06934500 MISSOURI RIVER AT HERMANN, MO--Continued
(National stream-quality accounting network station)

WATER-QUALITY RECORDS

PERIOD OF RECORD.--July 1969 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: October 1974 to current year.
WATER TEMPERATURE: October 1974 to current year.
DISSOLVED OXYGEN: June 1984 to September 1984, April 1985 to September 1985, April 1986 to September 1986.

INSTRUMENTATION.--Water-quality monitor, June 1984 to September 1984, April 1985 to September 1985, April 1986 to September 1986.

REMARKS.--Water temperature and specific conductance samples collected daily by observer.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: (water years 1976 to current year): Maximum daily, 2,150 microsiemens per centimeter, Dec. 9, 1978; minimum daily, 205 microsiemens per centimeter, Apr. 16, 1979.
WATER TEMPERATURE: (water years 1976 to current year): Maximum daily, 32.5°C, July 31, 1987; minimum daily, 0.0°C on many days during winter period.

EXTREMES FOR 1995 WATER YEAR.--
SPECIFIC CONDUCTANCE: Maximum daily, 819 microsiemens, Sept. 11; minimum daily, 227 microsiemens, May 19.
WATER TEMPERATURE: Maximum daily, 30.0°C, Aug. 3, 11-16; minimum daily, 1.5°C, Feb. 8.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum daily, 868 microsiemens, Nov. 5; minimum daily, 260 microsiemens, Apr. 29.
WATER TEMPERATURE: Maximum daily, 30.0°C, July 6; minimum daily, 0.0°C, Dec. 25, 28, Jan. 7, 8, and Feb. 4.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	TIME	TEMPER-ATURE WATER (DEG C) (00010)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (µS/cm) (00095)	OXYGEN, DIS-SOLVED (mg/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TUR-BID-ITY (NTU) (00076)	COLI-FORM, FECAL, 0.7 µm-MF (COLS./ 100 mL) (31625)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 mL) (31673)	ALKA-LINITY WAT DIS FIX END FIELD $CaCO_3$ (mg/L) (39036)	ALKA-LINITY WAT DIS TOT IT FIELD (mg/L as $CaCO_3$) (39086)
NOV												
08...	1300	7.5	109000	773	11.5	93	8.0	26	310	150	210	220
30...	1100	4.5	75600	850	13.2	100	8.0	1.6	370	46	190	190
DEC												
14...	1115	1.5	57300	858	13.6	99	8.0	26	270	170	380	398
FEB												
14...	1152	3.5	64400	721	11.6	87	8.1	130	750	LA	160	160
22...	1130	4.5	53400	670	11.5	87	7.8	38	210	520	170	163
MAR												
15...	1230	5.5	46000	700	12.2	97	7.8	27	160	33	184	180
29...	1145	6.0	67600	671	11.8	93	7.8	44	540	520	180	183
APR												
11...	1055	9.5	67300	670	10.8	93	7.8	51	350	110	160	196
19...	1050	13.0	66800	720	10.1	95	7.7	26	200	K29	170	169
MAY												
09...	1210	16.0	246000	301	7.5	76	7.8	180	7400	3800	100	105
21...	1150	20.0	142000	497	9.0	100	8.1	230	1200	660	130	135
JUN												
07...	1145	20.5	241000	380	7.1	79	7.6	--	1600	K1400	120	125
26...	1335	26.5	178000	698	6.1	74	7.4	270	1000	290	160	163
JUL												
15...	1215	25.5	100000	734	6.5	80	8.0	64	320	62	170	176
AUG												
08...	1300	27.5	101000	733	7.0	89	7.7	52	400	K23	160	164

K--Results based on colony count outside the acceptable range (non-ideal colony count).
LA--Laboratory accident.

06934500 MISSOURI RIVER AT HERMANN, MO--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	CARBONATE WATER DIS IT FIELD (mg/L as CO_3) (00452)	BICARBONATE WATER DIS IT FIELD (mg/L as HCO_3) (00453)	NITROGEN, TOTAL (mg/L as N) (00600)	NITROGEN DISSOLVED (mg/L as N) (00602)	NITROGEN, ORGANIC TOTAL (mg/L as N) (00605)	NITROGEN, ORGANIC DISSOLVED (mg/L as N) (00607)	NITROGEN, AMMONIA DISSOLVED (mg/L as N) (00608)	NITROGEN, NITRITE DISSOLVED (mg/L as N) (00613)	NITROGEN, NITRATE DISSOLVED (mg/L as N) (00618)	NITROGEN, NITRATE TOTAL (mg/L as N) (00620)	NITROGEN, AMMONIA + ORGANIC DIS. (mg/L as N) (00623)
NOV											
08...	0	269	1.5	1.4	0.40	--	<0.015	0.010	1.09	1.09	0.30
30...	0	232	1.5	1.4	0.38	0.28	0.020	<0.010	--	1.10	0.30
DEC											
14...	0	486	1.7	1.5	0.46	0.26	0.040	<0.010	--	1.20	0.30
FEB											
14...	0	196	2.7	2.0	1.2	0.50	0.100	0.030	1.37	1.37	0.60
22...	0	199	2.8	2.6	0.70	0.50	0.200	0.050	1.85	1.85	0.70
MAR											
15...	0	225	2.1	1.9	0.53	0.33	0.070	0.020	1.48	1.48	0.40
29...	0	224	1.5	1.2	0.58	0.28	0.020	0.010	0.910	0.910	0.30
APR											
11...	0	161	2.8	2.4	0.56	0.16	0.340	0.040	1.86	1.86	0.50
19...	0	206	1.9	1.5	0.70	--	<0.015	0.020	1.18	1.18	0.30
MAY											
09...	0	128	2.4	1.6	1.2	0.41	0.090	0.030	1.07	1.07	0.50
21...	0	165	2.5	1.3	1.6	--	<0.015	0.090	0.800	0.800	0.40
JUN											
07...	0	152	2.8	2.0	1.2	0.37	0.030	0.020	1.58	1.58	0.40
26...	0	199	3.9	2.1	2.2	0.38	0.020	<0.010	--	1.70	0.40
JUL											
15...	0	214	2.1	2.0	0.36	0.26	0.040	0.010	1.69	1.69	0.30
AUG											
08...	0	200	1.7	1.1	0.77	0.17	0.030	0.020	0.910	0.910	0.20

