Water-Data Report 2012

01362090 CATSKILL CREEK NEAR CATSKILL, NY

Upper Hudson Basin
Middle Hudson Subbasin

LOCATION.--Lat 42°13'27.0", long 73°52'51.2" referenced to North American Datum of 1983, Greene County, NY, Hydrologic Unit 02020006, on right bank 0.5 mi downstream of Kaaterskill Creek and 0.85 mi upstream of State Highway 9W bridge in Catskill.

DRAINAGE AREA.--405 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Miscellaneous discharge measurements, water years 2008, 2011. March 2011 to current year.

GAGE.--Water-stage recorder and crest-stage gage. Elevation of gage is 10 ft above NGVD of 1929, from topographic map. Auxiliary water-stage recorder and crest-stage gage, 0.2 mi downstream from base gage at elevation NGVD of 1929, from topographic map.

REMARKS.--Records poor. Telephone gage-height telemeter at station. Flow slightly regulated at low flow by dam upstream.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, about 64,000 ft^3/s, Aug. 28, 2011, gage height, 27.42 ft, from floodmarks, from runoff comparisons of peak flow with nearby stations; minimum discharge not determined.

EXTREMES FOR 2011 YEAR.--(March to September) Maximum discharge, about 64,000 ft^3/s, Aug. 28, gage height, 27.42 ft, from floodmarks, from runoff comparisons of peak flow with nearby stations; minimum discharge not determined.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 12,700 ft^3/s, Dec. 8, gage height, 9.62 ft; minimum discharge not determined.

Suggested citation: U.S. Geological Survey, 2013, Water-resources data for the United States, Water Year 2012: U.S. Geological Survey Water-Data Report WDR-US-2012, site 01362090, accessed at http://wdr.water.usgs.gov/wy2012/pdfs/01362090.2012.pdf

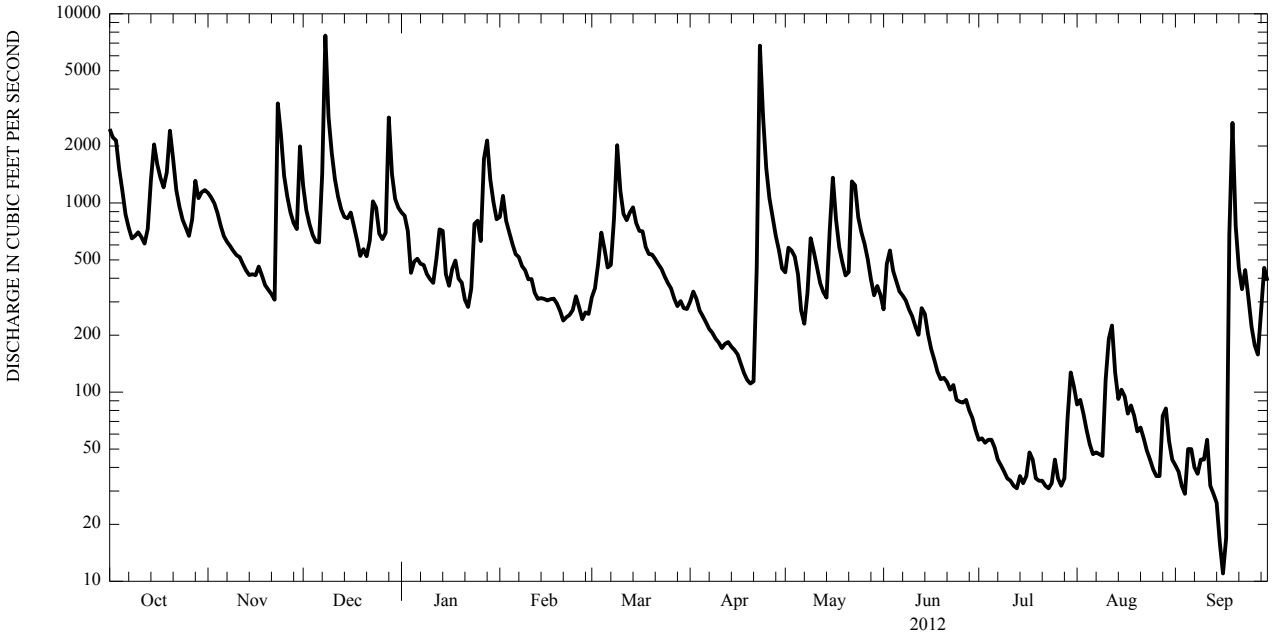
01362090 CATSKILL CREEK NEAR CATSKILL, NY—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
DAILY MEAN VALUES

