

SNOW SURVEY
2018-2019

Moon Lake Water Users Association

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

Snotel Site	As of:		12/10/2018		12/17/2018		12/24/2018		12/31/2018		1/7/2019		1/14/2019		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	6.8	34.52%	7.0	35.53%	7.5	38.07%	8.1	41.12%	8.8	44.67%	9.4	47.72%	113%
Five Point Lake <small>Yellowstone River, Garfield Basin</small>	11,000	17.8	6.7	37.64%	7.1	39.89%	7.4	41.57%	7.9	44.38%	8.7	48.88%	9.0	50.56%	112%
Lakefork #1 <small>Yellowstone (East of Moon Lake)</small>	10,200	12.1	4.6	38.02%	4.7	38.84%	5.0	41.32%	5.2	42.98%	6.0	49.59%	5.9	48.76%	91%
Lakefork #3 <small>Hell's Canyon (East of Moon Lake)</small>	8,464	6.0	2.2	36.67%	2.3	38.33%	2.4	40.00%	2.7	45.00%	3.4	56.67%	3.5	58.33%	N/A%
Lakefork Basin <small>Lakefork (North of Moon Lake)</small>	11,100	22.3	5.2	23.32%	5.7	25.56%	6.3	28.25%	7.0	31.39%	7.8	34.98%	8.3	37.22%	89%
Chepeta <small>Whiterocks River</small>	10,300	14.6	2.3	15.75%	2.6	17.81%	2.8	19.18%	3.1	21.23%	3.8	26.03%	4.0	27.40%	58%
Mosby Mountain <small>Whiterocks & Mosby</small>	9,500	11.6	3.0	25.86%	3.1	26.72%	3.4	29.31%	3.9	33.62%	4.9	42.24%	5.4	46.55%	106%

Current Storage Reservoir	Elevation		Acre Feet		Elevation		Acre Feet		Elevation		Acre Feet		Elevation		Acre Feet		% Full
Moon Lake	8137.0	37,848	8,095.2	9,973	8,095.8	10,294	8,096.4	10,619	8,097.0	10,946	8,097.6	11,276	8,098.2	11,609	30.67%		
Big Sand Wash	5918.1	25,798	5,871.8	6,843	5,875.2	7,728	5,878.6	8,653	5,881.2	9,458	5,883.7	10,243	5,886.4	11,140	43.18%		
Twin Pots	33.0	4,133	2.6	312	2.6	312	2.6	312	2.6	312	2.6	312	2.6	312	7.56%		
Brown Draw	6050.0	5,901	6,035.3	3,529	6,035.2	3,492	6,035.2	3,492	6,035.2	3,492	6,035.2	3,492	6,035.2	3,492	59.18%		
Total		73680		20657		21827		23076		24209		25323		26553	36.04%		