Water-Data Report 2011

# 01357500 MOHAWK RIVER AT COHOES, NY

Upper Hudson Basin
Mohawk Subbasin

LOCATION.--Lat 42°47′07″, long 73°42′29″ referenced to North American Datum of 1927, Albany County, NY, Hydrologic Unit 02020004, on right bank at School Street powerplant in Cohoes, and 2.0 mi upstream from mouth. Water-quality sampling site at bridge on State Highway 32, 0.75 mi below gage.

DRAINAGE AREA.--3,450 $mi^2$.

## SURFACE-WATER RECORDS

PERIOD OF RECORD.--December 1917 to current year. Prior to July 17, 1925, published as "at Crescent Dam".

REVISED RECORDS.--WSP 1302: 1919-23 (M). WDR NY-90-1: Drainage area.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 49.13 ft above NGVD of 1929. Dec. 1, 1917, to July 16, 1925, water-stage recorder at site 1.7 mi upstream at Crescent Dam at datum 130.87 ft higher. July 17 to Oct. 19, 1925, powerplant gage at present site.

COOPERATION.--Diversions through Barge Canal at Lock 6 (see 01357499) provided by New York State Department of Transportation.

REMARKS.--No estimated daily discharges. Records fair except those below 1,000 $ft^3/s$, which are poor. Flow published for this site may be affected by diversions for municipal water supplies upstream from station. Total flow of Mohawk River equals flow published at Cohoes which includes small diversion for Cohoes water supply, plus flow diverted at Crescent Dam to Barge Canal through Lock 6 (see 01357499 Mohawk River Diversion at Crescent Dam). Prior to 1926 records published as total flow. Satellite and telephone gage-height telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 143,000 $ft^3/s$, Mar. 6, 1964, result of release from ice jam, gage height, 23.15 ft; minimum discharge (water years 1918-90), 6 $ft^3/s$, Sept. 18, 1941, gage height, 3.40 ft.

EXTREMES OUTSIDE PERIOD OF RECORD.--An extreme flood occurred sometime from 1860-65 with a depth of 12 ft on the Cohoes dam and a peak discharge estimated to be at least 200,000 $ft^3/s$ (from New York State Museum Bulletin 85).

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 41,000 $ft^3/s$ and (or) maximum (*):

| Date | Time | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|
| Oct 2 | 0000 | 57,000 | 18.15 |
| Oct 7 | 1530 | 41,100 | 16.73 |
| Mar 12 | 1300 | 56,700 | 18.13 |
| Mar 19 | 0430 | 54,200 | 17.92 |
| Apr 29 | 0815 | 57,600 | 18.20 |
| Aug 29 | 1300 | *117,000 | a*21.86 |
| Sep 8 | 1500 | 93,300 | 20.51 |

a Recorded; outside gage height was 22.34 ft, from crest-stage gage.

Minimum discharge not determined.



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 01357500, accessed at http://wdr.water.usgs.gov/wy2011/pdfs/01357500.2011.pdf

**01357500 MOHAWK RIVER AT COHOES, NY—Continued**

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

| Day | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 35,500 | 6,960 | 10,600 | 4,700 | 3,500 | 6,040 | 8,630 | 26,000 | 4,480 | 9,120 | 1,860 | 10,500 |
| 2 | 43,400 | 6,890 | 33,300 | 5,960 | 3,160 | 9,420 | 9,460 | 18,400 | 5,130 | 6,490 | 1,130 | 7,000 |
| 3 | 22,100 | 6,490 | 27,600 | 7,440 | 2,980 | 9,070 | 10,100 | 13,300 | 3,540 | 3,430 | 1,320 | 7,810 |
| 4 | 17,800 | 6,440 | 21,000 | 6,840 | 3,010 | 7,420 | 10,700 | 14,400 | 4,610 | 5,850 | 1,240 | 6,330 |
| 5 | 12,600 | 13,300 | 16,300 | 5,680 | 3,230 | 7,010 | 18,400 | 23,700 | 2,670 | 6,420 | 1,280 | 10,700 |
| 6 | 17,300 | 12,600 | 12,400 | 5,030 | 3,030 | 10,100 | 24,500 | 19,100 | 1,190 | 3,130 | 1,730 | 21,800 |
| 7 | 34,500 | 10,000 | 10,100 | 4,570 | 3,210 | 28,200 | 19,300 | 15,000 | 1,710 | 4,370 | 2,160 | 36,400 |
| 8 | 26,000 | 8,840 | 8,970 | 4,650 | 3,610 | 24,900 | 16,500 | 11,100 | 2,600 | 3,000 | 2,290 | 82,200 |
| 9 | 18,400 | 10,100 | 8,040 | 3,970 | 3,900 | 20,500 | 13,600 | 8,270 | 2,620 | 8,540 | 2,300 | 69,200 |
| 10 | 12,500 | 11,800 | 6,630 | 3,670 | 3,470 | 16,900 | 12,200 | 4,860 | 2,750 | 3,640 | 2,220 | 37,800 |
| 11 | 9,380 | 9,260 | 6,380 | 3,810 | 3,700 | 22,800 | 11,300 | 1,700 | 4,160 | 3,460 | 1,700 | 24,100 |
| 12 | 5,380 | 7,630 | 7,260 | 4,570 | 3,160 | 49,400 | 13,600 | 1,670 | 5,840 | 2,810 | 2,690 | 16,100 |
| 13 | 7,770 | 6,880 | 9,910 | 3,630 | 3,210 | 36,300 | 16,200 | 1,750 | 4,030 | 1,750 | 2,200 | 8,760 |
| 14 | 6,210 | 6,800 | 15,100 | 3,960 | 3,250 | 27,600 | 17,800 | 4,690 | 3,410 | 2,740 | 1,450 | 8,320 |
| 15 | 6,290 | 6,600 | 9,770 | 3,500 | 3,670 | 20,400 | 18,600 | 5,160 | 3,550 | 2,460 | 2,430 | 6,320 |
| 16 | 11,400 | 6,880 | 8,540 | 3,140 | 3,900 | 18,100 | 16,300 | 7,340 | 3,130 | 1,980 | 7,540 | 7,840 |
| 17 | 12,300 | 8,770 | 7,740 | 4,190 | 4,520 | 21,100 | 15,500 | 12,800 | 2,670 | 1,940 | 7,060 | 7,310 |
| 18 | 7,580 | 15,900 | 6,920 | 3,970 | 4,710 | 31,700 | 22,300 | 9,820 | 3,570 | 2,260 | 3,960 | 5,290 |
| 19 | 5,730 | 16,800 | 6,180 | 4,010 | 6,710 | 44,800 | 20,400 | 12,900 | 2,300 | 1,450 | 2,940 | 4,880 |
| 20 | 5,930 | 12,600 | 5,410 | 4,190 | 12,600 | 29,100 | 16,800 | 23,400 | 1,670 | 1,970 | 1,480 | 4,980 |
| 21 | 5,290 | 9,220 | 5,150 | 4,450 | 10,300 | 22,100 | 17,900 | 19,800 | 1,590 | 2,160 | 2,590 | 3,930 |
| 22 | 5,750 | 9,170 | 5,280 | 4,200 | 8,540 | 19,100 | 17,300 | 17,200 | 3,740 | 1,680 | 2,910 | 5,260 |
| 23 | 7,140 | 12,000 | 5,110 | 3,690 | 6,860 | 18,100 | 16,000 | 12,600 | 11,800 | 2,060 | 3,560 | 8,570 |
| 24 | 5,840 | 15,500 | 4,660 | 3,320 | 5,930 | 15,200 | 20,900 | 9,920 | 9,490 | 1,020 | 1,010 | 8,600 |
| 25 | 4,140 | 14,200 | 4,700 | 3,080 | 5,780 | 13,100 | 18,800 | 9,070 | 16,300 | 1,580 | 3,240 | 8,580 |
| 26 | 10,700 | 11,100 | 4,900 | 3,620 | 4,890 | 11,400 | 25,500 | 7,880 | 15,400 | 2,020 | 3,500 | 7,590 |
| 27 | 16,600 | 12,200 | 4,500 | 3,980 | 5,120 | 9,870 | 30,800 | 7,170 | 9,920 | 1,920 | 3,900 | 6,360 |
| 28 | 17,900 | 10,600 | 2,910 | 3,280 | 5,330 | 8,540 | 42,100 | 10,000 | 7,100 | 2,110 | 26,000 | 3,790 |
| 29 | 12,400 | 9,070 | 3,670 | 3,420 | --- | 8,100 | 53,800 | 11,000 | 7,870 | 2,090 | 96,900 | 8,540 |
| 30 | 8,710 | 8,250 | 5,130 | 3,320 | --- | 7,810 | 41,700 | 9,020 | 10,000 | 1,580 | 42,000 | 24,600 |
| 31 | 8,950 | --- | 4,930 | 3,210 | --- | 7,910 | --- | 6,590 | --- | 2,220 | 18,400 | --- |
| Total | 421,490 | 302,850 | 289,090 | 131,050 | 135,280 | 582,090 | 596,990 | 355,610 | 158,840 | 97,250 | 254,990 | 469,460 |
| Mean | 13,600 | 10,100 | 9,325 | 4,227 | 4,831 | 18,780 | 19,900 | 11,470 | 5,295 | 3,137 | 8,225 | 15,650 |
| Max | 43,400 | 16,800 | 33,300 | 7,440 | 12,600 | 49,400 | 53,800 | 26,000 | 16,300 | 9,120 | 96,900 | 82,200 |
| Min | 4,140 | 6,440 | 2,910 | 3,080 | 2,980 | 6,040 | 8,630 | 1,670 | 1,190 | 1,020 | 1,010 | 3,790 |

