

OUTFLOW GUIDANCE for MANSFIELD HOLLOW DAM NATCHAUG 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=160 cfs	March – April ABF=640 cfs	May – Sept. ABF=80 cfs	Increase	Decrease
MANSFIELD HOLLOW DAM (DA = 159 sq.mi.)	FLOOD CONTROL	2,900	80 cfs			500 cfs/hr to 2,000 cfs then 250 cfs/hr	1,000 cfs/hr
	NORMAL OPERATION	NA	160 cfs or inflow whichever is less	640 cfs or inflow whichever is less	80 cfs or inflow whichever is less	Incremental gate changes as needed to closely mimic run-of- river flow conditions	
	MAINTENANCE	NA				160 cfs/hr below 640 cfs and 320 cfs/hr above 640 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: May through Nov: 16.5 ft; Dec through Apr: 15 ft