

Granger Dam and Granger 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, Fort Worth District.

LOCATION

On the San Gabriel River in Williamson County, about 10 miles northeast of Taylor.

DRAINAGE AREA

709 square miles, (463 square miles incremental).

DAM

Type Earthfill
 Length (including spillway) 16,320 ft
 Maximum height 115 ft
 Top width 30 ft

SPILLWAY

Type Uncontrolled ogee
 Length 950 ft
 Crest elevation 528.0 ft above msl

OUTLET WORKS

Type Conduit, 18 ft diameter
 Control 2 slide gates, each 8 by 18 ft t
 Invert elevation 457.0 ft above msl

LOW FLOW OUTLETS (discharges to flood control conduit)

Number to wet well 3
 Invert elevations 502.0, 494.0, and 486.0 ft above msl
 Control 3 slide gates, each 3 by 4 ft
 Number from wet well 1
 Invert elevation 486.0 ft above msl
 Control 1 slide gate, 2 by 4 ft

AUTHORIZATION

Federal: Flood Control Act of 1954 modified by the Flood Control Act of 1962, approved October 23, 1962.
 State: The Brazos River Authority will contract for the water supply.
 Permit No. 2366 Application No. 2573

RESERVOIR DATA

FEATURE	ELEVATION (FEET ABOVE MSL)	CAPACITY (ACRE-FEET)	AREA (ACRES)
Top of dam	555.0	-	21,000
Maximum design water surface	549.3	561,100	18,820
Spillway crest	528.0	244,200	11,040
Top of conservation pool	504.0	65,500	4,400
Streambed	440.0	-	-
Sediment reserve below	504.0	27,600	-
Sediment reserve above	504.0	16,500	-

GENERAL

Construction started 1972
 Estimated completion 1977
 Impoundment of water estimated to begin 1977
 Estimated cost* \$52,300,000

