

OUTFLOW GUIDANCE for EDWARD MACDOWELL DAM NUBANUSIT BROOK, NEW HAMPSHIRE

Revised April 1, 2014		Maximum Outflow (cfs)	Minimum Outflow and Aquatic Base Flow (ABF) (cfs)			Maximum change in Outflow (cfs/hr)	
			Oct. – March ABF=45 cfs	April – May ABF=175 cfs	June – Sept. ABF=25 cfs	Increase	Decrease
MACDOWELL DAM (DA = 44 sq.mi.)	FLOOD CONTROL	650	25 cfs			100 cfs/hr to 400 cfs then 50 cfs/hr	200 cfs/hr
	NORMAL OPERATION	NA	45 cfs or inflow whichever is less	175 cfs or inflow whichever is less	25 cfs or inflow whichever is less	<u>Weir controls normal pool</u> ; however, if needed, gate changes to closely mimic run-of-river flow conditions	
	MAINTENANCE	NA				45 cfs/hr below 175 cfs and 90 cfs/hr above 175 cfs	

NOTES:

1. When storing water to raise the pool to a target pool 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 levels: May through November: 911.0 ft-NGVD (7 ft); December through April: 912.0 ft-NGVD (8 ft)