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	1,280	672	1,460	431	395	99	1,290
2	---	---	---	---	---	1,030	709	1,180	379	331	86	960
3	---	---	---	---	---	808	670	1,030	323	2,600	75	756
4	---	---	---	---	---	740	876	1,690	283	2,320	73	644
5	---	---	---	---	---	775	2,140	1,880	249	1,040	74	1,510
6	---	---	---	---	---	5,890	1,890	1,280	235	687	63	5,180
7	---	---	---	---	---	9,970	1,350	1,050	204	552	68	19,800
8	---	---	---	---	---	4,150	1,130	901	192	453	69	14,400
9	---	---	---	---	---	2,520	980	777	250	750	94	5,990
10	---	---	---	---	---	2,670	928	677	292	586	256	2,860
11	---	---	---	---	---	24,000	985	591	276	437	137	1,800
12	---	---	---	---	---	10,500	1,080	529	466	361	97	1,350
13	---	---	---	---	---	5,040	1,230	471	417	296	78	1,050
14	---	---	---	---	---	3,430	1,280	433	344	250	70	851
15	---	---	---	---	---	2,550	979	450	303	212	446	748
16	---	---	---	---	---	2,610	941	1,800	261	184	2,040	709
17	---	---	---	---	---	3,270	8,750	3,420	318	161	1,080	550
18	---	---	---	---	---	4,890	3,530	3,930	433	144	609	468
19	---	---	---	---	---	4,290	2,210	8,750	292	141	473	413
20	---	---	---	---	---	2,510	2,070	7,710	235	129	564	373
21	---	---	---	---	---	1,980	1,700	4,290	198	115	405	346
22	---	---	---	---	---	1,750	1,320	2,490	198	102	424	376
23	---	---	---	---	---	1,470	1,460	1,770	599	90	359	394
24	---	---	---	---	---	1,280	1,620	1,490	1,020	83	282	812
25	---	---	---	---	---	1,150	1,330	1,190	1,490	100	242	645
26	---	---	---	---	---	922	1,940	960	1,080	136	351	499
27	---	---	---	---	---	824	2,300	921	747	134	395	423
28	---	---	---	---	---	737	3,220	775	568	113	e49,200	1,980
29	---	---	---	---	---	694	3,030	656	603	99	e23,600	7,070
30	---	---	---	---	---	649	1,940	577	504	107	3,640	5,110
31	---	---	---	---	---	648	---	500	---	137	1,930	---
Total	---	---	---	---	---	105,027	54,260	55,628	13,190	13,245	87,379	79,357
Mean	---	---	---	---	---	3,388	1,809	1,794	440	427	2,819	2,645
Max	---	---	---	---	---	24,000	8,750	8,750	1,490	2,600	49,200	19,800
Min	---	---	---	---	---	648	670	433	192	83	63	346
Cfsm	---	---	---	---	---	8.37	4.47	4.43	1.09	1.05	6.96	6.53
In.	---	---	---	---	---	9.65	4.98	5.11	1.21	1.22	8.03	7.29

01362090 CATSKILL CREEK NEAR CATSKILL, NY—Continued



CURRENT WATER YEAR DAILY MEAN DISCHARGE.

