

Perry Lake Reservoir Information Sheet

Location On the Delaware River, at river mile 5.8, 4.5 miles northwest of Perry, Kansas, and 17 miles east of Topeka, Kansas. Watershed includes portions of Atchison, Brown, Jackson, Jefferson, Nemaha and Shawnee counties.

River Basin Kansas-Lower Republican

Watershed

Watershed Drainage Area** 1117 mi² **Hydrologic Unit Code** 10270103
Percent of Watershed in Organized Watershed District* 100% **Elevation of Top of Watershed**** 1250 ft.
Watershed Sediment Yield* 0.97 Acre-ft/mi²/yr

Construction History**

Construction Began March 16, 1964 **Top of Dam Elevation**** 946 ft.
Multipurpose Pool Filled June 3, 1970 **Gates Closed** August 2, 1966

Current Federally Authorized Purposes**

Flood control, navigation, water supply, water quality, recreation, fish and wildlife.

State Designated Uses***

Expected aquatic life use, food procurement, contact recreation.

Multipurpose Pool - Top Elev. 891.5 ft

Original Survey Year*	1960	Most Recent Survey Year*	2009
Original Storage Capacity*	243,220 acre-ft.	Capacity at Most Recent Survey*	200,004 acre-ft
Original Surface Area**	12,202 acres	Surface Area at Most Recent Survey*	10,227 acres
Design Sedimentation Rate**	930 acre-ft./yr	Calculated Sedimentation Rate*	1081 acre-ft./yr
Design Life for Sediment Storage**	100 Years	Estimated Current Capacity*	197,843 acre-ft
		Loss of Capacity to Date*	18.66%

Multipurpose Pool Breakout

Quality Storage 0.00%
Water Supply Storage 100.00% = 16.67% Assurance District + 0.00% Water Marketing + 0.00% Reserve
Other 0.00%

Flood Pool (includes Multipurpose Pool)

Top of Flood Pool 920.6 ft. **Original Surface Area**** 25,345 acres
Original Storage Capacity* 765,100 acre-ft. **Design Sedimentation Rate**** 1400 acre-ft./yr

Lake Level Management Plan

Recent Bathymetric Surveys

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