

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

December 31, 2016

All Contents in Acre-Feet

RESERVOIR	TOTAL CAPACITY (includes dead storage)*	CONTENTS					% CAPACITY 12/31/2016	%AVERAGE for December	READING DATE	COMMENTS
		AVERAGE	Last Year	Last Month	PRESENT					
		1960 - 2014 for December	12/31/2015	11/30/2016	12/31/2016	12/31/2016				
Clark Fork Basin										
E.F. ROCK CREEK	16,040	8,062	7,046	6,722	7,599	47	94	1/4/2017	elev. = 6,030.6 ft	
NEVADA CREEK	11,207	4,540	2,961	2,846	3,245	29	71	1/2/2017	elev. = 4,588.47 ft	
W.F. BITTERROOT	32,362	10,629	6,573	7,701	6,700	21	63	1/4/2017	elev. = 4,665.01	
Lower Missouri Basin										
ACKLEY	6,722	3,075	3,926	3,391	3,553	53	116	1/6/2017	elev. = 4,304.1 (2,552 AF)	
BAIR	7,300	3,434	4,985	3,062	3,225	44	94	1/4/2017	elev. = 5,305.2 ft	
DEADMAN'S BASIN	75,968	39,600	50,893	40,291	40,745	54	103	12/28/2016	elev. = 3,902.33 ft (36,995 AF)	
FRENCHMAN	2,777	2,298	1,454	1,606	1,606	58	70	10/20/2016	elev. = 2,263.43 ft (Not measured in December)	
MARTINSDALE	23,348	8,976	14,329	5,761	5,665	24	63	1/6/2017	elev. = 4,753.9 ft	
N.F.K. SMITH RIVER	11,406	5,733	5,812	4,735	4,778	42	83	1/6/2017	elev. = 5,463.83 ft	
YELLOWATER	3,842	1,317	3,080	2,878	2,878	75	219	1/6/2017	elev. = 3,115.8 ft	
Upper Missouri Basin										
MIDDLE CREEK	10,184	4,336	5,553	5,482	5,440	53	125	1/4/2017	elev. = 6,696.9 ft	
NILAN	10,992	5,960	4,612	5,841	5,841	53	98	12/4/2016	elev. = 4,430.76 ft (4,941 AF)	
RUBY RIVER	37,612	20,617	21,394	18,181	22,283	59	108	1/4/2017	elev. = 5,375.4 ft	
WILLOW CREEK	18,000	9,540	12,800	10,133	10,226	57	107	12/3/2016	elev. = 4,724.67 ft	
Yellowstone Basin										
COONEY	28,230	10,393	19,220	18,075	17,972	64	173	1/4/2017	elev. = 4,237.6 ft (17,882 AF)	
COTTONWOOD	1,900	768	1,290	588	588	31	77	12/7/2016	elev. = 5,094.09 ft	
TONGUE RIVER	79,071	30,356	48,955	49,100	49,941	63	165	1/4/2017	elev. = 3,419.4 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