01362090 CATSKILL CREEK NEAR CATSKILL, NY—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
DAILY MEAN VALUES

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	2,460	1,130	1,230	891	843	317	301	e430	274	56	86	41
2	2,220	1,070	916	856	1,090	354	340	e580	475	57	91	38
3	2,140	995	773	710	804	476	311	e560	561	54	77	32
4	1,510	884	678	427	697	697	270	e520	438	56	63	29
5	1,160	758	625	490	606	572	252	e420	386	56	53	50
6	e870	668	618	507	536	456	234	e270	341	51	47	50
7	e740	623	1,420	477	517	470	216	e230	324	44	48	40
8	e650	591	7,670	470	464	826	206	335	305	41	47	37
9	e670	557	2,850	421	440	2,020	192	651	274	38	46	44
10	e700	530	1,850	396	395	1,160	183	552	252	35	116	44
11	e660	517	1,340	378	396	874	171	457	223	34	191	56
12	e610	475	1,080	505	335	811	180	377	201	32	225	32
13	e730	440	925	725	311	891	184	338	278	31	127	29
14	e1,320	416	843	712	314	948	174	316	259	36	92	26
15	e2,040	420	830	420	311	783	167	709	203	33	103	16
16	e1,600	415	890	365	305	712	158	1,360	169	36	95	11
17	e1,360	461	755	449	310	708	141	817	148	48	77	17
18	e1,210	414	634	496	312	585	126	586	128	44	85	681
19	e1,450	368	525	398	294	537	116	485	117	35	75	2,650
20	2,410	348	570	379	269	534	111	414	119	34	62	757
21	1,710	330	523	308	239	505	114	431	113	34	65	454
22	1,170	308	632	282	249	474	455	1,300	103	32	57	350
23	953	3,360	1,020	353	256	447	6,790	1,240	109	31	49	442
24	815	2,290	945	775	272	408	2,860	840	91	33	44	317
25	741	1,390	688	806	321	377	1,530	699	89	44	39	222
26	670	1,080	644	629	281	353	1,060	608	88	35	36	177
27	818	891	695	1,710	243	312	845	504	91	32	36	158
28	1,310	783	2,830	2,140	264	285	671	395	80	35	75	267
29	1,060	728	1,420	1,330	259	303	563	325	73	73	82	454
30	1,140	1,990	1,050	1,010	---	278	e450	364	63	127	55	388
31	1,170	---	945	820	---	275	---	327	---	107	44	---
Total	38,067	25,230	38,414	20,635	11,933	18,748	19,371	17,440	6,375	1,434	2,388	7,909
Mean	1,228	841	1,239	666	411	605	646	563	212	46.3	77.0	264
Max	2,460	3,360	7,670	2,140	1,090	2,020	6,790	1,360	561	127	225	2,650
Min	610	308	523	282	239	275	111	230	63	31	36	11
Cfsm	3.03	2.08	3.06	1.64	1.02	1.49	1.59	1.39	0.52	0.11	0.19	0.65
In.	3.50	2.32	3.53	1.90	1.10	1.72	1.78	1.60	0.59	0.13	0.22	0.73

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2008 - 2012, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	1,228	841	1,239	666	411	1,996	1,227	1,179	326	237	1,448	1,454
Max	1,228	841	1,239	666	411	3,388	1,809	1,794	440	427	2,819	2,645
(WY)	(2012)	(2012)	(2012)	(2012)	(2012)	(2011)	(2011)	(2011)	(2011)	(2011)	(2011)	(2011)
Min	1,228	841	1,239	666	411	605	646	563	212	46.3	77.0	264
(WY)	(2012)	(2012)	(2012)	(2012)	(2012)	(2012)	(2012)	(2012)	(2012)	(2012)	(2012)	(2012)

