

Max Starcke Dam and Marble Falls Lake

OWNER

Lower Colorado River Authority.

ENGINEER (Design)

Fargo Engineering Company.

LOCATION

On the Colorado River in Burnet County, near Marble Falls.

DRAINAGE AREA

36,325 square miles of which 11,900 square miles is probably noncontributing. River flow is regulated by upstream storage and powerplant operation.

DAM

Type	Concrete with roof-weir gates
Length	860 ft including the powerhouse
Height	98.8 ft to top of the control piers

SPILLWAY

Type	Ogee section
Length (net)	608.3 ft
Crest elevation	725.0 ft above msl
Control	10 roof-weir gates, each 60.83 by 13 ft

OUTLET WORKS

None. Water releases made through turbine operation.

POWER FEATURES

Two generating units, each 15,000 kw capacity.

STATE AUTHORIZATION

Permit No. 998 (Application No. 1022) November 4, 1927, allocates 1,305,000 acre-feet of water for conservation, irrigation and hydroelectric power generation uses. Several other water rights are included in this permit.

RESERVOIR DATA (Lower Colorado River Authority Survey 1964)

Capacity at operating elevation	738.0 ft above msl	8,760 acre-feet
Area at operating elevation	738.0 ft above msl	780 acres
Invert to penstock elevation	710.0 ft above msl	

GENERAL

Construction started	November 6, 1949
Deliberate impoundment began	July 1951
Power generating started	September 25, 1951
Dam completed	October 1951
General contractor	Brown & Root, Inc.
Estimated total project cost	\$6,768,395