DATE	NITROGEN, AMMONIA + ORGANIC TOTAL (mg/L as N) (00625)	NITROGEN, NO_2+NO_3 TOTAL (mg/L as N) (00630)	NITROGEN, NO_2+NO_3 DISSOLVED (mg/L as N) (00631)	PHOSPHATE, ORTHO, DISSOLVED (mg/L as PO_4) (00660)	PHOSPHORUS TOTAL (mg/L as P) (00665)	PHOSPHORUS DISSOLVED (mg/L as P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (mg/L as P) (00671)	CARBON, ORGANIC DISSOLVED (mg/L as C) (00681)	CARBON, ORGANIC SUSPENDED TOTAL (mg/L as C) (00689)	HARDNESS TOTAL (mg/L as $CaCO_3$) (00900)	HARDNESS NONCARB DISSOLV FLD. as $CaCO_3$ (mg/L) (00904)
NOV											
08...	0.40	1.10	1.10	0.18	0.130	0.080	0.060	3.6	0.90	250	28
30...	0.40	1.10	1.10	0.18	0.120	0.060	0.060	3.3	1.2	260	72
DEC											
14...	0.50	1.20	1.20	0.15	0.120	0.050	0.050	3.2	0.30	260	0
FEB											
14...	1.3	1.40	1.40	0.21	0.410	0.060	0.068	4.7	2.1	230	66
22...	0.90	1.90	1.90	0.34	0.220	0.120	0.110	4.5	1.1	220	61
MAR											
15...	0.60	1.50	1.50	0.23	0.140	0.100	0.075	4.1	1.6	260	72
29...	0.60	0.920	0.920	0.24	0.100	0.080	0.078	3.9	1.8	230	44
APR											
11...	0.90	1.90	1.90	0.37	0.090	0.100	0.120	4.6	2.6	220	89
19...	0.70	1.20	1.20	0.16	0.160	0.080	0.052	4.0	1.4	240	73
MAY											
09...	1.3	1.10	1.10	0.16	0.370	0.070	0.051	6.0	10	140	30
21...	1.6	0.890	0.890	0.21	0.350	0.080	0.067	4.3	94	190	52
JUN											
07...	1.2	1.60	1.60	0.24	0.390	0.060	0.078	4.8	5.8	--	--
26...	2.2	1.70	1.70	0.40	0.880	0.080	0.130	4.2	1.4	240	72
JUL											
15...	0.40	1.70	1.70	0.37	0.120	0.090	0.120	3.6	2.7	250	76
AUG											
08...	0.80	0.930	0.930	0.25	0.240	0.060	0.082	3.3	1.0	230	62

06934500 MISSOURI RIVER AT HERMANN, MO--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	HARD-NESS NONCARB DISSOLV LAB as $CaCO_3$ (mg/L) (00905)	CALCIUM DIS-SOLVED (mg/L as Ca) (00915)	MAGNE-SIUM, DIS-SOLVED (mg/L as Mg) (00925)	SODIUM, DIS-SOLVED (mg/L as Na) (00930)	SODIUM AD-SORP-TION RATIO (00931)	SODIUM PERCENT (00932)	POTAS-SIUM, DIS-SOLVED (mg/L as K) (00935)	CHLO-RIDE, DIS-SOLVED (mg/L as Cl) (00940)	SULFATE DIS-SOLVED (mg/L as SO_4) (00945)	FLUO-RIDE, DIS-SOLVED (mg/L as F) (00950)	SILICA, DIS-SOLVED (mg/L as SiO_2) (00955)
NOV											
08...	--	63	22	64	2	35	5.9	21	190	0.40	9.7
30...	--	67	23	65	2	34	6.1	21	200	0.40	11
DEC											
14...	--	67	23	65	2	34	5.8	25	120	0.30	11
FEB											
14...	50	61	18	52	2	32	6.8	25	140	0.30	13
22...	53	60	18	50	1	32	7.6	22	140	0.40	14
MAR											
15...	73	68	21	52	1	30	6.7	23	140	0.40	15
29...	55	58	20	50	1	32	5.9	20	150	0.40	12
APR											
11...	55	57	19	50	1	32	6.6	19	150	0.40	12
19...	66	62	21	61	2	35	6.4	20	170	0.40	11
MAY											
09...	30	36	11	24	0.9	27	4.4	10	70	0.30	6.9
21...	45	50	15	28	0.9	24	5.4	12	85	0.30	8.4
JUN											
07...	--	--	--	--	--	--	--	--	--	--	--
26...	69	61	20	48	1	30	6.9	17	150	0.40	10
JUL											
15...	77	66	21	51	1	30	6.5	17	160	0.50	10
AUG											
08...	57	59	19	57	2	35	6.3	17	170	0.40	8.6

