05420460 Beaver Slough at 3rd Street at Clinton, IA

Upper Mississippi-Skunk-Wapsipinicon Basin
Copperas-Duck Subbasin

LOCATION.--Lat 41°49′38″, long 90°11′25″ referenced to North American Datum of 1927, in SW ¼ SE ¼ NW ¼ sec.18, T.81 N., R.7 E., Clinton County, IA, Hydrologic Unit 07080101, at river end of 3rd Street, at downstream end of ADM repair dock, 10.3 mi upstream from Wapsipinicon River, 4.8 mi upstream from Camanche gage, 5.9 mi downstream from Lock and Dam 13, and at mile 516.6 upstream from Ohio River.

DRAINAGE AREA.--85,600 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 1992 to current year.

GAGE.--Water-stage recorder. Datum of gage is 562.68 ft above NGVD of 1929.

REMARKS.--Records are considered good, except for those estimated daily discharges, which are poor. Minor flow regulation caused by navigation dams. U.S. Geological Survey data collection platform with satellite telemetry at station.

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
DAILY MEAN VALUES
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	9,320	20,300	6,480	e8,380	e7,970	e7,060	15,600	43,200	22,800	22,500	8,780	6,620
2	10,100	19,900	5,810	e8,330	e7,970	e7,080	16,500	41,000	21,800	21,100	8,160	6,360
3	11,000	18,700	4,850	e8,330	e7,970	e7,030	17,400	40,100	18,900	18,500	7,560	5,980
4	13,000	17,800	e4,440	e8,420	e8,020	e7,010	17,800	39,100	17,700	17,100	7,940	5,450
5	12,600	17,000	4,630	e8,570	e8,060	e6,980	18,500	38,200	18,200	15,500	9,360	5,420
6	10,600	16,200	5,350	e8,710	e8,090	e7,350	18,800	37,000	21,300	13,900	9,500	5,230
7	9,500	14,100	5,760	8,760	e8,110	e7,630	19,600	36,200	21,900	13,400	8,830	5,140
8	9,220	12,700	6,290	9,170	e8,140	e8,140	19,700	35,300	22,100	15,300	7,780	5,330
9	10,200	12,200	6,720	e9,360	e8,110	e8,790	20,300	34,300	28,300	16,400	7,180	5,880
10	14,600	11,500	7,300	e9,530	e8,020	e9,380	20,900	33,800	35,300	16,800	7,420	6,240
11	17,200	11,000	8,060	e9,480	e7,900	e10,000	22,700	33,600	41,000	17,000	7,850	6,070
12	17,400	10,700	8,540	e9,410	e7,730	e10,300	25,400	35,000	42,700	18,400	6,890	5,420
13	17,400	10,600	8,640	e9,310	e7,610	e10,100	26,900	35,800	43,200	17,800	5,570	6,380
14	17,400	10,300	8,400	e9,220	e7,510	e9,680	28,100	35,500	42,700	14,200	5,230	7,340
15	17,500	9,980	8,500	e9,070	e7,440	e9,720	28,300	34,800	43,200	12,900	6,260	7,730
16	17,400	9,600	8,740	e8,860	e7,420	e10,300	29,000	33,600	43,900	13,300	7,540	7,220
17	16,700	9,000	8,710	e8,590	e7,390	13,000	30,500	32,400	43,900	12,900	7,390	6,820
18	17,200	9,070	8,570	e8,110	e7,340	14,400	31,900	31,000	43,000	13,100	7,900	6,290
19	19,500	9,120	8,330	e8,020	e7,270	15,600	33,800	29,000	41,800	14,300	7,100	6,240
20	20,400	8,710	8,450	e7,870	e7,220	18,000	36,200	27,100	40,600	16,200	6,770	6,240
21	19,700	8,930	8,350	e7,870	e7,150	18,200	37,400	26,400	39,400	16,400	6,430	6,240
22	18,900	9,170	8,280	e7,850	e7,100	16,600	37,400	24,500	38,200	14,400	5,900	6,000
23	18,700	9,340	9,700	e7,850	e7,060	15,200	36,700	23,600	36,200	11,700	5,590	5,180
24	18,900	9,020	9,240	e7,780	e7,060	13,700	35,800	22,100	34,100	11,500	5,420	5,500
25	18,900	8,570	8,860	e7,730	e7,060	12,300	36,000	20,500	32,400	11,200	5,330	6,220
26	19,900	8,230	8,540	e7,800	e7,100	13,700	41,000	23,900	30,000	11,300	5,210	6,670
27	21,400	8,180	8,300	e7,900	e7,080	14,300	46,300	23,100	28,100	10,800	5,330	6,740
28	21,900	7,990	e8,350	e8,060	e7,010	14,500	47,500	20,900	26,400	8,900	5,500	e6,600
29	21,900	8,060	e8,400	e8,160	e7,060	14,500	46,600	19,900	25,200	8,520	5,760	6,460
30	21,900	7,990	e8,420	e9,600	---	14,100	45,600	19,800	23,900	9,170	6,070	6,460
31	21,300	---	e8,380	e9,260	---	14,900	---	22,600	---	9,190	6,340	---
Total	511,640	343,960	237,390	265,360	218,970	359,550	888,200	953,300	968,200	443,680	213,890	185,470
Mean	16,500	11,470	7,658	8,560	7,551	11,600	29,610	30,750	32,270	14,310	6,900	6,182
Max	21,900	20,300	9,700	9,600	8,140	18,200	47,500	43,200	43,900	22,500	9,500	7,730
Min	9,220	7,990	4,440	7,730	7,010	6,980	15,600	19,800	17,700	8,520	5,210	5,140
Ac-ft	1,015,000	682,200	470,900	526,300	434,300	713,200	1,762,000	1,891,000	1,920,000	880,000	424,300	367,900
Cfsm	0.19	0.13	0.09	0.10	0.09	0.14	0.35	0.36	0.38	0.17	0.08	0.07
In.	0.22	0.15	0.10	0.12	0.10	0.16	0.39	0.41	0.42	0.19	0.09	0.08

