

Crooked Creek Lake

Authorized by the Flood Control Acts of 1936 and 1938, Crooked Creek Lake is one of 16 flood control projects in the Pittsburgh District. An important link in a system of flood control projects, Crooked Creek provides flood protection for the lower Allegheny and Ohio rivers. The construction cost of over \$4 million appears small when compared to the giant saving which have resulted. Since its completion in 1940, the project has prevented flood damages estimated to be in excess of \$535 million.

Crooked creek also stores water and releases it downstream during dry periods to improve water quality and quantity for domestic and industrial use, navigation, recreations, esthetics and aquatic life.

Lake and Dam Statistics

Location:	On Crooked Creek in Armstrong County, Pa., 6.7 miles above the junction of the creek with the Allegheny River near Ford City, Pa.
Purpose:	Flood control, water quality, recreation and fish and wildlife conservation
Project area, acres:	2,664
Drainage area above dam, square miles:	277
Construction cost:	\$4,000,000

Dam:

Type of structure:	rolled earth fill with impervious core
Height above streambed, feet:	143
Length, feet:	1,480
Width at base, feet:	975
Volume of earth and rock fill, cubic yards:	1,350,500
Outlet Works:	concrete lined tunnel 15'6" in diameter and 1,320' long
Number of 6' x 13' vertical lift gates:	3
Number of 24" gate valves:	2

Lake

Length at normal pool, miles:	5.25
Area, acres:	
Maximum (reservoir full):	1,940
Normal (summer pool):	350
Elevation, feet above sea level:	
Maximum (reservoir full):	920
Normal (summer pool):	845
Streambed at dam:	803