

**Date Placed in  
Operation: Feb '74**

**Drainage Area in  
Sq. Mi.: 826**

**CAVE RUN LAKE**

<b>FREQUENCY OF EXCEEDENCE*</b>	<b>ELEVATION M.S.L.</b>	<b>FACILITIES</b>
	<b>788</b>	<b>TOP OF DAM/SERVICE BRIDGE</b>
<b>50 Yr.</b>	<b>765</b>	<b>FLOOD POOL - SPILLWAY</b>
	<b>764.46</b>	<b>Chemical toilets at Stoney Cove Recreation Area upper lot flooded</b>
	<b>762.1</b>	<b>Stoney Cove Recreation Area upper lot flooded.</b>
<b>7 Yr.</b>	<b>760</b>	<b>F-Loop flooded (13 sites) at Twin Knobs Campground.</b>
	<b>759.28</b>	<b>Access blocked to Stoney Cove Recreation Area upper lot.</b>
	<b>758</b>	<b>Flood water begins to enter vents on lift station housing at Twin Knobs Beach (electric motors, compressors, and control box must be removed).</b>
<b>5 Yr.</b>	<b>755</b>	<b>Cave Run Marinas unable to operate</b>
	<b>753</b>	<b>Flood water enters gravity manhole at Twin Knobs Beach lift station.</b>
	<b>750</b>	<b>Chemical toilets flooded at Poppin Rock Boat ramp.</b>
	<b>749.46</b>	<b>Chemical toilets flooded at Stoney Cove Recreation area berm lot. Picnic site No. 1 at Stoney Cove Recreation Area inundated.</b>
<b>2 Yr.</b>	<b>745</b>	<b>Maximum elevation for lake buoy anchor lines to remain in place. Offshore mooring buoys at Cave Run marinas submerge.</b>
	<b>743.5</b>	<b>Public access to Zilpo Boat ramp begins to flood.</b>
	<b>742</b>	<b>Berm lot at Stoney Cove Recreation Area begins to flood and is closed to public. Interrupt power to overhead lights at Alfrey Boat ramp.</b>
	<b>741.34</b>	<b>Picnic site No. 2 at Stoney Cove Recreation Area inundated.</b>

**CAVE RUN LAKE (cont.)**

- 741**                    **Interrupt power to Twin Knobs Campground Boat ramp lights.**
- 740**                    **Control Tower platform (bulk head storage). Interrupt power to Scott Creek Boat ramp lights.**  
**Public access begins flooding at the following boat ramps; Twenty-six, Poppin Rock, Leatherwood. Chemical toilets flooded at the following sites: Warix Run, Claylick and Leatherwood Boat Ramps, and Shallow Flats Fishing Access.**
- 738**                    **Public access to Warix Run Boat ramp begins to flood. Zilpo Campground H-Loop flooded.**
- 737**                    **Interrupt power to lights at Warix Run Boat ramp.**  
**Chemical toilets at Longbow Boat Ramp flooded.**
- 736**                    **Chemical toilets at Bangor Boat Ramp flooded.**  
**Public access to Scott Creek Boat ramp begins to flood.**
- 735**                    **Picnic site No. 3 at Stoney Cove Recreation Area inundated.**  
**Public access begins to flood at the following boat ramps: Bangor, Alfrey, Longbow.**
- 734**                    **Lower access to Claylick Boat ramp begins to flood.**  
**Trashcan screens at Twin Knobs Beach flooded.**
- 733**                    **Access to Twin Knobs Campground boat ramp boat ramp begins to flood.**
- 732**                    **Sidewalk at Twin Knobs Beach inundated; signs and lifeguard chairs must be moved.**
- 731**                    **Twin Knobs Campground fishing points on A-Loop and I-Loop are inundated.**
- 730**                    **SUMMER POOL**
- 724**                    **WINTER POOL**
- Below 724**           **Longbow Marina subject to damage**

**CAVE RUN LAKE (cont.)**

<b>Record Pools</b>		<b>Operating Levels</b>			
<b>Date</b>	<b>Elevation</b>	<b>Pool</b>	<b>Elevation M.S.L.</b>	<b>Area Acres</b>	<b>Length Miles</b>
Dec '78	755.1				
Mar '89	755.0	Winter	724	7390	44.9
Mar '79	753.9	Summer	730	8270	48.1
Jan '91	753.5	Flood	765	14870	66.2
Mar '94	751.4				
May '84	747.8				
May '83	744.8				
May '95	742.4				
Dec '90	742.2				
Apr '75	741.2				
Apr '98	738.1				

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