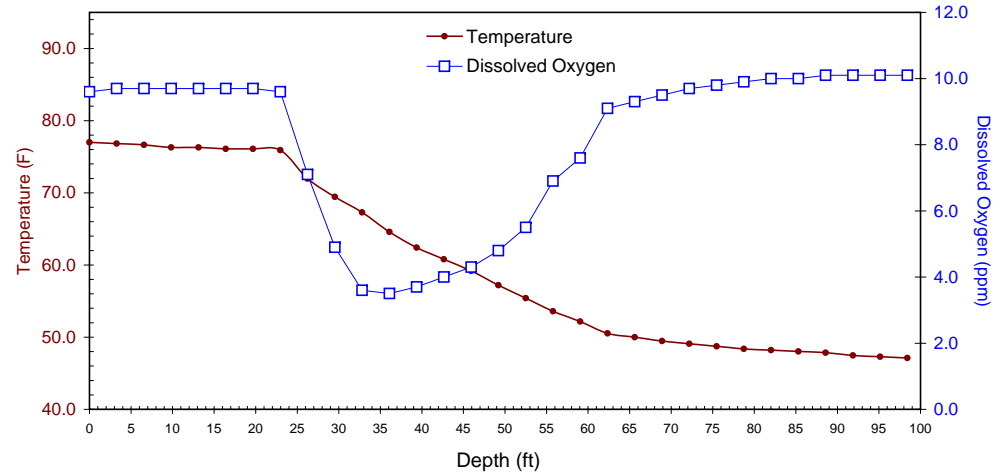


Depth (m)	Temp (C)	Cond	PH	DO	Site	Secchi (m)	Time	Date	Reservoir	Depth (ft)	Temp (F)	DO
0	25.0	113	6.4	9.6	W39	3.2	11:45	08/05/09	Watauga	0	77.0	9.6
1	24.9	111	6.8	9.7						3	76.8	9.7
2	24.8	112	6.9	9.7						7	76.6	9.7
3	24.6	112	7.1	9.7						10	76.3	9.7
4	24.6	112	7.2	9.7						13	76.3	9.7
5	24.5	112	7.2	9.7						16	76.1	9.7
6	24.5	112	7.2	9.7						20	76.1	9.7
7	24.4	112	7.2	9.6						23	75.9	9.6
8	22.2	112	6.8	7.1						26	72.0	7.1
9	20.8	112	6.4	4.9						30	69.4	4.9
10	19.6	111	6.2	3.6						33	67.3	3.6
11	18.1	110	6.0	3.5						36	64.6	3.5
12	16.9	111	5.9	3.7						39	62.4	3.7
13	16.0	112	5.9	4.0						43	60.8	4.0
14	15.1	112	5.9	4.3						46	59.2	4.3
15	14.0	114	5.9	4.8						49	57.2	4.8
16	13.0	116	5.9	5.5						52	55.4	5.5
17	12.0	119	5.9	6.9						56	53.6	6.9
18	11.2	121	5.9	7.6						59	52.2	7.6
19	10.3	122	6.0	9.1						62	50.5	9.1
20	10.0	122	6.0	9.3						66	50.0	9.3
21	9.7	122	6.0	9.5						69	49.5	9.5
22	9.5	122	6.0	9.7						72	49.1	9.7
23	9.3	122	6.1	9.8						75	48.7	9.8
24	9.1	122	6.1	9.9						79	48.4	9.9
25	9.0	122	6.1	10.0						82	48.2	10.0
26	8.9	123	6.1	10.0						85	48.0	10.0
27	8.8	122	6.1	10.1						89	47.8	10.1
28	8.6	122	6.1	10.1						92	47.5	10.1
29	8.5	123	6.1	10.1						95	47.3	10.1
30	8.4	123	6.2	10.1						98	47.1	10.1

