

SNOW SURVEY

2020-2021

Moon Lake Water Users Association

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

Snotel Site	As of:		1/4/2021		1/11/2021		1/18/2021		1/25/2021		2/1/2021		2/8/2021		Current % of Average
	Elevation	Average Yearly Amount	Snow Water Content	%	Snow Water Content	%	Snow Water Content	%	Snow Water Content	%	Snow Water Content	%	Snow Water Content	%	
Brown Duck Basin <small>(Lakefork (West of Moon Lake))</small>	10,600	19.7	4.7	23.86%	5.0	25.38%	5.4	27.41%	6.1	30.96%	7.2	36.55%	8.1	41.12%	72%
Five Point Lake <small>Yellowstone River, Garfield Basin)</small>	11,000	17.8	5.1	28.65%	5.5	30.90%	5.7	32.02%	6.2	34.83%	7.0	39.33%	7.8	43.82%	76%
Lakefork #1 <small>Yellowstone (East of Moon Lake)</small>	10,200	12.1	3.6	29.75%	3.8	31.40%	3.8	31.40%	4.4	36.36%	5.2	42.98%	5.8	47.93%	74%
Lakefork #3 <small>Hell's Canyon (East of Moon Lake)</small>	8,464	6.0	1.7	28.33%	1.9	31.67%	2.1	35.00%	2.4	40.00%	3.0	50.00%	3.4	56.67%	N/A%
Lakefork Basin <small>Lakefork (North of Moon Lake)</small>	11,100	22.3	5.8	26.01%	6.3	28.25%	6.8	30.49%	7.2	32.29%	8.1	36.32%	9.3	41.70%	72%
Chepeta <small>Whiterocks River</small>	10,300	14.6	4.0	27.40%	4.2	28.77%	4.4	30.14%	4.8	32.88%	5.6	38.36%	6.0	41.10%	68%
Mosby Mountain <small>Whiterocks & Mosby</small>	9,500	11.6	2.9	25.00%	3.1	26.72%	3.2	27.59%	3.6	31.03%	4.2	36.21%	4.5	38.79%	70%

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	8,097.3	11,111	8,097.8	11,331	8,098.2	11,553	8,098.7	11,888	8,099.2	12,113	8,099.6	12,339	32.60%
Big Sand Wash	5918.1	25,798	5,879.6	8,976	5,882.4	9,830	5,885.0	10,634	5,887.4	11,451	5,889.7	12,273	5,891.9	13,095	50.76%
Twin Pots	33.0	4,133	6.3	385	6.2	385	6.2	383	6.1	383	6.1	381	6.0	381	9.22%
Brown Draw	6050.0	5,901	6,039.9	4,198	6,039.9	4,198	6,039.8	4,198	6,039.8	4,198	6,039.8	4,198	6,039.8	4,198	71.14%
Total		73680		24670		25744		26768		27920		28965		30013	40.73%