

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: | | 5/3/2021 | | 5/10/2021 | | 5/17/2021 | | 5/24/2021 | | 5/31/2021 | | 6/7/2021 | | 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 | 10.8 | 54.82% | 6.0 | 30.46% | 0.1 | 0.51% | 1.0 | 5.08% | 0.0 | 0.00% | 0.0 | 0.00% | 0% |
| Five Point Lake <small>Yellowstone River, Garfield Basin)</small> | 11,000 | 17.8 | 9.8 | 55.06% | 5.7 | 32.02% | 0.8 | 4.49% | 1.8 | 10.11% | 0.4 | 2.25% | 0.0 | 0.00% | 0% |
| Lakefork #1 <small>Yellowstone (East of Moon Lake)</small> | 10,200 | 12.1 | 5.2 | 42.98% | 0.5 | 4.13% | 0.1 | 0.83% | 0.8 | 6.61% | 0.1 | 0.83% | 0.0 | 0.00% | 0% |
| Lakefork #3 <small>Hell's Canyon (East of Moon Lake)</small> | 8,464 | 6.0 | 0.2 | 3.33% | 0.0 | 0.00% | 0.1 | 1.67% | 0.2 | 3.33% | 0.1 | 1.67% | 0.0 | 0.00% | N/A% |
| Lakefork Basin <small>Lakefork (North of Moon Lake)</small> | 11,100 | 22.3 | 16.4 | 73.54% | 12.9 | 57.85% | 9.3 | 41.70% | 7.8 | 34.98% | 2.7 | 12.11% | 0.0 | 0.00% | 0% |
| Chepeta <small>Whiterocks River</small> | 10,300 | 14.6 | 5.6 | 38.36% | 1.4 | 9.59% | 0.2 | 1.37% | 0.7 | 4.79% | 0.2 | 1.37% | 0.0 | 0.00% | 0% |
| Mosby Mountain <small>Whiterocks & Mosby</small> | 9,500 | 11.6 | 3.3 | 28.45% | 0.0 | 0.00% | 0.1 | 0.86% | 0.1 | 0.86% | 0.1 | 0.86% | 0.0 | 0.00% | 0% |

| 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 | 8,106.2 | 16,281 | 8,109.1 | 18,079 | 8,108.1 | 17,453 | 8,104.7 | 15,373 | 8,102.0 | 13,717 | 8,105.4 | 15,734 | 41.57% |
| Big Sand Wash | 5918.1 | 25,798 | 5,909.1 | 20,803 | 5,906.2 | 19,299 | 5,903.4 | 18,008 | 5,900.6 | 16,684 | 5,897.8 | 15,510 | 5,896.4 | 14,882 | 57.69% |
| Twin Pots | 33.0 | 4,133 | 3.0 | 321 | 2.5 | 310 | 2.4 | 308 | 2.4 | 308 | 2.4 | 308 | 2.4 | 308 | 7.46% |
| Brown Draw | 6050.0 | 5,901 | 6,039.1 | 4,086 | 6,038.1 | 3,938 | 6,035.7 | 3,567 | 6,032.7 | 3,150 | 6,029.4 | 2,715 | 6,025.8 | 2,282 | 38.67% |
| Total | | 73680 | | 41490 | | 41626 | | 39336 | | 35515 | | 32250 | | 33206 | 45.07% |