

OUTFLOW GUIDANCE for NORTH SPRINGFIELD DAM BLACK RIVER, VERMONT

Revised April 1, 2014		Maximum Outflow (cfs)	Minimum Outflow and Aquatic Base Flow (ABF) (cfs)			Maximum change in Outflow (cfs/hr)		
			Oct. – March ABF=160 cfs	April – May ABF=630 cfs	June – Sept. ABF=80 cfs	Increase	Decrease	
NORTH SPRINGFIELD DAM (DA = 158 sq.mi.)	FLOOD CONTROL	3,500	160 cfs			80 cfs	500 cfs/hr to 3,000 cfs then 200 cfs/hr	1,200 cfs/hr
	NORMAL OPERATION	NA	160 cfs or inflow whichever is less	630 cfs or inflow whichever is less	80 cfs or inflow whichever is less	<u>Weir controls normal pool;</u> however, if needed, incremental gate changes as needed to closely mimic run-of-river flow conditions		
	MAINTENANCE	NA				160 cfs/hr below 630 cfs and 320 cfs/hr above 630 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: 15 ft