

SNOW SURVEY

2023-2024

Moon Lake Water Users Association

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

Snotel Site	As of:		1/29/2024		2/5/2024		2/12/2024		2/19/2024		2/26/2024		3/4/2024		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	7.6	37.62% 91	9.1	45.05% 84	12.6	62.38% 77	13.4	66.34% 70	14.7	72.77% 63	16.4	81.19% 56	109%
Five Point Lake <small>Yellowstone River, Garfield Basin)</small>	11,000	19.5 26-Apr	6.9	35.38% 88	8.2	42.05% 81	11.7	60.00% 74	12.4	63.59% 67	13.3	68.21% 60	15.0	76.92% 53	108%
Lakefork #1 <small>Yellowstone (East of Moon Lake)</small>	10,200	13.5 14-Apr	4.9	36.30% 76	5.9	43.70% 69	8.8	65.19% 62	9.2	68.15% 55	10.2	75.56% 48	11.3	83.70% 41	114%
Lakefork #3 <small>Hell's Canyon (East of Moon Lake)</small>	8,464	5.8 13-Mar	2.8	48.28% 44	3.4	58.62% 37	5.3	91.38% 30	5.6	96.55% 23	6.8	117.24% 16	7.4	127.59% 9	142%
Lakefork Basin <small>Lakefork (North of Moon Lake)</small>	11,100	20.6 29-Apr	8.8	42.72% 91	9.9	48.06% 84	12.9	62.62% 77	14.0	67.96% 70	15.2	73.79% 63	17.5	84.95% 56	109%
Chepeta <small>Whiterocks River</small>	10,300	15 13-Apr	4.2	28.00% 75	4.9	32.67% 68	8.7	58.00% 61	9.0	60.00% 54	10.0	66.67% 47	11.1	74.00% 40	105%
Mosby Mountain <small>Whiterocks & Mosby</small>	9,500	12.2 11-Apr	3.0	24.59% 73	4.0	32.79% 66	7.1	58.20% 59	7.5	61.48% 52	9.1	74.59% 45	10.2	83.61% 38	119%

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	8,126.5	29,948	8,126.9	30,241	8,127.5	30,607	8,127.9	30,902	8,128.3	31,197	8,128.6	31,418	83.01%
Big Sand Wash	5918.1	25,798	5,916.3	24,739	5,916.9	25,089	5,916.8	25,030	5,917.0	25,147	5,917.3	25,324	5,917.5	25,443	98.62%
Twin Pots	33.0	4,133	28.3	3,193	28.0	3,117	27.8	3,080	27.4	3,007	27.1	2,970	26.7	2,898	70.11%
Brown Draw	6050.0	5,901	6,047.2	5,380	6,047.3	5,423	6,047.3	5,423	6,047.3	5,423	6,047.3	5,423	6,047.9	5,510	93.37%
Total		73680		63260		63870		64141		64478		64914		65269	88.58%