

SNOW SURVEY

2022-2023

Moon Lake Water Users Association

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

Snotel Site	As of:		1/23/2023		1/30/2023		2/6/2023		2/13/2023		2/20/2023		2/27/2023		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	14.6	72.28% 96	15.2	75.25% 89	15.3	75.74% 82	15.4	76.24% 75	15.4	76.24% 68	17.2	85.15% 61	124%
Five Point Lake <small>Yellowstone River, Garfield Basin)</small>	11,000	19.5 26-Apr	14.3	73.33% 93	15.2	77.95% 86	15.3	78.46% 79	15.6	80.00% 72	16.0	82.05% 65	17.7	90.77% 58	133%
Lakefork #1 <small>Yellowstone (East of Moon Lake)</small>	10,200	13.5 14-Apr	10.4	77.04% 81	10.6	78.52% 74	10.6	78.52% 67	10.6	78.52% 60	10.6	78.52% 53	12.0	88.89% 46	125%
Lakefork #3 <small>Hell's Canyon (East of Moon Lake)</small>	8,464	5.8 13-Mar	8.1	139.66% 49	8.4	144.83% 42	8.4	144.83% 35	8.4	144.83% 28	8.4	144.83% 21	9.4	162.07% 14	184%
Lakefork Basin <small>Lakefork (North of Moon Lake)</small>	11,100	20.6 29-Apr	16.8	81.55% 96	18.0	87.38% 89	18.3	88.83% 82	18.8	91.26% 75	18.9	91.75% 68	19.8	96.12% 61	127%
Chepeta <small>Whiterocks River</small>	10,300	15 13-Apr	10.7	71.33% 80	11.3	75.33% 73	11.4	76.00% 66	11.6	77.33% 59	11.6	77.33% 52	12.9	86.00% 45	124%
Mosby Mountain <small>Whiterocks & Mosby</small>	9,500	12.2 11-Apr	12.3	100.82% 78	12.5	102.46% 71	12.5	102.46% 64	12.6	103.28% 57	12.6	103.28% 50	14.2	116.39% 43	169%

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	8,119.5	24,959	8,120.1	25,306	8,120.6	25,725	8,121.0	25,935	8,121.5	26,287	8,122.1	26,711	70.57%
Big Sand Wash	5918.1	25,798	5,906.2	19,299	5,908.2	20,344	5,910.1	21,321	5,911.9	22,222	5,913.5	23,151	5,915.3	24,106	93.44%
Twin Pots	33.0	4,133	15.5	1,203	15.4	1,191	15.3	1,178	15.2	1,166	15.1	1,154	14.8	1,117	27.03%
Brown Draw	6050.0	5,901	6,048.6	5,640	6,048.6	5,640	6,048.6	5,640	6,048.6	5,640	6,048.6	5,640	6,048.6	5,640	95.58%
Total		73680		51101		52481		53865		54963		56231		57574	78.14%