01343060 WEST CANADA CREEK NEAR WILMURT, NY

Upper Hudson Basin
Mohawk Subbasin

LOCATION.--Lat 43°21′58″, long 74°57′29″ referenced to North American Datum of 1927, Herkimer County, NY, Hydrologic Unit 02020004, on right bank 15 ft downstream from bridge on State Highway 8, 2.6 mi southwest of Wilmurt, and about 3.0 mi upstream from Hinckley Reservoir.

DRAINAGE AREA.--258 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--April 2001 (maximum only), June 2001 to current year.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 1,257.97 ft above NGVD of 1929.

REMARKS.--Records good except those for estimated daily discharges, which are poor. Satellite gage-height telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 25,500 ft^3/s, Apr. 28, 2011, gage height, 14.11 ft, from crest-stage gage; minimum discharge, 34 ft^3/s, Sept. 14, 2002; minimum gage height, 2.13 ft, Sept. 8, 9, 2007.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 6,500 ft^3/s and (or) maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)
Oct 1	1115	12,500	10.89
Apr 12	0330	6,950	8.53
Apr 27	0445	12,900	11.05
Apr 28	1200	*25,500	a*14.11
Sep 8	0345	11,500	10.51

a From crest-stage gage.

Minimum discharge, 64 ft^3/s, Aug. 5, 6, gage height, 2.24 ft.

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 01343060, accessed at http://wdr.water.usgs.gov/wy2011/pdfs/01343060.2011.pdf

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
DAILY MEAN VALUES
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	10,200	620	2,800	280	e195	e219	410	2,230	678	696	83	507
2	4,410	541	4,480	e317	e192	e228	429	1,610	541	486	73	369
3	2,000	482	2,250	e344	e203	e247	465	1,430	461	387	69	288
4	1,170	464	1,350	e324	e216	e288	593	3,750	396	440	69	245
5	1,050	657	920	e300	e238	e321	2,050	3,140	351	326	66	1,070
6	1,390	674	707	e284	e239	e1,340	1,880	2,000	327	261	70	3,350
7	3,420	575	589	e274	e231	e2,870	1,260	1,390	272	234	135	2,730
8	2,310	507	500	e260	e226	e2,030	1,140	1,060	229	198	225	7,930
9	1,370	497	406	e251	e222	e1,570	1,130	872	204	174	188	e3,180
10	931	473	388	e239	e216	1,390	1,660	705	186	152	860	e1,530
11	715	437	431	e236	e213	2,010	3,360	600	225	140	412	e880
12	587	403	474	e228	e206	2,640	6,090	529	346	134	262	e621
13	499	376	1,450	e233	e195	2,110	4,830	476	358	123	181	483
14	440	356	e1,100	e239	e195	1,510	4,080	468	307	115	141	418
15	594	344	e870	e234	e191	1,120	3,660	737	274	107	140	430
16	1,240	341	634	e226	e186	914	2,620	1,460	227	101	820	466
17	1,150	667	556	e219	e172	894	3,520	1,390	193	94	604	377
18	867	1,270	496	e223	e158	1,380	3,070	1,090	208	96	342	314
19	677	943	394	e223	e248	2,170	1,990	1,090	199	107	232	273
20	566	709	383	e219	e251	1,600	3,080	1,610	e165	95	176	332
21	592	575	375	e205	e242	1,210	3,720	2,180	e141	87	149	381
22	765	581	355	e195	e233	994	2,370	1,910	e225	81	177	373
23	657	1,560	333	e196	e215	808	2,260	1,410	677	75	155	546
24	630	1,550	308	e184	e216	690	2,830	1,320	619	70	129	706
25	682	1,000	298	e205	e212	600	2,860	1,100	3,240	80	128	647
26	881	909	293	e214	e209	506	8,370	866	1,960	98	128	477
27	1,500	839	283	e209	e205	489	10,000	897	1,120	87	113	387
28	1,380	637	338	e191	e209	462	e17,200	1,640	864	78	1,670	420
29	1,010	593	271	e177	---	435	8,040	1,830	2,090	85	3,610	520
30	866	553	266	e168	---	411	3,640	1,240	1,190	126	1,570	1,060
31	725	---	262	e200	---	421	---	871	---	100	820	---
Total	45,274	20,133	24,560	7,297	5,934	33,877	108,607	42,901	18,273	5,433	13,797	31,310
Mean	1,460	671	792	235	212	1,093	3,620	1,384	609	175	445	1,044
Max	10,200	1,560	4,480	344	251	2,870	17,200	3,750	3,240	696	3,610	7,930
Min	440	341	262	168	158	219	410	468	141	70	66	245
Cfsm	5.66	2.60	3.07	0.91	0.82	4.24	14.0	5.36	2.36	0.68	1.73	4.05
In.	6.53	2.90	3.54	1.05	0.86	4.88	15.66	6.19	2.63	0.78	1.99	4.51

