

OUTFLOW GUIDANCE for HOPKINTON DAM CONTOOCCOOK RIVER, 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=425 cfs	April – May ABF=1700 cfs	June – Sept. ABF=215 cfs	Increase	Decrease
HOPKINTON DAM (DA = 426 sq.mi.)	FLOOD CONTROL	7,000	100 cfs			500 cfs/hr to 5,500 cfs then 300 cfs/hr	2,500 cfs/hr
	NORMAL OPERATION	NA	425 cfs or inflow whichever is less	1,700 cfs or inflow whichever is less	215 cfs or inflow whichever is less	<u>Hydro.maintains normal pool;</u> however, if needed, gate changes to closely mimic run-of-river flow conditions	
	MAINTENANCE	NA				425 cfs/hr below 1,700 cfs and 850 cfs/hr above 1,700 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: December through April: 382.0 ft-NGVD (16 ft); May through November: 380.0 ft-NGVD (14 ft)