Measurements taken in the main channel just upstream of the dam

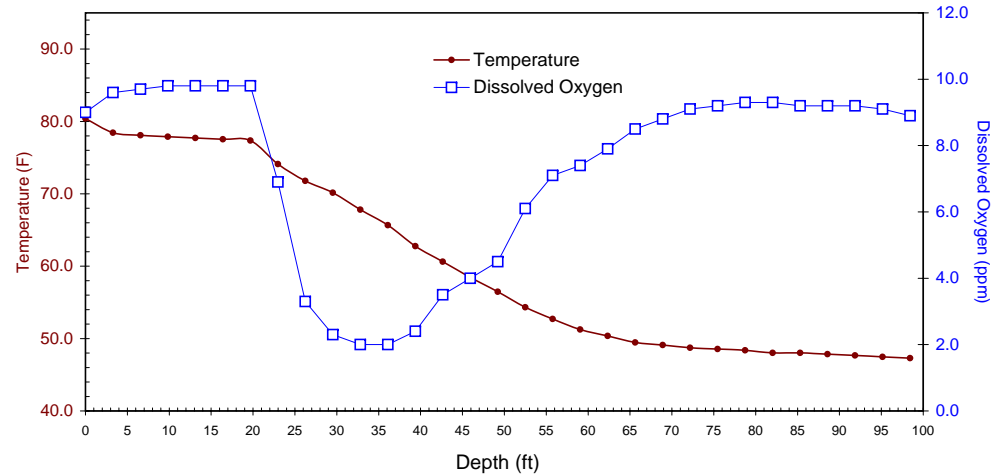
Watauga Reservoir Water Quality at Watauga River Mile 39 - August 5, 2009



Depth (m)	Temp (C)	Cond	PH	DO	Site	Secchi (m)	Time	Date	Reservoir	Depth (ft)	Temp (F)	DO
0	26.9	116	8.2	9.0	W45	3.2	12:30	08/05/09	Watauga	0	80.4	9.0
1	25.8	116	8.5	9.6						3	78.4	9.6
2	25.6	116	8.5	9.7						7	78.1	9.7
3	25.5	116	8.5	9.8						10	77.9	9.8
4	25.4	115	8.5	9.8						13	77.7	9.8
5	25.3	116	8.5	9.8						16	77.5	9.8
6	25.2	116	8.4	9.8						20	77.4	9.8
7	23.4	116	7.6	6.9						23	74.1	6.9
8	22.1	117	7.1	3.3						26	71.8	3.3
9	21.2	119	6.8	2.3						30	70.2	2.3
10	19.9	114	6.7	2.0						33	67.8	2.0
11	18.7	110	6.6	2.0						36	65.7	2.0
12	17.1	109	6.5	2.4						39	62.8	2.4
13	15.9	109	6.4	3.5						43	60.6	3.5
14	14.7	109	6.4	4.0						46	58.5	4.0
15	13.6	111	6.3	4.5						49	56.5	4.5
16	12.4	114	6.3	6.1						52	54.3	6.1
17	11.5	118	6.4	7.1						56	52.7	7.1
18	10.7	120	6.4	7.4						59	51.3	7.4
19	10.2	120	6.4	7.9						62	50.4	7.9
20	9.7	121	6.4	8.5						66	49.5	8.5
21	9.5	122	6.4	8.8						69	49.1	8.8
22	9.3	122	6.4	9.1						72	48.7	9.1
23	9.2	122	6.4	9.2						75	48.6	9.2
24	9.1	122	6.4	9.3						79	48.4	9.3
25	8.9	123	6.4	9.3						82	48.0	9.3
26	8.9	122	6.4	9.2						85	48.0	9.2
27	8.8	123	6.4	9.2						89	47.8	9.2
28	8.7	123	6.4	9.2						92	47.7	9.2
29	8.6	123	6.4	9.1						95	47.5	9.1
30	8.5	124	6.4	8.9						98	47.3	8.9

Measurements taken in the main channel at the mouth of Roan Creek

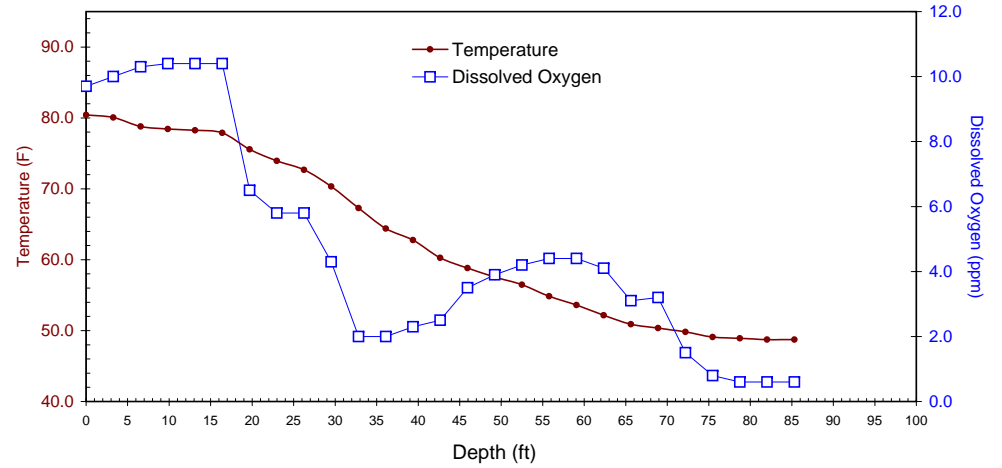
Watauga Reservoir Water Quality at Watauga River Mile 45 - August 5, 2009



