

MINNESOTA RIVER BASIN

05330902 NINE MILE CREEK NEAR JAMES CIRCLE AT BLOOMINGTON, MN

LOCATION.-- Lat 44°48'26", long 93°18'05", in SE¹/₄SW¹/₄ sec. 21, T.27 N., R.21 W., Hennepin County, Hydrologic Unit 07010206, 1600 feet below bridge over 106th Street in Bloomington.

DRAINAGE AREA.-- 44.6 mi².

PERIOD OF RECORD.-- June 1996 to June 1998.

GAGE.-- Water-stage recorder. Datum of gage is 720 ft above mean sea level (from topographic map).

EXTREMES FOR CURRENT YEAR.-- Maximum discharge, 262 ft³/s, Jun 21, gage height, 10.75 ft; minimum discharge 1.5 ft³/s, July 23, 24, Sept. 4-7, 16-19; minimum gage height, 8.36 ft., Sept. 4-7, 16-19.

REMARKS.-- Records fair except those for estimated daily discharges, which are poor.

COOPERATION.-- Gage-height record used in determining daily-mean discharges was provided by the Metropolitan Council - Environmental Services.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAILY MEAN VALUES

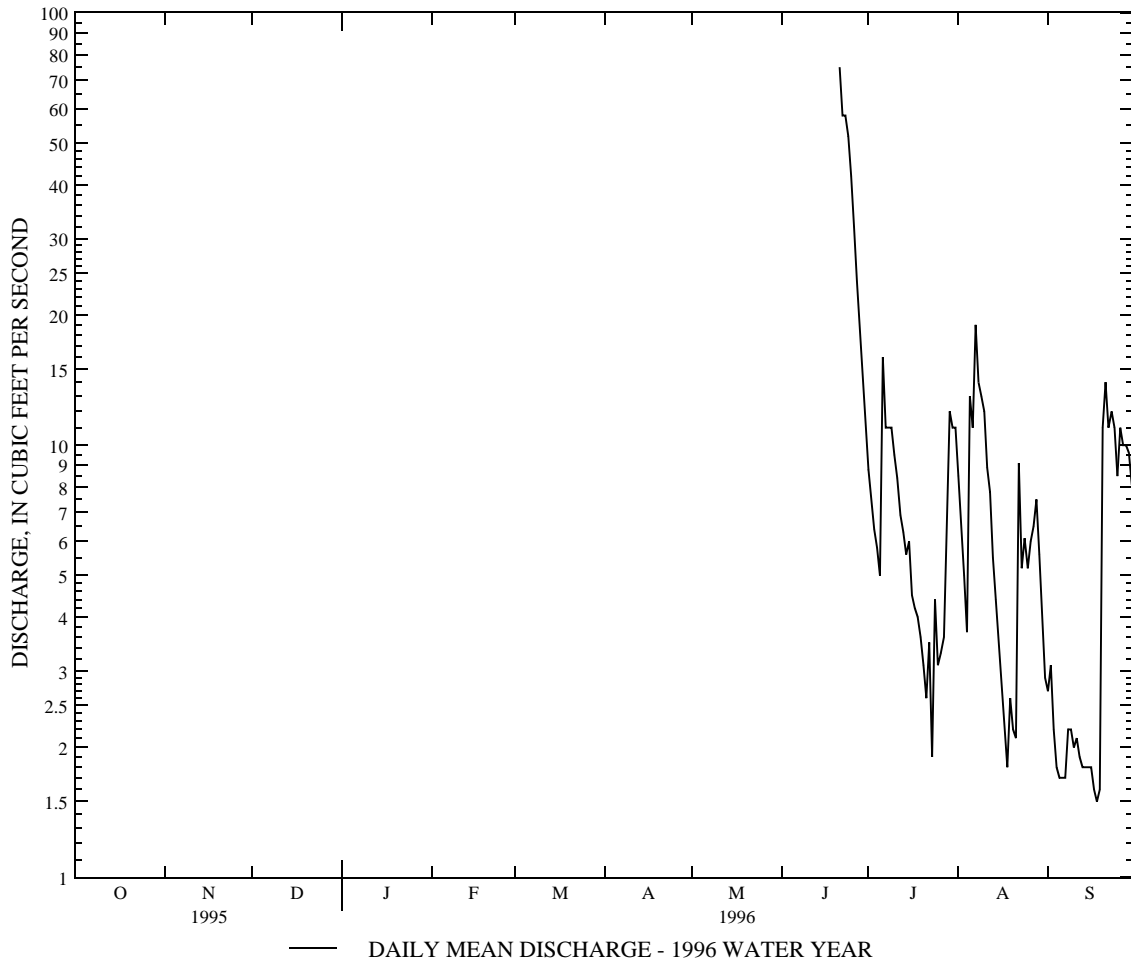
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	8.8	8.5	2.7
2	---	---	---	---	---	---	---	---	---	7.5	6.4	3.1
3	---	---	---	---	---	---	---	---	---	6.4	5.0	2.2
4	---	---	---	---	---	---	---	---	---	5.8	3.7	1.8
5	---	---	---	---	---	---	---	---	---	5.0	13	1.7
6	---	---	---	---	---	---	---	---	---	16	11	1.7
7	---	---	---	---	---	---	---	---	---	11	19	1.7
8	---	---	---	---	---	---	---	---	---	11	14	2.2
9	---	---	---	---	---	---	---	---	---	11	13	2.2
10	---	---	---	---	---	---	---	---	---	9.5	12	2.0
11	---	---	---	---	---	---	---	---	---	8.4	8.9	2.1
12	---	---	---	---	---	---	---	---	---	6.9	7.8	1.9
13	---	---	---	---	---	---	---	---	---	6.3	5.5	1.8
14	---	---	---	---	---	---	---	---	---	5.6	4.4	1.8
15	---	---	---	---	---	---	---	---	---	6.0	3.4	1.8
16	---	---	---	---	---	---	---	---	---	4.5	2.7	1.8
17	---	---	---	---	---	---	---	---	---	4.2	2.2	1.6
18	---	---	---	---	---	---	---	---	---	4.0	1.8	1.5
19	---	---	---	---	---	---	---	---	---	3.6	2.6	1.6
20	---	---	---	---	---	---	---	---	---	3.1	2.2	11
21	---	---	---	---	---	---	---	---	75	2.6	2.1	14
22	---	---	---	---	---	---	---	---	58	3.5	9.1	11
23	---	---	---	---	---	---	---	---	58	1.9	5.2	12
24	---	---	---	---	---	---	---	---	52	4.4	6.1	11
25	---	---	---	---	---	---	---	---	42	3.1	5.2	8.5
26	---	---	---	---	---	---	---	---	32	3.3	6.0	11
27	---	---	---	---	---	---	---	---	24	3.6	6.5	10
28	---	---	---	---	---	---	---	---	18	5.5	7.5	10
29	---	---	---	---	---	---	---	---	14	12	5.6	9.6
30	---	---	---	---	---	---	---	---	11	11	3.9	8.1
31	---	---	---	---	---	---	---	---	---	11	2.9	---
TOTAL	---	---	---	---	---	---	---	---	---	206.5	207.2	153.4
MEAN	---	---	---	---	---	---	---	---	---	6.66	6.68	5.11
MAX	---	---	---	---	---	---	---	---	---	16	19	14
MIN	---	---	---	---	---	---	---	---	---	1.9	1.8	1.5
AC-FT	---	---	---	---	---	---	---	---	---	410	411	304
CFSM	---	---	---	---	---	---	---	---	---	.15	.15	.11
IN.	---	---	---	---	---	---	---	---	---	.17	.17	.13