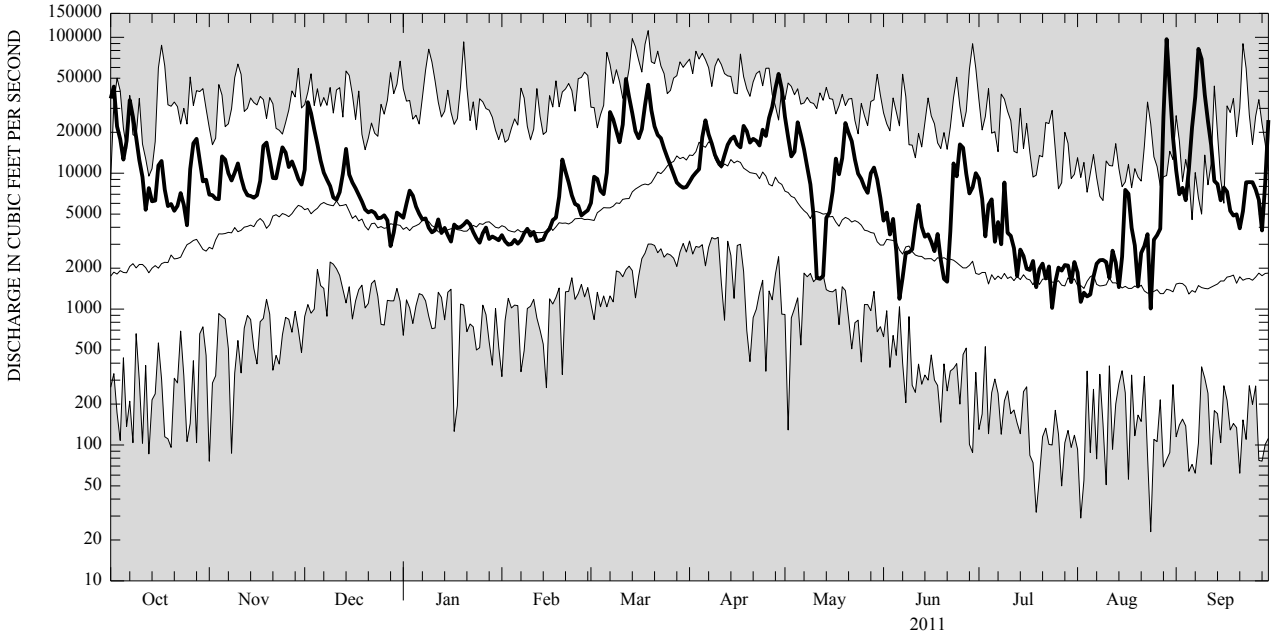
**STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1926 - 2011, BY WATER YEAR (WY)**

| | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mean | 3,710 | 5,780 | 6,608 | 5,961 | 5,796 | 11,540 | 13,930 | 6,775 | 3,797 | 2,483 | 1,951 | 2,469 |
| Max | 13,950 | 14,090 | 16,340 | 16,400 | 15,810 | 28,580 | 32,280 | 17,320 | 15,350 | 8,985 | 8,225 | 15,650 |
| (WY) | (1978) | (1928) | (1997) | (1998) | (1976) | (1936) | (1993) | (1943) | (2006) | (2006) | (2011) | (2011) |
| Min | 731 | 842 | 1,841 | 1,017 | 1,314 | 3,723 | 3,530 | 1,835 | 1,121 | 671 | 605 | 740 |
| (WY) | (1965) | (1931) | (1931) | (1931) | (1931) | (1940) | (1995) | (1995) | (1941) | (1941) | (1941) | (1995) |

**01357500 MOHAWK RIVER AT COHOES, NY—Continued**

**SUMMARY STATISTICS**

| | Calendar Year 2010 | | Water Year 2011 | | Water Years 1926 - 2011 | |
|---|---|---|---|---|---|---|
| **Annual total** | 2,689,610 | | 3,794,990 | | | |
| **Annual mean** | 7,369 | | 10,400 | | 5,895 | |
| **Highest annual mean** | | | | | 10,400 | 2011 |
| **Lowest annual mean** | | | | | 3,017 | 1965 |
| **Highest daily mean** | 54,000 | Mar 24 | 96,900 | Aug 29 | 112,000 | Mar 19, 1936 |
| **Lowest daily mean** | 1,020 | Apr 22 | 1,010 | Aug 24 | 23 | Aug 24, 1941 |
| **Annual seven-day minimum** | 1,510 | Sep 22 | 1,520 | Jul 30 | 458 | Aug 24, 1995 |
| **10 percent exceeds** | 17,400 | | 21,900 | | 13,500 | |
| **50 percent exceeds** | 4,250 | | 7,010 | | 3,460 | |
| **90 percent exceeds** | 1,700 | | 2,240 | | 1,170 | |




CURRENT WATER YEAR DAILY MEAN DISCHARGE (BOLD) WITH DAILY MEDIAN FOR PERIOD OF RECORD.
SHADED AREAS SHOW HIGHEST AND LOWEST DAILY MEAN FOR PERIOD OF RECORD THROUGH PREVIOUS WATER YEAR.

