

<u>Stream</u>	<u>Concentration-mg/L</u>		
	<u>Cl<sup>-</sup></u>	<u>SO<sub>4</sub><sup>=</sup></u>	<u>TDS</u>
Little Red River (including Greers Ferry Reservoir)	20	30	100
Black River	20	30	270
Strawberry River	20	30	270
Spring River	20	30	290
Eleven Pont River	20	30	270
Stennitt Creek	ER	ER	456*
South Fork Spring River	20	30	270
Myatt Creek	20	30	270
Current River	20	30	270
White River (Dam #3 to Missouri line, including Bull Shoals Reservoir)	20	20	180
Buffalo River	20	20	200
Crooked Creek	20	20	200
White River (Missouri line to headwaters, including Beaver Reservoir)	20	20	160
Kings River	20	20	150
West Fork White River	20	20	150
<u>War Eagle Creek (downstream from confluence with Holman Creek)</u>	<u>185*</u>	<u>41*</u>	<u>525*</u>
<u>Holman Creek (downstream from confluence with Town Branch)</u>	<u>185*</u>	<u>41*</u>	<u>525*</u>
<u>Town Branch</u>	<u>185*</u>	<u>41*</u>	<u>525*</u>
St. Francis River Basin			
St. Francis River (Mouth to 36°N. Lat.)	10	30	330
L'Anguille River	20	30	235
Tyronza River	20	30	350
Ditch No. 27	ER	480	1200
Ditch No. 6 (mouth to Ditch No. 27 confluence)	ER	210	630
Tyronza River (mouth to Ditch No. 6 confluence)	20	60	350
Little River	20	30	365
Pemiscot Bayou	20	30	380
St. Francis River (36°N. Lat. To 36° 30' N. Lat)	10	20	180
Ouachita River Basin			
Bayou Bartholomew	50	20	500
Chemin-A-Haut Creek	50	20	500
Overflow Creek	20	30	170
Bayou Macon	30	40	330
Boeuf River	90	30	460
Big Cornie Creek	230	30	500
Little Cornie River	200	10	400
Three Creeks	250	10	500
Little Cornie Bayou	200	20	500
Unnamed trib from GLCC 003	538*	35*	519*
Unnamed trib to Little Cornie Bayou	305*	ER	325*
Little Cornie Bayou from unnamed trib to State Line	215*	25*	500*
Walker Branch	180*	ER	970*
Gum Creek	104*	ER	311*
Bayou de L'Outre above Gum Creek	250	90	500

**Use Variations Supported by UAA or Other Investigations**

Railroad Hollow Creek - no fishable/swimmable uses (OH-1, #1)  
Columbia Hollow Creek - seasonal fishery March-June (OH-1, #2)  
Curia Creek - below first waterfall, perennial fishery (OH-4, #3)  
Moccasin Creek - below Highway 177, perennial fishery (OH-3, #4)  
Stennitt Creek- from Brushy Creek to Spring River, no domestic water supply use (OH-4)

**SPECIFIC STANDARDS: OZARK HIGHLANDS ECOREGION**  
(Plates OH-1, OH-2, OH-3, OH-4)

	<u>Streams</u>	<u>Lakes and Reservoirs</u>
Temperature °C (°F)*	29 (84.2)	32 (89.6)
Trout waters	20 (68)	
Turbidity (NTU) (base/all)	10/17	25/45
Minerals	see Reg. 2.511	see Reg. 2.511
Dissolved Oxygen**	<u>Pri.</u> <u>Crit</u>	see Reg. 2.505
<10 mi <sup>2</sup> watershed	6        2	
10 to 100 mi <sup>2</sup>	6        5	
>100 mi <sup>2</sup> watershed	6        6	
Trout waters	6        6	

All other standards (same as statewide)

**Variations Supported by UAA**

Railroad Hollow Creek: from headwaters to Spavinaw Creek - year-round dissolved oxygen - 2 mg/l (OH-1, #1)  
Curia Creek - below first waterfall, critical season D.O. 6 mg/l (OH-4, #3)  
Moccasin Creek - below Highway 177, critical season D.O. 5mg/l (OH-3, #4)  
SWEPCO Reservoir - maximum temperature 54°C (limitation of 2.8°C above natural temperature does not apply) (OH-1, #5)  
Stennitt Creek - from Brushy Creek to Spring River, TDS = 456 mg/l (OH-4, #6)

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\* Increase over natural temperatures may not be more than 2.8°C (5°F).

\*\* At water temperatures ≤10°C or during March, April and May when stream flows are 15 CFS and greater, the primary season D.O. standard will be 6.5 mg/l. When water temperatures exceed 22°C, the critical season D.O. standard may be depressed by 1 mg/l for no more than 8 hours during a 24-hour period.