

OUTFLOW GUIDANCE for WEST THOMPSON DAM QUINEBAUG RIVER, CONNECTICUT

Revised April 1, 2014		Maximum Outflow (cfs)	Minimum Outflow and Aquatic Base Flow (ABF) (cfs)			Maximum change in Outflow (cfs/hr)	
			Oct. – Feb. ABF=175 cfs	March – April ABF=700 cfs	May – Sept. ABF=90 cfs	Increase	Decrease
WEST THOMPSON DAM (DA = 173.5 sq.mi.)	FLOOD CONTROL	2,300	90 cfs			500 cfs/hr to 1,600 cfs then 200 cfs/hr	800 cfs/hr
	NORMAL OPERATION	NA	175 cfs or inflow whichever is less	700 cfs or inflow whichever is less	90 cfs or inflow whichever is less	<u>Weir controls normal pool;</u> However, if needed incremental gate changes to closely mimic run-of-river flow conditions	
	MAINTENANCE	NA				175 cfs/hr below 700 cfs and 350 cfs/hr above 700 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 levels: Dec through Apr: 14 ft; May through Nov: 15 ft