

**Mansfield Dam and Lake Travis**

**OWNER**

Lower Colorado River Authority.

**ENGINEER (Design)**

U.S. Bureau of Reclamation for the flood control and conservation features. Lower Colorado River Authority for the power generating features.

**LOCATION**

On the Colorado River in Travis County, 13 miles northwest of Austin.

**DRAINAGE AREA**

38,130 square miles, of which 11,900 is probably noncontributing. Runoff is partly regulated by upstream storage and power-plant operation.

**DAM**

Type	Concrete gravity, earth and rock fill
Length	7,098 ft
Height to roadway	266 ft
Top width	20 ft
Roadway width	28.5 ft

**SPILLWAY**

Type	Concrete ogee
Length (net)	700 ft
Crest elevation	714.1 ft above msl
Control	None

**OUTLET WORKS**

Type	8.5-ft diameter conduits
Number	24
Control	Double gated ring-follower type gates
Invert elevation	535.9 ft above msl

**POWER FEATURES**

Three units with a total generating capacity of 85,000 kw.

**STATE AUTHORIZATION**

Permit No. 1260 (Application No. 1346) May 25, 1938, grants the right to appropriate 1,500,000 acre-feet of water annually for municipal, irrigation, mining, recreation, and hydroelectric power use. Several other water rights are included in this permit.

**RESERVOIR DATA (Based on 1939 survey by U.S. Bureau of Reclamation)**

FEATURE	ELEVATION (FEET ABOVE MSL)	CAPACITY (ACRE-FEET)	AREA (ACRES)
Top of dam (roadway)	750.1	—	—
Maximum design flood	748.9	3,223,000	44,448
Spillway crest	714.1	1,954,000	29,000
Top of power storage	681.1	1,172,600	18,930
Invert of 3 penstocks, each 16 ft diameter	552.1	54,800	1,900
Invert of 8.5-ft outlets	535.9	28,500	1,200
Usable storage below	681.1	1,144,100	—

**GENERAL**

Construction started	February 19, 1937
Deliberate impoundment began	September 9, 1940
First power unit in operation	January 27, 1941
Dam completed	May 1942
General Contractor	The Marshall Ford Co.
Estimated cost of the project	\$27,700,578

