

**01347000 MOHAWK RIVER NEAR LITTLE FALLS, NY**

Upper Hudson Basin  
Mohawk Subbasin

LOCATION.--Lat 43°00'53", long 74°46'47" referenced to North American Datum of 1927, Herkimer County, NY, Hydrologic Unit 02020004, on left bank 1,800 ft downstream from Fivemile Dam, 2.0 mi upstream from East Canada Creek, and 4.5 mi southeast of city of Little Falls.

DRAINAGE AREA.--1,342 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--October 1927 to current year.

REVISED RECORDS.--WSP 741: 1929(M). WSP 1302: 1932(M). WSP 1432: 1928-30. WDR NY-85-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 308.84 ft above NGVD of 1929 (levels by Corps of Engineers).

REMARKS.--Records good except those for estimated daily discharges, which are poor. Prior to October 1998, records of daily discharge include diversion at Fivemile Dam into Erie (Barge) Canal for lockages at lock 16, near St. Johnsville. During canal navigation season, water is received from Black River basin through Black River Canal flowing south, and from Chenango River basin through Oriskany Creek feeder. Water is diverted into (or may occasionally be received from) Oswego River basin through summit level of Erie (Barge) Canal between New London and Utica. Diurnal fluctuation caused by powerplants and locks and dams on Erie (Barge) Canal. Regulation by Delta (01335900) and Hinckley (01343900) Reservoirs (combined usable capacity, 6,120 mil ft<sup>3</sup>). Satellite and telephone gage-height telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 35,000 ft<sup>3</sup>/s, June 28, 2006, gage height, 19.72 ft; minimum discharge (river channel only), 214 ft<sup>3</sup>/s, Aug. 18, 1949, gage height, 3.75 ft.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge (since at least 1898) prior to regulation by Hinckley Reservoir, 34,800 ft<sup>3</sup>/s, Mar. 27, 1913 (from report by R. E. Horton, 1913), at site 01346500 "at Little Falls" (drainage area, 1,290 mi<sup>2</sup>).

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 35,000 ft<sup>3</sup>/s, Jun 28, gage height, 19.72 ft; minimum discharge (river channel only), 608 ft<sup>3</sup>/s, Apr 20, gage height, 4.47 ft.

## 01347000 MOHAWK RIVER NEAR LITTLE FALLS, NY—Continued

**DISCHARGE, CUBIC FEET PER SECOND**  
**WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**  
**DAILY MEAN VALUES**

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1,460	2,880	9,760	4,350	7,180	e2,800	2,500	2,780	1,760	13,300	2,630	1,380
2	1,350	3,050	10,000	3,530	6,430	e2,800	2,920	2,670	1,670	8,950	2,180	1,310
3	1,360	3,040	7,330	3,470	7,550	e2,700	2,610	2,440	2,480	5,630	2,120	1,240
4	1,290	2,940	5,270	3,670	7,980	e2,700	3,060	2,130	3,720	4,460	3,520	1,440
5	1,230	2,750	4,580	3,770	7,740	e2,600	4,060	2,000	2,740	3,820	3,350	1,410
6	1,260	2,730	3,980	4,070	6,960	2,760	4,120	1,650	2,110	3,240	2,290	1,320
7	1,340	3,270	2,790	3,760	6,460	2,640	4,050	1,630	1,890	2,620	1,810	1,280
8	2,680	3,050	2,530	3,320	5,690	2,630	4,610	1,590	2,220	2,080	1,830	1,240
9	2,820	e4,760	2,920	3,110	5,160	2,830	4,300	1,540	2,220	2,060	1,600	1,210
10	2,090	e7,300	3,420	3,130	4,780	4,570	3,650	1,460	4,060	2,350	2,040	1,240
11	1,730	8,020	3,070	3,180	4,410	6,410	2,640	1,450	3,690	2,470	2,010	1,150
12	1,640	6,510	3,020	5,420	4,270	5,790	2,210	1,690	2,590	4,190	1,960	1,150
13	3,300	4,120	2,820	6,020	4,020	6,040	2,170	1,770	2,190	11,100	1,960	1,130
14	4,670	3,580	2,880	6,380	3,500	11,200	2,340	1,660	1,890	8,150	2,050	1,330
15	6,950	4,060	3,110	5,860	2,940	8,140	2,640	2,600	1,810	7,530	2,100	1,420
16	4,340	9,620	3,150	3,810	3,450	6,490	2,710	3,340	1,720	4,520	2,090	1,280
17	2,650	13,200	3,130	3,460	3,940	5,200	2,470	3,280	2,050	3,070	2,050	1,220
18	2,440	11,400	3,040	6,900	3,500	4,850	2,330	3,230	3,200	2,750	1,410	1,100
19	2,570	8,120	3,000	8,340	e3,150	4,320	2,260	3,360	3,210	2,570	1,170	989
20	2,270	5,620	2,930	7,290	e3,050	4,020	2,180	3,150	2,610	2,430	1,870	1,150
21	2,500	3,690	2,850	6,700	e3,000	4,050	2,890	3,560	1,980	2,480	1,750	1,240
22	2,820	3,990	2,820	6,280	e3,000	4,080	3,320	3,930	1,590	7,680	1,370	1,220
23	7,640	3,540	2,850	5,540	e2,950	3,990	10,000	3,260	1,530	5,950	1,220	1,320
24	5,780	2,600	2,930	5,240	e2,950	4,230	8,570	2,830	1,530	3,310	1,150	1,430
25	8,500	2,500	3,110	4,970	e2,900	4,840	7,300	2,170	1,430	2,060	1,100	1,720
26	12,900	2,450	7,070	4,670	e2,900	4,970	5,800	1,990	2,490	3,400	1,060	1,600
27	9,680	2,350	6,570	4,390	e2,850	4,680	4,330	2,620	10,500	2,120	1,030	1,400
28	7,580	2,570	5,310	4,320	e2,800	4,420	3,340	2,450	29,600	2,460	1,090	1,280
29	5,830	4,060	4,760	4,420	---	3,780	2,990	2,070	28,100	3,840	1,890	4,970
30	4,560	10,400	7,410	6,580	---	3,330	2,910	1,910	21,400	5,650	2,530	3,270
31	3,830	---	5,880	7,540	---	2,830	---	1,820	---	4,090	1,670	---
<b>Total</b>	121,060	148,170	134,290	153,490	125,510	136,690	111,280	74,030	149,980	140,330	57,900	44,439
<b>Mean</b>	3,905	4,939	4,332	4,951	4,482	4,409	3,709	2,388	4,999	4,527	1,868	1,481
<b>Max</b>	12,900	13,200	10,000	8,340	7,980	11,200	10,000	3,930	29,600	13,300	3,520	4,970
<b>Min</b>	1,230	2,350	2,530	3,110	2,800	2,600	2,170	1,450	1,430	2,060	1,030	989

