

SNOW SURVEY

2023-2024

Moon Lake Water Users Association

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

Snotel Site	As of:		2/26/2024		3/4/2024		3/11/2024		3/18/2024		3/25/2024		4/1/2024		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	14.7	72.77% 63	16.4	81.19% 56	16.7	82.67% 49	17.0	84.16% 42	17.8	88.12% 35	20.2	100.00% 28	122%
Five Point Lake <small>Yellowstone River, Garfield Basin)</small>	11,000	19.5 26-Apr	13.3	68.21% 60	15.0	76.92% 53	15.2	77.95% 46	15.3	78.46% 39	15.9	81.54% 32	0.0	0.00% 25	0%
Lakefork #1 <small>Yellowstone (East of Moon Lake)</small>	10,200	13.5 14-Apr	10.2	75.56% 48	11.3	83.70% 41	11.4	84.44% 34	11.9	88.15% 27	12.3	91.11% 20	13.7	101.48% 13	113%
Lakefork #3 <small>Hell's Canyon (East of Moon Lake)</small>	8,464	5.8 13-Mar	6.8	117.24% 16	7.4	127.59% 9	7.6	131.03% 2	7.6	131.03% -5	7.4	127.59% -12	8.9	153.45% -19	159%
Lakefork Basin <small>Lakefork (North of Moon Lake)</small>	11,100	20.6 29-Apr	15.2	73.79% 63	17.5	84.95% 56	18.0	87.38% 49	18.2	88.35% 42	18.6	90.29% 35	21.3	103.40% 28	112%
Chepeta <small>Whiterocks River</small>	10,300	15 13-Apr	10.0	66.67% 47	11.1	74.00% 40	11.6	77.33% 33	12.3	82.00% 26	12.8	85.33% 19	14.5	96.67% 12	113%
Mosby Mountain <small>Whiterocks & Mosby</small>	9,500	12.2 11-Apr	9.1	74.59% 45	10.2	83.61% 38	10.6	86.89% 31	10.8	88.52% 24	11.4	93.44% 17	13.1	107.38% 10	125%

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	8,128.3	31,197	8,128.6	31,418	8,128.9	31,715	8,129.2	31,863	8,129.7	32,235	8,130.1	32,533	85.96%
Big Sand Wash	5918.1	25,798	5,917.3	25,324	5,917.5	25,443	5,917.7	25,561	5,917.9	25,620	5,918.0	25,738	5,918.2	25,798	100.00%
Twin Pots	33.0	4,133	27.1	2,970	26.7	2,898	26.5	2,844	26.0	2,772	25.8	2,720	25.5	2,668	64.56%
Brown Draw	6050.0	5,901	6,047.3	5,423	6,047.9	5,510	6,049.9	5,858	6,050.0	5,858	6,049.9	5,858	6,050.0	5,858	99.27%
Total		73680		64914		65269		65977		66113		66551		66857	90.74%