**01357500 MOHAWK RIVER AT COHOES, NY—Continued**

## WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1954-59, 1970, 1976-79, June 1988 to current year.

CHEMICAL DATA: 1955, 1957 (a), 1958-59 (b), 1970 (a), 1977 (c), 1978-79 (d), 1988 (a), 1989 (c), 1990 (d), 1991 (c), 1992 (a), 1993 (c), 1994 (d), 1995 (e), 1996 (d), 1997-2000 (e), 2001 (d), 2002-05 (c), 2006 (d), 2009 (d).

MINOR ELEMENTS DATA: 1958-59 (b), 1976 (a), 1977 (c), 1978 (d), 1979 (e), 1988 (a), 1989 (c), 1990 (d), 1991 (c), 1992 (a).

PESTICIDE DATA: 1976 (a), 1977 (c), 1979 (d), 1993 (a), 1994 (d), 1995 (e), 1996 (d), 1997-2000 (e), 2001 (d), 2002-05 (c), 2006 (d), 2009 (d).

ORGANIC DATA: OC--1976 (a), 1977 (c), 1978-79 (d), 1993 (c), 1994 (d), 1995 (e), 1996-97 (d), 1999-2000 (e), 2001 (d). PCB--1976 (a), 1977 (c), 1979 (d), 1993 (a). PCN--1976 (a), 1979 (d), 1993 (a).

NUTRIENT DATA: 1955, 1957 (a), 1958-59 (b), 1970, 1976 (a), 1977 (c), 1978-79 (d), 1993 (c), 1994 (d), 1995 (e), 1996-2001 (d), 2002-05 (c), 2006 (d), 2009 (d).

BIOLOGICAL DATA: Bacteria--1977 (c), 1978-79 (d), 1993(a). Phytoplankton--1979 (d), 1993 (a).

SEDIMENT DATA: 1954-58, 1976-79 (e), 1988 (a), 1989 (c), 1990 (d), 1991 (c), 1992 (a), 1993 (c), 1994 (d), 1995 (e), 1996 (d), 1997-2011 (e).

PERIOD OF DAILY RECORD.--

ORGANIC CARBON: March 1999 to August 2000.

WATER TEMPERATURE: May 1956 to June 1959.

SUSPENDED-SEDIMENT DISCHARGE and CONCENTRATION: January 1954 to June 1959, August 1976 to September 1979, March 1999 to August 2000, October 2004 to current year.

INSTRUMENTATION.--Point-sample intake for automatic sampler located at downstream left bank of Rt. 32 bridge.

REMARKS.--A sampling method code of "EWI" indicates an equal-width-increment sample.

EXTREMES FOR PERIOD OF DAILY RECORD.--

DISSOLVED-ORGANIC-CARBON CONCENTRATION: Maximum daily mean, 5.6 mg/L on several days; minimum daily mean, 2.8 mg/L, Apr. 5, 1999.

DISSOLVED-ORGANIC-CARBON DISCHARGE: Maximum daily, 634 tons, June 7, 2000; minimum daily, 2.1 tons, Sept. 4, 1999.

PARTICULATE-ORGANIC-CARBON CONCENTRATION: Maximum daily mean, 13.7 mg/L, Feb. 29, 2000; minimum daily mean, 0.2 mg/L on many days.

PARTICULATE-ORGANIC-CARBON DISCHARGE: Maximum daily, 2,085 tons, Feb. 29, 2000; minimum daily, 0.1 ton, Sept. 4, 1999.

WATER TEMPERATURE (water years 1956-59): Maximum daily, 28.0°C, July 21, 1957; minimum daily, 0.0°C on many days during winter periods.

SUSPENDED-SEDIMENT CONCENTRATION (water years 1954-59, 1976-79, 1999-2000, 2005-11): Maximum daily mean, 2,510 mg/L, Aug. 29, 2011; minimum daily mean, 1 mg/L, Jan. 6, 1956, Jan. 6, 7, Feb. 21, 22, 25, 1977, on several days in 2005-06 water years, Aug. 24, 25, 2008, on several days in 2009-11 water years.

SUSPENDED-SEDIMENT DISCHARGE (water years 1954-59, 1976-79, 1999-2000, 2005-11): Maximum daily, 694,000 tons, Aug. 29, 2011; minimum daily, 0.8 ton, Aug. 7, 1955.

EXTREMES FOR CURRENT YEAR.--

SUSPENDED-SEDIMENT CONCENTRATION: Maximum daily mean, 2,510 mg/L, Aug. 29; minimum daily mean, 1 mg/L, on several days.

SUSPENDED-SEDIMENT DISCHARGE: Maximum daily, 694,000 tons, Aug. 29; minimum daily, 8.8 tons, Jul. 24.

**01357500 MOHAWK RIVER AT COHOES, NY—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**
Part 1 of 11
[mg/L, milligrams per liter]

| Date | Sample start time | Sampling method (82398) | Suspended sediment concen-tration, mg/L (80154) |
|---|---|---|---|
| **10-01-2010** | **0755** | Point sample | 40 |
| **10-01-2010** | **1255** | Point sample | 171 |
| **10-01-2010** | **1555** | Point sample | 243 |
| **10-01-2010** | **2355** | Point sample | 322 |
| **10-02-2010** | **0755** | Point sample | 310 |
| **10-02-2010** | **1555** | Point sample | 202 |
| **10-02-2010** | **2355** | Point sample | 129 |
| **10-03-2010** | **0755** | Point sample | 93 |
| **10-03-2010** | **1555** | Point sample | 73 |
| **10-03-2010** | **2355** | Point sample | 68 |
| **10-04-2010** | **0755** | Point sample | 66 |
| **10-04-2010** | **1555** | Point sample | 53 |
| **10-04-2010** | **2355** | Point sample | 37 |
| **10-05-2010** | **0755** | Point sample | 33 |
| **10-05-2010** | **1555** | Point sample | 28 |
| **10-05-2010** | **2355** | Point sample | 24 |
| **10-06-2010** | **0755** | Point sample | 23 |
| **10-06-2010** | **1555** | Point sample | 30 |
| **10-06-2010** | **2355** | Point sample | 33 |
| **10-07-2010** | **0755** | Point sample | 57 |
| **10-07-2010** | **1555** | Point sample | 88 |
| **10-07-2010** | **2355** | Point sample | 91 |
| **10-08-2010** | **0755** | Point sample | 79 |
| **10-08-2010** | **1555** | Point sample | 54 |
| **10-08-2010** | **2355** | Point sample | 38 |
| **10-09-2010** | **0755** | Point sample | 35 |
| **10-09-2010** | **1555** | Point sample | 33 |
| **10-09-2010** | **2355** | Point sample | 33 |
| **10-10-2010** | **0755** | Point sample | 23 |
| **10-10-2010** | **1555** | Point sample | 23 |
| **10-10-2010** | **1810** | Point sample | 21 |
| **10-10-2010** | **1825** | Point sample | 21 |
| **10-10-2010** | **1855** | Point sample | 21 |
| **10-10-2010** | **2010** | Point sample | 20 |
| **10-11-2010** | **0410** | Point sample | 17 |
| **10-11-2010** | **1210** | Point sample | 16 |
| **10-11-2010** | **1610** | Point sample | 14 |
| **10-13-2010** | **1025** | Point sample | 12 |
| **10-13-2010** | **1055** | Point sample | 12 |
| **10-15-2010** | **1055** | Point sample | 10 |