Depth (m)	Temp (C)	Cond	PH	DO	Site	Secchi (m)	Time	Date	Reservoir	Depth (ft)	Temp (F)	DO
0	26.9	114	8.6	9.7	W49	2.7	13:30	08/05/09	Watauga	0	80.4	9.7
1	26.7	114	8.8	10.0						3	80.1	10.0
2	26.0	114	8.9	10.3						7	78.8	10.3
3	25.8	114	8.9	10.4						10	78.4	10.4
4	25.7	115	8.9	10.4						13	78.3	10.4
5	25.5	114	8.7	10.4						16	77.9	10.4
6	24.2	112	8.2	6.5						20	75.6	6.5
7	23.3	110	7.5	5.8						23	73.9	5.8
8	22.6	105	7.3	5.8						26	72.7	5.8
9	21.3	107	7.2	4.3						30	70.3	4.3
10	19.6	107	6.8	2.0						33	67.3	2.0
11	18.0	102	6.7	2.0						36	64.4	2.0
12	17.1	101	6.6	2.3						39	62.8	2.3
13	15.7	101	6.5	2.5						43	60.3	2.5
14	14.9	102	6.4	3.5						46	58.8	3.5
15	14.2	102	6.4	3.9						49	57.6	3.9
16	13.6	102	6.4	4.2						52	56.5	4.2
17	12.7	105	6.3	4.4						56	54.9	4.4
18	12.0	110	6.3	4.4						59	53.6	4.4
19	11.2	116	6.2	4.1						62	52.2	4.1
20	10.5	122	6.2	3.1						66	50.9	3.1
21	10.2	130	6.2	3.2						69	50.4	3.2
22	9.9	134	6.2	1.5						72	49.8	1.5
23	9.5	137	6.2	0.8						75	49.1	0.8
24	9.4	138	6.2	0.6						79	48.9	0.6
25	9.3	137	6.2	0.6						82	48.7	0.6
26	9.3	137	6.2	0.6						85	48.7	0.6
27	Bottom				Bottom							
28												
29												
30												

Measurements taken in the main channel near Pioneer Landing

Watauga Reservoir Water Quality at Watauga River Mile 49 - August 5, 2009



Depth (m)	Temp (C)	Cond	PH	DO	Site	Secchi (m)	Time	Date	Reservoir	Depth (ft)	Temp (F)	DO					
0	26.2	116	8.6	9.8	E2	2	11:00	08/05/09	Watauga	0	79.2	9.8					
1	25.7	116	8.7	9.9						3	78.3	9.9					
2	25.6	116	8.7	10.0						7	78.1	10.0					
3	25.6	116	8.7	10.0						10	78.1	10.0					
4	25.5	116	8.7	10.0						13	77.9	10.0					
5	24.8	117	8.3	9.6						16	76.6	9.6					
6	24.3	118	8.0	8.0						20	75.7	8.0					
7	23.3	122	7.4	5.6						23	73.9	5.6					
8	21.6	121	7.2	3.2						26	70.9	3.2					
9	20.8	118	6.9	2.1						30	69.4	2.1					
10	19.9	115	6.8	1.2						33	67.8	1.2					
11	18.2	109	6.7	1.3						36	64.8	1.3					
12	17.8	109	6.6	1.4						39	64.0	1.4					
13	16.0	107	6.5	1.5						43	60.8	1.5					
14	15.3	108	6.5	2.6						46	59.5	2.6					
15	13.8	110	6.4	2.8						49	56.8	2.8					
16	12.9	111	6.4	3.0						52	55.2	3.0					
17	11.7	114	6.3	3.3						56	53.1	3.3					
18	10.8	118	6.3	3.7						59	51.4	3.7					
19	10.2	121	6.3	4.0						62	50.4	4.0					
20	10.0	122	6.3	4.1						66	50.0	4.1					
21	9.5	123	6.3	4.2						69	49.1	4.2					
22	9.4	123	6.3	4.4						72	48.9	4.4					
23	9.2	123	6.3	4.7						75	48.6	4.7					
24	9.1	123	6.3	5.0						79	48.4	5.0					
25	Bottom									Bottom							
26																	
27																	
28																	
29																	
30																	

Measurements taken in the main channel on the Elk River just upstream of the confluence of the Elk and Watauga Rivers

Watauga Reservoir Water Quality at Elk River Mile 2 - August 5, 2009

