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.

DISCHARGE MEASUREMENTS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Date	Discharge, in ft^3/s
Jan 24, 2007	35.9
Feb 21, 2007	18.0
Mar 27, 2007	120
Mar 28, 2007	227
Apr 5, 2007	166
Apr 20, 2007	201
May 3, 2007	120
May 21, 2007	57.8
Jun 13, 2007	11.2
Jul 19, 2007	9.32
Aug 21, 2007	3.92
Sep 7, 2007	2.42
Sep 26, 2007	4.65

WATER-QUALITY RECORDS

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

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

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Part 1 of 3

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

Date	Time	Instantaneous discharge, cfs (00061)	UV absorbance, 254 nm, wat flt units /cm (50624)	SUVA, 254 nm, abs L/(mgDOCx 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)	Specif. conductance, wat unf lab, µS/cm 25 degC (90095)	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)
Jan													
24...	1030	36	.197	3.8	714	13.4	99	5.8	47	48	-2.0	.7	4.20
Feb													
21...	1000	18	.135	3.4	--	11.9	84	6.0	63	61	-4.0	.4	5.24
Mar													
27...	1045	120	.175	4.0	719	13.0	94	5.8	54	53	9.0	.1	3.74
Apr													
05...	0930	166	.190	3.9	714	13.2	101	5.8	46	44	.0	1.1	3.02
May													
03...	0945	120	.245	4.1	724	11.4	104	5.9	31	31	8.0	8.9	2.66
21...	1630	58	.292	4.0	722	9.5	95	6.2	45	37	16.0	13.5	3.28
Jun													
13...	1030	11	.283	3.5	722	8.7	109	6.7	61	48	26.0	23.8	4.14
Jul													
19...	0730	9.3	.282	3.8	713	5.8	70	6.3	63	54	19.0	21.1	5.04
Aug													
21...	1300	3.9	.322	3.8	--	8.1	89	8.0	61	52	21.5	18.1	5.51
21...*	1301	--	.319	3.7	--	--	--	--	62	--	--	--	5.47
Sep													
26...	1030	4.7	.236	3.4	718	7.7	89	7.2	65	61	23.5	19.1	6.01

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

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
Part 2 of 3
[Remark codes: <, less than; E, estimated.]

Date	Magnesium, water, fltrd, mg/L (00925)	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)	Total nitrogen, wat unf by analysis, mg/L (62855)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, unfltrd mg/L (00665)
Jan													
24...	.799	.29	2.77	8	4.13	4.58	E.017	.55	E.001	<.02	.75	E.004	E.006
Feb													
21...	1.17	.32	3.35	13	4.97	5.03	.051	.41	E.001	<.02	.65	E.005	E.006
Mar													
27...	.741	.32	3.88	7	6.17	3.91	.023	.58	E.001	<.02	.80	E.003	E.007
Apr													
05...	.546	.26	2.93	5	4.50	3.51	E.010	.64	E.001	<.02	.84	E.005	E.007
May													
03...	.479	.30	2.00	<5	2.53	3.40	<.020	.37	E.001	<.02	.58	<.006	E.006
21...	.665	.29	2.72	7	3.68	3.69	<.020	.16	E.001	.04	.43	<.006	.011
Jun													
13...	.938	.34	3.40	11	5.18	3.46	<.020	<.06	<.002	.10	.37	E.004	.014
Jul													
19...	1.18	.29	3.90	14	6.04	3.12	<.020	<.06	.003	.07	.38	E.004	.015
Aug													
21...	1.30	.28	3.88	16	5.87	2.96	<.020	<.06	.002	.09	.38	E.004	.016
21...	1.30	.28	3.87	16	5.86	2.92	<.020	<.06	.002	.10	.40	E.004	.013
Sep													
26...	1.50	.35	3.98	17	6.05	2.93	<.020	<.06	<.002	.07	.34	E.003	.015

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

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
Part 3 of 3
[Remark codes: <, less than; E, estimated.]

Date	Total carbon, suspnd sedimnt total, mg/L (00694)	Inor-ganic 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)	Mercury water, fltrd, ng/L (50287)	Mercury suspnd sedimnt total, ng/L (62976)	Methyl-mercury water, fltrd, ng/L (50285)	Methyl-mercury suspnd sedimnt total, ng/L (62977)	Sus-pended sedi-ment concen-tration mg/L (80154)	Sam-pling method, code (82398)
Jan											
24...	<.1	<.1	<.1	5.2	145	1.52	.216	.06	<.009	1	70
Feb											
21...	.2	<.1	.2	3.9	225	1.04	.236	.07	.010	1	70
Mar											
27...	<.1	<.1	<.1	4.4	132	1.70	.296	.09	<.032	1	70
Apr											
05...	.2	<.1	.2	4.9	99	2.06	.383	<.04	.012	1	70
May											
03...	.1	<.1	.1	6.1	96	2.45	.354	<.04	.010	1	70
21...	.4	<.1	.4	7.3	178	2.40	.435	<.04	.024	3	70
Jun											
13...	.7	<.1	.7	8.2	305	1.78	.338	.19	.045	3	70
Jul											
19...	.7	<.1	.7	7.4	523	1.74	.426	.16	.041	5	70
Aug											
21...	.8	<.1	.8	8.6	697	1.36	.408	.10	.037	4	70
21...	.8	<.1	.8	8.7	679	1.34	.393	.11	.032	5	70
Sep											
26...	.8	<.1	.8	7.0	527	1.06	.441	.10	.030	3	70