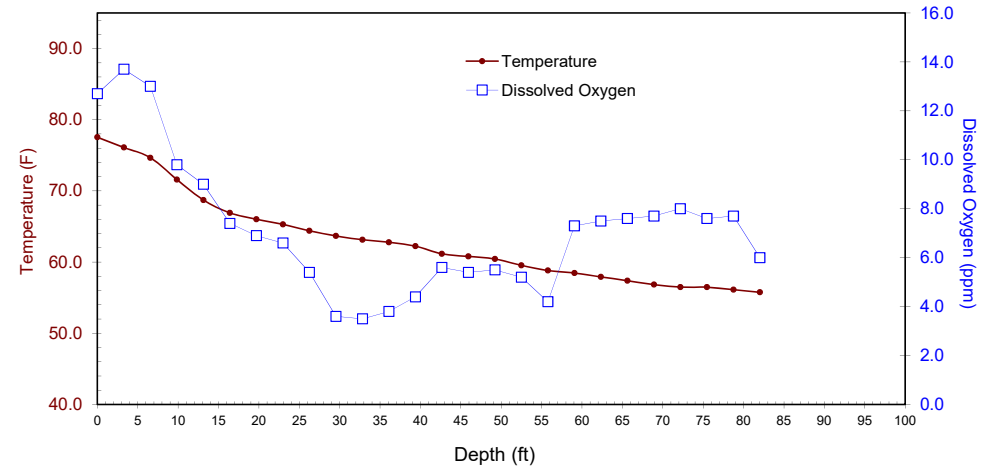


Depth (m)	Temp (C)	Cond	PH	DO	RM	Secchi (m)	Time	Date	Reservoir	Depth (ft)	Temp (F)	DO
0	25.3	165	8.3	12.7	RM19	1.0	12:15:00 PM	07/06/16	Boone	0	77.5	12.7
1	24.5	164	8.3	13.7						3	76.1	13.7
2	23.7	164	8.2	13.0						7	74.7	13.0
3	22.0	169	7.9	9.8						10	71.6	9.8
4	20.4	158	7.8	9.0						13	68.7	9.0
5	19.4	159	7.7	7.4						16	66.9	7.4
6	18.9	160	7.7	6.9						20	66.0	6.9
7	18.5	159	7.6	6.6						23	65.3	6.6
8	18.0	163	7.5	5.4						26	64.4	5.4
9	17.6	185	7.4	3.6						30	63.7	3.6
10	17.3	205	7.4	3.5						33	63.1	3.5
11	17.1	199	7.3	3.8						36	62.8	3.8
12	16.8	192	7.2	4.4						39	62.2	4.4
13	16.2	165	7.3	5.6						43	61.2	5.6
14	16.0	172	7.2	5.4						46	60.8	5.4
15	15.8	204	7.1	5.5						49	60.4	5.5
16	15.3	178	7.1	5.2						52	59.5	5.2
17	14.9	167	7.1	4.2						56	58.8	4.2
18	14.7	215	7.2	7.3						59	58.5	7.3
19	14.4	224	7.2	7.5						62	57.9	7.5
20	14.1	230	7.3	7.6						66	57.4	7.6
21	13.8	236	7.3	7.7						69	56.8	7.7
22	13.6	238	7.3	8.0						72	56.5	8.0
23	13.6	239	7.2	7.6						75	56.5	7.6
24	13.4	241	7.2	7.7						79	56.1	7.7
25	13.2	244	7.2	6.0						82	55.8	6.0
26	13.1	245	7.1	5.4								
27	Bottom											
28												
29												
30												

