

SNOW SURVEY

2022-2023

Moon Lake Water Users Association

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

Snotel Site	As of:		12/4/2023		12/11/2023		12/18/2023		12/25/2023		1/1/2024		1/8/2024		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	2.7	13.37% 147	3.0	14.85% 140	2.9	14.36% 133	2.9	14.36% 126	3.1	15.35% 119	3.3	16.34% 112	43%
Five Point Lake <small>Yellowstone River, Garfield Basin)</small>	11,000	19.5 26-Apr	3.0	15.38% 144	3.7	18.97% 137	3.7	18.97% 130	3.9	20.00% 123	4.0	20.51% 116	4.3	22.05% 109	61%
Lakefork #1 <small>Yellowstone (East of Moon Lake)</small>	10,200	13.5 14-Apr	2.6	19.26% 132	2.8	20.74% 125	2.9	21.48% 118	2.7	20.00% 111	2.8	20.74% 104	2.8	20.74% 97	47%
Lakefork #3 <small>Hell's Canyon (East of Moon Lake)</small>	8,464	5.8 13-Mar	1.2	20.69% 100	1.2	20.69% 93	1.2	20.69% 86	1.0	17.24% 79	1.3	22.41% 72	1.4	24.14% 65	41%
Lakefork Basin <small>Lakefork (North of Moon Lake)</small>	11,100	20.6 29-Apr	2.8	13.59% 147	3.4	16.50% 140	4.1	19.90% 133	4.3	20.87% 126	4.4	21.36% 119	4.8	23.30% 112	57%
Chepeta <small>Whiterocks River</small>	10,300	15 13-Apr	1.6	10.67% 131	1.8	12.00% 124	3.0	20.00% 117	2.9	19.33% 110	1.8	12.00% 103	2.2	14.67% 96	35%
Mosby Mountain <small>Whiterocks & Mosby</small>	9,500	12.2 11-Apr	1.5	12.30% 129	1.5	12.30% 122	1.5	12.30% 115	1.5	12.30% 108	1.6	13.11% 101	1.7	13.93% 94	33%

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	8,123.0	27,349	8,123.6	27,778	8,124.1	28,137	8,124.5	28,496	8,125.0	28,785	8,125.4	29,074	76.82%
Big Sand Wash	5918.1	25,798	5,911.1	21,794	5,913.3	22,985	5,915.1	24,048	5,915.8	24,449	5,915.9	24,507	5,916.0	24,564	95.22%
Twin Pots	33.0	4,133	31.4	3,803	31.0	3,701	30.6	3,641	30.1	3,541	29.7	3,462	29.4	3,384	81.88%
Brown Draw	6050.0	5,901	6,047.2	5,380	6,047.1	5,380	6,047.1	5,380	6,047.1	5,380	6,048.0	5,510	6,048.0	5,510	93.37%
Total		73680		58326		59844		61205		61866		62264		62533	84.87%