03145483 Raccoon Creek near Granville, OH

Muskingum Basin
Licking Subbasin

LOCATION.--Lat 40°04′08″, long 82°33′06″ referenced to North American Datum of 1983, Licking County, OH, Hydrologic Unit 05040006, on left upstream side of bridge on W. Broadway St (CR-539A) 1.25 mi west of Granville.

DRAINAGE AREA.--78.2 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 2007 to current year.

GAGE.--Water-stage recorder. Datum of gage is 901.46 NAVD 1988.

COOPERATION.--Operated in cooperation with the Village of Granville.

REMARKS.--Records good, except for estimated periods, which are poor.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 2,000 ft^3/s and (or) maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)
Jan 11	1545	2,140	11.36
Jul 9	2015	*2,810	*12.72
Jul 10	2300	2,630	12.42
Jul 22	1600	2,260	11.66

Minimum discharge, 5.2 ft^3/s, Oct. 13, 14, Sept. 12, gage height, 3.13 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 03145483, accessed at http://wdr.water.usgs.gov/wy2013/pdfs/03145483.2013.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	8.7	e95	9.7	107	167	213	58	112	22	608	23	13
2	7.7	e68	12	e95	110	149	50	79	30	462	21	9.7
3	6.7	46	19	e83	e80	113	45	63	19	150	23	9.9
4	6.1	34	17	e71	e64	86	42	51	18	104	22	9.1
5	6.5	27	145	e63	e53	80	41	44	16	517	18	8.2
6	11	23	67	e67	e48	97	38	38	18	244	17	7.7
7	21	20	209	e60	e45	159	35	36	30	138	16	7.4
8	16	18	489	e55	196	216	34	37	23	629	15	6.7
9	11	16	180	175	156	143	33	31	19	1,660	29	6.5
10	8.6	14	785	292	112	109	40	55	29	1,350	26	6.2
11	6.6	14	229	1,140	171	178	125	129	105	855	18	5.9
12	5.7	20	124	707	127	402	462	66	52	252	17	8.8
13	5.4	126	84	324	88	176	205	47	115	152	15	16
14	5.6	54	66	486	70	125	117	39	86	99	14	11
15	8.1	37	55	202	63	103	84	34	45	65	13	8.0
16	12	29	49	149	e54	133	72	33	36	47	13	7.4
17	9.9	24	55	117	e41	108	214	29	39	38	12	6.8
18	8.1	20	149	92	e32	905	137	26	34	32	12	6.4
19	7.5	19	83	81	65	538	215	24	28	30	11	6.3
20	e11	18	416	73	61	216	159	22	24	39	11	6.1
21	e14	17	544	e56	47	143	95	21	21	44	11	29
22	14	16	184	e40	46	105	76	19	19	691	10	40
23	11	14	e135	e34	60	87	64	20	18	291	13	16
24	9.0	13	e110	e29	68	77	175	19	17	165	11	12
25	8.0	13	e145	e26	53	80	206	18	19	76	9.8	9.6
26	7.3	12	e138	e24	184	82	110	16	92	48	9.1	8.7
27	76	11	e110	e23	666	104	79	16	88	40	8.7	8.0
28	73	11	e100	138	307	80	135	19	46	39	8.9	7.5
29	181	10	113	222	---	69	396	21	276	29	8.6	7.0
30	218	10	104	504	---	60	176	19	828	23	8.8	6.7
31	e125	---	103	395	---	60	---	18	---	22	11	---
Total	919.5	849	5,028.7	5,930	3,234	5,196	3,718	1,201	2,212	8,939	455.9	311.6
Mean	29.7	28.3	162	191	116	168	124	38.7	73.7	288	14.7	10.4
Max	218	126	785	1,140	666	905	462	129	828	1,660	29	40
Min	5.4	10	9.7	23	32	60	33	16	16	22	8.6	5.9
Cfsm	0.38	0.36	2.07	2.45	1.48	2.14	1.58	0.50	0.94	3.69	0.19	0.13
In.	0.44	0.40	2.39	2.82	1.54	2.47	1.77	0.57	1.05	4.25	0.22	0.15

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2008 - 2013, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	36.6	55.7	172	135	164	248	131	108	104	69.1	9.30	10.1
Max	109	199	336	263	259	509	330	197	258	288	14.7	17.5
(WY)	(2012)	(2012)	(2012)	(2012)	(2011)	(2008)	(2011)	(2011)	(2008)	(2013)	(2013)	(2012)
Min	3.26	16.4	49.2	37.7	60.1	57.2	44.8	38.7	13.4	4.80	3.65	4.65
(WY)	(2009)	(2009)	(2011)	(2011)	(2010)	(2009)	(2012)	(2013)	(2012)	(2012)	(2012)	(2010)

