

SNOW SURVEY
2021-2022

Moon Lake Water Users Association

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

| Snotel Site | As of: | | 12/6/2021 | | 12/13/2021 | | 12/20/2021 | | 12/27/2021 | | 1/3/2022 | | 1/10/2022 | | 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 | 4.5 | 22.84% | 5.5 | 27.92% | 7.0 | 35.53% | 10.1 | 51.27% | 11.9 | 60.41% | 13.4 | 68.02% | 176% |
| Five Point Lake <small>Yellowstone River, Garfield Basin)</small> | 11,000 | 17.8 | 3.4 | 19.10% | 4.5 | 25.28% | 5.9 | 33.15% | 8.7 | 48.88% | 9.9 | 55.62% | 10.7 | 60.11% | 151% |
| Lakefork #1 <small>Yellowstone (East of Moon Lake)</small> | 10,200 | 12.1 | 1.9 | 15.70% | 2.8 | 23.14% | 5.4 | 44.63% | 6.6 | 54.55% | 8.1 | 66.94% | 8.5 | 70.25% | 142% |
| Lakefork #3 <small>Hell's Canyon (East of Moon Lake)</small> | 8,464 | 6.0 | 0.0 | 0.00% | 0.8 | 13.33% | 1.8 | 30.00% | 4.1 | 68.33% | 5.0 | 83.33% | 5.2 | 86.67% | 153% |
| Lakefork Basin <small>Lakefork (North of Moon Lake)</small> | 11,100 | 22.3 | 4.3 | 19.28% | 5.0 | 22.42% | 6.7 | 30.04% | 10.6 | 47.53% | 12.5 | 56.05% | 14.3 | 64.13% | 168% |
| Chepeta <small>Whiterocks River</small> | 10,300 | 14.6 | 2.3 | 15.75% | 2.9 | 19.86% | 6.4 | 43.84% | 6.7 | 45.89% | 7.8 | 53.42% | 8.1 | 55.48% | 131% |
| Mosby Mountain <small>Whiterocks & Mosby</small> | 9,500 | 11.6 | 2.4 | 20.69% | 3.7 | 31.90% | 4.4 | 37.93% | 7.0 | 60.34% | 8.2 | 70.69% | 8.6 | 74.14% | 169% |

| 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 | 8,111.0 | 19,222 | 8,111.8 | 19,801 | 8,112.8 | 20,450 | 8,113.8 | 21,105 | 8,114.8 | 21,701 | 8,115.6 | 22,301 | 58.92% |
| Big Sand Wash | 5918.1 | 25,798 | 5,879.2 | 8,857 | 5,882.7 | 9,924 | 5,886.2 | 11,036 | 5,889.7 | 12,273 | 5,892.6 | 13,364 | 5,895.5 | 14,513 | 56.26% |
| Twin Pots | 33.0 | 4,133 | 13.2 | 931 | 13.2 | 931 | 13.1 | 920 | 13.0 | 909 | 13.0 | 898 | 12.9 | 898 | 21.73% |
| Brown Draw | 6050.0 | 5,901 | 6,045.3 | 5,076 | 6,045.2 | 5,032 | 6,045.2 | 5,032 | 6,045.2 | 5,032 | 6,045.2 | 5,032 | 6,045.2 | 5,032 | 85.27% |
| Total | | 73680 | | 34086 | | 35688 | | 37438 | | 39319 | | 40995 | | 42744 | 58.01% |