

SNOW SURVEY

2023-2024

Moon Lake Water Users Association

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

Snotel Site	As of:		4/8/2024		4/15/2024		4/22/2024		4/29/2024		5/6/2024		5/13/2024		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	20.4	100.99% 21	19.6	97.03% 14	18.8	93.07% 7	16.9	83.66% 0	17.0	84.16% -7	17.4	86.14% -14	110%
Five Point Lake <small>Yellowstone River, Garfield Basin)</small>	11,000	19.5 26-Apr	18.1	92.82% 18	16.9	86.67% 11	16.2	83.08% 4	15.0	76.92% -3	14.1	72.31% -10	14.8	75.90% -17	103%
Lakefork #1 <small>Yellowstone (East of Moon Lake)</small>	10,200	13.5 14-Apr	13.8	102.22% 6	11.5	85.19% -1	9.4	69.63% -8	7.6	56.30% -15	7.9	58.52% -22	7.4	54.81% -29	137%
Lakefork #3 <small>Hell's Canyon (East of Moon Lake)</small>	8,464	5.8 13-Mar	8.1	139.66% -26	5.2	89.66% -33	1.0	17.24% -40	0.0	0.00% -47	0.0	0.00% -54	0.0	0.00% -61	0%
Lakefork Basin <small>Lakefork (North of Moon Lake)</small>	11,100	20.6 29-Apr	21.9	106.31% 21	21.2	102.91% 14	20.8	100.97% 7	20.9	101.46% 0	22.2	107.77% -7	23.8	115.53% -14	118%
Chepeta <small>Whiterocks River</small>	10,300	15 13-Apr	14.6	97.33% 5	11.5	76.67% -2	9.9	66.00% -9	8.1	54.00% -16	6.9	46.00% -23	6.5	43.33% -30	100%
Mosby Mountain <small>Whiterocks & Mosby</small>	9,500	12.2 11-Apr	12.9	105.74% 3	11.2	91.80% -4	9.2	75.41% -11	7.6	62.30% -18	6.8	55.74% -25	5.2	42.62% -32	306%

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	8,130.5	32,831	8,130.8	33,131	8,131.5	33,581	8,133.0	34,712	8,129.3	31,937	8,124.6	28,496	75.29%
Big Sand Wash	5918.1	25,798	5,918.3	25,858	5,918.4	25,918	5,918.4	25,918	5,917.2	25,265	5,914.8	23,822	5,912.9	22,765	88.24%
Twin Pots	33.0	4,133	25.2	2,633	28.1	3,155	32.3	3,987	32.9	4,112	33.2	4,175	33.4	4,197	101.54%
Brown Draw	6050.0	5,901	6,049.9	5,858	6,049.8	5,858	6,049.7	5,814	6,049.7	5,814	6,048.7	5,640	6,046.7	5,293	89.70%
Total		73680		67181		68061		69300		69903		65575		60751	82.45%