

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:		3/29/2021		4/5/2021		4/12/2021		4/19/2021		4/26/2021		5/3/2021		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	13.9	70.56%	13.3	67.51%	12.5	63.45%	13.1	66.50%	12.7	64.47%	10.8	54.82%	58%
Five Point Lake <small>Yellowstone River, Garfield Basin</small>	11,000	17.8	12.6	70.79%	12.0	67.42%	10.5	58.99%	11.5	64.61%	11.5	64.61%	9.8	55.06%	55%
Lakefork #1 <small>Yellowstone (East of Moon Lake)</small>	10,200	12.1	9.6	79.34%	8.5	70.25%	7.3	60.33%	8.0	66.12%	7.6	62.81%	5.2	42.98%	57%
Lakefork #3 <small>Hell's Canyon (East of Moon Lake)</small>	8,464	6.0	6.0	100.00%	4.0	66.67%	0.3	5.00%	1.6	26.67%	0.3	5.00%	0.2	3.33%	N/A%
Lakefork Basin <small>Lakefork (North of Moon Lake)</small>	11,100	22.3	15.7	70.40%	15.7	70.40%	15.8	70.85%	16.9	75.78%	17.9	80.27%	16.4	73.54%	79%
Chepeta <small>Whiterocks River</small>	10,300	14.6	10.6	72.60%	9.3	63.70%	8.0	54.79%	8.1	55.48%	7.2	49.32%	5.6	38.36%	46%
Mosby Mountain <small>Whiterocks & Mosby</small>	9,500	11.6	9.0	77.59%	7.5	64.66%	5.6	48.28%	6.1	52.59%	5.2	44.83%	3.3	28.45%	44%

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	8,102.5	14,067	8,103.1	14,361	8,103.7	14,775	8,104.4	15,133	8,105.0	15,493	8,106.2	16,281	43.02%
Big Sand Wash	5918.1	25,798	5,905.7	19,056	5,907.1	19,742	5,908.3	20,344	5,909.6	21,061	5,909.6	21,061	5,909.1	20,803	80.64%
Twin Pots	33.0	4,133	5.5	369	5.3	365	4.8	357	4.0	341	3.5	331	3.0	321	7.75%
Brown Draw	6050.0	5,901	6,039.7	4,161	6,039.6	4,161	6,039.5	4,123	6,039.5	4,123	6,039.4	4,123	6,039.1	4,086	69.24%
Total		73680		37653		38629		39599		40657		41007		41490	56.31%