

07057475 DOUBLE SPRING NEAR DORA, MO  
(Ambient water-quality monitoring network)

WATER-QUALITY RECORDS

LOCATION.--Lat 36°43'17", long 92°11'13", in NE 1/4 NW 1/4 sec.32, T.24 N., R.11 W., Ozark County, Hydrologic Unit 11010006. Take Highway 181 south through Dora, turn east on gravel road before Highway H. Travel to end of the road and turn right, follow to end.

PERIOD OF RECORD.--November 1993 to current year.

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

DATE	TIME	DIS-CHARGE, INST. (CUBIC FEET PER SECOND) (00061)	TEMPERATURE WATER (DEG C) (00010)	SPECIFIC CONDUCTANCE (µS/cm) (00095)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	OXYGEN, (PERCENT SOLVED) (mg/L) (00300)	OXYGEN DEMAND, CHEMICAL (HIGH LEVEL) (mg/L) (00301)	OXYGEN DEMAND, CHEMICAL (HIGH LEVEL) (mg/L) (00340)	COLIFORM, µm-MF (COLS./100 mL) (31625)	STREPTOCOCCI, FECAL, KF AGAR (COLS. PER 100 mL) (31673)	ALKALINITY, WAT WH TOT FET FIELD (mg/L as CaCO <sub>3</sub> ) (00410)
DEC 05...	0903	61	14.0	410	7.5	8.5	82	--	K16	K1	217
JAN 31...	1000	65	13.5	363	7.6	9.2	90	30	59	310	145
MAR 06...	0920	21	13.0	408	7.5	8.7	83	--	K2	K19	207
APR 03...	1200	97	13.0	384	7.6	7.5	71	--	160	270	172
JUN 12...	0945	93	13.5	368	7.5	8.1	79	<10	38	35	180
AUG 27...	1545	23	14.0	411	7.3	8.8	87	--	K1	K2	215

DATE	BICARBONATE WATER WH IT FIELD (mg/L as HCO <sub>3</sub> ) (00450)	CARBONATE WATER WH IT FIELD (mg/L as CO <sub>3</sub> ) (00447)	NITROGEN, NO <sub>2</sub> +NO <sub>3</sub> TOTAL (mg/L as N) (00630)	NITROGEN, NITRITE TOTAL (mg/L as N) (00615)	NITROGEN, AMMONIA TOTAL (mg/L as N) (00610)	NITROGEN, AMMONIA + ORGANIC TOTAL (mg/L as N) (00625)	PHOSPHORUS TOTAL (mg/L as P) (00665)	PHOSPHORUS ORTHO TOTAL (mg/L as P) (70507)	HARDNESS TOTAL (mg/L as CaCO <sub>3</sub> ) (00900)	CALCIUM DIS-SOLVED (mg/L as Ca) (00915)
DEC 05...	268	0	0.830	<0.010	0.010	<0.20	0.090	0.020	--	--
JAN 31...	180	0	1.60	<0.010	0.020	<0.20	<0.020	<0.010	200	43
MAR 06...	255	0	0.910	<0.010	0.020	<0.20	<0.020	0.020	--	--
APR 03...	208	0	0.940	<0.010	0.010	<0.20	0.020	0.020	--	--
JUN 12...	222	0	1.30	<0.010	<0.010	<0.20	<0.020	0.020	190	41
AUG 27...	265	0	0.810	<0.010	<0.010	<0.20	<0.020	0.010	--	--

DATE	MAGNESIUM, DIS-SOLVED (mg/L as Mg) (00925)	SODIUM, DIS-SOLVED (mg/L as Na) (00930)	POTASSIUM, DIS-SOLVED (mg/L as K) (00935)	SULFATE, DIS-SOLVED (mg/L as SO <sub>4</sub> ) (00945)	CHLORIDE, DIS-SOLVED (mg/L as Cl) (00940)	FLUORIDE, DIS-SOLVED (mg/L as F) (00950)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (mg/L) (70300)	RESIDUE TOTAL AT 105 DEG. C, SUS-PENDED (mg/L) (00530)	ALUMINUM, TOTAL RECOVERABLE (µg/L as Al) (01105)	ALUMINUM, DIS-SOLVED (µg/L as Al) (01106)
JAN 31...	23	2.9	1.4	6.5	10	<0.10	224	2	70	<20
JUN 12...	22	2.3	1.6	4.2	5.6	<0.10	336	1	30	3.0

DATE	CADMIUM TOTAL RECOVERABLE (µg/L as Cd) (01027)	CADMIUM DIS-SOLVED (µg/L as Cd) (01025)	COPPER, DIS-SOLVED (µg/L as Cu) (01040)	IRON, DIS-SOLVED (µg/L as Fe) (01046)	LEAD, TOTAL RECOVERABLE (µg/L as Pb) (01051)	LEAD, DIS-SOLVED (µg/L as Pb) (01049)	MANGANESE, DIS-SOLVED (µg/L as Mn) (01056)	MERCURY TOTAL RECOVERABLE (µg/L as Hg) (71900)	ZINC, TOTAL RECOVERABLE (µg/L as Zn) (01092)	ZINC, DIS-SOLVED (µg/L as Zn) (01090)
JAN 31...	<1	<1.0	<1.0	<3.0	<1	<1.0	<1.0	<0.10	4	<4.0
JUN 12...	<1	<1.0	<1.0	<1.0	<1	<1.0	<0.20	<0.10	2	2.2

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