Water-Data Report 2013

01343060 WEST CANADA CREEK NEAR WILMURT, NY

Upper Hudson Basin
Mohawk Subbasin

LOCATION.--Lat 43°21′58″, long 74°57′28″ referenced to North American Datum of 1983, 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.--Maximum only--April 2001, 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)
Apr 20	0430	*11,900	*10.62
Jun 28	1630	7,060	8.72
Jul 2	0230	7,200	8.78

Minimum discharge, 92 ft^3/s, Aug. 24, gage height, 2.35 ft.

Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2013: U.S. Geological Survey Water-Data Report WDR-US-2013, site 01343060, accessed at http://wdr.water.usgs.gov/wy2013/pdfs/01343060.2013.pdf

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
DAILY MEAN VALUES
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1,320	554	178	338	e2,320	254	746	1,170	599	1,620	270	207
2	872	696	209	e283	e1,390	242	907	1,060	558	5,630	566	186
3	559	625	e284	e284	e928	238	678	942	541	4,480	423	235
4	449	521	e390	e319	e691	227	553	804	440	2,950	344	207
5	352	441	e505	308	e537	220	513	676	363	1,900	286	196
6	291	374	e539	293	e450	217	497	569	321	1,580	243	173
7	259	325	e436	284	e347	209	514	490	955	1,170	215	145
8	283	299	e384	309	e337	207	890	435	1,500	1,580	201	136
9	267	276	e378	274	e341	217	1,750	424	1,040	1,270	195	122
10	243	265	e533	258	e333	228	4,000	469	775	1,210	196	164
11	303	260	e872	249	e322	264	4,000	829	2,700	1,790	e182	230
12	376	254	e772	281	e312	575	2,510	934	2,550	1,170	e181	419
13	359	349	e595	395	e301	1,830	1,980	722	1,780	856	e180	422
14	740	410	e519	1,020	e299	1,510	1,610	619	2,000	682	183	317
15	1,220	345	e474	1,190	e278	1,070	1,260	562	1,250	558	183	235
16	947	301	e435	858	e273	821	1,750	567	948	451	e157	209
17	644	272	e418	637	e252	626	4,020	453	1,080	378	e162	186
18	471	249	e492	405	e254	505	3,210	386	995	336	e123	162
19	1,010	233	e633	e387	e257	445	4,740	344	781	294	e97	144
20	2,250	226	e601	e363	e242	432	8,030	336	585	268	e102	130
21	1,460	219	e743	e302	e223	408	3,160	357	464	315	e94	125
22	1,030	210	e950	e284	e219	375	1,930	932	387	279	95	227
23	752	206	e712	e262	e250	349	1,530	991	384	450	96	219
24	580	239	e597	e266	258	333	1,520	1,300	674	552	100	175
25	472	230	e505	e275	251	318	2,910	1,910	901	424	111	149
26	402	224	448	e273	252	308	2,220	2,490	1,700	316	108	134
27	357	213	446	e245	241	303	1,560	1,670	1,290	259	129	123
28	322	195	436	e245	256	297	1,270	1,120	4,290	272	131	116
29	294	200	418	e268	---	302	1,240	1,000	3,520	480	138	111
30	346	188	366	e424	---	306	1,220	1,040	2,100	350	168	106
31	438	---	354	e1,430	---	340	---	784	---	276	174	---
Total	19,668	9,399	15,622	13,009	12,414	13,976	62,718	26,385	37,471	34,146	5,833	5,710
Mean	634	313	504	420	443	451	2,091	851	1,249	1,101	188	190
Max	2,250	696	950	1,430	2,320	1,830	8,030	2,490	4,290	5,630	566	422
Min	243	188	178	245	219	207	497	336	321	259	94	106
Cfsm	2.46	1.21	1.95	1.63	1.72	1.75	8.10	3.30	4.84	4.27	0.73	0.74
In.	2.84	1.36	2.25	1.88	1.79	2.02	9.04	3.80	5.40	4.92	0.84	0.82