**01357500 MOHAWK RIVER AT COHOES, NY—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**
Part 2 of 11
[mg/L, milligrams per liter]

| Date | Sample start time | Sampling method (82398) | Suspended sediment concen-tration, mg/L (80154) |
|---|---|---|---|
| 10-16-2010 | 1010 | Point sample | 14 |
| 10-16-2010 | 1810 | Point sample | 16 |
| 10-17-2010 | 0210 | Point sample | 12 |
| 10-17-2010 | 1010 | Point sample | 13 |
| 10-17-2010 | 1810 | Point sample | 12 |
| 10-18-2010 | 0210 | Point sample | 12 |
| 10-18-2010 | 0440 | Point sample | 11 |
| 10-20-2010 | 0640 | Point sample | 8 |
| 10-22-2010 | 0640 | Point sample | 7 |
| 10-24-2010 | 0640 | Point sample | 6 |
| 10-26-2010 | 0640 | Point sample | 7 |
| 10-26-2010 | 1210 | Point sample | 8 |
| 10-26-2010 | 2010 | Point sample | 12 |
| 10-27-2010 | 0410 | Point sample | 10 |
| 10-27-2010 | 1210 | Point sample | 12 |
| 10-27-2010 | 2010 | Point sample | 19 |
| 10-28-2010 | 0410 | Point sample | 23 |
| 10-28-2010 | 1210 | Point sample | 25 |
| 10-28-2010 | 2010 | Point sample | 22 |
| 10-29-2010 | 0410 | Point sample | 19 |
| 10-29-2010 | 1210 | Point sample | 15 |
| 10-29-2010 | 2010 | Point sample | 13 |
| 10-29-2010 | 2310 | Point sample | 9 |
| 10-30-2010 | 2240 | Point sample | 10 |
| 10-31-2010 | 0110 | Point sample | 10 |
| 11-02-2010 | 0110 | Point sample | 6 |
| 11-04-2010 | 0110 | Point sample | 5 |
| 11-05-2010 | 0910 | Point sample | 8 |
| 11-05-2010 | 1710 | Point sample | 12 |
| 11-06-2010 | 0110 | Point sample | 10 |
| 11-06-2010 | 0910 | Point sample | 9 |
| 11-08-2010 | 0845 | Point sample | 5 |
| 11-08-2010 | 1840 | Point sample | 6 |
| 11-09-2010 | 0240 | Point sample | 7 |
| 11-09-2010 | 1040 | Point sample | 5 |
| 11-09-2010 | 1240 | Point sample | 5 |
| 11-09-2010 | 1310 | Point sample | 5 |
| 11-09-2010 | 1325 | Point sample | 5 |
| 11-09-2010 | 2140 | Point sample | 4 |
| 11-10-2010 | 0540 | Point sample | 6 |

**01357500 MOHAWK RIVER AT COHOES, NY—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**
Part 3 of 11
[mg/L, milligrams per liter]

| Date | Sample start time | Sampling method (82398) | Suspended sediment concen-tration, mg/L (80154) |
|---|---|---|---|
| **11-10-2010** | **1025** | Point sample | 10 |
| **11-10-2010** | **1825** | Point sample | 7 |
| **11-11-2010** | **0640** | Point sample | 7 |
| **11-15-2010** | **1530** | Point sample | 4 |
| **11-17-2010** | **1425** | Point sample | 9 |
| **11-17-2010** | **1455** | Point sample | 9 |
| **11-17-2010** | **1625** | Point sample | 7 |
| **11-18-2010** | **0025** | Point sample | 8 |
| **11-18-2010** | **0825** | Point sample | 10 |
| **11-18-2010** | **1625** | Point sample | 12 |
| **11-19-2010** | **0025** | Point sample | 11 |
| **11-19-2010** | **0825** | Point sample | 12 |
| **11-19-2010** | **1625** | Point sample | 9 |
| **11-20-2010** | **0025** | Point sample | 15 |
| **11-20-2010** | **0825** | Point sample | 13 |
| **11-20-2010** | **1625** | Point sample | 12 |
| **11-21-2010** | **0025** | Point sample | 11 |
| **11-21-2010** | **0425** | Point sample | 10 |
| **11-21-2010** | **1840** | Point sample | 7 |
| **11-21-2010** | **2010** | Point sample | 6 |
| **11-22-2010** | **1510** | Point sample | 5 |
| **11-22-2010** | **2310** | Point sample | 6 |
| **11-23-2010** | **0910** | Point sample | 6 |
| **11-24-2010** | **0745** | Point sample | 13 |
| **11-24-2010** | **1540** | Point sample | 13 |
| **11-24-2010** | **2340** | Point sample | 16 |
| **11-25-2010** | **0740** | Point sample | 16 |
| **11-25-2010** | **1540** | Point sample | 13 |
| **11-25-2010** | **2340** | Point sample | 12 |
| **11-26-2010** | **0740** | Point sample | 10 |
| **11-26-2010** | **0825** | Point sample | 11 |
| **11-26-2010** | **0840** | Point sample | 10 |
| **11-26-2010** | **1640** | Point sample | 9 |
| **11-27-2010** | **0040** | Point sample | 9 |
| **11-27-2010** | **0840** | Point sample | 9 |
| **11-27-2010** | **1640** | Point sample | 8 |
| **11-28-2010** | **0040** | Point sample | 9 |
| **11-28-2010** | **1640** | Point sample | 7 |
| **11-29-2010** | **0040** | Point sample | 6 |
| **11-29-2010** | **0255** | Point sample | 6 |

**01357500 MOHAWK RIVER AT COHOES, NY—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**
Part 4 of 11
[mg/L, milligrams per liter]

| Date | Sample start time | Sampling method (82398) | Suspended sediment concen-tration, mg/L (80154) |
|---|---|---|---|
| 12-01-2010 | 0255 | Point sample | 3 |
| 12-01-2010 | 1425 | Point sample | 5 |
| 12-01-2010 | 2225 | Point sample | 18 |
| 12-02-2010 | 0625 | Point sample | 59 |
| 12-02-2010 | 1425 | Point sample | 182 |
| 12-02-2010 | 1638 | Point sample | 182 |
| 12-02-2010 | 1655 | EWI | 216 |
| 12-02-2010 | 1710 | Point sample | 190 |
| 12-03-2010 | 0110 | Point sample | 178 |
| 12-03-2010 | 0910 | Point sample | 185 |
| 12-03-2010 | 1710 | Point sample | 127 |
| 12-04-2010 | 0110 | Point sample | 97 |
| 12-04-2010 | 0910 | Point sample | 78 |
| 12-04-2010 | 1710 | Point sample | 57 |
| 12-05-2010 | 0110 | Point sample | 46 |
| 12-05-2010 | 0910 | Point sample | 36 |
| 12-05-2010 | 1710 | Point sample | 30 |
| 12-06-2010 | 0110 | Point sample | 25 |
| 12-06-2010 | 0910 | Point sample | 23 |
| 12-06-2010 | 1710 | Point sample | 21 |
| 12-07-2010 | 0110 | Point sample | 17 |
| 12-07-2010 | 0910 | Point sample | 17 |
| 12-07-2010 | 1710 | Point sample | 16 |
| 12-07-2010 | 2010 | Point sample | 16 |
| 12-07-2010 | 2125 | Point sample | 16 |
| 12-07-2010 | 2210 | Point sample | 15 |
| 12-10-2010 | 1650 | Point sample | 23 |
| 12-12-2010 | 1640 | Point sample | 8 |
| 12-13-2010 | 1410 | Point sample | 12 |
| 12-13-2010 | 2210 | Point sample | 14 |
| 12-14-2010 | 0610 | Point sample | 26 |
| 12-23-2010 | 0910 | Point sample | 12 |
| 12-29-2010 | 0910 | Point sample | 9 |
| 12-31-2010 | 0910 | Point sample | 5 |
| 01-02-2011 | 0910 | Point sample | 6 |
| 01-04-2011 | 0910 | Point sample | 6 |
| 01-06-2011 | 0910 | Point sample | 4 |
| 01-08-2011 | 0910 | Point sample | 4 |
| 01-10-2011 | 0910 | Point sample | 5 |
| 01-21-2011 | 1050 | Point sample | 8 |

