23.5	23.6	25.2	23.5	23.4	23.5	23.8	23.7
7/26/2013	14	23.6	23.7	25.7	24.4	24.2	24.4	23.8	23.8
7/26/2013	15	23.8	23.9	25.9	24.9	24.9	25.0	23.9	23.9
7/26/2013	16	23.9	23.9	25.8	25.3	25.5	25.5	23.9	24.0
7/26/2013	17	24.0	24.0	25.5	25.4	25.7	25.7	24.0	24.1
7/26/2013	18	24.1	24.0	24.9	25.5	25.6	25.6	24.0	24.1
7/26/2013	19	24.1	24.0	24.3	25.1	25.3	25.2	24.1	24.1
7/26/2013	20	24.1	23.9	23.4	24.5	24.7	24.7	24.1	24.1
7/26/2013	21	24.0	23.8	22.7	24.1	24.2	24.1	24.2	24.1
7/26/2013	22	23.9	23.8	22.2	23.7	23.8	23.8	24.3	24.0
7/26/2013	23	23.8	23.7	22.0	23.1	23.2	23.3	24.4	23.8
7/26/2013	24	23.8	23.6	21.9	22.6	22.7	22.8	24.4	23.6
7/27/2013	1	23.8	23.6	21.8	22.1	22.2	22.2	24.3	23.7
7/27/2013	2	23.8	23.5	21.7	21.8	21.9	21.8	24.2	23.7
7/27/2013	3	23.7	23.5	21.5	21.6	21.7	21.6	24.2	23.6
7/27/2013	4	23.7	23.4	21.3	21.4	21.5	21.4	24.1	23.5
7/27/2013	5	23.6	23.4	21.3	21.2	21.3	21.2	24.0	23.4
7/27/2013	6	23.6	23.4	21.2	21.0	21.2	21.1	24.0	23.7
7/27/2013	7	23.6	23.3	21.3	21.0	21.1	21.0	23.9	23.7
7/27/2013	8	23.5	23.4	21.7	21.2	21.1	21.1	23.9	23.6
7/27/2013	9	23.4	23.4	22.2	21.4	21.2	21.4	23.9	23.5
7/27/2013	10	23.3	23.4	22.9	21.7	21.4	21.8	23.8	23.4
7/27/2013	11	23.3	23.4	23.6	22.2	21.8	22.1	23.8	23.4
7/27/2013	12	23.3	23.4	24.5	22.8	22.5	22.7	23.8	23.5
7/27/2013	13	23.4	23.4	25.0	23.6	23.4	23.5	23.8	23.6
7/27/2013	14	23.5	23.5	25.5	24.3	24.2	24.3	23.8	23.6
7/27/2013	15	23.6	23.6	25.7	24.9	24.8	25.0	23.8	23.8
7/27/2013	16	23.7	23.7	25.7	25.1	25.3	25.4	23.8	23.8
7/27/2013	17	23.8	23.8	25.5	25.3	25.5	25.6	23.8	23.9
7/27/2013	18	23.9	23.8	25.0	25.4	25.6	25.6	23.9	24.0
7/27/2013	19	23.8	23.8	24.3	25.2	25.3	25.2	23.9	24.0
7/27/2013	20	23.8	23.7	23.5	24.7	24.8	24.8	23.9	24.0

2013 Chelan River Temperature Hourly Data - 3rd Quarter

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 R4 Habitat Channel -Logger- (Deg. C)	End of R4 Habitat Channel -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
7/27/2013	21	23.8	23.6	22.8	24.3	24.4	24.3	24.0	23.9
7/27/2013	22	23.7	23.5	22.3	23.8	23.9	23.9	24.0	23.9
7/27/2013	23	23.6	23.4	21.8	23.2	23.3	23.4	24.1	23.6
7/27/2013	24	23.6	23.4	21.5	22.6	22.8	22.8	24.2	23.7
7/28/2013	1	23.6	23.4	21.2	22.0	22.1	22.2	24.1	23.7
7/28/2013	2	23.6	23.3	21.0	21.5	21.6	21.7	24.0	23.6
7/28/2013	3	23.5	23.3	20.9	21.1	21.2	21.2	23.9	23.6
7/28/2013	4	23.5	23.2	20.7	20.8	20.9	20.9	23.8	23.5
7/28/2013	5	23.4	23.1	20.7	20.7	20.7	20.6	23.7	23.4
7/28/2013	6	23.3	23.0	20.6	20.5	20.6	20.5	23.6	23.4
7/28/2013	7	23.3	23.0	20.5	20.4	20.5	20.4	23.6	23.3
7/28/2013	8	23.2	23.0	20.9	20.6	20.4	20.4	23.6	23.1
7/28/2013	9	23.2	23.1	21.3	20.7	20.5	20.7	23.7	23.2
7/28/2013	10	23.2	23.1	22.0	20.9	20.7	21.0	23.8	23.2
7/28/2013	11	23.1	23.2	22.9	21.4	21.0	21.3	23.9	23.4
7/28/2013	12	23.2	23.2	23.9	22.0	21.7	21.9	24.1	23.6
7/28/2013	13	23.2	23.3	24.7	22.8	22.6	22.8	24.2	23.6
7/28/2013	14	23.2	23.3	25.2	23.7	23.5	23.6	24.3	23.6
7/28/2013	15	23.3	23.4	25.6	24.4	24.3	24.4	24.4	23.8
7/28/2013	16	23.3	23.4	25.5	24.8	24.9	25.0	24.5	23.8
7/28/2013	17	23.3	23.4	25.3	25.1	25.3	25.4	24.4	23.8
7/28/2013	18	23.3	23.3	24.8	25.2	25.4	25.5	24.4	23.8
7/28/2013	19	23.3	23.3	24.2	25.1	25.2	25.3	24.3	23.8
7/28/2013	20	23.3	23.3	23.4	24.7	24.8	24.9	24.3	23.8
7/28/2013	21	23.4	23.2	22.7	24.2	24.4	24.4	24.2	23.5
7/28/2013	22	23.4	23.2	22.1	23.7	23.8	23.9	24.1	23.4
7/28/2013	23	23.4	23.2	21.7	23.1	23.2	23.3	24.1	23.4
7/28/2013	24	23.4	23.1	21.5	22.5	22.6	22.7	24.0	23.3
7/29/2013	1	23.4	23.1	21.4	21.9	22.0	22.2	24.0	23.3
7/29/2013	2	23.4	23.1	21.3	21.6	21.7	21.7	23.9	23.3
7/29/2013	3	23.4	23.1	21.2	21.3	21.4	21.4	23.8	23.3
7/29/2013	4	23.4	23.0	21.1	21.1	21.2	21.2	23.8	23.2
7/29/2013	5	23.4	23.0	21.0	21.0	21.1	21.0	23.7	23.1
7/29/2013	6	23.4	23.0	21.0	20.9	20.9	20.8	23.6	23.0
7/29/2013	7	23.4	23.1	21.0	20.8	20.8	20.8	23.6	23.5
7/29/2013	8	23.4	23.2	21.2	20.9	20.8	20.8	23.5	23.4
7/29/2013	9	23.2	23.2	21.7	21.1	20.9	21.1	23.5	23.3
7/29/2013	10	23.1	23.2	22.4	21.5	21.1	21.4	23.5	23.2
7/29/2013	11	23.1	23.1	23.2	21.7	21.4	21.7	23.5	23.2
7/29/2013	12	23.1	23.2	24.0	22.2	22.0	22.2	23.4	23.2
7/29/2013	13	23.0	23.2	24.7	23.0	22.9	22.9	23.4	23.2
7/29/2013	14	22.9	23.0	25.2	23.8	23.7	23.8	23.4	23.2
7/29/2013	15	22.7	22.8	25.5	24.5	24.4	24.5	23.4	23.2
7/29/2013	16	22.4	22.6	25.4	24.7	24.9	25.1	23.3	23.2
7/29/2013	17	22.1	22.3	25.1	25.0	25.2	25.4	23.3	23.1
7/29/2013	18	21.8	21.9	24.6	25.1	25.3	25.4	23.3	22.9

2013 Chelan River Temperature Hourly Data - 3rd Quarter

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 R4 Habitat Channel -Logger- (Deg. C)	End of R4 Habitat Channel -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
7/29/2013	19	21.7	21.9	24.0	25.0	25.1	25.2	23.3	23.0
7/29/2013	20	21.6	21.8	23.0	24.6	24.7	24.8	23.3	22.9
7/29/2013	21	21.5	21.6	22.2	24.2	24.3	24.4	23.3	23.0
7/29/2013	22	21.8	21.9	21.6	23.6	23.7	23.8	23.5	23.2
7/29/2013	23	21.8	21.8	21.2	22.9	23.0	23.2	23.6	23.0
7/29/2013	24	21.8	21.8	20.9	22.2	22.3	22.5	23.6	22.9
7/30/2013	1	21.5	21.5	20.7	21.7	21.7	21.9	23.5	22.9
7/30/2013	2	21.4	21.3	20.6	21.2	21.3	21.4	23.5	22.8
7/30/2013	3	21.4	21.3	20.6	20.9	20.9	21.0	23.5	22.9
7/30/2013	4	21.4	21.3	20.5	20.7	20.7	20.7	23.4	22.8
7/30/2013	5	21.3	21.2	20.4	20.5	20.6	20.6	23.4	22.8
7/30/2013	6	21.2	21.1	20.3	20.5	20.5	20.5	23.3	22.9
7/30/2013	7	21.4	21.4	20.2	20.4	20.4	20.4	22.9	22.7
7/30/2013	8	21.4	21.6	20.4	20.5	20.4	20.5	22.7	22.7
7/30/2013	9	21.3	21.4	20.7	20.6	20.5	20.7	22.6	22.4
7/30/2013	10	21.1	21.2	21.2	20.7	20.6	20.8	22.6	22.2
7/30/2013	11	21.2	21.4	22.0	21.1	20.9	21.1	22.5	22.2
7/30/2013	12	21.2	21.4	22.7	21.6	21.3	21.5	22.5	22.0
7/30/2013	13	21.1	21.3	23.4	22.2	22.0	22.2	22.5	22.0
7/30/2013	14	21.1	21.3	23.9	22.9	22.7	22.9	22.5	22.0
7/30/2013	15	21.1	21.3	24.2	23.5	23.4	23.6	22.5	22.3
7/30/2013	16	21.1	21.4	24.2	23.8	24.0	24.1	22.6	22.2
7/30/2013	17	21.1	21.3	24.0	24.1	24.2	24.4	22.7	22.3
7/30/2013	18	21.1	21.3	23.5	24.2	24.3	24.4	22.9	22.6
7/30/2013	19	21.3	21.5	22.8	24.1	24.1	24.2	23.0	22.9
7/30/2013	20	21.7	21.9	22.0	23.6	23.7	23.8	23.2	23.2
7/30/2013	21	22.0	22.0	21.3	23.2	23.3	23.4	23.4	23.3
7/30/2013	22	22.3	22.1	20.8	22.7	22.7	22.9	23.5	23.4
7/30/2013	23	22.6	22.5	20.6	22.0	22.1	22.3	23.7	23.2
7/30/2013	24	22.3	22.4	20.5	21.4	21.5	21.7	23.8	23.2
7/31/2013	1	22.0	22.1	20.6	20.9	21.0	21.2	23.9	23.1
7/31/2013	2	22.1	22.1	20.7	20.6	20.7	20.7	23.8	23.1
7/31/2013	3	22.0	22.0	20.7	20.4	20.5	20.5	23.8	23.1
7/31/2013	4	22.0	22.0	20.5	20.4	20.4	20.3	23.8	23.0
7/31/2013	5	22.1	22.1	20.4	20.4	20.4	20.3	23.7	23.0
7/31/2013	6	22.3	22.3	20.4	20.4	20.4	20.3	23.7	23.2
7/31/2013	7	23.1	22.8	20.5	20.3	20.4	20.3	23.7	23.4
7/31/2013	8	23.2	23.0	20.8	20.3	20.4	20.4	23.6	23.4
7/31/2013	9	23.2	23.1	21.1	20.6	20.5	20.5	23.6	23.3
7/31/2013	10	23.2	23.2	21.9	20.8	20.7	20.8	23.7	23.3
7/31/2013	11	23.2	23.2	22.8	21.2	21.0	21.2	23.7	23.4
7/31/2013	12	23.3	23.3	23.4	21.7	21.5	21.7	23.7	23.4
7/31/2013	13	23.3	23.4	24.1	22.4	22.3	22.4	23.8	23.5
7/31/2013	14	23.4	23.5	24.2	22.9	22.9	22.9	23.8	23.5
7/31/2013	15	23.5	23.5	24.1	23.4	23.4	23.3	23.8	23.6
7/31/2013	16	23.5	23.5	23.9	23.9	23.9	23.9	23.8	23.6

2013 Chelan River Temperature Hourly Data - 3rd Quarter

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 R4 Habitat Channel -Logger- (Deg. C)	End of R4 Habitat Channel -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
7/31/2013	17	23.5	23.5	23.4	23.9	23.9	23.9	23.8	23.6
7/31/2013	18	23.5	23.4	22.8	23.7	23.8	23.7	23.8	23.6
7/31/2013	19	23.5	23.4	22.5	23.5	23.5	23.6	23.9	23.6
7/31/2013	20	23.5	23.4	22.0	22.9	23.0	23.2	23.9	23.5
7/31/2013	21	23.5	23.3	21.8	22.6	22.6	22.7	23.9	23.5
7/31/2013	22	23.4	23.3	21.6	22.2	22.3	22.3	24.0	23.5
7/31/2013	23	23.4	23.2	21.4	21.8	21.8	21.9	24.0	23.3
7/31/2013	24	23.3	23.2	21.2	21.5	21.6	21.6	24.0	23.3
8/1/2013	1	23.3	23.1	21.2	21.3	21.4	21.4	23.9	23.3
8/1/2013	2	23.3	23.1	21.2	21.2	21.2	21.2	23.8	23.2
8/1/2013	3	23.2	23.1	21.2	21.0	21.1	21.0	23.8	23.2
8/1/2013	4	23.2	23.0	21.1	20.9	21.0	20.9	23.7	23.2
8/1/2013	5	23.2	23.0	21.0	20.8	20.9	20.8	23.7	23.1
8/1/2013	6	23.2	22.9	21.0	20.8	20.8	20.7	23.6	23.3
8/1/2013	7	23.1	22.9	21.0	20.7	20.8	20.7	23.6	23.2
8/1/2013	8	23.1	23.0	21.2	20.8	20.8	20.8	23.5	23.2
8/1/2013	9	23.0	23.0	21.7	21.1	20.9	21.0	23.5	23.1
8/1/2013	10	22.9	23.0	22.4	21.3	21.1	21.3	23.5	23.0
8/1/2013	11	22.9	23.0	22.7	21.3	21.2	21.3	23.5	23.0
8/1/2013	12	22.9	23.0	23.3	21.9	21.8	21.8	23.4	23.1
8/1/2013	13	23.0	23.1	23.9	22.6	22.5	22.5	23.4	23.1
8/1/2013	14	23.0	23.1	24.2	23.2	23.0	23.1	23.4	23.2
8/1/2013	15	23.1	23.2	24.5	23.6	23.6	23.7	23.4	23.3
8/1/2013	16	23.2	23.1	23.7	23.6	23.7	23.5	23.4	23.3
8/1/2013	17	23.2	23.1	22.9	23.8	23.9	23.6	23.4	23.3
8/1/2013	18	23.2	23.1	22.3	23.6	23.7	23.7	23.4	23.3
8/1/2013	19	23.2	23.0	21.9	23.1	23.2	23.4	23.4	23.3
8/1/2013	20	23.1	23.0	21.7	22.7	22.8	22.9	23.4	23.2
8/1/2013	21	23.1	22.9	21.6	22.2	22.3	22.4	23.4	23.2
8/1/2013	22	23.1	22.9	21.6	21.9	22.0	22.0	23.4	23.2
8/1/2013	23	23.0	22.9	21.5	21.6	21.7	21.7	23.5	23.0
8/1/2013	24	23.0	22.9	21.5	21.5	21.6	21.6	23.6	23.0
8/2/2013	1	23.0	22.9	21.5	21.4	21.5	21.4	23.8	23.0
8/2/2013	2	23.0	22.8	21.5	21.3	21.4	21.4	23.7	22.8
8/2/2013	3	23.0	22.8	21.4	21.3	21.4	21.3	23.6	22.9
8/2/2013	4	23.0	22.8	21.4	21.3	21.3	21.3	23.5	22.9
8/2/2013	5	23.0	22.8	21.3	21.2	21.3	21.2	23.4	22.8
8/2/2013	6	23.0	22.7	21.2	21.2	21.2	21.2	23.4	22.9
8/2/2013	7	22.8	22.7	21.2	21.1	21.2	21.1	23.3	22.9
8/2/2013	8	22.4	22.4	21.2	21.0	21.1	21.0	23.2	22.7
8/2/2013	9	22.4	22.3	21.4	21.0	21.1	21.0	23.1	22.6
8/2/2013	10	22.4	22.4	21.7	21.2	21.1	21.2	23.0	22.5
8/2/2013	11	22.4	22.4	22.1	21.3	21.2	21.3	22.9	22.4
8/2/2013	12	22.4	22.5	22.5	21.6	21.5	21.6	22.8	22.5
8/2/2013	13	22.5	22.6	23.3	22.0	21.9	22.1	22.7	22.6
8/2/2013	14	22.6	22.6	23.9	22.6	22.5	22.8	22.7	22.6

2013 Chelan River Temperature Hourly Data - 3rd Quarter

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 R4 Habitat Channel -Logger- (Deg. C)	End of R4 Habitat Channel -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
8/2/2013	15	22.6	22.6	23.9	22.9	22.9	22.8	22.8	22.6
8/2/2013	16	22.5	22.5	24.0	23.4	23.5	23.5	22.8	22.7
8/2/2013	17	22.6	22.6	23.6	23.6	23.7	23.7	22.8	22.7
8/2/2013	18	22.6	22.5	23.1	23.7	23.7	23.7	22.8	22.7
8/2/2013	19	22.7	22.6	22.6	23.6	23.7	23.7	22.9	22.8
8/2/2013	20	22.7	22.6	22.2	23.3	23.4	23.4	22.9	22.8
8/2/2013	21	22.7	22.6	21.9	22.9	23.0	23.1	23.0	22.8
8/2/2013	22	22.7	22.6	21.7	22.5	22.6	22.7	23.1	22.8
8/2/2013	23	22.6	22.5	21.6	22.2	22.3	22.4	23.2	22.7
8/2/2013	24	22.6	22.5	21.5	21.9	22.0	22.0	23.2	22.6
8/3/2013	1	22.6	22.5	21.4	21.6	21.7	21.7	23.2	22.6
8/3/2013	2	22.6	22.4	21.2	21.4	21.5	21.5	23.1	22.5
8/3/2013	3	22.6	22.4	21.1	21.2	21.3	21.3	23.1	22.5
8/3/2013	4	22.6	22.3	20.9	21.1	21.2	21.1	23.0	22.4
8/3/2013	5	22.5	22.3	20.9	20.9	21.0	20.9	22.9	22.4
8/3/2013	6	22.5	22.3	20.8	20.8	20.8	20.8	22.9	22.5
8/3/2013	7	22.5	22.3	20.9	20.7	20.7	20.7	22.8	22.6
8/3/2013	8	22.5	22.3	21.0	20.6	20.7	20.7	22.7	22.5
8/3/2013	9	22.3	22.2	21.0	20.7	20.7	20.7	22.6	22.3
8/3/2013	10	22.1	22.1	21.2	20.8	20.8	20.8	22.5	22.1
8/3/2013	11	21.9	22.0	21.6	21.1	21.0	21.1	22.3	21.9
8/3/2013	12	21.5	21.7	22.7	21.6	21.4	21.7	22.2	21.8
8/3/2013	13	21.2	21.4	23.7	22.1	21.9	22.2	22.1	21.7
8/3/2013	14	21.1	21.3	24.3	22.7	22.6	22.8	22.0	21.7
8/3/2013	15	21.1	21.2	24.5	23.3	23.3	23.2	21.9	21.7
8/3/2013	16	21.0	21.1	24.4	23.9	24.0	24.0	21.9	21.7
8/3/2013	17	21.1	21.1	23.9	24.3	24.4	24.5	21.9	21.7
8/3/2013	18	21.1	21.1	23.2	24.4	24.5	24.5	22.0	21.6
8/3/2013	19	21.1	21.1	22.7	24.2	24.3	24.4	22.0	21.7
8/3/2013	20	21.2	21.2	22.0	23.7	23.8	24.0	22.0	21.7
8/3/2013	21	21.1	21.0	21.5	23.1	23.2	23.4	22.0	21.7
8/3/2013	22	21.2	21.1	21.1	22.7	22.7	22.9	22.1	21.6
8/3/2013	23	21.1	20.9	20.7	22.1	22.2	22.4	22.1	21.6
8/3/2013	24	21.0	20.9	20.5	21.6	21.7	21.9	22.1	21.5
8/4/2013	1	21.0	20.8	20.4	21.2	21.3	21.4	22.1	21.5
8/4/2013	2	20.9	20.8	20.2	20.9	20.9	21.0	22.1	21.5
8/4/2013	3	20.9	20.7	20.1	20.6	20.7	20.7	22.1	21.5
8/4/2013	4	20.9	20.7	20.0	20.4	20.5	20.5	22.1	21.5
8/4/2013	5	20.8	20.7	19.9	20.2	20.3	20.3	22.0	21.5
8/4/2013	6	20.8	20.6	19.8	20.1	20.2	20.2	22.0	21.4
8/4/2013	7	20.8	20.7	19.8	20.0	20.0	20.0	22.1	21.4
8/4/2013	8	20.8	20.7	20.1	20.1	20.0	20.1	22.2	21.4
8/4/2013	9	20.8	20.8	20.5	20.3	20.1	20.2	22.3	21.4
8/4/2013	10	20.7	20.8	21.2	20.6	20.2	20.5	22.4	21.6
8/4/2013	11	20.7	20.9	22.1	20.9	20.6	20.9	22.5	21.8
8/4/2013	12	20.7	20.9	23.0	21.5	21.2	21.4	22.6	22.1

