

**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 and crest-stage gage. 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, 15,600 ft<sup>3</sup>/s, Apr. 1, gage height, 13.30 ft; minimum discharge, 443 ft<sup>3</sup>/s, Oct. 3, 4, 5, 6, gage height, 4.45 ft.

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

**DISCHARGE, CUBIC FEET PER SECOND**  
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**  
**DAILY MEAN VALUES**

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	492	1,840	4,050	4,010	e2,860	e2,590	12,100	3,920	1,160	1,150	1,500	1,340
2	463	1,810	3,630	3,560	e2,930	e2,640	12,500	3,490	1,080	1,040	1,760	1,330
3	466	1,800	4,090	2,960	e2,910	2,650	9,900	2,810	1,130	1,040	2,360	1,290
4	475	1,730	5,120	3,270	3,300	3,460	9,580	3,080	1,110	1,050	2,090	1,290
5	465	1,700	4,650	3,570	5,640	7,820	9,270	2,910	1,040	1,060	1,880	1,330
6	517	1,940	3,940	3,630	11,100	8,550	8,420	2,540	6,000	1,020	1,650	1,350
7	607	2,130	3,550	4,450	12,500	7,560	8,120	2,270	3,770	993	1,590	1,430
8	715	2,110	3,440	8,550	9,900	10,900	7,620	2,330	2,030	1,000	1,580	1,320
9	1,320	2,100	3,320	10,400	8,390	12,600	7,130	2,210	1,500	916	1,670	1,320
10	1,390	2,300	3,160	8,390	6,180	10,500	6,810	2,020	1,230	953	1,620	1,340
11	1,110	2,550	2,590	8,950	4,670	8,680	6,630	1,890	1,380	979	2,230	1,280
12	1,560	2,450	4,330	11,700	3,730	6,800	10,700	1,690	1,260	959	4,810	1,300
13	1,380	2,630	4,970	10,200	e3,490	5,330	13,600	1,760	1,170	1,070	3,460	1,780
14	1,030	2,720	3,880	6,980	e3,640	4,730	11,500	1,580	1,310	2,570	3,480	2,030
15	924	4,180	3,130	5,520	e3,430	5,550	7,980	1,650	1,080	1,480	2,440	1,920
16	819	5,950	2,510	4,680	e3,520	6,250	6,100	1,580	1,160	1,130	2,240	1,560
17	674	4,500	2,610	4,030	3,340	5,810	5,310	1,500	1,280	1,040	1,980	1,400
18	647	3,590	2,940	e3,740	4,310	5,270	5,310	1,660	1,200	1,140	1,820	1,360
19	718	3,160	2,760	e3,600	5,940	5,950	6,110	1,710	1,200	1,070	2,000	1,270
20	2,420	3,740	2,550	e3,480	4,720	11,300	6,700	1,610	1,180	1,180	2,120	1,250
21	1,700	4,900	2,710	e3,350	3,780	8,890	6,620	1,400	1,150	1,660	3,220	1,200
22	1,140	4,460	2,550	e3,280	3,360	7,930	5,860	1,400	1,180	1,430	1,660	1,200
23	1,930	4,260	2,830	e3,210	e3,140	6,420	4,210	1,600	1,320	1,930	1,560	1,170
24	6,690	3,580	7,810	e3,160	e2,940	5,260	3,320	1,380	1,290	2,840	1,400	1,210
25	3,060	2,900	7,020	e3,130	e2,770	4,670	3,260	1,320	1,230	2,960	1,380	1,110
26	2,220	2,590	5,940	e3,080	e2,710	4,940	3,110	1,210	1,170	1,750	1,450	1,140
27	4,560	7,750	4,450	e3,020	e2,650	5,450	3,090	1,230	1,150	4,230	1,290	1,280
28	5,930	6,220	3,780	e2,990	e2,610	5,670	3,370	1,280	1,140	4,340	1,300	1,370
29	3,360	5,520	4,520	e2,960	e2,570	5,330	5,100	1,210	1,120	2,890	1,330	1,330
30	2,380	4,100	5,470	e2,900	---	4,810	4,880	1,170	1,160	1,520	1,370	1,270
31	2,000	---	4,690	e2,940	---	5,540	---	1,130	---	1,470	1,390	---
<b>Total</b>	53,162	101,210	122,990	149,690	133,030	199,850	214,210	58,540	44,180	49,860	61,630	40,770
<b>Mean</b>	1,715	3,374	3,967	4,829	4,587	6,447	7,140	1,888	1,473	1,608	1,988	1,359
<b>Max</b>	6,690	7,750	7,810	11,700	12,500	12,600	13,600	3,920	6,000	4,340	4,810	2,030
<b>Min</b>	463	1,700	2,510	2,900	2,570	2,590	3,090	1,130	1,040	916	1,290	1,110

