01361000 KINDERHOOK CREEK AT ROSSMAN, NY

Upper Hudson Basin
Middle Hudson Subbasin

LOCATION.--Lat 42°19′50″, long 73°44′40″ referenced to North American Datum of 1927, Columbia County, NY, Hydrologic Unit 02020006, on right bank just downstream from Rossman Road bridge, 1.0 mi upstream from Claverack Creek, and 2.25 mi downstream from Stuyvesant Falls, in Rossman.

DRAINAGE AREA.--329 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Annual maximum only--1906-14, 1928, 1984, 1988 to current year, continuous record--1929-68.

GAGE.--Crest-stage partial-record station. Datum of gage is 24.78 ft above NGVD of 1929. Prior to May 1914, at same site at different datum, and 1928-1962 water years, at same site at datum 1.00 ft higher.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 29,800 ft^3/s, Dec. 31, 1948, gage height, 20.8 ft, present datum, from floodmarks.

MAXIMUM PEAK DISCHARGE
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Date	Discharge, in ft^3/s	Discharge qualification code	Gage height, in ft	Gage height qualification code
Aug 29, 2011	15,000	9	11.81	---

Discharge qualification code:
9 - Discharge due to snowmelt, hurricane, ice-jam or debris dam breakup

Suggested citation: U.S. Geological Survey, 2012, Water-resources data for the United States, Water Year 2011: U.S. Geological Survey Water-Data Report WDR-US-2011, site 01361000, accessed at http://wdr.water.usgs.gov/wy2011/pdfs/01361000.2011.pdf

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WATER-QUALITY RECORDS

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

REMARKS.--Point samples are collected using an ISCO 6700 autosampler with teflon-lined sample tubing. Tubing is housed in a 2 in diameter galvanized steel pipe extending 25 ft from the right bank. Sample intake tubing is 18 in above channel bottom. A sampling method code of "EWI" indicates an equal-width-increment sample.

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
Part 1 of 3
[mg/L, milligrams per liter]

Date	Sample start time	Sampling method (82398)	Suspended sediment concen-tration, mg/L (80154)
03-02-2011	1140	Point sample	11
03-05-2011	1210	Point sample	11
03-06-2011	0540	Point sample	58
03-06-2011	1155	Point sample	666
03-06-2011	1825	Point sample	560
03-07-2011	0410	Point sample	851
03-07-2011	0725	Point sample	1,370
03-07-2011	1040	Point sample	1,390
03-07-2011	1355	Point sample	1,180
03-07-2011	1710	Point sample	1,140
03-07-2011	2340	Point sample	636
03-08-2011	0610	Point sample	337
03-08-2011	1240	Point sample	191
03-08-2011	1455	Point sample	207
03-08-2011	1515	EWI	168
03-08-2011	1530	Point sample	185
03-08-2011	2226	Point sample	125
03-09-2011	1156	Point sample	105
03-10-2011	1156	Point sample	79
03-10-2011	2104	Point sample	43
03-11-2011	0326	Point sample	72
03-11-2011	0641	Point sample	108
03-11-2011	0956	Point sample	183
03-11-2011	1156	Point sample	232
03-11-2011	1344	Point sample	349
03-11-2011	1405	EWI	343
03-11-2011	1412	Point sample	373
03-11-2011	1625	Point sample	586
03-11-2011	1945	Point sample	595
03-11-2011	2300	Point sample	468
03-12-2011	0215	Point sample	351
03-12-2011	0530	Point sample	381
03-12-2011	1200	Point sample	143
03-12-2011	1615	Point sample	121
03-13-2011	1200	Point sample	55
03-14-2011	1200	Point sample	67
03-15-2011	1200	Point sample	30
03-16-2011	1200	Point sample	22
03-17-2011	1200	Point sample	33
03-18-2011	1200	Point sample	38

01361000 KINDERHOOK CREEK AT ROSSMAN, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
Part 2 of 3
[mg/L, milligrams per liter]

Date	Sample start time	Sampling method (82398)	Suspended sediment concen-tration, mg/L (80154)
03-19-2011	1200	Point sample	46
03-20-2011	1200	Point sample	27
03-22-2011	1200	Point sample	15
03-26-2011	1200	Point sample	8
03-31-2011	1200	Point sample	4
04-01-2011	1200	Point sample	5
04-02-2011	1200	Point sample	8
04-03-2011	1200	Point sample	4
04-04-2011	1200	Point sample	12
04-04-2011	1505	Point sample	19
04-04-2011	2030	Point sample	10
04-05-2011	0145	Point sample	28
04-05-2011	0700	Point sample	44
04-05-2011	1200	Point sample	36
04-05-2011	1730	Point sample	28
04-05-2011	2245	Point sample	114
04-06-2011	0400	Point sample	115
04-06-2011	0915	Point sample	62
04-06-2011	1430	Point sample	28
04-07-2011	0100	Point sample	20
04-07-2011	1645	Point sample	11
04-08-2011	1200	Point sample	12
04-09-2011	1200	Point sample	7
04-11-2011	1910	Point sample	12
04-14-2011	1200	Point sample	6
04-16-2011	1200	Point sample	4
04-17-2011	0230	Point sample	88
04-17-2011	0845	Point sample	33
04-17-2011	1500	Point sample	164
04-17-2011	2115	Point sample	121
04-18-2011	0330	Point sample	69
04-18-2011	0945	Point sample	39
04-18-2011	1600	Point sample	50
04-19-2011	0430	Point sample	18
04-20-2011	1200	Point sample	13
04-22-2011	1200	Point sample	7
04-24-2011	1200	Point sample	10
04-26-2011	1200	Point sample	13
04-27-2011	1200	Point sample	16
04-28-2011	1710	Point sample	22

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
Part 3 of 3
[mg/L, milligrams per liter]

Date	Sample start time	Sampling method (82398)	Suspended sediment concen-tration, mg/L (80154)
04-29-2011	1200	Point sample	31
04-30-2011	1200	Point sample	18
05-01-2011	1200	Point sample	11
08-27-2011	2315	Point sample	14
08-28-2011	0230	Point sample	27
08-28-2011	0545	Point sample	66
08-28-2011	0900	Point sample	239
08-28-2011	1215	Point sample	426
08-28-2011	1530	Point sample	752
08-28-2011	1845	Point sample	1,390
08-28-2011	2200	Point sample	2,330
08-29-2011	0115	Point sample	1,740
08-29-2011	0430	Point sample	1,250
08-29-2011	0745	Point sample	908
08-29-2011	1100	Point sample	697
08-29-2011	1415	Point sample	513
08-29-2011	1730	Point sample	272
08-29-2011	2045	Point sample	194
08-30-2011	0000	Point sample	159
08-30-2011	0630	Point sample	103
08-30-2011	1300	Point sample	81
08-30-2011	2230	Point sample	62
08-31-2011	1715	Point sample	34
09-01-2011	1200	Point sample	22
09-02-2011	0645	Point sample	18
09-03-2011	0745	Point sample	11
09-04-2011	0845	Point sample	10
09-05-2011	0330	Point sample	42
09-05-2011	0945	Point sample	19
09-05-2011	1600	Point sample	31
09-05-2011	2215	Point sample	116
09-06-2011	0430	Point sample	287