

OUTFLOW GUIDANCE for BALL MOUNTAIN DAM WEST 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=170 cfs	April – May ABF=690 cfs	June – Sept. ABF=90 cfs	Increase	Decrease	
BALL MOUNTAIN DAM (DA = 172 sq.mi.)	FLOOD CONTROL	5,000	170 cfs			90 cfs	1,000 cfs/hr to 4,000 cfs then 500 cfs/hr	1,600 cfs/hr
	NORMAL OPERATION	NA	170 cfs or inflow whichever is less	690 cfs or inflow whichever is less	90 cfs or inflow whichever is less	Incremental gate changes as needed to closely mimic run-of-river flow conditions		
	MAINTENANCE	NA				170 cfs/hr below 690 cfs and 340 cfs/hr above 690 cfs		
	WHITEWATER ⁽²⁾	1,500						

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. During the overnight hours between a 2-day whitewater event, a release equivalent to inflow will be maintained.
3. Normal pool levels: July to Sep 65 ft; Oct to March 35 ft; April to June 25ft