

OUTFLOW GUIDANCE for COLEBROOK RIVER DAM W. BRANCH FARMINGTON RIVER, MASSACHUSETTS

Revised May 10, 2023		Maximum Outflow (cfs)	Minimum Outflow and Aquatic Base Flow (ABF) (cfs)			Maximum change in Outflow (cfs/hr)	
			Oct. – March ABF = 120 cfs	April – May ABF = 480 cfs	June – Sept. ABF = 60 cfs	Increase	Decrease
COLEBROOK RIVER DAM (DA=118 sq. mi.)	FLOOD CONTROL	3,000	50 cfs			300 cfs/hr	500 cfs/hr
	NORMAL OPERATION	NA	120 cfs or inflow whichever is less	480 cfs or inflow whichever is less	60 cfs or inflow whichever is less	Incremental gate changes as needed to closely mimic run-of-river conditions	
	MAINTENANCE	NA				120 cfs/hr below 480 cfs and 240 cfs/hr above 480 cfs	

NOTES:

1. The Maximum Outflow (3000 cfs) is the combined discharge of the West Branch of the Farmington River at Riverton and the Still River at Robertsville.
2. Releases from Colebrook are made directly into the pool of Goodwin Dam.
3. 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, only storing 30% of inflow.
4. Normal flood control: 708.0 ft-NGVD (133 ft)