

North Fork (San Gabriel River) Dam and North Fork 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 North Fork San Gabriel River in Williamson County, 3.5 miles west of Georgetown.

DRAINAGE AREA

246 square miles above the damsite.

DAM

Type Rockfill, impervious core
 Length (including spillway) 6,947 ft
 Maximum height 162 ft
 Top width 40 ft

SPILLWAY

Type Broad-crested weir
 Control None
 Crest length (net) 1,000 ft
 Crest elevation 834.0 ft above msl

OUTLET WORKS

Type Conduit, 11 ft diameter
 Control 2 slide gates, each 5 by 11 ft ft
 Invert elevation 720.0 ft above msl

LOW FLOW OUTLETS (discharges to flood control conduit)

Number to wet well 4
 Invert elevations 777.0, 764.17, 751.33, and 738.50 ft above msl
 Control 4 slide gates, each 3 by 4 ft 1 ten-inch valve will provide releases below 738.50 ft above msl
 Number from wet well 1
 Invert elevation 735.0 ft above msl
 Control Hydraulic gate, 2 by 4 ft

AUTHORIZATION

Federal: Flood Control Act approved October 23, 1962. (Public Law 874, 87th Congress, 2nd Session).
 State: The Brazos River Authority will contract for the water supply. Permit No. 2367 Application No. 2574

RESERVOIR DATA

FEATURE	ELEVATION (FEET ABOVE MSL)	CAPACITY (ACRE-FEET)	AREA (ACRES)
Top of dam	861.0	-	5,570
Maximum design water surface	856.0	220,100	5,070
Spillway crest	834.0	130,800	3,220
Top of conservation pool	791.0	37,100	1,310
Streambed	699.0	-	-
Sediment reserve below	791.0	7,900	-
Sediment reserve above	791.0	6,100	-

GENERAL

Construction started 1972
 Estimated dam completion 1978
 Impoundment of water estimated to begin 1978
 Estimated cost* \$22,900,000
 *As of July 1972