**01357500 MOHAWK RIVER AT COHOES, NY—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**
Part 5 of 11
[mg/L, milligrams per liter]

| Date | Sample start time | Sampling method (82398) | Suspended sediment concen-tration, mg/L (80154) |
|---|---|---|---|
| 01-21-2011 | 1100 | Point sample | 2 |
| 01-23-2011 | 1055 | Point sample | 3 |
| 01-25-2011 | 1055 | Point sample | 6 |
| 01-27-2011 | 1055 | Point sample | 3 |
| 01-29-2011 | 1055 | Point sample | 2 |
| 01-31-2011 | 1055 | Point sample | 2 |
| 02-02-2011 | 1055 | Point sample | 1 |
| 02-04-2011 | 1055 | Point sample | 2 |
| 02-06-2011 | 1055 | Point sample | 2 |
| 02-08-2011 | 1055 | Point sample | 1 |
| 02-10-2011 | 1055 | Point sample | 2 |
| 02-12-2011 | 1055 | Point sample | 2 |
| 02-14-2011 | 1055 | Point sample | 1 |
| 02-16-2011 | 1055 | Point sample | 1 |
| 02-18-2011 | 1055 | Point sample | 2 |
| 02-19-2011 | 2010 | Point sample | 28 |
| 02-20-2011 | 0410 | Point sample | 18 |
| 02-20-2011 | 1210 | Point sample | 8 |
| 02-20-2011 | 2010 | Point sample | 15 |
| 02-21-2011 | 0410 | Point sample | 22 |
| 02-21-2011 | 0740 | Point sample | 25 |
| 02-21-2011 | 0755 | Point sample | 24 |
| 02-21-2011 | 1555 | Point sample | 23 |
| 02-24-2011 | 1010 | Point sample | 6 |
| 02-26-2011 | 1010 | Point sample | 3 |
| 02-28-2011 | 1010 | Point sample | 3 |
| 03-02-2011 | 1025 | Point sample | 4 |
| 03-02-2011 | 1855 | Point sample | 4 |
| 03-03-2011 | 0055 | Point sample | 5 |
| 03-03-2011 | 0755 | Point sample | 4 |
| 03-05-2011 | 0755 | Point sample | 5 |
| 03-05-2011 | 1625 | Point sample | 4 |
| 03-06-2011 | 1525 | Point sample | 8 |
| 03-06-2011 | 2325 | Point sample | 27 |
| 03-07-2011 | 0725 | Point sample | 67 |
| 03-07-2011 | 1525 | Point sample | 217 |
| 03-07-2011 | 2325 | Point sample | 187 |
| 03-08-2011 | 0725 | Point sample | 109 |
| 03-08-2011 | 1525 | Point sample | 120 |
| 03-08-2011 | 2325 | Point sample | 86 |

**01357500 MOHAWK RIVER AT COHOES, NY—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**
Part 6 of 11
[mg/L, milligrams per liter]

| Date | Sample start time | Sampling method (82398) | Suspended sediment concen-tration, mg/L (80154) |
|---|---|---|---|
| 03-09-2011 | 1525 | Point sample | 48 |
| 03-09-2011 | 2325 | Point sample | 40 |
| 03-10-2011 | 0725 | Point sample | 28 |
| 03-10-2011 | 1525 | Point sample | 24 |
| 03-10-2011 | 2325 | Point sample | 27 |
| 03-11-2011 | 0725 | Point sample | 23 |
| 03-11-2011 | 1525 | Point sample | 32 |
| 03-11-2011 | 2325 | Point sample | 187 |
| 03-12-2011 | 0725 | Point sample | 505 |
| 03-12-2011 | 1525 | Point sample | 498 |
| 03-12-2011 | 2325 | Point sample | 310 |
| 03-13-2011 | 0725 | Point sample | 193 |
| 03-13-2011 | 1525 | Point sample | 136 |
| 03-13-2011 | 2325 | Point sample | 121 |
| 03-14-2011 | 0725 | Point sample | 100 |
| 03-14-2011 | 1525 | Point sample | 75 |
| 03-14-2011 | 2325 | Point sample | 61 |
| 03-15-2011 | 0725 | Point sample | 45 |
| 03-15-2011 | 1525 | Point sample | 36 |
| 03-15-2011 | 2325 | Point sample | 28 |
| 03-16-2011 | 0725 | Point sample | 24 |
| 03-16-2011 | 1525 | Point sample | 21 |
| 03-16-2011 | 2325 | Point sample | 21 |
| 03-17-2011 | 0725 | Point sample | 21 |
| 03-17-2011 | 1525 | Point sample | 20 |
| 03-17-2011 | 2325 | Point sample | 26 |
| 03-18-2011 | 0725 | Point sample | 39 |
| 03-18-2011 | 1525 | Point sample | 78 |
| 03-18-2011 | 2325 | Point sample | 161 |
| 03-19-2011 | 0725 | Point sample | 302 |
| 03-19-2011 | 1525 | Point sample | 281 |
| 03-19-2011 | 2325 | Point sample | 193 |
| 03-20-2011 | 0725 | Point sample | 160 |
| 03-20-2011 | 1525 | Point sample | 102 |
| 03-20-2011 | 2325 | Point sample | 66 |
| 03-21-2011 | 0725 | Point sample | 52 |
| 03-21-2011 | 2325 | Point sample | 36 |
| 03-22-2011 | 2325 | Point sample | 22 |
| 03-23-2011 | 2325 | Point sample | 17 |
| 03-25-2011 | 0725 | Point sample | 12 |

**01357500 MOHAWK RIVER AT COHOES, NY—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**
Part 7 of 11
[mg/L, milligrams per liter]

| Date | Sample start time | Sampling method (82398) | Suspended sediment concen-tration, mg/L (80154) |
|---|---|---|---|
| 03-28-2011 | 1510 | Point sample | 11 |
| 03-30-2011 | 1510 | Point sample | 7 |
| 04-01-2011 | 1510 | Point sample | 7 |
| 04-02-2011 | 2340 | Point sample | 6 |
| 04-04-2011 | 0340 | Point sample | 8 |
| 04-05-2011 | 0340 | Point sample | 7 |
| 04-05-2011 | 1940 | Point sample | 17 |
| 04-06-2011 | 0340 | Point sample | 26 |
| 04-06-2011 | 1140 | Point sample | 44 |
| 04-06-2011 | 1940 | Point sample | 51 |
| 04-07-2011 | 0340 | Point sample | 40 |
| 04-07-2011 | 1140 | Point sample | 32 |
| 04-08-2011 | 0340 | Point sample | 24 |
| 04-08-2011 | 1940 | Point sample | 15 |
| 04-11-2011 | 1300 | Point sample | 11 |
| 04-12-2011 | 1300 | Point sample | 10 |
| 04-13-2011 | 1300 | Point sample | 14 |
| 04-14-2011 | 1300 | Point sample | 14 |
| 04-15-2011 | 1300 | Point sample | 14 |
| 04-16-2011 | 1300 | Point sample | 12 |
| 04-17-2011 | 1300 | Point sample | 9 |
| 04-18-2011 | 0500 | Point sample | 15 |
| 04-18-2011 | 2100 | Point sample | 21 |
| 04-19-2011 | 0500 | Point sample | 25 |
| 04-19-2011 | 1300 | Point sample | 25 |
| 04-19-2011 | 2100 | Point sample | 22 |
| 04-20-2011 | 0500 | Point sample | 18 |
| 04-20-2011 | 1300 | Point sample | 14 |
| 04-21-2011 | 1300 | Point sample | 12 |
| 04-22-2011 | 1300 | Point sample | 12 |
| 04-23-2011 | 1300 | Point sample | 14 |
| 04-25-2011 | 1300 | Point sample | 33 |
| 04-26-2011 | 0500 | Point sample | 23 |
| 04-26-2011 | 1300 | Point sample | 34 |
| 04-26-2011 | 2100 | Point sample | 100 |
| 04-27-2011 | 0500 | Point sample | 104 |
| 04-27-2011 | 1300 | Point sample | 133 |
| 04-27-2011 | 2100 | Point sample | 102 |
| 04-28-2011 | 0500 | Point sample | 94 |
| 04-28-2011 | 1300 | Point sample | 112 |

