

OUTFLOW GUIDANCE for WESTVILLE DAM QUINEBAUG RIVER, MASSACHUSETTS

Revised April 1, 2014		Maximum Outflow (cfs)	Minimum Outflow and Aquatic Base Flow (ABF) (cfs)			Maximum change in Outflow (cfs/hr)	
			Oct. – Feb. ABF=100 cfs	March – April ABF=400 cfs	May – Sept. ABF=50 cfs	Increase	Decrease
WESTVILLE DAM (DA = 99.5 sq.mi.)	FLOOD CONTROL	1,600	50 cfs			200 cfs/hr to 900 cfs then 100 cfs/hr	500 cfs/hr
	NORMAL OPERATION	NA	100 cfs or inflow whichever is less	400 cfs or inflow whichever is less	50 cfs or inflow whichever is less	<u>Weir controls normal pool;</u> however, if needed, incremental gate changes to closely mimic run-of-river flow conditions	
	MAINTENANCE	NA				100 cfs/hr below 400 cfs and 200 cfs/hr above 400 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: 10 ft