DATE	MOLYB-DENUM, DIS-SOLVED (mg/L as Mo) (01060)	NICKEL, DIS-SOLVED (mg/L as Ni) (01065)	SILVER, DIS-SOLVED (mg/L as Ag) (01075)	STRON-TIUM, DIS-SOLVED (mg/L as Sr) (01080)	VANA-DIUM, DIS-SOLVED (mg/L as V) (01085)	ZINC, DIS-SOLVED (mg/L as Zn) (01090)	ANTI-MONY, DIS-SOLVED (mg/L as Sb) (01095)	ALUM-INUM, DIS-SOLVED (mg/L as Al) (01106)	LITHIUM DIS-SOLVED (mg/L as Li) (01130)	SELE-NIUM, DIS-SOLVED (mg/L as Se) (01145)	PROP-CHLOR, WATER, DISS, REC (mg/L) (04024)
NOV											
08...	<10	1.0	<1.0	510	<6	4.0	--	<10	41	2	<0.007
30...	<10	2.0	<1.0	530	<6	<3.0	--	<10	43	2	<0.007
DEC											
14...	<10	2.0	<1.0	540	<6	<3.0	--	<10	39	2	<0.007
FEB											
14...	3.0	3.0	<1.0	460	<6	2.0	<1.0	11	32	2	<0.007
22...	4.0	3.0	<1.0	450	<6	4.0	<1.0	2.0	32	2	<0.007
MAR											
15...	3.0	3.0	<1.0	460	<6	2.0	<1.0	7.0	30	2	<0.007
29...	3.0	3.0	<1.0	400	<6	<1.0	<1.0	1.0	31	2	<0.007
APR											
11...	3.0	3.0	<1.0	420	<6	2.0	<1.0	6.0	33	2	<0.007
19...	3.0	3.0	<1.0	480	<6	2.0	<1.0	2.0	38	2	<0.007
MAY											
09...	2.0	3.0	<1.0	210	<6	<1.0	<1.0	3.0	13	<1	E0.002
21...	2.0	3.0	<1.0	290	<6	<1.0	<1.0	11	14	2	<0.007
JUN											
07...	--	--	--	--	--	--	--	--	--	--	E0.004
26...	4.0	3.0	<1.0	440	6	<1.0	<1.0	7.0	32	2	<0.007
JUL											
15...	4.0	3.0	<1.0	430	<6	<1.0	<1.0	4.0	32	2	<0.007
AUG											
08...	4.0	3.0	<1.0	440	<6	1.0	<1.0	6.0	38	2	<0.007

E--Laboratory estimated value.

06934500 MISSOURI RIVER AT HERMANN, MO--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	BUTYL-ATE, WATER, DISS, REC (µg/L) (04028)	SI-MAZINE, WATER, DISS, REC (µg/L) (04035)	PRO-METON, WATER, DISS, REC (µg/L) (04037)	DEETHYL ATRA-ZINE, WATER, DISS, REC (µg/L) (04040)	CYANA-ZINE, WATER, DISS, REC (µg/L) (04041)	FONOFOS WATER DISS REC (µg/L) (04095)	URANIUM NATURAL DIS-SOLVED (mg/L as U) (22703)	ALPHA BHC DIS-SOLVED (µg/L) (34253)	P,P' DDE DISSOLV (µg/L) (34653)	CHLOR-PYRIFOS DIS-SOLVED (µg/L) (38933)	LINDANE DIS-SOLVED (µg/L) (39341)
NOV											
08...	<0.002	<0.005	E0.007	E0.005	0.010	<0.003	--	<0.002	<0.006	<0.004	<0.004
30...	<0.002	<0.005	<0.018	E0.014	0.023	<0.003	--	<0.002	<0.006	<0.004	<0.004
DEC											
14...	<0.002	<0.005	E0.007	E0.022	0.020	<0.003	--	<0.002	<0.006	<0.004	<0.004
FEB											
14...	<0.002	<0.005	E0.007	E0.021	0.057	<0.003	4.0	<0.002	<0.006	<0.004	<0.004
22...	<0.002	<0.005	E0.007	E0.005	0.021	<0.003	4.0	<0.002	<0.006	<0.004	<0.004
MAR											
15...	<0.002	<0.005	<0.018	E0.021	0.023	<0.003	5.0	<0.002	<0.006	--	<0.004
29...	<0.002	<0.005	E0.005	E0.012	0.013	<0.003	5.0	<0.002	<0.006	<0.004	<0.004
APR											
11...	<0.002	0.005	E0.005	E0.014	0.025	<0.003	4.0	<0.002	<0.006	<0.004	<0.004
19...	<0.002	<0.005	E0.006	E0.012	0.016	<0.003	5.0	<0.002	<0.006	<0.004	<0.004
MAY											
09...	0.013	0.031	E0.008	E0.083	1.00	<0.003	2.0	<0.002	<0.006	0.034	<0.004
21...	<0.002	0.043	E0.011	E0.110	1.50	<0.003	3.0	<0.002	<0.006	0.046	<0.004
JUN											
07...	<0.002	0.044	E0.013	E0.180	1.00	<0.003	--	<0.002	<0.006	0.036	<0.004
26...	<0.002	0.041	E0.011	E0.088	0.420	<0.003	4.0	<0.002	<0.006	<0.004	<0.004
JUL											
15...	<0.002	0.009	E0.015	E0.092	0.150	<0.003	4.0	<0.002	<0.006	<0.004	<0.004
AUG											
08...	<0.002	<0.005	<0.018	E0.068	0.101	<0.003	5.0	<0.002	<0.006	<0.004	<0.004

