

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

September 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 Contents for September	9/30/2016	8/31/2017	9/30/2017	9/30/2017	for September		
Clark Fork Basin									
E.F. ROCK CREEK	16,040	5,600	4,789	5,066	4,500	28	80	10/3/2017	elev.= 6,018.7 ft
NEVADA CREEK	11,207	4,002	1,758	5,812	3,284	29	82	10/2/2017	elev.= 4,588.67 ft
W.F. BITTERROOT	32,362	7,597	11,235	16,475	8,460	26	111	9/21/2017	elev.= 4,671.48 ft
Lower Missouri Basin									
ACKLEY	6,722	3,086	3,387	3,063	2,837	42	92	9/29/2017	elev.= 4,300.04 ft (1,836 AF)
BAIR	7,300	2,791	2,657	2,481	2,113	29	76	10/3/2017	elev.= 5,296.1 ft
DEADMAN'S BASIN	75,968	33,674	34,888	45,871	43,694	58	130	10/3/2017	elev.= 3,904.1 ft (39,944 AF)
FRENCHMAN	2,777	1,620	2,777	1,328	--	--	--	--	September measurements have not been reported.
MARTINSDALE	23,348	8,331	5,200	11,736	10,536	45	126	9/29/2017	elev.= 4,763.21 ft
N.F.K. SMITH RIVER	11,406	4,419	3,948	4,983	4,272	37	97	9/28/2017	elev.= 5,461.63 ft
YELLOWWATER	3,842	1,533	2,570	1,656	1,656	43	108	9/27/2017	elev.= 3,111.5 ft
Upper Missouri Basin									
MIDDLE CREEK	10,184	5,208	5,619	6,465	5,676	56	109	10/3/2017	elev.= 6,698.4 ft
NILAN	10,992	5,540	5,063	7,185	5,706	52	103	9/28/2017	elev.= 4,430.33 ft (4,806 AF)
RUBY RIVER	37,612	9,807	7,766	13,145	9,738	26	99	10/3/2017	elev.= 5,352.5 ft
WILLOW CREEK	18,000	7,300	8,645	10,036	8,272	46	113	9/29/2017	elev.= 4,721.37 ft
Yellowstone Basin									
COONEY	28,230	15,241	14,079	21,595	20,952	74	137	10/3/2017	elev.= 4,242.0 ft (20,862 AF)
COTTONWOOD	1,900	699	507	590	600	32	86	9/26/2017	elev.= 5,094.22 ft
TONGUE RIVER	79,071	42,149	42,393	54,795	50,205	63	119	10/3/2017	elev.= 3,419.5 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 pre aerial survey.