

UPPER MISSISSIPPI RIVER BASIN

05288500 MISSISSIPPI RIVER NEAR ANOKA, MN

LOCATION.--Lat 45° 07'36", long 93° 17'48", in SW1/4 sec. 12, T.119 N., R.21 W., Hennepin County, Hydrologic Unit 07010206, on right bank 0.4 mi downstream from Coon Creek, 1.3 mi downstream from Coon Rapids dam at Coon Rapids, 6.5 mi downstream from Anoka, and at mile 864.8 upstream from Ohio River.

DRAINAGE AREA.--19,100 mi², approximately.

PERIOD OF RECORD.--June 1931 to current year. Prior to October 1931 published as "at Coon Rapids, near Anoka."

GAGE.--Water-stage recorder. Datum of gage is 804.53 ft above sea level. Prior to June 14, 1932, at site 1.2 mi upstream at different datum.

REMARKS.--Records good except those for estimated days, which are fair. Discharge during period of backwater from ice, Dec. 6 to Mar. 12, furnished from Ford Plant Dam downstream from station adjusted for time of travel, leakage through dam, and diversions to St. Paul and Minneapolis waterworks. Flow slightly regulated by six reservoirs on headwaters; total usable capacity, 1,640,600 acre-ft. Diurnal regulation caused by Coon Rapids dam 1.3 mi. above station.

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	3310	9360	e9940	e7000	e6860	e6600	21500	24700	11000
11000	18000	9660							
2	3630	9820	e9730	e7270	e6850	e6240	26400	23800	10500
14300	17000	9540							
3	3560	9870	e9430	e7220	e6700	e6420	34400	23200	9780
15400	17300	8840							
4	3780	10400	e9660	e7520	e6300	e6500	40500	22100	9750
15700	16600	8670							
5	3620	10500	e10900	e6740	e6570	e5970	50600	21400	9560
16700	15200	8130							
6	3710	11100	e11200	e6010	e6880	e5300	57400	20600	8980
18000	14500	7960							
7	3800	11000	e10700	e6150	e6760	e6150	63600	20300	8650
19200	13800	7770							
8	3610	10600	e9900	e5580	e6340	e6580	67300	19700	8350
20700	13300	7610							
9	3610	11000	e10200	e5320	e6390	e6610	69100	17800	8060
20800	12300	7540							
10	3750	10800	e10600	e5310	e6450	e6750	69000	17100	7510
20800	12000	7440							

11	3720	10700	e10800	e4650	e6370	e6690	67000	17900	7670
20800	11500	7010							
12	3700	9800	e11200	e4180	e6320	e6700	64400	16400	7490
20200	11000	6890							
13	3360	9170	e10800	e4510	e6340	e6650	60600	16400	6810
20100	10300	7100							
14	3630	8440	e10000	e4790	e6680	e6540	55700	16200	6790
20400	9900	6840							
15	3110	7920	e8770	e5660	e6350	e6400	50900	15600	6350
19800	9700	6660							
16	3710	7490	e8080	e7390	e6220	e6530	47300	15100	6700
19700	9240	7050							
17	4140	9920	e8390	e6150	e6220	e6810	43900	14900	6210
19900	9040	7450							
18	4740	9870	e7970	e6330	e6340	e7000	41100	14400	6100
18700	8640	7650							
19	4890	9850	e6740	e6080	e6130	6990	38900	14600	6130
18500	9250	7380							
20	4780	10800	e5860	e6050	e6660	7140	37700	13900	6060
17900	10200	7430							
21	6050	11000	e6350	e6260	e6570	7300	36000	13200	5870
17100	10800	7390							
22	6310	10600	e8020	e6640	e6450	7380	34600	12500	5510
17700	10400	7110							
23	6780	e10900	e7620	e6600	e6170	7800	33000	12600	5970
17600	10300	7460							
24	7350	e10600	e7490	e6360	e6290	8260	31700	12000	5810
17500	10900	7470							
25	7350	e9790	e6950	e6510	e6250	8290	30600	12300	6280
18800	11000	6900							
26	7360	e8420	e7140	e6350	e6600	8500	29300	12500	6300
19800	10800	6750							
27	7630	e7800	e7530	e6520	e6440	9320	28300	12300	6740
19700	10800	7170							
28	7790	e8740	e7920	e6640	e6680	11200	27400	11900	e7330
19600	10800	6580							
29	7700	e9300	e8100	e6560	---	12400	26600	11800	e8410
19500	10800	6700							
30	8810	e10400	e7570	e6540	---	15100	25800	11900	e8080
18900	10600	6760							
31	8900	---	e6830	e5610	---	17900	---	11500	---
18600	9940	---							
TOTAL	158190	295960	272390	190500	181180	244020	1310600	500600	224750
573400	365910	224910							
MEAN	5103	9865	8787	6145	6471	7872	43690	16150	7492
18500	11800	7497							
MAX	8900	11100	11200	7520	6880	17900	69100	24700	11000
20800	18000	9660							
MIN	3110	7490	5860	4180	6130	5300	21500	11500	5510
11000	8640	6580							