2013 Chelan River Temperature Hourly Data - 3rd Quarter

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 R4 Habitat Channel -Logger- (Deg. C)	End of R4 Habitat Channel -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
8/4/2013	13	20.8	21.0	23.7	22.4	22.1	22.3	22.7	22.0
8/4/2013	14	20.8	21.0	24.2	23.2	23.0	23.2	22.8	22.1
8/4/2013	15	20.8	20.9	24.5	23.8	23.8	23.9	22.8	22.2
8/4/2013	16	20.8	20.8	24.0	24.2	24.3	24.5	22.8	22.4
8/4/2013	17	20.8	20.8	23.0	24.5	24.5	24.4	22.8	22.4
8/4/2013	18	20.8	20.8	22.3	24.3	24.4	24.4	22.7	22.2
8/4/2013	19	20.8	20.8	21.7	23.8	23.9	24.1	22.7	22.1
8/4/2013	20	20.8	20.8	21.2	23.1	23.2	23.5	22.7	22.1
8/4/2013	21	20.8	20.7	20.9	22.5	22.5	22.8	22.6	22.1
8/4/2013	22	20.8	20.7	20.7	22.0	22.0	22.2	22.6	22.1
8/4/2013	23	20.8	20.7	20.5	21.5	21.6	21.7	22.6	22.1
8/4/2013	24	20.8	20.7	20.3	21.1	21.2	21.3	22.5	22.0
8/5/2013	1	20.8	20.7	20.2	20.8	20.9	21.0	22.5	21.9
8/5/2013	2	20.8	20.7	20.0	20.6	20.7	20.7	22.4	21.8
8/5/2013	3	20.8	20.7	19.9	20.4	20.4	20.5	22.3	21.8
8/5/2013	4	20.8	20.7	19.8	20.2	20.2	20.2	22.3	21.8
8/5/2013	5	20.8	20.7	19.7	20.0	20.1	20.1	22.2	21.7
8/5/2013	6	20.9	20.7	19.7	19.9	19.9	19.9	22.2	21.7
8/5/2013	7	21.2	21.2	19.7	19.8	19.8	19.8	22.1	22.1
8/5/2013	8	22.1	21.9	19.9	19.8	19.8	19.8	22.7	22.3
8/5/2013	9	22.3	22.2	20.4	20.1	19.9	20.0	22.8	22.3
8/5/2013	10	22.2	22.3	21.1	20.4	20.0	20.3	22.9	22.4
8/5/2013	11	22.0	22.1	22.2	20.8	20.4	20.7	23.0	22.5
8/5/2013	12	22.2	22.3	23.4	21.3	21.0	21.2	23.1	22.5
8/5/2013	13	22.2	22.4	24.3	22.2	22.0	22.1	23.2	22.6
8/5/2013	14	22.3	22.5	24.9	23.2	23.0	23.1	23.2	22.7
8/5/2013	15	22.4	22.6	25.2	24.0	23.9	24.0	23.3	22.8
8/5/2013	16	22.2	22.4	25.1	24.5	24.6	24.5	23.4	22.8
8/5/2013	17	21.8	22.1	24.8	24.8	25.0	25.0	23.4	22.8
8/5/2013	18	21.8	22.0	24.4	25.1	25.2	25.3	23.3	22.8
8/5/2013	19	21.7	21.8	23.6	24.9	25.0	25.1	23.3	22.8
8/5/2013	20	21.6	21.7	22.9	24.6	24.7	24.8	23.3	22.8
8/5/2013	21	21.5	21.6	22.2	24.2	24.2	24.4	23.3	22.7
8/5/2013	22	21.4	21.5	21.7	23.6	23.6	23.9	23.3	22.7
8/5/2013	23	21.4	21.4	21.3	23.0	23.0	23.3	23.3	22.4
8/5/2013	24	21.2	21.2	21.0	22.4	22.4	22.7	23.3	22.5
8/6/2013	1	21.1	21.1	20.8	21.9	21.9	22.1	23.2	22.4
8/6/2013	2	21.1	21.0	20.6	21.5	21.5	21.6	23.1	22.4
8/6/2013	3	21.0	20.9	20.4	21.1	21.2	21.2	23.1	22.4
8/6/2013	4	21.0	20.8	20.2	20.8	20.9	20.9	23.0	22.3
8/6/2013	5	20.9	20.8	20.1	20.6	20.7	20.7	23.0	22.3
8/6/2013	6	20.9	20.7	19.9	20.4	20.4	20.4	22.9	22.3
8/6/2013	7	20.8	20.7	19.9	20.2	20.2	20.2	22.8	21.9
8/6/2013	8	20.8	20.8	20.1	20.3	20.2	20.2	22.6	21.9
8/6/2013	9	20.8	20.9	20.6	20.5	20.2	20.3	22.7	22.0
8/6/2013	10	20.7	20.9	21.2	20.7	20.3	20.6	22.9	22.1

2013 Chelan River Temperature Hourly Data - 3rd Quarter

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 R4 Habitat Channel -Logger- (Deg. C)	End of R4 Habitat Channel -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
8/6/2013	11	20.8	21.0	22.1	21.0	20.6	20.9	23.0	22.3
8/6/2013	12	20.9	21.1	23.0	21.5	21.2	21.4	23.2	22.4
8/6/2013	13	21.2	21.7	23.8	22.4	22.2	22.3	23.3	22.9
8/6/2013	14	21.6	21.9	24.3	23.2	23.0	23.2	23.4	23.2
8/6/2013	15	22.1	22.3	24.6	23.8	23.8	23.9	23.5	23.2
8/6/2013	16	22.5	22.6	24.7	24.2	24.3	24.5	23.5	23.2
8/6/2013	17	22.7	22.7	24.5	24.5	24.6	24.8	23.6	23.4
8/6/2013	18	23.0	22.9	24.0	24.6	24.7	24.8	23.6	23.5
8/6/2013	19	23.2	23.1	23.4	24.4	24.4	24.5	23.7	23.5
8/6/2013	20	23.3	23.2	22.8	24.0	24.1	24.1	23.7	23.6
8/6/2013	21	23.2	23.1	22.3	23.6	23.7	23.7	23.8	23.5
8/6/2013	22	23.1	23.0	21.9	23.1	23.2	23.3	23.8	23.6
8/6/2013	23	23.2	23.1	21.7	22.6	22.7	22.9	23.9	23.5
8/6/2013	24	23.1	23.0	21.5	22.1	22.2	22.4	24.0	23.3
8/7/2013	1	23.0	22.9	21.3	21.8	21.8	21.9	24.1	23.3
8/7/2013	2	23.0	22.9	21.2	21.5	21.6	21.6	24.1	23.4
8/7/2013	3	23.0	22.8	21.1	21.2	21.3	21.3	24.0	23.3
8/7/2013	4	23.0	22.8	21.0	21.1	21.2	21.1	24.0	23.2
8/7/2013	5	23.0	22.8	20.9	20.9	21.0	20.9	23.9	23.2
8/7/2013	6	23.0	22.8	20.8	20.8	20.9	20.8	23.9	23.2
8/7/2013	7	23.2	23.0	20.7	20.7	20.7	20.7	23.8	23.4
8/7/2013	8	23.3	23.2	21.1	20.9	20.7	20.7	23.8	23.4
8/7/2013	9	23.3	23.4	21.6	21.2	20.8	20.9	23.7	23.4
8/7/2013	10	23.3	23.4	22.3	21.4	20.9	21.2	23.7	23.4
8/7/2013	11	23.4	23.5	23.3	21.9	21.2	21.5	23.7	23.5
8/7/2013	12	23.4	23.5	24.3	22.3	21.9	22.1	23.7	23.6
8/7/2013	13	23.4	23.5	25.1	23.1	22.9	23.0	23.8	23.7
8/7/2013	14	23.2	23.4	25.7	24.1	23.9	24.0	23.8	23.7
8/7/2013	15	22.7	23.0	26.0	24.8	24.7	24.8	23.8	23.6
8/7/2013	16	22.5	22.8	25.9	25.2	25.4	25.5	23.8	23.6
8/7/2013	17	22.4	22.7	25.6	25.5	25.7	25.7	23.8	23.5
8/7/2013	18	22.4	22.7	25.0	25.7	25.8	25.8	23.9	23.5
8/7/2013	19	22.2	22.4	24.2	25.5	25.5	25.5	23.9	23.6
8/7/2013	20	22.1	22.3	23.3	25.1	25.1	25.2	24.0	23.7
8/7/2013	21	22.2	22.2	22.7	24.6	24.7	24.8	24.1	23.7
8/7/2013	22	22.1	22.1	22.1	24.1	24.1	24.3	24.1	23.6
8/7/2013	23	22.1	22.1	21.7	23.4	23.4	23.6	24.2	23.5
8/7/2013	24	22.0	22.0	21.3	22.8	22.8	23.0	24.1	23.3
8/8/2013	1	22.0	22.0	21.0	22.3	22.3	22.4	24.0	23.3
8/8/2013	2	21.9	21.8	20.8	21.7	21.8	21.9	23.9	23.2
8/8/2013	3	22.0	21.8	20.6	21.3	21.3	21.4	23.9	23.3
8/8/2013	4	22.0	21.9	20.5	21.0	21.0	21.1	23.8	23.2
8/8/2013	5	22.1	22.0	20.3	20.7	20.8	20.8	23.7	23.1
8/8/2013	6	22.2	22.2	20.3	20.5	20.6	20.5	23.7	23.4
8/8/2013	7	23.4	23.2	20.3	20.4	20.4	20.4	23.7	23.9
8/8/2013	8	23.8	23.6	20.6	20.5	20.3	20.4	23.9	23.9

2013 Chelan River Temperature Hourly Data - 3rd Quarter

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 R4 Habitat Channel -Logger- (Deg. C)	End of R4 Habitat Channel -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
8/8/2013	9	23.6	23.5	21.1	20.7	20.4	20.5	24.0	23.7
8/8/2013	10	23.5	23.5	21.9	20.9	20.6	20.8	24.0	23.6
8/8/2013	11	23.5	23.6	22.9	21.2	20.9	21.2	24.0	23.7
8/8/2013	12	23.5	23.7	24.0	21.8	21.6	21.7	24.1	23.7
8/8/2013	13	23.6	23.7	24.8	22.6	22.4	22.5	24.1	23.8
8/8/2013	14	23.7	23.8	25.5	23.6	23.4	23.5	24.1	23.9
8/8/2013	15	23.7	23.8	25.8	24.3	24.3	24.3	24.1	24.0
8/8/2013	16	23.8	23.9	25.7	24.8	24.9	24.9	24.2	24.1
8/8/2013	17	23.9	24.0	25.2	25.3	25.3	25.3	24.2	24.1
8/8/2013	18	23.9	24.0	24.8	25.5	25.6	25.6	24.3	24.2
8/8/2013	19	23.9	23.9	24.2	25.4	25.4	25.5	24.3	24.1
8/8/2013	20	23.9	23.9	23.7	25.0	25.0	25.2	24.4	24.1
8/8/2013	21	23.9	23.8	23.2	24.5	24.6	24.7	24.4	24.1
8/8/2013	22	23.9	23.8	22.8	24.0	24.1	24.2	24.5	24.1
8/8/2013	23	23.9	23.8	22.5	23.5	23.6	23.7	24.5	23.9
8/8/2013	24	23.9	23.8	22.3	23.1	23.1	23.3	24.5	23.9
8/9/2013	1	23.9	23.8	22.2	22.7	22.8	22.9	24.4	23.7
8/9/2013	2	23.9	23.8	22.1	22.4	22.5	22.5	24.4	23.6
8/9/2013	3	23.9	23.8	22.0	22.2	22.3	22.3	24.4	23.6
8/9/2013	4	23.9	23.7	22.0	22.0	22.1	22.1	24.3	23.7
8/9/2013	5	23.8	23.6	21.9	21.8	21.9	21.9	24.3	23.7
8/9/2013	6	23.8	23.6	21.8	21.7	21.8	21.8	24.2	23.8
8/9/2013	7	23.8	23.7	21.8	21.7	21.7	21.7	24.2	23.9
8/9/2013	8	23.8	23.7	22.1	21.9	21.7	21.7	24.1	23.9
8/9/2013	9	23.7	23.8	22.5	22.1	21.8	21.9	24.1	23.8
8/9/2013	10	23.6	23.6	22.8	22.1	21.9	22.0	24.0	23.7
8/9/2013	11	23.6	23.7	23.4	22.6	22.3	22.5	24.0	23.7
8/9/2013	12	23.6	23.8	24.4	23.2	22.8	23.1	23.9	23.7
8/9/2013	13	23.5	23.7	25.0	23.7	23.4	23.6	23.8	23.7
8/9/2013	14	23.4	23.6	25.4	24.3	24.1	24.2	23.8	23.6
8/9/2013	15	23.3	23.5	25.7	24.8	24.8	24.9	23.7	23.6
8/9/2013	16	23.2	23.4	25.8	25.1	25.3	25.4	23.7	23.7
8/9/2013	17	23.1	23.3	25.5	25.4	25.5	25.5	23.7	23.7
8/9/2013	18	23.2	23.3	24.9	25.6	25.7	25.7	23.7	23.7
8/9/2013	19	23.0	23.2	24.2	25.6	25.6	25.6	23.6	23.7
8/9/2013	20	22.9	23.0	23.6	25.3	25.3	25.4	23.6	23.6
8/9/2013	21	22.9	22.9	23.1	24.8	24.8	25.0	23.6	23.6
8/9/2013	22	22.7	22.8	22.7	24.2	24.3	24.5	23.6	23.4
8/9/2013	23	22.6	22.7	22.5	23.7	23.8	24.0	23.7	23.0
8/9/2013	24	22.5	22.5	22.3	23.3	23.3	23.4	24.0	23.2
8/10/2013	1	22.4	22.4	22.1	22.9	22.9	23.0	24.0	23.2
8/10/2013	2	22.3	22.3	22.0	22.6	22.6	22.7	23.9	23.3
8/10/2013	3	22.2	22.2	21.8	22.4	22.4	22.5	23.8	23.2
8/10/2013	4	22.2	22.1	21.5	22.1	22.2	22.2	23.7	23.1
8/10/2013	5	22.1	22.1	21.5	22.0	22.0	22.0	23.7	23.1
8/10/2013	6	22.1	22.0	21.4	21.7	21.8	21.8	23.6	23.3

2013 Chelan River Temperature Hourly Data - 3rd Quarter

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 R4 Habitat Channel -Logger- (Deg. C)	End of R4 Habitat Channel -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
8/10/2013	7	22.3	22.3	21.3	21.6	21.7	21.7	23.3	23.3
8/10/2013	8	22.6	22.6	21.4	21.6	21.6	21.6	23.2	23.4
8/10/2013	9	22.7	22.7	21.8	21.8	21.7	21.8	23.3	23.4
8/10/2013	10	22.8	22.8	22.3	21.9	21.7	21.9	23.4	23.4
8/10/2013	11	22.8	22.8	22.9	22.3	22.0	22.3	23.5	23.4
8/10/2013	12	23.0	23.1	23.7	22.6	22.4	22.7	23.6	23.4
8/10/2013	13	23.1	23.3	24.5	23.3	23.0	23.3	23.6	23.6
8/10/2013	14	23.2	23.3	25.1	23.9	23.7	23.9	23.7	23.7
8/10/2013	15	23.4	23.5	25.4	24.4	24.4	24.5	23.8	23.8
8/10/2013	16	23.4	23.5	25.3	24.8	24.9	24.9	23.8	23.8
8/10/2013	17	23.5	23.5	25.0	25.2	25.3	25.3	23.9	23.9
8/10/2013	18	23.5	23.6	24.6	25.3	25.3	25.4	23.9	23.9
8/10/2013	19	23.6	23.6	24.1	25.2	25.2	25.3	24.0	23.9
8/10/2013	20	23.7	23.6	23.7	24.8	24.9	25.0	24.1	23.9
8/10/2013	21	23.7	23.7	23.2	24.5	24.5	24.7	24.2	23.9
8/10/2013	22	23.7	23.7	22.9	24.1	24.1	24.3	24.2	23.9
8/10/2013	23	23.7	23.6	22.6	23.7	23.8	23.9	24.3	23.8
8/10/2013	24	23.7	23.4	22.2	23.1	23.2	23.2	24.3	23.6
8/11/2013	1	23.7	23.5	21.9	22.7	22.8	22.8	24.2	23.7
8/11/2013	2	23.6	23.5	21.6	22.3	22.3	22.4	24.1	23.7
8/11/2013	3	23.6	23.4	21.6	22.0	22.1	22.1	24.1	23.6
8/11/2013	4	23.6	23.4	21.6	21.8	21.8	21.9	24.0	23.6
8/11/2013	5	23.6	23.4	21.6	21.5	21.6	21.6	23.9	23.6
8/11/2013	6	23.5	23.4	21.7	21.4	21.5	21.4	23.9	23.6
8/11/2013	7	23.5	23.4	21.7	21.4	21.4	21.4	23.8	23.6
8/11/2013	8	23.5	23.4	21.9	21.6	21.5	21.4	23.7	23.5
8/11/2013	9	23.5	23.4	22.3	21.9	21.7	21.7	23.7	23.5
8/11/2013	10	23.5	23.4	22.5	21.7	21.7	21.7	23.7	23.5
8/11/2013	11	23.4	23.5	23.2	22.4	22.1	22.2	23.8	23.5
8/11/2013	12	23.4	23.5	24.0	22.9	22.6	22.8	23.8	23.5
8/11/2013	13	23.4	23.5	24.8	23.6	23.3	23.5	23.8	23.6
8/11/2013	14	23.4	23.5	25.2	24.0	23.9	24.0	23.8	23.6
8/11/2013	15	23.5	23.6	25.5	24.7	24.6	24.8	23.9	23.7
8/11/2013	16	23.5	23.5	25.1	24.9	25.0	25.0	23.9	23.8
8/11/2013	17	23.5	23.5	24.9	25.1	25.3	25.3	23.9	23.7
8/11/2013	18	23.5	23.5	24.2	25.3	25.3	25.3	23.9	23.7
8/11/2013	19	23.6	23.5	23.6	25.0	25.1	25.2	23.9	23.8
8/11/2013	20	23.6	23.5	23.0	24.7	24.7	24.8	23.9	23.8
8/11/2013	21	23.6	23.5	22.6	24.2	24.2	24.4	23.9	23.8
8/11/2013	22	23.6	23.4	22.3	23.6	23.6	23.8	23.9	23.8
8/11/2013	23	23.7	23.5	21.9	23.1	23.1	23.3	23.9	23.7
8/11/2013	24	23.7	23.5	21.7	22.6	22.6	22.8	23.9	23.7
8/12/2013	1	23.7	23.5	21.7	22.2	22.3	22.3	23.9	23.7
8/12/2013	2	23.6	23.5	21.7	21.9	21.9	22.0	23.8	23.6
8/12/2013	3	23.6	23.4	21.7	21.6	21.7	21.7	23.8	23.6
8/12/2013	4	23.6	23.4	21.6	21.5	21.6	21.5	23.7	23.6