e Estimated

MINNESOTA RIVER BASIN--Continued

05330902 NINE MILE CREEK NEAR JAMES CIRCLE AT BLOOMINGTON, MN--Continued

OCT NOV DEC JAN FEB MAR APR MAY JUN JUL AUG SEP



MINNESOTA RIVER BASIN--Continued

05330902 NINE MILE CREEK NEAR JAMES CIRCLE AT BLOOMINGTON, MN--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.8	27	e19	6.6	e20	26	40	8.9	10	e120	85	96
2	5.5	21	e17	7.0	e22	26	37	10	9.6	101	73	88
3	4.3	17	e16	7.5	e22	24	34	11	9.4	107	67	76
4	3.6	18	e15	22	e22	25	32	11	12	134	55	54
5	3.0	15	14	e12	e22	26	40	11	8.8	121	59	45
6	3.0	16	13	e11	e22	e23	40	9.2	5.5	93	56	37
7	2.8	14	e12	e10	e21	e21	42	13	7.6	75	50	34
8	2.7	13	e11	e13	e21	e21	39	16	7.9	51	47	46
9	3.3	12	10	e14	e21	26	36	19	6.9	32	42	56
10	2.5	10	9.7	e11	21	27	30	19	5.3	21	35	49
11	2.3	8.2	9.7	e9.6	21	30	25	16	4.9	14	29	44
12	2.5	7.7	10	e8.2	e21	32	22	13	3.8	15	24	33
13	2.7	6.8	9.0	e7.8	e20	31	20	10	3.2	19	20	24
14	3.1	6.6	e8.5	e10	20	e24	18	11	2.1	20	33	18
15	6.5	20	e7.9	e9.1	e19	e21	17	9.0	4.7	42	20	e14
16	12	75	e7.4	e6.6	e19	e21	15	8.1	2.5	84	19	e150
17	30	79	e7.0	e6.2	e21	22	13	7.2	3.7	116	19	e170
18	21	96	e6.9	e6.0	e22	22	14	8.9	3.1	135	16	e150
19	21	101	e6.8	e9.1	20	25	14	7.7	3.6	187	111	117
20	18	82	e6.6	e11	e22	25	14	8.0	3.2	177	127	102
21	15	61	e6.9	e12	22	28	13	7.6	3.3	195	154	89
22	14	45	7.3	e11	e20	36	11	7.2	3.9	305	157	69
23	27	31	7.6	e10	e17	39	9.9	7.2	3.6	288	143	46
24	23	23	e6.8	e10	e15	37	9.2	15	27	318	113	35
25	24	e21	e6.2	e8.1	e13	37	8.9	11	23	347	92	28
26	20	e18	e5.8	e6.9	21	35	8.6	10	20	310	81	23
27	17	e17	e5.9	e6.7	21	40	8.6	9.1	16	261	53	21
28	13	15	e6.0	e6.6	21	47	8.2	8.1	44	210	32	e18
29	24	18	e6.1	e6.4	---	50	7.8	10	59	168	21	e18
30	27	20	e6.2	e8.1	---	48	9.1	9.9	58	126	106	e17
31	29	---	6.4	e14	---	43	---	9.7	---	100	90	---
TOTAL	389.6	914.3	287.7	297.5	569	938	636.3	331.8	375.6	4292	2029	1767
MEAN	12.6	30.5	9.28	9.60	20.3	30.3	21.2	10.7	12.5	138	65.5	58.9
MAX	30	101	19	22	22	50	42	19	59	347	157	170
MIN	2.3	6.6	5.8	6.0	13	21	7.8	7.2	2.1	14	16	14
AC-FT	773	1810	571	590	1130	1860	1260	658	745	8510	4020	3500
CFSM	.28	.68	.21	.22	.46	.68	.48	.24	.28	3.10	1.47	1.32
IN.	.32	.76	.24	.25	.47	.78	.53	.28	.31	3.58	1.69	1.47

e Estimated

MINNESOTA RIVER BASIN--Continued

05330902 NINE MILE CREEK NEAR JAMES CIRCLE AT BLOOMINGTON, MN--Continued

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1996 - 1997, BY WATER YEAR (WY)

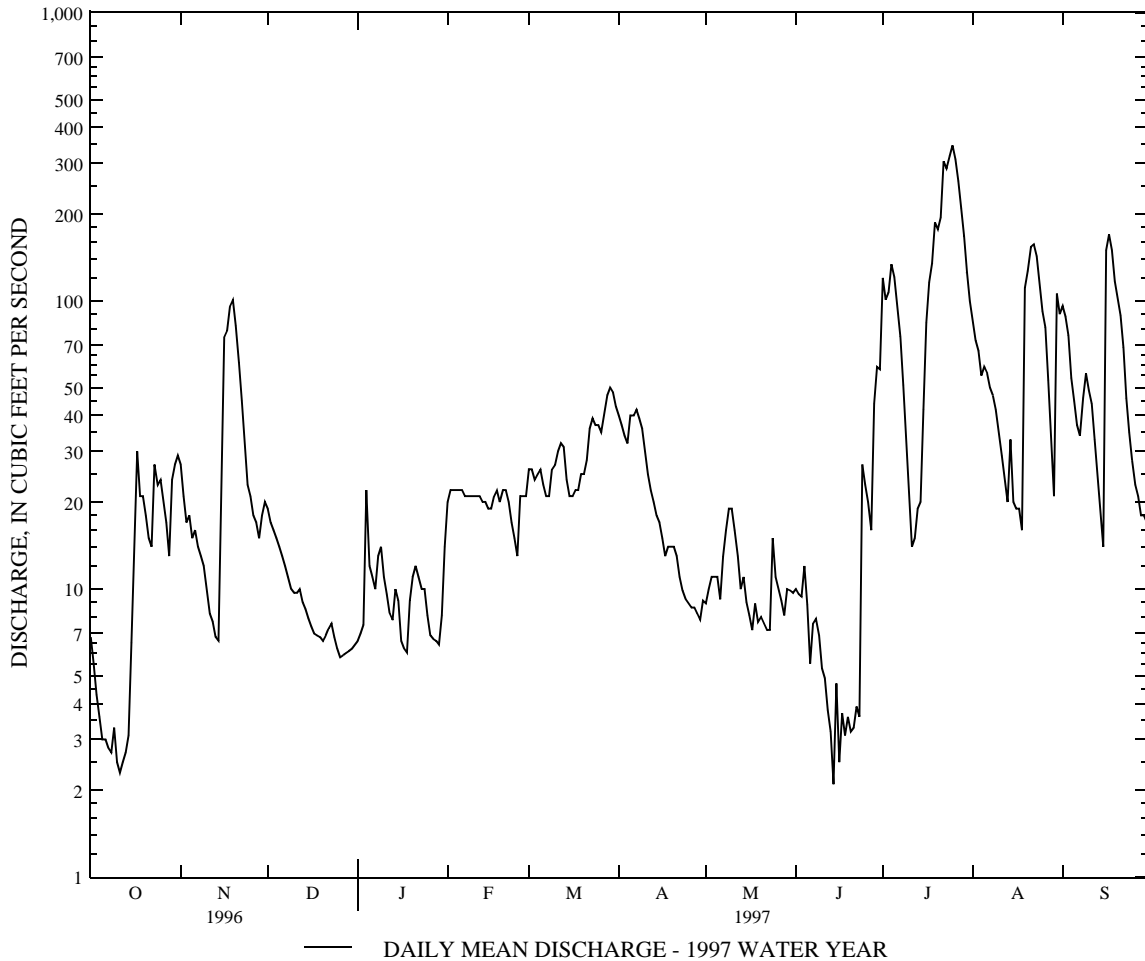
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	12.6	30.5	9.28	9.60	20.3	30.3	21.2	10.7	12.5	72.6	36.1	32.0
MAX	12.6	30.5	9.28	9.60	20.3	30.3	21.2	10.7	12.5	138	65.5	58.9
(WY)	1997	1997	1997	1997	1997	1997	1997	1997	1997	1997	1997	1997
MIN	12.6	30.5	9.28	9.60	20.3	30.3	21.2	10.7	12.5	6.66	6.68	5.11
(WY)	1997	1997	1997	1997	1997	1997	1997	1997	1997	1996	1996	1996

