

**SNOW SURVEY**  
2020-2021

**Moon Lake Water Users Association**

This report can also be seen at [www.mlwua.org/water-reports/](http://www.mlwua.org/water-reports/)

| Snotel Site   | As of:    |                       | 3/22/2021          |        | 3/29/2021          |         | 4/5/2021           |        | 4/12/2021          |        | 4/19/2021          |        | 4/26/2021          |        | 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 | %      |                      |
| <b>Brown Duck Basin</b><br><small>(Lakefork (West of Moon Lake))</small>    | 10,600    | 19.7                  | 13.5               | 68.53% | 13.9               | 70.56%  | 13.3               | 67.51% | 12.5               | 63.45% | 13.1               | 66.50% | 12.7               | 64.47% | 65%                  |
| <b>Five Point Lake</b><br><small>Yellowstone River, Garfield Basin)</small> | 11,000    | 17.8                  | 12.0               | 67.42% | 12.6               | 70.79%  | 12.0               | 67.42% | 10.5               | 58.99% | 11.5               | 64.61% | 11.5               | 64.61% | 67%                  |
| <b>Lakefork #1</b><br><small>Yellowstone (East of Moon Lake)</small>        | 10,200    | 12.1                  | 8.9                | 73.55% | 9.6                | 79.34%  | 8.5                | 70.25% | 7.3                | 60.33% | 8.0                | 66.12% | 7.6                | 62.81% | 72%                  |
| <b>Lakefork #3</b><br><small>Hell's Canyon (East of Moon Lake)</small>      | 8,464     | 6.0                   | 5.2                | 86.67% | 6.0                | 100.00% | 4.0                | 66.67% | 0.3                | 5.00%  | 1.6                | 26.67% | 0.3                | 5.00%  | N/A%                 |
| <b>Lakefork Basin</b><br><small>Lakefork (North of Moon Lake)</small>       | 11,100    | 22.3                  | 15.3               | 68.61% | 15.7               | 70.40%  | 15.7               | 70.40% | 15.8               | 70.85% | 16.9               | 75.78% | 17.9               | 80.27% | 81%                  |
| <b>Chepeta</b><br><small>Whiterocks River</small>                           | 10,300    | 14.6                  | 9.9                | 67.81% | 10.6               | 72.60%  | 9.3                | 63.70% | 8.0                | 54.79% | 8.1                | 55.48% | 7.2                | 49.32% | 55%                  |
| <b>Mosby Mountain</b><br><small>Whiterocks &amp; Mosby</small>              | 9,500     | 11.6                  | 8.2                | 70.69% | 9.0                | 77.59%  | 7.5                | 64.66% | 5.6                | 48.28% | 6.1                | 52.59% | 5.2                | 44.83% | 51%                  |

| 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       | 8,102.1   | 13,775       | 8,102.5   | 14,067       | 8,103.1   | 14,361       | 8,103.7   | 14,775       | 8,104.4   | 15,133       | 8,105.0   | 15,493       | 40.93%        |
| Big Sand Wash             | 5918.1    | 25,798       | 5,904.1   | 18,289       | 5,905.7   | 19,056       | 5,907.1   | 19,742       | 5,908.3   | 20,344       | 5,909.6   | 21,061       | 5,909.6   | 21,061       | 81.64%        |
| Twin Pots                 | 33.0      | 4,133        | 5.5       | 371          | 5.5       | 369          | 5.3       | 365          | 4.8       | 357          | 4.0       | 341          | 3.5       | 331          | 8.00%         |
| Brown Draw                | 6050.0    | 5,901        | 6,039.7   | 4,161        | 6,039.7   | 4,161        | 6,039.6   | 4,161        | 6,039.5   | 4,123        | 6,039.5   | 4,123        | 6,039.4   | 4,123        | 69.87%        |
| <b>Total</b>              |           | <b>73680</b> |           | <b>36596</b> |           | <b>37653</b> |           | <b>38629</b> |           | <b>39599</b> |           | <b>40657</b> |           | <b>41007</b> | <b>55.66%</b> |