

WHITE RIVER BASIN

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 1996 TO SEPTEMBER 1997

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, DIS-SOLVED (mg/L) (00300)	OXYGEN DEMAND, CHEMICAL (HIGH LEVEL) (mg/L) (00340)	COLIFORM, FE CAL, µm-MF (COLS./100 mL) (31625)	STREPTOCOCCI, FE CAL, KF AGAR (COLS. PER 100 mL) (31673)	ALKALINITY, TOT FET FIELD (mg/L as CaCO ₃) (00410)	
NOV 1996											
04...	1200	44	14.0	397	7.53	7.50	73	--	200	71	198
JAN 1997											
22...	1435	110	13.5	388	7.38	8.50	82	<10	150	200	193
MAR											
27...	1345	120	12.5	316	6.68	10.6	100	--	58	47	153
APR											
09...	0645	230	13.0	345	6.79	8.40	78	--	K1010	K600	147
JUN											
12...	0930	91	13.5	381	7.37	7.60	74	<5	K405	310	186
AUG											
07...	0825	61	14.0	404	6.95	8.10	76	--	21	K17	198

DATE	BICARBONATE WATER WH IT FIELD (mg/L as HCO ₃) (00450)	CARBONATE WATER WH IT FIELD (mg/L as CO ₃) (00447)	NITROGEN, NO ₂ +NO ₃ 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, PHOSPHORUS TOTAL (mg/L as P) (00665)	PHOSPHORUS, ORTHO TOTAL (mg/L as P) (70507)	HARDNESS TOTAL (mg/L as CaCO ₃) (00900)	CALCIUM, DIS-SOLVED (mg/L as Ca) (00915)
NOV 1996										
04...	242	0	1.10	<0.010	0.010	0.54	<0.020	0.020	--	--
JAN 1997										
22...	234	0	1.30	<0.010	0.010	<0.20	0.030	0.020	200	42
MAR										
27...	190	0	1.40	<0.010	<0.010	<0.20	<0.020	0.010	--	--
APR										
09...	183	0	1.20	<0.010	0.010	<0.20	0.020	0.020	--	--
JUN										
12...	230	0	1.00	<0.010	<0.010	0.22	<0.020	<0.010	210	43
AUG										
07...	248	0	0.910	<0.010	0.020	<0.20	<0.020	0.020	--	--

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 ₄) (00945)	CHLORIDE, DIS-SOLVED (mg/L as Cl) (00940)	FLUORIDE, DIS-SOLVED (mg/L as F) (00950)	SOLIDS, RESIDUE AT 180 DEG. C (mg/L) (70300)	RESIDUE TOTAL AT 105 DEG. C, SUS-PENDE (mg/L) (00530)	ALUMINUM, TOTAL RECOVERABLE (µg/L as Al) (01105)	ALUMINUM, DIS-SOLVED (µg/L as Al) (01106)
JAN 1997										
22...	23	2.1	1.4	5.3	5.3	<0.10	200	1	30	10
JUN										
12...	24	1.8	1.4	4.4	4.3	<0.10	206	2	50	7.6

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 1997										
22...	<1	<1.0	<1.0	4.0	<1	<1.0	<0.20	<0.10	3	1.8
JUN										
12...	<1	<1.0	<1.0	3.0	<1	<1.0	0.90	<0.10	2	2.1

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