

WHITE RIVER BASIN

07066110 JACKS FORK ABOVE TWO RIVERS
(Ambient water-quality monitoring network)

WATER-QUALITY RECORDS

LOCATION.--Lat 37°18'22", long 91°18'00", in NE 1/4 NW 1/4 sec.20, T.29 N., R.3 W., Shannon County, Hydrologic Unit 11010008, at Shawnee Campground, 4.5 mi downstream from the Eminence sewage disposal pond.

DRAINAGE AREA.--425 mi².

PERIOD OF RECORD.--April 1973 to current year.

REMARKS.--Ozark National Scenic Riverways station since April 1973 and ambient water-quality monitoring network station since November 1993. October and May data are located in the partial records section of this report.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

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 CENT (PERCENT) (00300)	OXYGEN DEMAND, CHEMICAL (HIGH LEVEL) (00340)	COLIFORM, FECCAL, µM-MF (COLS./100 mL) (31625)	STREPTOCOCCI, FECCAL, KF AGAR (COLS. PER 100 mL) (31673)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 mL) (31633)	
NOV 18...	1120	220	8.6	350	8.02	12.4	103	--	K12	300	K8
JAN 13...	0840	520	6.8	255	7.79	10.3	85	<10	K87	180	K87
MAR 10...	1150	2500	8.4	217	7.60	11.8	99	--	44	88	44
APR 07...	1610	800	16.2	242	8.17	10.5	108	--	K13	K5	K14
JUN 17...	1450	320	23.0	304	8.29	10.9	125	<10	K9	K17	K3
AUG 18...	1420	280	23.6	316	8.14	9.5	112	--	21	29	20

DATE	ANC WATER UNFLTRD FET FIELD (mg/L as CaCO ₃) (00410)	ANC BICARBONATE IT FIELD (mg/L as HCO ₃) (00450)	ANC CARBONATE IT FIELD (mg/L as CO ₃) (00447)	NITROGEN, NO ₂ +NO ₃ DIS-SOLVED (mg/L as N) (00631)	NITROGEN, NITRITE DIS-SOLVED (mg/L as N) (00613)	NITROGEN, AMMONIA DIS-SOLVED (mg/L as N) (00608)	NITROGEN, AMMONIA + ORGANIC DIS. (mg/L as N) (00623)	PHOSPHORUS, DIS-SOLVED (mg/L as P) (00666)	PHOSPHORUS, ORTHO, DIS-SOLVED (mg/L as P) (00671)	HARDNESS TOTAL as CaCO ₃ (00900)	CALCIUM DIS-SOLVED as Ca (00915)
NOV 18...	180	221	0	0.32	<0.01	<0.02	<0.1	<0.01	0.02	--	--
JAN 13...	135	166	0	0.54	<0.01	<0.02	0.2	<0.01	<0.01	150	30
MAR 10...	61	75	0	0.31	<0.01	<0.02	0.2	0.01	<0.01	--	--
APR 07...	123	151	0	0.19	<0.01	0.03	<0.1	<0.01	0.01	--	--
JUN 17...	156	193	0	0.25	<0.01	0.06	<0.1	<0.01	<0.01	170	34
AUG 18...	166	206	0	0.30	0.01	0.05	0.1	<0.01	0.01	--	--

DATE	MAGNESIUM, DIS-SOLVED as Mg (00925)	SODIUM, DIS-SOLVED as Na (00930)	POTASSIUM, DIS-SOLVED as K (00935)	SULFATE DIS-SOLVED as SO ₄ (00945)	CHLORIDE, DIS-SOLVED as Cl (00940)	FLUORIDE, DIS-SOLVED as F (00950)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (mg/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DIS-SOLVED (mg/L) (70301)	SOLIDS, DIS-SOLVED PER DAY (70302)	RESIDUE TOTAL AT 105 DEG. C, SUSPENDED (mg/L) (00530)	ALUMINUM, TOTAL RECOVERABLE as Al (01105)
JAN 13...	17	1.3	1.0	3.9	2.5	--	188	140	264	4	90
JUN 17...	20	1.4	1.1	2.7	2.3	<0.1	173	157	149	<1	30

DATE	ALUMINUM, DIS-SOLVED as Al (01106)	CADMIUM WATER UNFLTRD TOTAL as Cd (01027)	CADMIUM DIS-SOLVED as Cd (01025)	COPPER, DIS-SOLVED as Cu (01040)	IRON, DIS-SOLVED as Fe (01046)	LEAD, TOTAL RECOVERABLE as Pb (01051)	LEAD, DIS-SOLVED as Pb (01049)	MANGANESE, DIS-SOLVED as Mn (01056)	MERCURY, TOTAL RECOVERABLE as Hg (71900)	ZINC, TOTAL RECOVERABLE as Zn (01092)	ZINC, DIS-SOLVED as Zn (01090)
JAN 13...	43.4	<1	<8	<10	20	<1	<100	<4	<0.1	<10	<20
JUN 17...	12.9	<1	<8	<10	<10	<1	<100	<4	<0.1	<10	<20

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