

SNOW SURVEY

2023-2024

Moon Lake Water Users Association

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

Snotel Site	As of:		12/18/2023		12/25/2023		1/1/2024		1/8/2024		1/15/2024		1/22/2024		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	2.9	14.36% 133	2.9	14.36% 126	3.1	15.35% 119	3.3	16.34% 112	6.1	30.20% 105	7.3	36.14% 98	79%
Five Point Lake <small>Yellowstone River, Garfield Basin)</small>	11,000	19.5 26-Apr	3.7	18.97% 130	3.9	20.00% 123	4.0	20.51% 116	4.3	22.05% 109	5.8	29.74% 102	6.7	34.36% 95	79%
Lakefork #1 <small>Yellowstone (East of Moon Lake)</small>	10,200	13.5 14-Apr	2.9	21.48% 118	2.7	20.00% 111	2.8	20.74% 104	2.8	20.74% 97	4.2	31.11% 90	4.7	34.81% 83	72%
Lakefork #3 <small>Hell's Canyon (East of Moon Lake)</small>	8,464	5.8 13-Mar	1.2	20.69% 86	1.0	17.24% 79	1.3	22.41% 72	1.4	24.14% 65	2.3	39.66% 58	2.7	46.55% 51	71%
Lakefork Basin <small>Lakefork (North of Moon Lake)</small>	11,100	20.6 29-Apr	4.1	19.90% 133	4.3	20.87% 126	4.4	21.36% 119	4.8	23.30% 112	7.3	35.44% 105	8.5	41.26% 98	85%
Chepeta <small>Whiterocks River</small>	10,300	15 13-Apr	3.0	20.00% 117	2.9	19.33% 110	1.8	12.00% 103	2.2	14.67% 96	3.7	24.67% 89	4.1	27.33% 82	59%
Mosby Mountain <small>Whiterocks & Mosby</small>	9,500	12.2 11-Apr	1.5	12.30% 115	1.5	12.30% 108	1.6	13.11% 101	1.7	13.93% 94	2.7	22.13% 87	3.0	24.59% 80	55%

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	8,124.1	28,137	8,124.5	28,496	8,125.0	28,785	8,125.4	29,074	8,125.8	29,365	8,126.2	29,656	78.36%
Big Sand Wash	5918.1	25,798	5,915.1	24,048	5,915.8	24,449	5,915.9	24,507	5,916.0	24,564	5,916.1	24,622	5,916.2	24,681	95.67%
Twin Pots	33.0	4,133	30.6	3,641	30.1	3,541	29.7	3,462	29.4	3,384	29.1	3,326	28.7	3,250	78.63%
Brown Draw	6050.0	5,901	6,047.1	5,380	6,047.1	5,380	6,047.3	5,423	6,047.3	5,423	6,047.3	5,423	6,047.3	5,423	91.90%
Total		73680		61205		61866		62177		62446		62736		63010	85.52%