

Date Placed in
Operation: Jan '74

Drainage Area in
Sq. Mi.: 379

BROOKVILLE LAKE

FREQUENCY OF EXCEEDENCE*	ELEVATION M.S.L.	FACILITIES
	809	TOP OF DAM
	785	Top of Dunlapville Dike
	780	Floor of Mounds Sewage Treatment Plant
	775	Floor of Quakertown Beach House
90 Yr.	775	FLOOD POOL - Spillway Floor
	772	Floor of Mounds Beach House
	770	Floor of Sluice Gate at Dunlapville Dike
50 Yr.	768	Marina Store at Fairfield is flooded
25 Yr.	763	Hanna Creek Sailboat Dock and Fairfield Marina Dock goes under water
4 Yr.	753	Top of Platform on back of Tower
	750	Beach is covered
	749	Beach is half-covered
	748.5	Interference with boat dock
	748	SUMMER POOL
	746	Hanna Creek Sailboat Rec area closed
	746	Quakertown Marina Inc., inoperable
	744	Garr Hill Boat Rental & Kent's Harbor inoperable
		Fairfield Beach & Quakertown Beach closed
	740	WINTER POOL

BROOKVILLE LAKE (cont.)

Record Pools		Operating Levels			
Date	Elevation	Pool	Elevation M.S.L.	Area Acres	Length Miles
May '83	755.5				
May '95	755.15	Winter	740	4510	15.0
Mar '79	754.3	Summer	748	5260	16.4
Aug '80	751.6	Flood	775	7790	20.8
Mar '78	751.3				

<u>Ramp</u>	<u>Elevation of Concrete</u>	
	<u>Top</u>	<u>Bottom</u>
Bonwell Hill	761	710
Garr Hill	765.5	737
Fairfield	769	710
Egypt Hollow	753	737
Hanna Creek	761.5	735
Quakertown	762	737
Dunlapsville	772	737
Treaty Line	753	730
Templeton	762	735

<u>Beach</u>	<u>Elevation of Sand</u>	
	<u>Top</u>	<u>Bottom</u>
Mounds	751	743
Quakertown	751	742.5

***Frequency of exceedence based on simulated operation for the years 1939-1980.**