Alcoa Dam and Alcoa Lake

OWNER

Aluminum Company of America.

ENGINEER (Design)

Ebasco Services, Inc.

LOCATION

On Sandy Creek in Milam County, 7 miles southwest of Rockdale.

DRAINAGE AREA

6 square miles. Most of the water is pumped from the Little River.

DAM

Type	Earthfill
Length	5,430 ft
Height	50 ft
Top width	15 ft
Top elevation	475.0 ft above msl

SPILLWAY

Type	Concrete structure
Control	2 tainter gates, each 33 ft by 20 ft
Crest elevation	448.5± ft above msl
Top of gates elevation	468.75 (1970 information)

STATE AUTHORIZATION

Permit No. 1608 (Application No. 1733), February 13, 1952, allows storage of 12,000 acre-feet and annual use of 18,000 acre-feet of water by pumping from the Little River.
Permit No. 1608A (Application No. 1733A), June 13, 1972, authorized increase in capacity to 14,750 acre-feet at elevation 468.50 feet above msl.

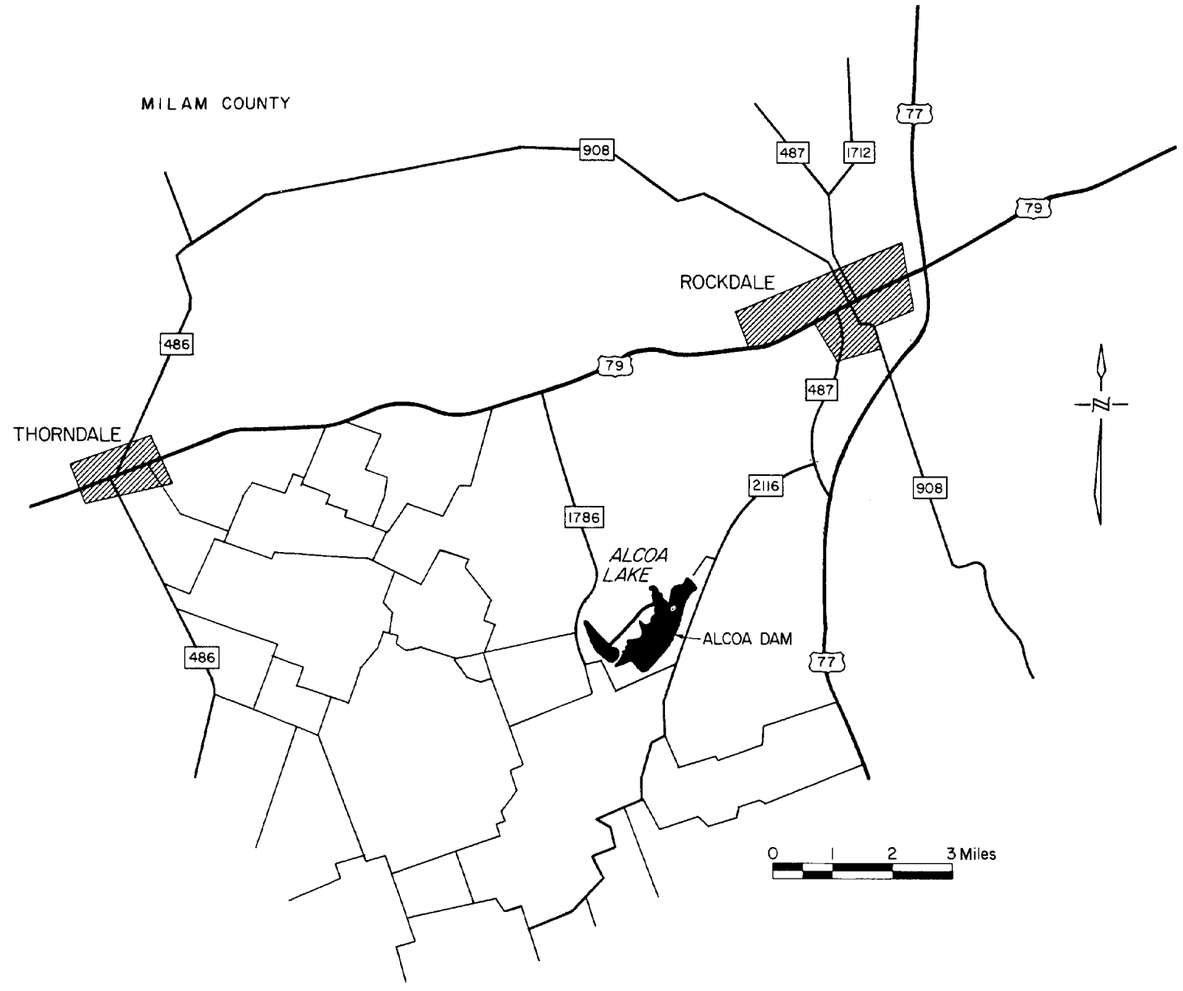
RESERVOIR DATA (Based on area from topographic map of the lake area Rockdale works revised January 10, 1957)

Capacity	14,750 acre-feet at elevation 468.50 ft above msl
Area	880 acres at elevation 468.50 ft above msl

Note: Operating elevation raised in 1955 to 468.50.

GENERAL

Construction started	February 17, 1952
Dam completed	October 1952
Gates installed	January 1953
Water pumping began	January 13, 1953
General contractor	Ebasco Services, Inc.



Information courtesy of the Aluminum Company of America