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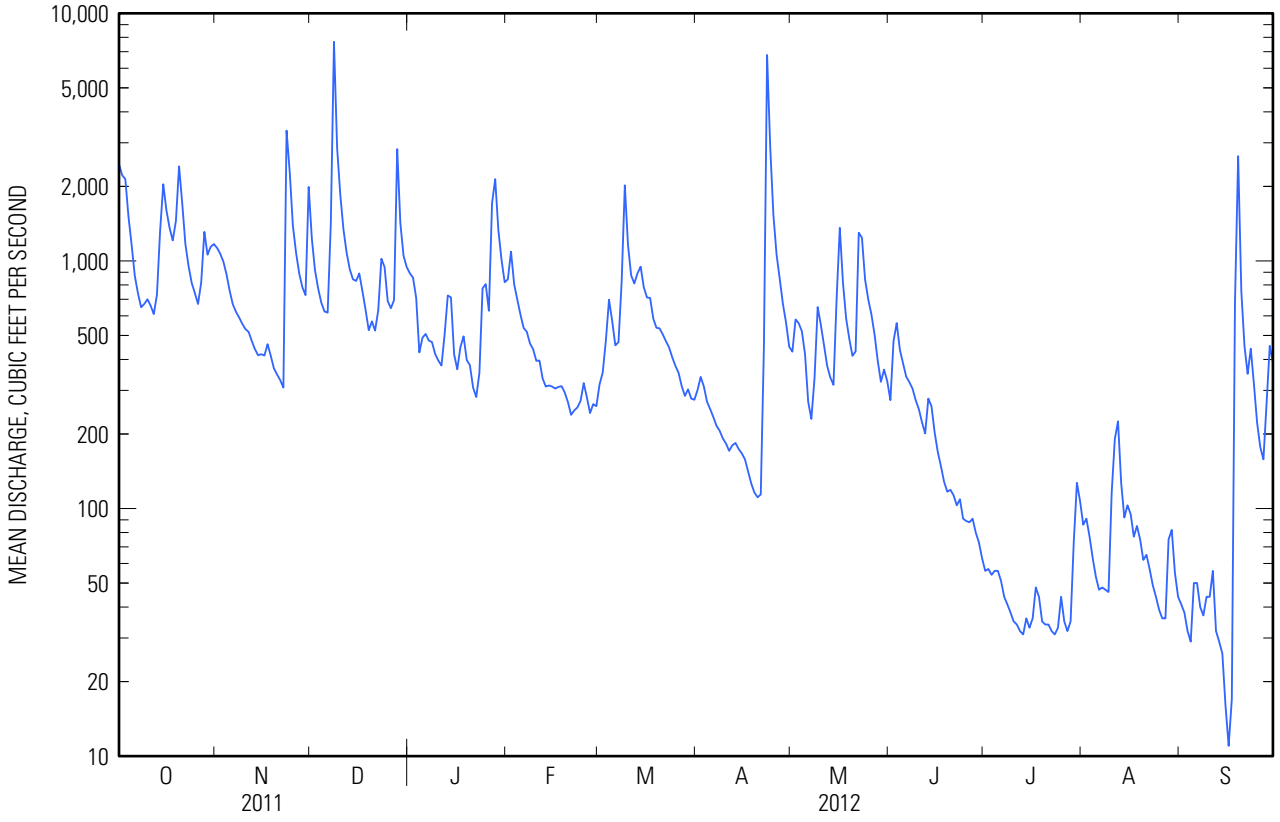
SUMMARY STATISTICS

	Water Year 2012		Water Years 2008 - 2012	
Annual total	207,944			
Annual mean	568		568	
Highest annual mean			568	2012
Lowest annual mean			568	2012
Highest daily mean	7,670	Dec 8	49,200	Aug 28, 2011
Lowest daily mean	11	Sep 16	11	Sep 16, 2012
Annual seven-day minimum	27	Sep 11	27	Sep 11, 2012
Annual runoff (cfsm)	1.40		1.40	
Annual runoff (inches)	19.10		19.06	
10 percent exceeds	1,180		1,180	
50 percent exceeds	396		396	
90 percent exceeds	44		44	



01362090 CATSKILL CREEK NEAR CATSKILL, NY—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--
SEDIMENT DATA: 2011-12 (e).

PERIOD OF DAILY RECORD.--
SUSPENDED-SEDIMENT DISCHARGE: March 2011 to current year.