2013 Chelan River Temperature Hourly Data - 3rd Quarter

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 R4 Habitat Channel -Logger- (Deg. C)	End of R4 Habitat Channel -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
8/12/2013	5	23.5	23.3	21.6	21.4	21.5	21.4	23.7	23.5
8/12/2013	6	23.5	23.3	21.5	21.3	21.4	21.3	23.7	23.6
8/12/2013	7	23.5	23.3	21.5	21.3	21.4	21.3	23.6	23.5
8/12/2013	8	23.4	23.3	21.7	21.5	21.4	21.3	23.6	23.4
8/12/2013	9	23.3	23.3	22.1	21.7	21.5	21.5	23.6	23.4
8/12/2013	10	23.3	23.3	22.8	21.9	21.7	21.8	23.6	23.4
8/12/2013	11	23.3	23.4	23.5	22.3	21.9	22.2	23.7	23.4
8/12/2013	12	23.3	23.4	24.3	22.7	22.4	22.7	23.7	23.5
8/12/2013	13	23.4	23.5	25.0	23.4	23.3	23.4	23.8	23.6
8/12/2013	14	23.5	23.6	25.5	24.3	24.1	24.2	23.8	23.6
8/12/2013	15	23.7	23.7	25.7	25.0	25.0	25.0	23.9	23.8
8/12/2013	16	23.8	23.9	25.7	25.3	25.5	25.6	23.9	23.8
8/12/2013	17	23.8	23.8	25.5	25.4	25.6	25.8	24.0	23.9
8/12/2013	18	23.8	23.8	25.0	25.5	25.6	25.7	24.0	23.9
8/12/2013	19	23.8	23.8	24.4	25.3	25.4	25.5	24.1	24.0
8/12/2013	20	23.9	23.8	23.7	24.8	25.0	25.1	24.1	23.9
8/12/2013	21	23.8	23.7	23.2	24.6	24.7	24.7	24.2	23.9
8/12/2013	22	23.8	23.7	22.8	24.1	24.2	24.3	24.2	23.9
8/12/2013	23	23.8	23.6	22.5	23.6	23.7	23.8	24.3	23.6
8/12/2013	24	23.7	23.6	22.2	23.1	23.2	23.3	24.2	23.6
8/13/2013	1	23.7	23.6	22.0	22.7	22.8	22.8	24.2	23.6
8/13/2013	2	23.7	23.5	21.8	22.4	22.4	22.5	24.1	23.6
8/13/2013	3	23.7	23.5	21.8	22.1	22.2	22.2	24.1	23.4
8/13/2013	4	23.6	23.4	21.8	21.8	21.9	21.9	24.0	23.4
8/13/2013	5	23.6	23.4	21.7	21.6	21.7	21.7	24.0	23.4
8/13/2013	6	23.6	23.4	21.7	21.5	21.6	21.6	24.0	23.6
8/13/2013	7	23.6	23.4	21.6	21.5	21.6	21.5	23.9	23.7
8/13/2013	8	23.5	23.4	21.8	21.6	21.6	21.6	23.9	23.6
8/13/2013	9	23.5	23.5	22.3	21.8	21.6	21.7	23.9	23.6
8/13/2013	10	23.5	23.4	22.9	22.0	21.8	22.0	23.9	23.6
8/13/2013	11	23.5	23.5	23.7	22.3	22.1	22.4	23.9	23.6
8/13/2013	12	23.5	23.6	24.5	22.8	22.6	22.8	23.9	23.6
8/13/2013	13	23.5	23.7	25.2	23.5	23.4	23.6	23.9	23.7
8/13/2013	14	23.7	23.8	25.7	24.5	24.3	24.4	23.9	23.8
8/13/2013	15	23.8	23.9	26.0	25.1	25.1	25.2	23.9	23.9
8/13/2013	16	23.8	23.8	26.0	25.4	25.6	25.7	23.9	23.9
8/13/2013	17	23.8	23.8	25.7	25.6	25.9	26.0	23.9	24.0
8/13/2013	18	23.7	23.7	25.2	25.8	25.9	26.0	24.0	24.0
8/13/2013	19	23.7	23.7	24.6	25.6	25.7	25.8	24.0	24.0
8/13/2013	20	23.7	23.6	23.9	25.1	25.3	25.4	24.0	24.0
8/13/2013	21	23.7	23.6	23.3	24.8	24.8	24.9	24.0	24.0
8/13/2013	22	23.8	23.6	22.8	24.2	24.3	24.5	24.0	24.0
8/13/2013	23	23.7	23.5	22.4	23.6	23.7	23.9	24.2	23.8
8/13/2013	24	23.6	23.5	22.2	23.2	23.2	23.4	24.4	23.7
8/14/2013	1	23.6	23.4	22.1	22.7	22.8	22.9	24.5	23.7
8/14/2013	2	23.6	23.4	21.9	22.3	22.4	22.4	24.4	23.7

2013 Chelan River Temperature Hourly Data - 3rd Quarter

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 R4 Habitat Channel -Logger- (Deg. C)	End of R4 Habitat Channel -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
8/14/2013	3	23.5	23.3	21.8	22.0	22.1	22.1	24.3	23.6
8/14/2013	4	23.5	23.2	21.7	21.8	21.9	21.9	24.2	23.4
8/14/2013	5	23.3	23.1	21.6	21.6	21.7	21.7	24.1	23.5
8/14/2013	6	23.2	23.0	21.5	21.4	21.6	21.5	24.0	23.8
8/14/2013	7	23.1	22.8	21.4	21.3	21.4	21.4	23.9	23.5
8/14/2013	8	23.0	22.9	21.7	21.5	21.4	21.4	23.8	23.4
8/14/2013	9	22.8	22.8	21.8	21.4	21.4	21.4	23.7	23.3
8/14/2013	10	22.7	22.7	22.4	21.7	21.6	21.8	23.6	23.2
8/14/2013	11	22.6	22.7	23.1	22.0	21.8	22.0	23.5	23.1
8/14/2013	12	22.5	22.7	23.6	22.3	22.2	22.3	23.4	23.1
8/14/2013	13	22.5	22.6	24.0	22.8	22.8	22.8	23.3	23.2
8/14/2013	14	22.5	22.7	24.1	23.4	23.4	23.4	23.3	23.3
8/14/2013	15	22.5	22.6	24.1	23.9	23.8	23.9	23.3	23.3
8/14/2013	16	22.8	22.8	24.0	24.1	24.1	24.3	23.4	23.4
8/14/2013	17	22.6	22.7	24.0	24.3	24.4	24.6	23.5	23.4
8/14/2013	18	22.9	22.9	23.7	24.3	24.3	24.5	23.5	23.6
8/14/2013	19	23.0	23.0	23.3	24.1	24.1	24.2	23.6	23.5
8/14/2013	20	23.1	23.0	22.8	23.8	23.9	24.0	23.6	23.6
8/14/2013	21	23.3	23.1	22.4	23.5	23.6	23.7	23.7	23.6
8/14/2013	22	23.4	23.3	22.3	23.2	23.3	23.4	23.9	23.7
8/14/2013	23	23.3	23.2	22.1	22.9	22.9	23.1	24.1	23.4
8/14/2013	24	23.3	23.2	22.0	22.5	22.6	22.7	24.1	23.4
8/15/2013	1	23.4	23.2	21.8	22.2	22.3	22.3	24.0	23.4
8/15/2013	2	23.3	23.2	21.8	22.0	22.1	22.1	24.0	23.5
8/15/2013	3	23.3	23.2	21.7	21.8	21.9	21.9	24.0	23.4
8/15/2013	4	23.3	23.2	21.8	21.7	21.8	21.8	23.9	23.4
8/15/2013	5	23.3	23.1	21.7	21.7	21.7	21.7	23.9	23.4
8/15/2013	6	23.3	23.2	21.7	21.6	21.7	21.6	23.8	23.4
8/15/2013	7	23.4	23.2	21.7	21.6	21.7	21.6	23.8	23.5
8/15/2013	8	23.4	23.3	21.8	21.6	21.7	21.7	23.8	23.5
8/15/2013	9	23.4	23.3	22.0	21.7	21.7	21.7	23.8	23.5
8/15/2013	10	23.4	23.3	22.3	21.8	21.7	21.8	23.7	23.5
8/15/2013	11	23.4	23.4	22.6	22.0	21.9	22.0	23.7	23.5
8/15/2013	12	23.4	23.4	23.0	22.2	22.2	22.2	23.7	23.5
8/15/2013	13	23.4	23.5	23.4	22.5	22.5	22.5	23.7	23.6
8/15/2013	14	23.5	23.5	23.6	22.9	22.8	22.8	23.7	23.6
8/15/2013	15	23.5	23.5	23.7	23.1	23.1	23.1	23.7	23.6
8/15/2013	16	23.5	23.5	23.7	23.4	23.4	23.4	23.7	23.6
8/15/2013	17	23.5	23.5	23.5	23.6	23.6	23.6	23.7	23.7
8/15/2013	18	23.5	23.5	23.1	23.5	23.6	23.6	23.7	23.7
8/15/2013	19	23.5	23.5	22.9	23.4	23.5	23.5	23.7	23.7
8/15/2013	20	23.5	23.4	22.6	23.2	23.3	23.3	23.7	23.7
8/15/2013	21	23.5	23.4	22.3	22.9	23.0	23.0	23.7	23.6
8/15/2013	22	23.5	23.4	22.0	22.6	22.7	22.7	23.7	23.6
8/15/2013	23	23.5	23.3	21.8	22.3	22.4	22.4	23.8	23.4
8/15/2013	24	23.5	23.3	21.6	22.0	22.1	22.1	24.1	23.4

2013 Chelan River Temperature Hourly Data - 3rd Quarter

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 R4 Habitat Channel -Logger- (Deg. C)	End of R4 Habitat Channel -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
8/16/2013	1	23.4	23.2	21.5	21.8	21.8	21.9	24.1	23.1
8/16/2013	2	23.4	23.2	21.4	21.5	21.6	21.6	24.0	23.3
8/16/2013	3	23.4	23.1	21.3	21.3	21.4	21.4	23.9	23.2
8/16/2013	4	23.3	23.1	21.2	21.2	21.2	21.2	23.8	23.2
8/16/2013	5	23.3	23.0	21.1	21.0	21.1	21.1	23.7	23.1
8/16/2013	6	23.3	23.0	21.1	20.9	21.0	20.9	23.6	23.4
8/16/2013	7	23.2	23.0	21.1	20.8	20.9	20.8	23.6	23.4
8/16/2013	8	23.2	23.0	21.2	20.8	20.9	20.8	23.5	23.3
8/16/2013	9	23.2	23.0	21.6	21.0	20.9	20.9	23.5	23.2
8/16/2013	10	23.1	23.0	21.9	21.1	21.0	21.1	23.5	23.2
8/16/2013	11	23.1	23.0	22.4	21.3	21.2	21.3	23.5	23.2
8/16/2013	12	23.1	23.1	22.7	21.6	21.6	21.6	23.5	23.2
8/16/2013	13	23.1	23.1	23.0	22.0	22.0	21.9	23.5	23.3
8/16/2013	14	23.1	23.2	24.0	22.7	22.6	22.8	23.5	23.3
8/16/2013	15	23.2	23.3	24.6	23.1	23.1	23.3	23.5	23.4
8/16/2013	16	23.3	23.4	24.9	23.4	23.6	23.7	23.5	23.4
8/16/2013	17	23.4	23.4	25.0	24.0	24.1	24.1	23.5	23.5
8/16/2013	18	23.5	23.4	24.5	24.4	24.5	24.5	23.6	23.6
8/16/2013	19	23.5	23.4	23.8	24.5	24.6	24.5	23.6	23.6
8/16/2013	20	23.5	23.4	23.3	24.3	24.5	24.4	23.6	23.6
8/16/2013	21	23.5	23.4	22.7	24.1	24.1	24.2	23.7	23.6
8/16/2013	22	23.5	23.4	22.4	23.6	23.7	23.8	23.7	23.6
8/16/2013	23	23.4	23.3	22.1	23.1	23.2	23.3	23.8	23.4
8/16/2013	24	23.4	23.3	22.0	22.6	22.7	22.8	24.1	23.4
8/17/2013	1	23.4	23.2	21.8	22.2	22.3	22.4	24.0	23.2
8/17/2013	2	23.4	23.2	21.7	21.9	22.0	22.1	24.0	23.3
8/17/2013	3	23.4	23.2	21.6	21.7	21.8	21.8	23.9	23.3
8/17/2013	4	23.3	23.2	21.5	21.5	21.6	21.6	23.8	23.2
8/17/2013	5	23.3	23.1	21.5	21.4	21.5	21.4	23.7	23.1
8/17/2013	6	23.3	23.1	21.4	21.2	21.4	21.3	23.6	23.2
8/17/2013	7	23.3	23.1	21.3	21.2	21.3	21.2	23.6	23.4
8/17/2013	8	23.3	23.1	21.6	21.3	21.3	21.2	23.6	23.4
8/17/2013	9	23.2	23.2	22.0	21.5	21.3	21.5	23.6	23.3
8/17/2013	10	23.2	23.2	22.8	21.8	21.5	21.8	23.6	23.4
8/17/2013	11	23.3	23.3	23.5	22.1	21.8	22.1	23.6	23.4
8/17/2013	12	23.3	23.3	23.8	22.3	22.2	22.3	23.6	23.4
8/17/2013	13	23.3	23.4	24.1	23.0	22.9	22.8	23.6	23.5
8/17/2013	14	23.4	23.5	24.3	23.5	23.4	23.4	23.7	23.5
8/17/2013	15	23.4	23.5	24.4	23.8	23.8	23.9	23.7	23.5
8/17/2013	16	23.5	23.4	24.0	23.9	23.9	23.8	23.7	23.6
8/17/2013	17	23.5	23.4	23.6	24.0	24.0	24.0	23.7	23.6
8/17/2013	18	23.5	23.4	23.3	23.7	23.8	23.9	23.7	23.5
8/17/2013	19	23.4	23.3	22.8	23.4	23.5	23.5	23.7	23.5
8/17/2013	20	23.4	23.2	22.4	23.0	23.1	23.0	23.7	23.4
8/17/2013	21	23.3	23.2	22.0	22.7	22.8	22.7	23.6	23.4
8/17/2013	22	23.3	23.1	21.7	22.3	22.4	22.4	23.6	23.3

2013 Chelan River Temperature Hourly Data - 3rd Quarter

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 R4 Habitat Channel -Logger- (Deg. C)	End of R4 Habitat Channel -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
8/17/2013	23	23.2	23.0	21.5	21.9	22.0	22.0	23.7	23.0
8/17/2013	24	23.2	23.0	21.4	21.7	21.7	21.7	23.7	23.0
8/18/2013	1	23.1	22.9	21.2	21.4	21.5	21.4	23.7	22.9
8/18/2013	2	23.1	22.9	21.2	21.2	21.3	21.2	23.7	22.9
8/18/2013	3	23.1	22.8	21.1	21.0	21.1	21.0	23.7	22.7
8/18/2013	4	23.1	22.8	21.0	20.9	21.0	20.9	23.7	22.8
8/18/2013	5	23.0	22.8	20.9	20.7	20.8	20.7	23.7	22.7
8/18/2013	6	23.0	22.7	20.8	20.7	20.7	20.6	23.6	22.7
8/18/2013	7	23.0	22.7	20.8	20.5	20.7	20.6	23.6	22.7
8/18/2013	8	23.0	22.8	21.1	20.7	20.6	20.6	23.6	22.7
8/18/2013	9	23.0	22.8	21.5	21.0	20.7	20.8	23.6	22.7
8/18/2013	10	23.0	22.9	22.1	21.2	20.9	21.1	23.6	22.9
8/18/2013	11	23.0	23.0	23.0	21.5	21.2	21.4	23.7	23.1
8/18/2013	12	23.0	23.1	23.9	22.0	21.7	21.9	23.7	23.2
8/18/2013	13	23.0	23.1	24.6	22.7	22.5	22.6	23.8	23.5
8/18/2013	14	23.1	23.1	25.1	23.5	23.4	23.4	23.9	23.5
8/18/2013	15	23.1	23.1	25.3	24.1	24.1	24.2	24.0	23.5
8/18/2013	16	23.1	23.1	25.2	24.4	24.6	24.7	24.1	23.6
8/18/2013	17	23.2	23.1	24.8	24.7	24.9	24.9	24.2	23.6
8/18/2013	18	23.2	23.0	24.1	24.8	24.9	24.9	24.2	23.5
8/18/2013	19	23.2	23.1	23.4	24.5	24.7	24.6	24.1	23.2
8/18/2013	20	23.2	23.0	22.5	24.1	24.2	24.1	24.1	23.1
8/18/2013	21	23.2	23.0	22.0	23.5	23.6	23.6	24.0	23.1
8/18/2013	22	23.3	23.0	21.7	22.9	23.0	23.0	23.9	22.9
8/18/2013	23	23.3	23.1	21.4	22.3	22.3	22.4	23.8	22.8
8/18/2013	24	23.3	23.1	21.3	21.8	21.9	21.9	23.7	22.8
8/19/2013	1	23.3	23.0	21.3	21.4	21.5	21.5	23.7	23.2
8/19/2013	2	23.2	23.0	21.3	21.1	21.2	21.2	23.6	23.2
8/19/2013	3	23.2	22.9	21.2	21.0	21.0	21.0	23.5	23.2
8/19/2013	4	23.2	22.9	21.1	20.9	21.0	20.8	23.5	23.2
8/19/2013	5	23.1	22.9	21.0	20.8	20.9	20.8	23.4	23.1
8/19/2013	6	23.0	22.8	21.0	20.7	20.8	20.7	23.3	23.1
8/19/2013	7	23.0	22.8	21.0	20.6	20.7	20.7	23.3	23.0
8/19/2013	8	23.0	22.8	21.2	20.8	20.7	20.7	23.2	22.9
8/19/2013	9	22.9	22.8	21.6	21.1	20.8	21.0	23.2	22.9
8/19/2013	10	22.8	22.9	22.1	21.3	21.0	21.2	23.2	22.9
8/19/2013	11	22.8	23.0	23.1	21.5	21.4	21.5	23.2	22.9
8/19/2013	12	22.8	23.1	23.8	22.5	22.4	22.3	23.2	22.9
8/19/2013	13	22.9	23.1	24.2	23.4	23.4	23.3	23.3	23.0
8/19/2013	14	22.9	23.1	24.3	24.1	24.1	24.0	23.3	23.0
8/19/2013	15	22.9	23.2	24.3	24.3	24.3	24.4	23.3	23.1
8/19/2013	16	22.9	23.2	24.1	24.3	24.4	24.5	23.3	23.2
8/19/2013	17	22.9	23.1	23.8	24.2	24.2	24.4	23.3	23.2
8/19/2013	18	22.8	23.1	23.4	23.8	23.9	24.0	23.3	23.2
8/19/2013	19	22.8	23.0	22.8	23.4	23.5	23.5	23.3	23.2
8/19/2013	20	22.7	22.9	22.4	23.0	23.1	23.1	23.3	23.1

