

Berlin Lake

Authorized by the Flood Control Act of 1938, Berlin Lake is one of 16 flood control projects in the Pittsburgh District. The project provides flood protection for the Mahoning River Valley as well as for the Beaver and Upper Ohio Rivers. Since its completion in 1943, Berlin has prevented flood damages estimated to be in excess of \$1 billion. The project has the capability to store the equivalent run-off of 6.9 inches of precipitation from its 249 square mile drainage area.

The project also provides communities downstream with a clean and dependable water supply and has helped to alleviate pollution problems along the Mahoning River Valley. Additionally, Deer Creek Dam, which was built on project lands by the City of Alliance, Ohio, under agreement with the Department of the Army, provides a reservoir for domestic water supply to nearby communities.

Lake & Dam Statistics

Location: On Mahoning River in Mahoning and Portage Counties, Ohio, about 35 miles upstream from Warren, Ohio. The lake is located in Mahoning, Portage and Stark Counties.	
Project area, acres:	7,990
Drainage area above dam, square miles:	249
Construction cost:	\$6,000,000

Dam

Type of structure: Partially controlled concrete gravity type with center spillway flanked by rolled earth filled abutments	
Height above streambed, feet:	96
Length, feet (concrete section):	663.5
Width at base, feet (concrete section):	73
Volume of concrete, cubic yards:	61,878
Volume of earth and rock fill, cubic yards:	349,759
Outlet Works: Discharge is regulated by the control tower containing three 36" ball valves, two 36" ring jets and four 18' x 30' tainter gates	

Lake

Length at normal pool, miles:	18.6
Area, acres:	
Maximum (reservoir full):	5,500
Normal (summer pool):	3,590
Elevation, feet above sea level:	
Maximum (reservoir full):	1,032
Normal (summer pool):	1,024
Streambed at dam:	949