

SNOW SURVEY
2022-2023

Moon Lake Water Users Association

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

| Snotel Site | As of: | | 1/9/2023 | | 1/16/2023 | | 1/23/2023 | | 1/30/2023 | | 2/6/2023 | | 2/13/2023 | | 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 | 11.2 | 55.45% 110 | 13.9 | 68.81% 103 | 14.6 | 72.28% 96 | 15.2 | 75.25% 89 | 15.3 | 75.74% 82 | 15.4 | 76.24% 75 | 133% |
| Five Point Lake <small>Yellowstone River, Garfield Basin)</small> | 11,000 | 19.5 26-Apr | 11.1 | 56.92% 107 | 13.6 | 69.74% 100 | 14.3 | 73.33% 93 | 15.2 | 77.95% 86 | 15.3 | 78.46% 79 | 15.6 | 80.00% 72 | 149% |
| Lakefork #1 <small>Yellowstone (East of Moon Lake)</small> | 10,200 | 13.5 14-Apr | 8.5 | 62.96% 95 | 10.2 | 75.56% 88 | 10.4 | 77.04% 81 | 10.6 | 78.52% 74 | 10.6 | 78.52% 67 | 10.6 | 78.52% 60 | 131% |
| Lakefork #3 <small>Hell's Canyon (East of Moon Lake)</small> | 8,464 | 5.8 13-Mar | 5.9 | 101.72% 63 | 7.8 | 134.48% 56 | 8.1 | 139.66% 49 | 8.4 | 144.83% 42 | 8.4 | 144.83% 35 | 8.4 | 144.83% 28 | 183% |
| Lakefork Basin <small>Lakefork (North of Moon Lake)</small> | 11,100 | 20.6 29-Apr | 13.4 | 65.05% 110 | 16.3 | 79.13% 103 | 16.8 | 81.55% 96 | 18.0 | 87.38% 89 | 18.3 | 88.83% 82 | 18.8 | 91.26% 75 | 140% |
| Chepeta <small>Whiterocks River</small> | 10,300 | 15 13-Apr | 8.2 | 54.67% 94 | 10.1 | 67.33% 87 | 10.7 | 71.33% 80 | 11.3 | 75.33% 73 | 11.4 | 76.00% 66 | 11.6 | 77.33% 59 | 132% |
| Mosby Mountain <small>Whiterocks & Mosby</small> | 9,500 | 12.2 11-Apr | 9.5 | 77.87% 92 | 11.9 | 97.54% 85 | 12.3 | 100.82% 78 | 12.5 | 102.46% 71 | 12.5 | 102.46% 64 | 12.6 | 103.28% 57 | 183% |

| 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 | 8,117.9 | 23,788 | 8,118.7 | 24,337 | 8,119.5 | 24,959 | 8,120.1 | 25,306 | 8,120.6 | 25,725 | 8,121.0 | 25,935 | 68.53% |
| Big Sand Wash | 5918.1 | 25,798 | 5,901.7 | 17,178 | 5,904.2 | 18,337 | 5,906.2 | 19,299 | 5,908.2 | 20,344 | 5,910.1 | 21,321 | 5,911.9 | 22,222 | 86.14% |
| Twin Pots | 33.0 | 4,133 | 15.7 | 1,215 | 15.6 | 1,203 | 15.5 | 1,203 | 15.4 | 1,191 | 15.3 | 1,178 | 15.2 | 1,166 | 28.21% |
| Brown Draw | 6050.0 | 5,901 | 6,048.5 | 5,640 | 6,048.6 | 5,640 | 6,048.6 | 5,640 | 6,048.6 | 5,640 | 6,048.6 | 5,640 | 6,048.6 | 5,640 | 95.58% |
| Total | | 73680 | | 47822 | | 49517 | | 51101 | | 52481 | | 53865 | | 54963 | 74.60% |