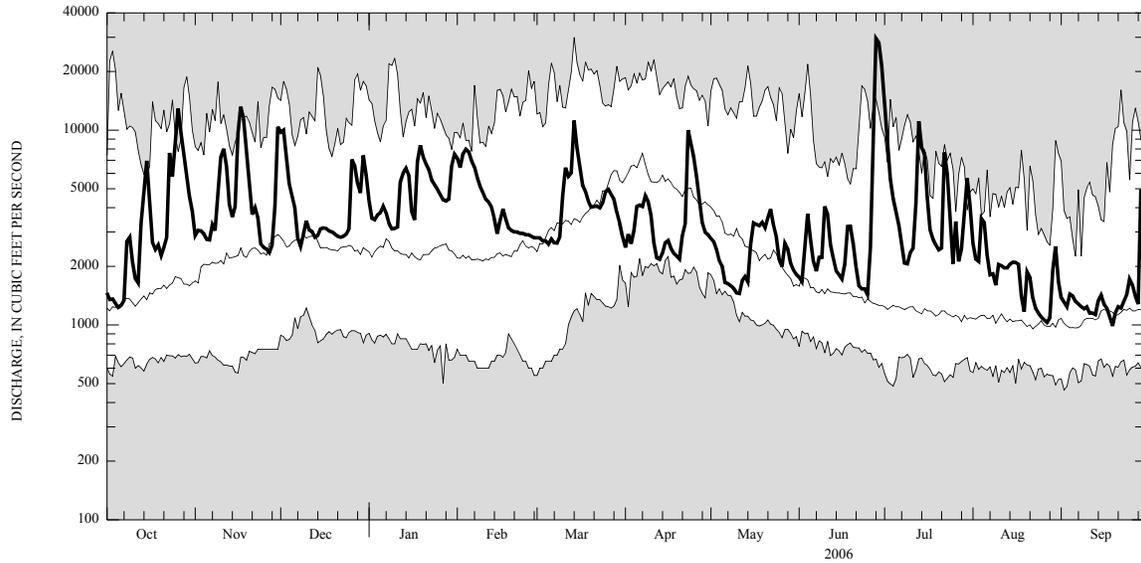
**STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1928 - 2006, BY WATER YEAR (WY)**

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Mean</b>	1,947	2,849	3,176	3,083	2,948	4,774	6,034	3,360	1,971	1,518	1,236	1,425
<b>Max</b>	6,529	5,873	6,673	6,825	6,759	9,558	13,160	7,879	6,306	4,527	3,059	4,361
<b>(WY)</b>	(1946)	(1960)	(1997)	(1998)	(1976)	(1945)	(1993)	(1943)	(1972)	(2006)	(2004)	(1977)
<b>Min</b>	719	750	1,061	820	679	1,693	2,289	1,334	900	685	642	684
<b>(WY)</b>	(1965)	(1931)	(1931)	(1931)	(1931)	(1940)	(1995)	(1995)	(1999)	(1934)	(1934)	(1939)

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SUMMARY STATISTICS

	Calendar Year 2005		Water Year 2006		Water Years 1928 - 2006	
<b>Annual total</b>	1,129,491		1,397,169			
<b>Annual mean</b>	3,094		3,828		2,857	
<b>Highest annual mean</b>					4,208	1976
<b>Lowest annual mean</b>					1,684	1931
<b>Highest daily mean</b>	16,900	Apr 3	29,600	Jun 28	29,900	Mar 14, 1977
<b>Lowest daily mean</b>	862	Jul 23	989	Sep 19	463	Sep 2, 1934
<b>Annual seven-day minimum</b>	919	Jul 21	1,150	Aug 22	529	Aug 29, 1934
<b>10 percent exceeds</b>	7,000		7,290		5,950	
<b>50 percent exceeds</b>	2,320		2,990		1,980	
<b>90 percent exceeds</b>	1,060		1,410		913	



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.