DATE	DI-ELDRIN DIS-SOLVED (µg/L) (39381)	METO-LACHLOR WATER DISSOLV (µg/L) (39415)	MALA-THION, DIS-SOLVED (µg/L) (39532)	PARA-THION, DIS-SOLVED (µg/L) (39542)	DI-AZINON, DIS-SOLVED (µg/L) (39572)	ATRA-ZINE, WATER, DISS, REC (µg/L) (39632)	ALA-CHLOR, WATER, DISS, REC, (µg/L) (46342)	ACETO-CHLOR, WATER FLTRD REC (µg/L) (49260)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (mg/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (mg/L) (70301)	SOLIDS, DIS-SOLVED (TONS PER DAY) (70302)
NOV											
08...	<0.001	0.043	<0.005	<0.004	<0.002	0.070	0.005	<0.002	515	514	152000
30...	<0.001	0.054	<0.005	<0.004	<0.002	0.095	0.008	<0.002	524	513	107000
DEC											
14...	<0.001	0.150	<0.005	<0.004	<0.002	0.170	0.018	0.033	507	562	78400
FEB											
14...	<0.001	0.066	<0.005	<0.004	0.005	0.150	<0.008	0.043	441	420	76700
22...	<0.001	0.210	<0.005	<0.004	0.006	0.200	0.006	0.051	445	420	64200
MAR											
15...	<0.001	0.200	<0.005	<0.004	0.016	0.156	<0.009	0.013	458	444	56900
29...	<0.001	0.075	<0.005	<0.004	<0.002	0.089	<0.002	0.016	446	431	81400
APR											
11...	<0.001	0.280	<0.005	<0.004	<0.002	0.130	<0.002	0.016	404	403	73400
19...	<0.001	0.120	<0.005	<0.004	<0.002	0.100	<0.002	0.008	467	459	84200
MAY											
09...	<0.001	1.60	<0.005	<0.004	<0.002	4.70	0.059	0.250	239	231	159000
21...	<0.001	1.50	<0.005	<0.004	<0.002	4.50	0.098	0.270	296	290	113000
JUN											
07...	<0.001	1.60	<0.005	<0.004	<0.002	4.50	0.140	0.180	--	--	--
26...	<0.001	0.840	<0.005	<0.004	<0.002	1.70	0.130	0.081	424	420	204000
JUL											
15...	<0.001	0.750	<0.005	<0.004	<0.002	0.760	0.130	0.052	466	446	126000
AUG											
08...	<0.001	0.234	<0.005	<0.004	<0.002	0.513	0.021	0.014	455	441	124000

E--Laboratory estimated value.