AC-FT	313800	587000	540300	377900	359400	484000	2600000	992900	445800
1137000	725800	446100							
CFSM	.27	.52	.46	.32	.34	.41	2.29	.85	.39
.97	.62	.39							
IN.	.31	.58	.53	.37	.35	.48	2.55	.97	.44
1.12	.71	.44							

o e Estimated

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1931 - 1997, BY WATER YEAR (WY)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
JUL	AUG	SEP							
MEAN	6436	6244	4805	4229	4122	7304	17660	14910	11390
8673	6066	5839							
MAX	21250	22800	10800	8304	9948	23410	43690	39760	29910
27240	22490	23570							
(WY)	1987	1972	1972	1986	1966	1966	1997	1986	1943
1993	1972	1986							
MIN	1128	1152	1006	935	1079	1602	3575	2796	1646
1022	715	888							
(WY)	1937	1937	1935	1935	1933	1940	1959	1934	1934
1934	1934	1934							

SUMMARY STATISTICS	FOR 1996 CALENDAR YEAR		FOR 1997 WATER YEAR		WATER YEARS	
1931 - 1997						
ANNUAL TOTAL	3903980		4542410			
ANNUAL MEAN	10670		12440		8173	
HIGHEST ANNUAL MEAN						
17750	1986					
LOWEST ANNUAL MEAN						
1603	1934					
HIGHEST DAILY MEAN	36000	Apr 23	69100	Apr 9	90300	Apr
17 1965						
LOWEST DAILY MEAN	2580	Sep 9	3110	Oct 15	602	Sep
10 1934						
ANNUAL SEVEN-DAY MINIMUM	3040	Sep 3	3550	Oct 9	646	Aug
26 1934						
INSTANTANEOUS PEAK FLOW			69800	Apr 9	91000	Apr
17 1965						
INSTANTANEOUS PEAK STAGE			16.44	Apr 9	19.53	Apr
17 1965						
INSTANTANEOUS LOW FLOW			2760	Oct 15	529a	Aug
29 1976						
ANNUAL RUNOFF (AC-FT)	7744000		9010000		5921000	
ANNUAL RUNOFF (CFSM)	.56		.65		.43	
ANNUAL RUNOFF (INCHES)	7.60		8.85		5.81	
10 PERCENT EXCEEDS	23900		20800		17800	
50 PERCENT EXCEEDS	7940		8440		5650	
90 PERCENT EXCEEDS	3620		5990		2080	

a Result of regulation.

(National Water-Quality Assessment Station)

WATER-QUALITY RECORDS

LOCATION.--Water-quality samples were collected near Coon Rapids dam.