SUMMARY STATISTICS

FOR 1997 WATER YEAR

WATER YEARS 1996 - 1997

ANNUAL TOTAL	12827.8		
ANNUAL MEAN	35.1	35.1	
HIGHEST ANNUAL MEAN		35.1	1997
LOWEST ANNUAL MEAN		35.1	1997
HIGHEST DAILY MEAN	347	Jul 25	1997
LOWEST DAILY MEAN	2.1	Jun 14	1996
ANNUAL SEVEN-DAY MINIMUM	2.7	Oct 7	1996
INSTANTANEOUS PEAK FLOW	892	Jul 1	1997
INSTANTANEOUS PEAK STAGE	13.20	Jul 1	1997
INSTANTANEOUS LOW FLOW	1.7	Jun 14	1997
ANNUAL RUNOFF (AC-FT)	25440	25460	
ANNUAL RUNOFF (CFSM)	.79	.79	
ANNUAL RUNOFF (INCHES)	10.70	10.71	
10 PERCENT EXCEEDS	92	75	
50 PERCENT EXCEEDS	19	14	
90 PERCENT EXCEEDS	6.3	3.3	



MINNESOTA RIVER BASIN--Continued

05330902 NINE MILE CREEK NEAR JAMES CIRCLE AT BLOOMINGTON, MN--Continued

(National Water-Quality Assessment Program)

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e12	11	9.7	6.9	8.6	35	148	9.2	e23	---	---	---
2	e9.8	12	9.4	6.6	6.7	34	158	14	25	---	---	---
3	e9.2	11	9.1	e5.6	6.5	30	146	13	22	---	---	---
4	e7.9	11	8.5	e5.1	e6.5	26	116	13	16	---	---	---
5	e6.7	10	8.1	5.4	e6.1	22	86	12	12	---	---	---
6	e6.7	9.8	8.3	6.0	e5.6	19	71	9.6	---	---	---	---
7	14	9.1	7.9	5.6	e5.6	17	76	17	---	---	---	---
8	6.6	9.2	7.9	5.8	e5.6	16	82	38	---	---	---	---
9	6.7	8.9	7.9	e5.9	6.0	15	79	40	---	---	---	---
10	6.1	8.4	8.7	e5.6	5.6	e15	69	41	---	---	---	---
11	6.5	7.9	8.5	e5.1	5.7	e14	56	37	---	---	---	---
12	35	7.6	8.4	e5.1	5.3	e11	43	27	---	---	---	---
13	32	7.9	7.9	e5.1	5.6	e9.9	35	19	---	---	---	---
14	37	8.8	7.7	e4.8	5.3	e9.9	29	14	---	---	---	---
15	41	8.4	7.5	e4.8	7.7	8.7	26	28	---	---	---	---
16	36	7.8	7.3	4.8	11	e8.5	23	30	---	---	---	---
17	29	8.4	7.2	4.7	15	8.4	21	44	---	---	---	---
18	24	8.3	7.3	4.7	21	9.1	19	56	---	---	---	---
19	20	8.4	7.3	4.7	24	10	28	45	---	---	---	---
20	17	8.5	7.0	e4.4	22	9.5	22	37	---	---	---	---
21	15	8.5	6.8	4.3	19	9.3	20	28	---	---	---	---
22	13	8.3	7.1	4.6	17	9.1	17	21	---	---	---	---
23	12	8.3	6.9	4.6	20	8.1	15	16	---	---	---	---
24	11	e8.0	6.9	4.7	20	7.5	14	20	---	---	---	---
25	9.6	e8.3	6.7	4.3	19	7.8	13	e17	---	---	---	---
26	9.0	8.6	7.1	4.2	20	9.0	14	e17	---	---	---	---
27	8.6	9.4	7.1	5.0	30	37	13	e16	---	---	---	---
28	8.5	10	6.6	5.4	30	57	12	e16	---	---	---	---
29	7.9	9.9	6.5	5.2	---	89	10	e16	---	---	---	---
30	7.9	9.9	6.5	6.0	---	96	9.8	e41	---	---	---	---
31	11	---	e6.1	8.4	---	143	---	e22	---	---	---	---
TOTAL	476.7	271.6	235.9	163.4	360.4	800.8	1470.8	773.8	---	---	---	---
MEAN	15.4	9.05	7.61	5.27	12.9	25.8	49.0	25.0	---	---	---	---
MAX	41	12	9.7	8.4	30	143	158	56	---	---	---	---
MIN	6.1	7.6	6.1	4.2	5.3	7.5	9.8	9.2	---	---	---	---
AC-FT	946	539	468	324	715	1590	2920	1530	---	---	---	---
CFSM	.34	.20	.17	.12	.29	.58	1.10	.56	---	---	---	---
IN.	.40	.23	.20	.14	.30	.67	1.23	.65	---	---	---	---

e Estimated

MINNESOTA RIVER BASIN--Continued

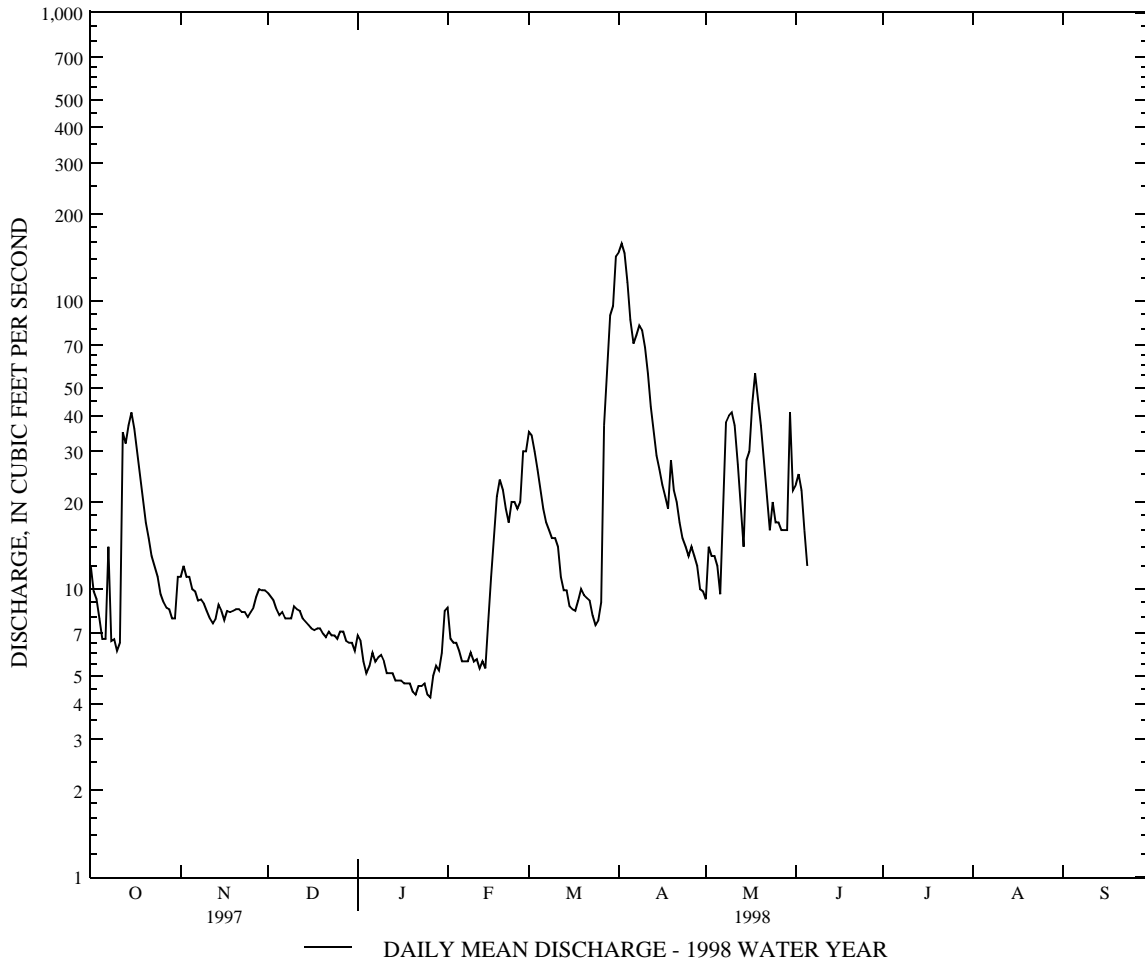
05330902 NINE MILE CREEK NEAR JAMES CIRCLE AT BLOOMINGTON, MN--Continued

