

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

April 30, 2018

All Contents in Acre-Feet

RESERVOIR	TOTAL CAPACITY (includes dead storage)*	CONTENTS						READING DATE	COMMENTS
		Full Pool	Last Year	Last Month	PRESENT	% CAPACITY	% AVERAGE		
		1987 - 2017 for April	4/30/2017	3/31/2018	4/30/2018	4/30/2018	for April		
Clark Fork Basin									
E.F. ROCK CREEK	16,040	9,110	9,667	9,149	9,800	61	108	5/2/2018	elev. = 6,037.9 ft
NEVADA CREEK	11,207	9,758	11,325	8,577	11,857	106	122	5/1/2018	elev. = 4,617.74 ft
W.F. BITTERROOT	32,362	21,152	23,637	10,369	18,828	58	89	4/24/2018	elev. = 4,700.66 ft (spillway elev = 4,725.5 ft; began spilling on 4/30/18)
Lower Missouri Basin									
ACKLEY	6,722	3,509	3,636	2,880	3,325	49	95	5/2/2018	elev. = 4,303.0 ft (2,324 AF)
BAIR	7,300	4,683	4,819	2,911	5,110	70	109	5/2/2018	elev. = 5,316.0 ft
DEADMAN'S BASIN	75,968	52,476	60,550	66,003	70,218	92	134	5/2/2018	elev. = 3,918.2 ft (66,468 AF)
FRENCHMAN	2,777	2,577	2,850	--	4,316	155	168	4/24/2018	elev. = 2,266.68 ft
MARTINSDALE	23,348	12,349	15,115	16,192	23,131	99	187	5/3/2018	elev. = 4,779.02 ft
N.F.K. SMITH RIVER	11,406	8,151	7,149	4,750	9,923	87	122	5/3/2018	elev. = 5,483.31 ft
YELLOWWATER	3,842	1,760	3,057	2,976	3,915	102	222	5/1/2018	elev. = 3,118.8 ft
Upper Missouri Basin									
MIDDLE CREEK	10,184	6,585	6,557	5,527	6,662	65	101	5/2/2018	elev. = 6,704.5 ft
NILAN	10,992	7,875	10,374	8,996	10,980	100	139	5/2/2018	elev. = 4,442.48 ft (10,080 AF)
RUBY RIVER	37,612	36,686	38,047	32,932	38,163	101	104	5/2/2018	elev. = 5,393.5 ft
WILLOW CREEK	18,000	17,104	16,874	12,893	12,399	69	72	5/1/2018	elev. = 4,728.57 ft
Yellowstone Basin									
COONEY	28,230	22,677	25,989	22,089	22,930	81	101	5/2/2018	elev. = 4,244.7 ft (22,840 AF)
COTTONWOOD	1,900	1,586	1,974	2,040	2,134	112	135	4/25/2018	elev. = 5,103.36 ft
TONGUE RIVER	79,071	54,493	67,220	62,447	62,200	79	114	5/2/2018	elev. = 3,423.5 ft

* Note: Reservoir contents include dead storage at the following:

Ackley 1001 AF **
 Cooney 90 AF **
 Deadman's 3750 AF **
 Nilan 900 AF **

** O&M slope storage table does not include dead storage (so dead storage has to be added into the storage from the table)
 Tongue River 711 AF (O&M storage table includes dead storage)
 W. F. Bitterroot 656 AF (O&M storage table includes dead storage)
 Willow Creek 269 AF (O&M storage table includes dead storage)

* Note: Cooney capacity reflects capacity after 1982 dam rehabilitation; prior capacity was 24,195 A.F. Average storage shown is for post rehabilitation data.

* Note: Middle Creek capacity reflects capacity after 1993 dam rehabilitation; prior capacity was 8,027 A.F. Average storage shown is for post rehabilitation data.

* Note: Nevada Creek Reservoir Capacity reflects live storage capacity survey conducted in year 2000. Prior live storage capacity documented as 12,723 AF.

* Note: Tongue River capacity reflects capacity after 1999 dam rehabilitation; prior capacity was 68,040 A.F. Average storage is post rehabilitation data.

* Note: Frenchman Reservoir capacity tables updated based on aerial survey; prior capacity was 3752 A.F. Average shown is from 2008 forward.