Measurements taken in the main channel just upstream of the dam

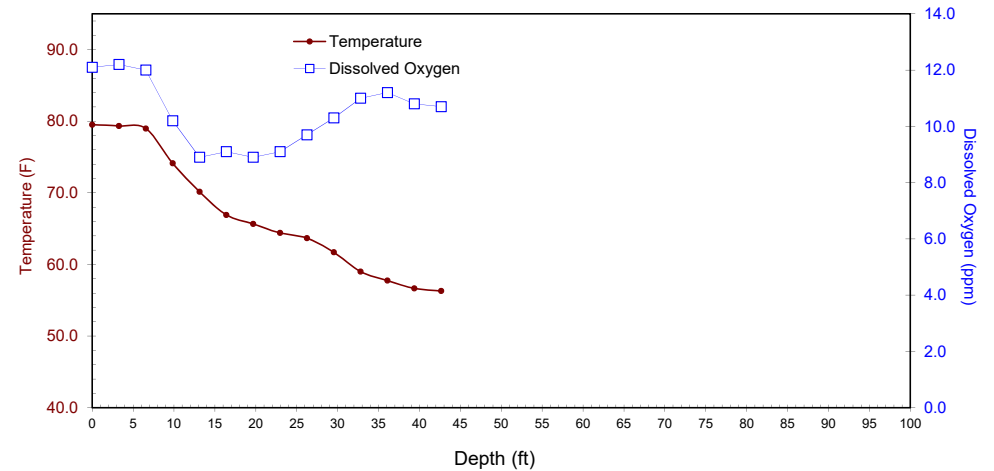
Boone Reservoir Water Quality at Holston River Mile 19 - July 6, 2016



Depth (m)	Temp (C)	Cond	PH	DO	RM	Secchi (m)	Time	Date	Reservoir	Depth (ft)	Temp (F)	DO
0	26.4	205	8.3	12.1	RM26	1	11:45:00 AM	07/06/16	Boone	0	79.5	12.1
1	26.3	203	8.3	12.2						3	79.3	12.2
2	26.1	209	8.2	12.0						7	79.0	12.0
3	23.4	237	7.8	10.2						10	74.1	10.2
4	21.2	245	7.6	8.9						13	70.2	8.9
5	19.4	245	7.7	9.1						16	66.9	9.1
6	18.7	245	7.7	8.9						20	65.7	8.9
7	18.0	243	7.7	9.1						23	64.4	9.1
8	17.6	242	7.7	9.7						26	63.7	9.7
9	16.5	241	7.7	10.3						30	61.7	10.3
10	15.0	239	7.7	11.0						33	59.0	11.0
11	14.3	238	7.7	11.2						36	57.7	11.2
12	13.7	237	7.7	10.8						39	56.7	10.8
13	13.5	237	7.7	10.7						43	56.3	10.7
14	Bottom											
15										46		
16										49		
17										52		
18										56		
19										59		
20										62		
21										66		
22										69		
23										72		
24												
25												
26												
27												
28												
29												
30												

Measurements taken in the main channel near Devault Bridge

Boone Reservoir Water Quality at Holston River Mile 26 - July 6, 2016



Depth (m)	Temp (C)	Cond	PH	DO	Site	Secchi (m)	Time	Date	Reservoir	Depth (ft)	Temp (F)	DO
0	26.1	159	8.3	11.3	RM6	1.2	7:45:00 AM	07/06/16	Boone	0	79.0	11.3
1	26.1	163	8.3	11.4						3	79.0	11.4
2	22.4	155	8.0	10.8						7	72.3	10.8
3	20.5	147	7.8	10.6						10	68.9	10.6
4	19.3	146	7.9	10.7						13	66.7	10.7
5	18.4	147	8.0	10.4						16	65.1	10.4
6	18.0	144	8.0	10.5						20	64.4	10.5
7	17.2	148	7.9	10.7						23	63.0	10.7
8	17.1	149	7.8	10.7						26	62.8	10.7
9	16.8	150	7.8	10.7						30	62.2	10.7
10	16.7	151	7.8	10.7						33	62.1	10.7
11	16.4	152	7.7	10.6						36	61.5	10.6
12	16.4	153	7.7	10.6	39	61.5	10.6					
13	Bottom				43							
14					46							
15					49							
16					52							
17					56							
18					59							
19					62							
20					66							
21					69							
22												
23												
24												
25												
26												
27												
28												
29												
30												

Measurements taken in the main channel near Pickens Bridge

Boone Reservoir Water Quality at Watauga River Mile 6 - July 1, 2015