**01357500 MOHAWK RIVER AT COHOES, NY—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**
Part 8 of 11
[mg/L, milligrams per liter]

| Date | Sample start time | Sampling method (82398) | Suspended sediment concen-tration, mg/L (80154) |
|---|---|---|---|
| 04-28-2011 | 2100 | Point sample | 196 |
| 04-29-2011 | 0500 | Point sample | 274 |
| 04-29-2011 | 1300 | Point sample | 387 |
| 04-29-2011 | 2100 | Point sample | 280 |
| 04-30-2011 | 0500 | Point sample | 237 |
| 04-30-2011 | 1300 | Point sample | 191 |
| 04-30-2011 | 2100 | Point sample | 144 |
| 05-01-2011 | 0500 | Point sample | 109 |
| 05-01-2011 | 2100 | Point sample | 56 |
| 05-02-2011 | 1300 | Point sample | 40 |
| 05-03-2011 | 0500 | Point sample | 31 |
| 05-04-2011 | 1300 | Point sample | 23 |
| 05-04-2011 | 2100 | Point sample | 28 |
| 05-05-2011 | 0500 | Point sample | 43 |
| 05-05-2011 | 1010 | Point sample | 43 |
| 05-05-2011 | 1045 | EWI | 52 |
| 05-05-2011 | 1115 | Point sample | 39 |
| 05-05-2011 | 1915 | Point sample | 46 |
| 05-06-2011 | 0315 | Point sample | 43 |
| 05-06-2011 | 1115 | Point sample | 38 |
| 05-07-2011 | 0315 | Point sample | 25 |
| 05-07-2011 | 1915 | Point sample | 17 |
| 05-08-2011 | 1915 | Point sample | 13 |
| 05-09-2011 | 1740 | Point sample | 11 |
| 05-11-2011 | 1740 | Point sample | 6 |
| 05-13-2011 | 1740 | Point sample | 5 |
| 05-15-2011 | 1740 | Point sample | 7 |
| 05-16-2011 | 1610 | Point sample | 14 |
| 05-17-2011 | 0810 | Point sample | 19 |
| 05-20-2011 | 1610 | Point sample | 28 |
| 05-21-2011 | 0010 | Point sample | 29 |
| 05-21-2011 | 0810 | Point sample | 33 |
| 05-21-2011 | 1610 | Point sample | 25 |
| 05-22-2011 | 0010 | Point sample | 24 |
| 05-22-2011 | 0810 | Point sample | 25 |
| 05-22-2011 | 1610 | Point sample | 20 |
| 05-23-2011 | 0810 | Point sample | 20 |
| 05-23-2011 | 1610 | Point sample | 15 |
| 05-25-2011 | 0010 | Point sample | 12 |
| 05-26-2011 | 1240 | Point sample | 10 |

**01357500 MOHAWK RIVER AT COHOES, NY—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**
Part 9 of 11
[mg/L, milligrams per liter]

| Date | Sample start time | Sampling method (82398) | Suspended sediment concen-tration, mg/L (80154) |
|---|---|---|---|
| 05-28-2011 | 0525 | Point sample | 11 |
| 05-29-2011 | 1325 | Point sample | 12 |
| 06-01-2011 | 2110 | Point sample | 8 |
| 06-03-2011 | 2110 | Point sample | 6 |
| 06-05-2011 | 2110 | Point sample | 4 |
| 06-07-2011 | 2110 | Point sample | 12 |
| 06-09-2011 | 2110 | Point sample | 7 |
| 06-11-2011 | 2110 | Point sample | 17 |
| 06-13-2011 | 2110 | Point sample | 6 |
| 06-15-2011 | 2110 | Point sample | 5 |
| 06-17-2011 | 2110 | Point sample | 3 |
| 06-19-2011 | 2110 | Point sample | 3 |
| 06-21-2011 | 2110 | Point sample | 6 |
| 06-23-2011 | 0410 | Point sample | 11 |
| 06-23-2011 | 1210 | Point sample | 33 |
| 06-23-2011 | 2010 | Point sample | 17 |
| 06-24-2011 | 0410 | Point sample | 20 |
| 06-24-2011 | 1210 | Point sample | 13 |
| 06-24-2011 | 2355 | Point sample | 12 |
| 06-25-2011 | 0755 | Point sample | 18 |
| 06-25-2011 | 1555 | Point sample | 33 |
| 06-25-2011 | 2355 | Point sample | 37 |
| 06-26-2011 | 0755 | Point sample | 34 |
| 06-26-2011 | 1555 | Point sample | 29 |
| 06-26-2011 | 2355 | Point sample | 22 |
| 06-30-2011 | 1130 | Point sample | 26 |
| 06-30-2011 | 1930 | Point sample | 20 |
| 07-01-2011 | 0330 | Point sample | 22 |
| 07-01-2011 | 1130 | Point sample | 20 |
| 07-01-2011 | 1930 | Point sample | 18 |
| 07-02-2011 | 0330 | Point sample | 15 |
| 07-02-2011 | 0555 | Point sample | 17 |
| 07-04-2011 | 0555 | Point sample | 14 |
| 07-06-2011 | 0555 | Point sample | 10 |
| 07-08-2011 | 0555 | Point sample | 4 |
| 07-09-2011 | 1225 | Point sample | 19 |
| 07-09-2011 | 2025 | Point sample | 22 |
| 07-10-2011 | 0155 | Point sample | 15 |
| 07-12-2011 | 0155 | Point sample | 6 |
| 07-14-2011 | 0155 | Point sample | 4 |

