

SNOW SURVEY

2022-2023

Moon Lake Water Users Association

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

Snotel Site	As of:		4/17/2023		4/24/2023		5/1/2023		5/8/2023		5/15/2023		5/22/2023		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	27.1	134.16% 12	27.1	134.16% 5	28.4	140.59% -2	24.4	120.79% -9	21.8	107.92% -16	15.7	77.72% -23	129%
Five Point Lake <small>Yellowstone River, Garfield Basin)</small>	11,000	19.5 26-Apr	26.5	135.90% 9	27.0	138.46% 2	22.7	116.41% -5	24.2	124.10% -12	23.5	120.51% -19	17.5	89.74% -26	203%
Lakefork #1 <small>Yellowstone (East of Moon Lake)</small>	10,200	13.5 14-Apr	18.7	138.52% -3	19.2	142.22% -10	15.8	117.04% -17	15.0	111.11% -24	12.7	94.07% -31	6.6	48.89% -38	3300%
Lakefork #3 <small>Hell's Canyon (East of Moon Lake)</small>	8,464	5.8 13-Mar	14.5	250.00% -35	14.3	246.55% -42	8.5	146.55% -49	4.5	77.59% -56	0.4	6.90% -63	0.0	0.00% -70	0%
Lakefork Basin <small>Lakefork (North of Moon Lake)</small>	11,100	20.6 29-Apr	31.1	150.97% 12	31.4	152.43% 5	28.6	138.83% -2	29.4	142.72% -9	28.6	138.83% -16	24.1	116.99% -23	153%
Chepeta <small>Whiterocks River</small>	10,300	15 13-Apr	22.7	151.33% -4	21.6	144.00% -11	20.6	137.33% -18	17.6	117.33% -25	13.5	90.00% -32	8.2	54.67% -39	4100%
Mosby Mountain <small>Whiterocks & Mosby</small>	9,500	12.2 11-Apr	22.4	183.61% -6	22.4	183.61% -13	19.0	155.74% -20	16.5	135.25% -27	12.0	98.36% -34	6.7	54.92% -41	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	8,126.4	29,875	8,127.3	30,534	8,129.0	31,789	8,131.1	33,281	8,130.7	32,981	8,131.1	33,281	87.93%
Big Sand Wash	5918.1	25,798	5,918.4	25,918	5,918.2	25,858	5,918.1	25,738	5,918.0	25,738	5,916.4	24,739	5,918.3	25,858	100.23%
Twin Pots	33.0	4,133	13.8	1,000	13.4	954	12.9	898	20.4	1,867	24.1	2,430	29.1	3,326	80.47%
Brown Draw	6050.0	5,901	6,049.3	5,771	6,049.5	5,814	6,050.0	5,858	6,050.0	5,858	6,049.7	5,814	6,049.7	5,814	98.53%
Total		73680		62563		63160		64283		66744		65964		68278	92.67%