Water-Data Report 2012

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)
Mar 20	0115	*6,200	*8.31

Minimum discharge, 50 ft^3/s, Sept. 3, gage height, 2.17 ft.

Suggested citation: U.S. Geological Survey, 2013, Water-resources data for the United States, Water Year 2012: U.S. Geological Survey Water-Data Report WDR-US-2012, site 01343060, accessed at http://wdr.water.usgs.gov/wy2012/pdfs/01343060.2012.pdf

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
DAILY MEAN VALUES
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	851	563	1,820	e450	e700	237	508	677	598	97	130	59
2	773	503	1,210	e450	e775	241	488	738	782	89	119	55
3	760	459	894	e430	e725	259	435	846	1,010	81	111	52
4	649	423	698	e410	e575	314	401	1,030	961	79	86	53
5	546	384	605	e400	e465	266	392	951	940	79	89	90
6	449	355	849	e400	e425	242	365	736	700	73	198	98
7	379	337	1,050	e410	e385	263	339	590	567	72	182	81
8	339	323	869	e390	e360	392	317	1,930	584	74	158	97
9	309	312	693	e370	e345	2,200	312	3,220	456	75	111	229
10	284	321	591	e355	e330	1,690	355	1,830	407	75	157	149
11	264	490	506	e340	e300	1,130	405	1,260	348	75	255	111
12	247	470	420	e340	e285	973	431	912	358	64	294	90
13	268	419	404	e335	e280	1,500	405	709	970	60	242	78
14	676	403	439	e330	e280	2,410	374	599	738	58	192	70
15	1,760	831	532	e300	e275	2,120	368	1,070	487	89	266	69
16	2,190	829	1,570	e295	e275	3,520	506	1,630	362	160	245	66
17	2,340	717	1,300	e285	e270	3,510	517	1,200	296	132	175	60
18	1,590	618	765	e295	e270	3,330	453	875	249	187	143	95
19	1,110	518	660	e310	e255	4,320	390	676	230	168	123	649
20	1,120	498	623	e310	e250	4,950	349	539	221	117	106	373
21	1,530	528	573	e315	e250	3,610	328	456	198	102	94	228
22	1,440	454	e690	e315	260	2,730	467	469	174	96	83	174
23	1,180	896	e760	e320	279	2,090	1,560	1,080	156	91	78	185
24	947	965	e630	e335	278	1,560	1,870	774	180	225	74	180
25	1,090	749	e510	e390	274	1,290	1,480	598	164	158	70	155
26	974	829	e500	e450	263	1,070	1,220	489	151	131	67	153
27	1,130	866	e510	1,650	272	836	1,110	394	142	181	67	165
28	1,190	1,050	e520	2,990	250	739	950	337	126	145	103	144
29	953	1,250	e510	1,770	233	727	756	456	122	145	103	152
30	768	2,130	e470	1,170	---	634	615	1,370	110	110	79	264
31	639	---	e470	878	---	555	---	864	---	120	67	---
Total	28,745	19,490	22,641	17,788	10,184	49,708	18,466	29,305	12,787	3,408	4,267	4,424
Mean	927	650	730	574	351	1,603	616	945	426	110	138	147
Max	2,340	2,130	1,820	2,990	775	4,950	1,870	3,220	1,010	225	294	649
Min	247	312	404	285	233	237	312	337	110	58	67	52
Cfsm	3.59	2.52	2.83	2.22	1.36	6.22	2.39	3.66	1.65	0.43	0.53	0.57
In.	4.14	2.81	3.26	2.56	1.47	7.17	2.66	4.23	1.84	0.49	0.62	0.64

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2001 - 2012, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	902	854	779	619	400	1,040	1,992	863	575	303	336	323
Max	1,481	1,434	1,340	1,490	859	1,603	3,620	1,384	1,382	731	675	1,044
(WY)	(2007)	(2007)	(2009)	(2007)	(2008)	(2012)	(2011)	(2011)	(2006)	(2006)	(2004)	(2011)
Min	216	425	398	235	203	362	616	407	115	102	49.3	92.3
(WY)	(2002)	(2002)	(2003)	(2011)	(2004)	(2005)	(2012)	(2005)	(2007)	(2002)	(2002)	(2007)

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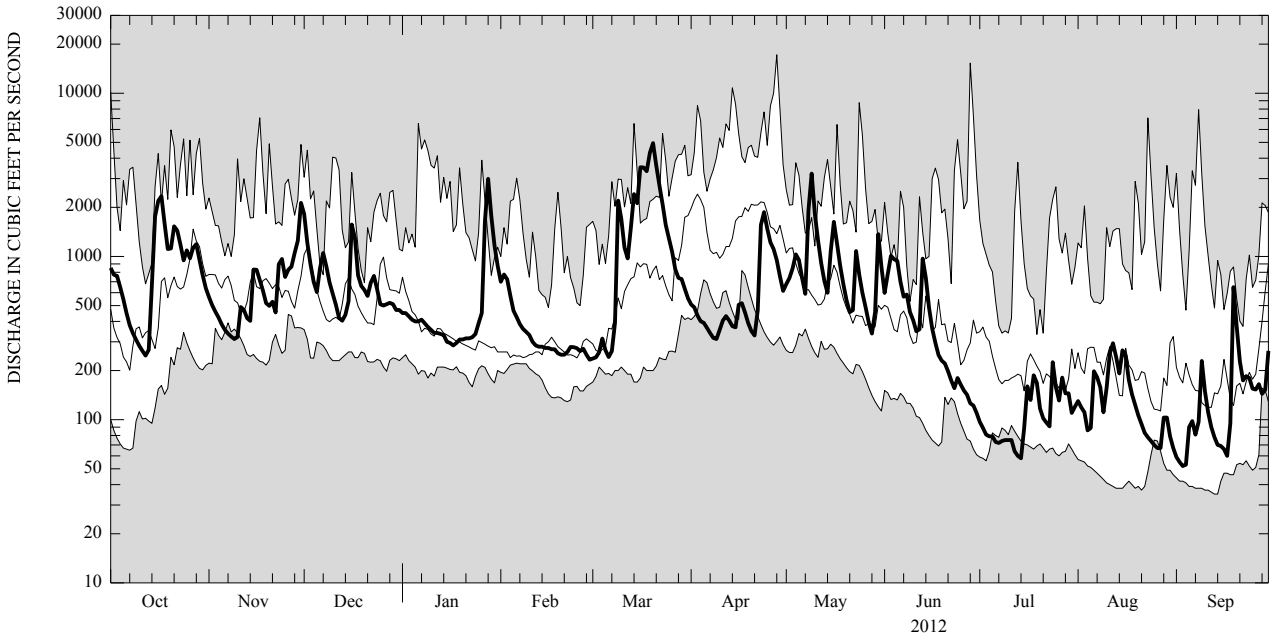
SUMMARY STATISTICS

	Calendar Year 2011		Water Year 2012		Water Years 2001 - 2012	
Annual total	338,305		221,213			
Annual mean	927		604		753	
Highest annual mean					979	2011
Lowest annual mean					604	2012
Highest daily mean	17,200	Apr 28	4,950	Mar 20	17,200	Apr 28, 2011
Lowest daily mean	66	Aug 5	52	Sep 3	35	Sep 13, 2002
Annual seven-day minimum	76	Jul 31	65	Aug 30	37	Sep 8, 2002
Annual runoff (cfsm)	3.59		2.34		2.92	
Annual runoff (inches)	48.78		31.90		39.68	
10 percent exceeds	2,100		1,270		1,760	
50 percent exceeds	470		397		408	
90 percent exceeds	151		91		124	



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.