

Wright Patman Dam and Wright Patman Lake

OWNER.

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

ENGINEER (Design)

The U.S. Army Corps of Engineers, New Orleans District.

LOCATION

On the Sulphur River in Bowie and Cass Counties, 9 miles southwest of Texarkana.

DRAINAGE AREA

3,400 square miles.

DAM

Type Earthfill
 Length 18,500 ft
 Maximum height 106 ft
 Top width 30 ft

SPILLWAY

Crest elevation 259.5 ft above msl
 Length 200.0 ft
 Type Concrete chute

OUTLET WORKS

Type 2 conduits, each 20-ft diameter
 Invert elevation 200 ft above msl
 Control 4 gates, each 10 by 20 ft

POWER FEATURES

None

AUTHORIZATION

Federal: Flood Control Act of 1946 approved July 24, 1946.
 State: Permit No. 1563-A (A-2552) amended October 26, 1967, authorizes the city of Texarkana, Texas to increase diversion to 20,000 acre-feet of water for municipal use and 100,000 acre-feet for industrial purposes, contingent upon a contract with U.S. Army Corps of Engineers for 120,000 acre-feet of storage.

RESERVOIR DATA

FEATURE	ELEVATION (FEET ABOVE MSL)	CAPACITY (ACRE-FEET)	AREA (ACRES)
Top of dam	286.0	-	-
Top of surcharge pool	278.9	5,730,800	200,600
Top of flood control pool	259.5	2,654,300	119,700
Top of conservation pool	220.0	145,300	20,300
Invert of conduits	200.0	2,600	-
Streambed	180.0	-	-

GENERAL

Construction started August 20, 1948
 Construction completed (spillway, outlet structure, and closure) May 19, 1954
 Impoundment of water began July 2, 1953 (temporary) June 27, 1956
 Operating date July 1, 1956
 General contractors Edward Peterson Company, Foley Borther, Inc., and Tellepsen Construction Company
 Project cost \$35,048,603 (June 1971)

