

# SNOW SURVEY

2023-2024

## Moon Lake Water Users Association

This report can be seen at [www.mlwua.org/water-reports/](http://www.mlwua.org/water-reports/)

Snotel Site	As of:		4/15/2024		4/22/2024		4/29/2024		5/6/2024		5/13/2024		5/20/2024		Current % of Average
	Elevation	Median Peak	Snow Water Content	% Days to Med Peak	Snow Water Content	% Days to Med Peak	Snow Water Content	% Days to Med Peak	Snow Water Content	% Days to Med Peak	Snow Water Content	% Days to Med Peak	Snow Water Content	% Days to Med Peak	
<b>Brown Duck Basin</b> <small>Lakefork (West of Moon Lake)</small>	10,600	20.2 29-Apr	19.6	97.03% 14	18.8	93.07% 7	16.9	83.66% 0	17.0	84.16% -7	17.4	86.14% -14	11.8	58.42% -21	91%
<b>Five Point Lake</b> <small>Yellowstone River, Garfield Basin)</small>	11,000	19.5 26-Apr	16.9	86.67% 11	16.2	83.08% 4	15.0	76.92% -3	14.1	72.31% -10	14.8	75.90% -17	14.0	71.79% -24	137%
<b>Lakefork #1</b> <small>Yellowstone (East of Moon Lake)</small>	10,200	13.5 14-Apr	11.5	85.19% -1	9.4	69.63% -8	7.6	56.30% -15	7.9	58.52% -22	7.4	54.81% -29	0.6	4.44% -36	150%
<b>Lakefork #3</b> <small>Hell's Canyon (East of Moon Lake)</small>	8,464	5.8 13-Mar	5.2	89.66% -33	1.0	17.24% -40	0.0	0.00% -47	0.0	0.00% -54	0.0	0.00% -61	0.2	3.45% -68	0%
<b>Lakefork Basin</b> <small>Lakefork (North of Moon Lake)</small>	11,100	20.6 29-Apr	21.2	102.91% 14	20.8	100.97% 7	20.9	101.46% 0	22.2	107.77% -7	23.8	115.53% -14	20.2	98.06% -21	117%
<b>Chepeta</b> <small>Whiterocks River</small>	10,300	15 13-Apr	11.5	76.67% -2	9.9	66.00% -9	8.1	54.00% -16	6.9	46.00% -23	6.5	43.33% -30	1.0	6.67% -37	71%
<b>Mosby Mountain</b> <small>Whiterocks &amp; Mosby</small>	9,500	12.2 11-Apr	11.2	91.80% -4	9.2	75.41% -11	7.6	62.30% -18	6.8	55.74% -25	5.2	42.62% -32	0.2	1.64% -39	0%

Current Storage Reservoir	Elevation	Acre Feet	Elevation	Acre Feet	Elevation	Acre Feet	Elevation	Acre Feet	Elevation	Acre Feet	Elevation	Acre Feet	Elevation	Acre Feet	% Full
Moon Lake	8137.0	37,848	8,130.8	33,131	8,131.5	33,581	8,133.0	34,712	8,129.3	31,937	8,124.6	28,496	8,127.0	30,241	79.90%
Big Sand Wash	5918.1	25,798	5,918.4	25,918	5,918.4	25,918	5,917.2	25,265	5,914.8	23,822	5,912.9	22,765	5,910.9	21,689	84.07%
Twin Pots	33.0	4,133	28.1	3,155	32.3	3,987	32.9	4,112	33.2	4,175	33.4	4,197	33.4	4,197	101.54%
Brown Draw	6050.0	5,901	6,049.8	5,858	6,049.7	5,814	6,049.7	5,814	6,048.7	5,640	6,046.7	5,293	6,046.9	5,337	90.44%
<b>Total</b>		73680		68061		69300		69903		65575		60751		61463	83.42%