01357499 MOHAWK RIVER DIVERSION AT CRESCENT DAM, NY

Upper Hudson Basin
Mohawk Subbasin

LOCATION.--Lat 42°48′10″, long 73°42′11″ referenced to North American Datum of 1927, Saratoga County, NY, Hydrologic Unit 02020004, Lock 6 at Crescent Dam, near Waterford.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--December 1917 to current year. Prior to 1926, records included with 01357500 Mohawk River at Cohoes, published as total flow.

REVISED RECORDS.--WDR NY-96-1: 1995.

GAGE.--There is no gage.

COOPERATION.--Records provided by New York State Canal Corporation.

REMARKS.--Diversions from Mohawk River at Crescent Dam through Barge Canal at Lock 6.

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	91	79	3.0	3.0	3.0	3.0	3.0	103	97	133	109	115
2	133	85	3.0	3.0	3.0	3.0	3.0	115	109	127	133	121
3	103	91	3.0	3.0	3.0	3.0	3.0	97	115	145	79	169
4	145	79	3.0	3.0	3.0	3.0	3.0	91	115	133	121	121
5	139	91	3.0	3.0	3.0	3.0	3.0	91	115	139	109	103
6	121	3.0	3.0	3.0	3.0	3.0	3.0	103	97	133	109	139
7	109	3.0	3.0	3.0	3.0	3.0	3.0	109	127	145	115	91
8	115	3.0	3.0	3.0	3.0	3.0	3.0	97	109	115	109	91
9	115	3.0	3.0	3.0	3.0	3.0	3.0	109	121	121	91	127
10	127	3.0	3.0	3.0	3.0	3.0	3.0	115	121	127	115	109
11	97	3.0	3.0	3.0	3.0	3.0	3.0	115	133	103	133	109
12	97	3.0	3.0	3.0	3.0	3.0	3.0	109	97	109	121	115
13	121	3.0	3.0	3.0	3.0	3.0	3.0	109	127	109	97	121
14	91	3.0	3.0	3.0	3.0	3.0	3.0	97	109	133	121	109
15	91	3.0	3.0	3.0	3.0	3.0	3.0	115	139	139	103	109
16	97	3.0	3.0	3.0	3.0	3.0	3.0	121	103	121	121	115
17	103	3.0	3.0	3.0	3.0	3.0	3.0	127	127	127	97	121
18	91	3.0	3.0	3.0	3.0	3.0	3.0	115	145	115	109	109
19	85	3.0	3.0	3.0	3.0	3.0	3.0	103	139	109	109	109
20	103	3.0	3.0	3.0	3.0	3.0	3.0	115	115	127	121	109
21	115	3.0	3.0	3.0	3.0	3.0	3.0	139	97	121	139	103
22	109	3.0	3.0	3.0	3.0	3.0	3.0	127	97	121	97	97
23	121	3.0	3.0	3.0	3.0	3.0	3.0	109	127	103	73	103
24	109	3.0	3.0	3.0	3.0	3.0	3.0	127	97	127	73	109
25	85	3.0	3.0	3.0	3.0	3.0	3.0	139	139	109	73	127
26	79	3.0	3.0	3.0	3.0	3.0	85	109	133	109	73	115
27	91	3.0	3.0	3.0	3.0	3.0	97	109	121	97	115	121
28	91	3.0	3.0	3.0	3.0	3.0	79	145	133	91	145	109
29	85	3.0	3.0	3.0	---	3.0	73	121	103	73	103	121
30	73	3.0	3.0	3.0	---	3.0	73	145	139	169	97	91
31	79	---	3.0	3.0	---	3.0	---	133	---	121	121	---
Total	3,211	500.0	93.0	93.0	84.0	93.0	482.0	3,559	3,546	3,751	3,331	3,408
Mean	104	16.7	3.00	3.00	3.00	3.00	16.1	115	118	121	107	114
Max	145	91	3.0	3.0	3.0	3.0	97	145	145	169	145	169
Min	73	3.0	3.0	3.0	3.0	3.0	3.0	91	97	73	73	91

