

New Hampshire Volunteer River Assessment Program
2020 Salmon Falls River Watershed Data

NEW HAMPSHIRE DEPARTMENT OF ENVIRONMENTAL SERVICES



Measurements not meeting New Hampshire surface water quality standards

Measurements not meeting NHDES quality assurance/quality control standards

^A Specific conductance > 835 $\mu\text{S}/\text{cm}$ indicates exceedance of chronic chloride standard of 230 mg/L

31-SFR: Salmon Falls River, Acton, ME (Route 109 Bridge)

Date	Time of Sample	DO (mg/L)	DO (% sat.)	pH	Turbidity (NTUs)	Specific Conductance ($\mu\text{S}/\text{cm}$)	Water Temp. ($^{\circ}\text{C}$)
Standard	NA	>5.0	>75% Daily Average	6.5-8.0	<10 NTU above background	835$\mu\text{S}/\text{cm}^{\text{A}}$	NA
06/02/2020	08:40	8.20	84.5	6.62	0.46	88.2	17.7
06/16/2020	08:35	7.23	78.7	6.31	0.35	92.2	19.4
06/30/2020	08:20	7.10	82.4	6.74	0.41	86.1	22.4
07/16/2020	08:10	6.70	79.3	6.40	0.37	88.1	23.7
07/28/2020	09:45	6.92	87.7	6.77	0.46	90.0	27.3
08/10/2020	08:20	7.38	89.3	6.29	0.44	89.7	24.9
08/25/2020	08:18	6.64	78.8	6.09	0.47	89.2	23.9
09/15/2020	08:25	7.87	80.4	5.81	0.27	102.2	16.3

27-SFR: Salmon Falls River, Milton (Milton Mills Bridge)

Date	Time of Sample	DO (mg/L)	DO (% sat.)	pH	Turbidity (NTUs)	Specific Conductance ($\mu\text{S}/\text{cm}$)	Water Temp. ($^{\circ}\text{C}$)
Standard	NA	>5.0	>75% Daily Average	6.5-8.0	<10 NTU above background	835$\mu\text{S}/\text{cm}^{\text{A}}$	NA
06/02/2020	09:05	7.56	79.4	6.67	0.82	100.9	17.2
06/16/2020	09:00	7.21	78.6	6.41	0.97	101.5	19.5
06/30/2020	08:50	9.87	106.7	6.15	1.68	74.6	19.4
07/16/2020	08:30	7.22	82.8	6.32	1.89	93.5	22.2
07/28/2020	09:20	6.47	80.7	6.83	0.56	103.7	26.8
08/10/2020	08:45	6.65	79.1	6.43	0.55	101.4	24.0
08/25/2020	08:45	6.84	80.0	6.54	0.49	103.3	23.2
09/15/2020	08:48	7.26	74.9	6.46	0.81	113.1	16.8

06-BRA: Branch River, Wakefield (Route 153 Bridge)

Date	Time of Sample	DO (mg/L)	DO (% sat.)	pH	Turbidity (NTUs)	Specific Conductance (uS/cm)	Water Temp. (°C)
Standard	NA	>5.0	>75% Daily Average	6.5-8.0	<10 NTU above background	835µS/cm^A	NA
06/02/2020	10:05	7.75	76.0	6.74	1.21	121.1	14.6
06/16/2020	09:50	6.67	70.0	6.54	1.24	169.6	17.7
06/30/2020	09:30	5.21	56.4	6.08	1.54	107.1	19.3
07/16/2020	09:10	5.36	60.0	6.18	1.74	152.4	20.9
07/28/2020	08:28	5.14	61.7	6.45	1.84	180.3	24.5
08/10/2020	09:30	4.75	55.0	6.43	1.75	199.5	22.8
08/25/2020	09:30	4.69	53.7	6.28	1.45	197.9	21.9
09/15/2020	09:30	5.68	56.4	6.38	1.63	250.7	14.8

01-BRA: Branch River, Milton (Applebee Road Bridge)

Date	Time of Sample	DO (mg/L)	DO (% sat.)	pH	Turbidity (NTUs)	Specific Conductance (uS/cm)	Water Temp. (°C)
Standard	NA	>5.0	>75% Daily Average	6.5-8.0	<10 NTU above background	835 µS/cm^A	NA
06/02/2020	09:40	8.33	87.5	6.95	0.73	134.2	14.6
06/16/2020	09:25	9.36	96.6	6.62	0.92	147.1	16.9
06/30/2020	09:10	7.73	84.7	6.28	2.95	93.4	19.9
07/16/2020	08:50	8.79	98.7	6.51	1.01	128.9	20.9
07/28/2020	09:00	6.91	83.3	6.72	0.82	148.9	24.8
08/10/2020	09:10	7.35	85.3	6.49	0.75	158.0	22.6
08/25/2020	09:15	7.07	80.5	6.52	0.61	177.4	21.9
09/15/2020	09:08	8.33	79.8	6.53	0.47	198.2	13.5

