

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

September 30, 2016

All Contents in Acre-Feet

RESERVOIR	TOTAL CAPACITY (includes dead storage)*	CONTENTS					% CAPACITY 9/30/2016	%AVERAGE for September	READING DATE	COMMENTS
		AVERAGE	Last Year	Last Month	PRESENT					
		1960 - 2014	9/30/2015	8/31/2016	9/30/2016					
Clark Fork Basin										
E.F. ROCK CREEK	16,040	6,062	NA	5,367	4,789	79	79	10/3/2016	elev. = 6,019.96	
NEVADA CREEK	11,207	4,294	1,845	2,522	1,758	16	41	9/30/2016	elev. = 4,579.66	
W.F. BITTERROOT	32,362	12,182	4,663	18,390	11,235	35	92	9/4/2016	elev. = 4680.78	
Lower Missouri Basin										
ACKLEY	6,722	3,307	4,029	3,561	3,387	50	102	9/30/2016	elev. = 4,303.3 (2,386 AF)	
BAIR	7,300	2,871	5,194	2,706	2,657	36	93	9/29/2016	elev. = 5,300.98	
DEADMAN'S BASIN	75,968	32,814	47,849	35,978	34,888	46	106	9/29/2016	elev. = 3,898.77 (31,138 AF)	
FRENCHMAN	2,777	2,353	2,112	2,548	3,244	117	138	9/13/2016	elev. = 2,263.52	
MARTINSDALE	23,348	8,593	12,934	6,041	5,200	22	61	9/29/2016	elev. = 4,752.64	
N.FK. SMITH RIVER	11,406	4,874	5,114	5,511	3,948	35	81	9/29/2016	elev. = 5,460.22	
YELLOWWATER	3,842	1,291	3,073	2,490	2,570	67	199	9/27/2016	elev. = 3,114.85	
Upper Missouri Basin										
MIDDLE CREEK	10,184	4,245	5,721	6,445	5,619	55	132	9/28/2016	elev. = 6,698	
NILAN	10,992	5,417	5,772	6,861	5,063	46	93	9/28/2016	elev. = 4,428.20 (4,163 AF)	
RUBY RIVER	37,612	10,781	10,033	12,881	7,766	21	72	10/3/2016	elev. = 5,347.43	
WILLOW CREEK	18,000	7,450	9,245	9,378	8,645	48	116	9/26/2016	elev. = 4,721.45	
Yellowstone Basin										
COONEY	28,230	15,051	18,470	16,493	14,079	50	94	9/20/2016	elev. = 4,231.30 (13,989 AF)	
COTTONWOOD	1,900	638	1,104	510	507	27	79	9/30/2016	elev. = 5,093.18	
TONGUE RIVER	79,071	26,889	47,616	44,734	42,393	54	158	10/2/2016	elev. = 3,416.50	

* 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