

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:		4/12/2021		4/19/2021		4/26/2021		5/3/2021		5/10/2021		5/17/2021		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	12.5	63.45%	13.1	66.50%	12.7	64.47%	10.8	54.82%	6.0	30.46%	0.1	0.51%	1%
Five Point Lake <small>Yellowstone River, Garfield Basin</small>	11,000	17.8	10.5	58.99%	11.5	64.61%	11.5	64.61%	9.8	55.06%	5.7	32.02%	0.8	4.49%	6%
Lakefork #1 <small>Yellowstone (East of Moon Lake)</small>	10,200	12.1	7.3	60.33%	8.0	66.12%	7.6	62.81%	5.2	42.98%	0.5	4.13%	0.1	0.83%	5%
Lakefork #3 <small>Hell's Canyon (East of Moon Lake)</small>	8,464	6.0	0.3	5.00%	1.6	26.67%	0.3	5.00%	0.2	3.33%	0.0	0.00%	0.1	1.67%	N/A%
Lakefork Basin <small>Lakefork (North of Moon Lake)</small>	11,100	22.3	15.8	70.85%	16.9	75.78%	17.9	80.27%	16.4	73.54%	12.9	57.85%	9.3	41.70%	49%
Chepeta <small>Whiterocks River</small>	10,300	14.6	8.0	54.79%	8.1	55.48%	7.2	49.32%	5.6	38.36%	1.4	9.59%	0.2	1.37%	5%
Mosby Mountain <small>Whiterocks & Mosby</small>	9,500	11.6	5.6	48.28%	6.1	52.59%	5.2	44.83%	3.3	28.45%	0.0	0.00%	0.1	0.86%	0%

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	8,103.7	14,775	8,104.4	15,133	8,105.0	15,493	8,106.2	16,281	8,109.1	18,079	8,108.1	17,453	46.11%
Big Sand Wash	5918.1	25,798	5,908.3	20,344	5,909.6	21,061	5,909.6	21,061	5,909.1	20,803	5,906.2	19,299	5,903.4	18,008	69.80%
Twin Pots	33.0	4,133	4.8	357	4.0	341	3.5	331	3.0	321	2.5	310	2.4	308	7.46%
Brown Draw	6050.0	5,901	6,039.5	4,123	6,039.5	4,123	6,039.4	4,123	6,039.1	4,086	6,038.1	3,938	6,035.7	3,567	60.45%
Total		73680		39599		40657		41007		41490		41626		39336	53.39%