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2001 - 2011, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	900	875	784	624	405	984	2,130	854	590	320	354	339
Max	1,481	1,434	1,340	1,490	859	1,483	3,620	1,384	1,382	731	675	1,044
(WY)	(2007)	(2007)	(2009)	(2007)	(2008)	(2009)	(2011)	(2011)	(2006)	(2006)	(2004)	(2011)
Min	216	425	398	235	203	362	894	407	115	102	49.3	92.3
(WY)	(2002)	(2002)	(2003)	(2011)	(2004)	(2005)	(2010)	(2005)	(2007)	(2002)	(2002)	(2007)

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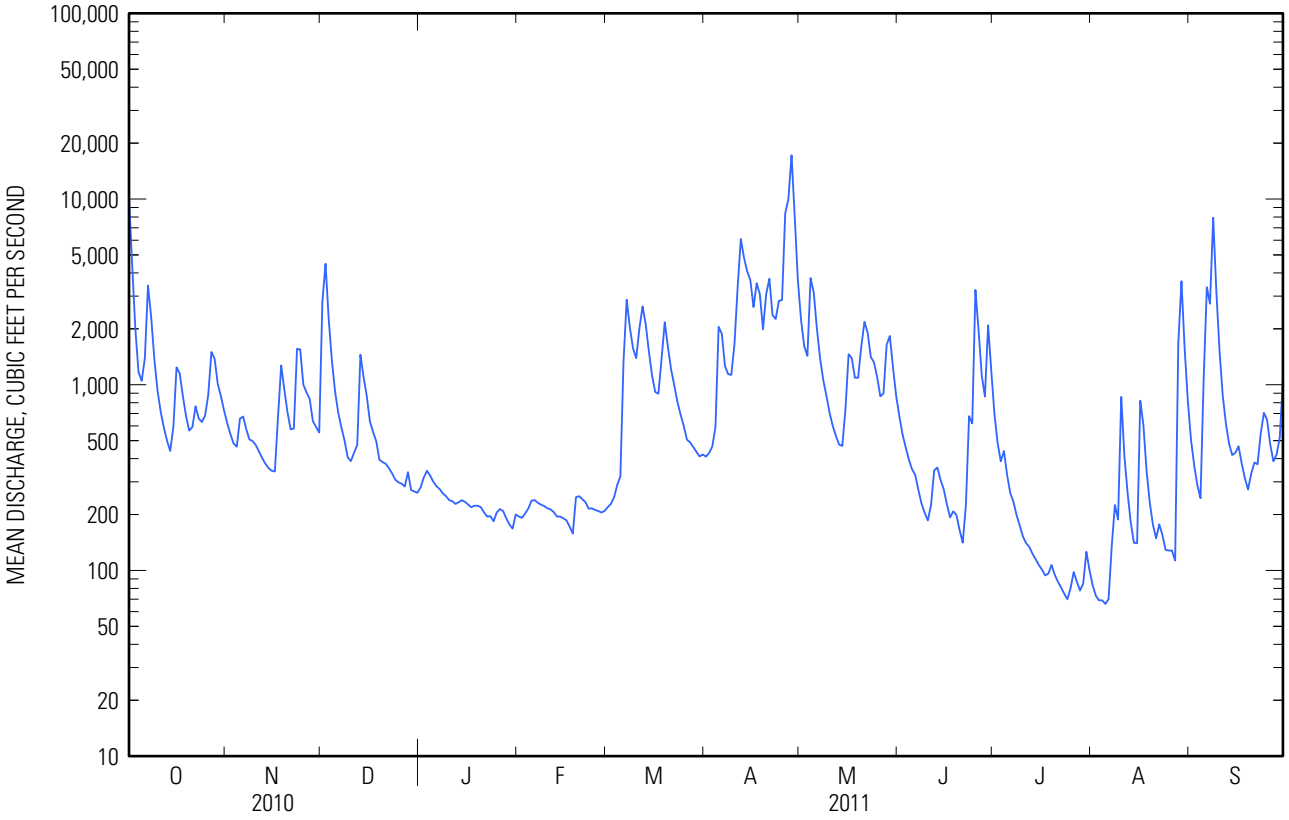
SUMMARY STATISTICS

	Calendar Year 2010		Water Year 2011		Water Years 2001 - 2011	
Annual total	259,263		357,396			
Annual mean	710		979		768	
Highest annual mean					979	2011
Lowest annual mean					620	2002
Highest daily mean	10,200	Oct 1	17,200	Apr 28	17,200	Apr 28, 2011
Lowest daily mean	113	May 31	66	Aug 5	35	Sep 13, 2002
Annual seven-day minimum	134	Feb 17	76	Jul 31	37	Sep 8, 2002
Annual runoff (cfsm)	2.75		3.80		2.98	
Annual runoff (inches)	37.38		51.53		40.47	
10 percent exceeds	1,550		2,240		1,800	
50 percent exceeds	394		468		410	
90 percent exceeds	168		151		128