

SNOW SURVEY
2018-2019

Moon Lake Water Users Association

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

| Snotel Site | As of: | | 10/29/2018 | | 11/5/2018 | | 11/12/2018 | | 11/19/2018 | | 11/26/2018 | | 12/3/2018 | | 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 | 2.4 | 12.18% | 2.8 | 14.21% | 3.2 | 16.24% | 3.0 | 15.23% | 4.7 | 23.86% | 6.7 | 34.01% | 143% |
| Five Point Lake <small>Yellowstone River, Garfield Basin)</small> | 11,000 | 17.8 | 1.1 | 6.18% | 2.0 | 11.24% | 2.7 | 15.17% | 3.7 | 20.79% | 5.4 | 30.34% | 6.8 | 38.20% | 151% |
| Lakefork #1 <small>Yellowstone (East of Moon Lake)</small> | 10,200 | 12.1 | 0.0 | 0.00% | 0.5 | 4.13% | 1.4 | 11.57% | 2.1 | 17.36% | 3.2 | 26.45% | 4.8 | 39.67% | 141% |
| Lakefork #3 <small>Hell's Canyon (East of Moon Lake)</small> | 8,464 | 6.0 | 0.0 | 0.00% | 0.0 | 0.00% | 0.0 | 0.00% | 0.3 | 5.00% | 0.4 | 6.67% | 2.1 | 35.00% | N/A% |
| Lakefork Basin <small>Lakefork (North of Moon Lake)</small> | 11,100 | 22.3 | 0.5 | 2.24% | 1.3 | 5.83% | 1.3 | 5.83% | 1.4 | 6.28% | 3.4 | 15.25% | 5.1 | 22.87% | 111% |
| Chepeta <small>Whiterocks River</small> | 10,300 | 14.6 | 0.0 | 0.00% | 0.9 | 6.16% | 0.8 | 5.48% | 0.9 | 6.16% | 1.1 | 7.53% | 2.3 | 15.75% | 62% |
| Mosby Mountain <small>Whiterocks & Mosby</small> | 9,500 | 11.6 | 1.0 | 8.62% | 0.9 | 7.76% | 0.7 | 6.03% | 0.9 | 7.76% | 1.6 | 13.79% | 2.9 | 25.00% | 94% |

| Current Storage Reservoir | Elevation | | Acre Feet | | Elevation | | Acre Feet | | Elevation | | Acre Feet | | Elevation | | Acre Feet | | % Full |
|------------------------------|-----------|--------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|-----------|--|--------|
| | | | | | | | | | | | | | | | | | |
| Moon Lake | 8137.0 | 37,848 | 8,090.9 | 7,745 | 8,091.7 | 8,149 | 8,092.4 | 8,506 | 8,093.1 | 8,868 | 8,093.8 | 9,232 | 8,094.6 | 9,654 | 25.51% | | |
| Big Sand Wash | 5918.1 | 25,798 | 5,849.7 | 2,689 | 5,850.8 | 2,840 | 5,852.8 | 3,142 | 5,858.0 | 3,968 | 5,863.2 | 4,902 | 5,868.0 | 5,917 | 22.94% | | |
| Twin Pots | 33.0 | 4,133 | 2.6 | 312 | 2.6 | 312 | 2.6 | 312 | 2.6 | 312 | 2.6 | 312 | 2.6 | 312 | 7.56% | | |
| Brown Draw | 6050.0 | 5,901 | 6,027.0 | 2,437 | 6,031.7 | 3,014 | 6,034.8 | 3,458 | 6,035.3 | 3,529 | 6,035.2 | 3,492 | 6,035.3 | 3,529 | 59.80% | | |
| Total | | 73680 | | 13183 | | 14315 | | 15419 | | 16677 | | 17939 | | 19412 | 26.35% | | |