

SNOW SURVEY
2020-2021

Moon Lake Water Users Association

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

| Snotel Site | As of: | | 12/28/2020 | | 1/4/2021 | | 1/11/2021 | | 1/18/2021 | | 1/25/2021 | | 2/1/2021 | | 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 | 4.3 | 21.83% | 4.7 | 23.86% | 5.0 | 25.38% | 5.4 | 27.41% | 6.1 | 30.96% | 7.2 | 36.55% | 68% |
| Five Point Lake <small>Yellowstone River, Garfield Basin)</small> | 11,000 | 17.8 | 4.7 | 26.40% | 5.1 | 28.65% | 5.5 | 30.90% | 5.7 | 32.02% | 6.2 | 34.83% | 7.0 | 39.33% | 72% |
| Lakefork #1 <small>Yellowstone (East of Moon Lake)</small> | 10,200 | 12.1 | 3.4 | 28.10% | 3.6 | 29.75% | 3.8 | 31.40% | 3.8 | 31.40% | 4.4 | 36.36% | 5.2 | 42.98% | 71% |
| Lakefork #3 <small>Hell's Canyon (East of Moon Lake)</small> | 8,464 | 6.0 | 1.6 | 26.67% | 1.7 | 28.33% | 1.9 | 31.67% | 2.1 | 35.00% | 2.4 | 40.00% | 3.0 | 50.00% | N/A% |
| Lakefork Basin <small>Lakefork (North of Moon Lake)</small> | 11,100 | 22.3 | 5.4 | 24.22% | 5.8 | 26.01% | 6.3 | 28.25% | 6.8 | 30.49% | 7.2 | 32.29% | 8.1 | 36.32% | 68% |
| Chepeta <small>Whiterocks River</small> | 10,300 | 14.6 | 3.7 | 25.34% | 4.0 | 27.40% | 4.2 | 28.77% | 4.4 | 30.14% | 4.8 | 32.88% | 5.6 | 38.36% | 68% |
| Mosby Mountain <small>Whiterocks & Mosby</small> | 9,500 | 11.6 | 2.6 | 22.41% | 2.9 | 25.00% | 3.1 | 26.72% | 3.2 | 27.59% | 3.6 | 31.03% | 4.2 | 36.21% | 71% |

| 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 | 8,096.8 | 10,782 | 8,097.3 | 11,111 | 8,097.8 | 11,331 | 8,098.2 | 11,553 | 8,098.7 | 11,888 | 8,099.2 | 12,113 | 32.00% |
| Big Sand Wash | 5918.1 | 25,798 | 5,876.7 | 8,113 | 5,879.6 | 8,976 | 5,882.4 | 9,830 | 5,885.0 | 10,634 | 5,887.4 | 11,451 | 5,889.7 | 12,273 | 47.57% |
| Twin Pots | 33.0 | 4,133 | 6.3 | 387 | 6.3 | 385 | 6.2 | 385 | 6.2 | 383 | 6.1 | 383 | 6.1 | 381 | 9.22% |
| Brown Draw | 6050.0 | 5,901 | 6,039.9 | 4,198 | 6,039.9 | 4,198 | 6,039.9 | 4,198 | 6,039.8 | 4,198 | 6,039.8 | 4,198 | 6,039.8 | 4,198 | 71.14% |
| Total | | 73680 | | 23480 | | 24670 | | 25744 | | 26768 | | 27920 | | 28965 | 39.31% |