

SNOW SURVEY

2023-2024

Moon Lake Water Users Association

This report can be seen at www.mlwua.org/water-reports/

Snotel Site	As of:		1/15/2024		1/22/2024		1/29/2024		2/5/2024		2/12/2024		2/19/2024		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	
Brown Duck Basin <small>Lakefork (West of Moon Lake)</small>	10,600	20.2 29-Apr	6.1	30.20% 105	7.3	36.14% 98	7.6	37.62% 91	9.1	45.05% 84	12.6	62.38% 77	13.4	66.34% 70	106%
Five Point Lake <small>Yellowstone River, Garfield Basin)</small>	11,000	19.5 26-Apr	5.8	29.74% 102	6.7	34.36% 95	6.9	35.38% 88	8.2	42.05% 81	11.7	60.00% 74	14.2	72.82% 67	126%
Lakefork #1 <small>Yellowstone (East of Moon Lake)</small>	10,200	13.5 14-Apr	4.2	31.11% 90	4.7	34.81% 83	4.9	36.30% 76	5.9	43.70% 69	8.8	65.19% 62	9.2	68.15% 55	108%
Lakefork #3 <small>Hell's Canyon (East of Moon Lake)</small>	8,464	5.8 13-Mar	2.3	39.66% 58	2.7	46.55% 51	2.8	48.28% 44	3.4	58.62% 37	5.3	91.38% 30	5.6	96.55% 23	114%
Lakefork Basin <small>Lakefork (North of Moon Lake)</small>	11,100	20.6 29-Apr	7.3	35.44% 105	8.5	41.26% 98	8.8	42.72% 91	9.9	48.06% 84	12.9	62.62% 77	14.0	67.96% 70	97%
Chepeta <small>Whiterocks River</small>	10,300	15 13-Apr	3.7	24.67% 89	4.1	27.33% 82	4.2	28.00% 75	4.9	32.67% 68	8.7	58.00% 61	9.0	60.00% 54	98%
Mosby Mountain <small>Whiterocks & Mosby</small>	9,500	12.2 11-Apr	2.7	22.13% 87	3.0	24.59% 80	3.0	24.59% 73	4.0	32.79% 66	7.1	58.20% 59	7.5	61.48% 52	104%

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	8,125.8	29,365	8,126.2	29,656	8,126.5	29,948	8,126.9	30,241	8,127.5	30,607	8,127.9	30,902	81.65%
Big Sand Wash	5918.1	25,798	5,916.1	24,622	5,916.2	24,681	5,916.3	24,739	5,916.9	25,089	5,916.8	25,030	5,917.0	25,147	97.48%
Twin Pots	33.0	4,133	29.1	3,326	28.7	3,250	28.3	3,193	28.0	3,117	27.8	3,080	27.4	3,007	72.75%
Brown Draw	6050.0	5,901	6,047.3	5,423	6,047.3	5,423	6,047.2	5,380	6,047.3	5,423	6,047.3	5,423	6,047.3	5,423	91.90%
Total		73680		62736		63010		63260		63870		64141		64478	87.51%