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1997 - 1997, BY WATER YEAR (WY)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	12.6	30.5	9.28	9.60	20.3	30.3	21.2	10.7	12.5	138	65.5	58.9
MAX	12.6	30.5	9.28	9.60	20.3	30.3	21.2	10.7	12.5	138	65.5	58.9
(WY)	1997	1997	1997	1997	1997	1997	1997	1997	1997	1997	1997	1997
MIN	12.6	30.5	9.28	9.60	20.3	30.3	21.2	10.7	12.5	138	65.5	58.9
(WY)	1997	1997	1997	1997	1997	1997	1997	1997	1997	1997	1997	1997

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR	FOR 1998 WATER YEAR	FOR WATER YEARS 1996 - 1998
ANNUAL TOTAL		12220.4	
ANNUAL MEAN		33.5	
HIGHEST ANNUAL MEAN			
LOWEST ANNUAL MEAN			
HIGHEST DAILY MEAN	347	Jul 25	158 Apr 2 347 Jul 25 1997
LOWEST DAILY MEAN	2.1	Jun 14	4.2 _a Jan 26 1.5 Sep 18 1996
ANNUAL SEVEN-DAY MINIMUM	3.3	Jun 13	1.7 Sep 13 1996
INSTANTANEOUS PEAK FLOW			258 Mar 29 892 Jul 1 1997
INSTANTANEOUS PEAK STAGE			10.85 Mar 29 13.20 Jul 1 1997
INSTANTANEOUS LOW FLOW			3.1 _a Jan 25 1.7 _a Jun 14 1997
ANNUAL RUNOFF (AC-FT)		25440	
ANNUAL RUNOFF (CFSM)		.79	
ANNUAL RUNOFF (INCHES)		10.70	
10 PERCENT EXCEEDS		92	
50 PERCENT EXCEEDS		19	
90 PERCENT EXCEEDS		6.3	

a Minimum observed.



MINNESOTA RIVER BASIN--Continued

05330902 NINE MILE CREEK NEAR JAMES CIRCLE AT BLOOMINGTON, MN--Continued

(National Water-Quality Assessment Program)

PERIOD OF RECORD.--April 1996 to June 1998.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURES: April 1996 to June 1998 (discontinued).

SPECIFIC CONDUCTANCE: June 1996 to June 1998 (discontinued).

INSTRUMENTATION.--Water-quality monitor provided continuous recordings. Sensor located at gage.

REMARKS.--Records represent water temperature at sensor within 0.5 °C. Temperature and conductance at the sensor were compared with the average for the stream by cross section at least monthly. Variation of temperature was within 0.34°C (corrections applied); variation of conductance was within -31% (corrections applied).

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURES: Maximum, 28.0°C, June 28, 29, 1996; minimum, 0.0°C, many days each winter.

SPECIFIC CONDUCTANCE: Maximum, 8330 µs/cm, Jan. 31, 1997; minimum, 75 µs/cm, Aug. 30, 1997.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	---	---	---	4.5	1.1	2.9	15.6	9.1	11.9
2	---	---	---	---	---	---	6.4	1.9	4.2	12.7	9.2	11.0
3	---	---	---	---	---	---	5.3	3.1	3.8	12.6	9.2	11.1
4	---	---	---	---	---	---	4.7	2.1	3.5	15.4	10.8	13.0
5	---	---	---	---	---	---	6.6	2.1	4.4	13.6	9.6	10.9
6	---	---	---	---	---	---	6.5	3.2	4.9	10.5	8.6	9.7
7	---	---	---	---	---	---	6.0	3.1	4.5	14.1	9.3	11.5
8	---	---	---	---	---	---	8.8	2.8	5.5	13.4	12.0	12.5
9	---	---	---	---	---	---	10.1	4.4	7.1	12.4	11.4	12.0
10	---	---	---	---	---	---	11.6	6.1	8.7	13.7	10.9	12.1
11	---	---	---	---	---	---	12.4	9.0	10.5	13.2	10.2	11.9
12	---	---	---	---	---	---	9.9	4.2	6.8	14.0	8.9	11.5
13	---	---	---	---	---	---	5.8	2.9	4.3	15.3	9.6	12.5
14	---	---	---	---	---	---	5.2	3.8	4.6	13.4	10.1	11.6
15	---	---	---	---	---	---	9.2	3.5	6.0	14.0	10.1	11.9
16	---	---	---	---	---	---	10.6	5.0	7.8	18.0	13.6	15.5
17	---	---	---	---	---	---	12.5	6.7	9.5	18.2	15.0	17.1
18	---	---	---	---	---	---	11.2	9.5	10.3	22.0	16.4	19.1
19	---	---	---	---	---	---	13.3	7.5	10.3	20.2	17.8	19.0
20	---	---	---	---	---	---	11.8	8.8	10.1	20.7	17.5	19.0
21	---	---	---	---	---	---	9.9	6.7	8.4	---	---	---
22	---	---	---	---	---	---	9.3	7.1	8.2	---	---	---
23	---	---	---	---	---	---	13.4	5.9	9.4	19.4	16.6	17.5
24	---	---	---	---	---	---	14.3	9.6	12.0	17.1	14.1	15.7
25	---	---	---	---	---	---	15.2	12.1	13.5	15.8	13.1	14.1
26	---	---	---	---	---	---	13.0	7.9	10.7	13.9	12.5	13.2
27	---	---	---	---	---	---	12.3	8.9	10.5	13.2	11.8	12.4
28	---	---	---	---	---	---	13.8	8.5	11.2	17.3	10.9	13.7
29	---	---	---	---	---	---	12.2	9.9	11.2	18.9	13.5	15.8
30	---	---	---	---	---	---	13.9	7.7	10.7	20.2	13.9	16.7
31	---	---	---	---	---	---	---	---	---	17.1	15.2	16.3
MONTH	---	---	---	---	---	---	15.2	1.1	7.8	---	---	---

MINNESOTA RIVER BASIN--Continued

05330902 NINE MILE CREEK NEAR JAMES CIRCLE AT BLOOMINGTON, MN--Continued

(National Water-Quality Assessment Program)

