

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:		2/15/2021		2/22/2021		3/1/2021		3/8/2021		3/15/2021		3/22/2021		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	8.9	45.18%	10.0	50.76%	10.3	52.28%	10.4	52.79%	12.1	61.42%	13.5	68.53%	81%
Five Point Lake <small>Yellowstone River, Garfield Basin</small>	11,000	17.8	8.2	46.07%	9.6	53.93%	9.7	54.49%	9.8	55.06%	11.5	64.61%	12.0	67.42%	80%
Lakefork #1 <small>Yellowstone (East of Moon Lake)</small>	10,200	12.1	6.1	50.41%	6.7	55.37%	6.7	55.37%	6.8	56.20%	8.3	68.60%	8.9	73.55%	79%
Lakefork #3 <small>Hell's Canyon (East of Moon Lake)</small>	8,464	6.0	3.5	58.33%	3.9	65.00%	3.8	63.33%	3.9	65.00%	4.7	78.33%	5.2	86.67%	N/A%
Lakefork Basin <small>Lakefork (North of Moon Lake)</small>	11,100	22.3	10.3	46.19%	12.4	55.61%	13.0	58.30%	13.0	58.30%	14.6	65.47%	15.3	68.61%	88%
Chepeta <small>Whiterocks River</small>	10,300	14.6	6.2	42.47%	6.6	45.21%	6.7	45.89%	6.9	47.26%	9.8	67.12%	9.9	67.81%	75%
Mosby Mountain <small>Whiterocks & Mosby</small>	9,500	11.6	4.9	42.24%	5.0	43.10%	5.0	43.10%	5.4	46.55%	7.7	66.38%	8.2	70.69%	80%

Current Storage Reservoir	Elevation		Acre Feet		Elevation		Acre Feet		Elevation		Acre Feet		Elevation		Acre Feet		% Full
Moon Lake	8137.0	37,848	8,100.0	12,623	8,100.4	12,851	8,100.8	13,080	8,101.2	13,311	8,101.6	13,542	8,102.1	13,775	36.40%		
Big Sand Wash	5918.1	25,798	5,894.3	14,030	5,896.2	14,799	5,898.1	15,594	5,900.2	16,506	5,902.1	17,405	5,904.1	18,289	70.89%		
Twin Pots	33.0	4,133	6.0	379	5.9	379	5.8	377	5.7	375	5.6	373	5.5	371	8.97%		
Brown Draw	6050.0	5,901	9,039.8	5,901	6,039.8	4,198	6,039.7	4,161	6,039.7	4,161	6,039.7	4,161	6,039.7	4,161	70.51%		
Total		73680		32933		32227		33212		34353		35481		36596	49.67%		