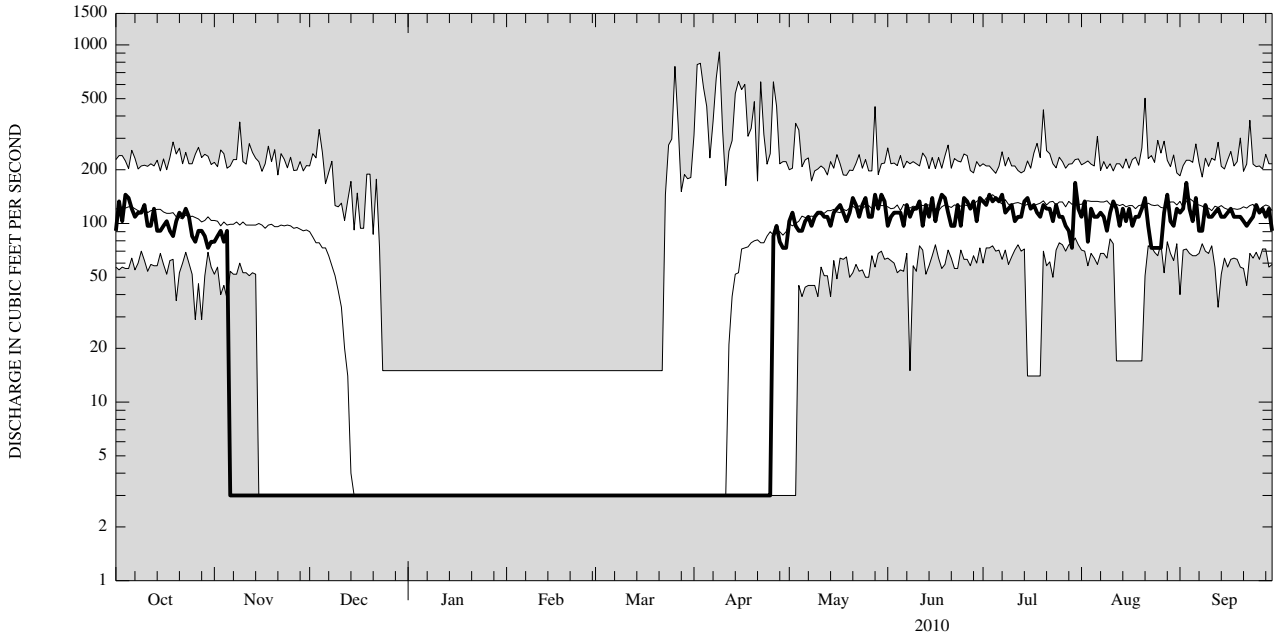
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1926 - 2010, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	119	105	30.9	3.35	3.35	6.65	63.4	118	127	133	130	126
Max	203	180	73.0	15.0	15.0	35.9	141	175	186	186	196	203
(WY)	(1937)	(1939)	(1977)	(1934)	(1934)	(1965)	(1951)	(1939)	(1937)	(1936)	(1936)	(1936)
Min	75.4	16.7	3.00	3.00	3.00	3.00	3.00	70.4	85.8	92.2	93.2	81.2
(WY)	(1963)	(2010)	(1997)	(1935)	(1935)	(1936)	(1992)	(1963)	(1960)	(1927)	(1962)	(1962)

01357499 MOHAWK RIVER DIVERSION AT CRESCENT DAM, NY—Continued

SUMMARY STATISTICS

	Calendar Year 2009		Water Year 2010		Water Years 1926 - 2010	
Annual total	23,131.0		22,151.0			
Annual mean	63.4		60.7		80.8	
Highest annual mean					122	1937
Lowest annual mean					57.8	1963
Highest daily mean	157	Jun 15	169	Jul 30	913	Apr 9, 1967
Lowest daily mean	3.0	Jan 1	3.0	Nov 6	3.0	Dec 18, 1934
Annual seven-day minimum	3.0	Jan 1	3.0	Nov 6	3.0	Dec 18, 1934
10 percent exceeds	133		127		155	
50 percent exceeds	85		79		94	
90 percent exceeds	3.0		3.0		3.0	



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.