2013 Chelan River Temperature Hourly Data - 3rd Quarter

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 R4 Habitat Channel -Logger- (Deg. C)	End of R4 Habitat Channel -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
8/19/2013	21	22.7	22.9	22.0	22.5	22.6	22.7	23.3	23.1
8/19/2013	22	22.6	22.8	21.9	22.2	22.2	22.2	23.3	23.1
8/19/2013	23	22.6	22.8	21.7	21.8	21.9	21.9	23.3	23.0
8/19/2013	24	22.5	22.7	21.6	21.7	21.7	21.7	23.3	23.0
8/20/2013	1	22.5	22.7	21.4	21.5	21.5	21.5	23.3	22.9
8/20/2013	2	22.5	22.7	21.4	21.3	21.3	21.3	23.2	22.9
8/20/2013	3	22.4	22.6	21.4	21.1	21.2	21.1	23.2	22.8
8/20/2013	4	22.4	22.6	21.4	21.1	21.2	21.1	23.1	22.8
8/20/2013	5	22.3	22.5	21.3	21.1	21.1	21.0	23.1	22.8
8/20/2013	6	22.3	22.5	21.2	21.0	21.1	21.0	23.0	22.8
8/20/2013	7	22.3	22.4	21.2	20.9	21.0	20.9	22.9	22.7
8/20/2013	8	22.3	22.5	21.3	20.9	21.0	20.9	22.9	22.7
8/20/2013	9	22.4	22.5	21.6	21.1	21.0	21.1	22.9	22.6
8/20/2013	10	22.4	22.6	22.1	21.4	21.3	21.3	22.9	22.6
8/20/2013	11	22.5	22.7	22.7	21.8	21.7	21.7	23.0	22.6
8/20/2013	12	22.6	22.8	23.4	22.4	22.3	22.3	23.0	22.7
8/20/2013	13	22.6	22.8	23.9	23.1	23.1	23.1	23.0	22.8
8/20/2013	14	22.6	22.9	24.2	23.8	23.8	23.8	23.0	22.8
8/20/2013	15	22.7	22.9	24.3	24.1	24.2	24.3	23.1	22.9
8/20/2013	16	22.7	23.0	24.2	24.2	24.3	24.5	23.1	23.0
8/20/2013	17	22.7	23.0	23.9	24.2	24.3	24.5	23.1	23.1
8/20/2013	18	22.6	22.9	23.5	24.0	24.0	24.2	23.1	23.1
8/20/2013	19	22.6	22.9	22.9	23.6	23.7	23.7	23.2	23.1
8/20/2013	20	22.6	22.9	22.4	23.2	23.3	23.3	23.2	23.1
8/20/2013	21	22.6	22.8	22.1	22.7	22.7	22.8	23.2	23.1
8/20/2013	22	22.6	22.8	21.9	22.2	22.3	22.3	23.2	23.1
8/20/2013	23	22.6	22.8	21.8	21.9	22.0	22.0	23.2	23.0
8/20/2013	24	22.5	22.7	21.7	21.7	21.7	21.7	23.3	23.0
8/21/2013	1	22.5	22.7	21.6	21.5	21.6	21.5	23.2	22.9
8/21/2013	2	22.5	22.7	21.5	21.4	21.4	21.4	23.2	22.9
8/21/2013	3	22.5	22.6	21.4	21.3	21.3	21.3	23.2	22.8
8/21/2013	4	22.4	22.6	21.3	21.2	21.2	21.2	23.1	22.8
8/21/2013	5	22.4	22.5	21.3	21.1	21.1	21.1	23.1	22.8
8/21/2013	6	22.3	22.5	21.2	21.0	21.0	21.0	23.0	22.8
8/21/2013	7	22.3	22.5	21.2	20.9	20.9	20.9	23.0	22.8
8/21/2013	8	22.4	22.5	21.3	20.9	20.9	20.9	23.0	22.8
8/21/2013	9	22.4	22.5	21.5	21.0	21.0	21.0	23.0	22.7
8/21/2013	10	22.5	22.6	22.0	21.3	21.2	21.3	23.0	22.7
8/21/2013	11	22.5	22.8	22.8	21.6	21.5	21.7	23.1	22.8
8/21/2013	12	22.6	22.9	23.5	22.2	22.1	22.2	23.1	22.8
8/21/2013	13	22.7	23.0	24.2	23.0	22.9	22.9	23.1	22.9
8/21/2013	14	22.8	23.0	24.6	23.8	23.7	23.8	23.2	23.0
8/21/2013	15	22.8	23.1	24.7	24.3	24.3	24.4	23.2	23.1
8/21/2013	16	22.7	23.1	24.5	24.6	24.7	24.8	23.3	23.2
8/21/2013	17	22.7	23.2	24.2	24.7	24.8	24.9	23.3	23.2
8/21/2013	18	22.7	23.1	23.7	24.4	24.5	24.7	23.3	23.3

2013 Chelan River Temperature Hourly Data - 3rd Quarter

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 R4 Habitat Channel -Logger- (Deg. C)	End of R4 Habitat Channel -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
8/21/2013	19	22.8	23.1	23.2	24.1	24.1	24.2	23.3	23.2
8/21/2013	20	22.8	23.0	22.7	23.6	23.7	23.8	23.3	23.2
8/21/2013	21	22.8	22.9	22.3	23.1	23.2	23.3	23.3	23.2
8/21/2013	22	22.8	22.9	22.0	22.6	22.7	22.8	23.4	23.2
8/21/2013	23	22.8	22.8	21.8	22.2	22.3	22.3	23.4	23.1
8/21/2013	24	22.8	22.8	21.6	21.8	21.9	22.0	23.4	23.0
8/22/2013	1	22.8	22.7	21.5	21.6	21.6	21.6	23.3	23.0
8/22/2013	2	22.9	22.6	21.4	21.3	21.4	21.4	23.3	23.0
8/22/2013	3	22.9	22.6	21.3	21.2	21.2	21.2	23.3	22.9
8/22/2013	4	22.9	22.6	21.2	21.0	21.1	21.0	23.2	22.9
8/22/2013	5	22.9	22.5	21.1	20.9	21.0	20.9	23.2	22.9
8/22/2013	6	22.9	22.5	21.1	20.8	20.8	20.8	23.2	22.9
8/22/2013	7	22.9	22.5	21.0	20.7	20.8	20.7	23.1	22.9
8/22/2013	8	22.9	22.5	21.2	20.7	20.8	20.7	23.1	22.9
8/22/2013	9	22.8	22.6	21.4	20.8	20.8	20.8	23.0	22.8
8/22/2013	10	22.6	22.6	21.9	21.1	21.0	21.0	23.0	22.7
8/22/2013	11	22.6	22.6	22.4	21.4	21.3	21.3	23.0	22.7
8/22/2013	12	22.7	22.7	23.0	21.9	21.8	21.8	22.9	22.6
8/22/2013	13	22.8	22.8	23.7	22.6	22.5	22.6	22.9	22.6
8/22/2013	14	22.7	22.9	24.1	23.3	23.3	23.3	22.8	22.7
8/22/2013	15	22.7	22.9	24.2	23.8	23.9	23.9	22.8	22.8
8/22/2013	16	22.7	22.8	23.9	24.2	24.2	24.2	22.9	22.8
8/22/2013	17	22.7	22.8	23.4	24.2	24.2	24.3	22.9	22.8
8/22/2013	18	22.6	22.8	23.0	23.9	23.9	24.1	22.9	22.8
8/22/2013	19	22.6	22.7	22.6	23.4	23.5	23.7	22.9	22.8
8/22/2013	20	22.6	22.7	22.3	23.0	23.1	23.2	23.0	22.8
8/22/2013	21	22.6	22.7	22.1	22.6	22.7	22.8	23.0	22.8
8/22/2013	22	22.6	22.6	21.9	22.3	22.4	22.4	23.0	22.8
8/22/2013	23	22.6	22.5	21.8	22.0	22.1	22.2	23.0	22.8
8/22/2013	24	22.6	22.6	21.7	21.8	21.9	21.9	23.0	22.7
8/23/2013	1	22.6	22.5	21.7	21.7	21.8	21.7	23.0	22.7
8/23/2013	2	22.6	22.5	21.7	21.6	21.7	21.7	23.0	22.6
8/23/2013	3	22.6	22.4	21.7	21.6	21.6	21.6	23.0	22.6
8/23/2013	4	22.6	22.4	21.6	21.5	21.6	21.5	23.0	22.5
8/23/2013	5	22.6	22.4	21.6	21.5	21.5	21.5	23.0	22.6
8/23/2013	6	22.5	22.4	21.5	21.4	21.5	21.5	22.9	22.6
8/23/2013	7	22.5	22.2	21.5	21.4	21.5	21.4	22.9	22.4
8/23/2013	8	22.5	22.1	21.5	21.4	21.4	21.4	22.8	22.3
8/23/2013	9	22.5	22.1	21.6	21.4	21.4	21.4	22.7	22.2
8/23/2013	10	22.3	22.1	21.7	21.5	21.5	21.5	22.6	22.1
8/23/2013	11	22.0	22.1	21.8	21.6	21.6	21.6	22.5	22.1
8/23/2013	12	21.9	22.2	22.2	21.8	21.8	21.9	22.4	22.2
8/23/2013	13	21.9	22.4	22.7	22.2	22.1	22.3	22.4	22.2
8/23/2013	14	21.9	22.5	23.4	22.5	22.5	22.7	22.4	22.3
8/23/2013	15	22.0	22.2	23.9	22.9	23.0	23.1	22.5	22.4
8/23/2013	16	22.0	22.1	23.7	23.4	23.4	23.4	22.5	22.5

2013 Chelan River Temperature Hourly Data - 3rd Quarter

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 R4 Habitat Channel -Logger- (Deg. C)	End of R4 Habitat Channel -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
8/23/2013	17	22.1	22.2	23.5	23.7	23.8	23.8	22.6	22.6
8/23/2013	18	22.1	22.1	23.1	23.6	23.7	23.7	22.6	22.6
8/23/2013	19	22.1	22.1	22.5	23.4	23.5	23.5	22.7	22.6
8/23/2013	20	22.0	22.0	22.0	23.1	23.2	23.2	22.7	22.5
8/23/2013	21	22.1	22.0	21.5	22.7	22.8	22.8	22.7	22.5
8/23/2013	22	22.1	22.0	21.3	22.3	22.3	22.4	22.7	22.5
8/23/2013	23	22.2	22.0	21.1	21.8	21.9	22.0	22.7	22.5
8/23/2013	24	22.1	22.0	20.9	21.4	21.5	21.6	22.7	22.5
8/24/2013	1	22.2	22.1	20.8	21.1	21.2	21.2	22.7	22.5
8/24/2013	2	22.1	21.9	20.7	20.9	20.9	20.9	22.7	22.4
8/24/2013	3	22.2	22.0	20.5	20.7	20.8	20.7	22.7	22.3
8/24/2013	4	22.3	22.1	20.5	20.5	20.6	20.5	22.7	22.3
8/24/2013	5	22.3	22.1	20.4	20.3	20.4	20.4	22.7	22.3
8/24/2013	6	22.2	22.0	20.4	20.2	20.3	20.2	22.7	22.3
8/24/2013	7	22.2	22.0	20.4	20.1	20.2	20.1	22.6	22.4
8/24/2013	8	22.2	22.0	20.5	20.1	20.2	20.1	22.6	22.3
8/24/2013	9	22.1	22.0	20.7	20.2	20.2	20.2	22.6	22.2
8/24/2013	10	22.1	22.0	21.0	20.3	20.3	20.3	22.5	22.2
8/24/2013	11	22.1	22.1	21.3	20.5	20.5	20.5	22.5	22.2
8/24/2013	12	22.1	22.1	21.5	20.7	20.7	20.7	22.5	22.2
8/24/2013	13	22.1	22.1	22.1	21.2	21.1	21.2	22.4	22.2
8/24/2013	14	22.1	22.2	22.8	21.6	21.5	21.8	22.4	22.3
8/24/2013	15	22.1	22.2	23.5	22.0	22.0	22.2	22.4	22.3
8/24/2013	16	22.1	22.1	23.8	22.4	22.6	22.6	22.3	22.3
8/24/2013	17	22.0	22.0	23.8	22.9	23.1	23.0	22.3	22.2
8/24/2013	18	21.8	21.7	23.1	23.2	23.3	23.1	22.3	22.1
8/24/2013	19	21.6	21.5	22.4	23.2	23.3	23.2	22.2	21.9
8/24/2013	20	21.4	21.3	21.7	22.9	23.0	23.0	22.2	21.7
8/24/2013	21	21.3	21.2	21.2	22.5	22.6	22.6	22.2	21.7
8/24/2013	22	21.2	21.1	20.8	21.9	22.1	22.1	22.2	21.7
8/24/2013	23	21.1	21.0	20.5	21.5	21.6	21.6	22.2	21.7
8/24/2013	24	21.2	21.1	20.3	21.0	21.1	21.2	22.2	21.7
8/25/2013	1	21.1	21.0	20.1	20.7	20.7	20.8	22.3	21.6
8/25/2013	2	21.2	21.1	20.0	20.4	20.4	20.5	22.2	21.6
8/25/2013	3	21.2	21.1	19.8	20.1	20.2	20.2	22.2	21.6
8/25/2013	4	21.2	21.1	19.7	19.9	20.0	20.0	22.2	21.6
8/25/2013	5	21.3	21.1	19.7	19.7	19.8	19.7	22.2	21.6
8/25/2013	6	21.3	21.1	19.6	19.6	19.6	19.6	22.2	21.6
8/25/2013	7	21.3	21.2	19.7	19.5	19.5	19.5	22.2	21.7
8/25/2013	8	21.4	21.2	19.8	19.4	19.5	19.5	22.2	21.6
8/25/2013	9	21.4	21.3	20.2	19.7	19.6	19.6	22.2	21.6
8/25/2013	10	21.4	21.3	20.7	19.9	19.7	19.9	22.3	21.6
8/25/2013	11	21.4	21.4	21.2	19.9	19.9	19.9	22.3	21.8
8/25/2013	12	21.5	21.5	21.7	20.4	20.3	20.3	22.3	21.8
8/25/2013	13	21.5	21.5	22.1	20.9	20.8	20.8	22.4	21.9
8/25/2013	14	21.5	21.5	22.1	21.3	21.3	21.2	22.4	21.9

2013 Chelan River Temperature Hourly Data - 3rd Quarter

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 R4 Habitat Channel -Logger- (Deg. C)	End of R4 Habitat Channel -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
8/25/2013	15	21.5	21.6	22.4	21.8	21.8	21.7	22.5	22.0
8/25/2013	16	21.6	21.6	22.4	21.9	22.0	22.1	22.5	22.0
8/25/2013	17	21.6	21.6	22.3	22.1	22.1	22.2	22.5	22.0
8/25/2013	18	21.6	21.6	21.9	22.2	22.2	22.2	22.5	21.9
8/25/2013	19	21.6	21.6	21.6	22.2	22.2	22.2	22.4	21.9
8/25/2013	20	21.6	21.6	21.2	22.0	22.0	22.1	22.4	21.9
8/25/2013	21	21.6	21.5	20.9	21.6	21.7	21.7	22.3	21.8
8/25/2013	22	21.6	21.5	20.8	21.3	21.4	21.4	22.3	21.7
8/25/2013	23	21.6	21.5	20.6	21.0	21.1	21.1	22.2	21.7
8/25/2013	24	21.6	21.5	20.5	20.7	20.8	20.8	22.1	21.6
8/26/2013	1	21.6	21.5	20.4	20.5	20.6	20.6	22.1	21.8
8/26/2013	2	21.6	21.5	20.3	20.4	20.4	20.4	22.1	21.8
8/26/2013	3	21.6	21.5	20.2	20.2	20.3	20.2	22.0	21.7
8/26/2013	4	21.6	21.5	20.1	20.1	20.2	20.1	22.0	21.7
8/26/2013	5	21.6	21.4	20.1	19.9	20.0	20.0	22.0	21.7
8/26/2013	6	21.6	21.4	20.0	19.8	19.9	19.8	21.9	21.7
8/26/2013	7	21.5	21.4	20.0	19.8	19.8	19.8	21.9	21.7
8/26/2013	8	21.5	21.4	20.1	19.8	19.8	19.8	21.8	21.7
8/26/2013	9	21.5	21.4	20.5	20.0	19.9	20.0	21.8	21.7
8/26/2013	10	21.5	21.5	21.1	20.2	20.0	20.0	21.9	21.7
8/26/2013	11	21.5	21.6	21.8	20.5	20.3	20.3	21.9	21.7
8/26/2013	12	21.6	21.7	22.3	20.7	20.7	20.7	21.9	21.8
8/26/2013	13	21.6	21.7	22.6	21.3	21.3	21.2	22.0	21.8
8/26/2013	14	21.7	21.7	22.5	21.7	21.7	21.6	22.0	21.9
8/26/2013	15	21.7	21.8	22.7	22.2	22.2	22.2	22.0	21.9
8/26/2013	16	21.8	21.8	22.5	22.4	22.4	22.4	22.1	21.9
8/26/2013	17	21.8	21.8	22.1	22.4	22.4	22.4	22.1	21.9
8/26/2013	18	21.8	21.7	21.9	22.3	22.4	22.5	22.1	22.0
8/26/2013	19	21.8	21.7	21.4	22.1	22.1	22.2	22.1	21.9
8/26/2013	20	21.8	21.7	21.2	21.7	21.8	21.9	22.1	21.9
8/26/2013	21	21.8	21.6	20.9	21.5	21.6	21.6	22.1	21.9
8/26/2013	22	21.7	21.6	20.7	21.2	21.3	21.4	22.1	21.9
8/26/2013	23	21.7	21.6	20.5	21.0	21.0	21.1	22.1	21.8
8/26/2013	24	21.7	21.6	20.5	20.7	20.8	20.8	22.1	21.8
8/27/2013	1	21.7	21.6	20.5	20.5	20.6	20.6	22.1	21.9
8/27/2013	2	21.7	21.6	20.5	20.3	20.4	20.4	22.3	21.8
8/27/2013	3	21.6	21.5	20.4	20.2	20.3	20.2	22.4	21.8
8/27/2013	4	21.6	21.5	20.3	20.2	20.2	20.2	22.3	21.6
8/27/2013	5	21.6	21.4	20.2	20.1	20.2	20.1	22.2	21.5
8/27/2013	6	21.6	21.4	20.1	20.0	20.1	20.0	22.1	21.6
8/27/2013	7	21.6	21.4	20.0	19.9	20.0	19.9	22.1	21.7
8/27/2013	8	21.5	21.5	20.2	20.0	19.9	19.9	22.1	21.7
8/27/2013	9	21.5	21.5	20.5	20.0	20.0	20.0	22.0	21.6
8/27/2013	10	21.5	21.5	21.0	20.3	20.1	20.2	22.0	21.7
8/27/2013	11	21.5	21.6	21.8	20.6	20.3	20.6	22.0	21.7
8/27/2013	12	21.5	21.7	22.7	20.8	20.7	20.8	22.0	21.7

2013 Chelan River Temperature Hourly Data - 3rd Quarter

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 R4 Habitat Channel -Logger- (Deg. C)	End of R4 Habitat Channel -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
8/27/2013	13	21.6	21.7	23.2	21.3	21.3	21.1	22.0	21.8
8/27/2013	14	21.7	21.8	23.2	22.1	22.1	21.8	22.0	21.9
8/27/2013	15	21.8	21.8	23.0	22.6	22.6	22.4	22.0	21.9
8/27/2013	16	21.8	21.8	22.9	22.7	22.8	22.9	22.0	21.9
8/27/2013	17	21.8	21.8	22.5	22.8	22.9	22.9	22.0	22.0
8/27/2013	18	21.8	21.8	22.1	22.7	22.8	22.9	22.0	22.0
8/27/2013	19	21.8	21.8	21.8	22.5	22.6	22.6	22.1	22.0
8/27/2013	20	21.8	21.8	21.5	22.2	22.3	22.4	22.1	22.0
8/27/2013	21	21.8	21.7	21.1	21.9	22.0	22.0	22.1	22.0
8/27/2013	22	21.8	21.7	20.9	21.5	21.6	21.7	22.1	22.0
8/27/2013	23	21.8	21.7	20.7	21.2	21.3	21.4	22.3	21.9
8/27/2013	24	21.8	21.7	20.7	20.9	21.0	21.1	22.5	21.9
8/28/2013	1	21.8	21.7	20.7	20.7	20.8	20.8	22.6	21.9
8/28/2013	2	21.8	21.7	20.6	20.6	20.6	20.6	22.5	21.9
8/28/2013	3	21.8	21.6	20.4	20.4	20.5	20.5	22.5	21.7
8/28/2013	4	21.8	21.6	20.3	20.3	20.4	20.3	22.4	21.7
8/28/2013	5	21.7	21.5	20.2	20.2	20.3	20.2	22.3	21.7
8/28/2013	6	21.7	21.5	20.2	20.1	20.2	20.2	22.3	21.8
8/28/2013	7	21.7	21.5	20.2	20.0	20.1	20.1	22.2	21.8
8/28/2013	8	21.6	21.6	20.3	20.1	20.1	20.0	22.2	21.8
8/28/2013	9	21.6	21.6	20.7	20.2	20.1	20.2	22.1	21.8
8/28/2013	10	21.6	21.6	21.3	20.6	20.3	20.5	22.0	21.8
8/28/2013	11	21.6	21.7	22.0	20.9	20.6	20.9	22.0	21.8
8/28/2013	12	21.7	21.7	22.6	21.2	21.0	21.2	22.0	21.9
8/28/2013	13	21.7	21.8	22.9	21.5	21.5	21.5	22.0	21.9
8/28/2013	14	21.8	21.8	23.3	22.1	22.2	22.2	22.0	21.9
8/28/2013	15	21.8	21.9	23.2	22.4	22.5	22.5	22.1	22.0
8/28/2013	16	21.9	21.9	23.0	22.8	22.9	22.8	22.1	22.1
8/28/2013	17	21.9	21.9	22.9	22.9	23.0	23.2	22.1	22.1
8/28/2013	18	21.9	21.9	22.4	22.9	23.0	23.0	22.1	22.1
8/28/2013	19	21.9	21.9	22.0	22.8	22.8	22.9	22.1	22.1
8/28/2013	20	21.9	21.9	21.7	22.5	22.6	22.7	22.2	22.1
8/28/2013	21	21.9	21.9	21.4	22.2	22.3	22.4	22.2	22.1
8/28/2013	22	21.9	21.9	21.2	21.9	22.0	22.1	22.3	22.1
8/28/2013	23	21.9	21.8	21.1	21.6	21.7	21.8	22.5	22.0
8/28/2013	24	21.9	21.8	21.0	21.3	21.4	21.5	22.6	22.0
8/29/2013	1	21.9	21.8	20.9	21.1	21.2	21.2	22.5	22.0
8/29/2013	2	21.9	21.8	20.8	21.0	21.0	21.0	22.5	21.9
8/29/2013	3	21.9	21.7	20.7	20.8	20.9	20.9	22.5	22.0
8/29/2013	4	21.8	21.7	20.7	20.7	20.8	20.8	22.4	21.9
8/29/2013	5	21.8	21.7	20.7	20.7	20.7	20.7	22.4	21.9
8/29/2013	6	21.8	21.7	20.6	20.6	20.7	20.6	22.4	21.9
8/29/2013	7	21.8	21.7	20.6	20.5	20.6	20.5	22.3	21.9
8/29/2013	8	21.8	21.7	20.7	20.5	20.6	20.5	22.3	21.9
8/29/2013	9	21.8	21.7	20.9	20.6	20.6	20.6	22.3	21.9
8/29/2013	10	21.8	21.7	21.2	20.8	20.7	20.8	22.2	21.9

