

OUTFLOW GUIDANCE for TOWNSHEND 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=280 cfs	April – May ABF=1100 cfs	June – Sept. ABF=140 cfs	Increase	Decrease
TOWNSHEND DAM (DA = 278 sq.mi.)	FLOOD CONTROL	9,000	280 cfs		140 cfs	1,000 cfs/hr to 7,000 cfs then 500 cfs/hr	3,000 cfs/hr
	NORMAL OPERATION	NA	280 cfs or inflow whichever is less	1100 cfs or inflow whichever is less	140 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				280 cfs/hr below 1,100 cfs and 560 cfs/hr above 1,100 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 whitewater releases outflow will generally require minimal ramping as releases from Ball Mountain Dam will be passed through Townshend Dam as part of the release. If ramping is needed, the above guidance will be followed.
3. Normal pool level: 21 ft