Water-Data Report 2008

0131199050 FISHING BROOK (COUNTY LINE FLOW) NEAR NEWCOMB, NY

Upper Hudson Basin
Upper Hudson Subbasin

LOCATION.--Lat 43°58'38.6", long 74°16'13.5" referenced to North American Datum of 1983, Essex County, NY, Hydrologic Unit 02020001, at the downstream end of County Line Flow, about 6 mi west of Newcomb.

DRAINAGE AREA.--25.2 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Miscellaneous measurements--2007-08.

DISCHARGE MEASUREMENTS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Date	Discharge, in ft^3/s
Oct 11, 2007	24.0
Oct 22, 2007	43.0
Nov 28, 2007	143
Jan 10, 2008	366
Feb 14, 2008	30.7
Mar 11, 2008	119
Apr 11, 2008	380
Apr 13, 2008	564
May 21, 2008	24.8

0131199050 FISHING BROOK (COUNTY LINE FLOW) NEAR NEWCOMB, NY—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--
CHEMICAL DATA: 2007-08 (d).
MINOR ELEMENTS DATA: 2007-08 (d).
ORGANIC DATA: 2007-08 (d).
NUTRIENT DATA: 2007-08 (d).
SEDIMENT DATA: 2007-08 (d).

REMARKS.--A sampling method code of 70 indicates a grab sample. An * indicates a replicate sample.

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 1 of 3

[Remark codes: <, less than; E, estimated.]

Date	Time	Instantaneous discharge, ft3/s (00061)	UV absorbance, 254 nm, wat flt units /cm (50624)	SUVA, 254 nm, abs L/(mgDOC* meter) (63162)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specific conductance, wat unf µS/cm 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)
Oct													
11...	1100	28	.238	3.4	711	7.8	84	7.0	69	14.5	15.8	5.95	1.54
22...	1240	55	.334	3.8	--	10.2	100	6.8	67	24.5	13.0	5.51	1.37
24...	1330	182	.373	3.6	--	--	--	--	--	--	--	--	--
Nov													
28...	1200	137	.269	3.6	726	13.8	104	6.0	45	.0	2.0	3.62	.750
Jan													
02...	1100	50	.203	3.5	--	9.5	--	5.9	51	.0	1.3	3.99	.828
10...	1100	341	.236	3.5	720	12.3	89	5.7	36	1.0	.1	2.74	.531
Feb													
14...	1130	38	.204	4.0	717	10.5	78	5.9	62	-3.0	.9	4.34	.948
Mar													
11...	1015	146	.264	4.0	718	15.2	111	5.5	39	-1.0	-.1	3.08	.616
Apr													
02...	1000	159	.183	3.7	723	13.5	96	5.9	45	-1.0	.3	3.56	.765
12...	2230	573	.208	3.5	696	12.0	94	6.6	22	1.1	2.0	2.14	.414
20...	2330	365	.240	3.9	711	10.1	93	6.5	18	7.5	9.6	2.11	.394
May													
01...	1000	103	.300	4.0	721	10.8	94	6.3	29	7.8	7.4	2.45	.482
21...	1135	22	.208	3.6	705	9.7	97	6.8	36	11.5	12.2	3.40	.741
Jun													
12...	1030	28	.344	4.1	726	7.2	87	6.8	50	19.0	22.0	4.09	.893
Jul													
02...	1000	21	.334	4.1	719	6.9	84	6.7	56	23.0	22.6	4.87	1.15
21...	1510	118	.374	3.9	716	6.8	85	6.5	66	23.0	22.2	5.25	1.20
21...*	1511	118	.345	4.0	--	--	--	--	--	--	--	5.24	1.17
Aug													
06...	1000	107	.473	4.3	712	6.8	80	6.4	49	22.0	20.2	4.41	.871
27...	0930	16	.489	4.3	723	7.3	82	6.4	45	15.5	18.3	4.21	.826
Sep													
11...	0830	18	.269	3.3	727	7.4	81	6.8	42	6.5	17.2	4.32	.825

0131199050 FISHING BROOK (COUNTY LINE FLOW) NEAR NEWCOMB, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
Part 2 of 3
[Remark codes: <, less than; E, estimated.]