PERIOD OF RECORD.--Water years 1963-67, 1975 to current year.

WATER TEMPERATURES:

Once-daily (instantaneous) record.--Water years 1976, 77, 79, 80, 82 to 96 (discontinued).

Hourly record.--May 1996 to current year.

SPECIFIC CONDUCTANCE.--May 1996 to current year.

SUSPENDED-SEDIMENT DISCHARGE.--Daily record, August 1975 to September 1996, (discontinued).

INSTRUMENTATION.--Electronic data logger and water temperature/specific conductance sensors since May 1996, provides continuous record. Sensors located at gage.

REMARKS.--Water temperature records at sensor rounded to within 0.5 °C. Field readings of temperature and conductance at the sensor were compared with water-quality instrument readings of same on Oct. 9, Nov. 27, Dec. 6, Jan. 10, Mar. 25, and June 25. Variations of temperature were within 0.5 °C; variations of conductance were within 39% (corrections applied).

EXTREMES FOR PERIOD OF DAILY RECORD:

WATER TEMPERATURES.--Maximum observed, 31.0 °C, Aug. 25, 26, 1976, July 19, 1977, July 13, 1995; minimum, 0.0 °C, on many days during winter each year.

SPECIFIC CONDUCTANCE.--Maximum, 646 µs/cm, June 22, 1996; minimum, 128 µs/cm, Nov. 17, 18, 1996.

EXTREMES FOR CURRENT YEAR:

WATER TEMPERATURES.--Maximum, 27.0 °C, July 18; minimum, 0.0 °C, on many days during winter.

SPECIFIC CONDUCTANCE.--Maximum, 545 µs/cm, Mar. 31, Apr. 1; minimum, 128 µs/cm, Nov. 17, 18.

WATER TEMPERATURE, DEGREES CELSIUS, 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	15.5	17.0	1.5	.5	1.0	.5	.0	.5	
.0	.0	.0								
2	18.0	15.0	16.5	1.5	.5	1.0	.0	.0	.0	
.0	.0	.0								
3	15.0	13.5	14.0	3.0	1.0	2.0	.0	.0	.0	
.0	.0	.0								
4	13.5	12.5	13.0	4.5	2.5	3.5	.0	.0	.0	
.0	.0	.0								
5	15.5	12.5	14.0	5.0	4.0	4.5	.0	.0	.0	
.0	.0	.0								
6	16.5	15.0	15.5	5.5	5.0	5.0	.5	.0	.5	
.0	.0	.0								
7	15.5	14.0	14.5	5.0	3.5	4.5	.5	.0	.0	
.0	.0	.0								
8	14.5	13.0	13.5	4.0	3.0	3.5	.0	.0	.0	
.0	.0	.0								
9	13.5	13.0	13.5	3.0	1.5	2.5	.0	.0	.0	
.0	.0	.0								
10	13.0	7.0	10.0	1.5	1.0	1.0	.5	.0	.0	---
---	---	---								
11	10.5	7.0	8.5	1.0	.5	.5	1.0	.5	.5	---
---	---	---								
12	12.5	8.5	10.0	1.5	.5	.5	1.5	1.0	1.5	---
---	---	---								
13	14.0	10.0	11.5	1.5	.5	1.0	1.5	.5	1.0	---
---	---	---								
14	13.0	10.0	11.0	1.5	.5	.5	.5	.0	.0	---
---	---	---								
15	14.0	10.5	12.0	.5	.5	.5	.0	.0	.0	---
---	---	---								
16	13.5	10.0	11.5	.5	.5	.5	.0	.0	.0	---
---	---	---								
17	12.0	9.5	11.0	.5	.5	.5	.0	.0	.0	---
---	---	---								
18	9.5	7.5	8.0	.5	.5	.5	.0	.0	.0	---
---	---	---								
19	8.5	6.0	7.5	.5	.5	.5	.0	.0	.0	---
---	---	---								
20	8.5	7.0	7.5	.5	.5	.5	.0	.0	.0	---
---	---	---								
21	9.0	8.0	8.5	.5	.0	.5	.0	.0	.0	---
---	---	---								
22	8.0	6.5	7.0	.5	.0	.0	.0	.0	.0	---
---	---	---								
23	7.0	6.0	6.5	.0	.0	.0	.0	.0	.0	

