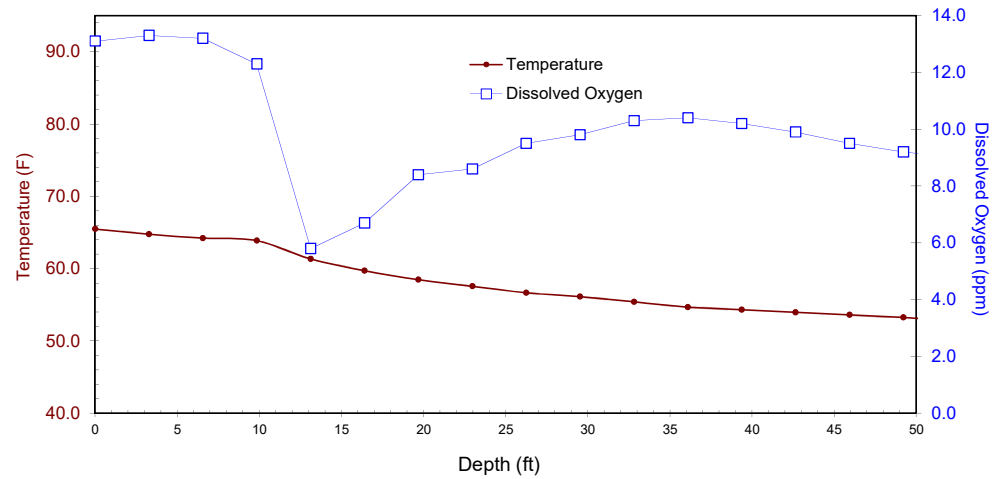


Depth (m)	Temp (C)	Cond	PH	DO	RM	Secchi (m)	Time	Date	Reservoir	Depth (ft)	Temp (F)	DO
0	18.6	158	8.4	13.1	RM19	0.8	3:25	9/6/2017	Boone	0	65.5	13.1
1	18.2	159	8.4	13.3						3	64.8	13.3
2	17.9	159	8.4	13.2						7	64.2	13.2
3	17.7	156	8.4	12.3						10	63.9	12.3
4	16.3	179	7.8	5.8						13	61.3	5.8
5	15.4	157	7.8	6.7						16	59.7	6.7
6	14.7	149	7.7	8.4						20	58.5	8.4
7	14.2	144	7.6	8.6						23	57.6	8.6
8	13.7	143	7.6	9.5						26	56.7	9.5
9	13.4	141	7.6	9.8						30	56.1	9.8
10	13.0	138	7.6	10.3						33	55.4	10.3
11	12.6	138	7.5	10.4						36	54.7	10.4
12	12.4	138	7.5	10.2						39	54.3	10.2
13	12.2	138	7.4	9.9						43	54.0	9.9
14	12.0	142	7.3	9.5						46	53.6	9.5
15	11.8	156	7.3	9.2						49	53.2	9.2
16	11.5	168	7.3	9.0						52	52.7	9.0
17	11.2	200	7.3	9.1						56	52.2	9.1
18	10.6	210	7.3	9.5						59	51.1	9.5
19	10.4	211	7.3	9.6						62	50.7	9.6
20	9.9	209	7.3	9.8						66	49.8	9.8
21	9.8	210	7.3	9.5						69	49.6	9.5
22	9.6	208	7.3	9.6						72	49.3	9.6
23	9.4	209	7.3	10.0						75	48.9	10.0
24	9.3	209	7.3	9.5						79	48.7	9.5
25	9.2	210	7.3	8.0						82	48.6	8.0
26	9.1	210	7.3	7.7						85	48.4	7.7
27	9.0	211	7.2	6.5						89	48.2	6.5
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Measurements taken in the main channel just upstream of the dam

