

OUTFLOW GUIDANCE for FRANKLIN FALLS DAM PEMIGEWASSET 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=1000 cfs	April – May ABF=4000 cfs	June – Sept. ABF=500 cfs	Increase	Decrease
FRANKLIN FALLS DAM (DA = 1000 sq.mi.)	FLOOD CONTROL	18,000	N/A (2)			2,000 cfs/hr	6,000 cfs/hr
	NORMAL OPERATION	NA	1,000 cfs or inflow whichever is less	4,000 cfs or inflow whichever is less	500 cfs or inflow whichever is less	1,000 cfs/hr	1,000 cfs/hr
	MAINTENANCE	NA					

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. Franklin Falls is not a conventional flood storage project, as a result, high releases are usually made during a flood, subject to downstream capacity.
3. Franklin Falls Dam is a run-of-river project during normal periods and gate changes are generally never made.
4. Normal pool level: 307.0 ft-NGVD (7 ft) (drybed)