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2001 - 2013, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	880	809	756	602	404	991	2,000	862	632	364	325	313
Max	1,481	1,434	1,340	1,490	859	1,603	3,620	1,384	1,382	1,101	675	1,044
(WY)	(2007)	(2007)	(2009)	(2007)	(2008)	(2012)	(2011)	(2011)	(2006)	(2013)	(2004)	(2011)
Min	216	313	398	235	203	362	616	407	115	102	49.3	92.3
(WY)	(2002)	(2013)	(2003)	(2011)	(2004)	(2005)	(2012)	(2005)	(2007)	(2002)	(2002)	(2007)

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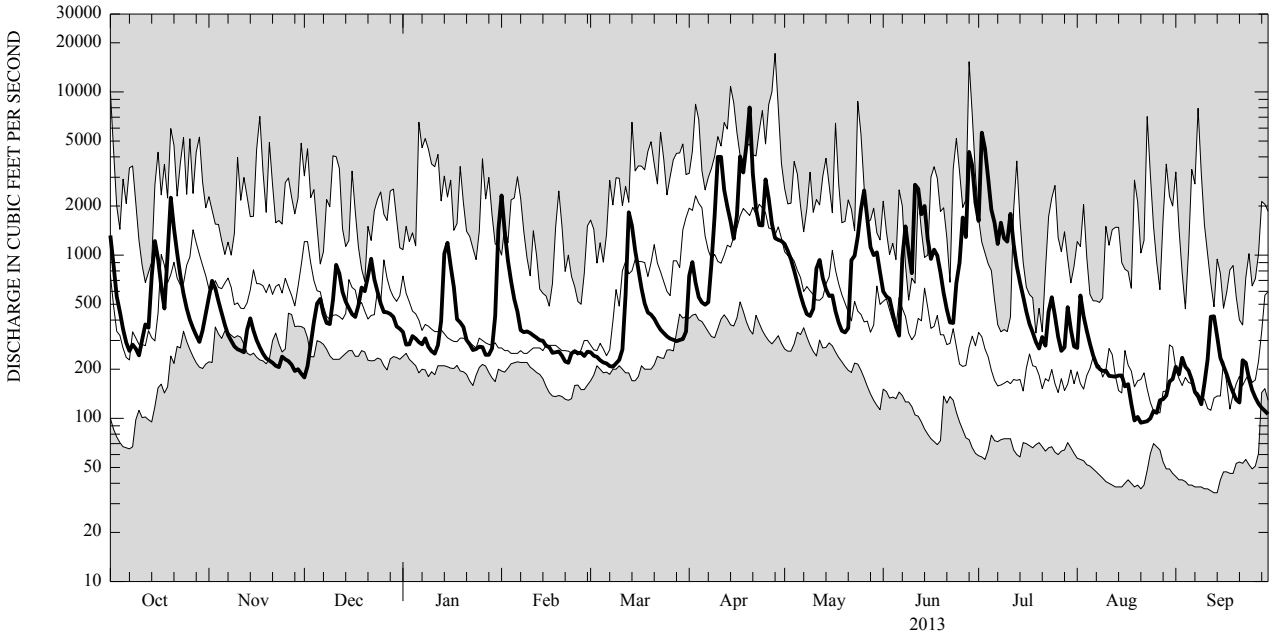
SUMMARY STATISTICS

	Calendar Year 2012		Water Year 2013		Water Years 2001 - 2013	
Annual total	195,026		256,351			
Annual mean	533		702		749	
Highest annual mean					979	2011
Lowest annual mean					604	2012
Highest daily mean	4,950	Mar 20	8,030	Apr 20	17,200	Apr 28, 2011
Lowest daily mean	52	Sep 3	94	Aug 21	35	Sep 13, 2002
Annual seven-day minimum	65	Aug 30	99	Aug 19	37	Sep 8, 2002
Annual runoff (cfsm)	2.07		2.72		2.90	
Annual runoff (inches)	28.12		36.96		39.45	
10 percent exceeds	1,090		1,580		1,750	
50 percent exceeds	345		384		406	
90 percent exceeds	91		183		128	



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.