

STREAMS TRIBUTARY TO LAKE SUPERIOR--Continued

04021520 STONEY BROOK AT PINE DRIVE NEAR BROOKSTON, MN

LOCATION.--Lat 46°46'54", long 92°38'12", in SW¹/₄,SW¹/₄, sec. 28, T.50 N., R.18 W., St. Louis County, Hydrologic Unit 04010201, on right bank 200 ft downstream from bridge at County Road 851 (Pine Drive) and 6.8 mi southwest of Brookston.

PERIOD OF RECORD.--May 2005 to current year (no winter records).

GAGE.--Water-stage recorder. Elevation of gage is 1,280 ft above sea level (from topographic map).

REMARKS.--Records good. Flow regulated by a series of lakes used for wild rice production upstream of station.

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	---	---	---	---	---	---	---	---	122	118	7.7	1.2
2	---	---	---	---	---	---	---	---	104	98	6.9	1.0
3	---	---	---	---	---	---	---	---	91	86	6.4	1.1
4	---	---	---	---	---	---	---	---	85	77	6.6	1.4
5	---	---	---	---	---	---	---	---	101	70	6.5	1.0
6	---	---	---	---	---	---	---	---	118	66	6.1	2.1
7	---	---	---	---	---	---	---	---	111	56	5.4	2.1
8	---	---	---	---	---	---	---	---	122	49	4.9	1.7
9	---	---	---	---	---	---	---	---	134	45	4.8	1.2
10	---	---	---	---	---	---	---	---	122	41	5.0	1.3
11	---	---	---	---	---	---	---	---	123	36	5.1	1.8
12	---	---	---	---	---	---	---	---	136	32	5.1	2.3
13	---	---	---	---	---	---	---	---	123	26	5.4	6.5
14	---	---	---	---	---	---	---	---	137	26	5.2	7.2
15	---	---	---	---	---	---	---	---	168	26	5.4	6.4
16	---	---	---	---	---	---	---	---	150	25	5.1	7.5
17	---	---	---	---	---	---	---	---	125	21	4.8	6.8
18	---	---	---	---	---	---	---	---	112	18	4.4	7.6
19	---	---	---	---	---	---	---	---	98	12	4.4	9.1
20	---	---	---	---	---	---	---	---	94	9.5	3.7	11
21	---	---	---	---	---	---	---	---	117	6.3	2.7	11
22	---	---	---	---	---	---	---	---	110	5.6	2.1	11
23	---	---	---	---	---	---	---	---	96	5.3	2.2	11
24	---	---	---	---	---	---	---	---	81	5.4	2.2	8.0
25	---	---	---	---	---	---	---	---	68	6.2	2.4	9.8
26	---	---	---	---	---	---	---	199	58	7.8	3.1	13
27	---	---	---	---	---	---	---	e200	50	7.9	2.0	13
28	---	---	---	---	---	---	---	200	45	9.7	5.4	14
29	---	---	---	---	---	---	---	187	40	13	6.8	6.9
30	---	---	---	---	---	---	---	169	99	10	5.0	3.4
31	---	---	---	---	---	---	---	144	---	8.6	2.8	---
TOTAL	---	---	---	---	---	---	---	---	3,140	1,023.3	145.6	181.4
MEAN	---	---	---	---	---	---	---	---	105	33.0	4.70	6.05
MAX	---	---	---	---	---	---	---	---	168	118	7.7	14
MIN	---	---	---	---	---	---	---	---	40	5.3	2.0	1.0
AC-FT	---	---	---	---	---	---	---	---	6,230	2,030	289	360

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

MEAN	---	---	---	---	---	---	---	---	105	33.0	4.70	6.05
MAX	---	---	---	---	---	---	---	---	105	33.0	4.70	6.05
(WY)	---	---	---	---	---	---	---	---	(2005)	(2005)	(2005)	(2005)
MIN	---	---	---	---	---	---	---	---	105	33.0	4.70	6.05
(WY)	---	---	---	---	---	---	---	---	(2005)	(2005)	(2005)	(2005)

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SUMMARY STATISTICS

FOR 2005 WATER YEAR

HIGHEST DAILY MEAN	200	May 27, 28
LOWEST DAILY MEAN	1.0	Sep 2, 5
MAXIMUM PEAK FLOW	209	May 28
MAXIMUM PEAK STAGE	5.08	May 28
INSTANTANEOUS LOW FLOW	0.61	Sep 2

