

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

January 31, 2013

All Contents in Acre-Feet

RESERVOIR	TOTAL CAPACITY (includes dead storage)*	CONTENTS				% CAPACITY	%AVERAGE	READING DATE	COMMENTS
		AVERAGE 1960 - 2012	Last Year 1/31/2012	Last Month 12/31/2012	PRESENT 1/31/2013				
	Full Pool								
	Contents								
ACKLEY	6,722	3,207	3,873	2,913	2,913	43	91	1/31/2013	volume estimated
BAIR	7,300	3,536	5,600	4,120	4,300	59	122	1/31/2013	volume estimated
CATARACT	1,478	398	412	225	225	15	57	1/31/2013	volume estimated
COONEY	28,230	17,997	18,100	16,688	17,516	62	97	2/1/2013	elev.=4236.88 (17,426 AF)
COTTONWOOD	1,900	760	1,072	614	614	32	81	1/3/2013	elev.=5094.38
DEADMAN'S BASIN	75,968	41,981	66,889	46,566	50,000	66	119	2/1/2013	volume estimated
E.F. ROCK CREEK	16,040	8,478	9,160	8,517	9,239	58	109	2/4/2013	elev.=6036.1
FRENCHMAN	2,777	1,737	2,416	1,758	1,758	63	101	1/5/2013	elev.=2262.7
MARTINSDALE	23,348	8,406	8,651	6,802	6,802	29	81	1/31/2013	volume estimated
MIDDLE CREEK	10,184	5,943	5,134	5,428	5,200	51	87	2/4/2013	elev.=6695.3
NEVADA CREEK	11,207	4,960	7,199	4,595	4,830	43	97	1/31/2013	elev.=4595.62
NILAN	10,992	5,927	8,361	4,974	5,572	51	94	1/31/2013	elev.=4429.3 (4,672 AF)
N.FK. SMITH RIVER	11,406	5,883	7,500	6,508	6,800	60	116	2/1/2013	volume estimated
RUBY RIVER	37,612	24,060	28,036	20,337	24,412	65	101	2/6/2013	elev.=5378.16
TONGUE RIVER	79,071	43,610	54,366	44,645	46,564	59	107	2/4/2013	elev.=3418.1
W.F. BITTERROOT	32,362	5,545	8,677	10,976	11,073	34	200	2/5/2013	elev.=4680.3
WILLOW CREEK	18,000	11,754	13,000	NA	11,785	65	100	2/6/2013	elev.=4727.50
YELLOWATER	3,842	1,138	3,203	1,975	1,975	51	174	1/31/2013	volume estimated

* 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