

# Conemaugh River Lake

Authorized by the Flood Control Acts of 1936 and 1938, Conemaugh River Lake is one of 16 flood control projects in the Pittsburgh District. Conemaugh Dam provides flood protection for the lower Conemaugh Valley, the Kiskiminetas Valley, the lower Allegheny Valley and the upper Ohio River Valley. When rainfall, melting snow or stream flows indicate the possibility of flooding, run-off is retained behind the Conemaugh Dam. Water is stored until it can be released without increasing flood conditions downstream of the dam.

Since its completion in 1952, Conemaugh has prevented more than \$2.2 billion in flood damage. In September 2004 when Hurricane Ivan struck the area, Conemaugh Dam alone prevented of \$375 million in flood damage. Conemaugh Dam is able to reduce flood levels at The Point in Pittsburgh by four feet.

## Lake & Dam Statistics

<b>Location:</b> On the Conemaugh River, between Blairsville and Saltsburg, Pa., 7.5 miles upriver from the junction where the Conemaugh River and Loyalhanna Creek unite to form the Kiskiminetas River.	
<b>Project area, acres:</b>	8,954
<b>Drainage area above dam, square miles:</b>	1,351
<b>Construction cost:</b>	\$30,288,000

## Dam

<b>Type of structure:</b>	Concrete gravity
<b>Height above river bottom, feet:</b>	137
<b>Length, feet:</b>	1,265
<b>Width at base, feet:</b>	128
<b>Volume of concrete, cubic yards:</b>	355,500
<b>Outlet Works:</b> Discharge is regulated by the control tower containing 13-5.67' x 10' sluice gates and 14-30' x 30' crest gates.	

## Lake

<b>Length at normal pool, miles:</b>	7.6
<b>Area, acres:</b>	
<b>Maximum (reservoir full):</b>	6,820
<b>Normal (summer pool):</b>	800
<b>Elevation, feet above sea level:</b>	
<b>Maximum (reservoir full):</b>	976
<b>Target Summer Pool:</b>	903
<b>River bottom:</b>	850