

06818000 MISSOURI RIVER AT ST. JOSEPH, MO--Continued  
(Ambient water-quality monitoring network)

## WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1969 to July 1992, November 1992 to current year.

## PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: May 1984 to December 1984, July 1985 through September 1985, April 1986 to September 1986.

DISSOLVED OXYGEN: May 1984 to November 1984, July 1985 through September 1985, April 1986 to September 1986.

INSTRUMENTATION.--Water-quality monitor, May 1984 to December 1984, July 1985 to September 1985, April 1986 to September 1986.

REMARKS.--Discontinued as national stream-quality accounting network station, September 1986. Ambient water-quality monitoring network station since November 1992.

## WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-	SPE-	PH				OXYGEN,	COLI-	STREP-	HARD-	CALCIUM
		CHARGE, INST. CUBIC FEET	SPECIFIC DUCT- PER SECOND	WATER WHOLE FIELD (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)	(PER- CENT SATUR- ATION)	DIS- CENT (COLS./ 100 ML)	FECAL, KF AGAR (COLS./ 100 ML)	TOOCOCCI (MG/L)		
		(00061)	(00095)	(00400)	(00010)	(00300)	(00301)	(31625)	(31673)	(00900)	(00915)	
OCT 25...	0730	44100	711	8.30	13.5	8.50	82	469	107	--	--	
NOV 29...	0815	36700	735	8.50	4.5	11.80	980	1100	187	250	64	
DEC 13...	0830	28800	832	8.50	0.5	13.30	91	K1200	480	--	--	
JAN 04...	0800	28100	690	8.80	0.5	15.40	105	280	247	270	70	
FEB 07...	0800	35100	615	8.10	0.5	13.50	93	2000	K6220	--	--	
MAR 28...	0830	54700	660	8.10	9.0	9.40	81	5830	23000	--	--	
APR 19...	0745	59300	710	7.90	10.0	10.40	93	1270	8300	--	--	
MAY 23...	0800	81900	723	8.17	18.0	9.10	97	K500	K750	--	--	
JUN 13...	0845	95300	760	8.20	19.5	7.20	78	K2500	K930	310	78	
JUL 11...	0800	72100	810	8.40	25.5	7.80	96	M	660	--	--	
AUG 01...	0800	60300	765	8.30	27.5	6.30	80	K97	K50	270	68	
SEP 06...	0850	64400	830	8.30	25.5	6.90	85	K130	K160	--	--	

DATE	MAGNE-	SODIUM,	POTAS-	ALKA-	ALKA-	CAR-	BICAR-		CHLO-	FLUO-
	SIUM, DIS- SOLVED (MG/L AS MG)	DIS- SOLVED (MG/L AS NA)	SIUM, DIS- SOLVED (MG/L AS K)	WAT WH TOT FET FIELD CACO <sub>3</sub>	LINITY TOT IT FIELD CACO <sub>3</sub>	LINITY TOT IT FIELD CACO <sub>3</sub>	BONATE WATER WH IT FIELD CACO <sub>3</sub>	BONATE WATER WH IT FIELD CACO <sub>3</sub>	SULFATE DIS- FIELD SOLVED HCO <sub>3</sub>	RIDE, DIS- FIELD SOLVED HCO <sub>3</sub>
	(00925)	(00930)	(00935)	(00410)	(39086)	(00447)	(00450)	(00945)	(00940)	(00950)
OCT 25...	--	--	--	164	164	5	190	--	--	--
NOV 29...	22	56	5.3	171	168	6	193	160	19	0.50
DEC 13...	--	--	--	216	212	2	254	--	--	--
JAN 04...	23	57	5.7	210	206	16	219	160	20	0.40
FEB 07...	--	--	--	177	182	0	223	--	--	--
MAR 28...	--	--	--	178	184	0	225	--	--	--
APR 19...	--	--	--	207	206	0	251	--	--	--
MAY 23...	--	--	--	199	199	0	243	--	--	--
JUN 13...	28	37	8.5	207	208	0	254	170	18	0.40
JUL 11...	--	--	--	193	194	4	229	--	--	--
AUG 01...	25	67	7.7	180	182	5	212	210	18	0.40
SEP 06...	--	--	--	162	162	1	199	--	--	--

K--Results based on colony count outside the acceptable range (non-ideal colony count).  
M--Result compromised due to contaminated bacteria media.

## MISSOURI RIVER MAIN STEM

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WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	SOLIDS, RESIDUE AT 180 DEG. C	SOLIDS, SUM OF CONSTI- TUENTS,	SOLIDS, DIS- SOLVED (TONS (MG/L)	SOLIDS, DIS- SOLVED (TONS (MG/L)	NITRO- GEN, AM- MONIA + ORGANIC TOTAL (MG/L AS N)	NITRO- GEN, PHOS- PHORUS TOTAL (MG/L AS N)	ALUM- INUM, DIS- SOLVED (µG/L AS AL)	IRON, DIS- SOLVED (µG/L AS FE)	MANGA- NESE, DIS- SOLVED (µG/L AS MN)	
	(70300)	(70301)	(70303)	(70302)	(00610)	(00625)	(00665)	(01106)	(01046)	(01056)
OCT 25...	--	--	--	--	0.060	0.77	0.150	--	--	--
NOV 29...	458	428	0.62	45400	<0.060	0.50	0.060	<20	9	5
DEC 13...	--	--	--	--	0.180	0.61	0.130	--	--	--
JAN 04...	484	460	0.66	36700	0.130	0.61	0.120	<20	7	11
FEB 07...	--	--	--	--	0.280	2.0	0.510	--	--	--
MAR 28...	--	--	--	--	0.020	1.9	0.170	--	--	--
APR 19...	--	--	--	--	0.080	1.7	0.250	--	--	--
MAY 23...	--	--	--	--	0.090	1.7	0.080	--	--	--
23...	--	--	--	--	0.050	1.7	0.120	--	--	--
JUN 13...	504	465	0.69	130000	0.040	1.3	0.280	20	7	1
JUL 11...	--	--	--	--	0.030	1.7	0.180	--	--	--
AUG 01...	540	505	0.73	87900	0.040	1.6	0.250	20	3	1
SEP 06...	--	--	--	--	0.050	1.2	0.100	--	--	--