

UPPER MISSISSIPPI RIVER MAIN STEM--Continued

05288705 SHINGLE CREEK AT QUEEN AVE. IN MINNEAPOLIS, MN--Continued
(National Water-Quality Assessment Program)

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1996 to current year.

PERIOD OF DAILY RECORD:

WATER TEMPERATURES.-- May 1996 to September 30, 1998.

SPECIFIC CONDUCTANCE.-- May 1996 to September 30, 1998.

REVISED RECORDS.--WDR MN-96-1: Specific conductance.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	SAMPLE TYPE	GAGE HEIGHT (FEET) (00065)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, (PER-CENT SATUR-ATION) (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND-ARD UNITS) (00403)	SPE-CIFIC CON-DUCT-ANCE LAB (US/CM) (90095)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE AIR (DEG C) (00020)
MAR 07...	1050	ENVIRONMENTAL	10.50	60	745	4.2	30	7.3	7.4	2880	2810	-3.0
APR 03...	1030	ENVIRONMENTAL	9.99	35	746	10.7	77	7.6	7.5	822	807	2.8
MAY 02...	0930	ENVIRONMENTAL	10.68	79	736	6.4	67	7.5	7.7	640	628	18.0
JUN 26...	1115	ENVIRONMENTAL	9.94	20	743	5.2	62	7.5	7.9	838	839	--
JUL 23...	1030	ENVIRONMENTAL	10.16	29	738	1.9	24	7.3	7.2	480	480	24.5
AUG 06...	1120	ENVIRONMENTAL	9.44	6.9	--	2.4	32	7.3	7.8	729	771	28.0
06...	1125	SPIKE	9.44	6.9	--	2.4	32	7.3	--	--	771	28.0
SEP 27...	0855	ENVIRONMENTAL	9.64	17	746	7.5	74	7.7	7.3	582	577	9.0

DATE	TEMPER-ATURE WATER (DEG C) (00010)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	ALKA-LINITY WAT DIS TOT IT FIELD (MG/L AS CAC03) (39086)	BICAR-BONATE WATER DIS IT FIELD (MG/L AS HCO3) (00453)	CAR-BONATE WATER DIS IT FIELD (MG/L AS CO3) (00452)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (70300)
MAR 07...	.1	69.3	14.4	10.7	456	139	169	--	804	E.1	9.6	45.0	1560
APR 03...	.9	47.5	12.2	3.88	88.4	118	144	.0	161	E.1	7.8	28.6	449
MAY 02...	15.8	53.4	14.1	3.83	49.2	137	167	--	88.3	E.1	6.5	30.3	378
JUN 26...	24.0	71.8	19.2	3.08	57.4	184	224	.0	117	.3	10.2	49.5	483
JUL 23...	25.8	42.0	10.7	2.52	33.4	102	124	.0	63.8	E.1	7.9	26.4	269
AUG 06...	28.8	65.0	18.3	3.15	51.0	134	163	.0	105	E.2	11.2	51.5	406
06...	28.8	--	--	--	--	134	163	.0	--	--	--	--	--
SEP 27...	13.3	53.1	14.1	2.64	37.5	124	156	--	80.0	E.1	8.8	39.4	326

DATE	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS P) (00613)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	ACETO-CHLOR, WATER FLTRD REC (UG/L) (49260)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)
MAR 07...	.909	1.6	1.9	.505	.048	.041	.029	.176	E30	736	<.002	<.010	<.002
APR 03...	.517	1.1	1.4	1.11	.034	.052	.033	.165	70	268	<.002	<.004	<.002
MAY 02...	<.041	.58	.89	.426	.015	.018	<.018	.065	60	93.3	<.002	.028	<.002
JUN 26...	E.027	.55	.81	.376	.059	.032	E.010	.053	40	112	<.002	.006	<.002
JUL 23...	.277	.73	.88	.308	.121	.066	.043	.124	40	252	<.002	<.004	<.002
AUG 06...	.154	.67	.99	.199	.055	.072	.038	.146	30	487	<.002	<.004	<.002
06...	--	--	--	--	--	--	--	--	--	--	.098	.121	.123
SEP 27...	.060	.46	.60	.241	.021	.026	E.012	.069	50	115	<.002	<.004	<.002

