

## Milford Lake Reservoir Information Sheet

**Location** On the Republican River at river mile 7.7 about 10 miles above the confluence of the Republican and Smoky Hill Rivers. Four miles NW of Junction City and 25 miles SE of Clay Center on Highway 77. Watershed includes portions of Clay, Cloud, Dickinson, Geary, Jewell, Mitchell, Phillips, Republic, Riley, Smith and Washington.

**River Basin**

### Watershed

**Watershed Drainage Area\*\***  **Hydrologic Unit Code**

**Percent of Watershed in Organized Watershed District\***  **Elevation of Top of Watershed\*\***

**Watershed Sediment Yield\***

### Construction History\*\*

**Construction Began**  **Top of Dam Elevation\*\***

**Multipurpose Pool Filled**  **Gates Closed**

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

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

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

General purpose, primary contact recreation, expected aquatic life use, domestic water supply, food procurement, industrial water supply.

### Multipurpose Pool - Top Elev. 1144.4

<b>Original Survey Year*</b>	<input type="text" value="1962"/>	<b>Most Recent Survey Year*</b>	<input type="text" value="1994"/>
<b>Original Storage Capacity*</b>	<input type="text" value="415,403 acre-ft."/>	<b>Capacity at Most Recent Survey*</b>	<input type="text" value="372,341 acre-ft."/>
<b>Original Surface Area**</b>	<input type="text" value="16,190 acres"/>	<b>Surface Area at Most Recent Survey*</b>	<input type="text" value="15,314 acres"/>
<b>Design Sedimentation Rate**</b>	<input type="text" value="1730 acre-ft./yr"/>	<b>Calculated Sedimentation Rate*</b>	<input type="text" value="1597 acre-ft./yr"/>
<b>Design Life for Sediment Storage**</b>	<input type="text" value="100 Years"/>	<b>Estimated Current Capacity*</b>	<input type="text" value="346,785 acre-ft."/>
		<b>Loss of Capacity to Date*</b>	<input type="text" value="16.52%"/>

### Multipurpose Pool Breakout

**Quality Storage**

**Water Supply Storage**  = 18.33% Assurance District + 15.55% Water Marketing + 0.00% Reserve

**Other**

### Flood Pool (includes Multipurpose Pool)

**Top of Flood Pool**  **Original Surface Area\*\***

**Original Storage Capacity\***  **Design Sedimentation Rate\*\***

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