

Proctor Dam and Proctor Lake

OWNER

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

ENGINEER (Design)

U.S. Army Corps of Engineers.

LOCATION

On the Leon River in Comanche County, 3.5 miles west of Proctor.

DRAINAGE AREA

1,265 square miles.

DAM

Type Earthfill with concrete spillway
 Length 13,460 ft
 Maximum height 86 ft
 Top width 30 ft

SPILLWAY

Type Ogee
 Length (net at crest) 440.0 ft
 Crest elevation 1,162.0 ft above msl
 Control 11 tainter gates, each 40 by 35 ft

OUTLET WORKS

Type 2 conduits, each 36-inch diameter
 Control 2 slide gates
 Invert elevation 1,128.0 ft above msl

AUTHORIZATION

Federal: Flood Control Act, September 3, 1954, and Public Works Appropriation Act of 1957.
 State: Permit No. 2107 (Application No. 2292) July 24, 1964, to the Brazos River Authority to impound 59,400 acre-feet and to divert 54,000 acre-feet annually if available. Diversion with priority of rights is limited to 25,000 acre-feet annually.

RESERVOIR DATA (Capacity based on survey made in 1946)

FEATURE	ELEVATION (FEET ABOVE MSL)	CAPACITY (ACRE-FEET)	AREA (ACRES)
Top of dam	1,206.0	—	—
Maximum design water surface	1,201.0	433,000	15,410
Top of flood control storage space	1,197.0	374,200	14,010
Top of conservation storage space	1,162.0	59,400	4,610
Invert of low-flow outlet	1,128.0	68	—
Streambed	1,120.0	0	0
Sediment reserve below	1,162.0	28,000	—
Sediment reserve above	1,162.0	4,700	—
Usable conservation storage space	—	31,400	—

GENERAL

Construction started June 29, 1960
 Impoundment of water began September 30, 1963
 Dam completed January 2, 1964
 General contractor Armstrong, Armstrong, and J. H. Ryan and Son, Inc.,
 Roswell, New Mexico
 Estimated project cost \$14,450,000