2013 Chelan River Temperature Hourly Data - 3rd Quarter

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 R4 Habitat Channel -Logger- (Deg. C)	End of R4 Habitat Channel -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
8/29/2013	11	21.8	21.8	21.7	21.1	20.9	21.0	22.2	21.9
8/29/2013	12	21.8	21.9	22.4	21.4	21.2	21.5	22.2	21.9
8/29/2013	13	21.8	21.7	22.5	21.3	21.4	21.5	22.2	21.9
8/29/2013	14	21.9	21.8	22.4	22.0	22.0	21.8	22.1	22.0
8/29/2013	15	21.9	21.9	22.9	22.4	22.4	22.7	22.1	22.1
8/29/2013	16	21.9	21.9	23.1	22.5	22.6	22.9	22.1	22.1
8/29/2013	17	21.9	21.9	23.1	22.7	22.8	22.9	22.1	22.1
8/29/2013	18	22.0	21.9	22.8	22.8	22.9	22.9	22.2	22.1
8/29/2013	19	22.0	21.9	22.2	22.7	22.8	22.8	22.2	22.1
8/29/2013	20	21.9	21.8	21.7	22.5	22.6	22.6	22.2	22.1
8/29/2013	21	21.9	21.8	21.2	22.3	22.4	22.4	22.2	22.1
8/29/2013	22	21.9	21.8	20.9	21.9	22.0	22.1	22.2	22.0
8/29/2013	23	21.9	21.7	20.8	21.5	21.6	21.7	22.4	22.0
8/29/2013	24	21.9	21.7	20.7	21.1	21.2	21.3	22.6	21.9
8/30/2013	1	21.9	21.7	20.6	20.8	20.9	21.0	22.6	21.9
8/30/2013	2	21.8	21.7	20.6	20.6	20.7	20.7	22.6	21.9
8/30/2013	3	21.8	21.6	20.5	20.5	20.6	20.5	22.5	21.8
8/30/2013	4	21.8	21.6	20.4	20.4	20.5	20.4	22.4	21.7
8/30/2013	5	21.8	21.6	20.3	20.3	20.4	20.3	22.4	21.7
8/30/2013	6	21.8	21.5	20.2	20.2	20.3	20.2	22.3	21.9
8/30/2013	7	21.7	21.5	20.2	20.1	20.2	20.1	22.3	21.9
8/30/2013	8	21.7	21.6	20.3	20.2	20.2	20.1	22.2	21.8
8/30/2013	9	21.7	21.6	20.8	20.4	20.2	20.3	22.2	21.8
8/30/2013	10	21.7	21.6	21.3	20.5	20.3	20.5	22.2	21.8
8/30/2013	11	21.7	21.8	22.0	20.7	20.5	20.7	22.2	21.8
8/30/2013	12	21.7	21.8	22.6	21.1	20.9	21.0	22.1	21.9
8/30/2013	13	21.8	21.8	23.3	21.7	21.6	21.6	22.1	22.0
8/30/2013	14	21.8	21.8	23.6	22.3	22.2	22.2	22.1	22.1
8/30/2013	15	21.9	21.9	23.6	22.6	22.7	22.7	22.1	22.1
8/30/2013	16	22.0	21.9	23.4	22.9	23.1	23.1	22.1	22.2
8/30/2013	17	22.0	21.9	23.0	23.1	23.2	23.2	22.2	22.2
8/30/2013	18	22.0	21.9	22.5	23.1	23.2	23.1	22.2	22.2
8/30/2013	19	22.0	21.9	21.9	22.8	22.9	22.9	22.2	22.2
8/30/2013	20	22.0	21.8	21.5	22.5	22.6	22.6	22.2	22.1
8/30/2013	21	22.0	21.8	21.0	22.1	22.2	22.3	22.2	22.1
8/30/2013	22	21.9	21.7	20.6	21.6	21.7	21.8	22.4	22.1
8/30/2013	23	21.9	21.7	20.4	21.2	21.3	21.3	22.5	21.9
8/30/2013	24	21.9	21.7	20.2	20.7	20.9	21.0	22.5	21.9
8/31/2013	1	21.8	21.6	20.1	20.4	20.5	20.6	22.4	21.8
8/31/2013	2	21.8	21.6	20.1	20.1	20.2	20.2	22.4	21.8
8/31/2013	3	21.8	21.5	20.0	19.9	20.0	20.0	22.4	21.8
8/31/2013	4	21.8	21.5	19.9	19.7	19.8	19.8	22.3	21.6
8/31/2013	5	21.8	21.4	19.8	19.6	19.7	19.6	22.3	21.7
8/31/2013	6	21.7	21.4	19.8	19.5	19.6	19.5	22.3	21.9
8/31/2013	7	21.7	21.3	19.7	19.5	19.5	19.4	22.2	21.8
8/31/2013	8	21.6	21.4	19.8	19.5	19.5	19.4	22.2	21.8

2013 Chelan River Temperature Hourly Data - 3rd Quarter

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 R4 Habitat Channel -Logger- (Deg. C)	End of R4 Habitat Channel -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
8/31/2013	9	21.6	21.4	20.2	19.7	19.6	19.6	22.1	21.7
8/31/2013	10	21.6	21.4	20.8	19.8	19.7	19.8	22.1	21.7
8/31/2013	11	21.6	21.6	21.5	20.2	19.9	20.1	22.0	21.7
8/31/2013	12	21.6	21.6	22.4	20.6	20.3	20.5	22.0	21.8
8/31/2013	13	21.7	21.7	23.3	21.2	21.1	21.2	22.0	21.8
8/31/2013	14	21.7	21.7	23.8	22.0	21.9	22.0	22.0	21.9
8/31/2013	15	21.8	21.8	24.0	22.6	22.7	22.7	22.0	22.0
8/31/2013	16	21.9	21.9	23.9	23.2	23.3	23.4	22.1	22.1
8/31/2013	17	22.0	21.9	23.5	23.5	23.6	23.7	22.1	22.1
8/31/2013	18	22.0	22.0	23.0	23.6	23.7	23.7	22.2	22.2
8/31/2013	19	22.1	22.0	22.3	23.3	23.4	23.5	22.2	22.2
8/31/2013	20	22.1	22.0	21.9	22.9	23.1	23.1	22.3	22.2
8/31/2013	21	22.1	21.9	21.4	22.6	22.7	22.8	22.3	22.2
8/31/2013	22	22.1	21.9	21.1	22.1	22.2	22.3	22.5	22.2
8/31/2013	23	22.0	21.8	20.8	21.7	21.7	21.8	22.6	22.0
8/31/2013	24	22.0	21.8	20.7	21.2	21.3	21.4	22.6	22.0
9/1/2013	1	22.0	21.7	20.6	20.9	21.0	21.0	22.6	21.8
9/1/2013	2	22.0	21.7	20.4	20.6	20.7	20.7	22.6	21.8
9/1/2013	3	22.0	21.7	20.3	20.4	20.5	20.5	22.6	21.9
9/1/2013	4	21.9	21.6	20.2	20.2	20.3	20.3	22.6	21.8
9/1/2013	5	21.9	21.6	20.1	20.0	20.2	20.1	22.6	21.8
9/1/2013	6	21.9	21.5	20.0	19.9	20.0	19.9	22.6	21.7
9/1/2013	7	21.9	21.5	20.0	19.8	19.9	19.8	22.6	21.7
9/1/2013	8	21.8	21.6	20.1	19.9	19.8	19.8	22.6	21.6
9/1/2013	9	21.8	21.7	20.5	20.0	19.9	19.9	22.7	21.7
9/1/2013	10	21.8	21.7	21.1	20.3	20.0	20.2	22.8	21.8
9/1/2013	11	21.8	21.9	21.8	20.5	20.3	20.5	22.9	22.0
9/1/2013	12	21.9	21.9	22.7	20.8	20.7	20.9	23.0	22.4
9/1/2013	13	21.9	21.9	23.5	21.6	21.4	21.5	23.1	22.4
9/1/2013	14	21.9	22.0	24.1	22.3	22.3	22.4	23.2	22.8
9/1/2013	15	22.0	22.0	24.3	23.0	23.1	23.2	23.2	23.5
9/1/2013	16	22.0	22.1	24.3	23.5	23.7	23.8	23.2	23.3
9/1/2013	17	22.0	22.0	24.0	23.9	24.0	24.1	23.1	22.8
9/1/2013	18	22.0	22.0	23.5	24.0	24.1	24.1	23.1	22.8
9/1/2013	19	22.0	22.0	22.8	23.8	23.9	24.0	23.0	21.8
9/1/2013	20	22.0	22.0	22.2	23.5	23.6	23.7	22.9	20.5
9/1/2013	21	22.0	21.9	21.6	23.1	23.2	23.3	22.9	19.7
9/1/2013	22	22.0	21.9	21.3	22.5	22.6	22.8	22.8	19.1
9/1/2013	23	22.0	21.9	21.0	22.0	22.1	22.3	22.8	19.5
9/1/2013	24	22.0	21.9	20.9	21.5	21.6	21.8	22.7	19.8
9/2/2013	1	22.0	21.9	20.7	21.2	21.2	21.3	22.7	21.9
9/2/2013	2	22.0	21.8	20.7	20.9	21.0	21.0	22.6	21.4
9/2/2013	3	22.0	21.8	20.6	20.7	20.8	20.8	22.6	21.1
9/2/2013	4	22.0	21.7	20.5	20.5	20.6	20.6	22.6	21.6
9/2/2013	5	21.9	21.7	20.4	20.4	20.5	20.4	22.5	21.7
9/2/2013	6	21.9	21.6	20.3	20.3	20.4	20.3	22.5	21.0

2013 Chelan River Temperature Hourly Data - 3rd Quarter

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 R4 Habitat Channel -Logger- (Deg. C)	End of R4 Habitat Channel -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
9/2/2013	7	21.8	21.5	20.3	20.2	20.3	20.2	22.4	21.5
9/2/2013	8	21.8	21.6	20.3	20.2	20.2	20.2	22.5	21.5
9/2/2013	9	21.8	21.6	20.7	20.4	20.3	20.3	22.6	21.5
9/2/2013	10	21.7	21.6	21.1	20.5	20.3	20.5	22.7	21.4
9/2/2013	11	21.6	21.7	21.6	20.5	20.5	20.6	22.7	21.6
9/2/2013	12	21.5	21.6	22.4	21.2	20.9	21.1	22.8	20.9
9/2/2013	13	21.4	21.6	23.0	21.7	21.6	21.8	22.9	21.9
9/2/2013	14	21.4	21.6	23.7	22.2	22.2	22.4	23.0	22.3
9/2/2013	15	21.4	21.5	24.0	22.7	22.8	22.9	23.0	22.5
9/2/2013	16	21.4	21.5	24.0	23.3	23.4	23.4	23.1	22.5
9/2/2013	17	21.4	21.5	23.7	23.6	23.7	23.7	23.2	23.4
9/2/2013	18	21.4	21.4	23.0	23.7	23.8	23.8	23.3	23.3
9/2/2013	19	21.4	21.4	22.3	23.5	23.6	23.6	23.2	22.8
9/2/2013	20	21.4	21.3	21.7	23.2	23.3	23.3	23.1	22.5
9/2/2013	21	21.4	21.3	21.3	22.8	22.9	23.0	23.0	22.3
9/2/2013	22	21.4	21.3	21.0	22.3	22.3	22.5	22.9	22.1
9/2/2013	23	21.4	21.3	20.8	21.7	21.8	22.0	22.9	22.1
9/2/2013	24	21.4	21.3	20.6	21.3	21.4	21.5	22.8	22.1
9/3/2013	1	21.4	21.2	20.5	21.0	21.1	21.2	22.7	22.0
9/3/2013	2	21.4	21.2	20.5	20.8	20.8	20.9	22.6	21.9
9/3/2013	3	21.3	21.2	20.4	20.6	20.7	20.7	22.5	21.8
9/3/2013	4	21.3	21.2	20.3	20.5	20.5	20.5	22.5	21.8
9/3/2013	5	21.3	21.2	20.3	20.3	20.4	20.4	22.4	21.8
9/3/2013	6	21.4	21.2	20.2	20.2	20.3	20.3	22.3	21.8
9/3/2013	7	21.4	21.2	20.2	20.2	20.3	20.2	21.9	21.8
9/3/2013	8	21.4	21.2	20.3	20.3	20.3	20.2	21.8	21.7
9/3/2013	9	21.1	21.1	20.5	20.2	20.2	20.3	21.7	21.3
9/3/2013	10	20.9	21.0	21.0	20.4	20.4	20.4	21.6	21.1
9/3/2013	11	20.8	21.0	21.7	20.9	20.7	20.9	21.4	21.0
9/3/2013	12	20.8	20.9	22.4	21.2	21.0	21.3	21.3	21.0
9/3/2013	13	20.9	21.0	23.2	21.7	21.6	21.7	21.2	21.1
9/3/2013	14	20.9	21.0	23.7	22.4	22.3	22.4	21.3	21.2
9/3/2013	15	20.9	21.0	23.7	22.9	23.0	23.0	21.4	21.4
9/3/2013	16	20.9	21.0	23.2	23.3	23.4	23.4	21.5	21.5
9/3/2013	17	21.0	21.0	22.8	23.4	23.6	23.7	21.7	21.7
9/3/2013	18	21.3	21.2	22.2	23.4	23.5	23.5	21.8	21.9
9/3/2013	19	21.4	21.4	21.8	23.1	23.2	23.3	21.9	22.1
9/3/2013	20	21.5	21.4	21.3	22.7	22.8	22.9	22.1	22.1
9/3/2013	21	21.6	21.5	20.9	22.3	22.3	22.5	22.2	22.2
9/3/2013	22	21.6	21.5	20.6	21.8	21.8	22.0	22.3	22.2
9/3/2013	23	22.0	21.7	20.4	21.3	21.4	21.6	22.3	22.3
9/3/2013	24	22.1	21.9	20.2	20.9	21.0	21.1	22.3	22.3
9/4/2013	1	22.0	21.9	20.2	20.6	20.7	20.7	22.3	22.2
9/4/2013	2	21.9	21.8	20.4	20.4	20.4	20.5	22.4	22.2
9/4/2013	3	22.0	21.8	20.5	20.2	20.3	20.3	22.4	22.2
9/4/2013	4	22.0	21.9	20.5	20.2	20.2	20.2	22.4	22.2

2013 Chelan River Temperature Hourly Data - 3rd Quarter

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 R4 Habitat Channel -Logger- (Deg. C)	End of R4 Habitat Channel -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
9/4/2013	5	22.0	21.9	20.5	20.1	20.2	20.2	22.4	22.1
9/4/2013	6	22.0	21.9	20.6	20.3	20.3	20.2	22.4	22.2
9/4/2013	7	22.0	21.9	20.7	20.3	20.4	20.3	22.4	22.2
9/4/2013	8	22.0	22.0	20.8	20.4	20.4	20.4	22.4	22.1
9/4/2013	9	22.0	21.9	21.0	20.5	20.5	20.5	22.4	22.1
9/4/2013	10	22.0	22.0	21.4	20.7	20.7	20.7	22.4	22.1
9/4/2013	11	22.0	22.1	22.0	21.1	20.9	21.1	22.4	22.2
9/4/2013	12	22.0	22.2	22.8	21.5	21.3	21.6	22.4	22.2
9/4/2013	13	22.1	22.2	23.5	22.0	21.8	22.0	22.4	22.3
9/4/2013	14	22.1	22.3	24.1	22.7	22.5	22.6	22.4	22.4
9/4/2013	15	22.2	22.3	24.5	23.1	23.2	23.3	22.5	22.4
9/4/2013	16	22.3	22.4	24.5	23.6	23.8	23.8	22.6	22.6
9/4/2013	17	22.5	22.6	24.2	24.0	24.2	24.1	22.6	22.7
9/4/2013	18	22.6	22.7	23.7	24.2	24.3	24.3	22.7	22.7
9/4/2013	19	22.6	22.6	23.1	24.1	24.2	24.2	22.7	22.7
9/4/2013	20	22.6	22.6	22.6	23.9	24.0	24.0	22.8	22.8
9/4/2013	21	22.6	22.6	22.2	23.5	23.6	23.7	22.9	22.8
9/4/2013	22	22.6	22.6	21.8	23.0	23.1	23.3	22.9	22.7
9/4/2013	23	22.6	22.5	21.6	22.6	22.6	22.8	22.9	22.7
9/4/2013	24	22.6	22.5	21.5	22.2	22.3	22.4	22.9	22.6
9/5/2013	1	22.5	22.5	21.4	21.8	21.9	22.0	22.8	22.6
9/5/2013	2	22.5	22.5	21.4	21.6	21.7	21.7	22.8	22.6
9/5/2013	3	22.5	22.4	21.4	21.5	21.5	21.6	22.8	22.6
9/5/2013	4	22.5	22.4	21.4	21.4	21.4	21.4	22.8	22.6
9/5/2013	5	22.4	22.3	21.4	21.3	21.4	21.3	22.8	22.5
9/5/2013	6	22.3	22.3	21.3	21.2	21.3	21.3	22.8	22.5
9/5/2013	7	22.3	22.2	21.2	21.2	21.3	21.2	22.7	22.4
9/5/2013	8	22.2	22.2	21.3	21.2	21.3	21.3	22.7	22.3
9/5/2013	9	22.2	22.2	21.4	21.3	21.3	21.3	22.6	22.3
9/5/2013	10	22.2	22.2	21.7	21.4	21.4	21.5	22.6	22.3
9/5/2013	11	22.1	22.2	22.1	21.7	21.5	21.7	22.6	22.5
9/5/2013	12	22.2	22.2	22.5	21.7	21.7	21.8	22.5	22.3
9/5/2013	13	22.2	22.3	22.8	22.0	21.9	22.0	22.5	22.3
9/5/2013	14	22.2	22.4	23.4	22.4	22.4	22.5	22.5	22.3
9/5/2013	15	22.3	22.4	23.7	22.7	22.7	22.8	22.5	22.4
9/5/2013	16	22.3	22.5	23.6	23.0	23.1	23.0	22.5	22.4
9/5/2013	17	22.4	22.5	23.4	23.4	23.4	23.4	22.6	22.4
9/5/2013	18	22.4	22.5	23.1	23.5	23.6	23.5	22.6	22.5
9/5/2013	19	22.4	22.5	22.6	23.4	23.5	23.5	22.6	22.5
9/5/2013	20	22.4	22.5	22.3	23.3	23.3	23.3	22.7	22.5
9/5/2013	21	22.4	22.5	22.0	23.0	23.0	23.1	22.7	22.5
9/5/2013	22	22.4	22.3	21.5	22.4	22.4	22.5	22.7	22.5
9/5/2013	23	22.4	22.3	21.4	22.2	22.2	22.2	22.7	22.4
9/5/2013	24	22.4	22.3	21.2	21.8	21.8	21.9	22.7	22.4
9/6/2013	1	22.4	22.3	21.1	21.5	21.5	21.5	22.7	22.4
9/6/2013	2	22.4	22.3	21.0	21.2	21.3	21.2	22.7	22.4

