

Fall River Lake Reservoir Information Sheet

Location	Constructed on Fall River in Greenwood County at river mile 54.2. Watershed includes portions of Butler, Chase, Elk, and Greenwood counties.
River Basin	Verdigris

Watershed			
Watershed Drainage Area**	585 mi ²	Hydrologic Unit Code	11070102010, 020
Percent of Watershed in Organized Watershed District*	82%	Elevation of Top of Watershed**	1600 ft.
Watershed Sediment Yield*	0.32 Acre-ft/mi ² /yr		

Construction History**			
Construction Began	May 9, 1946	Top of Dam Elevation**	996 ft.
Multipurpose Pool Filled	June 9, 1949	Gates Closed	April 20, 1949

Current Federally Authorized Purposes**	Flood control, water quality, water supply.
State Designated Uses***	Expected aquatic life support, primary contact recreation, domestic water supply, food procurement, industrial water supply.

Multipurpose Pool - Top Elev. 948.5 ft			
Original Survey Year*	1948	Most Recent Survey Year*	1990
Original Storage Capacity*	30,401 acre-ft.	Capacity at Most Recent Survey*	22,626 acre-ft.
Original Surface Area**	2,616 acres	Surface Area at Most Recent Survey*	2,329 acres
Design Sedimentation Rate**	acre-ft./yr	Calculated Sedimentation Rate*	188 acre-ft./yr
Design Life for Sediment Storage**	50 Years	Estimated Current Capacity*	18,869 acre-ft.
		Loss of Capacity to Date*	37.93%

Multipurpose Pool Breakout			
Quality Storage	0.00%		
Water Supply Storage		= 0.00% Assurance District +	Water Marketing + 0.00% Reserve
Other	0.00%		

Flood Pool (includes Multipurpose Pool)			
Top of Flood Pool	987.5 ft.	Original Surface Area**	10,387 acres
Original Storage Capacity*	264,994 acre-ft.	Design Sedimentation Rate**	146 acre-ft./yr

Lake Level Management Plan	Recent Bathymetric Surveys
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