

# SNOW SURVEY

2022-2023

## 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:		3/27/2023		4/3/2023		4/10/2023		4/17/2023		4/24/2023		5/1/2023		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	25.4	125.74% 33	25.9	128.22% 26	27.0	133.66% 19	27.1	134.16% 12	27.1	134.16% 5	28.4	140.59% -2	159%
<b>Five Point Lake</b> <small>Yellowstone River, Garfield Basin)</small>	11,000	19.5 26-Apr	25.1	128.72% 30	26.0	133.33% 23	26.9	137.95% 16	26.5	135.90% 9	27.0	138.46% 2	22.7	116.41% -5	134%
<b>Lakefork #1</b> <small>Yellowstone (East of Moon Lake)</small>	10,200	13.5 14-Apr	17.7	131.11% 18	18.0	133.33% 11	19.0	140.74% 4	18.7	138.52% -3	19.2	142.22% -10	15.8	117.04% -17	172%
<b>Lakefork #3</b> <small>Hell's Canyon (East of Moon Lake)</small>	8,464	5.8 13-Mar	16.1	277.59% -14	16.4	282.76% -21	16.2	279.31% -28	14.5	250.00% -35	14.3	246.55% -42	8.5	146.55% -49	0%
<b>Lakefork Basin</b> <small>Lakefork (North of Moon Lake)</small>	11,100	20.6 29-Apr	28.7	139.32% 33	29.7	144.17% 26	31.2	151.46% 19	31.1	150.97% 12	31.4	152.43% 5	28.6	138.83% -2	132%
<b>Chepeta</b> <small>Whiterocks River</small>	10,300	15 13-Apr	19.0	126.67% 17	20.3	135.33% 10	23.5	156.67% 3	22.7	151.33% -4	21.6	144.00% -11	20.6	137.33% -18	166%
<b>Mosby Mountain</b> <small>Whiterocks &amp; Mosby</small>	9,500	12.2 11-Apr	21.9	179.51% 15	22.6	185.25% 8	23.1	189.34% 1	22.4	183.61% -6	22.4	183.61% -13	19.0	155.74% -20	264%

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	8,124.4	28,424	8,124.9	28,785	8,125.4	29,147	8,126.4	29,875	8,127.3	30,534	8,129.0	31,789	83.99%
Big Sand Wash	5918.1	25,798	5,917.8	25,561	5,918.1	25,738	5,918.5	25,978	5,918.4	25,918	5,918.2	25,858	5,918.1	25,738	99.77%
Twin Pots	33.0	4,133	14.6	1,094	14.4	1,070	14.1	1,034	13.8	1,000	13.4	954	12.9	898	21.73%
Brown Draw	6050.0	5,901	6,048.8	5,684	6,048.8	5,684	6,048.8	5,684	6,049.3	5,771	6,049.5	5,814	6,050.0	5,858	99.27%
<b>Total</b>		<b>73680</b>		<b>60763</b>		<b>61277</b>		<b>61843</b>		<b>62563</b>		<b>63160</b>		<b>64283</b>	<b>87.25%</b>