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 2008, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	10,850	10,930	8,725	8,382	9,201	13,730	26,480	24,120	20,530	16,490	11,400	9,760
Max	17,900	18,320	11,680	12,780	14,510	19,900	43,980	42,580	35,240	49,690	28,330	21,640
(WY)	(2003)	(1996)	(1997)	(1995)	(1994)	(1995)	(1997)	(2001)	(1993)	(1993)	(1993)	(1993)
Min	4,486	5,638	4,751	3,771	5,016	9,474	10,350	11,590	10,480	5,599	5,371	4,277
(WY)	(2004)	(2007)	(2004)	(2004)	(2004)	(2001)	(2000)	(2000)	(2007)	(2007)	(2003)	(2003)

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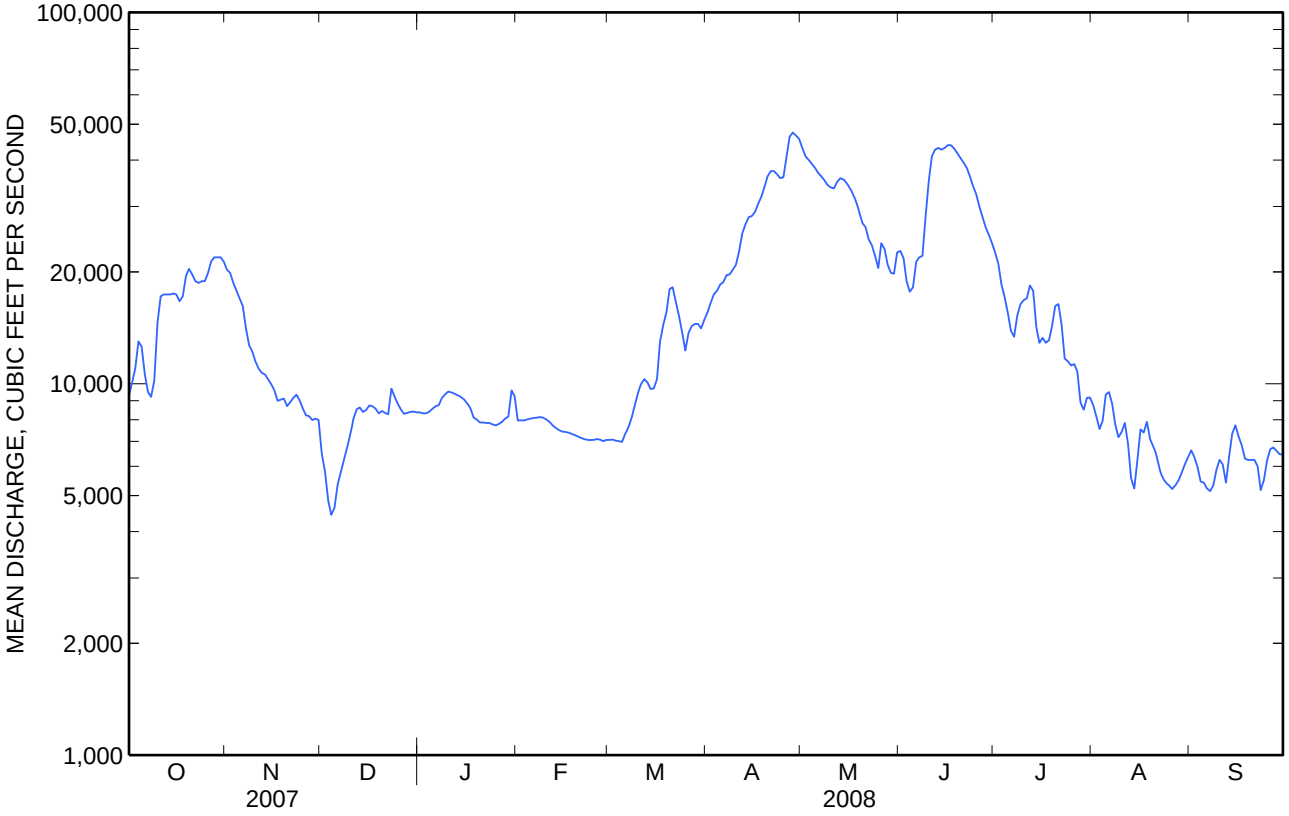
SUMMARY STATISTICS

	Calendar Year 2007		Water Year 2008		Water Years 1993 - 2008	
Annual total	4,191,310		5,589,610			
Annual mean	11,480		15,270		14,230	
Highest annual mean					23,060	1993
Lowest annual mean					10,020	2007
Highest daily mean	30,500	Apr 5	47,500	Apr 28	61,600	Apr 23, 2001
Lowest daily mean	3,650	Aug 12	4,440	Dec 4	2,820	Sep 8, 2003
Annual seven-day minimum	4,440	Jul 31	5,300	Dec 2	3,250	Sep 5, 2003
Maximum peak flow			48,000	Apr 28	62,100	Apr 23, 2001
Maximum peak stage			23.84	Jun 15	26.66	Apr 23, 2001
Annual runoff (ac-ft)	8,313,000		11,090,000		10,310,000	
Annual runoff (cfsm)	0.134		0.178		0.166	
Annual runoff (inches)	1.82		2.43		2.26	
10 percent exceeds	22,500		34,900		26,200	
50 percent exceeds	9,090		9,640		11,500	
90 percent exceeds	5,220		6,290		6,100