

Pomona Lake Reservoir Information Sheet

Location	On 110 Mile Creek, 8.3 miles above confluence with Marais des Cygnes river; 8.5 miles west and 3 miles north of Pomona in Osage County. Watershed includes portions of Franklin, Lyon, Osage and Wabaunsee counties.
River Basin	Marais Des Cygnes

Watershed			
Watershed Drainage Area**	322 mi ²	Hydrologic Unit Code	10290101030
Percent of Watershed in Organized Watershed District*	10%	Elevation of Top of Watershed**	1400 ft.
Watershed Sediment Yield*	1.03 Acre-ft/mi ² /yr		

Construction History**			
Construction Began	June, 1959	Top of Dam Elevation**	1031 ft.
Multipurpose Pool Filled	June 4, 1965	Gates Closed	July 19, 1962

Current Federally Authorized Purposes**	Flood control, low flow supplementation, water quality, recreation, domestic water supply and fish and wildlife enhancement.
State Designated Uses***	General purposes, expected aquatic life use, primary contact recreation, domestic supply, food procurement, industrial water supply.

Multipurpose Pool - Top Elev. 974 ft.			
Original Survey Year*	1964	Most Recent Survey Year*	2009
Original Storage Capacity*	70,603 acre-ft.	Capacity at Most Recent Survey*	55,670 acre-ft.
Original Surface Area**	4,000 acres	Surface Area at Most Recent Survey*	3,621 acres
Design Sedimentation Rate**	294 acre-ft./yr	Calculated Sedimentation Rate*	330 acre-ft./yr
Design Life for Sediment Storage**	100 Years	Estimated Current Capacity*	55,340 acre-ft.
		Loss of Capacity to Date*	21.62%

Multipurpose Pool Breakout	
Quality Storage	25.00%
Water Supply Storage	73.86% = 23.63% Assurance District + 0.00% Water Marketing + 50.23% Reserve
Other	1.14%

Flood Pool (includes Multipurpose Pool)			
Top of Flood Pool	1003 ft.	Original Surface Area**	8,520 acres
Original Storage Capacity*	247,276 acre-ft.	Design Sedimentation Rate**	294 acre-ft./yr

Lake Level Management Plan	Recent Bathymetric Surveys
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