06934500 MISSOURI RIVER AT HERMANN, MO--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	SED. SUSP. SIEVE DIAM. % FINER THAN .062 mm (70331)	NITRO-GEN, AMMONIA DIS-SOLVED (mg/L as NH_4) (71846)	NITRO-GEN, NITRATE DIS-SOLVED (mg/L as NO_3) (71851)	NITRO-GEN, NITRITE DIS-SOLVED (mg/L as NO_2) (71856)	SEDI-MENT, SUS-PENDED (mg/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)	METRI-BUZIN SENCOR WATER DISSOLV (µg/L) (82630)	2,6-DI-ETHYL ANILINE WAT FLT 0.7 µ GF, REC (µg/L) (82660)	TRI-FLUR-ALIN WAT FLT 0.7 µ GF, REC (µg/L) (82661)	ETHAL-FLUR-ALIN WAT FLT 0.7 µ GF, REC (µg/L) (82663)	PHORATE WATER FLTRD 0.7 µ GF, REC (µg/L) (82664)
NOV											
08...	55	--	4.8	0.03	237	69700	<0.004	<0.003	<0.002	<0.004	<0.002
30...	53	0.03	--	--	196	40000	<0.004	<0.003	<0.002	<0.004	<0.002
DEC											
14...	63	0.05	--	--	251	38900	<0.004	<0.003	<0.002	<0.004	<0.002
FEB											
14...	90	0.13	6.1	0.10	403	70100	0.009	<0.003	<0.002	<0.004	<0.002
22...	76	0.26	8.2	0.16	180	26000	<0.004	<0.003	<0.002	<0.004	<0.002
MAR											
15...	50	0.09	6.6	0.07	428	53200	<0.004	<0.003	<0.002	<0.004	<0.002
29...	90	0.03	4.0	0.03	187	34100	<0.004	<0.003	<0.002	<0.004	<0.002
APR											
11...	86	0.44	8.2	0.13	274	49800	<0.004	<0.003	<0.002	<0.004	<0.002
19...	51	--	5.2	0.07	210	34100	<0.004	<0.003	<0.002	<0.004	<0.002
MAY											
09...	71	0.12	4.7	0.10	2040	1350000	0.028	<0.003	0.004	<0.004	<0.002
21...	88	--	3.5	0.30	1180	452000	0.028	<0.003	E0.006	<0.004	<0.002
JUN											
07...	76	0.04	7.0	0.07	1670	1090000	0.039	<0.003	E0.006	<0.004	<0.002
26...	80	0.03	--	--	1320	634000	0.035	<0.003	<0.002	<0.004	<0.002
JUL											
15...	84	0.05	7.5	0.03	333	89900	0.019	<0.003	<0.002	<0.004	<0.002
AUG											
08...	79	0.04	4.0	0.07	317	86400	<0.004	<0.003	<0.002	<0.004	<0.002

DATE	TER-BACIL WATER FLTRD 0.7 µ GF, REC (µg/L) (82665)	METHYL PARA-THION WAT FLT 0.7 µ GF, REC (µg/L) (82667)	EPTC WATER FLTRD 0.7 µ GF, REC (µg/L) (82668)	PEB-ULATE WATER FILTRD 0.7 µ GF, REC (µg/L) (82669)	TEBU-THIURON WATER FLTRD 0.7 µ GF, REC (µg/L) (82670)	MOL-INATE WATER FLTRD 0.7 µ GF, REC (µg/L) (82671)	ETHO-PROP WATER FLTRD 0.7 µ GF, REC (µg/L) (82672)	BEN-FLUR-ALIN WAT FLD 0.7 µ GF, REC (µg/L) (82673)	CARBO-FURAN WATER FLTRD 0.7 µ GF, REC (µg/L) (82674)	TER-BUFOS WATER FLTRD 0.7 µ GF, REC (µg/L) (82675)	PRON-AMIDE WATER FLTRD 0.7 µ GF, REC (µg/L) (82676)
NOV											
08...	<0.007	<0.006	<0.002	<0.004	<0.010	<0.004	<0.003	<0.002	<0.003	<0.013	<0.003
30...	<0.007	<0.006	<0.002	<0.004	<0.010	<0.004	<0.003	<0.002	<0.003	<0.013	<0.003
DEC											
14...	<0.007	<0.006	<0.002	<0.004	<0.010	<0.004	<0.003	<0.002	<0.003	<0.013	<0.003
FEB											
14...	<0.007	<0.006	<0.002	<0.004	E0.007	<0.004	<0.003	<0.002	<0.003	<0.013	<0.003
22...	<0.007	<0.006	E0.002	<0.004	<0.010	<0.004	<0.003	<0.002	<0.003	<0.013	<0.003
MAR											
15...	<0.007	<0.006	<0.002	<0.004	<0.010	<0.004	<0.003	<0.002	<0.003	<0.013	<0.003
29...	<0.007	<0.006	<0.002	<0.004	<0.010	<0.004	<0.003	<0.002	<0.003	<0.013	<0.003
APR											
11...	<0.007	<0.006	<0.002	<0.004	<0.010	<0.004	<0.003	<0.002	<0.003	<0.013	<0.003
19...	<0.007	<0.006	0.005	<0.004	<0.010	<0.004	<0.003	<0.002	<0.003	<0.013	<0.003
MAY											
09...	<0.007	<0.006	0.006	<0.004	<0.010	<0.004	<0.003	<0.002	<0.003	<0.013	<0.003
21...	<0.007	<0.006	E0.003	<0.004	<0.010	<0.004	<0.003	<0.002	<0.003	<0.013	<0.003
JUN											
07...	<0.007	<0.006	<0.002	<0.004	<0.010	<0.004	<0.003	<0.002	<0.003	<0.013	<0.003
26...	<0.007	<0.006	<0.002	<0.004	<0.010	<0.004	<0.003	<0.002	<0.003	<0.013	<0.003
JUL											
15...	<0.007	<0.006	<0.002	<0.004	<0.010	<0.004	<0.003	<0.002	<0.003	<0.013	<0.003
AUG											
08...	<0.007	<0.006	<0.002	<0.004	<0.010	<0.004	<0.003	<0.002	<0.003	<0.013	<0.003

E--Laboratory estimated value.

