

SNOW SURVEY
2021-2022

Moon Lake Water Users Association

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

Snotel Site	As of:		11/15/2021		11/22/2021		11/29/2021		12/6/2021		12/13/2021		12/20/2021		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	4.4	22.34%	4.4	22.34%	4.5	22.84%	4.5	22.84%	5.5	27.92%	7.0	35.53%	121%
Five Point Lake <small>Yellowstone River, Garfield Basin)</small>	11,000	17.8	2.9	16.29%	3.1	17.42%	3.4	19.10%	3.4	19.10%	4.5	25.28%	5.9	33.15%	113%
Lakefork #1 <small>Yellowstone (East of Moon Lake)</small>	10,200	12.1	1.4	11.57%	1.5	12.40%	1.9	15.70%	1.9	15.70%	2.8	23.14%	5.4	44.63%	123%
Lakefork #3 <small>Hell's Canyon (East of Moon Lake)</small>	8,464	6.0	0.0	0.00%	0.0	0.00%	0.0	0.00%	0.0	0.00%	0.8	13.33%	1.8	30.00%	78%
Lakefork Basin <small>Lakefork (North of Moon Lake)</small>	11,100	22.3	4.0	17.94%	4.3	19.28%	4.3	19.28%	4.3	19.28%	5.0	22.42%	6.7	30.04%	105%
Chepeta <small>Whiterocks River</small>	10,300	14.6	2.2	15.07%	2.0	13.70%	2.3	15.75%	2.3	15.75%	2.9	19.86%	6.4	43.84%	139%
Mosby Mountain <small>Whiterocks & Mosby</small>	9,500	11.6	2.6	22.41%	2.5	21.55%	2.4	20.69%	2.4	20.69%	3.7	31.90%	4.4	37.93%	116%

Current Storage Reservoir	Elevation		Acre Feet		Elevation		Acre Feet		Elevation		Acre Feet		Elevation		Acre Feet		% Full
Moon Lake	8137.0	37,848	8,107.5	17,018	8,108.8	17,828	8,109.9	18,584	8,111.0	19,222	8,111.8	19,801	8,112.8	20,450	54.03%		
Big Sand Wash	5918.1	25,798	5,868.0	5,939	5,870.2	6,452	5,874.9	7,646	5,879.2	8,857	5,882.7	9,924	5,886.2	11,036	42.78%		
Twin Pots	33.0	4,133	12.4	844	12.7	876	13.0	909	13.2	931	13.2	931	13.1	920	22.26%		
Brown Draw	6050.0	5,901	6,041.4	4,434	6,045.3	5,076	6,045.3	5,076	6,045.3	5,076	6,045.2	5,032	6,045.2	5,032	85.27%		
Total		73680		28235		30232		32215		34086		35688		37438	50.81%		