.0	.0	.0								
24	6.0	5.5	6.0	.0	.0	.0	.0	.0	.0	
.0	.0	.0								
25	8.0	5.5	6.5	.0	.0	.0	.0	.0	.0	
.0	.0	.0								
26	10.5	8.0	9.5	.0	.0	.0	.0	.0	.0	
.0	.0	.0								
27	10.5	9.0	10.0	.0	.0	.0	.0	.0	.0	
.0	.0	.0								
28	9.0	7.0	8.0	.0	.0	.0	.0	.0	.0	
.0	.0	.0								
29	7.5	6.5	7.0	.5	.0	.0	.0	.0	.0	
.0	.0	.0								
30	7.5	3.0	5.5	1.0	.5	.5	.0	.0	.0	
.0	.0	.0								
31	3.0	1.0	2.0	---	---	---	.0	.0	.0	
.0	.0	.0								
MONTH	18.0	1.0	10.2	5.5	.0	1.2	1.5	.0	.1	---
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WATER TEMPERATURE, DEGREES CELSIUS, 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	.0	.0	.0	2.0	1.5	1.5	4.0	2.0	3.0
13.0	11.5	12.0							
2	.0	.0	.0	1.5	1.0	1.5	4.5	4.0	4.0
13.0	12.0	12.5							
3	.0	.0	.0	1.5	1.0	1.5	4.5	3.0	3.5
12.5	11.5	12.5							
4	.0	.0	.0	1.5	1.0	1.0	4.5	4.0	4.5
13.5	12.0	12.5							
5	.0	.0	.0	2.0	1.0	1.5	4.5	3.5	4.0
13.5	13.0	13.5							
6	.0	.0	.0	1.0	.5	.5	4.5	3.0	4.0
14.0	13.0	13.5							
7	.0	.0	.0	1.0	.5	.5	3.0	1.5	2.0
14.0	13.5	14.0							
8	.0	.0	.0	2.0	.0	1.0	1.5	.5	1.0
13.5	12.5	13.0							
9	.0	.0	.0	3.5	2.0	2.5	2.0	.5	1.0
13.0	12.0	12.5							
10	.0	.0	.0	3.5	2.5	3.0	2.0	1.5	1.5
13.5	12.5	13.0							
11	.0	.0	.0	3.0	2.5	2.5	2.0	1.5	2.0
13.5	12.5	13.5							
12	.0	.0	.0	3.0	2.0	2.5	3.0	2.0	2.5
12.5	11.5	12.0							