06934500 MISSOURI RIVER AT HERMANN, MO--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	DISUL-FOTON WATER FLTRD 0.7 µ GF, REC (µg/L) (82677)	TRIAL-LATE WATER FLTRD 0.7 µ GF, REC (µg/L) (82678)	PRO-PANIL WATER FLTRD 0.7 µ GF, REC (µg/L) (82679)	CAR-BARYL WATER FLTRD 0.7 µ GF, REC (µg/L) (82680)	THIO-BENCARB WATER FLTRD 0.7 µ GF, REC (µg/L) (82681)	DCPA WATER FLTRD 0.7 µ GF, REC (µg/L) (82682)	PENDI-METH-ALIN WAT FLT 0.7 µ GF, REC (µg/L) (82683)	NAPROP-AMIDE WATER FLTRD 0.7 µ GF, REC (µg/L) (82684)	PRO-PARGITE WATER FLTRD 0.7 µ GF, REC (µg/L) (82685)	METHYL AZIN-PHOS WAT FLT 0.7 µ GF, REC (µg/L) (82686)	PER-METHRIN CIS WAT FLT 0.7 µ GF, REC (µg/L) (82687)
NOV											
08...	<0.017	<0.001	<0.004	<0.003	<0.002	<0.002	<0.004	<0.003	<0.013	<0.001	<0.005
30...	<0.017	<0.001	<0.004	<0.003	<0.002	<0.002	<0.004	<0.003	<0.013	<0.001	<0.005
DEC											
14...	<0.017	<0.001	<0.004	<0.003	<0.002	<0.002	<0.004	<0.003	<0.013	<0.001	<0.005
FEB											
14...	<0.017	<0.001	<0.004	<0.003	<0.002	<0.002	<0.004	<0.003	<0.013	--	<0.005
22...	<0.017	<0.001	<0.004	<0.003	<0.002	<0.002	<0.004	<0.003	<0.013	<0.001	<0.005
MAR											
15...	E0.013	<0.001	<0.004	<0.003	<0.002	<0.002	<0.004	<0.003	<0.013	--	<0.005
29...	<0.017	<0.001	<0.004	<0.003	<0.002	<0.002	<0.004	<0.003	<0.013	<0.001	<0.005
APR											
11...	<0.017	<0.001	<0.004	<0.003	<0.002	<0.002	<0.004	<0.003	<0.013	<0.001	<0.005
19...	<0.017	<0.001	<0.004	<0.003	<0.002	<0.002	<0.004	<0.003	<0.013	<0.001	<0.005
MAY											
09...	<0.017	<0.001	<0.004	<0.003	<0.002	<0.002	<0.004	<0.003	<0.013	<0.001	<0.005
21...	<0.017	<0.001	<0.004	<0.003	<0.002	<0.002	<0.004	<0.003	<0.013	<0.001	<0.005
JUN											
07...	<0.017	<0.001	<0.004	<0.003	<0.002	E0.001	<0.004	<0.003	<0.013	<0.001	<0.005
26...	<0.017	<0.001	<0.004	<0.003	<0.002	<0.002	<0.004	<0.003	<0.013	<0.001	<0.005
JUL											
15...	<0.017	<0.001	<0.004	<0.003	<0.002	<0.002	<0.004	<0.003	<0.013	<0.001	<0.005
AUG											
08...	<0.017	<0.001	<0.004	<0.003	<0.002	<0.002	<0.004	<0.003	<0.013	<0.001	<0.005

E--Laboratory estimated value.

06934500 MISSOURI RIVER AT HERMANN, MO--Continued

SPECIFIC CONDUCTANCE, µS/cm @ 25 DEGREES CENTIGRADE, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
OBSERVATION AT 12:00

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	367	521	534	371	329	448	503	712
2	---	---	---	---	347	491	571	317	348	444	508	710
3	---	---	---	---	349	429	599	317	371	445	515	746
4	---	---	---	---	345	413	601	304	375	458	471	780
5	---	---	---	---	354	444	616	337	381	464	459	790
6	---	---	---	---	374	495	627	334	398	475	415	790
7	---	---	---	---	420	470	627	392	417	456	377	775
8	---	---	---	---	439	430	651	470	425	473	392	761
9	---	---	---	---	428	414	663	418	418	406	498	763
10	---	---	---	---	461	385	599	405	396	384	543	798
11	---	---	---	---	477	363	586	411	390	405	526	819
12	---	---	---	---	546	420	474	431	384	406	521	816
13	---	---	---	---	763	513	449	447	375	398	524	816
14	---	---	---	---	743	521	471	391	389	464	637	806
15	---	---	---	---	514	553	436	414	426	466	608	812
16	---	---	---	---	437	595	526	421	444	477	605	803
17	---	---	---	---	446	653	487	384	450	468	623	809
18	---	---	---	332	443	695	484	281	450	457	587	811
19	---	---	---	362	514	648	444	227	461	475	587	809
20	---	---	---	389	601	570	384	247	465	470	639	792
21	---	---	---	403	623	537	390	285	483	471	639	799
22	---	---	---	385	657	618	399	305	471	498	668	797
23	---	---	---	470	641	564	428	329	477	503	708	815
24	---	---	---	484	625	573	468	351	480	477	707	810
25	---	---	---	417	663	539	444	360	480	471	736	790
26	---	---	---	451	653	558	447	361	481	465	757	784
27	---	---	---	460	659	541	429	364	478	480	727	748
28	---	---	---	386	651	564	443	334	455	492	810	743
29	---	---	---	382	---	548	450	317	450	482	796	745
30	---	---	---	361	---	685	415	326	450	485	797	763
31	---	---	---	404	---	557	---	332	---	496	760	---

