

SNOW SURVEY
2022-2023

Moon Lake Water Users Association

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

Snotel Site	As of:		3/6/2023		3/13/2023		3/20/2023		3/27/2023		4/3/2023		4/10/2023		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	19.7	97.52% 54	22.5	111.39% 47	23.8	117.82% 40	25.4	125.74% 33	25.9	128.22% 26	27.0	133.66% 19	151%
Five Point Lake <small>Yellowstone River, Garfield Basin)</small>	11,000	19.5 26-Apr	19.9	102.05% 51	22.3	114.36% 44	23.5	120.51% 37	25.1	128.72% 30	26.0	133.33% 23	26.9	137.95% 16	163%
Lakefork #1 <small>Yellowstone (East of Moon Lake)</small>	10,200	13.5 14-Apr	13.7	101.48% 39	15.6	115.56% 32	16.6	122.96% 25	17.7	131.11% 18	18.0	133.33% 11	19.0	140.74% 4	167%
Lakefork #3 <small>Hell's Canyon (East of Moon Lake)</small>	8,464	5.8 13-Mar	11.1	191.38% 7	13.3	229.31% 0	14.8	255.17% -7	16.1	277.59% -14	16.4	282.76% -21	16.2	279.31% -28	704%
Lakefork Basin <small>Lakefork (North of Moon Lake)</small>	11,100	20.6 29-Apr	22.7	110.19% 54	25.7	124.76% 47	26.8	130.10% 40	28.7	139.32% 33	29.7	144.17% 26	31.2	151.46% 19	146%
Chepeta <small>Whiterocks River</small>	10,300	15 13-Apr	14.7	98.00% 38	16.1	107.33% 31	17.5	116.67% 24	19.0	126.67% 17	20.3	135.33% 10	23.5	156.67% 3	173%
Mosby Mountain <small>Whiterocks & Mosby</small>	9,500	12.2 11-Apr	16.2	132.79% 36	18.4	150.82% 29	20.4	167.21% 22	21.9	179.51% 15	22.6	185.25% 8	23.1	189.34% 1	206%

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	8,122.7	27,136	8,123.3	27,635	8,123.9	27,993	8,124.4	28,424	8,124.9	28,785	8,125.4	29,147	77.01%
Big Sand Wash	5918.1	25,798	5,916.8	25,030	5,917.1	25,206	5,917.5	25,383	5,917.8	25,561	5,918.1	25,738	5,918.5	25,978	100.70%
Twin Pots	33.0	4,133	14.8	1,117	14.8	1,117	14.8	1,117	14.8	1,117	14.8	1,117	14.8	1,117	27.03%
Brown Draw	6050.0	5,901	6,048.6	5,640	6,048.7	5,640	6,048.7	5,640	6,048.8	5,684	6,048.8	5,684	6,048.8	5,684	96.32%
Total		73680		58923		59598		60133		60786		61324		61926	84.05%