REMARKS.--Point samples are collected using an automatic sampler with teflon-lined sample tubing. Tubing is housed in a 2 in diameter galvanized steel pipe extending 5 ft from the right bank and 3 ft off the channel bottom. A sampling method code of "SS Pumping" indicates suspended sediment sampling using a pumping mechanism. Turbidity data are collected every 15 minutes using an in situ turbidity probe located 30 ft upstream of the automatic sampler intake tubing. Daily suspended-sediment load and concentration are derived from a regression equation relating turbidity to suspended-sediment concentration.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SUSPENDED-SEDIMENT CONCENTRATION: Maximum daily mean, about 4,150 mg/L, Aug. 28, 2011; minimum daily mean, 1 mg/L on many days in 2011-12 water years.
SUSPENDED-SEDIMENT DISCHARGE: Maximum daily, about 496,000 tons, Aug. 28, 2011; minimum daily, 0.06 tons, Sept. 16, 2012.

EXTREMES FOR 2011 YEAR.--(March to September)
SUSPENDED-SEDIMENT CONCENTRATION: Maximum daily mean, about 4,150 mg/L, Aug. 28; minimum daily mean, 1 mg/L on many days.
SUSPENDED-SEDIMENT DISCHARGE: Maximum daily, about 496,000 tons, Aug. 28; minimum daily, 0.17 tons, Aug. 6.

EXTREMES FOR CURRENT YEAR.--
SUSPENDED-SEDIMENT CONCENTRATION: Maximum daily mean, 1,530 mg/L, Sept. 19; minimum daily mean, 1 mg/L on many days.
SUSPENDED-SEDIMENT DISCHARGE: Maximum daily, 19,700 tons, Apr. 23; minimum daily, 0.06 tons, Sept. 16.

01362090 CATSKILL CREEK NEAR CATSKILL, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

[mg/L, milligrams per liter]

Date	Sample start time	Sampling method (82398)	Suspended sediment concen-tration, mg/L (80154)
04-21-2012	**2050**	SS Pumping	364
04-22-2012	**2030**	SS Pumping	12
04-22-2012	**2330**	SS Pumping	15
04-23-2012	**0230**	SS Pumping	63
04-23-2012	**0530**	SS Pumping	433
04-23-2012	**0830**	SS Pumping	868
04-23-2012	**1130**	SS Pumping	790
04-23-2012	**1430**	SS Pumping	455
04-23-2012	**1730**	SS Pumping	256
04-23-2012	**2030**	SS Pumping	196
04-24-2012	**0230**	SS Pumping	87
08-11-2012	**1930**	SS Pumping	21
08-12-2012	**0740**	SS Pumping	8
09-18-2012	**0820**	SS Pumping	6
09-18-2012	**1730**	SS Pumping	10
09-18-2012	**2030**	SS Pumping	372
09-18-2012	**2330**	SS Pumping	1,390
09-19-2012	**0230**	SS Pumping	1,470
09-19-2012	**0530**	SS Pumping	738
09-19-2012	**1130**	SS Pumping	205
09-19-2012	**1730**	SS Pumping	102
09-19-2012	**2330**	SS Pumping	60
09-20-2012	**0830**	SS Pumping	32

01362090 CATSKILL CREEK NEAR CATSKILL, NY—Continued

SUSPENDED SEDIMENT CONCENTRATION, WATER, UNFILTERED, ESTIMATED BY REGRESSION EQUATION, MILLIGRAMS PER LI
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

[e, estimated]

