

SNOW SURVEY

2023-2024

Moon Lake Water Users Association

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

| Snotel Site | As of: | | 11/4/2024 | | 11/11/2024 | | 11/18/2024 | | 11/25/2024 | | 12/2/2024 | | 12/9/2024 | | Current % of Average |
|---|-----------|----------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|----------------------|
| | Elevation | Median Peak | Snow Water Content | % Days to Med Peak | Snow Water Content | % Days to Med Peak | Snow Water Content | % Days to Med Peak | Snow Water Content | % Days to Med Peak | Snow Water Content | % Days to Med Peak | Snow Water Content | % Days to Med Peak | |
| Brown Duck Basin <small>Lakefork (West of Moon Lake)</small> | 10,600 | 20.2 29-Apr | 2.3 | 11.39% 176 | 2.7 | 13.37% 169 | 2.9 | 14.36% 162 | 3.3 | 16.34% 155 | 3.9 | 19.31% 148 | 4.0 | 19.80% 141 | 82% |
| Five Point Lake <small>Yellowstone River, Garfield Basin)</small> | 11,000 | 19.5 26-Apr | 1.3 | 6.67% 173 | 1.7 | 8.72% 166 | 2.1 | 10.77% 159 | 2.5 | 12.82% 152 | 3.1 | 15.90% 145 | 3.0 | 15.38% 138 | 65% |
| Lakefork #1 <small>Yellowstone (East of Moon Lake)</small> | 10,200 | 13.5 14-Apr | 0.8 | 5.93% 161 | 1.1 | 8.15% 154 | 1.5 | 11.11% 147 | 2.0 | 14.81% 140 | 2.3 | 17.04% 133 | 2.5 | 18.52% 126 | 69% |
| Lakefork #3 <small>Hell's Canyon (East of Moon Lake)</small> | 8,464 | 5.8 13-Mar | 0.3 | 5.17% 129 | 0.3 | 5.17% 122 | 0.0 | 0.00% 115 | 0.0 | 0.00% 108 | 0.2 | 3.45% 101 | 0.8 | 13.79% 94 | 50% |
| Lakefork Basin <small>Lakefork (North of Moon Lake)</small> | 11,100 | 20.6 29-Apr | 2.2 | 10.68% 176 | 2.7 | 13.11% 169 | 3.1 | 15.05% 162 | 3.4 | 16.50% 155 | 4.2 | 20.39% 148 | 4.1 | 19.90% 141 | 79% |
| Chepeta <small>Whiterocks River</small> | 10,300 | 15 13-Apr | 0.8 | 5.33% 160 | 1.3 | 8.67% 153 | 1.8 | 12.00% 146 | 2.0 | 13.33% 139 | 2.4 | 16.00% 132 | 2.7 | 18.00% 125 | 68% |
| Mosby Mountain <small>Whiterocks & Mosby</small> | 9,500 | 12.2 11-Apr | 1.9 | 15.57% 158 | 2.1 | 17.21% 151 | 2.7 | 22.13% 144 | 2.9 | 23.77% 137 | 3.4 | 27.87% 130 | 3.4 | 27.87% 123 | 63% |

| 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 | 8,098.5 | 11,776 | 8,099.2 | 12,169 | 8,099.9 | 12,566 | 8,100.5 | 12,908 | 8,101.2 | 13,253 | 8,101.8 | 13,601 | 35.93% |
| Big Sand Wash | 5918.1 | 25,798 | 5,872.6 | 7,019 | 5,874.5 | 7,513 | 5,877.3 | 8,309 | 5,880.7 | 9,275 | 5,884.1 | 10,372 | 5,887.4 | 11,451 | 44.39% |
| Twin Pots | 33.0 | 4,133 | 12.4 | 844 | 12.3 | 833 | 12.3 | 833 | 12.1 | 811 | 11.9 | 790 | 11.7 | 770 | 18.63% |
| Brown Draw | 6050.0 | 5,901 | 6,025.4 | 2,220 | 6,029.1 | 2,684 | 6,031.3 | 2,979 | 6,032.1 | 3,082 | 6,032.1 | 3,082 | 6,032.0 | 3,082 | 52.23% |
| Total | | 73680 | | 21859 | | 23199 | | 24687 | | 26077 | | 27497 | | 28903 | 39.23% |