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
OBSERVATION AT 12:00

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	6.0	6.5	11.0	13.0	20.0	23.0	28.0	27.0
2	---	---	---	---	5.0	6.0	12.0	13.0	21.0	24.0	22.0	26.0
3	---	---	---	---	4.0	7.0	14.0	13.0	21.0	24.0	30.0	26.5
4	---	---	---	---	4.0	5.5	12.5	13.0	21.5	25.0	28.0	27.0
5	---	---	---	---	3.0	8.0	11.0	14.0	23.0	25.5	28.0	26.0
6	---	---	---	---	2.0	7.5	17.0	14.0	22.5	24.5	28.0	26.0
7	---	---	---	---	2.0	6.0	17.5	15.0	23.0	25.5	27.0	24.5
8	---	---	---	---	1.5	5.0	16.0	16.0	23.0	25.0	28.0	24.0
9	---	---	---	---	5.5	5.0	15.0	17.0	24.0	25.0	29.0	23.0
10	---	---	---	---	6.0	9.0	15.5	16.5	23.0	26.0	29.0	22.0
11	---	---	---	---	6.0	9.0	13.0	17.5	21.5	27.0	30.0	23.0
12	---	---	---	---	2.0	14.0	13.0	17.0	22.0	27.0	30.0	23.0
13	---	---	---	---	3.5	17.0	13.0	19.0	22.0	28.0	30.0	23.0
14	---	---	---	---	3.0	12.0	13.0	19.0	22.5	27.0	30.0	23.5
15	---	---	---	---	3.0	15.0	13.5	18.0	23.0	27.5	30.0	24.0
16	---	---	---	---	2.5	13.0	14.0	22.0	24.0	29.0	30.0	23.0
17	---	---	---	---	6.0	13.5	14.0	19.0	23.5	29.0	29.0	22.0
18	---	---	---	5.0	5.0	13.0	13.5	18.0	24.0	28.5	29.0	21.0
19	---	---	---	4.0	8.0	14.5	16.0	18.0	24.0	28.0	29.0	21.0
20	---	---	---	2.0	6.0	15.5	15.0	19.5	25.0	28.0	28.0	20.0
21	---	---	---	3.0	7.0	17.0	14.0	19.5	26.5	28.0	28.0	18.0
22	---	---	---	3.0	9.5	14.0	16.0	21.0	26.0	27.5	27.0	19.0
23	---	---	---	2.0	9.0	13.0	14.0	22.0	26.0	28.0	27.0	18.0
24	---	---	---	2.0	7.0	13.0	15.0	20.0	25.5	27.0	27.0	17.0
25	---	---	---	2.0	10.0	14.0	14.0	19.5	25.0	28.0	27.5	17.5
26	---	---	---	3.0	10.0	15.0	17.0	19.0	25.0	28.0	27.0	18.0
27	---	---	---	3.5	9.0	14.5	14.0	19.0	25.0	29.0	28.0	17.5
28	---	---	---	3.0	7.0	12.0	15.5	18.0	25.0	29.0	27.0	19.0
29	---	---	---	2.0	---	13.0	14.0	19.0	25.0	29.0	28.0	20.0
30	---	---	---	2.5	---	11.0	13.5	19.0	25.0	29.0	27.0	19.0
31	---	---	---	3.0	---	10.0	---	19.5	---	29.0	28.0	---

06934500 MISSOURI RIVER AT HERMANN, MO--Continued

SPECIFIC CONDUCTANCE, µS/cm @ 25 DEGREES CENTIGRADE, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
OBSERVATION AT 12:00

