

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:		1/18/2021		1/25/2021		2/1/2021		2/8/2021		2/15/2021		2/22/2021		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	5.4	27.41%	6.1	30.96%	7.2	36.55%	8.1	41.12%	8.9	45.18%	10.0	50.76%	76%
Five Point Lake <small>Yellowstone River, Garfield Basin)</small>	11,000	17.8	5.7	32.02%	6.2	34.83%	7.0	39.33%	7.8	43.82%	8.2	46.07%	9.6	53.93%	79%
Lakefork #1 <small>Yellowstone (East of Moon Lake)</small>	10,200	12.1	3.8	31.40%	4.4	36.36%	5.2	42.98%	5.8	47.93%	6.1	50.41%	6.7	55.37%	74%
Lakefork #3 <small>Hell's Canyon (East of Moon Lake)</small>	8,464	6.0	2.1	35.00%	2.4	40.00%	3.0	50.00%	3.4	56.67%	3.5	58.33%	3.9	65.00%	N/A%
Lakefork Basin <small>Lakefork (North of Moon Lake)</small>	11,100	22.3	6.8	30.49%	7.2	32.29%	8.1	36.32%	9.3	41.70%	10.3	46.19%	12.4	55.61%	84%
Chepeta <small>Whiterocks River</small>	10,300	14.6	4.4	30.14%	4.8	32.88%	5.6	38.36%	6.0	41.10%	6.2	42.47%	6.6	45.21%	63%
Mosby Mountain <small>Whiterocks & Mosby</small>	9,500	11.6	3.2	27.59%	3.6	31.03%	4.2	36.21%	4.5	38.79%	4.9	42.24%	5.0	43.10%	67%

Current Storage Reservoir	Elevation		Acre Feet		Elevation		Acre Feet		Elevation		Acre Feet		Elevation		Acre Feet		% Full
Moon Lake	8137.0	37,848	8,098.2	11,553	8,098.7	11,888	8,099.2	12,113	8,099.6	12,339	8,100.0	12,623	8,100.4	12,851	33.95%		
Big Sand Wash	5918.1	25,798	5,885.0	10,634	5,887.4	11,451	5,889.7	12,273	5,891.9	13,095	5,894.3	14,030	5,896.2	14,799	57.36%		
Twin Pots	33.0	4,133	6.2	383	6.1	383	6.1	381	6.0	381	6.0	379	5.9	379	9.17%		
Brown Draw	6050.0	5,901	6,039.8	4,198	6,039.8	4,198	6,039.8	4,198	6,039.8	4,198	9,039.8	5,901	6,039.8	4,198	71.14%		
Total		73680		26768		27920		28965		30013		32933		32227	43.74%		