

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:		4/1/2019		4/8/2019		4/15/2019		4/22/2019		4/29/2019		5/6/2019		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	24.2	122.84%	25.0	126.90%	26.1	132.49%	25.7	130.46%	24.8	125.89%	26.1	132.49%	146%
Five Point Lake <small>Yellowstone River, Garfield Basin</small>	11,000	17.8	23.3	130.90%	23.8	133.71%	25.5	143.26%	27.4	153.93%	24.3	136.52%	26.4	148.31%	150%
Lakefork #1 <small>Yellowstone (East of Moon Lake)</small>	10,200	12.1	17.0	140.50%	17.3	142.98%	17.2	142.15%	16.7	138.02%	14.0	115.70%	14.6	120.66%	164%
Lakefork #3 <small>Hell's Canyon (East of Moon Lake)</small>	8,464	6.0	12.1	201.67%	10.1	168.33%	9.4	156.67%	6.4	106.67%	0.7	11.67%	0.3	5.00%	N/A%
Lakefork Basin <small>Lakefork (North of Moon Lake)</small>	11,100	22.3	26.5	118.83%	27.3	122.42%	28.9	129.60%	28.7	128.70%	26.9	120.63%	28.5	127.80%	138%
Chepeta <small>Whiterocks River</small>	10,300	14.6	15.8	108.22%	16.3	111.64%	17.3	118.49%	16.2	110.96%	14.3	97.95%	14.0	95.89%	128%
Mosby Mountain <small>Whiterocks & Mosby</small>	9,500	11.6	15.6	134.48%	15.9	137.07%	16.5	142.24%	15.8	136.21%	12.6	108.62%	12.8	110.34%	203%

Current Storage Reservoir	Elevation		Acre Feet		Elevation		Acre Feet		Elevation		Acre Feet		Elevation		Acre Feet		% Full
Moon Lake	8137.0	37,848	8,104.1	15,014	8,104.5	15,253	8,103.5	14,657	8,100.8	13,080	8,100.5	12,908	8,098.0	11,497	30.38%		
Big Sand Wash	5918.1	25,798	5,911.8	22,222	5,914.9	23,935	5,916.7	24,972	5,918.1	25,738	5,918.2	25,798	5,917.7	25,502	98.85%		
Twin Pots	33.0	4,133	2.5	310	2.5	310	10.7	669	25.4	2,668	32.4	2,772	32.5	2,772	67.08%		
Brown Draw	6050.0	5,901	6,037.2	3,789	6,038.6	4,012	6,040.0	4,235	6,043.8	4,833	6,047.2	5,380	6,048.9	5,684	96.32%		
Total		73680		41335		43510		44532		46319		46858		45456	61.69%		