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	16.4	15.5	16.0	24.0	20.5	22.0	22.9	17.9	20.1	21.1	15.9	18.5
2	17.4	14.1	15.7	25.4	20.2	21.9	23.4	19.0	20.9	21.1	17.4	19.2
3	15.6	13.5	14.7	24.5	19.3	21.5	23.4	18.3	20.3	21.5	17.6	19.4
4	15.9	12.6	14.1	25.2	19.2	21.8	22.1	18.6	20.1	21.5	17.4	19.6
5	15.6	13.7	14.4	26.7	19.5	22.4	24.6	18.9	21.8	21.9	17.5	19.6
6	17.0	14.0	15.6	23.9	20.2	22.0	27.8	20.5	23.7	21.5	16.9	19.2
7	17.5	15.0	16.3	25.2	19.6	21.9	26.3	22.5	23.9	20.4	16.6	18.6
8	18.4	14.6	16.5	21.4	19.0	20.4	25.1	20.8	22.5	18.6	15.6	17.2
9	21.1	15.8	18.1	21.8	18.1	19.3	24.1	19.3	21.3	18.9	13.6	16.2
10	22.0	17.3	19.6	23.4	16.7	19.4	21.8	19.0	20.2	20.4	15.5	17.7
11	---	---	---	19.9	18.5	19.0	24.8	19.1	21.2	18.3	14.7	16.3
12	---	---	---	22.1	17.7	19.5	25.0	19.3	21.5	15.9	13.4	14.3
13	---	---	---	22.8	17.4	19.6	25.2	19.4	21.8	15.9	10.9	13.2
14	---	---	---	22.3	17.4	19.4	21.1	18.3	19.7	15.4	9.7	12.7
15	---	---	---	24.0	17.3	20.1	22.5	16.7	19.2	16.8	13.4	14.8
16	---	---	---	25.5	17.0	20.7	22.0	15.4	18.5	17.3	13.5	14.9
17	---	---	---	23.9	19.2	21.2	22.1	15.2	18.5	15.3	12.5	13.8
18	---	---	---	27.1	20.1	22.9	19.4	15.7	17.8	16.6	11.2	13.8
19	---	---	---	22.6	19.6	20.9	19.8	16.8	17.8	16.1	11.8	14.0
20	---	---	---	23.4	16.9	19.9	21.8	15.4	18.3	16.5	14.3	15.2
21	---	---	---	22.5	17.9	20.0	22.9	16.1	19.4	16.7	13.3	14.5
22	---	---	---	23.8	18.3	20.3	23.5	18.6	21.3	17.2	13.2	14.9
23	---	---	---	21.6	15.5	18.5	22.8	15.7	18.9	17.2	14.3	15.5
24	---	---	---	20.6	16.3	18.4	23.3	16.8	19.5	16.5	12.4	14.1
25	---	---	---	21.3	16.0	18.6	23.8	17.5	20.4	15.5	12.9	14.0
26	---	---	---	22.1	15.1	18.3	22.6	18.2	20.8	13.8	12.9	13.5
27	---	---	---	21.8	16.6	18.9	21.9	15.1	18.2	12.9	12.1	12.4
28	28.1	23.5	25.5	21.9	18.1	19.5	22.5	16.3	18.9	14.9	11.2	12.8
29	27.9	24.4	25.8	20.0	18.1	19.0	22.6	16.4	19.1	14.7	11.2	12.8
30	27.1	22.1	24.0	22.0	16.6	19.0	22.2	16.5	19.1	15.2	11.9	13.2
31	---	---	---	22.5	17.7	19.8	21.1	16.1	18.5	---	---	---
MONTH	---	---	---	27.1	15.1	20.2	27.8	15.1	20.1	21.9	9.7	15.5

MINNESOTA RIVER BASIN--Continued

05330902 NINE MILE CREEK NEAR JAMES CIRCLE AT BLOOMINGTON, MN--Continued

(National Water-Quality Assessment Program)

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	18.0	13.0	15.5	2.5	.5	1.5	1.0	.0	.5	1.5	.5	1.0
2	16.0	10.5	13.5	2.0	.5	1.5	.5	.0	.0	2.0	1.0	1.5
3	12.0	8.0	10.0	5.0	1.0	3.0	1.0	.0	.0	2.5	.5	1.5
4	12.0	8.5	10.5	7.0	3.5	5.0	1.0	.0	.5	2.0	.0	1.0
5	15.5	11.0	13.0	6.0	5.0	5.5	1.5	.5	1.0	.0	.0	.0
6	15.5	12.5	14.0	6.5	5.0	6.0	1.5	.0	.5	.0	.0	.0
7	13.0	10.5	12.0	6.0	3.5	4.5	1.0	.0	.5	.0	.0	.0
8	12.5	8.0	10.5	5.0	3.0	4.0	1.5	.5	1.0	.0	.0	.0
9	12.5	10.0	11.0	3.0	1.5	2.5	2.0	.5	1.0	.5	.0	.0
10	11.0	7.5	9.5	2.0	1.0	1.5	1.5	.5	1.0	.0	.0	.0
11	12.0	7.0	9.5	2.0	.0	1.0	2.5	1.0	1.5	.0	.0	.0
12	14.0	9.5	12.0	1.5	.0	.5	2.5	1.0	2.0	.0	.0	.0
13	14.0	10.5	12.5	2.5	.0	1.0	1.5	.0	1.0	.0	.0	.0
14	13.5	10.5	12.0	2.0	.0	1.0	1.0	.0	.5	.0	.0	.0
15	15.5	12.0	13.5	2.0	.0	1.0	.5	.0	.0	.0	.0	.0
16	16.5	9.5	12.5	3.0	.5	2.0	.5	.0	.0	.0	.0	.0
17	15.5	10.5	13.5	2.5	.0	1.0	.0	.0	.0	.0	.0	.0
18	10.5	8.0	9.0	1.0	.0	.5	.0	.0	.0	.0	.0	.0
19	10.5	7.0	9.0	.5	.0	.0	.0	.0	.0	.0	.0	.0
20	10.5	9.0	9.5	.5	.0	.0	.0	.0	.0	.5	.0	.5
21	11.5	9.0	10.0	1.0	.0	.5	.5	.0	.0	1.0	.5	.5
22	9.0	8.0	8.5	.5	.0	.0	.5	.0	.0	1.0	.0	.5
23	8.5	7.0	7.5	1.0	.0	.0	.5	.0	.0	.5	.0	.0
24	7.5	7.0	7.0	.5	.0	.0	.0	.0	.0	1.0	.0	.5
25	9.5	7.0	8.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	11.5	9.5	10.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	11.0	8.5	10.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	9.5	6.0	7.5	1.0	.0	.5	.0	.0	.0	.0	.0	.0
29	9.5	7.0	8.5	1.5	.5	1.0	.5	.0	.0	.0	.0	.0
30	9.5	3.5	6.0	1.5	.5	1.0	.5	.0	.5	.5	.0	.0
31	3.5	1.0	2.0	---	---	---	1.0	.5	.5	1.0	.5	.5
MONTH	18.0	1.0	10.3	7.0	.0	1.5	2.5	.0	.4	2.5	.0	.2

MINNESOTA RIVER BASIN--Continued

05330902 NINE MILE CREEK NEAR JAMES CIRCLE AT BLOOMINGTON, MN--Continued

(National Water-Quality Assessment Program)

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	2.0	.0	1.0	2.0	.0	1.0	9.5	3.5	6.5	14.5	8.0	11.0
2	2.0	.0	1.0	3.0	.0	.5	8.5	5.0	7.0	12.5	11.5	12.0
3	1.5	.0	.5	1.5	.0	.5	10.0	4.0	7.5	14.5	10.0	12.0
4	1.5	.5	1.0	2.0	.0	.5	9.5	7.5	9.0	15.5	10.0	12.5
5	1.5	.5	1.0	2.0	.0	.5	11.0	8.5	9.0	16.0	13.0	14.0
6	2.0	.5	1.0	1.0	.0	.0	9.0	1.0	5.0	16.0	10.5	13.0
7	2.5	1.0	1.5	1.5	.0	.5	3.0	.0	1.0	13.5	12.0	12.5
8	1.5	.0	.5	2.5	.0	1.0	3.0	.0	1.0	12.5	10.5	11.5
9	1.0	.0	.5	4.0	.5	1.5	5.5	.0	2.5	15.5	9.0	12.0
10	1.5	.5	1.0	3.5	.5	1.5	3.5	1.5	2.5	17.0	11.0	14.0
11	1.0	.0	.5	3.5	.0	1.0	5.5	1.0	3.5	16.0	11.0	14.0
12	.5	.0	.0	1.0	.5	.5	7.5	2.5	5.0	12.0	8.5	10.5
13	.5	.0	.0	.5	.0	.0	9.5	3.0	6.5	11.5	8.0	9.5
14	1.5	.0	.5	2.0	.0	.5	11.5	5.0	8.0	13.0	9.0	10.5
15	.5	.0	.0	.0	.0	.0	10.0	7.5	9.0	13.0	7.5	10.0
16	1.0	.0	.5	1.5	.0	.5	8.0	5.0	6.5	17.5	9.0	12.5
17	2.5	.0	1.0	3.0	.5	1.0	12.0	4.0	7.5	20.5	11.0	15.5
18	3.0	1.0	1.5	3.5	.0	1.0	9.5	8.0	9.0	19.5	14.5	17.0
19	3.0	.0	1.0	4.0	.0	1.5	14.0	7.0	10.5	16.5	11.5	14.5
20	4.0	.0	1.5	4.0	.0	1.5	15.0	9.5	12.0	17.5	9.5	13.0
21	1.5	.5	1.0	2.5	.5	1.0	16.5	11.5	13.5	19.5	10.5	14.5
22	1.5	.0	.5	3.0	.0	1.0	16.5	9.5	12.5	18.5	13.0	15.5
23	1.0	.0	.0	2.5	.0	.5	13.0	10.0	11.5	20.5	14.0	16.5
24	.5	.0	.0	1.0	.0	.5	14.0	8.0	11.0	19.5	15.0	16.5
25	1.0	.0	.5	2.5	.5	1.5	15.5	8.5	12.0	18.0	14.5	16.0
26	3.0	.5	1.5	6.5	.0	3.0	14.5	10.0	12.0	18.5	12.5	15.0
27	3.5	.5	1.5	7.5	1.0	4.0	16.0	10.0	12.5	19.0	11.5	15.0
28	1.5	.5	1.0	4.5	2.5	3.0	19.5	10.0	14.5	14.5	12.5	13.5
29	---	---	---	5.5	2.0	3.5	19.5	13.0	16.0	12.5	11.5	12.5
30	---	---	---	3.5	1.5	3.0	15.0	9.5	11.5	20.5	11.0	15.0
31	---	---	---	7.0	1.0	4.0	---	---	---	23.0	13.5	17.5
MONTH	4.0	.0	.8	7.5	.0	1.3	19.5	.0	8.5	23.0	7.5	13.5