2013 Chelan River Temperature Hourly Data - 3rd Quarter

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 R4 Habitat Channel -Logger- (Deg. C)	End of R4 Habitat Channel -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
9/6/2013	3	22.3	22.3	21.1	21.1	21.1	21.1	22.7	22.3
9/6/2013	4	22.3	22.3	21.0	20.9	21.0	20.9	22.7	22.3
9/6/2013	5	22.3	22.2	20.9	20.8	20.9	20.8	22.7	22.3
9/6/2013	6	22.3	22.2	20.9	20.8	20.8	20.7	22.7	22.3
9/6/2013	7	22.3	22.2	20.9	20.7	20.8	20.7	22.6	22.4
9/6/2013	8	22.3	22.2	20.9	20.7	20.7	20.6	22.5	22.4
9/6/2013	9	22.3	22.2	21.0	20.7	20.7	20.7	22.4	22.4
9/6/2013	10	22.3	22.2	21.2	20.8	20.8	20.8	22.4	22.3
9/6/2013	11	22.3	22.2	21.6	20.9	20.8	20.9	22.3	22.3
9/6/2013	12	22.1	22.1	21.6	21.1	21.0	21.0	22.2	22.0
9/6/2013	13	21.6	21.8	21.9	21.3	21.2	21.4	22.1	21.7
9/6/2013	14	21.2	21.4	22.3	21.5	21.5	21.6	21.9	21.4
9/6/2013	15	21.0	21.1	23.0	21.7	21.8	22.1	21.8	21.2
9/6/2013	16	20.8	20.9	23.1	21.8	22.0	22.3	21.6	21.1
9/6/2013	17	20.8	20.8	22.6	22.2	22.3	22.2	21.4	21.0
9/6/2013	18	20.8	20.8	22.1	22.5	22.6	22.4	21.3	21.0
9/6/2013	19	20.8	20.7	21.6	22.5	22.6	22.5	21.3	21.0
9/6/2013	20	20.8	20.7	21.0	22.3	22.3	22.3	21.3	21.1
9/6/2013	21	20.8	20.7	20.5	21.9	21.9	21.9	21.3	21.2
9/6/2013	22	21.0	20.8	20.2	21.5	21.4	21.5	21.4	21.3
9/6/2013	23	21.1	20.9	19.9	21.0	21.0	21.1	21.4	21.3
9/6/2013	24	21.0	20.8	19.8	20.6	20.6	20.7	21.4	21.3
9/7/2013	1	21.0	20.8	19.8	20.2	20.2	20.2	21.4	21.2
9/7/2013	2	20.8	20.7	19.8	19.9	19.9	19.9	21.5	21.1
9/7/2013	3	20.7	20.6	19.8	19.7	19.8	19.7	21.4	21.0
9/7/2013	4	20.6	20.5	19.8	19.7	19.7	19.6	21.3	21.0
9/7/2013	5	20.6	20.5	19.8	19.6	19.7	19.6	21.2	20.9
9/7/2013	6	20.6	20.4	19.7	19.6	19.7	19.6	21.1	20.8
9/7/2013	7	20.6	20.4	19.7	19.6	19.6	19.5	21.0	20.8
9/7/2013	8	20.7	20.5	19.6	19.6	19.6	19.5	20.9	20.7
9/7/2013	9	20.6	20.4	19.6	19.6	19.6	19.5	20.9	20.6
9/7/2013	10	20.6	20.4	19.6	19.6	19.6	19.5	20.8	20.5
9/7/2013	11	20.4	20.3	19.7	19.5	19.5	19.5	20.7	20.4
9/7/2013	12	20.4	20.3	19.9	19.6	19.6	19.6	20.7	20.4
9/7/2013	13	20.4	20.3	20.1	19.7	19.7	19.7	20.7	20.3
9/7/2013	14	20.3	20.3	20.2	19.8	19.7	19.7	20.6	20.3
9/7/2013	15	20.3	20.2	20.3	19.9	19.9	19.9	20.6	20.2
9/7/2013	16	20.3	20.2	20.7	20.2	20.2	20.5	20.6	20.3
9/7/2013	17	20.3	20.2	20.7	20.3	20.3	20.4	20.5	20.3
9/7/2013	18	20.3	20.2	20.7	20.4	20.5	20.4	20.5	20.3
9/7/2013	19	20.3	20.2	20.6	20.5	20.6	20.5	20.5	20.3
9/7/2013	20	20.3	20.2	20.2	20.5	20.5	20.4	20.5	20.2
9/7/2013	21	20.3	20.1	19.8	20.4	20.4	20.4	20.5	20.2
9/7/2013	22	20.2	20.0	19.5	20.2	20.3	20.2	20.5	20.2
9/7/2013	23	20.2	20.0	19.3	20.0	20.0	20.0	20.5	20.2
9/7/2013	24	20.2	19.9	19.2	19.7	19.7	19.7	20.4	20.2

2013 Chelan River Temperature Hourly Data - 3rd Quarter

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 R4 Habitat Channel -Logger- (Deg. C)	End of R4 Habitat Channel -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
9/8/2013	1	20.2	19.9	19.1	19.4	19.4	19.4	20.4	20.2
9/8/2013	2	20.1	19.9	19.0	19.2	19.2	19.2	20.4	20.1
9/8/2013	3	20.1	19.8	18.9	19.0	19.0	19.0	20.4	20.1
9/8/2013	4	20.1	19.8	18.8	18.9	18.9	18.8	20.4	20.1
9/8/2013	5	20.1	19.8	18.7	18.7	18.8	18.7	20.4	20.1
9/8/2013	6	20.1	19.8	18.7	18.6	18.7	18.6	20.4	20.1
9/8/2013	7	20.1	19.7	18.6	18.5	18.6	18.5	20.4	20.0
9/8/2013	8	20.1	19.8	18.7	18.5	18.5	18.4	20.4	20.0
9/8/2013	9	20.1	19.9	19.1	18.7	18.6	18.6	20.4	20.1
9/8/2013	10	20.1	19.9	19.7	18.9	18.7	18.8	20.4	20.1
9/8/2013	11	20.1	20.1	20.4	19.1	18.9	19.1	20.5	20.1
9/8/2013	12	20.1	20.2	21.2	19.4	19.3	19.5	20.6	20.2
9/8/2013	13	20.2	20.2	22.0	20.0	20.0	20.1	20.7	20.3
9/8/2013	14	20.2	20.2	22.6	20.7	20.8	20.8	20.8	20.3
9/8/2013	15	20.3	20.3	22.9	21.3	21.5	21.5	20.8	20.5
9/8/2013	16	20.3	20.4	22.9	21.9	22.2	22.2	20.9	20.7
9/8/2013	17	20.4	20.4	22.6	22.4	22.6	22.5	21.0	20.8
9/8/2013	18	20.4	20.4	22.0	22.7	22.8	22.7	21.1	20.9
9/8/2013	19	20.4	20.4	21.4	22.6	22.6	22.6	21.2	21.0
9/8/2013	20	20.5	20.5	20.8	22.3	22.3	22.4	21.2	21.1
9/8/2013	21	20.6	20.6	20.4	22.0	21.9	22.1	21.3	21.2
9/8/2013	22	20.7	20.7	20.1	21.4	21.4	21.6	21.3	21.2
9/8/2013	23	20.9	20.8	19.9	21.0	20.9	21.1	21.4	21.2
9/8/2013	24	21.1	20.9	19.8	20.6	20.5	20.6	21.5	21.3
9/9/2013	1	21.2	21.1	19.7	20.2	20.2	20.2	21.5	21.3
9/9/2013	2	21.3	21.2	19.7	19.9	19.9	19.9	21.6	21.3
9/9/2013	3	21.3	21.1	19.6	19.7	19.7	19.7	21.5	21.3
9/9/2013	4	21.3	21.1	19.5	19.6	19.6	19.5	21.5	21.3
9/9/2013	5	21.2	21.1	19.5	19.5	19.5	19.4	21.5	21.3
9/9/2013	6	21.2	21.0	19.6	19.4	19.4	19.3	21.5	21.3
9/9/2013	7	21.2	21.0	19.6	19.2	19.3	19.2	21.5	21.3
9/9/2013	8	21.2	21.0	19.7	19.3	19.3	19.2	21.5	21.3
9/9/2013	9	21.2	21.1	20.1	19.6	19.4	19.4	21.5	21.2
9/9/2013	10	21.2	21.1	20.6	19.8	19.6	19.7	21.5	21.2
9/9/2013	11	21.2	21.3	21.3	20.0	19.8	20.0	21.6	21.3
9/9/2013	12	21.2	21.4	22.1	20.3	20.2	20.4	21.6	21.4
9/9/2013	13	21.3	21.4	22.9	20.8	20.8	20.9	21.7	21.4
9/9/2013	14	21.4	21.5	23.5	21.5	21.7	21.7	21.8	21.5
9/9/2013	15	21.4	21.6	23.8	22.2	22.5	22.5	21.9	21.6
9/9/2013	16	21.7	21.7	23.8	22.8	23.1	23.1	21.9	21.7
9/9/2013	17	21.8	21.8	23.4	23.3	23.4	23.4	22.0	21.8
9/9/2013	18	21.9	21.9	22.8	23.5	23.6	23.5	22.0	21.9
9/9/2013	19	21.8	21.8	22.2	23.4	23.4	23.4	22.1	21.9
9/9/2013	20	21.8	21.8	21.7	23.0	23.0	23.1	22.1	21.9
9/9/2013	21	21.9	21.8	21.3	22.6	22.6	22.7	22.1	22.0
9/9/2013	22	21.9	21.8	21.0	22.2	22.1	22.3	22.1	22.0

2013 Chelan River Temperature Hourly Data - 3rd Quarter

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 R4 Habitat Channel -Logger- (Deg. C)	End of R4 Habitat Channel -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
9/9/2013	23	21.9	21.9	20.7	21.7	21.6	21.8	22.1	22.0
9/9/2013	24	21.9	21.8	20.6	21.3	21.2	21.3	22.1	22.0
9/10/2013	1	21.9	21.8	20.5	20.9	20.9	21.0	22.1	21.9
9/10/2013	2	21.9	21.7	20.4	20.6	20.6	20.7	22.1	21.9
9/10/2013	3	21.8	21.6	20.3	20.4	20.4	20.4	22.1	21.8
9/10/2013	4	21.8	21.6	20.2	20.2	20.3	20.2	22.1	21.8
9/10/2013	5	21.7	21.5	20.1	20.1	20.1	20.1	22.0	21.8
9/10/2013	6	21.7	21.5	20.0	20.0	20.0	19.9	22.0	21.8
9/10/2013	7	21.7	21.4	20.0	19.8	19.9	19.8	22.0	21.7
9/10/2013	8	21.6	21.5	20.0	19.8	19.8	19.8	22.0	21.7
9/10/2013	9	21.6	21.5	20.4	20.0	19.9	19.9	22.0	21.7
9/10/2013	10	21.6	21.6	20.9	20.2	20.0	20.2	22.0	21.7
9/10/2013	11	21.6	21.7	21.7	20.4	20.2	20.4	22.0	21.7
9/10/2013	12	21.7	21.8	22.5	20.6	20.5	20.7	22.1	21.8
9/10/2013	13	21.8	21.8	23.3	21.2	21.2	21.3	22.2	21.8
9/10/2013	14	21.8	21.9	23.8	21.9	22.0	22.1	22.2	21.9
9/10/2013	15	22.0	22.1	24.1	22.5	22.8	22.8	22.3	22.0
9/10/2013	16	22.1	22.2	24.1	23.1	23.4	23.4	22.3	22.1
9/10/2013	17	22.1	22.1	23.8	23.4	23.7	23.7	22.4	22.2
9/10/2013	18	22.1	22.1	23.1	23.7	23.9	23.8	22.5	22.3
9/10/2013	19	22.2	22.2	22.6	23.6	23.6	23.6	22.5	22.3
9/10/2013	20	22.2	22.2	22.0	23.3	23.3	23.4	22.5	22.4
9/10/2013	21	22.3	22.2	21.5	22.9	22.9	23.0	22.5	22.4
9/10/2013	22	22.3	22.3	21.2	22.4	22.4	22.5	22.5	22.4
9/10/2013	23	22.4	22.3	21.0	22.0	21.9	22.1	22.5	22.4
9/10/2013	24	22.4	22.2	20.9	21.5	21.5	21.6	22.5	22.4
9/11/2013	1	22.3	22.2	20.8	21.2	21.1	21.2	22.5	22.3
9/11/2013	2	22.3	22.1	20.7	20.8	20.9	20.9	22.5	22.2
9/11/2013	3	22.2	22.0	20.6	20.7	20.7	20.6	22.5	22.2
9/11/2013	4	22.2	22.0	20.5	20.5	20.5	20.5	22.4	22.2
9/11/2013	5	22.1	21.9	20.4	20.3	20.4	20.3	22.4	22.2
9/11/2013	6	22.1	21.9	20.3	20.2	20.3	20.2	22.4	22.2
9/11/2013	7	22.1	21.8	20.2	20.1	20.2	20.1	22.4	22.1
9/11/2013	8	22.0	21.9	20.3	20.0	20.1	20.0	22.3	22.1
9/11/2013	9	22.0	21.9	20.7	20.3	20.2	20.2	22.3	22.1
9/11/2013	10	22.0	22.0	21.2	20.5	20.3	20.4	22.3	22.1
9/11/2013	11	22.0	22.1	22.0	20.6	20.5	20.7	22.4	22.1
9/11/2013	12	22.1	22.2	22.8	20.9	20.8	21.0	22.4	22.2
9/11/2013	13	22.2	22.3	23.6	21.4	21.5	21.6	22.5	22.3
9/11/2013	14	22.2	22.4	24.1	22.2	22.3	22.4	22.6	22.3
9/11/2013	15	22.4	22.5	24.4	22.8	23.1	23.1	22.6	22.4
9/11/2013	16	22.5	22.6	24.3	23.3	23.7	23.7	22.7	22.5
9/11/2013	17	22.5	22.6	24.0	23.9	24.1	24.1	22.7	22.6
9/11/2013	18	22.5	22.5	23.4	24.1	24.2	24.1	22.8	22.6
9/11/2013	19	22.5	22.5	22.8	24.0	24.0	24.0	22.8	22.6
9/11/2013	20	22.5	22.5	22.3	23.6	23.6	23.7	22.8	22.6

2013 Chelan River Temperature Hourly Data - 3rd Quarter

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 R4 Habitat Channel -Logger- (Deg. C)	End of R4 Habitat Channel -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
9/11/2013	21	22.5	22.4	21.9	23.2	23.2	23.3	22.8	22.6
9/11/2013	22	22.5	22.4	21.5	22.8	22.7	22.8	22.7	22.6
9/11/2013	23	22.5	22.4	21.4	22.3	22.2	22.4	22.7	22.6
9/11/2013	24	22.4	22.3	21.2	21.8	21.8	21.9	22.7	22.5
9/12/2013	1	22.4	22.3	21.1	21.5	21.5	21.5	22.7	22.5
9/12/2013	2	22.4	22.3	21.0	21.2	21.2	21.2	22.7	22.4
9/12/2013	3	22.4	22.2	20.8	21.0	21.0	21.0	22.6	22.4
9/12/2013	4	22.4	22.2	20.7	20.8	20.8	20.8	22.5	22.3
9/12/2013	5	22.3	22.1	20.6	20.7	20.7	20.6	22.5	22.3
9/12/2013	6	22.3	22.1	20.6	20.5	20.5	20.5	22.4	22.2
9/12/2013	7	22.2	22.0	20.5	20.4	20.4	20.3	22.3	22.1
9/12/2013	8	22.1	22.0	20.5	20.3	20.3	20.2	22.3	22.0
9/12/2013	9	22.0	21.9	20.9	20.5	20.4	20.4	22.2	22.0
9/12/2013	10	21.9	21.9	21.5	20.7	20.5	20.7	22.2	21.9
9/12/2013	11	21.9	22.0	22.2	20.9	20.7	20.9	22.2	21.9
9/12/2013	12	21.9	22.1	23.0	21.2	21.1	21.3	22.3	21.9
9/12/2013	13	21.8	22.0	23.7	21.7	21.7	21.8	22.3	22.0
9/12/2013	14	21.9	22.0	24.1	22.4	22.6	22.6	22.4	22.1
9/12/2013	15	21.8	22.0	24.4	23.0	23.3	23.4	22.4	22.1
9/12/2013	16	21.9	22.0	24.4	23.5	23.9	23.9	22.5	22.3
9/12/2013	17	21.9	22.0	24.1	24.0	24.2	24.2	22.5	22.3
9/12/2013	18	21.9	22.0	23.4	24.2	24.2	24.2	22.6	22.4
9/12/2013	19	21.9	22.0	22.8	24.0	24.1	24.1	22.6	22.4
9/12/2013	20	22.0	22.0	22.2	23.7	23.8	23.8	22.6	22.5
9/12/2013	21	22.0	22.0	21.7	23.3	23.3	23.4	22.6	22.5
9/12/2013	22	22.0	22.0	21.4	22.8	22.7	22.9	22.6	22.5
9/12/2013	23	22.0	22.0	21.2	22.3	22.2	22.4	22.6	22.4
9/12/2013	24	22.0	21.9	21.1	21.8	21.8	21.9	22.6	22.5
9/13/2013	1	22.0	21.9	21.0	21.5	21.4	21.5	22.6	22.4
9/13/2013	2	22.0	21.9	20.8	21.2	21.2	21.2	22.6	22.4
9/13/2013	3	22.0	21.9	20.7	21.0	21.0	21.0	22.6	22.4
9/13/2013	4	22.0	21.8	20.6	20.8	20.8	20.8	22.5	22.4
9/13/2013	5	22.0	21.8	20.5	20.7	20.7	20.6	22.5	22.3
9/13/2013	6	22.0	21.8	20.5	20.5	20.6	20.5	22.4	22.3
9/13/2013	7	21.9	21.7	20.4	20.4	20.4	20.4	22.4	22.2
9/13/2013	8	22.0	21.8	20.4	20.3	20.3	20.3	22.3	22.1
9/13/2013	9	22.0	21.9	20.8	20.5	20.4	20.4	22.3	22.0
9/13/2013	10	22.0	22.0	21.4	20.7	20.5	20.6	22.2	22.0
9/13/2013	11	22.0	22.1	22.1	20.9	20.7	20.9	22.3	22.0
9/13/2013	12	21.9	22.1	23.0	21.2	21.0	21.2	22.3	22.0
9/13/2013	13	22.0	22.1	23.8	21.6	21.7	21.8	22.4	22.1
9/13/2013	14	21.9	22.1	24.3	22.3	22.5	22.5	22.4	22.2
9/13/2013	15	21.9	22.1	24.5	23.0	23.3	23.3	22.5	22.2
9/13/2013	16	22.0	22.1	24.5	23.6	23.9	23.9	22.5	22.3
9/13/2013	17	21.9	22.1	24.1	24.1	24.3	24.3	22.6	22.4
9/13/2013	18	21.9	22.0	23.4	24.3	24.4	24.3	22.6	22.4