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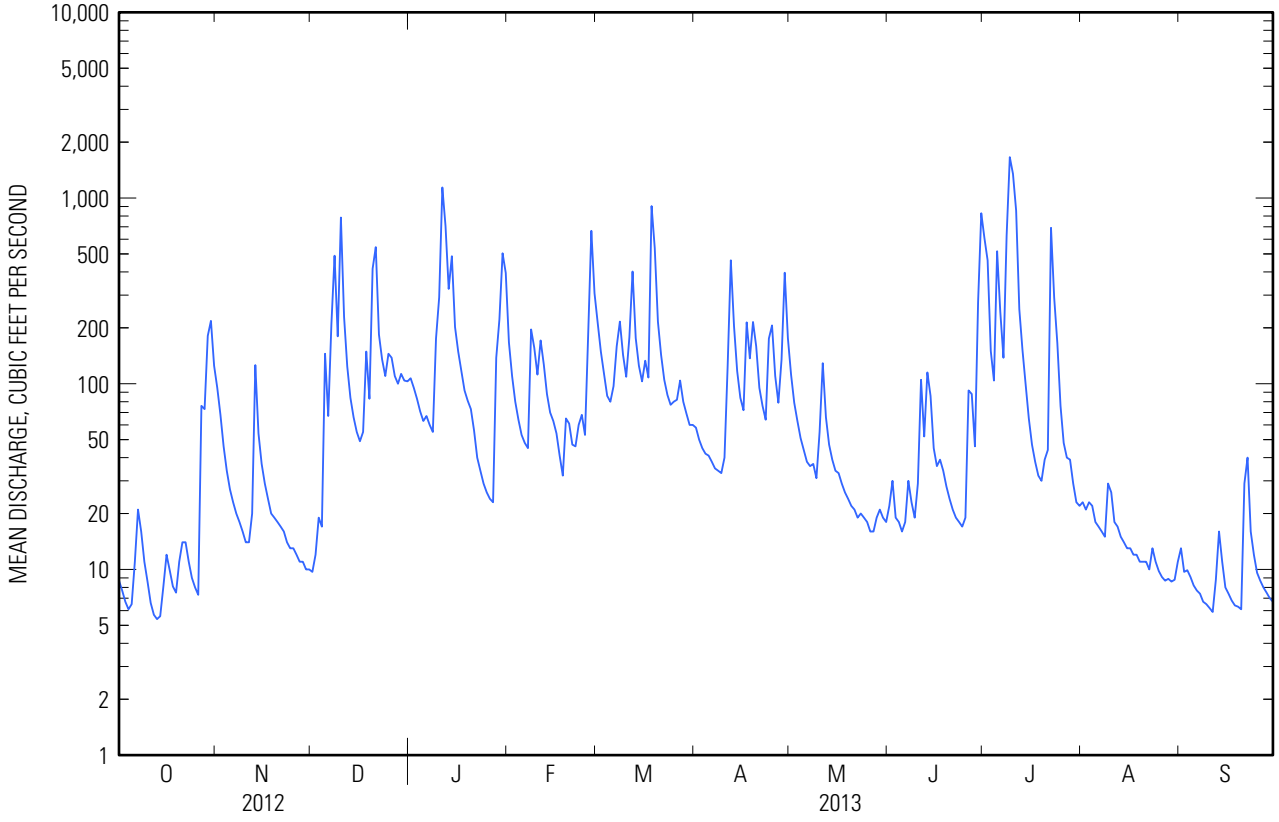
SUMMARY STATISTICS

	Calendar Year 2012		Water Year 2013		Water Years 2008 - 2013	
Annual total	30,823.4		37,994.7			
Annual mean	84.2		104		103	
Highest annual mean					132	2008
Lowest annual mean					76.1	2009
Highest daily mean	1,900	Jan 27	1,660	Jul 9	2,730	Mar 19, 2008
Lowest daily mean	1.1	Aug 31	5.4	Oct 13	0.06	Oct 5, 2007
Annual seven-day minimum	1.3	Aug 25	6.9	Sep 5	0.07	Oct 4, 2007
Maximum peak flow			2,810	Jul 9	3,500	Jan 27, 2012
Maximum peak stage			12.72	Jul 9	13.68	Mar 4, 2008
Instantaneous low flow			5.2	Oct 13	0.06	Oct 5, 2007
Annual runoff (cfsm)	1.08		1.33		1.32	
Annual runoff (inches)	14.66		18.07		17.96	
10 percent exceeds	176		215		230	
50 percent exceeds	24		44		34	
90 percent exceeds	3.2		8.8		4.3