Date	Potassium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	Alkalinity, wat flt fxd end lab, mg/L as CaCO3 (29801)	Chloride, water, fltrd, mg/L (00940)	Sulfate water, fltrd, mg/L (00945)	Ammonia water, fltrd, mg/L as N (00608)	Nitrate + nitrite water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Particulate nitrogen, susp, water, mg/L (49570)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, unfltrd mg/L as P (00665)	Total nitrogen, wat unf by analysis, mg/L (62855)	Total carbon, suspnd sedimnt total, mg/L (00694)
Oct													
11...	.42	4.67	17	7.95	3.46	E.012	<.04	<.002	.09	E.004	.014	.33	.9
22...	.60	4.93	13	8.33	5.33	E.016	E.03	E.001	E.04	<.006	.013	.34	.4
24...	--	--	--	--	--	--	--	--	--	--	--	--	--
Nov													
28...	.23	2.87	7	4.80	4.98	E.017	.17	<.002	<.04	<.006	.008	.42	E.1
Jan													
02...	.21	3.27	8	5.42	4.70	.035	.24	E.001	<.04	<.006	E.006	.45	E.1
10...	.18	2.21	<5	3.32	4.01	.030	.35	E.001	E.03	E.003	.009	.61	.3
Feb													
14...	.26	4.42	9	7.48	4.77	.037	.28	E.001	E.02	E.003	--	--	E.1
Mar													
11...	.27	3.10	6	5.00	3.75	.022	.32	<.002	E.03	E.004	--	--	E.1
Apr													
02...	.28	3.18	8	5.04	4.13	.035	.29	<.002	<.04	E.004	--	--	E.1
12...	.26	3.32	<5	4.68	3.16	E.015	.28	E.001	<.04	<.006	--	--	.2
20...	.20	1.59	<5	1.96	3.34	<.020	.21	<.002	<.04	<.006	--	--	E.1
May													
01...	.21	1.84	6	2.50	3.43	<.020	.07	E.001	E.03	<.006	.009	.29	.3
21...	.25	2.66	9	3.92	3.60	<.020	<.04	E.001	.09	<.006	.013	.27	.7
Jun													
12...	.28	3.65	11	6.22	3.42	E.011	E.02	E.001	.07	E.004	.015	.34	.5
Jul													
02...	.27	4.05	14	7.09	2.90	<.020	E.03	E.001	.11	<.006	.014	.39	.9
21...	.26	4.11	15	7.05	2.69	<.020	E.02	<.002	.12	E.004	.015	.37	.9
21...	.26	4.00	15	6.98	2.70	<.020	E.02	<.002	.09	E.005	.015	.40	.8
Aug													
06...	.19	3.40	11	5.40	2.62	.032	.04	E.002	.08	E.006	.017	.48	.7
27...	.16	3.23	10	4.89	2.69	E.011	<.04	E.002	.10	E.005	.016	.43	1.0
Sep													
11...	.22	2.37	12	3.42	2.89	E.011	<.04	E.001	.11	<.006	.016	.36	.9

0131199050 FISHING BROOK (COUNTY LINE FLOW) NEAR NEWCOMB, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
Part 3 of 3
[Remark codes: <, less than; E, estimated.]

Date	Inorganic carbon, suspnd sedimnt total, mg/L (00688)	Organic carbon, suspnd sedimnt total, mg/L (00689)	Organic carbon, water, fltrd, mg/L (00681)	Iron, water, fltrd, µg/L (01046)	Methylmercury suspnd sedimnt total, ng/L (62977)	Suspended sediment concentration mg/L (80154)	Sampling method, code (82398)
Oct							
11...	<.04	.88	7.0	477	.029	3	70
22...	<.04	.41	8.8	385	--	2	70
24...	--	--	10.5	--	--	--	70
Nov							
28...	<.04	.13	7.6	180	<.010	1	70
Jan							
02...	<.04	<.12	5.8	214	<.009	1	70
10...	<.04	.31	6.7	147	.018	1	70
Feb							
14...	<.04	.13	5.1	232	<.010	1	70
Mar							
11...	<.04	.14	6.6	164	<.009	1	70
Apr							
02...	<.04	<.12	4.9	166	<.016	2	70
12...	<.04	.17	5.9	86	.010	1	70
20...	<.04	.13	6.2	82	<.010	1	70
May							
01...	<.04	.28	7.4	152	.010	2	70
21...	<.04	.67	5.8	187	--	2	70
Jun							
12...	<.04	.53	8.4	324	--	3	70
Jul							
02...	<.04	.90	8.1	568	--	2	70
21...	<.04	.86	9.6	724	--	3	70
21...	<.04	.79	8.6	450	.061	2	70
Aug							
06...	<.04	.75	10.9	356	.073	3	70
27...	<.04	1.00	11.3	436	.055	--	70
Sep							
11...	<.04	.90	8.2	458	.033	--	70