2013 Chelan River Temperature Hourly Data - 3rd Quarter

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 R4 Habitat Channel -Logger- (Deg. C)	End of R4 Habitat Channel -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
9/13/2013	19	22.0	22.0	22.9	24.1	24.1	24.2	22.6	22.4
9/13/2013	20	22.0	22.0	22.3	23.8	23.8	23.9	22.6	22.4
9/13/2013	21	22.0	22.0	21.8	23.4	23.4	23.5	22.7	22.4
9/13/2013	22	21.9	21.9	21.5	22.9	22.9	23.0	22.7	22.5
9/13/2013	23	21.9	21.9	21.2	22.4	22.3	22.5	22.7	22.5
9/13/2013	24	21.9	21.9	21.1	21.9	21.9	22.0	22.7	22.5
9/14/2013	1	21.9	21.8	20.9	21.6	21.5	21.6	22.7	22.5
9/14/2013	2	22.0	21.8	20.8	21.3	21.2	21.3	22.7	22.5
9/14/2013	3	22.0	21.8	20.7	21.0	21.0	21.0	22.6	22.4
9/14/2013	4	21.9	21.8	20.6	20.8	20.8	20.8	22.6	22.4
9/14/2013	5	21.9	21.7	20.5	20.6	20.7	20.6	22.5	22.3
9/14/2013	6	21.9	21.7	20.4	20.5	20.5	20.5	22.4	22.2
9/14/2013	7	21.9	21.7	20.4	20.3	20.4	20.3	22.4	22.1
9/14/2013	8	21.8	21.7	20.4	20.2	20.3	20.2	22.3	22.0
9/14/2013	9	21.9	21.9	20.8	20.5	20.3	20.4	22.3	22.0
9/14/2013	10	21.9	21.9	21.2	20.6	20.4	20.6	22.3	22.1
9/14/2013	11	21.9	22.0	21.9	20.8	20.6	20.8	22.4	22.1
9/14/2013	12	22.1	22.2	22.8	21.1	21.0	21.2	22.5	22.3
9/14/2013	13	22.0	22.2	23.3	21.5	21.5	21.6	22.6	22.3
9/14/2013	14	22.0	22.3	23.9	22.2	22.3	22.3	22.7	22.4
9/14/2013	15	22.1	22.3	24.1	22.8	23.0	23.0	22.7	22.6
9/14/2013	16	22.1	22.3	24.0	23.3	23.5	23.4	22.8	22.7
9/14/2013	17	22.1	22.3	23.6	23.7	23.8	23.7	22.9	22.7
9/14/2013	18	22.2	22.3	23.2	23.9	23.9	23.9	23.0	22.8
9/14/2013	19	22.2	22.3	22.8	23.8	23.8	23.8	23.0	22.8
9/14/2013	20	22.3	22.3	22.3	23.5	23.5	23.5	23.0	22.8
9/14/2013	21	22.4	22.3	21.9	23.2	23.1	23.3	23.0	22.8
9/14/2013	22	22.4	22.4	21.6	22.8	22.7	22.8	23.0	22.8
9/14/2013	23	22.4	22.4	21.4	22.3	22.3	22.4	23.0	22.8
9/14/2013	24	22.4	22.4	21.3	22.0	21.9	22.1	23.0	22.8
9/15/2013	1	22.4	22.4	21.2	21.7	21.6	21.7	23.0	22.8
9/15/2013	2	22.4	22.3	21.2	21.4	21.4	21.4	22.9	22.7
9/15/2013	3	22.3	22.3	21.1	21.2	21.2	21.2	22.9	22.7
9/15/2013	4	22.3	22.2	21.0	21.1	21.1	21.1	22.8	22.5
9/15/2013	5	22.3	22.2	21.0	21.0	21.0	21.0	22.7	22.4
9/15/2013	6	22.2	22.2	20.9	20.9	20.9	20.9	22.7	22.4
9/15/2013	7	22.3	22.2	20.9	20.8	20.9	20.8	22.6	22.3
9/15/2013	8	22.2	22.2	21.0	20.8	20.8	20.8	22.5	22.3
9/15/2013	9	22.2	22.2	21.2	20.9	20.8	20.8	22.5	22.2
9/15/2013	10	22.2	22.2	21.5	21.0	20.9	20.9	22.5	22.2
9/15/2013	11	22.1	22.2	21.9	21.2	21.1	21.1	22.6	22.3
9/15/2013	12	22.1	22.3	22.6	21.6	21.5	21.6	22.7	22.3
9/15/2013	13	22.1	22.3	23.1	21.8	21.7	21.9	22.8	22.4
9/15/2013	14	22.3	22.4	23.6	22.2	22.1	22.3	22.8	22.6
9/15/2013	15	22.4	22.5	23.6	22.5	22.6	22.4	22.9	22.7
9/15/2013	16	22.4	22.5	23.4	23.0	23.1	22.9	23.0	22.8

2013 Chelan River Temperature Hourly Data - 3rd Quarter

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 R4 Habitat Channel -Logger- (Deg. C)	End of R4 Habitat Channel -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
9/15/2013	17	22.5	22.5	23.2	23.2	23.3	23.3	23.1	22.9
9/15/2013	18	22.5	22.5	22.7	23.2	23.2	23.2	23.1	22.9
9/15/2013	19	22.5	22.5	22.4	23.0	23.1	23.1	23.1	22.8
9/15/2013	20	22.5	22.5	22.1	22.8	22.8	22.8	23.0	22.8
9/15/2013	21	22.5	22.5	21.7	22.5	22.5	22.5	23.0	22.8
9/15/2013	22	22.5	22.4	21.4	22.2	22.2	22.2	23.0	22.8
9/15/2013	23	22.5	22.4	21.2	21.9	21.9	21.9	22.9	22.7
9/15/2013	24	22.5	22.3	21.0	21.5	21.5	21.6	22.9	22.6
9/16/2013	1	22.6	22.4	20.9	21.3	21.2	21.3	22.9	22.6
9/16/2013	2	22.5	22.4	20.8	21.0	21.0	21.0	22.8	22.6
9/16/2013	3	22.5	22.3	20.7	20.8	20.9	20.8	22.8	22.5
9/16/2013	4	22.4	22.3	20.7	20.7	20.7	20.7	22.8	22.4
9/16/2013	5	22.4	22.2	20.7	20.5	20.6	20.5	22.7	22.4
9/16/2013	6	22.4	22.2	20.7	20.5	20.5	20.4	22.7	22.4
9/16/2013	7	22.3	22.2	20.7	20.4	20.5	20.4	22.7	22.4
9/16/2013	8	22.3	22.1	20.7	20.4	20.5	20.4	22.6	22.4
9/16/2013	9	22.3	22.2	21.1	20.7	20.6	20.5	22.6	22.3
9/16/2013	10	22.2	22.2	21.5	20.9	20.7	20.8	22.6	22.3
9/16/2013	11	22.2	22.3	22.2	21.1	20.9	21.1	22.6	22.3
9/16/2013	12	22.3	22.3	22.8	21.2	21.1	21.2	22.6	22.3
9/16/2013	13	22.3	22.3	23.3	21.5	21.5	21.5	22.7	22.4
9/16/2013	14	22.4	22.4	23.5	21.9	22.1	22.0	22.7	22.5
9/16/2013	15	22.5	22.4	23.4	22.3	22.6	22.5	22.7	22.5
9/16/2013	16	22.5	22.4	23.2	22.6	22.9	22.8	22.8	22.5
9/16/2013	17	22.5	22.4	22.7	22.9	23.0	22.8	22.8	22.5
9/16/2013	18	22.5	22.3	22.1	22.9	22.9	22.8	22.8	22.6
9/16/2013	19	22.5	22.3	21.7	22.5	22.5	22.4	22.7	22.6
9/16/2013	20	22.4	22.3	21.3	22.1	22.1	22.0	22.7	22.5
9/16/2013	21	22.4	22.2	21.0	21.7	21.7	21.6	22.6	22.4
9/16/2013	22	22.3	22.2	20.7	21.3	21.2	21.2	22.6	22.4
9/16/2013	23	22.3	22.1	20.6	20.9	20.9	20.9	22.6	22.3
9/16/2013	24	22.2	22.0	20.5	20.6	20.6	20.6	22.5	22.3
9/17/2013	1	22.2	22.0	20.5	20.4	20.4	20.3	22.5	22.2
9/17/2013	2	22.1	21.9	20.4	20.2	20.2	20.2	22.5	22.2
9/17/2013	3	22.1	21.9	20.4	20.1	20.2	20.0	22.4	22.1
9/17/2013	4	22.0	21.8	20.3	20.0	20.1	19.9	22.4	22.1
9/17/2013	5	22.0	21.7	20.2	19.9	20.0	19.9	22.4	22.1
9/17/2013	6	22.0	21.7	20.2	19.9	20.0	19.8	22.3	22.0
9/17/2013	7	21.9	21.7	20.1	19.8	19.9	19.8	22.3	22.0
9/17/2013	8	21.9	21.7	20.2	19.8	19.8	19.8	22.2	22.0
9/17/2013	9	21.9	21.7	20.2	19.8	19.8	19.8	22.2	21.9
9/17/2013	10	21.8	21.7	20.6	20.1	20.0	20.0	22.2	21.9
9/17/2013	11	21.8	21.7	20.9	20.2	20.0	20.1	22.2	21.9
9/17/2013	12	21.8	21.8	21.5	20.4	20.3	20.4	22.2	21.9
9/17/2013	13	21.8	21.8	21.8	20.6	20.5	20.5	22.2	21.9
9/17/2013	14	21.9	21.9	22.4	21.0	21.0	21.1	22.3	22.0

2013 Chelan River Temperature Hourly Data - 3rd Quarter

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 R4 Habitat Channel -Logger- (Deg. C)	End of R4 Habitat Channel -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
9/17/2013	15	21.9	21.9	22.3	21.3	21.3	21.2	22.3	22.0
9/17/2013	16	21.9	21.9	22.2	21.6	21.6	21.5	22.3	22.0
9/17/2013	17	21.9	21.9	21.9	21.8	21.8	21.7	22.3	22.0
9/17/2013	18	21.9	21.8	21.5	21.8	21.8	21.7	22.3	22.0
9/17/2013	19	21.9	21.7	21.1	21.6	21.6	21.4	22.2	22.0
9/17/2013	20	21.9	21.7	20.7	21.3	21.3	21.2	22.2	21.9
9/17/2013	21	21.9	21.6	20.4	21.0	21.0	20.9	22.2	21.9
9/17/2013	22	21.8	21.6	20.2	20.7	20.7	20.7	22.1	21.9
9/17/2013	23	21.8	21.5	20.1	20.4	20.4	20.3	22.1	21.8
9/17/2013	24	21.7	21.4	20.0	20.1	20.1	20.0	22.0	21.8
9/18/2013	1	21.7	21.4	19.8	19.8	19.8	19.7	22.0	21.7
9/18/2013	2	21.6	21.4	19.7	19.6	19.7	19.5	22.0	21.7
9/18/2013	3	21.6	21.3	19.7	19.4	19.5	19.3	21.9	21.6
9/18/2013	4	21.6	21.2	19.5	19.2	19.3	19.1	21.9	21.6
9/18/2013	5	21.5	21.2	19.4	19.1	19.2	19.0	21.8	21.5
9/18/2013	6	21.5	21.1	19.4	18.9	19.1	18.9	21.8	21.5
9/18/2013	7	21.4	21.1	19.3	18.9	18.9	18.8	21.7	21.4
9/18/2013	8	21.4	21.1	19.2	18.8	18.9	18.7	21.7	21.4
9/18/2013	9	21.3	21.0	19.5	19.0	18.9	18.7	21.7	21.4
9/18/2013	10	21.3	21.0	20.0	19.2	19.0	19.0	21.7	21.3
9/18/2013	11	21.3	21.2	20.6	19.3	19.1	19.2	21.7	21.3
9/18/2013	12	21.3	21.2	21.3	19.5	19.3	19.5	21.7	21.4
9/18/2013	13	21.3	21.2	22.0	19.8	19.8	19.8	21.7	21.4
9/18/2013	14	21.4	21.3	22.3	20.2	20.5	20.4	21.7	21.5
9/18/2013	15	21.4	21.3	22.5	20.8	21.1	21.1	21.8	21.5
9/18/2013	16	21.4	21.2	22.4	21.2	21.5	21.4	21.8	21.5
9/18/2013	17	21.4	21.2	21.9	21.5	21.7	21.5	21.8	21.5
9/18/2013	18	21.5	21.2	21.2	21.6	21.7	21.5	21.8	21.5
9/18/2013	19	21.4	21.2	20.8	21.5	21.5	21.3	21.7	21.5
9/18/2013	20	21.4	21.2	20.2	21.1	21.2	21.1	21.7	21.5
9/18/2013	21	21.4	21.1	19.8	20.7	20.7	20.7	21.7	21.4
9/18/2013	22	21.3	21.0	19.4	20.2	20.3	20.3	21.6	21.4
9/18/2013	23	21.3	21.0	19.2	19.8	19.8	19.8	21.6	21.3
9/18/2013	24	21.3	20.9	19.1	19.4	19.4	19.4	21.6	21.3
9/19/2013	1	21.2	20.9	19.1	19.1	19.1	19.1	21.5	21.2
9/19/2013	2	21.2	20.8	19.0	18.8	18.8	18.8	21.5	21.2
9/19/2013	3	21.1	20.8	19.0	18.6	18.7	18.6	21.4	21.2
9/19/2013	4	21.1	20.7	18.9	18.4	18.5	18.4	21.4	21.1
9/19/2013	5	21.0	20.6	18.8	18.3	18.5	18.3	21.3	21.1
9/19/2013	6	21.0	20.6	18.7	18.2	18.4	18.2	21.3	21.0
9/19/2013	7	20.9	20.5	18.7	18.2	18.3	18.1	21.3	21.0
9/19/2013	8	20.9	20.5	18.6	18.1	18.2	18.1	21.2	20.9
9/19/2013	9	20.9	20.5	18.9	18.3	18.2	18.1	21.2	20.9
9/19/2013	10	20.8	20.5	19.3	18.5	18.3	18.3	21.2	20.8
9/19/2013	11	20.8	20.6	19.9	18.7	18.4	18.6	21.2	20.9
9/19/2013	12	20.8	20.7	20.6	18.9	18.7	18.8	21.3	20.9

2013 Chelan River Temperature Hourly Data - 3rd Quarter

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 R4 Habitat Channel -Logger- (Deg. C)	End of R4 Habitat Channel -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
9/19/2013	13	20.9	20.8	21.4	19.2	19.2	19.2	21.3	21.0
9/19/2013	14	20.9	20.8	21.9	19.7	19.9	19.9	21.3	21.0
9/19/2013	15	21.0	20.8	22.2	20.3	20.6	20.6	21.4	21.1
9/19/2013	16	21.0	20.9	22.0	20.8	21.1	21.0	21.4	21.1
9/19/2013	17	21.1	20.9	21.7	21.2	21.5	21.4	21.4	21.2
9/19/2013	18	21.1	20.9	21.1	21.4	21.6	21.4	21.4	21.2
9/19/2013	19	21.1	20.9	20.6	21.3	21.4	21.3	21.4	21.2
9/19/2013	20	21.1	20.8	20.1	21.0	21.0	21.0	21.4	21.1
9/19/2013	21	21.0	20.7	19.7	20.6	20.6	20.7	21.3	21.1
9/19/2013	22	21.0	20.7	19.4	20.2	20.2	20.2	21.3	21.1
9/19/2013	23	21.0	20.6	19.2	19.7	19.7	19.8	21.3	21.1
9/19/2013	24	21.0	20.6	19.1	19.3	19.4	19.4	21.3	21.0
9/20/2013	1	20.9	20.5	19.0	19.0	19.1	19.0	21.3	21.0
9/20/2013	2	20.9	20.5	18.9	18.8	18.8	18.8	21.2	21.0
9/20/2013	3	20.9	20.5	18.8	18.6	18.7	18.6	21.2	20.9
9/20/2013	4	20.8	20.4	18.7	18.4	18.5	18.4	21.2	20.9
9/20/2013	5	20.8	20.4	18.6	18.3	18.4	18.2	21.1	20.8
9/20/2013	6	20.8	20.3	18.5	18.2	18.2	18.1	21.1	20.8
9/20/2013	7	20.8	20.3	18.5	18.1	18.2	18.0	21.1	20.8
9/20/2013	8	20.7	20.3	18.5	18.0	18.1	17.9	21.0	20.7
9/20/2013	9	20.7	20.3	18.8	18.2	18.1	18.0	21.0	20.7
9/20/2013	10	20.7	20.4	19.2	18.4	18.2	18.2	21.0	20.7
9/20/2013	11	20.7	20.5	19.9	18.5	18.3	18.5	21.1	20.7
9/20/2013	12	20.7	20.6	20.6	18.7	18.6	18.7	21.1	20.8
9/20/2013	13	20.7	20.6	21.2	19.1	19.1	19.1	21.1	20.8
9/20/2013	14	20.8	20.7	21.7	19.7	19.8	19.7	21.2	20.9
9/20/2013	15	20.8	20.8	21.7	20.2	20.4	20.3	21.2	20.9
9/20/2013	16	20.9	20.8	21.6	20.7	21.0	20.8	21.2	21.0
9/20/2013	17	20.9	20.9	21.3	21.2	21.3	21.2	21.3	21.0
9/20/2013	18	20.9	20.9	20.9	21.3	21.3	21.2	21.3	21.0
9/20/2013	19	21.0	20.8	20.5	21.1	21.1	21.1	21.3	21.1
9/20/2013	20	21.0	20.8	20.2	20.8	20.8	20.9	21.2	21.0
9/20/2013	21	21.0	20.7	19.9	20.5	20.5	20.6	21.2	21.0
9/20/2013	22	20.9	20.8	19.7	20.2	20.2	20.2	21.2	21.0
9/20/2013	23	20.9	20.8	19.6	19.9	19.9	20.0	21.2	21.0
9/20/2013	24	20.9	20.7	19.5	19.7	19.7	19.7	21.2	21.0
9/21/2013	1	20.9	20.7	19.5	19.5	19.4	19.4	21.2	20.9
9/21/2013	2	20.9	20.7	19.5	19.3	19.3	19.2	21.2	20.9
9/21/2013	3	20.9	20.7	19.5	19.2	19.2	19.2	21.2	20.9
9/21/2013	4	20.8	20.7	19.5	19.1	19.2	19.1	21.2	20.9
9/21/2013	5	20.8	20.7	19.5	19.1	19.2	19.1	21.1	20.8
9/21/2013	6	20.8	20.6	19.4	19.1	19.1	19.0	21.1	20.8
9/21/2013	7	20.8	20.6	19.3	19.0	19.1	19.0	21.1	20.8
9/21/2013	8	20.8	20.5	19.2	19.0	19.1	18.9	21.1	20.8
9/21/2013	9	20.7	20.6	19.4	19.2	19.1	19.0	21.1	20.7
9/21/2013	10	20.7	20.7	19.8	19.3	19.1	19.1	21.1	20.7

2013 Chelan River Temperature Hourly Data - 3rd Quarter

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 R4 Habitat Channel -Logger- (Deg. C)	End of R4 Habitat Channel -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
9/21/2013	11	20.7	20.8	20.4	19.3	19.1	19.3	21.1	20.8
9/21/2013	12	20.8	20.8	21.1	19.9	20.2	19.9	21.2	20.8
9/21/2013	13	20.8	20.9	21.3	21.0	21.1	21.1	21.2	20.9
9/21/2013	14	20.8	20.9	21.3	21.2	21.3	21.3	21.2	20.9
9/21/2013	15	20.9	20.9	21.3	21.3	21.4	21.4	21.3	21.0
9/21/2013	16	20.9	21.0	21.1	21.2	21.3	21.3	21.3	21.0
9/21/2013	17	20.9	21.0	20.8	21.1	21.1	21.1	21.3	21.0
9/21/2013	18	20.9	20.9	20.6	20.8	20.7	20.7	21.3	21.0
9/21/2013	19	20.9	20.9	20.3	20.5	20.5	20.4	21.2	21.0
9/21/2013	20	20.8	20.9	20.1	20.2	20.2	20.2	21.2	20.9
9/21/2013	21	20.8	20.8	20.1	20.0	20.0	19.9	21.1	20.9
9/21/2013	22	20.8	20.8	20.1	19.9	19.9	19.8	21.1	20.8
9/21/2013	23	20.7	20.7	20.0	19.9	19.9	19.9	21.1	20.8
9/21/2013	24	20.7	20.7	19.9	19.9	19.9	19.8	21.0	20.7
9/22/2013	1	20.6	20.6	19.8	19.8	19.8	19.7	21.0	20.7
9/22/2013	2	20.6	20.6	19.8	19.7	19.7	19.7	21.0	20.6
9/22/2013	3	20.5	20.5	19.7	19.6	19.6	19.6	20.9	20.6
9/22/2013	4	20.5	20.5	19.7	19.6	19.6	19.5	20.9	20.5
9/22/2013	5	20.4	20.4	19.6	19.5	19.5	19.5	20.8	20.5
9/22/2013	6	20.4	20.4	19.6	19.5	19.5	19.4	20.8	20.5
9/22/2013	7	20.4	20.3	19.6	19.4	19.4	19.4	20.8	20.4
9/22/2013	8	20.3	20.3	19.6	19.4	19.4	19.4	20.7	20.4
9/22/2013	9	20.3	20.3	19.8	19.5	19.5	19.4	20.7	20.4
9/22/2013	10	20.3	20.3	19.8	19.6	19.7	19.6	20.7	20.4
9/22/2013	11	20.3	20.3	19.9	19.7	19.7	19.7	20.7	20.3
9/22/2013	12	20.3	20.3	20.0	19.8	19.8	19.8	20.6	20.3
9/22/2013	13	20.3	20.3	20.4	20.0	20.1	20.1	20.6	20.3
9/22/2013	14	20.3	20.3	20.4	20.3	20.3	20.3	20.6	20.3
9/22/2013	15	20.2	20.2	20.1	20.3	20.3	20.3	20.6	20.3
9/22/2013	16	20.2	20.2	19.9	20.0	20.0	20.0	20.6	20.3
9/22/2013	17	20.2	20.2	20.0	19.9	19.9	19.9	20.5	20.2
9/22/2013	18	20.2	20.2	20.0	19.9	19.9	19.9	20.5	20.2
9/22/2013	19	20.2	20.2	19.8	19.9	19.9	19.8	20.5	20.2
9/22/2013	20	20.2	20.2	19.5	19.7	19.7	19.7	20.5	20.2
9/22/2013	21	20.2	20.1	19.4	19.5	19.4	19.4	20.5	20.2
9/22/2013	22	20.1	20.1	19.3	19.2	19.2	19.2	20.5	20.2
9/22/2013	23	20.1	20.1	19.2	19.2	19.2	19.1	20.5	20.2
9/22/2013	24	20.1	20.1	19.0	19.0	19.0	19.0	20.4	20.1
9/23/2013	1	20.1	20.0	19.0	18.8	18.8	18.8	20.4	20.1
9/23/2013	2	20.0	19.9	19.0	18.7	18.7	18.7	20.4	20.0
9/23/2013	3	19.9	19.9	19.0	18.7	18.8	18.7	20.3	19.9
9/23/2013	4	19.9	19.8	19.0	18.8	18.8	18.7	20.3	19.9
9/23/2013	5	19.8	19.7	18.9	18.7	18.7	18.7	20.2	19.8
9/23/2013	6	19.7	19.7	18.8	18.7	18.7	18.7	20.2	19.8
9/23/2013	7	19.7	19.7	18.8	18.6	18.6	18.6	20.1	19.7
9/23/2013	8	19.7	19.6	18.8	18.6	18.6	18.5	20.1	19.7