Day	Mean concentration (mg/L)	Sediment discharge (tons/day)	Mean concentration (mg/L)	Sediment discharge (tons/day)	Mean concentration (mg/L)	Sediment discharge (tons/day)	Mean concentration (mg/L)	Sediment discharge (tons/day)	Mean concentration (mg/L)	Sediment discharge (tons/day)	Mean concentration (mg/L)	Sediment discharge (tons/day)
	October		November		December		January		February		March	
1	---	---	---	---	---	---	---	---	---	---	20	69
2	---	---	---	---	---	---	---	---	---	---	11	31
3	---	---	---	---	---	---	---	---	---	---	5	12
4	---	---	---	---	---	---	---	---	---	---	4	7.2
5	---	---	---	---	---	---	---	---	---	---	4	9.5
6	---	---	---	---	---	---	---	---	---	---	440	12,200
7	---	---	---	---	---	---	---	---	---	---	294	9,600
8	---	---	---	---	---	---	---	---	---	---	50	602
9	---	---	---	---	---	---	---	---	---	---	25	174
10	---	---	---	---	---	---	---	---	---	---	41	409
11	---	---	---	---	---	---	---	---	---	---	1,150	84,000
12	---	---	---	---	---	---	---	---	---	---	236	7,830
13	---	---	---	---	---	---	---	---	---	---	65	910
14	---	---	---	---	---	---	---	---	---	---	33	308
15	---	---	---	---	---	---	---	---	---	---	22	151
16	---	---	---	---	---	---	---	---	---	---	23	160
17	---	---	---	---	---	---	---	---	---	---	34	316
18	---	---	---	---	---	---	---	---	---	---	118	1,840
19	---	---	---	---	---	---	---	---	---	---	85	1,120
20	---	---	---	---	---	---	---	---	---	---	21	146
21	---	---	---	---	---	---	---	---	---	---	15	81
22	---	---	---	---	---	---	---	---	---	---	12	58
23	---	---	---	---	---	---	---	---	---	---	12	49
24	---	---	---	---	---	---	---	---	---	---	11	38
25	---	---	---	---	---	---	---	---	---	---	8	25
26	---	---	---	---	---	---	---	---	---	---	6	14
27	---	---	---	---	---	---	---	---	---	---	5	10
28	---	---	---	---	---	---	---	---	---	---	4	7.7
29	---	---	---	---	---	---	---	---	---	---	4	6.8
30	---	---	---	---	---	---	---	---	---	---	3	4.9
31	---	---	---	---	---	---	---	---	---	---	3	4.6
Total	---	---	---	---	---	---	---	---	---	---	---	120,193.7

01362090 CATSKILL CREEK NEAR CATSKILL, NY—Continued

SUSPENDED SEDIMENT CONCENTRATION, WATER, UNFILTERED, ESTIMATED BY REGRESSION EQUATION, MILLIGRAMS PER LI
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

[e, estimated]

Day	Mean concentration (mg/L)	Sediment discharge (tons/day)	Mean concentration (mg/L)	Sediment discharge (tons/day)	Mean concentration (mg/L)	Sediment discharge (tons/day)	Mean concentration (mg/L)	Sediment discharge (tons/day)	Mean concentration (mg/L)	Sediment discharge (tons/day)	Mean concentration (mg/L)	Sediment discharge (tons/day)
	April		May		June		July		August		September	
1	3	5.6	6	23	1	1.7	2	2.7	2	0.41	56	197
2	3	5.7	4	13	2	1.7	3	2.3	1	0.33	32	85
3	2	4.5	3	8.8	2	1.5	442	8,840	1	0.21	20	40
4	7	27	14	76	1	1.0	60	467	1	0.20	12	21
5	67	394	10	55	1	0.84	9	25	1	0.20	92	404
6	37	204	4	13	1	0.72	4	8.2	1	0.17	443	6,980
7	10	38	3	8.8	1	0.57	3	4.9	1	0.18	2,050	150,000
8	6	20	3	6.2	2	1.2	3	3.1	1	0.20	764	31,600
9	4	11	2	4.4	4	2.7	8	18	13	5.4	178	3,100
10	4	8.8	2	3.8	1	1.1	5	8.6	28	19	78	632
11	4	11	2	2.6	2	1.4	2	2.5	15	5.8	46	228
12	13	36	2	2.5	2	3.1	1	1.4	6	1.6	32	117
13	18	59	2	2.6	3	3.0	1	0.81	3	0.56	36	102
14	18	64	2	2.5	2	2.1	1	0.68	2	0.38	20	46
15	4	12	1	1.8	2	1.7	1	0.57	29	57	18	37
16	68	333	56	321	2	1.4	1	0.50	48	268	13	25
17	508	13,300	59	569	3	2.8	1	0.46	11	35	12	18
18	42	435	45	541	7	8.5	1	0.57	5	8.5	9	11
19	18	106	347	9,290	2	1.7	1	0.55	4	4.5	5	5.4
20	18	99	129	2,820	2	1.2	3	0.96	4	6.3	4	3.6
21	12	55	38	493	2	0.95	1	0.33	10	11	3	2.9
22	9	32	14	98	3	1.4	1	0.28	2	2.5	7	7.3
23	12	53	9	41	6	11	1	0.27	2	1.6	7	8.0
24	10	46	7	27	20	60	1	0.22	1	0.97	80	186
25	5	20	5	16	87	358	4	1.3	3	2.1	30	54
26	27	164	4	10	13	38	3	1.2	3	2.8	7	10
27	26	166	5	11	6	11	2	0.69	4	4.5	5	5.4
28	96	1,070	3	5.8	4	5.9	1	0.39	e4,150	e496,000	515	7,460
29	34	305	2	4.0	5	7.5	1	0.29	e1,430	e82,000	859	15,800
30	10	53	2	3.0	4	4.9	1	0.32	274	2,840	201	3,200
31	---	---	2	2.2	---	---	1	0.37	122	656	---	---
Total	---	17,137.6	---	14,476.0	---	538.58	---	9,394.46	---	581,935.41	---	220,385.6

