

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: | | 2/25/2019 | | 3/4/2019 | | 3/11/2019 | | 3/18/2019 | | 3/25/2019 | | 4/1/2019 | | 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 | 18.9 | 95.94% | 19.7 | 100.00% | 22.1 | 112.18% | 22.2 | 112.69% | 24.0 | 121.83% | 24.2 | 122.84% | 140% |
| Five Point Lake <small>Yellowstone River, Garfield Basin</small> | 11,000 | 17.8 | 17.8 | 100.00% | 18.5 | 103.93% | 20.8 | 116.85% | 20.8 | 116.85% | 22.8 | 128.09% | 23.3 | 130.90% | 142% |
| Lakefork #1 <small>Yellowstone (East of Moon Lake)</small> | 10,200 | 12.1 | 12.9 | 106.61% | 13.3 | 109.92% | 15.3 | 126.45% | 15.5 | 128.10% | 16.8 | 138.84% | 17.0 | 140.50% | 140% |
| Lakefork #3 <small>Hell's Canyon (East of Moon Lake)</small> | 8,464 | 6.0 | 8.5 | 141.67% | 8.9 | 148.33% | 10.6 | 176.67% | 10.8 | 180.00% | 12.1 | 201.67% | 12.1 | 201.67% | N/A% |
| Lakefork Basin <small>Lakefork (North of Moon Lake)</small> | 11,100 | 22.3 | 19.2 | 86.10% | 20.8 | 93.27% | 23.7 | 106.28% | 23.8 | 106.73% | 26.0 | 116.59% | 26.5 | 118.83% | 146% |
| Chepeta <small>Whiterocks River</small> | 10,300 | 14.6 | 12.3 | 84.25% | 12.6 | 86.30% | 14.1 | 96.58% | 14.4 | 98.63% | 15.8 | 108.22% | 15.8 | 108.22% | 116% |
| Mosby Mountain <small>Whiterocks & Mosby</small> | 9,500 | 11.6 | 12.0 | 103.45% | 12.4 | 106.90% | 14.1 | 121.55% | 14.4 | 124.14% | 15.5 | 133.62% | 15.6 | 134.48% | 138% |

| 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 | 8,101.6 | 13,542 | 8,102.1 | 13,833 | 8,102.6 | 14,126 | 8,103.1 | 14,420 | 8,103.6 | 14,716 | 8,104.1 | 15,014 | 39.67% |
| Big Sand Wash | 5918.1 | 25,798 | 5,900.0 | 16,461 | 5,902.1 | 17,359 | 5,904.2 | 18,384 | 5,906.3 | 19,398 | 5,908.6 | 20,547 | 5,911.8 | 22,222 | 86.14% |
| Twin Pots | 33.0 | 4,133 | 2.6 | 312 | 2.6 | 312 | 2.5 | 310 | 2.5 | 310 | 2.5 | 310 | 2.5 | 310 | 7.51% |
| Brown Draw | 6050.0 | 5,901 | 6,035.5 | 3,529 | 6,035.5 | 3,567 | 6,035.8 | 3,604 | 6,036.2 | 3,641 | 6,036.7 | 3,715 | 6,037.2 | 3,789 | 64.21% |
| Total | | 73680 | | 33845 | | 35072 | | 36424 | | 37770 | | 39288 | | 41335 | 56.10% |