

SNOW SURVEY

2023-2024

Moon Lake Water Users Association

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

| Snotel Site | As of: | | 11/18/2024 | | 11/25/2024 | | 12/2/2024 | | 12/9/2024 | | 12/16/2024 | | 12/23/2024 | | 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 | 2.9 | 14.36% 162 | 3.3 | 16.34% 155 | 3.9 | 19.31% 148 | 4.0 | 19.80% 141 | 4.6 | 22.77% 134 | 4.6 | 22.77% 127 | 77% |
| Five Point Lake <small>Yellowstone River, Garfield Basin)</small> | 11,000 | 19.5 26-Apr | 2.1 | 10.77% 159 | 2.5 | 12.82% 152 | 3.1 | 15.90% 145 | 3.0 | 15.38% 138 | 3.8 | 19.49% 131 | 3.8 | 19.49% 124 | 70% |
| Lakefork #1 <small>Yellowstone (East of Moon Lake)</small> | 10,200 | 13.5 14-Apr | 1.5 | 11.11% 147 | 2.0 | 14.81% 140 | 2.3 | 17.04% 133 | 2.5 | 18.52% 126 | 2.9 | 21.48% 119 | 3.2 | 23.70% 112 | 67% |
| Lakefork #3 <small>Hell's Canyon (East of Moon Lake)</small> | 8,464 | 5.8 13-Mar | 0.0 | 0.00% 115 | 0.0 | 0.00% 108 | 0.2 | 3.45% 101 | 0.8 | 13.79% 94 | 0.3 | 5.17% 87 | 0.5 | 8.62% 80 | 20% |
| Lakefork Basin <small>Lakefork (North of Moon Lake)</small> | 11,100 | 20.6 29-Apr | 3.1 | 15.05% 162 | 3.4 | 16.50% 155 | 4.2 | 20.39% 148 | 4.1 | 19.90% 141 | 5.0 | 24.27% 134 | 5.1 | 24.76% 127 | 75% |
| Chepeta <small>Whiterocks River</small> | 10,300 | 15 13-Apr | 1.8 | 12.00% 146 | 2.0 | 13.33% 139 | 2.4 | 16.00% 132 | 2.7 | 18.00% 125 | 2.7 | 18.00% 118 | 2.8 | 18.67% 111 | 58% |
| Mosby Mountain <small>Whiterocks & Mosby</small> | 9,500 | 12.2 11-Apr | 2.7 | 22.13% 144 | 2.9 | 23.77% 137 | 3.4 | 27.87% 130 | 3.4 | 27.87% 123 | 3.5 | 28.69% 116 | 3.7 | 30.33% 109 | 92% |

| 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 | 8,099.9 | 12,566 | 8,100.5 | 12,908 | 8,101.2 | 13,253 | 8,101.8 | 13,601 | 8,102.3 | 13,950 | 8,102.9 | 14,243 | 37.63% |
| Big Sand Wash | 5918.1 | 25,798 | 5,877.3 | 8,309 | 5,880.7 | 9,275 | 5,884.1 | 10,372 | 5,887.4 | 11,451 | 5,890.0 | 12,383 | 5,892.7 | 13,403 | 51.95% |
| Twin Pots | 33.0 | 4,133 | 12.3 | 833 | 12.1 | 811 | 11.9 | 790 | 11.7 | 770 | 11.5 | 739 | 11.3 | 718 | 17.38% |
| Brown Draw | 6050.0 | 5,901 | 6,031.3 | 2,979 | 6,032.1 | 3,082 | 6,032.1 | 3,082 | 6,032.0 | 3,082 | 6,032.0 | 3,082 | 6,032.0 | 3,048 | 51.65% |
| Total | | 73680 | | 24687 | | 26077 | | 27497 | | 28903 | | 30154 | | 31413 | 42.63% |