MINNESOTA RIVER BASIN--Continued

05330902 NINE MILE CREEK NEAR JAMES CIRCLE AT BLOOMINGTON, MN--Continued

(National Water-Quality Assessment Program)

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	24.5	15.0	19.0	---	---	---	24.0	20.5	22.0	24.5	21.5	22.5
2	24.0	16.0	19.5	22.5	19.5	20.5	25.5	21.5	23.5	23.0	20.5	21.5
3	22.5	16.0	19.0	19.5	18.0	19.0	25.5	22.5	24.0	20.5	18.5	19.5
4	23.5	15.5	19.0	19.5	17.5	18.5	24.5	22.0	23.5	20.0	18.0	19.0
5	24.0	16.5	19.5	20.5	17.5	19.0	23.5	20.5	22.0	21.5	17.5	19.5
6	22.0	16.0	18.5	20.5	17.5	19.0	23.5	20.5	22.0	22.0	19.0	21.0
7	21.5	15.5	18.0	19.0	16.5	17.5	24.0	20.5	22.5	21.5	20.0	20.5
8	24.0	16.5	19.5	18.0	17.0	17.5	24.0	21.0	23.0	21.0	19.0	20.0
9	24.5	16.5	19.5	20.5	16.5	18.5	23.0	20.5	22.0	20.5	19.0	19.5
10	24.5	17.0	20.0	22.0	17.5	20.0	21.5	19.5	20.5	19.5	17.0	18.5
11	22.5	17.0	19.5	23.5	19.0	21.5	21.5	18.5	20.0	19.5	16.5	18.0
12	23.5	15.5	19.0	24.0	21.5	23.0	21.0	20.0	20.0	19.5	17.0	18.5
13	24.5	16.0	19.5	26.5	22.5	24.5	21.0	18.0	19.5	19.5	18.0	18.5
14	24.0	14.5	19.0	25.0	22.5	24.0	20.5	18.0	19.0	20.0	18.0	19.0
15	21.5	17.0	19.0	26.0	22.0	23.5	23.0	18.5	20.5	20.0	19.0	19.5
16	20.0	15.0	17.0	27.0	23.0	25.0	23.0	20.5	22.0	20.0	18.5	19.0
17	18.5	13.5	16.5	26.5	21.5	24.5	22.5	18.5	20.0	---	---	---
18	18.0	15.5	17.0	25.5	24.0	25.0	19.5	17.5	18.5	---	---	---
19	17.0	15.5	16.0	25.0	21.0	23.5	19.5	17.0	18.0	20.0	18.5	19.5
20	22.0	15.5	18.0	24.5	22.5	23.5	19.0	17.5	18.0	18.5	16.5	17.5
21	24.5	17.0	20.0	24.5	23.0	23.5	19.5	17.5	18.5	16.5	15.0	16.0
22	23.0	17.0	20.0	23.0	20.0	21.5	19.5	18.0	18.5	15.5	14.5	15.0
23	27.0	18.5	22.0	22.5	21.0	22.0	20.5	18.5	19.5	16.5	13.5	15.0
24	24.5	20.0	22.0	22.5	22.0	22.0	21.5	19.5	20.0	16.5	13.0	15.0
25	25.5	20.5	22.5	23.0	22.0	22.5	22.0	19.5	20.5	17.5	14.5	16.5
26	26.0	19.0	22.0	24.0	23.0	23.5	22.5	20.0	21.0	17.5	15.0	16.5
27	27.0	19.5	22.5	24.5	23.5	24.0	23.0	20.5	22.0	19.0	17.0	17.5
28	23.0	19.5	21.0	24.5	23.5	24.0	23.0	20.0	22.0	18.0	15.5	16.5
29	21.5	19.5	21.0	23.5	22.5	23.0	22.0	20.5	21.0	16.5	14.5	15.0
30	25.0	20.0	22.5	23.5	21.0	22.0	23.0	21.0	22.0	16.0	13.5	14.5
31	---	---	---	22.5	20.5	21.5	23.5	21.0	22.5	---	---	---
MONTH	27.0	13.5	19.6	---	---	---	25.5	17.0	20.9	---	---	---

MINNESOTA RIVER BASIN--Continued

05330902 NINE MILE CREEK NEAR JAMES CIRCLE AT BLOOMINGTON, MN--Continued

(National Water-Quality Assessment Program)

WATER-QUALITY RECORDS

TEMPERATURE, WATER (DEG C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	15.0	13.0	14.0	9.5	6.5	8.0	3.0	2.5	2.5	2.0	.0	1.0
2	17.5	14.0	15.5	6.5	4.0	5.5	3.5	2.5	3.0	3.5	.5	2.0
3	19.5	16.5	18.0	4.5	3.5	4.0	3.5	2.0	3.0	1.5	.0	1.0
4	18.5	16.0	17.0	4.0	3.5	4.0	2.5	1.0	1.5	1.5	.0	.5
5	18.5	16.0	17.0	5.0	4.0	4.5	1.5	.0	1.0	2.5	.0	1.5
6	16.0	13.5	15.5	6.5	4.5	5.5	2.0	1.0	1.5	2.5	1.5	2.0
7	22.0	14.5	16.5	7.0	5.5	6.0	1.5	.5	1.0	2.5	1.5	1.5
8	19.0	17.5	18.0	6.0	4.5	5.5	2.0	1.0	1.5	2.5	.5	1.5
9	17.5	12.5	15.0	6.0	4.5	5.5	2.5	1.0	1.5	1.0	.0	.5
10	15.0	11.0	13.0	4.5	3.0	4.0	3.0	1.5	2.0	.0	.0	.0
11	18.0	13.5	15.5	3.0	1.0	2.0	2.5	1.5	2.0	.0	.0	.0
12	18.0	16.0	17.0	2.5	.5	1.0	2.0	.5	1.0	.0	.0	.0
13	17.0	12.0	14.5	2.5	1.0	2.0	2.0	.5	1.0	.0	.0	.0
14	12.0	9.5	10.5	4.0	1.5	2.5	2.5	.5	1.5	.0	.0	.0
15	12.0	9.5	10.5	2.5	1.0	2.0	3.0	1.0	2.0	.0	.0	.0
16	12.0	9.5	11.0	1.5	.0	.5	3.0	1.5	2.0	1.0	.0	.5
17	12.0	10.0	11.0	2.0	.0	.5	3.0	.5	2.0	1.0	.0	.5
18	13.0	10.5	11.5	2.0	.0	1.0	3.5	2.0	2.5	1.5	.5	.5
19	13.0	11.0	12.0	2.0	.5	1.5	3.5	2.0	3.0	2.0	.0	1.0
20	11.0	8.5	9.5	2.5	1.0	1.5	2.0	.0	1.0	1.5	.0	.5
21	9.0	6.5	7.5	2.0	.0	1.0	1.5	.0	.5	2.0	.0	1.0
22	8.0	5.5	7.0	2.0	.0	1.5	2.5	1.0	1.5	2.0	1.0	1.5
23	9.5	7.5	8.0	2.0	.0	1.0	2.5	1.0	2.0	2.5	1.0	1.5
24	8.5	7.5	8.0	1.0	.0	.5	1.5	1.0	1.5	2.5	1.0	1.5
25	7.5	5.0	6.5	3.0	1.0	1.5	2.0	.0	1.0	2.0	.0	1.0
26	6.0	4.0	5.0	3.0	1.0	1.5	2.0	.0	1.0	2.0	1.5	1.5
27	5.5	2.5	4.0	3.5	1.5	2.0	1.0	.0	.5	2.5	1.5	2.0
28	7.0	4.5	5.5	3.0	.5	1.5	2.5	1.0	1.5	2.5	1.0	2.0
29	8.0	4.5	6.0	2.5	1.0	1.5	2.0	.5	1.0	1.5	.0	1.0
30	8.5	6.5	7.5	2.5	1.0	2.0	2.0	.0	1.0	2.5	.5	1.5
31	10.5	6.0	7.5	---	---	---	.0	.0	.0	3.0	.5	2.0
MONTH	22.0	2.5	11.5	9.5	.0	2.7	3.5	.0	1.5	3.5	.0	1.0

