

Physical Data

The Dam

Type:	Arch gravity
Height:	726.4 feet (221.3 meters)
Crest length:	1244 feet (379.2 meters)
Crest width:	45 feet (13.7 meters)
Base width:	660 feet (201.2 meters)
Volume of concrete:	3.25 million cubic yards (2.6 million cubic meters)

The Powerplant

Commercial generating units:	17
Station service units (to run dam and powerplant):	2
Nameplate capacity:	2080 megawatts (including station service)
Length (each wing):	650 feet (198 meters)
Width (each wing):	55 feet (16.8 meters)
Height (each wing):	75 feet (22.8 meters)

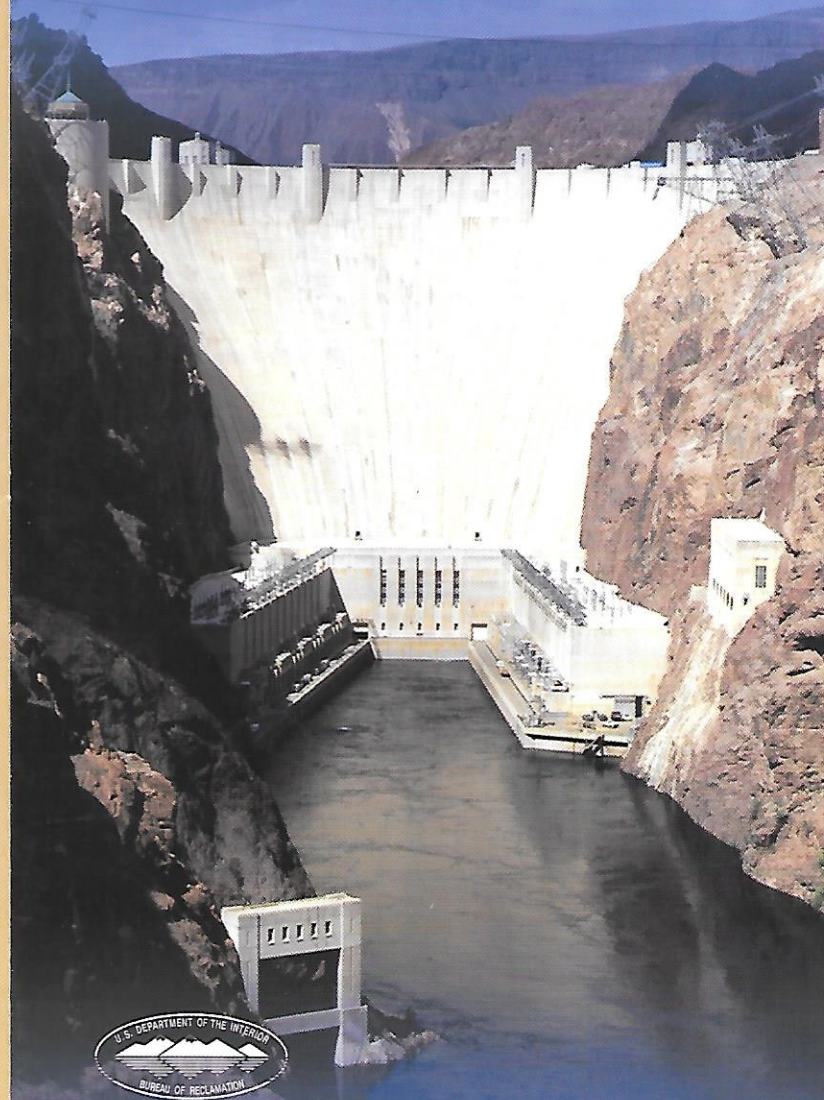
Lake Mead

Shoreline:	550 miles (885 kilometers)
Capacity:	28,254,000 acre-feet (34.85 billion cubic meters)
Maximum depth:	498 feet (151.4 meters)
Surface area:	156,800 acres (63,455 hectares)
Length when full:	110 miles (177 kilometers)

All figures are for the reservoir at the top of conservation storage - elevation 1219.6 feet (368.7 meters) above mean sea level

RECLAMATION
Managing Water in the West

HOOVER DAM



U.S. Department of the Interior
Bureau of Reclamation