13	.0	.0	.0	2.0	.0	1.0	4.0	2.5	3.5
11.5	11.0	11.5							
14	.5	.0	.0	.0	.0	.0	5.5	4.0	4.5
11.0	10.5	11.0							
15	.0	.0	.0	.5	.0	.0	6.5	5.5	6.0
10.5	10.0	10.5							
16	.0	.0	.0	1.5	.0	.5	6.0	5.5	6.0
11.5	10.5	11.0							
17	1.0	.0	.5	2.5	1.5	2.0	7.0	5.5	6.5
13.0	11.5	12.5							
18	1.5	1.0	1.5	3.0	2.0	2.5	7.5	7.0	7.0
14.5	13.0	13.5							
19	1.5	1.0	1.0	3.5	2.0	2.5	8.5	7.0	8.0
14.5	13.5	14.0							
20	2.0	1.0	1.5	4.0	2.5	3.0	10.0	8.0	9.0
14.0	13.0	13.5							
21	2.0	1.0	1.5	4.0	3.0	3.0	11.0	9.5	10.0
15.0	13.5	14.0							
22	1.0	.5	.5	4.0	2.5	3.0	11.5	10.0	10.5
15.0	14.5	14.5							
23	.5	.0	.5	4.0	2.5	3.0	11.5	10.5	11.0
15.0	14.0	14.5							
24	.5	.0	.0	2.5	.5	1.5	11.5	10.5	11.0
15.0	14.5	14.5							
25	1.5	.0	.5	2.0	.5	1.5	12.0	10.5	11.5
15.0	14.5	14.5							
26	2.5	1.5	2.0	3.5	1.5	2.5	12.5	11.5	12.0
15.0	14.5	14.5							
27	2.0	1.5	1.5	4.5	3.0	4.0	13.0	11.5	12.5
15.0	14.0	14.5							
28	1.5	1.0	1.5	4.0	2.0	3.0	14.0	12.0	13.0
15.0	14.5	14.5							
29	---	---	---	3.0	1.5	2.5	14.0	13.0	14.0
14.5	14.0	14.0							
30	---	---	---	3.0	1.0	2.0	14.0	12.0	13.0
15.5	14.0	14.5							
31	---	---	---	2.5	1.0	1.5	---	---	---
17.5	15.5	16.5							
MONTH	2.5	.0	.4	4.5	.0	1.9	14.0	.5	6.7
17.5	10.0	13.3							

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
MAX	MIN	MEAN	AUGUST	SEPTEMBER					
	JUNE	JULY							
1	18.5	17.5	18.0	25.5	24.5	25.0	24.5	23.0	24.0
24.0	23.5	24.0							
2	19.5	18.5	19.0	25.0	22.5	23.5	25.0	24.0	24.5
24.0	23.0	23.5							
3	20.0	19.5	19.5	22.5	20.5	21.5	25.5	24.5	25.0

23.0	21.5	22.0							
4	20.5	20.0	20.5	21.0	20.0	20.5	25.5	25.0	25.5
21.5	20.5	21.0							
5	21.0	20.5	21.0	21.0	20.5	21.0	25.5	24.5	25.0
21.5	20.5	21.0							
6	21.5	21.0	21.0	21.0	20.0	20.5	25.0	24.0	24.5
22.5	21.5	22.0							
7	21.5	21.0	21.0	20.5	19.0	20.0	25.5	24.5	25.0
22.0	21.0	22.0							
8	21.5	21.0	21.0	19.0	19.0	19.0	25.5	24.5	25.0
21.5	20.5	21.5							
9	22.0	21.5	21.5	20.0	18.5	19.0	25.0	24.0	24.5
22.0	21.0	21.5							
10	22.5	22.0	22.5	20.5	19.5	20.0	24.0	22.5	23.0
21.5	20.0	20.5							
11	23.0	22.5	23.0	22.0	20.5	21.0	22.5	22.0	22.5
21.0	20.0	20.5							
12	23.5	23.0	23.0	23.0	22.0	22.5	22.5	22.0	22.0
21.0	20.0	20.5							
13	24.0	23.0	23.5	24.5	22.5	23.5	22.0	21.5	22.0
20.5	19.5	20.0							
14	23.5	23.0	23.5	25.0	24.0	24.5	22.0	20.5	21.5
20.5	19.5	20.0							
15	23.0	22.0	23.0	25.5	24.0	24.5	21.5	20.5	21.0
20.5	20.0	20.5							
16	22.0	21.0	21.5	26.5	25.0	25.5	23.0	21.5	22.5
20.5	19.5	20.0							
17	21.5	20.5	21.0	27.0	26.0	26.5	23.0	21.0	22.0
20.0	19.5	19.5							
18	20.5	20.0	20.5	27.0	26.5	27.0	21.0	20.5	20.5
20.5	19.5	20.0							
19	20.5	20.0	20.0	26.5	25.0	25.5	20.5	19.0	20.0
21.0	20.0	20.5							
20	22.0	20.5	21.5	26.0	25.0	25.5	19.5	19.0	19.0
20.0	18.0	19.0							
21	23.0	21.5	22.5	26.0	24.5	25.0	20.5	19.5	20.0
18.0	17.5	18.0							
22	24.0	22.5	23.0	24.5	23.0	23.5	21.0	20.0	20.5
18.0	17.0	17.5							
23	24.5	23.0	23.5	23.0	22.5	23.0	21.5	20.5	21.0
17.5	16.5	17.0							
24	24.5	24.0	24.5	23.0	23.0	23.0	22.0	21.5	21.5
17.5	17.0	17.0							
25	25.0	23.5	24.0	24.0	22.5	23.5	22.5	21.5	22.0
18.5	17.5	18.0							
26	25.0	23.5	24.0	25.5	23.5	24.5	23.0	22.0	22.5
19.0	18.0	18.5							
27	26.0	24.0	25.0	26.0	25.0	25.5	23.5	23.0	23.5
19.0	18.0	18.5							
28	25.0	23.5	24.5	26.0	25.0	25.5	23.5	23.0	23.0
19.0	18.0	18.5							

