

# 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:		3/25/2024		4/1/2024		4/8/2024		4/15/2024		4/22/2024		4/29/2024		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	17.8	88.12% 35	20.2	100.00% 28	20.4	100.99% 21	19.6	97.03% 14	18.8	93.07% 7	16.7	82.67% 0	95%
<b>Five Point Lake</b> <small>Yellowstone River, Garfield Basin)</small>	11,000	19.5 26-Apr	15.9	81.54% 32	18.2	93.33% 25	18.1	92.82% 18	16.9	86.67% 11	16.2	83.08% 4	15.0	76.92% -3	87%
<b>Lakefork #1</b> <small>Yellowstone (East of Moon Lake)</small>	10,200	13.5 14-Apr	12.3	91.11% 20	13.7	101.48% 13	13.8	102.22% 6	11.5	85.19% -1	9.4	69.63% -8	8.1	60.00% -15	81%
<b>Lakefork #3</b> <small>Hell's Canyon (East of Moon Lake)</small>	8,464	5.8 13-Mar	7.4	127.59% -12	8.9	153.45% -19	8.1	139.66% -26	5.2	89.66% -33	1.0	17.24% -40	0.0	0.00% -47	0%
<b>Lakefork Basin</b> <small>Lakefork (North of Moon Lake)</small>	11,100	20.6 29-Apr	18.6	90.29% 35	21.3	103.40% 28	21.9	106.31% 21	21.2	102.91% 14	20.8	100.97% 7	20.9	101.46% 0	96%
<b>Chepeta</b> <small>Whiterocks River</small>	10,300	15 13-Apr	12.8	85.33% 19	14.5	96.67% 12	14.6	97.33% 5	11.5	76.67% -2	9.9	66.00% -9	7.8	52.00% -16	60%
<b>Mosby Mountain</b> <small>Whiterocks &amp; Mosby</small>	9,500	12.2 11-Apr	11.4	93.44% 17	13.1	107.38% 10	12.9	105.74% 3	11.2	91.80% -4	9.2	75.41% -11	7.7	63.11% -18	93%

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	8,129.7	32,235	8,130.1	32,533	8,130.5	32,831	8,130.8	33,131	8,131.5	33,581	8,132.8	34,636	91.51%
Big Sand Wash	5918.1	25,798	5,918.0	25,738	5,918.2	25,798	5,918.3	25,858	5,918.4	25,918	5,918.4	25,918	5,917.1	25,206	97.71%
Twin Pots	33.0	4,133	25.8	2,720	25.5	2,668	25.2	2,633	28.1	3,155	32.3	3,987	33.0	4,112	99.50%
Brown Draw	6050.0	5,901	6,049.9	5,858	6,050.0	5,858	6,049.9	5,858	6,049.8	5,858	6,049.7	5,814	6,049.7	5,814	98.53%
<b>Total</b>		73680		66551		66857		67181		68061		69300		69769	94.69%