

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

May 31, 2019

All Contents in Acre-Feet

RESERVOIR	TOTAL CAPACITY (includes dead storage)*	CONTENTS						READING DATE	COMMENTS
		30 YR AVERAGE	Last Year	Last Month	PRESENT	% CAPACITY	% AVERAGE		
		1988- 2018 for May	5/31/2018	4/30/2019	5/31/2019	5/31/2019	for May		
Clark Fork Basin									
E.F. ROCK CREEK	16,040	11,149	9,800	9,513	13,156	82	118	6/4/2019	elev. = 6,047.9 ft
NEVADA CREEK	11,207	10,739	11,857	11,336	11,318	101	105	6/3/2019	elev. = 4,616.3 ft
W.F. BITTERROOT	32,362	32,985	18,828	28,519	33,452	103	101	5/31/2019	elev. = 4,727.07 ft
Lower Missouri Basin									
ACKLEY	6,722	4,956	3,325	5,198	6,296	94	127	5/30/2019	elev. = 4,316.3 ft (5,295 AF)
BAIR	7,300	5,285	5,110	6,876	7,332	100	139	6/4/2019	elev. = 5,325.1 ft
DEADMAN'S BASIN	75,968	52,934	70,218	71,853	76,406	101	144	6/4/2019	elev. = 3,921.2 ft (72,656 AF)
FRENCHMAN	2,777	2,774	4,316	--	--	--	--	--	Not Reported
MARTINSDALE	23,348	15,842	23,131	19,964	23,622	101	149	6/1/2019	elev. = 4,779.54 ft
N.F.K. SMITH RIVER	11,406	10,044	9,923	11,558	11,541	101	115	5/29/2019	elev. = 5,488.34 ft
YELLOWWATER	3,842	1,856	3,915	3,835	4,277	111	230	5/30/2019	elev. = 3,119.7 ft
Upper Missouri Basin									
MIDDLE CREEK	10,184	9,410	6,662	6,459	10,307	101	110	6/4/2019	elev. = 6,721.5 ft
NILAN	10,992	8,979	10,980	10,434	11,144	101	124	5/30/2019	elev. = 4,442.75 ft (10,244 AF)
RUBY RIVER	37,612	36,770	38,163	37,894	37,976	101	103	6/4/2019	elev. = 5,393.3 ft
WILLOW CREEK	18,000	16,668	12,399	13,145	14,887	83	89	6/3/2019	elev. = 4,732.3 ft
Yellowstone Basin									
COONEY	28,230	24,644	22,930	25,136	28,273	100	115	6/4/2019	elev. = 4,251.1 ft (28,183 AF)
COTTONWOOD	1,900	1,659	2,134	1,958	1,947	102	117	5/30/2019	elev. = 5,102.67 ft
TONGUE RIVER	79,071	73,662	62,200	73,373	82,802	105	112	6/4/2019	elev. = 3,429.4 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 from 2008 forward.