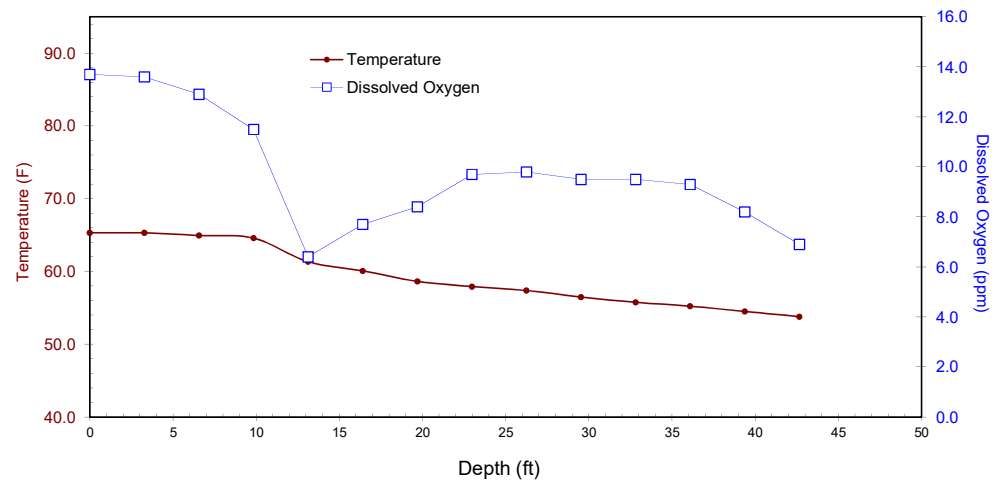
Boone Reservoir Water Quality at Holston River Mile 19 - September 6, 2017



Depth (m)	Temp (C)	Cond	PH	DO	RM	Secchi (m)	Time	Date	Reservoir	Depth (ft)	Temp (F)	DO
0	18.5	172	7.9	13.7	RM26	0.7	13:30	09/06/17	Boone	0	65.3	13.7
1	18.5	173	8.1	13.6						3	65.3	13.6
2	18.3	175	8.2	12.9						7	64.9	12.9
3	18.1	184	8.1	11.5						10	64.6	11.5
4	16.3	221	7.5	6.4						13	61.3	6.4
5	15.6	226	7.5	7.7						16	60.1	7.7
6	14.8	230	7.4	8.4						20	58.6	8.4
7	14.4	233	7.5	9.7						23	57.9	9.7
8	14.1	232	7.4	9.8						26	57.4	9.8
9	13.6	230	7.4	9.5						30	56.5	9.5
10	13.2	231	7.4	9.5						33	55.8	9.5
11	12.9	230	7.4	9.3						36	55.2	9.3
12	12.5	231	7.3	8.2						39	54.5	8.2
13	12.1	232	7.3	6.9						43	53.8	6.9
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Measurements taken in the main channel near Devault Bridge

Boone Reservoir Water Quality at Holston River Mile 26 - September 6, 2017



Depth (m)	Temp (C)	Cond	PH	DO	Site	Secchi (m)	Time	Date	Reservoir	Depth (ft)	Temp (F)	DO
0	18.4	145	8.1	13.8	RM6	0.7	14:50	09/06/17	Boone	0	65.1	13.8
1	18.1	145	8.3	13.8						3	64.6	13.8
2	17.8	149	8.3	13.4						7	64.0	13.4
3	16.9	157	8.1	12.3						10	62.4	12.3
4	15.8	148	8.0	11.9						13	60.4	11.9
5	15.0	148	7.8	11.2						16	59.0	11.2
6	14.0	152	7.6	10.3						20	57.2	10.3
7	13.7	148	7.6	10.5						23	56.7	10.5
8	13.4	149	7.5	10.5						26	56.1	10.5
9	13.2	150	7.5	10.4						30	55.8	10.4
10	12.9	152	7.6	10.9						33	55.2	10.9
11	12.9	151	7.5	11.1						36	55.2	11.1
12	12.9	151	7.5	11.0						39	55.2	11.0
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Measurements taken in the main channel near Pickens Bridge

Boone Reservoir Water Quality at Watauga River Mile 6 - September 6, 2017