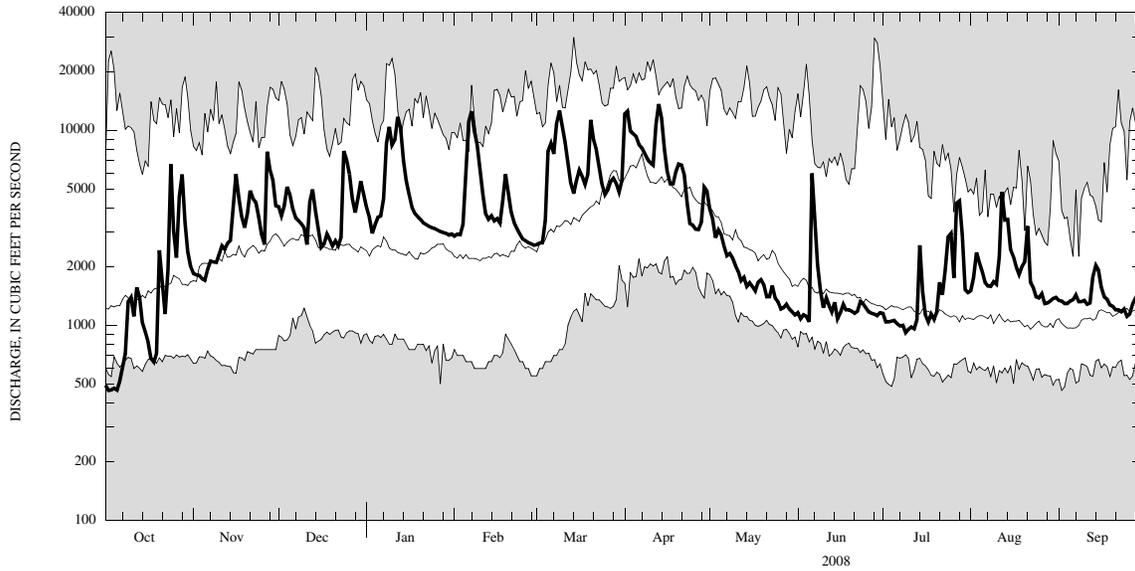
## STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1928 - 2008, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Mean</b>	1,985	2,894	3,203	3,140	2,959	4,814	6,070	3,328	1,954	1,512	1,242	1,416
<b>Max</b>	6,529	5,913	6,673	6,825	6,759	9,558	13,160	7,879	6,306	4,527	3,059	4,361
<b>(WY)</b>	(1946)	(2007)	(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 2007		Water Year 2008		Water Years 1928 - 2008	
<b>Annual total</b>	1,134,805		1,229,122			
<b>Annual mean</b>	3,109		3,358		2,873	
<b>Highest annual mean</b>					4,208	1976
<b>Lowest annual mean</b>					1,684	1931
<b>Highest daily mean</b>	16,400	Mar 27	13,600	Apr 13	29,900	Mar 14, 1977
<b>Lowest daily mean</b>	463	Oct 2	463	Oct 2	463	Sep 2, 1934
<b>Annual seven-day minimum</b>	489	Sep 30	498	Oct 1	489	Sep 30, 2007
<b>10 percent exceeds</b>	7,950		6,990		6,000	
<b>50 percent exceeds</b>	1,960		2,610		1,990	
<b>90 percent exceeds</b>	751		1,130		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.