01362090 CATSKILL CREEK NEAR CATSKILL, NY—Continued

SUSPENDED SEDIMENT CONCENTRATION, WATER, UNFILTERED, ESTIMATED BY REGRESSION EQUATION, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

[e, estimated]

Day	Mean concentration (mg/L)	Sediment discharge (tons/day)	Mean concentration (mg/L)	Sediment discharge (tons/day)	Mean concentration (mg/L)	Sediment discharge (tons/day)	Mean concentration (mg/L)	Sediment discharge (tons/day)	Mean concentration (mg/L)	Sediment discharge (tons/day)	Mean concentration (mg/L)	Sediment discharge (tons/day)
	October		November		December		January		February		March	
1	60	414	4	13	17	58	5	12	5	11	2	1.6
2	47	290	4	11	5	13	5	11	29	84	9	8.6
3	49	291	3	8.2	3	6.4	6	12	11	23	42	63
4	24	100	3	6.1	2	3.9	3	3.8	4	8.4	46	88
5	14	44	2	4.2	2	3.3	3	4.1	3	5.4	8	13
6	10	e23	2	3.2	2	3.1	6	8.8	2	3.4	3	3.6
7	6	e12	2	2.8	46	581	2	2.6	2	2.8	2	2.8
8	4	e6.9	1	2.2	359	9,920	2	2.4	2	2.3	7	26
9	3	e5.4	1	2.0	31	255	2	2.8	2	1.9	213	1,240
10	2	e4.5	1	1.5	13	65	2	1.7	1	1.4	34	116
11	2	e3.6	1	1.4	7	27	2	1.6	1	1.3	10	24
12	1	e2.4	1	1.3	7	20	21	34	1	1.3	7	14
13	2	e4.0	1	1.2	7	19	29	54	1	0.85	9	21
14	270	e962	1	1.1	4	10	8	15	1	0.85	35	87
15	85	e467	1	1.1	5	12	4	5.0	1	0.84	25	54
16	20	e85	1	1.1	13	31	3	3.5	1	0.82	12	22
17	9	e33	1	1.2	9	19	3	3.3	1	0.86	10	18
18	8	e25	1	1.2	3	5.4	3	4.1	1	1.1	10	16
19	7	e27	1	1.0	3	4.1	2	2.2	1	0.80	9	13
20	46	343	1	0.87	7	11	3	2.7	1	0.73	6	8.6
21	35	178	1	0.85	8	11	2	1.3	4	2.4	5	7.0
22	8	25	1	0.55	24	39	2	1.2	1	0.75	4	5.2
23	4	11	310	4,020	46	136	2	2.6	1	0.69	3	3.6
24	2	5.5	53	364	35	93	35	77	1	0.91	3	3.0
25	2	4.1	13	51	7	12	21	47	3	2.3	2	2.1
26	2	3.6	7	19	3	5.2	10	17	3	2.5	2	2.1
27	3	7.5	5	11	44	133	187	1,010	2	1.3	1	1.1
28	18	65	4	7.5	207	1,730	154	998	3	2.2	1	0.82
29	8	23	3	6.2	21	86	27	100	1	0.92	1	0.83
30	8	25	76	447	8	22	12	34	---	---	1	0.77
31	7	23	---	---	6	14	7	15	---	---	1	0.76
Total	---	3,513.5	---	4,992.77	---	13,348.4	---	2,489.7	---	167.02	---	1,867.48

