

# LAKE THUNDERBIRD

**LOCATION OF DAM**—Lake Thunderbird's Dam (Norman Dam) is in the Arkansas River Basin on Little River at mile 96.2, Lat. 35°13'15", Long. 97°13'15" in Sec. 29, T9N, R1E in Cleveland County about 13 miles east of Norman.

**CONSTRUCTION STATUS**—Constructed by Bureau of Reclamation—Construction began August 1, 1962, and diversion began September 8, 1964. The project was placed in operation in March 1965. Total cost of the project is \$12,348,698.

**PURPOSE/AUTHORIZATION**—Flood control, municipal water supply, recreation and fish and wildlife. Authorized by Public Law 85-529, 86th Congress, Second Session, approved June 27, 1960. Project Document HD 420, 85th Congress, Second Session.

**STRUCTURE DATA**—The dam is a rolled earthfill structure 7,263 feet long which rises a maximum of 101 feet above the streambed. The spillway consists of one circular drop inlet 9'6" in diameter with a capacity of 2,840 cfs at top of maximum pool.

**SHORELINE LENGTH**—86 miles

**DRAINAGE AREA**—256 square miles

**DEPTH**—Mean 19.7 ft., Max. 91 ft. Based on normal pool elevation.

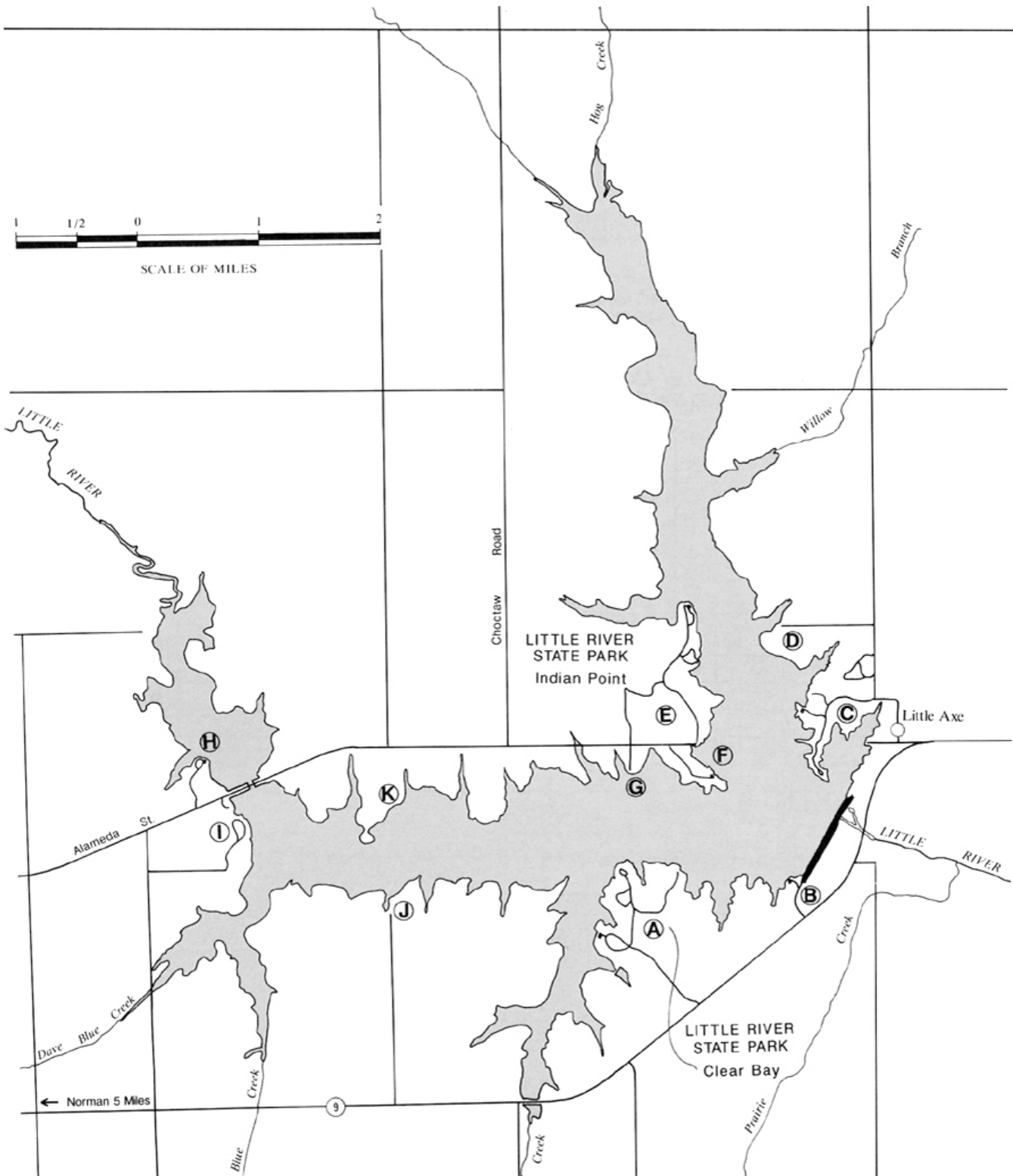
**LAKE DATA**—

	Elevation (NGVD)	Area (Acres)	Capacity (Acre-Feet)
Flood pool	1,049.4	8,800	196,200
Normal pool	1,039.0	6,070	119,600

RECREATIONAL AREAS	FACILITIES																			
	Boat Ramp	Picnic Area	Designated Campsites	Drinking Water	Group Shelter	Restrooms	Showers	Swimming Beach	Change House	Trailer Dump Station	Electric Outlets	Concession Services	Playground	Nature Trail	Marina	Golf Course	Cabins	Enclosed Fishing Dock	Boat Rentals	Swimming Pool
A <sup>1</sup>	●	●	●		●	●	●	●	●	●	●	●		●					●	
B	●	●	●		●	●				●				●						
C	●		●		●	●				●										
D	●		●		●	●				●										
E <sup>2</sup>	●	●	●	●	●	●	●	●	●	●	●			●						
F						●						●			●					
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**ADDITIONAL FACILITIES:** <sup>1</sup>Horseback riding and game room; <sup>2</sup>Archery range





**LEGEND**