

OUTFLOW GUIDANCE for NORTH SPRINGFIELD DAM BLACK RIVER, VERMONT

| Revised May 3, 2017 | | Maximum Outflow (cfs) | Minimum Outflow and Aquatic Base Flow (ABF) (cfs) | | | Maximum change in Outflow (cfs/hr) | | |
|---|---------------------|-----------------------------|--|--|---|---|---|--------------|
| | | | Oct. – March ABF=160 cfs | April – May ABF=630 cfs | June – Sept. ABF=80 cfs | Increase | Decrease | |
| NORTH SPRINGFIELD DAM (DA = 158 sq.mi.) | FLOOD CONTROL | 4,000 | 160 cfs | | | 80 cfs | 500 cfs/hr to 3,000 cfs then 200 cfs/hr | 1,200 cfs/hr |
| | NORMAL OPERATION | NA | 160 cfs or inflow whichever is less | 630 cfs or inflow whichever is less | 80 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 | | | | 160 cfs/hr below 630 cfs and 320 cfs/hr above 630 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 level: 15 ft