

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:		2/10/2020		2/17/2020		2/24/2020		3/2/2020		3/9/2020		3/16/2020		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	14.4	73.10%	14.8	75.13%	14.8	75.13%	15.3	77.66%	15.8	80.20%	17.0	86.29%	104%
Five Point Lake <small>Yellowstone River, Garfield Basin</small>	11,000	17.8	15.2	85.39%	15.6	87.64%	15.6	87.64%	16.1	90.45%	16.5	92.70%	17.5	98.31%	118%
Lakefork #1 <small>Yellowstone (East of Moon Lake)</small>	10,200	12.1	9.7	80.17%	9.9	81.82%	9.8	80.99%	10.0	82.64%	10.2	84.30%	11.4	94.21%	103%
Lakefork #3 <small>Hell's Canyon (East of Moon Lake)</small>	8,464	6.0	6.0	100.00%	6.2	103.33%	6.2	103.33%	6.3	105.00%	6.4	106.67%	6.6	110.00%	N/A%
Lakefork Basin <small>Lakefork (North of Moon Lake)</small>	11,100	22.3	16.3	73.09%	17.5	78.48%	17.5	78.48%	18.2	81.61%	18.6	83.41%	19.9	89.24%	117%
Chepeta <small>Whiterocks River</small>	10,300	14.6	11.5	78.77%	12.0	82.19%	12.0	82.19%	12.3	84.25%	12.8	87.67%	14.2	97.26%	113%
Mosby Mountain <small>Whiterocks & Mosby</small>	9,500	11.6	7.0	60.34%	7.2	62.07%	7.2	62.07%	7.5	64.66%	8.0	68.97%	8.7	75.00%	88%

Current Storage Reservoir	Elevation		Acre Feet		Elevation		Acre Feet		Elevation		Acre Feet		Elevation		Acre Feet		% Full
Moon Lake	8137.0	37,848	8,124.1	28,208	8,124.5	28,496	8,124.8	28,713	8,125.1	28,930	8,125.4	29,147	8,125.6	29,292	77.39%		
Big Sand Wash	5918.1	25,798	5,915.7	24,392	5,915.9	24,507	5,916.1	24,622	5,916.4	24,739	5,916.7	24,914	5,916.9	25,089	97.25%		
Twin Pots	33.0	4,133	0.0	260	0.0	260	0.0	260	0.0	260	0.0	260	0.0	260	6.29%		
Brown Draw	6050.0	5,901	6,046.0	5,206	6,046.0	5,163	6,046.0	5,163	6,046.0	5,163	6,047.4	5,423	6,049.0	5,684	96.32%		
Total		73680		58066		58426		58758		59092		59744		60325	81.87%		