

UPPER MISSISSIPPI RIVER MAIN STEM--Continued
 05287890 ELM CREEK NEAR CHAMPLIN, MN--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--February 1988 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	TIME	SAMPLE TYPE	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD WATER UNITS) (00400)	TEMPER-ATURE WATER (DEG C) (00010)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)
OCT									
21...	1020	ENVIRONMENTAL	3.2	690	7.8	6.0	736	9.8	81
NOV									
17...	1220	ENVIRONMENTAL	3.8	695	7.8	3.2	741	8.6	66
JAN									
18...	1230	ENVIRONMENTAL	3.9	744	7.8	-.1	749	10.5	73
FEB									
25...	1440	ENVIRONMENTAL	19	557	7.7	1.1	730	9.7	72
APR									
26...	1050	ENVIRONMENTAL	16	612	7.7	13.1	738	9.3	92
JUN									
02...	1330	ENVIRONMENTAL	4.7	570	8.2	17.0	747	--	--
JUL									
09-11	2200	COMPOSITE (TIME)	--	507	7.7	--	--	--	--
09...	2201	ENVIRONMENTAL	--	489	--	--	--	--	--
JUL									
11-12	0200	COMPOSITE (TIME)	--	534	7.8	--	--	--	--
12...	1417	ENVIRONMENTAL	103	544	7.5	25.2	738	3.1	39
26...	1357	ENVIRONMENTAL	16	538	7.7	22.3	737	6.1	72
AUG									
17...	1215	ENVIRONMENTAL	7.3	574	7.3	24.6	741	--	--
AUG									
26-28	0318	COMPOSITE (TIME)	--	--	--	--	--	--	--
29...	1330	ENVIRONMENTAL	16	494	7.8	20.1	743	5.6	63
SEP									
14...	1100	BLANK	--	--	--	--	--	--	--
14...	1255	ENVIRONMENTAL	7.5	516	7.8	17.2	743	7.3	78

DATE	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	RESIDUE TOTAL AT 105 DEG. C, SUS-PENDED (MG/L) (00530)	RESIDUE VOLA-TILE, SUS-PENDED (MG/L) (00535)
OCT									
21...	.027	<.010	.45	.056	.101	.055	21.4	12	1
NOV									
17...	.054	<.010	1.1	<.050	.217	<.050	19.7	2	2
JAN									
18...	.326	<.010	.62	.134	E.033	<.050	<.3	2	2
FEB									
25...	.841	.024	2.1	.690	.725	.509	90.2	28	4
APR									
26...	<.020	<.010	1.1	<.050	.108	.059	66.1	4	1
JUN									
02...	.050	<.010	.95	<.050	.195	.091	48.6	14	--
JUL									
09-11	.075	<.010	1.5	.071	.358	.199	56.0	32	--
09...	<.020	<.010	1.5	.052	.345	.159	--	--	--
JUL									
11-12	.131	<.010	1.4	<.050	.395	.244	57.9	30	--
12...	--	--	--	--	--	--	--	--	--
26...	.039	<.010	1.0	<.050	.322	.221	46.4	<10	--
AUG									
17...	.208	.053	1.2	.154	.304	.251	43.8	<10	<10
AUG									
26-28	.058	.036	1.0	.314	.248	.200	36.5	<10	--
29...	.068	.027	1.0	.129	.246	.214	39.0	<10	<10
SEP									
14...	<.020	<.010	<.10	<.050	<.050	<.050	<.3	<10	<10
14...	.039	.045	1.0	.349	.206	.180	39.0	<10	<10

E Estimated value.
 < Actual value is known to be less than the value shown.

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