01362090 CATSKILL CREEK NEAR CATSKILL, NY—Continued

SUSPENDED SEDIMENT CONCENTRATION, WATER, UNFILTERED, ESTIMATED BY REGRESSION EQUATION, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

[e, estimated]

Day	Mean concentration (mg/L)	Sediment discharge (tons/day)	Mean concentration (mg/L)	Sediment discharge (tons/day)	Mean concentration (mg/L)	Sediment discharge (tons/day)	Mean concentration (mg/L)	Sediment discharge (tons/day)	Mean concentration (mg/L)	Sediment discharge (tons/day)	Mean concentration (mg/L)	Sediment discharge (tons/day)
	April		May		June		July		August		September	
1	1	0.83	3	e3.2	3	2.6	2	0.33	1	0.32	2	0.22
2	1	0.92	2	e3.4	9	14	2	0.35	4	0.89	3	0.34
3	1	0.88	2	e3.1	9	14	2	0.30	4	0.93	3	0.25
4	1	0.88	2	e2.8	5	5.5	2	0.34	1	0.25	3	0.20
5	1	0.75	2	e2.3	4	4.6	2	0.33	1	0.15	4	0.54
6	1	0.71	2	e1.5	3	2.6	3	0.43	1	0.14	3	0.40
7	1	0.62	2	e1.3	3	2.2	2	0.25	1	0.19	2	0.25
8	1	0.61	3	2.7	2	2.1	2	0.20	1	0.18	3	0.30
9	1	0.59	4	7.6	2	1.8	2	0.20	1	0.14	3	0.39
10	1	0.66	4	5.4	2	1.5	2	0.19	11	4.4	3	0.41
11	2	0.81	2	3.0	2	1.2	2	0.18	22	11	4	0.91
12	2	0.92	2	2.2	2	1.1	2	0.14	7	4.4	3	0.22
13	2	0.85	2	1.7	2	1.8	1	0.12	4	1.6	2	0.18
14	2	0.90	2	2.0	2	1.7	2	0.19	3	0.82	2	0.18
15	2	0.90	7	20	2	1.1	2	0.17	6	1.6	2	0.10
16	2	0.79	61	239	2	0.91	2	0.15	3	0.69	2	0.06
17	2	0.84	10	22	2	0.82	1	0.17	2	0.46	2	0.11
18	3	1.0	6	10	2	0.70	1	0.13	2	0.38	624	6,530
19	3	0.99	4	5.6	2	0.63	1	0.11	1	0.30	1,530	17,200
20	3	0.78	3	3.3	2	0.53	2	0.17	2	0.31	72	161
21	3	0.90	7	10	1	0.41	2	0.18	2	0.31	25	32
22	13	19	93	306	1	0.35	2	0.14	2	0.27	16	15
23	771	19,700	17	59	1	0.40	2	0.15	1	0.18	25	30
24	80	688	7	16	1	0.36	2	0.13	1	0.14	17	15
25	23	99	5	9.9	2	0.45	2	0.20	1	0.13	6	3.9
26	10	30	4	7.4	3	0.62	2	0.16	1	0.11	5	2.3
27	6	15	4	5.0	2	0.55	1	0.12	1	0.12	4	1.7
28	5	8.3	3	3.1	2	0.43	2	0.16	7	1.4	6	4.7
29	4	5.8	2	1.9	2	0.41	5	1.1	6	1.4	12	15
30	3	e3.9	2	2.1	2	0.34	4	1.3	5	0.77	7	7.3
31	---	---	3	2.7	---	---	2	0.59	3	0.40	---	---
Total	---	20,586.13	---	765.2	---	65.71	---	8.68	---	34.38	---	24,022.96

	Total suspended sediment discharge (tons)
Year	71,861.93