

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

January 31, 2016

All Contents in Acre-Feet

RESERVOIR	TOTAL CAPACITY (includes dead storage)*	CONTENTS						READING DATE	COMMENTS	
		Full Pool	30 YR AVERAGE	Last Year	Last Month	PRESENT	% CAPACITY			% AVERAGE
		Contents	1986 - 2016 for January	1/31/2016	12/31/2016	1/31/2017	1/31/2016			for January
Clark Fork Basin										
E.F. ROCK CREEK	16,040	8,335	7,610	7,599	8,157	51	98	1/31/2017	elev. = 6,032.5 ft	
NEVADA CREEK	11,207	5,211	7,477	3,245	3,619	32	69	1/30/2017	elev. = 4,590.33 ft	
W.F. BITTERROOT	32,362	7,024	6,819	6,700	6,031	19	86	2/1/2017	elev. = 4,662.0	
Lower Missouri Basin										
ACKLEY	6,722	2,860	3,926	3,553	3,553	53	124	1/6/2017	elev. = 4,304.1 (2,552 AF)	
BAIR	7,300	3,308	5,502	3,225	3,410	47	103	1/31/2017	elev. = 5,306.4 ft	
DEADMAN'S BASIN	75,968	40,360	54,418	40,745	45,916	60	114	1/30/2017	elev. = 3905.35 (42,166 AF)	
FRENCHMAN	2,777	2,270	2,777	1,606	1,606	58	71	10/20/2016	elev. = 2,263.43 ft (Not measured in January)	
MARTINSDALE	23,348	8,473	14,546	5,665	5,883	25	69	2/4/2017	elev. = 4,754.49 ft	
N.FK. SMITH RIVER	11,406	5,472	6,003	4,778	4,778	42	87	1/6/2017	elev. = 5,463.83 ft	
YELLOWWATER	3,842	1,492	3,072	2,878	2,878	75	193	1/6/2017	elev. = 3,115.8 ft	
Upper Missouri Basin										
MIDDLE CREEK	10,184	5,546	5,545	5,440	5,286	52	95	1/31/2017	elev. = 6,695.8 ft	
NILAN	10,992	6,209	4,612	5,841	5,841	53	94	12/4/2016	elev. = 4,430.76 ft (4,941 AF)	
RUBY RIVER	37,612	24,599	25,591	22,283	25,330	67	103	1/31/2017	elev. = 5,379.3 ft	
WILLOW CREEK	18,000	11,674	12,800	10,226	10,226	57	88	12/3/2016	elev. = 4,724.67 ft	
Yellowstone Basin										
COONEY	28,230	18,370	24,620	17,972	18,820	67	102	1/31/2017	elev. = 4,238.9 ft (18,730 AF)	
COTTONWOOD	1,900	792	1,256	588	588	31	74	12/7/2016	elev. = 5,094.09 ft	
TONGUE RIVER	79,071	34,282	50,178	49,941	50,249	64	147	1/31/2017	elev. = 3,419.5 ft	

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

Ackley	1001 AF	**	** O&M slope storage table does not include dead storage (so dead storage has to be added into the storage from the table)
Cooney	90 AF	**	Tongue River 711 AF (O&M storage table includes dead storage)
Deadman's	3750 AF	**	W. F. Bitterroot 656 AF (O&M storage table includes dead storage)
Nilan	900 AF	**	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