2013 Chelan River Temperature Hourly Data - 3rd Quarter

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 R4 Habitat Channel -Logger- (Deg. C)	End of R4 Habitat Channel -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
9/23/2013	9	19.7	19.6	18.9	18.6	18.6	18.6	20.0	19.7
9/23/2013	10	19.6	19.6	19.2	18.8	18.7	18.7	20.0	19.7
9/23/2013	11	19.6	19.6	19.4	18.9	18.9	18.8	20.0	19.6
9/23/2013	12	19.6	19.6	19.7	19.1	19.1	19.1	20.0	19.7
9/23/2013	13	19.6	19.6	19.9	19.3	19.3	19.2	20.0	19.7
9/23/2013	14	19.7	19.6	19.8	19.5	19.5	19.3	20.0	19.7
9/23/2013	15	19.7	19.6	19.8	19.7	19.6	19.6	20.0	19.7
9/23/2013	16	19.7	19.6	19.6	19.7	19.6	19.6	20.0	19.7
9/23/2013	17	19.7	19.6	19.3	19.6	19.6	19.5	20.0	19.7
9/23/2013	18	19.7	19.5	19.0	19.4	19.4	19.3	20.0	19.7
9/23/2013	19	19.7	19.4	18.7	19.2	19.1	19.1	19.9	19.7
9/23/2013	20	19.6	19.4	18.2	18.8	18.8	18.7	19.9	19.6
9/23/2013	21	19.6	19.3	18.0	18.5	18.4	18.4	19.9	19.6
9/23/2013	22	19.6	19.3	17.8	18.2	18.1	18.1	19.8	19.5
9/23/2013	23	19.5	19.2	17.7	17.8	17.8	17.7	19.8	19.5
9/23/2013	24	19.5	19.2	17.6	17.6	17.5	17.4	19.8	19.4
9/24/2013	1	19.4	19.2	17.6	17.4	17.4	17.2	19.7	19.4
9/24/2013	2	19.4	19.2	17.7	17.2	17.3	17.2	19.7	19.3
9/24/2013	3	19.3	19.1	17.7	17.2	17.2	17.1	19.7	19.3
9/24/2013	4	19.3	19.1	17.7	17.2	17.2	17.1	19.6	19.2
9/24/2013	5	19.3	19.0	17.7	17.1	17.2	17.0	19.6	19.2
9/24/2013	6	19.2	18.9	17.7	17.2	17.2	17.1	19.5	19.2
9/24/2013	7	19.2	18.9	17.6	17.2	17.2	17.1	19.5	19.2
9/24/2013	8	19.1	18.9	17.7	17.2	17.2	17.1	19.5	19.1
9/24/2013	9	19.1	18.9	17.9	17.4	17.3	17.2	19.5	19.1
9/24/2013	10	19.1	18.9	18.3	17.7	17.4	17.4	19.5	19.1
9/24/2013	11	19.1	18.9	18.5	17.6	17.5	17.5	19.5	19.1
9/24/2013	12	19.1	19.0	19.0	17.8	17.7	17.7	19.5	19.2
9/24/2013	13	19.2	19.1	19.6	18.2	18.1	18.2	19.6	19.2
9/24/2013	14	19.2	19.1	19.9	18.4	18.5	18.5	19.6	19.2
9/24/2013	15	19.3	19.1	20.2	18.8	18.9	18.9	19.6	19.3
9/24/2013	16	19.3	19.2	20.3	19.1	19.3	19.2	19.6	19.3
9/24/2013	17	19.3	19.2	19.8	19.5	19.6	19.4	19.6	19.4
9/24/2013	18	19.3	19.1	19.3	19.6	19.7	19.5	19.6	19.3
9/24/2013	19	19.3	19.1	18.7	19.5	19.5	19.4	19.6	19.3
9/24/2013	20	19.3	19.1	18.3	19.1	19.2	19.1	19.6	19.3
9/24/2013	21	19.3	19.1	18.0	18.8	18.7	18.8	19.6	19.3
9/24/2013	22	19.3	19.0	17.8	18.4	18.3	18.3	19.6	19.3
9/24/2013	23	19.2	19.0	17.7	18.0	17.9	17.9	19.6	19.2
9/24/2013	24	19.2	18.9	17.6	17.7	17.6	17.6	19.5	19.2
9/25/2013	1	19.2	18.9	17.5	17.4	17.4	17.3	19.5	19.3
9/25/2013	2	19.2	18.9	17.5	17.2	17.3	17.2	19.5	19.2
9/25/2013	3	19.1	18.9	17.5	17.2	17.2	17.1	19.5	19.2
9/25/2013	4	19.1	18.8	17.5	17.1	17.1	17.0	19.4	19.1
9/25/2013	5	19.1	18.8	17.5	17.0	17.1	16.9	19.4	19.1
9/25/2013	6	19.1	18.7	17.4	16.9	17.0	16.9	19.4	19.0

2013 Chelan River Temperature Hourly Data - 3rd Quarter

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 R4 Habitat Channel -Logger- (Deg. C)	End of R4 Habitat Channel -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
9/25/2013	7	19.0	18.7	17.2	16.9	17.0	16.8	19.3	19.0
9/25/2013	8	19.0	18.7	17.2	16.8	16.9	16.7	19.3	19.0
9/25/2013	9	18.9	18.6	17.4	17.0	16.9	16.8	19.3	18.9
9/25/2013	10	18.9	18.7	17.8	17.2	17.0	17.0	19.3	18.9
9/25/2013	11	18.9	18.8	18.3	17.3	17.0	17.2	19.3	18.9
9/25/2013	12	18.9	18.8	19.0	17.4	17.2	17.4	19.4	18.9
9/25/2013	13	19.0	18.9	19.7	17.7	17.7	17.7	19.4	19.0
9/25/2013	14	19.0	18.9	20.0	18.1	18.2	18.2	19.4	19.0
9/25/2013	15	19.1	18.9	20.0	18.6	18.8	18.7	19.4	19.1
9/25/2013	16	19.1	18.9	19.8	19.1	19.3	19.1	19.4	19.1
9/25/2013	17	19.1	18.9	19.4	19.4	19.6	19.3	19.4	19.1
9/25/2013	18	19.1	18.9	18.8	19.4	19.5	19.3	19.4	19.2
9/25/2013	19	19.1	18.9	18.3	19.1	19.2	19.0	19.4	19.2
9/25/2013	20	19.1	18.8	18.0	18.8	18.8	18.7	19.4	19.1
9/25/2013	21	19.1	18.8	17.7	18.3	18.2	18.3	19.4	19.1
9/25/2013	22	19.1	18.8	17.6	17.9	17.8	17.8	19.4	19.0
9/25/2013	23	19.0	18.7	17.4	17.5	17.5	17.4	19.4	19.0
9/25/2013	24	19.0	18.7	17.3	17.2	17.2	17.1	19.4	19.0
9/26/2013	1	18.9	18.6	17.2	17.0	17.0	16.9	19.5	19.1
9/26/2013	2	18.9	18.7	17.2	16.8	16.9	16.8	19.5	19.0
9/26/2013	3	18.9	18.7	17.3	16.7	16.8	16.7	19.6	19.2
9/26/2013	4	18.9	18.7	17.3	16.7	16.8	16.7	19.6	19.2
9/26/2013	5	18.9	18.6	17.4	16.7	16.8	16.7	19.6	19.3
9/26/2013	6	18.9	18.6	17.4	16.8	16.9	16.7	19.7	18.9
9/26/2013	7	18.8	18.6	17.4	16.8	16.9	16.7	19.3	18.8
9/26/2013	8	18.8	18.5	17.4	16.9	17.0	16.8	19.1	18.7
9/26/2013	9	18.7	18.5	17.4	17.0	17.0	16.9	19.1	18.7
9/26/2013	10	18.7	18.5	17.6	17.1	17.1	17.0	19.1	18.7
9/26/2013	11	18.7	18.6	18.1	17.4	17.2	17.3	19.1	18.6
9/26/2013	12	18.7	18.6	18.5	17.4	17.3	17.4	19.1	18.7
9/26/2013	13	18.7	18.6	19.0	17.6	17.6	17.6	19.1	18.7
9/26/2013	14	18.7	18.6	19.5	17.8	18.0	18.1	19.1	18.7
9/26/2013	15	18.7	18.6	19.6	18.1	18.4	18.4	19.1	18.8
9/26/2013	16	18.8	18.6	19.6	18.5	18.7	18.6	19.1	18.8
9/26/2013	17	18.8	18.6	19.3	18.8	19.0	18.9	19.1	18.8
9/26/2013	18	18.8	18.6	18.8	19.0	19.1	18.9	19.2	18.8
9/26/2013	19	18.8	18.6	18.4	18.9	18.9	18.8	19.2	18.8
9/26/2013	20	18.8	18.6	18.0	18.7	18.7	18.7	19.3	18.8
9/26/2013	21	18.8	18.5	17.7	18.4	18.3	18.4	19.3	18.8
9/26/2013	22	18.8	18.5	17.4	18.0	18.0	18.0	19.3	18.8
9/26/2013	23	18.7	18.4	17.2	17.6	17.6	17.6	19.4	18.9
9/26/2013	24	18.7	18.4	17.1	17.2	17.3	17.2	19.4	18.9
9/27/2013	1	18.7	18.3	16.9	16.9	17.0	16.9	19.3	19.0
9/27/2013	2	18.7	18.3	16.8	16.7	16.7	16.7	19.3	18.8
9/27/2013	3	18.7	18.3	16.7	16.5	16.6	16.5	19.3	19.0
9/27/2013	4	18.6	18.2	16.6	16.3	16.4	16.3	19.3	19.0

2013 Chelan River Temperature Hourly Data - 3rd Quarter

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 R4 Habitat Channel -Logger- (Deg. C)	End of R4 Habitat Channel -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
9/27/2013	5	18.6	18.2	16.6	16.2	16.3	16.2	19.3	18.8
9/27/2013	6	18.6	18.2	16.6	16.1	16.2	16.0	19.2	18.7
9/27/2013	7	18.5	18.2	16.7	16.1	16.1	16.0	19.1	18.5
9/27/2013	8	18.5	18.2	16.7	16.0	16.1	16.0	19.0	18.5
9/27/2013	9	18.5	18.2	16.8	16.1	16.1	16.0	18.8	18.4
9/27/2013	10	18.4	18.2	16.9	16.2	16.2	16.1	18.8	18.4
9/27/2013	11	18.4	18.2	17.2	16.4	16.4	16.3	18.7	18.4
9/27/2013	12	18.4	18.2	17.5	16.5	16.5	16.4	18.7	18.4
9/27/2013	13	18.4	18.2	17.8	16.7	16.7	16.6	18.7	18.4
9/27/2013	14	18.4	18.2	17.9	17.0	16.9	16.9	18.7	18.3
9/27/2013	15	18.4	18.2	17.9	17.2	17.2	17.0	18.7	18.3
9/27/2013	16	18.4	18.2	17.8	17.3	17.3	17.2	18.7	18.3
9/27/2013	17	18.4	18.1	17.6	17.4	17.4	17.2	18.7	18.3
9/27/2013	18	18.4	18.1	17.4	17.3	17.3	17.2	18.6	18.3
9/27/2013	19	18.3	18.1	17.2	17.2	17.3	17.2	18.6	18.2
9/27/2013	20	18.3	18.1	17.1	17.2	17.1	17.1	18.6	18.2
9/27/2013	21	18.3	18.0	17.1	17.0	17.0	16.9	18.5	18.2
9/27/2013	22	18.2	18.0	17.0	16.8	16.8	16.7	18.5	18.1
9/27/2013	23	18.2	17.9	17.0	16.7	16.7	16.6	18.4	18.1
9/27/2013	24	18.1	17.9	16.9	16.6	16.6	16.5	18.4	18.1
9/28/2013	1	18.1	17.8	16.8	16.5	16.6	16.4	18.4	18.0
9/28/2013	2	18.1	17.8	16.8	16.5	16.5	16.4	18.4	18.0
9/28/2013	3	18.1	17.8	16.8	16.4	16.4	16.3	18.4	18.0
9/28/2013	4	18.0	17.7	16.7	16.3	16.4	16.2	18.4	18.0
9/28/2013	5	18.0	17.7	16.7	16.3	16.4	16.2	18.3	18.0
9/28/2013	6	18.0	17.7	16.7	16.3	16.3	16.2	18.3	18.0
9/28/2013	7	18.0	17.8	16.7	16.3	16.3	16.2	18.3	18.0
9/28/2013	8	18.0	17.8	16.7	16.3	16.3	16.2	18.3	18.0
9/28/2013	9	18.0	17.8	16.9	16.3	16.3	16.2	18.3	18.0
9/28/2013	10	18.0	17.8	17.0	16.3	16.4	16.2	18.3	18.0
9/28/2013	11	18.0	17.8	17.1	16.4	16.5	16.3	18.3	18.0
9/28/2013	12	18.1	17.8	17.1	16.5	16.6	16.4	18.3	18.0
9/28/2013	13	18.0	17.8	17.2	16.6	16.7	16.5	18.3	18.0
9/28/2013	14	18.1	17.9	17.3	16.8	16.7	16.7	18.3	18.1
9/28/2013	15	18.1	17.9	17.4	16.8	16.8	16.8	18.4	18.1
9/28/2013	16	18.1	17.9	17.6	17.0	16.9	16.9	18.4	18.1
9/28/2013	17	18.1	17.9	17.7	17.0	17.1	17.0	18.4	18.1
9/28/2013	18	18.1	17.9	17.5	17.1	17.2	17.1	18.4	18.1
9/28/2013	19	18.1	17.8	17.3	17.2	17.2	17.1	18.3	18.0
9/28/2013	20	18.0	17.8	17.2	17.2	17.2	17.1	18.3	18.0
9/28/2013	21	18.0	17.8	17.1	17.1	17.1	17.0	18.3	18.0
9/28/2013	22	18.0	17.8	17.0	17.0	17.0	16.9	18.3	18.0
9/28/2013	23	18.0	17.7	16.9	16.8	16.8	16.8	18.3	18.0
9/28/2013	24	18.0	17.7	16.7	16.7	16.7	16.6	18.3	17.9
9/29/2013	1	18.0	17.7	16.6	16.4	16.5	16.4	18.3	17.9
9/29/2013	2	17.9	17.6	16.3	16.3	16.3	16.2	18.2	17.8

2013 Chelan River Temperature Hourly Data - 3rd Quarter

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 R4 Habitat Channel -Logger- (Deg. C)	End of R4 Habitat Channel -Logger- (Deg. C)	Tailrace at Pump Intake -Auto- (Deg. C)	Tailrace at Pump Intake -Logger- (Deg. C)
9/29/2013	3	17.9	17.5	16.1	16.1	16.2	16.1	18.1	17.8
9/29/2013	4	17.8	17.5	15.9	15.9	16.0	15.9	18.1	17.7
9/29/2013	5	17.8	17.4	15.8	15.7	15.8	15.7	18.0	17.7
9/29/2013	6	17.7	17.4	15.7	15.6	15.6	15.5	18.0	17.6
9/29/2013	7	17.7	17.3	15.8	15.4	15.5	15.3	17.9	17.5
9/29/2013	8	17.6	17.3	15.8	15.3	15.4	15.3	17.8	17.5
9/29/2013	9	17.6	17.3	16.0	15.5	15.4	15.2	17.8	17.5
9/29/2013	10	17.5	17.3	16.4	15.7	15.5	15.4	17.8	17.5
9/29/2013	11	17.6	17.3	16.7	15.7	15.5	15.6	17.8	17.5
9/29/2013	12	17.6	17.4	17.1	15.9	15.7	15.8	17.9	17.5
9/29/2013	13	17.6	17.4	17.3	16.1	16.0	16.0	17.9	17.6
9/29/2013	14	17.6	17.4	17.3	16.3	16.4	16.2	17.9	17.6
9/29/2013	15	17.6	17.5	17.2	16.6	16.7	16.5	17.9	17.6
9/29/2013	16	17.7	17.5	17.1	16.8	16.8	16.7	17.9	17.6
9/29/2013	17	17.7	17.4	17.0	16.8	16.8	16.7	18.0	17.6
9/29/2013	18	17.7	17.4	16.8	16.7	16.7	16.5	17.9	17.6
9/29/2013	19	17.6	17.4	16.5	16.5	16.4	16.3	17.9	17.6
9/29/2013	20	17.6	17.3	16.2	16.2	16.2	16.1	17.9	17.6
9/29/2013	21	17.6	17.2	16.1	16.0	16.0	15.9	17.9	17.5
9/29/2013	22	17.6	17.2	16.0	15.8	15.8	15.8	17.8	17.5
9/29/2013	23	17.5	17.2	16.0	15.7	15.7	15.7	17.8	17.5
9/29/2013	24	17.5	17.2	16.1	15.6	15.6	15.6	17.8	17.4
9/30/2013	1	17.5	17.1	16.2	15.6	15.6	15.5	17.8	17.4
9/30/2013	2	17.4	16.9	15.9	15.5	15.6	15.3	17.7	17.3
9/30/2013	3	17.4	16.9	15.6	15.4	15.5	15.2	17.6	17.3
9/30/2013	4	17.4	16.8	15.3	15.3	15.4	15.2	17.6	17.2
9/30/2013	5	17.3	16.7	15.1	15.2	15.2	15.0	17.5	17.2
9/30/2013	6	17.2	16.8	15.0	15.0	15.0	14.9	17.4	17.1
9/30/2013	7	17.2	16.7	15.1	14.7	14.7	14.6	17.4	17.0
9/30/2013	8	17.1	16.7	15.2	14.6	14.6	14.5	17.3	16.9
9/30/2013	9	17.0	16.6	15.5	14.7	14.6	14.4	17.2	16.9
9/30/2013	10	17.0	16.5	15.7	14.8	14.7	14.6	17.3	16.9
9/30/2013	11	17.0	16.6	16.3	15.2	14.9	15.0	17.3	16.9
9/30/2013	12	17.0	16.7	16.8	15.4	15.2	15.2	17.4	16.9
9/30/2013	13	17.0	16.8	17.6	15.5	15.5	15.6	17.4	17.0
9/30/2013	14	17.1	16.8	18.1	15.8	16.1	16.0	17.5	17.0
9/30/2013	15	17.2	16.9	18.2	16.4	16.7	16.6	17.5	17.2
9/30/2013	16	17.2	16.9	17.9	16.9	17.2	16.9	17.5	17.2
9/30/2013	17	17.3	16.8	17.4	17.2	17.4	17.1	17.6	17.2
9/30/2013	18	17.3	16.9	16.9	17.3	17.4	17.2	17.6	17.3
9/30/2013	19	17.3	16.8	16.3	17.1	17.1	17.0	17.5	17.2
9/30/2013	20	17.2	16.7	15.8	16.8	16.7	16.7	17.5	17.2
9/30/2013	21	17.2	16.7	15.4	16.3	16.3	16.3	17.5	17.2
9/30/2013	22	17.2	16.7	15.1	15.8	15.8	15.8	17.5	17.2
9/30/2013	23	17.2	16.6	14.9	15.4	15.3	15.3	17.5	17.2
9/30/2013	24	17.2	16.6	14.8	14.9	14.9	14.9	17.4	17.1