

# 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:		1/1/2024		1/8/2024		1/15/2024		1/22/2024		1/29/2024		2/5/2024		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	3.1	15.35% 119	3.3	16.34% 112	6.1	30.20% 105	7.3	36.14% 98	7.6	37.62% 91	9.1	45.05% 84	86%
<b>Five Point Lake</b> <small>Yellowstone River, Garfield Basin)</small>	11,000	19.5 26-Apr	4.0	20.51% 116	4.3	22.05% 109	5.8	29.74% 102	6.7	34.36% 95	8.8	45.13% 88	10.0	51.28% 81	109%
<b>Lakefork #1</b> <small>Yellowstone (East of Moon Lake)</small>	10,200	13.5 14-Apr	2.8	20.74% 104	2.8	20.74% 97	4.2	31.11% 90	4.7	34.81% 83	4.9	36.30% 76	5.9	43.70% 69	82%
<b>Lakefork #3</b> <small>Hell's Canyon (East of Moon Lake)</small>	8,464	5.8 13-Mar	1.3	22.41% 72	1.4	24.14% 65	2.3	39.66% 58	2.7	46.55% 51	2.8	48.28% 44	3.4	58.62% 37	76%
<b>Lakefork Basin</b> <small>Lakefork (North of Moon Lake)</small>	11,100	20.6 29-Apr	4.4	21.36% 119	4.8	23.30% 112	7.3	35.44% 105	8.5	41.26% 98	8.8	42.72% 91	9.9	48.06% 84	84%
<b>Chepeta</b> <small>Whiterocks River</small>	10,300	15 13-Apr	1.8	12.00% 103	2.2	14.67% 96	3.7	24.67% 89	4.1	27.33% 82	4.2	28.00% 75	4.9	32.67% 68	61%
<b>Mosby Mountain</b> <small>Whiterocks &amp; Mosby</small>	9,500	12.2 11-Apr	1.6	13.11% 101	1.7	13.93% 94	2.7	22.13% 87	3.0	24.59% 80	3.0	24.59% 73	4.0	32.79% 66	63%

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	8,125.0	28,785	8,125.4	29,074	8,125.8	29,365	8,126.2	29,656	8,126.5	29,948	8,126.9	30,241	79.90%
Big Sand Wash	5918.1	25,798	5,915.9	24,507	5,916.0	24,564	5,916.1	24,622	5,916.2	24,681	5,916.3	24,739	5,916.9	25,089	97.25%
Twin Pots	33.0	4,133	29.7	3,462	29.4	3,384	29.1	3,326	28.7	3,250	28.3	3,193	28.0	3,117	75.42%
Brown Draw	6050.0	5,901	6,047.3	5,423	6,047.3	5,423	6,047.3	5,423	6,047.3	5,423	6,047.2	5,380	6,047.3	5,423	91.90%
<b>Total</b>		73680		62177		62446		62736		63010		63260		63870	86.69%