MINNESOTA RIVER BASIN--Continued

05330902 NINE MILE CREEK NEAR JAMES CIRCLE AT BLOOMINGTON, MN--Continued

(National Water-Quality Assessment Program)

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	2.0	.5	1.5	3.5	2.0	2.5	6.0	5.0	5.5	21.0	14.5	17.0
2	2.0	.5	1.0	4.0	2.0	3.0	5.5	5.0	5.5	17.0	14.5	16.0
3	2.0	.0	.5	3.0	2.0	2.5	6.5	5.0	5.5	19.0	13.0	15.5
4	1.5	.0	.5	3.0	1.0	2.0	8.5	5.0	6.5	21.0	16.0	18.0
5	2.0	.0	.5	3.0	2.0	2.5	9.5	5.5	7.5	20.5	15.5	17.5
6	2.5	.0	.5	3.0	1.5	2.5	12.0	7.5	9.5	21.0	14.5	17.5
7	3.0	.0	1.0	4.0	1.0	3.0	11.0	9.0	10.0	17.5	14.0	16.5
8	3.5	.0	1.0	4.0	2.0	3.5	9.5	7.5	8.5	17.0	13.0	15.5
9	4.5	.5	2.0	2.5	.0	.5	10.5	7.0	8.5	20.5	15.5	18.0
10	3.0	2.0	2.5	1.5	.0	.0	11.5	6.5	9.0	20.5	16.5	18.5
11	3.5	1.0	2.0	1.0	.0	.0	14.0	9.0	11.5	20.5	17.5	19.0
12	3.0	.0	1.5	1.5	.0	.5	13.5	11.5	12.5	20.0	17.0	18.0
13	2.5	1.0	1.5	1.5	.0	.5	13.5	11.5	12.5	19.0	14.5	17.0
14	3.0	1.5	2.0	2.0	.0	.5	14.5	10.5	12.5	22.0	17.5	20.0
15	4.0	2.0	3.0	2.0	.0	1.0	13.5	10.0	11.5	22.5	14.0	20.5
16	4.0	2.0	2.5	3.5	.0	1.5	12.0	7.5	10.0	20.5	17.0	19.0
17	2.0	1.5	2.0	4.5	1.0	3.0	12.5	8.5	10.5	22.5	17.5	20.0
18	1.5	.5	1.0	3.0	1.5	2.5	12.5	10.5	11.5	25.5	19.5	22.0
19	2.0	.5	1.0	6.0	1.5	3.5	13.5	10.0	11.5	24.0	20.5	22.5
20	2.5	.5	1.0	7.0	2.0	4.5	14.0	11.5	12.5	23.0	19.5	21.5
21	2.0	.5	1.0	6.5	3.0	4.5	16.0	11.0	13.5	22.0	19.5	21.0
22	4.0	1.0	2.5	7.0	3.5	5.0	17.0	12.0	14.5	21.0	18.0	19.0
23	5.0	3.5	4.0	7.0	4.5	5.5	18.5	12.5	15.5	19.0	16.5	17.5
24	5.0	3.0	4.0	6.5	3.0	5.0	19.5	14.0	16.5	18.0	15.5	16.5
25	5.5	4.0	4.5	10.0	5.0	7.5	18.0	14.5	16.0	19.5	14.5	17.0
26	5.5	4.5	5.5	13.5	9.0	11.0	17.0	13.0	14.5	22.5	18.5	20.0
27	5.5	3.0	4.0	12.0	10.0	11.0	17.0	11.5	14.0	23.0	19.0	21.0
28	3.0	2.0	2.5	10.5	7.5	9.0	17.5	11.5	14.0	25.0	20.0	22.5
29	---	---	---	9.5	7.5	8.0	18.5	12.0	15.0	25.0	20.5	22.5
30	---	---	---	8.0	6.5	7.0	19.5	13.0	16.0	21.5	18.0	20.0
31	---	---	---	6.5	5.0	6.0	---	---	---	21.5	18.5	20.0
MONTH	5.5	.0	2.0	13.5	.0	3.8	19.5	5.0	11.4	25.5	13.0	18.9

MINNESOTA RIVER BASIN--Continued

05330902 NINE MILE CREEK NEAR JAMES CIRCLE AT BLOOMINGTON, MN--Continued

(National Water-Quality Assessment Program)

WATER-QUALITY RECORDS

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG.C), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	499	470	483	715	687	705	769	724	743
2	---	---	---	533	499	513	714	686	702	765	610	731
3	---	---	---	560	533	547	715	668	699	735	652	682
4	---	---	---	565	549	555	717	633	702	766	734	750
5	---	---	---	575	558	566	711	150	498	784	741	763
6	---	---	---	578	303	508	673	268	621	792	744	767
7	---	---	---	525	408	487	581	221	486	789	746	769
8	---	---	---	557	524	536	633	565	609	806	775	791
9	---	---	---	590	557	572	659	631	643	818	765	792
10	---	---	---	632	590	605	667	372	610	798	752	775
11	---	---	---	658	632	645	665	641	657	809	767	788
12	---	---	---	892	655	780	683	648	665	809	781	799
13	---	---	---	892	860	877	694	660	680	833	783	809
14	---	---	---	884	855	871	718	688	701	847	787	814
15	---	---	---	883	744	832	737	697	719	809	772	793
16	---	---	---	888	838	866	761	707	737	804	771	792
17	---	---	---	875	835	859	778	712	749	819	784	805
18	---	---	---	864	820	845	778	733	757	829	768	800
19	---	---	---	860	825	846	776	589	737	821	775	796
20	---	---	---	871	823	851	746	658	699	781	133	418
21	---	---	---	868	819	846	773	705	743	742	124	564
22	---	---	---	858	647	751	742	206	474	653	278	568
23	---	---	---	866	806	841	724	650	689	672	627	661
24	---	---	---	844	455	743	691	648	672	704	667	686
25	---	---	---	801	487	685	714	195	684	714	674	704
26	---	---	---	816	198	781	676	187	508	694	417	569
27	---	---	---	781	739	761	743	657	691	687	365	611
28	457	359	391	756	598	714	680	649	667	677	493	628
29	500	457	479	746	350	627	704	660	684	701	536	653
30	471	456	461	721	657	705	727	689	709	708	680	698
31	---	---	---	709	618	700	749	711	731	---	---	---
MONTH	---	---	---	892	198	703	778	150	665	847	124	717

