

**Denison Dam and Lake Texoma**

**OWNER**

The U.S. Government. Operated by the U.S. Army Corps of Engineers, Tulsa District.

**ENGINEER**

U.S. Army Corps of Engineers, Tulsa District.

**LOCATION**

On the Red River between Texas and Oklahoma, 5 miles north of Denison, Texas.

**DRAINAGE AREA**

39,719 square miles (5,936 probably non-contributing).

**DAM**

Type Earthfill  
 Length 15,200 ft  
 Maximum height 165 ft  
 Top width 40 ft

**SPILLWAY**

Crest elevation 640.0 ft above msl  
 Length 2,000 ft  
 Type Ogee  
 Control None

**OUTLET WORKS**

Type 3 conduits for water release  
 5 conduits for water to turbines  
 Size 20-ft diameter by 800 ft long  
 Control Vertical lift gates  
 Invert 523.0 ft above msl

**POWER FEATURES**

Number of units installed 2  
 Capacity (total) 70,000 kw

**AUTHORIZATION**

Federal: Flood Control Act June 28, 1938 (flood control, power, conservation, and recreation purposes)

**RESERVOIR DATA**

FEATURE	ELEVATION (FEET ABOVE MSL)	CAPACITY (ACRE-FEET)	AREA (ACRES)
Top of dam	670.0	-	-
Top of flood control pool	640.0	5,382,000*	143,300
Top of power pool	617.0	2,722,000*	89,000
Bottom of power pool	590.0	1,049,000	44,100

\* Excludes 11,000 acre-feet of dead storage in Cumberland pool below elevation 610.0.

**GENERAL**

Construction started August 22, 1939  
 Dam completed October 1943  
 Impoundment of water began October 31, 1943  
 Power generation began March 1945  
 Project cost estimate \$78,000,000

