

New Hampshire Volunteer River Assessment Program
2021 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 µS/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 (µS/cm)	Water Temp. (°C)
Standard	NA	>5.0	>75% Daily Average	6.5-8.0	<10 NTU above background	835µS/cm^A	NA
05/18/2021	8:40	9.07	91.1	6.82	0.33	95	15.8
06/01/2021	8:40	9.15	90.6	6.74	0.38	98	14.7
06/15/2021	8:40	7.14	79.6	6.77	0.40	95	20.4
06/29/2021	8:28	6.58	79.7	6.78	0.40	95	25.1
07/13/2021	8:20	7.24	83.9	6.90	0.32	93	22.7
07/27/2021	8:20	7.27	85.2	6.85	0.39	91	23.3
08/12/2021	8:20	6.98	84.2	6.76	0.47	89	24.6
08/24/2021	8:34	7.15	85.7	6.85	0.34	103	24.4
09/07/2021	8:40	7.18	80.8	6.78	0.51	101	21.2
09/21/2021	8:34	7.51	82.8	6.76	0.36	96	19.8

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

Date	Time of Sample	DO (mg/L)	DO (% sat.)	pH	Turbidity (NTUs)	Specific Conductance (µS/cm)	Water Temp. (°C)
Standard	NA	>5.0	>75% Daily Average	6.5-8.0	<10 NTU above background	835µS/cm^A	NA
05/18/2021	9:18	7.47	77.2	6.86	0.70	98	17.1
06/01/2021	9:05	8.64	83.5	6.89	0.54	98	13.9
06/15/2021	9:00	6.53	71.3	6.73	1.47	109	19.6
06/29/2021	9:05	6.04	74.5	6.91	0.89	112	26.4
07/13/2021	8:46	7.20	82.4	6.77	0.57	97	21.6
07/27/2021	9:05	7.12	82.7	6.78	0.49	95	22.8
08/12/2021	8:45	6.47	78.5	6.81	0.44	103	25.2
08/24/2021	9:10	7.44	85.9	6.63	0.54	112	22.7
09/07/2021	9:08	7.49	81.4	6.67	0.42	107	19.4
09/21/2021	8:59	7.68	81.8	6.72	0.35	106	18.3

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
05/18/2021	10:08	7.39	75.3	6.58	0.93	127	17.1
06/01/2021	10:00	8.20	76.3	6.54	1.08	124	12.4
06/15/2021	9:45	5.18	55.0	6.50	1.88	183	18.2
06/29/2021	9:50	4.19	51.1	6.53	2.52	194	25.3
07/13/2021	9:48	5.69	61.8	6.32	1.68	125	19.2
07/27/2021	9:54	5.62	62.8	6.41	1.61	121	20.8
08/12/2021	9:35	5.22	61.2	6.36	1.37	134	23.3
08/24/2021	9:55	5.47	61.3	6.33	1.72	157	21.1
09/07/2021	10:00	6.21	65.0	6.37	1.30	152	17.5
09/21/2021	9:53	6.50	66.7	6.45	1.34	155	16.5

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
05/18/2021	9:45	8.41	85.7	6.76	0.16	115	16.4
06/01/2021	9:37	9.28	89.2	6.73	0.98	113	13.6
06/15/2021	9:25	7.65	81.6	6.79	0.65	149	18.5
06/29/2021	9:30	6.40	76.7	6.75	0.65	168	24.7
07/13/2021	9:15	7.12	78.2	6.55	0.86	118	20.3
07/27/2021	9:27	7.31	82.2	6.66	1.36	110	21.1
08/12/2021	9:10	6.84	80.6	6.61	0.74	123	24.3
08/24/2021	9:30	7.30	83.7	6.64	1.08	134	22.3
09/07/2021	9:42	7.98	83.8	6.55	0.62	132	17.8
09/21/2021	9:24	8.11	83.5	6.63	0.60	146	16.7