MINNESOTA RIVER BASIN--Continued

05330902 NINE MILE CREEK NEAR JAMES CIRCLE AT BLOOMINGTON, MN--Continued

(National Water-Quality Assessment Program)

WATER-QUALITY RECORDS

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG.C), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	715	681	701	636	575	602	1220	743	931	1270	842	1050
2	770	711	732	656	604	632	852	716	752	4340	887	1620
3	812	751	780	655	578	620	1900	669	866	4220	1130	2010
4	810	763	787	897	309	533	1120	747	867	3790	834	2020
5	795	739	768	558	506	529	1750	744	971	1860	1360	1600
6	788	740	765	704	508	537	2650	805	1250	1360	1240	1280
7	804	752	781	629	531	563	1350	889	1060	1300	999	1160
8	840	775	804	680	556	584	980	800	862	1800	1270	1360
9	820	620	754	650	579	613	1070	836	905	1350	1200	1260
10	826	675	785	697	643	659	908	780	824	1250	1190	1210
11	850	786	815	911	697	764	3780	855	1530	1220	1070	1140
12	822	754	790	852	770	821	3670	1130	1740	1250	1140	1210
13	814	760	788	951	682	781	1290	999	1120	1260	1200	1210
14	817	772	794	832	719	762	1050	959	1020	1260	1130	1190
15	783	286	561	6890	679	1970	1440	923	1080	1230	1170	1200
16	749	156	657	1010	193	397	1220	1020	1100	1230	1200	1220
17	502	84	341	515	324	445	1190	1010	1090	1270	1220	1250
18	655	502	618	533	474	498	1130	1050	1090	1250	1190	1220
19	674	628	649	504	462	478	1100	1010	1060	1820	1170	1340
20	658	636	651	542	478	492	1150	1030	1070	1530	1170	1300
21	665	633	651	908	494	578	1270	988	1070	6710	1220	2500
22	682	394	638	706	546	591	1150	968	1050	4420	1480	2450
23	495	201	393	858	559	635	1330	1140	1190	2440	1330	1650
24	582	488	554	1130	659	785	1250	1100	1140	2040	1280	1480
25	592	558	576	770	671	707	1200	1130	1170	1490	1280	1330
26	569	544	559	733	665	684	1270	1110	1150	1370	1260	1310
27	597	544	568	800	639	683	1130	1060	1100	1460	1250	1310
28	640	592	612	1010	597	678	1280	1060	1110	1410	1260	1310
29	643	136	462	2860	592	1030	1120	954	1060	1330	1250	1290
30	542	255	441	2610	855	1500	1160	943	1060	1430	1230	1310
31	616	531	585	---	---	---	1160	986	1050	8300	1250	3150
MONTH	850	84	657	6890	193	705	3780	669	1080	8300	834	1480

MINNESOTA RIVER BASIN--Continued

05330902 NINE MILE CREEK NEAR JAMES CIRCLE AT BLOOMINGTON, MN--Continued

(National Water-Quality Assessment Program)

WATER-QUALITY RECORDS

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG.C), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	3160	1440	2190	1940	1190	1610	752	608	677	908	805	856
2	4870	1360	2300	1950	1470	1710	649	571	608	855	823	833
3	2320	1320	1560	1900	1550	1660	608	517	558	900	831	866
4	1510	1240	1340	3620	1630	2220	616	543	568	879	807	843
5	1390	1210	1280	2530	1880	2200	609	251	525	834	790	819
6	6620	1130	2230	1900	1560	1760	768	481	628	861	790	827
7	2300	1050	1580	1820	1600	1690	858	756	804	838	825	833
8	2250	1020	1560	1760	1430	1660	886	755	821	847	820	836
9	1740	1030	1380	1830	1090	1500	869	698	787	867	785	825
10	1400	1200	1300	1690	1200	1510	810	748	776	813	743	775
11	1490	1250	1380	1620	1320	1500	816	692	756	766	740	749
12	3150	1310	1660	1610	1540	1580	792	673	739	794	734	764
13	2000	1350	1550	1790	1590	1620	806	657	726	894	761	807
14	2700	1280	1660	1950	1430	1660	769	660	712	825	621	748
15	1860	1070	1400	1810	1510	1600	741	676	710	842	769	811
16	1280	966	1150	2160	1340	1640	809	736	773	833	767	807
17	5750	973	2260	1870	1380	1550	865	777	822	924	797	840
18	3650	1470	2420	1440	1270	1370	853	637	799	947	539	803
19	3120	1270	1800	1400	1080	1280	876	764	818	1000	943	979
20	2150	1170	1500	1690	1020	1260	833	730	787	1010	872	945
21	1770	1590	1660	1340	1090	1250	807	727	775	969	892	928
22	1700	1520	1630	1350	1140	1250	846	748	802	942	905	927
23	2810	1570	1930	1270	1100	1180	852	782	817	960	771	894
24	2070	1660	1770	1270	1130	1150	886	730	834	873	359	653
25	2530	1460	1790	1370	1100	1210	915	802	864	895	729	758
26	1720	1350	1520	1210	951	1070	937	842	896	786	710	755
27	1570	1350	1490	1040	807	938	943	811	892	785	680	734
28	2660	1510	1780	994	925	970	950	842	905	753	700	725
29	---	---	---	961	791	874	941	812	879	774	514	729
30	---	---	---	869	795	829	883	825	853	704	517	653
31	---	---	---	871	690	775	---	---	---	738	639	694
MONTH	6620	966	1680	3620	690	1420	950	251	764	1010	359	807

MINNESOTA RIVER BASIN--Continued

05330902 NINE MILE CREEK NEAR JAMES CIRCLE AT BLOOMINGTON, MN--Continued

(National Water-Quality Assessment Program)

WATER-QUALITY RECORDS

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG.C), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	820	687	762	---	---	---	470	412	457	442	270	424
2	856	781	812	416	254	341	484	451	476	458	428	446
3	863	791	839	451	415	443	495	410	477	473	458	469
4	860	506	787	442	409	424	515	495	505	491	473	482
5	840	562	735	424	287	411	528	330	506	501	268	469
6	950	793	852	430	408	416	522	348	498	504	471	492
7	893	402	775	450	214	406	567	522	546	786	504	647
8	968	758	834	448	406	428	572	560	565	731	162	485
9	977	807	897	481	448	465	566	497	557	482	222	447
10	988	834	885	504	481	494	557	526	553	513	482	502
11	961	892	916	521	498	511	561	551	557	529	513	523
12	1010	777	877	521	405	504	565	557	562	1290	527	538
13	835	754	799	529	191	494	575	562	569	1290	535	545
14	815	737	779	494	328	466	579	113	489	549	542	545
15	955	249	594	501	473	487	527	328	498	565	547	556
16	752	578	668	477	448	464	536	492	526	565	94	375
17	801	685	733	455	122	352	559	536	553	---	---	---
18	804	775	794	393	374	388	573	559	567	---	---	---
19	801	672	737	397	113	338	578	100	296	418	323	374
20	691	621	660	347	281	338	402	272	347	416	343	379
21	708	599	655	339	220	326	410	370	394	428	416	422
22	646	533	583	318	105	226	370	358	362	441	428	433
23	534	423	477	270	252	264	361	208	347	453	441	447
24	569	79	375	269	258	264	371	353	361	472	453	466
25	661	536	584	259	175	246	392	371	383	486	469	477
26	718	658	690	281	253	265	409	392	402	494	476	488
27	755	708	725	321	281	301	429	409	420	518	288	486
28	765	85	572	361	299	332	454	429	444	548	320	513
29	553	181	399	400	361	381	476	381	460	554	538	544
30	---	---	---	427	400	417	477	75	302	588	554	572
31	---	---	---	452	415	442	425	353	394	---	---	---
MONTH	---	---	---	---	---	---	579	75	464	---	---	---