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	757	723	796	641	630	617	538	381	354	546	622	---
2	756	796	811	638	665	613	544	292	368	540	628	---
3	761	839	799	841	712	655	547	379	388	581	653	---
4	733	802	805	819	575	628	---	457	380	592	655	---
5	735	868	810	825	622	601	621	210	376	640	654	---
6	762	774	804	775	631	630	643	319	453	672	658	---
7	768	772	791	787	572	607	648	---	441	645	548	---
8	768	784	790	812	651	522	664	342	447	641	547	---
9	778	793	805	616	759	522	661	383	403	585	546	---
10	782	785	798	582	758	623	663	377	408	558	549	---
11	780	805	799	750	636	625	656	391	383	553	547	---
12	775	774	792	708	766	780	663	380	406	---	547	---
13	766	816	794	654	764	658	456	380	452	548	573	---
14	763	790	771	667	692	677	385	359	383	691	575	---
15	761	816	841	767	701	688	---	342	554	---	577	---
16	748	805	782	672	650	710	451	343	620	720	575	---
17	799	812	808	803	590	730	385	332	555	678	576	---
18	782	805	813	702	593	765	420	384	597	637	575	---
19	792	782	787	654	603	780	---	---	591	650	576	---
20	778	832	755	595	653	728	448	386	500	662	578	---
21	794	816	749	548	654	718	---	425	582	709	578	---
22	779	796	779	555	674	717	488	451	582	408	579	---
23	810	816	754	590	681	728	---	455	577	402	605	---
24	807	814	857	570	694	650	400	387	578	374	607	---
25	827	823	807	476	700	630	385	379	581	442	606	---
26	822	811	811	661	704	683	---	378	580	447	547	---
27	825	790	790	575	697	644	476	490	583	442	548	---
28	811	794	801	626	679	643	415	388	584	638	558	---
29	832	808	778	686	664	658	260	371	584	585	546	---
30	825	803	793	748	---	590	449	415	581	611	557	---
31	823	---	790	741	---	656	---	356	---	617	570	---

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
OBSERVATION AT 12:00

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	19.0	13.0	5.5	3.0	3.0	5.0	10.0	14.0	19.0	29.0	26.0	---
2	19.5	10.0	6.5	2.0	2.0	4.5	9.0	14.0	20.0	28.0	26.0	---
3	18.0	8.5	5.0	1.0	1.0	4.0	10.0	15.5	18.0	27.0	25.0	---
4	19.0	8.0	5.0	1.0	.0	4.0	10.0	17.0	19.0	28.0	26.0	---
5	19.0	7.0	4.0	1.0	1.0	5.0	9.0	15.0	20.0	28.0	26.0	---
6	18.0	9.0	4.0	1.0	2.0	3.0	8.5	15.5	20.0	30.0	27.0	---
7	17.0	6.5	4.0	.0	1.0	2.5	8.5	16.0	19.5	29.0	27.0	---
8	18.0	8.5	3.0	.0	2.0	4.0	9.0	17.0	20.0	27.0	26.0	---
9	18.0	8.0	2.0	1.0	2.0	3.0	10.5	18.0	20.0	26.0	27.0	---
10	17.0	8.0	3.0	1.0	3.0	5.0	11.0	17.0	20.0	24.0	27.5	---
11	19.0	8.0	2.0	1.0	3.0	5.0	12.0	17.0	21.0	25.0	26.0	---
12	18.0	7.0	2.0	1.0	3.0	4.5	13.0	17.5	20.0	25.0	25.5	---
13	18.0	7.0	2.0	1.0	3.0	6.0	11.0	18.0	20.0	25.0	26.0	---
14	16.0	6.0	2.0	2.0	4.0	6.0	15.0	16.0	23.0	24.0	27.0	---
15	15.0	6.0	1.5	2.0	3.0	7.0	12.5	16.0	25.0	26.0	28.0	---
16	19.0	7.0	2.0	2.0	3.0	8.0	12.0	17.0	24.0	27.0	27.0	---
17	17.0	6.0	2.5	2.0	3.0	7.5	12.5	16.0	25.0	27.0	27.0	---
18	18.0	6.0	2.0	1.0	2.5	8.0	13.0	16.0	23.0	27.0	26.0	---
19	17.0	6.0	2.0	1.0	3.0	6.5	13.5	17.0	21.0	29.0	26.0	---
20	14.0	6.0	2.0	1.0	4.0	7.0	15.0	16.5	25.0	27.0	27.0	---
21	14.5	5.0	2.0	2.0	5.0	7.0	16.0	18.0	28.0	27.0	28.0	---
22	16.0	6.0	1.0	3.0	5.5	8.0	15.0	18.0	27.0	26.0	27.0	---
23	14.0	6.0	2.0	3.0	6.0	7.5	15.0	21.0	26.0	26.0	26.0	---
24	13.0	4.0	1.0	1.0	6.0	9.0	15.0	20.0	24.0	26.0	27.0	---
25	14.0	6.0	.0	2.0	7.0	9.5	15.0	21.0	25.0	26.0	27.0	---
26	14.0	8.0	2.0	2.0	8.0	9.0	14.5	20.0	25.0	26.0	26.0	---
27	14.0	5.0	2.0	1.0	6.0	10.0	14.0	20.0	25.5	25.0	26.0	---
28	12.0	5.0	.0	1.0	6.0	10.0	14.0	20.0	27.0	27.0	24.0	---
29	14.0	5.0	2.0	1.0	5.5	9.5	15.0	21.0	25.0	27.0	23.0	---
30	13.0	5.0	2.0	1.0	---	10.0	15.5	21.0	24.0	27.0	22.0	---
31	13.0	---	2.0	1.0	---	10.0	---	19.0	---	27.0	22.0	---