

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: | | 2/17/2020 | | 2/24/2020 | | 3/2/2020 | | 3/9/2020 | | 3/16/2020 | | 3/23/2020 | | 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 | 14.8 | 75.13% | 14.8 | 75.13% | 15.3 | 77.66% | 15.8 | 80.20% | 17.0 | 86.29% | 18.3 | 92.89% | 110% |
| Five Point Lake <small>Yellowstone River, Garfield Basin</small> | 11,000 | 17.8 | 15.6 | 87.64% | 15.6 | 87.64% | 16.1 | 90.45% | 16.5 | 92.70% | 17.5 | 98.31% | 18.6 | 104.49% | 124% |
| Lakefork #1 <small>Yellowstone (East of Moon Lake)</small> | 10,200 | 12.1 | 9.9 | 81.82% | 9.8 | 80.99% | 10.0 | 82.64% | 10.2 | 84.30% | 11.4 | 94.21% | 12.4 | 102.48% | 109% |
| Lakefork #3 <small>Hell's Canyon (East of Moon Lake)</small> | 8,464 | 6.0 | 6.2 | 103.33% | 6.2 | 103.33% | 6.3 | 105.00% | 6.4 | 106.67% | 6.6 | 110.00% | 8.1 | 135.00% | N/A% |
| Lakefork Basin <small>Lakefork (North of Moon Lake)</small> | 11,100 | 22.3 | 17.5 | 78.48% | 17.5 | 78.48% | 18.2 | 81.61% | 18.6 | 83.41% | 19.9 | 89.24% | 21.3 | 95.52% | 122% |
| Chepeta <small>Whiterocks River</small> | 10,300 | 14.6 | 12.0 | 82.19% | 12.0 | 82.19% | 12.3 | 84.25% | 12.8 | 87.67% | 14.2 | 97.26% | 14.8 | 101.37% | 111% |
| Mosby Mountain <small>Whiterocks & Mosby</small> | 9,500 | 11.6 | 7.2 | 62.07% | 7.2 | 62.07% | 7.5 | 64.66% | 8.0 | 68.97% | 8.7 | 75.00% | 10.4 | 89.66% | 101% |

| 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 | 8,124.5 | 28,496 | 8,124.8 | 28,713 | 8,125.1 | 28,930 | 8,125.4 | 29,147 | 8,125.6 | 29,292 | 8,125.9 | 29,510 | 77.97% |
| Big Sand Wash | 5918.1 | 25,798 | 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 | 5,917.1 | 25,206 | 97.71% |
| 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 | 5,163 | 6,046.0 | 5,163 | 6,046.0 | 5,163 | 6,047.4 | 5,423 | 6,049.0 | 5,727 | 6,050.2 | 5,901 | 100.00% |
| Total | | 73680 | | 58426 | | 58758 | | 59092 | | 59744 | | 60368 | | 60877 | 82.62% |