

**STANDARD OPERATING PROCEDURE (SOP)
FLOOD CONTROL REGULATION
EVERETT DAM AND RESERVOIR**

PHASE	24-HOUR RAINFALL ON		EVERETT RESERVOIR	RIVER INDEX STATIONS (STAGE IN FEET)		REGULATION INSTRUCTIONS	DUTIES DURING EACH PHASE
	SNOW COVERED, WET OR FROZEN GROUND	DRY GROUND		PISCATAQUOG RIVER AT GOFFSTOWN (202 SQ MI)	MERRIMACK RIVER AT		
					GOFFS FALLS (3,092 SQ MI)	LOWELL (4,635 SQ MI)	
I - APPRAISAL	1.0"	1.0"	342.0 and rising	5.0	----	----	NORMAL SETTING 0'-3'-0'
INITIAL REGULATION	2.0"	3.0"	As instructed	7.0	9.5	49.0	RESTRICT OUTFLOW As per RCC
II-CONTINUATION OF REGULATION	3.0"	4.0"	As instructed	7.5	11.0	50.0	RESTRICT OUTFLOW TO 32 cfs
III-EMPTYING THE RESERVOIR	STORM HAS ABATED		----	THE NORMAL MAXIMUM RELEASE RATE AT EVERETT IS 1,500 CFS.			
EMERGENCY OPERATION PROCEDURE (EOP) DURING COMMUNICATION FAILURE WITH RRT			NOTES:				
Gate operation for the following conditions:			<ol style="list-style-type: none"> Emptying the reservoir shall not be initiated until contact has been established with RCC. Rate of increase of discharge should not exceed 150 CFS per hour to 1,200 CFS then 100 CFS per hour to 1,500 CFS. Maximum rate of reservoir drawdown should not exceed 10 feet in 24 hours. Refer to Plate D-4 for road closures. Refer to section D-05 for snowmelt regulation. Refer to section D-05 for ice jam flooding. Refer to section D-05 for regulation during spillway discharge. During releases visual inspections will be made at Riverdale Dam to insure proper function and at Lynchville Park. 				
Goffstown Stage	5.0 and rising	5.5 and rising					

