

Water-Data Report 2006

**05406657 OTTER CREEK AT CT HIGHWAY C NEAR CLYDE, WI**

Wisconsin Basin  
Lower Wisconsin Subbasin

LOCATION.--Lat 43°08'27", long 90°12'13" referenced to North American Datum of 1983, in SE ¼ N ¼ W ¼ sec.25, T.8 N., R.2 E., Iowa County, WI,  
Hydrologic Unit 07070005, on left bank 15 ft downstream from bridge on CTH C, 3 mi south of Lone Rock.

DRAINAGE AREA.--107 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--April 2006 to current year.

GAGE.--Water-stage recorder and crest-stage gage. Elevation of gage is 700 ft above the NGVD of 1929 from topographic map (Lone Rock quad).

REMARKS.--Records good. Gage-height telemeter at station.

## 05406657 OTTER CREEK AT CT HIGHWAY C NEAR CLYDE, WI—Continued

**DISCHARGE, CUBIC FEET PER SECOND**  
**WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**  
**DAILY MEAN VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	51	117	67	46	44	40
2	---	---	---	---	---	---	51	110	60	46	43	39
3	---	---	---	---	---	---	99	97	55	46	42	39
4	---	---	---	---	---	---	85	93	52	46	40	49
5	---	---	---	---	---	---	69	82	50	44	39	45
6	---	---	---	---	---	---	64	76	51	43	47	42
7	---	---	---	---	---	---	84	72	54	43	53	40
8	---	---	---	---	---	---	84	68	49	42	43	39
9	---	---	---	---	---	---	69	68	47	43	41	39
10	---	---	---	---	---	---	64	72	70	43	41	41
11	---	---	---	---	---	---	60	67	68	46	40	68
12	---	---	---	---	---	---	59	79	59	58	39	148
13	---	---	---	---	---	---	56	76	54	48	38	109
14	---	---	---	---	---	---	54	72	52	49	38	70
15	---	---	---	---	---	---	51	77	52	46	37	60
16	---	---	---	---	---	---	116	78	50	44	36	55
17	---	---	---	---	---	---	285	77	48	43	36	52
18	---	---	---	---	---	---	144	72	53	42	39	50
19	---	---	---	---	---	---	115	67	51	41	39	48
20	---	---	---	---	---	---	98	64	48	62	38	46
21	---	---	---	---	---	---	88	61	49	61	37	44
22	---	---	---	---	---	---	81	57	48	56	36	47
23	---	---	---	---	---	---	76	55	46	53	36	48
24	---	---	---	---	---	---	71	55	46	49	43	48
25	---	---	---	---	---	---	67	63	48	45	62	45
26	---	---	---	---	---	---	64	63	53	46	53	43
27	---	---	---	---	---	---	62	57	59	46	46	43
28	---	---	---	---	---	---	59	55	51	66	44	42
29	---	---	---	---	---	---	57	52	48	55	44	42
30	---	---	---	---	---	---	87	69	46	50	42	42
31	---	---	---	---	---	---	---	89	---	47	40	---
<b>Total</b>	---	---	---	---	---	---	2,470	2,260	1,584	1,495	1,296	1,563
<b>Mean</b>	---	---	---	---	---	---	82.3	72.9	52.8	48.2	41.8	52.1
<b>Max</b>	---	---	---	---	---	---	285	117	70	66	62	148
<b>Min</b>	---	---	---	---	---	---	51	52	46	41	36	39
<b>Cfsm</b>	---	---	---	---	---	---	0.77	0.68	0.49	0.45	0.39	0.49
<b>In.</b>	---	---	---	---	---	---	0.86	0.79	0.55	0.52	0.45	0.54

**STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2006 - 2006, BY WATER YEAR (WY)**

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Mean</b>	---	---	---	---	---	---	82.3	72.9	52.8	48.2	41.8	52.1
<b>Max</b>	---	---	---	---	---	---	82.3	72.9	52.8	48.2	41.8	52.1
<b>(WY)</b>	(---	(---	(---	(---	(---	(---	(2006)	(2006)	(2006)	(2006)	(2006)	(2006)
<b>Min</b>	---	---	---	---	---	---	82.3	72.9	52.8	48.2	41.8	52.1
<b>(WY)</b>	(---	(---	(---	(---	(---	(---	(2006)	(2006)	(2006)	(2006)	(2006)	(2006)

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**SUMMARY STATISTICS**

<b>Water Year 2006</b>	
<b>Annual total</b>	10,668
<b>Annual mean</b>	58.3
<b>Highest daily mean</b>	285 Apr 17
<b>Lowest daily mean</b>	36 Aug 16 <sup>a</sup>
<b>Annual seven-day minimum</b>	37 Aug 16
<b>Maximum peak flow</b>	417 Apr 17
<b>Maximum peak stage</b>	9.31 Apr 17
<b>Annual runoff (cfsm)</b>	0.545
<b>Annual runoff (inches)</b>	3.71
<b>10 percent exceeds</b>	83
<b>50 percent exceeds</b>	51
<b>90 percent exceeds</b>	40

<sup>a</sup> Also occurred Aug. 22 and 23.