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WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	ALPHA BHC DIS- SOLVED (UG/L) (34253)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	DIAZ- INON D10 SRG WAT FLT 0.7 U GF, REC PERCENT (91063)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)
MAR 07...	<.005	<.007	<.010	<.002	<.041	<.020	<.005	<.018	<.003	<.006	104	E.003	<.005
APR 03...	<.005	.008	<.010	<.002	<.041	<.020	<.005	<.018	<.003	<.006	99	.009	<.005
MAY 02...	<.005	.058	<.010	<.002	E.020	<.050	<.005	<.018	<.003	E.015	111	.017	<.005
JUN 26...	<.005	.077	<.010	<.002	<.041	<.020	<.005	<.018	<.003	E.010	139	.035	<.005
JUL 23...	<.005	.043	<.010	<.002	E.064	--	<.005	<.018	<.003	<.006	104	.129	<.005
AUG 06...	<.005	.018	<.010	<.002	<.041	<.020	<.005	<.018	<.003	E.007	121	.033	<.005
06...	.097	.107	.090	.114	E.164	E.142	.096	.114	.109	E.050	108	.136	.115
SEP 27...	<.005	E.004	<.010	<.002	E.016	<.020	<.005	<.018	<.003	E.003	109	.027	<.005
DATE	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	EPIC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FONO- FOS WATER DISS REC (UG/L) (04095)	HCH ALPHA D6 SRG WAT FLT 0.7 U GF, REC PERCENT (91065)	LINDANE DIS- SOLVED (UG/L) (39341)	LIN- URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA- THON, DIS- SOLVED (UG/L) (39532)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHYL PARA- THON WAT FLT 0.7 U GF, REC (UG/L) (82667)	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	METRI- BUZIN WATER DISSOLV (UG/L) (82630)
MAR 07...	<.021	<.050	<.009	<.005	<.003	89	<.004	<.035	<.075	<.050	<.006	<.013	<.006
APR 03...	<.021	<.002	<.009	<.005	<.003	86	<.004	<.035	<.027	<.050	<.006	E.001	<.006
MAY 02...	<.021	.042	<.009	<.005	<.003	84	<.004	<.035	<.027	<.050	<.006	.015	<.006
JUN 26...	<.021	<.002	<.009	<.005	<.003	95	<.004	<.035	<.027	<.050	<.006	E.006	<.006
JUL 23...	<.021	<.015	<.009	<.005	<.003	88	<.004	<.035	<.027	<.050	<.006	E.005	<.006
AUG 06...	<.021	<.002	<.009	<.005	<.003	96	<.004	<.035	<.027	<.050	<.006	E.004	<.006
06...	.102	.106	.106	.096	.101	92	.095	.104	.100	E.151	.143	.128	.099
SEP 27...	<.021	<.002	<.009	<.005	<.003	85	<.004	<.035	<.027	<.050	<.006	<.013	<.006
DATE	MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	P,P' DDE DISSOLV (UG/L) (34653)	PARA- THON, DIS- SOLVED (UG/L) (39542)	PEB- ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PRO- METON, WATER, DISS, REC (UG/L) (04037)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROPA- CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO- PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PRO- PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)
MAR 07...	<.002	<.007	<.003	<.007	--	<.010	<.006	<.011	.055	<.004	<.010	<.011	<.023
APR 03...	<.002	<.007	<.003	<.007	<.020	<.010	<.006	<.011	E.015	<.004	<.010	<.011	<.023
MAY 02...	<.002	<.007	<.003	<.007	<.002	.016	<.006	<.011	.018	<.004	<.010	<.011	<.023
JUN 26...	<.002	<.007	<.003	<.007	<.002	<.010	<.006	<.011	.424	<.004	<.010	<.011	<.023
JUL 23...	<.002	<.007	<.003	<.007	<.002	<.010	<.006	<.011	.074	<.004	<.010	<.011	<.023
AUG 06...	<.002	<.007	<.003	<.007	<.002	<.010	<.006	<.011	.058	<.004	<.010	<.011	<.023
06...	.104	.126	.062	.137	.114	.118	.055	.081	.161	.123	.122	.121	.104
SEP 27...	<.002	<.007	<.003	<.007	<.002	<.010	<.006	<.011	E.010	<.004	<.010	<.011	<.023

UPPER MISSISSIPPI RIVER MAIN STEM--Continued

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WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	TEBU- THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TER- BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER- BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	SEDI- MENT, SUS- PENDE (MG/L) (80154)	DATA BASE NUMBER
MAR 07...	<.011	<.100	E.061	<.017	<.005	<.002	<.009	--	--	01
APR 03...	<.011	<.016	<.034	<.017	<.005	<.002	<.009	--	--	01
MAY 02...	<.011	E.011	<.034	<.017	<.005	<.002	<.009	78	25	01
JUN 26...	<.011	E.008	<.034	<.017	<.005	<.002	<.009	--	--	01
JUL 23...	<.011	<.020	<.034	<.017	<.005	<.002	<.009	--	--	01
AUG 06...	<.011	E.011	<.034	<.017	<.005	<.002	<.009	--	--	01
06...	.105	.138	E.107	.093	.118	.115	.082	--	--	77
SEP 27...	<.011	<.016	<.034	<.017	<.005	<.002	<.009	--	--	01