

SNOW SURVEY

2023-2024

Moon Lake Water Users Association

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

Snotel Site	As of:		4/29/2024		5/6/2024		5/13/2024		5/20/2024		5/27/2024		6/3/2024		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	16.9	83.66% 0	17.0	84.16% -7	17.4	86.14% -14	11.8	58.42% -21	11.0	54.46% -28	4.5	22.28% -35	83%
Five Point Lake <small>Yellowstone River, Garfield Basin)</small>	11,000	19.5 26-Apr	15.0	76.92% -3	14.1	72.31% -10	14.8	75.90% -17	14.0	71.79% -24	12.0	61.54% -31	5.5	28.21% -38	0%
Lakefork #1 <small>Yellowstone (East of Moon Lake)</small>	10,200	13.5 14-Apr	7.6	56.30% -15	7.9	58.52% -22	7.4	54.81% -29	0.6	4.44% -36	0.0	0.00% -43	0.0	0.00% -50	0%
Lakefork #3 <small>Hell's Canyon (East of Moon Lake)</small>	8,464	5.8 13-Mar	0.0	0.00% -47	0.0	0.00% -54	0.0	0.00% -61	0.2	3.45% -68	0.0	0.00% -75	0.0	0.00% -82	0%
Lakefork Basin <small>Lakefork (North of Moon Lake)</small>	11,100	20.6 29-Apr	20.9	101.46% 0	22.2	107.77% -7	23.8	115.53% -14	20.2	98.06% -21	20.6	100.00% -28	15.1	73.30% -35	164%
Chepeta <small>Whiterocks River</small>	10,300	15 13-Apr	8.1	54.00% -16	6.9	46.00% -23	6.5	43.33% -30	1.0	6.67% -37	0.0	0.00% -44	0.0	0.00% -51	0%
Mosby Mountain <small>Whiterocks & Mosby</small>	9,500	12.2 11-Apr	7.6	62.30% -18	6.8	55.74% -25	5.2	42.62% -32	0.2	1.64% -39	0.0	0.00% -46	0.0	0.00% -53	0%

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	8,133.0	34,712	8,129.3	31,937	8,124.6	28,496	8,127.0	30,241	8,128.0	31,049	8,136.0	37,078	97.96%
Big Sand Wash	5918.1	25,798	5,917.2	25,265	5,914.8	23,822	5,912.9	22,765	5,910.9	21,689	5,909.6	21,061	5,913.4	23,040	89.31%
Twin Pots	33.0	4,133	32.9	4,112	33.2	4,175	33.4	4,197	33.4	4,197	33.3	4,197	33.2	4,175	101.03%
Brown Draw	6050.0	5,901	6,049.7	5,814	6,048.7	5,640	6,046.7	5,293	6,046.9	5,337	6,048.1	5,553	6,050.3	5,901	100.00%
Total		73680		69903		65575		60751		61463		61860		70194	95.27%