

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

April 30, 2017

All Contents in Acre-Feet

RESERVOIR	TOTAL CAPACITY (includes dead storage)*	CONTENTS						READING DATE	COMMENTS
		Full Pool	Last Year	Last Month	PRESENT	% CAPACITY	% AVERAGE		
		1986 - 2016 for April	4/30/2016	3/31/2017	4/30/2017	4/30/2017	for April		
Clark Fork Basin									
E.F. ROCK CREEK	16,040	9,026	9,451	9,019	9,667	60	107	4/20/2017	elev. = 6,037.46 ft
NEVADA CREEK	11,207	9,795	9,802	9,781	11,325	101	116	4/29/2017	elev. = 4,616.32 ft
W.F. BITTERROOT	32,362	21,130	32,362	15,414	23,637	73	112	4/26/2017	elev. = 4,710.42 ft
Lower Missouri Basin									
ACKLEY	6,722	3,576	4,472	3,636	3,636	54	102	4/30/2017	elev. = 4,304.5 ft (2,635 AF)
BAIR	7,300	4,668	5,445	4,403	4,819	66	103	5/1/2017	elev. = 5,314.5 ft
DEADMAN'S BASIN	75,968	50,745	66,040	56,788	60,550	80	119	5/1/2017	elev. = 3,913.3 ft (56,800 AF)
FRENCHMAN	2,777	2,546	2,777	NA	2,850	103	112	5/1/2017	elev. = 2,264.77 ft
MARTINSDALE	23,348	12,386	17,949	10,921	15,115	65	122	4/26/2017	elev. = 4,769.84 ft
N.F.K. SMITH RIVER	11,406	8,261	6,789	6,431	7,149	63	87	4/26/2017	elev. = 5,473.66 ft
YELLOWWATER	3,842	1,695	3,268	3,089	3,057	80	180	4/27/2017	elev. = 3,116.35 ft
Upper Missouri Basin									
MIDDLE CREEK	10,184	6,406	6,946	5,723	6,557	64	102	5/1/2017	elev. = 6,703.9 ft
NILAN	10,992	7,862	9,300	9,162	10,374	94	132	5/2/2017	elev. = 4,441.38 ft (9,474 AF)
RUBY RIVER	37,612	36,757	38,268	34,175	38,047	101	104	5/1/2017	elev. = 5,393.4 ft
WILLOW CREEK	18,000	17,132	18,000	15,992	16,874	94	98	4/26/2017	elev. = 4,734.59 ft
Yellowstone Basin									
COONEY	28,230	22,630	25,985	23,990	25,989	92	115	5/1/2017	elev. = 4,248.4 ft (25,899 AF)
COTTONWOOD	1,900	1,562	1,835	NA	1,974	104	126	4/27/2017	elev. = 5,102.78 ft
TONGUE RIVER	79,071	53,745	69,747	64,654	67,220	85	125	5/1/2017	elev. = 3,425 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 pre aerial survey.