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

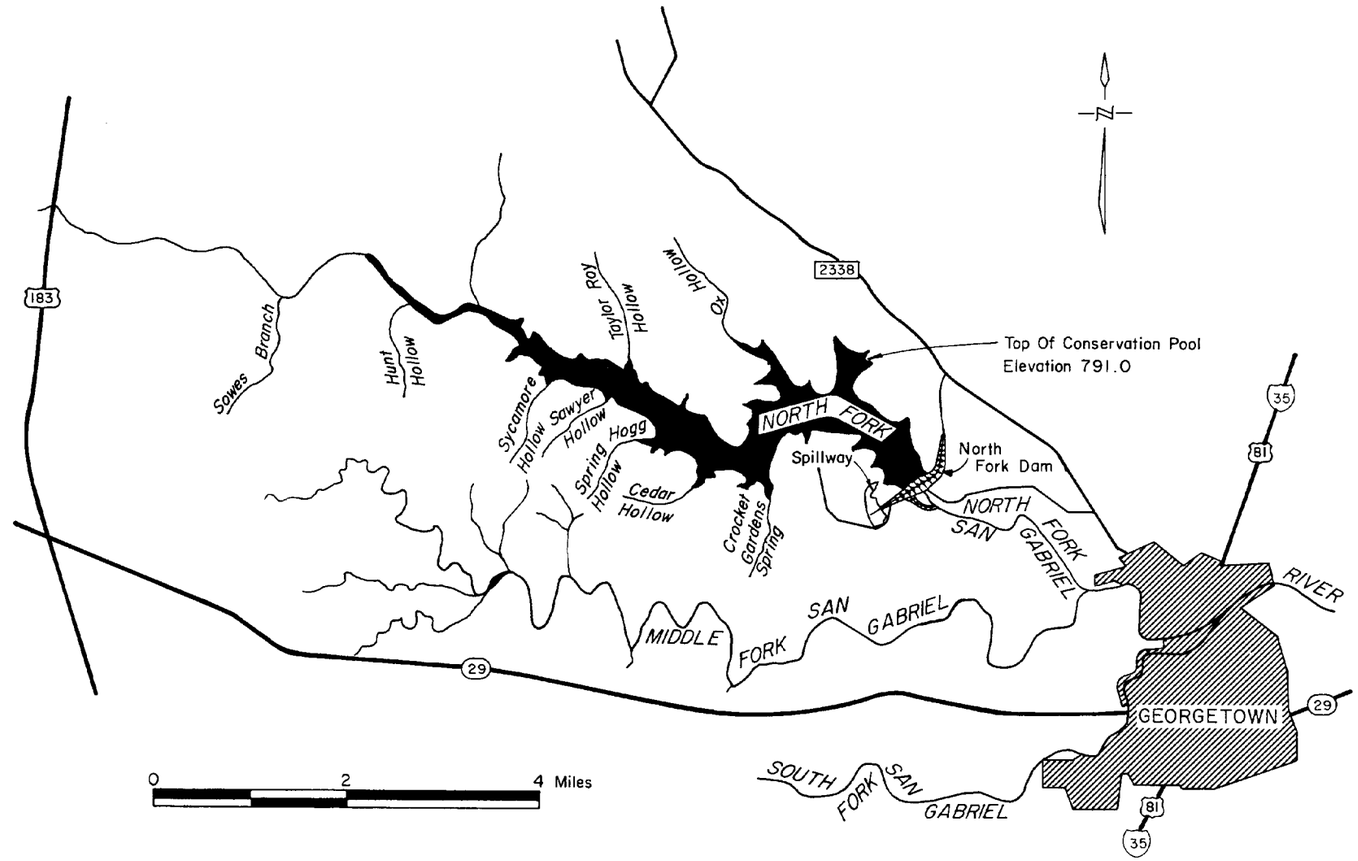
RESERVOIR DATA

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



Information courtesy of the U.S. Army Corps of Engineers, Fort Worth District

NORTH FORK DAM AND NORTH FORK LAKE