

## 05341752 WILLOW RIVER AT WILLOW RIVER STATE PARK NEAR BURKHART, WI

LOCATION.--Lat 45°00'42", long 92°42'30", in NW<sup>1</sup>/<sub>4</sub>SE<sup>1</sup>/<sub>4</sub> sec. 8, T.29 N., R.19 W., St. Croix County, Hydrologic Unit 07030005, on left bank, 0.4 mi downstream from outlet of Little Falls Lake and 2.1 mi southeast of Burkhart.

DRAINAGE AREA.--292 mi<sup>2</sup>.

PERIOD OF RECORD.--October 1998 to September 1999, June 2005 to current year.

GAGE.--Water-stage recorder. Datum of gage is 710 ft above sea level, from topographic map.

REMARKS.--Records good except those for estimated daily discharges, which are fair. Regulation from dam at outlet of Little Falls Lake, 0.4 mi upstream from gage.

DISCHARGE, CUBIC FEET PER SECOND  
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	174	e96	97
2	---	---	---	---	---	---	---	---	---	148	95	74
3	---	---	---	---	---	---	---	---	---	136	97	74
4	---	---	---	---	---	---	---	---	---	130	105	83
5	---	---	---	---	---	---	---	---	---	127	102	86
6	---	---	---	---	---	---	---	---	---	127	99	115
7	---	---	---	---	---	---	---	---	---	118	96	137
8	---	---	---	---	---	---	---	---	---	123	107	108
9	---	---	---	---	---	---	---	---	---	121	109	101
10	---	---	---	---	---	---	---	---	---	119	103	100
11	---	---	---	---	---	---	---	---	---	117	100	99
12	---	---	---	---	---	---	---	---	---	118	100	99
13	---	---	---	---	---	---	---	---	---	119	97	110
14	---	---	---	---	---	---	---	---	---	120	97	108
15	---	---	---	---	---	---	---	---	---	119	97	105
16	---	---	---	---	---	---	---	---	---	126	101	101
17	---	---	---	---	---	---	---	---	---	116	104	97
18	---	---	---	---	---	---	---	---	---	110	96	102
19	---	---	---	---	---	---	---	---	---	120	95	103
20	---	---	---	---	---	---	---	---	---	119	95	101
21	---	---	---	---	---	---	---	---	---	119	92	104
22	---	---	---	---	---	---	---	---	---	120	90	137
23	---	---	---	---	---	---	---	---	---	139	121	134
24	---	---	---	---	---	---	---	---	---	136	127	120
25	---	---	---	---	---	---	---	---	---	133	126	130
26	---	---	---	---	---	---	---	---	---	133	135	127
27	---	---	---	---	---	---	---	---	---	134	131	119
28	---	---	---	---	---	---	---	---	---	153	113	123
29	---	---	---	---	---	---	---	---	---	169	e109	106
30	---	---	---	---	---	---	---	---	---	180	e103	101
31	---	---	---	---	---	---	---	---	---	---	e98	97
TOTAL	---	---	---	---	---	---	---	---	---	3,809	3,153	3,218
MEAN	---	---	---	---	---	---	---	---	---	123	102	107
MAX	---	---	---	---	---	---	---	---	---	174	144	137
MIN	---	---	---	---	---	---	---	---	---	98	87	74
AC-FT	---	---	---	---	---	---	---	---	---	7,560	6,250	6,380
CFSM	---	---	---	---	---	---	---	---	---	0.42	0.35	0.37
IN.	---	---	---	---	---	---	---	---	---	0.49	0.40	0.41

## STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2005, BY WATER YEAR (WY)

	1999	1999	1999	1999	1999	1999	1999	1999	1999	2005	1999	1999
MEAN	124	134	117	110	118	166	165	173	156	120	124	108
MAX	124	134	117	110	118	166	165	173	156	123	146	108
(WY)	(1999)	(1999)	(1999)	(1999)	(1999)	(1999)	(1999)	(1999)	(1999)	(2005)	(1999)	(1999)
MIN	124	134	117	110	118	166	165	173	156	116	102	107
(WY)	(1999)	(1999)	(1999)	(1999)	(1999)	(1999)	(1999)	(1999)	(1999)	(1999)	(2005)	(2005)

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SUMMARY STATISTICS

FOR WATER YEAR 2005

WATER YEARS 1999 - 2005

ANNUAL MEAN			136	
HIGHEST ANNUAL MEAN			136	1999
LOWEST ANNUAL MEAN			136	1999
HIGHEST DAILY MEAN	180	Jun 30	325	Apr 8, 1999
LOWEST DAILY MEAN	74	Sep 2, 3	74	Sep 2,3, 2005
MAXIMUM PEAK FLOW	205	Sep 6	595	Apr 9, 1999
MAXIMUM PEAK STAGE	4.30	Sep 6	5.29	Apr 9, 1999
INSTANTANEOUS LOW FLOW	70	Sep 2	70	Sep 2, 2005

e Estimated.