**01357500 MOHAWK RIVER AT COHOES, NY—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**
Part 10 of 11
[mg/L, milligrams per liter]

| Date | Sample start time | Sampling method (82398) | Suspended sediment concen-tration, mg/L (80154) |
|---|---|---|---|
| 07-16-2011 | 0155 | Point sample | 9 |
| 07-18-2011 | 0155 | Point sample | 5 |
| 07-20-2011 | 0155 | Point sample | 4 |
| 07-22-2011 | 0155 | Point sample | 4 |
| 07-24-2011 | 0155 | Point sample | 2 |
| 07-26-2011 | 0155 | Point sample | 5 |
| 07-28-2011 | 0155 | Point sample | 4 |
| 07-30-2011 | 0155 | Point sample | 4 |
| 08-01-2011 | 0155 | Point sample | 4 |
| 08-03-2011 | 0155 | Point sample | 3 |
| 08-05-2011 | 0155 | Point sample | 5 |
| 08-07-2011 | 0155 | Point sample | 5 |
| 08-09-2011 | 0155 | Point sample | 2 |
| 08-11-2011 | 0155 | Point sample | 3 |
| 08-13-2011 | 0155 | Point sample | 4 |
| 08-15-2011 | 0155 | Point sample | 5 |
| 08-16-2011 | 0555 | Point sample | 18 |
| 08-16-2011 | 0610 | Point sample | 18 |
| 08-16-2011 | 2240 | Point sample | 10 |
| 08-17-2011 | 0640 | Point sample | 11 |
| 08-17-2011 | 1240 | Point sample | 7 |
| 08-19-2011 | 1240 | Point sample | 5 |
| 08-21-2011 | 1240 | Point sample | 10 |
| 08-23-2011 | 1240 | Point sample | 6 |
| 08-25-2011 | 1240 | Point sample | 5 |
| 08-27-2011 | 1240 | Point sample | 6 |
| 08-28-2011 | 0955 | Point sample | 13 |
| 08-28-2011 | 1755 | Point sample | 151 |
| 08-29-2011 | 0155 | Point sample | 924 |
| 08-29-2011 | 0955 | Point sample | 2,580 |
| 08-29-2011 | 1050 | Point sample | 3,080 |
| 08-29-2011 | 1120 | EWI | 3,690 |
| 08-29-2011 | 1150 | Point sample | 3,490 |
| 08-29-2011 | 1948 | Point sample | 2,890 |
| 08-30-2011 | 0348 | Point sample | 1,710 |
| 08-30-2011 | 1148 | Point sample | 1,120 |
| 08-31-2011 | 0348 | Point sample | 598 |
| 08-31-2011 | 1148 | Point sample | 513 |
| 08-31-2011 | 1948 | Point sample | 421 |
| 09-01-2011 | 1148 | Point sample | 304 |

**01357500 MOHAWK RIVER AT COHOES, NY—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**
Part 11 of 11
[mg/L, milligrams per liter]

| Date | Sample start time | Sampling method (82398) | Suspended sediment concen-tration, mg/L (80154) |
|---|---|---|---|
| 09-01-2011 | 2124 | Point sample | 261 |
| 09-03-2011 | 2124 | Point sample | 189 |
| 09-05-2011 | 1009 | Point sample | 103 |
| 09-06-2011 | 0209 | Point sample | 78 |
| 09-06-2011 | 1809 | Point sample | 87 |
| 09-07-2011 | 1009 | Point sample | 153 |
| 09-07-2011 | 1809 | Point sample | 264 |
| 09-08-2011 | 0209 | Point sample | 611 |
| 09-08-2011 | 1009 | Point sample | 1,450 |
| 09-08-2011 | 1048 | Point sample | 1,560 |
| 09-08-2011 | 1115 | EWI | 1,680 |
| 09-08-2011 | 1133 | Point sample | 1,570 |
| 09-08-2011 | 1933 | Point sample | 1,120 |
| 09-09-2011 | 0333 | Point sample | 904 |
| 09-09-2011 | 1133 | Point sample | 802 |
| 09-09-2011 | 1933 | Point sample | 767 |
| 09-10-2011 | 0333 | Point sample | 587 |
| 09-10-2011 | 1134 | Point sample | 541 |
| 09-11-2011 | 0334 | Point sample | 364 |
| 09-11-2011 | 1934 | Point sample | 223 |
| 09-12-2011 | 1134 | Point sample | 159 |
| 09-13-2011 | 0334 | Point sample | 100 |
| 09-14-2011 | 1024 | Point sample | 54 |
| 09-16-2011 | 1054 | Point sample | 57 |
| 09-18-2011 | 1709 | Point sample | 35 |
| 09-20-2011 | 1709 | Point sample | 29 |
| 09-22-2011 | 1710 | Point sample | 26 |
| 09-23-2011 | 1340 | Point sample | 33 |
| 09-23-2011 | 2140 | Point sample | 28 |
| 09-24-2011 | 0540 | Point sample | 30 |
| 09-24-2011 | 0925 | Point sample | 31 |
| 09-26-2011 | 0925 | Point sample | 26 |
| 09-28-2011 | 0925 | Point sample | 17 |
| 09-29-2011 | 1840 | Point sample | 29 |
| 09-30-2011 | 0240 | Point sample | 47 |
| 09-30-2011 | 1040 | Point sample | 117 |
| 09-30-2011 | 1840 | Point sample | 196 |

**01357500 MOHAWK RIVER AT COHOES, NY—Continued**

**SUSPENDED-SEDIMENT**
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**
[e, estimated]

| Day | Mean concen-tration (mg/L) | Sediment discharge (tons/day) | Mean concen-tration (mg/L) | Sediment discharge (tons/day) | Mean concen-tration (mg/L) | Sediment discharge (tons/day) | Mean concen-tration (mg/L) | Sediment discharge (tons/day) | Mean concen-tration (mg/L) | Sediment discharge (tons/day) | Mean concen-tration (mg/L) | Sediment discharge (tons/day) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | October | | November | | December | | January | | February | | March | |
| 1 | 165 | 21,300 | e8 | e159 | 8 | 273 | e7 | e83 | e1 | e14 | e5 | e74 |
| 2 | 268 | 33,500 | 6 | 120 | 137 | 13,500 | 7 | 112 | 1 | 9.5 | 5 | 128 |
| 3 | 100 | 6,120 | e6 | e105 | 159 | 12,000 | e7 | e141 | e2 | e12 | 5 | 130 |
| 4 | 66 | 3,290 | 6 | 104 | 81 | 4,670 | 7 | 126 | 2 | 16 | e6 | e112 |
| 5 | 36 | 1,200 | 11 | 426 | 41 | 1,810 | e6 | e91 | e3 | e22 | 5 | 103 |
| 6 | 31 | 1,490 | 9 | 327 | 26 | 876 | 5 | 69 | 3 | 23 | 11 | 359 |
| 7 | 77 | 7,530 | e7 | e181 | 19 | 529 | e5 | e62 | e2 | e17 | 154 | 12,200 |
| 8 | 74 | 5,570 | 7 | 159 | e17 | e402 | 5 | 64 | 1 | 11 | 135 | 9,130 |
| 9 | 40 | 1,970 | 6 | 173 | e15 | e316 | e6 | e59 | e2 | e16 | 64 | 3,600 |
| 10 | 28 | 974 | 9 | 287 | 16 | 293 | 6 | 60 | 2 | 19 | 32 | 1,490 |
| 11 | 18 | 472 | 8 | 196 | e10 | e168 | e6 | e66 | e3 | e25 | 49 | 3,930 |
| 12 | e14 | e205 | e7 | e148 | 10 | 189 | e7 | e83 | 3 | 24 | 470 | 63,500 |
| 13 | 14 | 291 | e6 | e120 | 13 | 367 | e7 | e70 | e2 | e17 | 192 | 19,200 |
| 14 | e12 | e202 | e6 | e106 | 29 | 1,180 | e7 | e80 | 1 | 9.7 | 99 | 7,540 |
| 15 | 12 | 204 | 5 | 92 | e18 | e503 | e8 | e74 | e1 | e9.9 | 47 | 2,620 |
| 16 | 16 | 508 | e5 | e93 | e12 | e282 | e8 | e70 | 1 | 11 | 26 | 1,290 |
| 17 | 14 | 477 | 7 | 168 | e13 | e262 | e9 | e97 | e2 | e19 | 25 | 1,420 |
| 18 | 12 | 253 | 12 | 529 | e13 | e242 | e9 | e96 | 2 | 25 | 79 | 7,480 |
| 19 | e11 | e166 | 14 | 633 | e13 | e223 | e9 | e101 | 9 | 230 | 283 | 34,700 |
| 20 | 10 | 159 | 15 | 507 | e14 | e201 | e10 | e109 | 17 | 580 | 143 | 11,600 |
| 21 | e9 | e134 | 10 | 245 | e14 | e197 | 6 | 69 | 26 | 729 | 55 | 3,290 |
| 22 | 9 | 136 | 6 | 155 | e15 | e209 | e3 | e34 | e18 | e416 | 33 | 1,680 |
| 23 | e8 | e150 | 8 | 277 | 15 | 205 | 4 | 42 | e11 | e198 | 22 | 1,100 |
| 24 | 7 | 106 | 15 | 643 | e14 | e179 | e6 | e54 | 7 | 114 | e18 | e729 |
| 25 | e7 | e73 | 17 | 646 | e14 | e172 | 7 | 62 | e5 | e84 | 14 | 502 |
| 26 | 11 | 337 | 12 | 357 | e13 | e171 | e6 | e57 | 4 | 55 | e14 | e421 |
| 27 | 16 | 738 | 10 | 344 | e12 | e149 | 4 | 44 | e4 | e55 | e13 | e355 |
| 28 | 27 | 1,300 | 9 | 262 | e12 | e91 | e3 | e26 | 4 | 59 | 13 | 298 |
| 29 | 18 | 614 | 6 | 158 | 11 | 104 | 2 | 19 | --- | --- | e11 | e237 |
| 30 | 11 | 257 | e5 | e112 | e8 | e113 | e2 | e18 | --- | --- | 8 | 179 |
| 31 | 11 | 269 | --- | --- | 6 | 84 | 2 | 17 | --- | --- | e8 | e171 |
| Total | --- | 89,995 | --- | 7,832 | --- | 39,960 | --- | 2,155 | --- | 2,820.1 | --- | 189,568 |

