

## Clinton Lake Reservoir Information Sheet

**Location** On the Wakarusa River, at river mile 22.3 in Douglas County, 4 miles west of Lawrence, Kansas. Watershed includes portions of Douglas, Osage, Shawnee and Wabaunsee counties.

**River Basin** Kansas-Lower Republican

### Watershed

**Watershed Drainage Area\*\*** 367 mi<sup>2</sup>    **Hydrologic Unit Code** 10270104010  
**Percent of Watershed in Organized Watershed District\*** 99%    **Elevation of Top of Watershed\*\*** 1360 ft.  
**Watershed Sediment Yield\*** 0.92 Acre-ft/mi<sup>2</sup>/yr

### Construction History\*\*

**Construction Began** January 1972    **Top of Dam Elevation\*\*** 928 ft.  
**Multipurpose Pool Filled** April 3, 1980    **Gates Closed** November 30, 1977

**Current  
Federally  
Authorized  
Purposes\*\***

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

**State  
Designated  
Uses\*\*\***

Primary contact recreation, food procurement, special aquatic life support.

### Multipurpose Pool - Top Elev. 875.5 ft

<b>Original Survey Year*</b>	<u>1977</u>	<b>Most Recent Survey Year*</b>	<u>2009</u>
<b>Original Storage Capacity*</b>	<u>129,171 acre-ft.</u>	<b>Capacity at Most Recent Survey*</b>	<u>118,699 acre-ft</u>
<b>Original Surface Area**</b>	<u>7,006 acres</u>	<b>Surface Area at Most Recent Survey*</b>	<u>7,205 acres</u>
<b>Design Sedimentation Rate**</b>	<u>190 acre-ft./yr</u>	<b>Calculated Sedimentation Rate*</b>	<u>337 acre-ft./yr</u>
<b>Design Life for Sediment Storage**</b>	<u>100 Years</u>	<b>Estimated Current Capacity*</b>	<u>118,026 acre-ft</u>
		<b>Loss of Capacity to Date*</b>	<u>8.63%</u>

### Multipurpose Pool Breakout

**Quality Storage** 19.20%  
**Water Supply Storage** 80.80% = 0.00% Assurance District + 48.50% Water Marketing + 0.00% Reserve  
**Other** 0.00%

### Flood Pool (includes Multipurpose Pool)

**Top of Flood Pool** 903.4 ft.    **Original Surface Area\*\*** 12,891 acres  
**Original Storage Capacity\*** 397,538 acre-ft.    **Design Sedimentation Rate\*\*** 285 acre-ft./yr

Lake Level Management Plan

Recent Bathymetric Surveys

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