

SNOW SURVEY
2021-2022

Moon Lake Water Users Association

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

| Snotel Site | As of: | | 11/1/2021 | | 11/8/2021 | | 11/15/2021 | | 11/22/2021 | | 11/29/2021 | | 12/6/2021 | | 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 | 3.8 | 19.29% | 4.0 | 20.30% | 4.4 | 22.34% | 4.4 | 22.34% | 4.5 | 22.84% | 4.5 | 22.84% | 98% |
| Five Point Lake <small>Yellowstone River, Garfield Basin)</small> | 11,000 | 17.8 | 2.7 | 15.17% | 2.6 | 14.61% | 2.9 | 16.29% | 3.1 | 17.42% | 3.4 | 19.10% | 3.4 | 19.10% | 81% |
| Lakefork #1 <small>Yellowstone (East of Moon Lake)</small> | 10,200 | 12.1 | 1.2 | 9.92% | 1.1 | 9.09% | 1.4 | 11.57% | 1.5 | 12.40% | 1.9 | 15.70% | 1.9 | 15.70% | 53% |
| Lakefork #3 <small>Hell's Canyon (East of Moon Lake)</small> | 8,464 | 6.0 | 0.0 | 0.00% | 0.0 | 0.00% | 0.0 | 0.00% | 0.0 | 0.00% | 0.0 | 0.00% | 0.0 | 0.00% | 0% |
| Lakefork Basin <small>Lakefork (North of Moon Lake)</small> | 11,100 | 22.3 | 3.3 | 14.80% | 3.4 | 15.25% | 4.0 | 17.94% | 4.3 | 19.28% | 4.3 | 19.28% | 4.3 | 19.28% | 86% |
| Chepeta <small>Whiterocks River</small> | 10,300 | 14.6 | 2.2 | 15.07% | 2.4 | 16.44% | 2.2 | 15.07% | 2.0 | 13.70% | 2.3 | 15.75% | 2.3 | 15.75% | 62% |
| Mosby Mountain <small>Whiterocks & Mosby</small> | 9,500 | 11.6 | 2.2 | 18.97% | 2.3 | 19.83% | 2.6 | 22.41% | 2.5 | 21.55% | 2.4 | 20.69% | 2.4 | 20.69% | 73% |

| Current Storage Reservoir | Elevation | | Acre Feet | | Elevation | | Acre Feet | | Elevation | | Acre Feet | | Elevation | | Acre Feet | | % Full |
|------------------------------|-----------|--------------|-----------|--------------|-----------|--------------|-----------|--------------|-----------|--------------|-----------|--------------|-----------|--------------|---------------|--|--------|
| | | | | | | | | | | | | | | | | | |
| Moon Lake | 8137.0 | 37,848 | 8,103.7 | 14,775 | 8,105.9 | 16,037 | 8,107.5 | 17,018 | 8,108.8 | 17,828 | 8,109.9 | 18,584 | 8,111.0 | 19,222 | 50.79% | | |
| Big Sand Wash | 5918.1 | 25,798 | 5,863.4 | 4,962 | 5,866.3 | 5,542 | 5,868.0 | 5,939 | 5,870.2 | 6,452 | 5,874.9 | 7,646 | 5,879.2 | 8,857 | 34.33% | | |
| Twin Pots | 33.0 | 4,133 | 12.0 | 801 | 12.2 | 822 | 12.4 | 844 | 12.7 | 876 | 13.0 | 909 | 13.2 | 931 | 22.54% | | |
| Brown Draw | 6050.0 | 5,901 | 6,029.6 | 2,746 | 6,036.3 | 3,678 | 6,041.4 | 4,434 | 6,045.3 | 5,076 | 6,045.3 | 5,076 | 6,045.3 | 5,076 | 86.02% | | |
| Total | | 73680 | | 23284 | | 26079 | | 28235 | | 30232 | | 32215 | | 34086 | 46.26% | | |