**01357500 MOHAWK RIVER AT COHOES, NY—Continued**

**SUSPENDED-SEDIMENT**
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**
[e, estimated]

| Day | Mean concen-tration (mg/L) | Sediment discharge (tons/day) | Mean concen-tration (mg/L) | Sediment discharge (tons/day) | Mean concen-tration (mg/L) | Sediment discharge (tons/day) | Mean concen-tration (mg/L) | Sediment discharge (tons/day) | Mean concen-tration (mg/L) | Sediment discharge (tons/day) | Mean concen-tration (mg/L) | Sediment discharge (tons/day) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | April | | May | | June | | July | | August | | September | |
| 1 | 8 | 185 | 96 | 6,980 | 11 | 141 | 24 | 589 | 5 | 24 | 370 | 10,700 |
| 2 | 7 | 188 | 47 | 2,340 | e10 | e144 | 18 | 315 | e4 | e13 | e280 | e5,310 |
| 3 | e8 | e226 | 34 | 1,210 | 9 | 82 | e13 | e127 | 4 | 16 | 241 | 5,090 |
| 4 | 9 | 266 | 29 | 1,150 | e7 | e92 | 15 | 247 | e6 | e21 | e225 | e3,840 |
| 5 | 14 | 749 | 49 | 3,100 | 6 | 40 | e16 | e289 | 7 | 23 | 126 | 3,460 |
| 6 | 45 | 2,970 | 42 | 2,210 | e5 | e16 | 10 | 94 | e6 | e29 | 98 | 5,810 |
| 7 | 39 | 2,030 | 24 | 980 | 6 | 36 | e7 | e82 | 5 | 32 | 231 | 25,400 |
| 8 | 22 | 1,010 | 17 | 507 | e7 | e47 | 5 | 41 | e4 | e25 | 1,200 | 273,000 |
| 9 | e16 | e590 | 14 | 317 | 9 | 70 | e17 | e469 | 3 | 19 | 874 | 166,000 |
| 10 | e15 | e478 | e11 | e146 | e9 | e68 | 13 | 142 | e4 | e21 | 595 | 61,600 |
| 11 | 13 | 400 | 9 | 40 | 12 | 159 | e8 | e77 | 4 | 19 | 328 | 21,800 |
| 12 | 13 | 462 | e7 | e33 | e15 | e254 | 7 | 56 | e5 | e34 | 182 | 8,080 |
| 13 | 15 | 677 | 6 | 30 | 9 | 95 | e6 | e27 | 5 | 32 | 101 | 2,450 |
| 14 | 16 | 770 | e7 | e100 | e7 | e68 | 5 | 41 | e6 | e24 | 66 | 1,490 |
| 15 | 16 | 794 | 9 | 129 | 6 | 62 | e7 | e48 | 9 | 64 | e63 | e1,080 |
| 16 | 14 | 614 | 13 | 292 | e6 | e54 | 11 | 55 | 16 | 320 | 66 | 1,400 |
| 17 | 12 | 492 | 22 | 774 | 4 | 29 | e8 | e40 | 10 | 207 | e55 | e1,080 |
| 18 | 20 | 1,210 | e19 | e547 | e4 | e39 | 7 | 40 | e6 | e64 | 45 | 646 |
| 19 | 27 | 1,500 | e20 | e736 | 4 | 26 | e6 | e22 | 6 | 49 | e40 | e533 |
| 20 | 18 | 820 | 30 | 1,890 | e5 | e21 | 5 | 27 | e7 | e27 | 37 | 495 |
| 21 | 14 | 691 | 32 | 1,760 | 5 | 23 | e5 | e29 | 12 | 83 | e34 | e366 |
| 22 | 14 | 664 | 26 | 1,210 | e6 | e72 | 5 | 21 | e12 | e97 | 33 | 466 |
| 23 | 17 | 732 | 20 | 700 | 23 | 753 | e4 | e20 | 10 | 104 | 36 | 843 |
| 24 | e27 | e1,500 | e15 | e400 | 17 | 472 | 3 | 8.8 | e7 | e18 | 36 | 835 |
| 25 | 34 | 1,750 | 14 | 347 | 29 | 1,390 | e5 | e21 | 7 | 72 | e34 | e781 |
| 26 | 55 | 4,160 | 12 | 257 | 36 | 1,530 | 6 | 33 | e7 | e66 | 30 | 611 |
| 27 | 129 | 10,800 | e12 | e234 | e23 | e630 | e5 | e28 | 7 | 72 | e23 | e395 |
| 28 | 141 | 16,900 | 13 | 360 | e22 | e419 | 5 | 29 | 139 | 20,400 | 23 | 232 |
| 29 | 336 | 48,700 | 14 | 417 | e28 | e600 | e5 | e30 | 2,510 | 694,000 | 31 | 771 |
| 30 | 216 | 24,800 | e13 | e328 | 29 | 798 | 5 | 21 | 1,310 | 170,000 | 153 | 10,100 |
| 31 | --- | --- | e12 | e205 | --- | --- | e5 | e30 | 588 | 29,800 | --- | --- |
| Total | --- | 127,128 | --- | 29,729 | --- | 8,230 | --- | 3,098.8 | --- | 915,775 | --- | 614,664 |

| | Total suspended sediment discharge (tons) |
|---|---|
| Year | 2,030,954.9 |