29	23.5	22.0	22.5	25.5	24.5	25.0	23.5	22.5	23.0	
18.0	16.5	17.5								
30	24.5	22.0	23.0	25.5	24.5	25.0	23.5	22.5	23.0	
16.5	15.5	16.0								
31	---	---	---	25.0	24.0	24.5	24.0	23.0	23.5	---
	---	---								
MONTH	26.0	17.5	22.1	27.0	18.5	23.4	25.5	19.0	22.7	
24.0	15.5	19.9								

SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CELSIUS, 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	313	289	301	291	225	264	397	364	383	
373	359	364								
2	296	276	286	285	276	278	415	393	407	
375	355	362								
3	291	261	274	286	275	280	420	412	417	
368	335	345								
4	294	253	270	292	286	289	428	382	419	
372	344	355								
5	257	224	241	292	288	290	382	352	358	
354	339	342								
6	227	210	218	288	275	280	365	353	360	
362	342	349								
7	215	193	205	275	259	269	437	363	417	
360	349	353								
8	212	180	193	259	252	254	400	360	370	
378	352	356								
9	379	184	328	253	250	251	369	362	365	
369	347	353								
10	475	331	374	259	252	254	366	357	360	---
	---	---								
11	339	327	332	272	259	266	367	358	362	---
	---	---								
12	344	331	337	287	272	282	391	367	376	---
	---	---								
13	351	337	343	297	285	292	391	386	388	---
	---	---								
14	347	338	342	305	295	300	389	387	388	---
	---	---								
15	351	337	343	301	297	299	389	387	388	---
	---	---								
16	346	327	339	297	176	263	391	387	388	---
	---	---								
17	327	291	308	176	128	135	396	367	375	---

18	---	---	282	141	128	133	379	375	377	---
	---	---								
19	---	---	286	172	141	158	378	367	372	---
	---	---								
20	---	---	296	194	172	184	380	373	375	---
	---	---								
21	---	---	312	351	194	248	382	368	377	---
	---	---								
22	---	---	333	358	351	356	375	366	371	---
	---	---								
23	---	---	304	359	351	355	385	375	381	
371	---	---								
24	---	---	264	369	355	364	391	385	388	
382	---	---								
25	---	---	262	367	362	365	392	389	390	
384	---	---								
26	---	---	279	368	359	363	391	362	383	
389	---	---								
27	---	---	292	376	361	368	376	356	362	
386	---	---								
28	---	---	295	369	352	356	376	356	360	
391	---	---								
29	---	---	291	368	354	360	382	349	357	
391	---	---								
30	---	---	240	366	344	349	385	361	370	
392	---	---								
31	---	---	221	---	---	---	375	361	366	
390	---	---								
MONTH	---	---	290	376	128	284	437	349	379	---
	---	---								

SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
MAX	MIN	MEAN	MARCH	APRIL	MAY				
	FEBRUARY								
1	388	364	380	427	400	412	545	356	385
371	350	360							
2	391	365	379	420	406	408	370	344	352
396	371	384							
3	394	370	384	414	407	409	351	311	328
399	394	396							
4	394	371	377	431	409	414	318	282	302
406	395	401							
5	394	369	374	425	405	410	301	275	287
409	405	407							
6	387	369	372	426	410	413	300	284	296

428	409	419							
7	391	370	374	418	410	413	---	---	---
436	428	432							
8	409	379	388	423	409	412	---	---	---
436	433	435							
9	402	376	384	450	409	420	298	290	294
434	429	432							
10	409	377	387	433	410	419	305	298	302
429	425	427							
11	415	394	407	433	407	414	305	302	303
425	419	422							
12	425	372	397	416	412	415	308	301	304
419	413	415							
13	400	373	380	427	415	418	310	301	304
413	408	410							
14	399	374	381	425	414	419	318	310	315
408	402	405							
15	403	377	387	428	415	420	321	310	317
402	396	399							
16	406	380	390	434	415	425	322	310	316
396	392	394							
17	408	380	394	433	422	427	335	321	328
392	388	390							
18	406	383	391	428	421	425	335	333	334
389	386	387							
19	411	388	392	436	422	428	349	335	343
387	384	385							
20	416	390	400	447	423	430	350	346	348
389	382	384							
21	409	392	396	442	424	430	350	343	348
386	380	382							
22	420	392	397	436	427	431	343	334	341
381	374	377							
23	414	396	400	438	428	433	334	325	328
374	366	370							
24	415	395	401	450	430	439	353	334	342
367	358	362							
25	425	398	404	464	450	461	360	353	357
358	352	355							
26	422	399	403	462	445	451	367	360	364
352	349	350							
27	419	399	403	457	450	453	373	358	365
350	348	349							
28	415	399	403	456	436	447	364	357	360
350	347	349							
29	---	---	---	447	432	442	---	---	---
367	346	348							
30	---	---	---	460	447	451	358	347	352
366	338	346							
31	---	---	---	545	460	485	---	---	---
358	330	335							

MONTH	425	364	390	545	400	428	---	---	---
436	330	387							

SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
MAX	MIN	MEAN							
	JUNE	JULY	AUGUST	SEPTEMBER					
1	330	322	326	250	196	221	271	261	266
336	332	334							
2	322	317	319	216	177	188	270	266	268
333	325	329							
3	318	317	318	187	171	178	267	262	265
330	326	328							
4	323	318	320	174	168	169	262	258	261
331	327	329							
5	341	322	325	181	170	174	268	255	262
329	318	325							
6	341	297	313	176	170	173	268	264	266
323	312	318							
7	331	327	329	179	173	175	267	259	263
314	311	312							
8	329	325	327	182	174	178	267	260	263
324	313	317							
9	328	325	326	192	182	188	275	266	270
322	316	319							
10	331	327	329	197	192	195	275	271	272
317	310	312							
11	333	330	332	203	197	200	271	264	267
317	310	313							
12	337	332	335	208	203	206	268	263	265
319	314	317							
13	340	337	339	210	208	208	264	258	261
322	316	319							
14	344	340	342	214	208	212	262	259	260
324	315	320							
15	346	342	344	220	214	218	263	260	262
325	314	319							
16	346	343	344	222	219	221	263	260	261
325	315	320							
17	359	342	350	221	216	219	265	259	261
317	309	312							
18	358	355	357	218	216	217	267	265	266
319	315	317							
19	357	354	355	220	216	218	268	258	263
327	318	324							
20	356	351	354	280	218	243	266	257	262

