

## OUTFLOW GUIDANCE for BLACK ROCK DAM BRANCH BROOK, CONNECTICUT

April 1, 2014		Maximum Outflow (cfs)	Minimum Outflow and Aquatic Base Flow (ABF) in cfs			Maximum change in Outflow (cfs/hr)	
			Oct. – Feb. ABF=20 cfs	March – April ABF=80 cfs	May – Sept. ABF=10 cfs	Increase	Decrease
<b>BLACK ROCK DAM</b> (DA = 20.4 sq.mi.)	FLOOD CONTROL	800	20 cfs			200 cfs/hr to 600 cfs then 100 cfs/hr	300 cfs/hr
	NORMAL OPERATION	NA	20 cfs or inflow whichever is less	80 cfs or inflow whichever is less	10 cfs or inflow whichever is less	<u>Weir control normal pool;</u> however, if needed, incremental gate changes to closely mimic run-of-river flow conditions	
	MAINTENANCE	NA				20 cfs/hr below 80 cfs and 40 cfs/hr above 80 cfs	

**NOTES:**

1. When storing water to raise the pool to a target level, and inflow is less than the seasonal ABF, outflow will be equal to 70% of inflow, therefore, storing only 30% of inflow.
2. Normal pool level: 27.0 ft