

# SNOW SURVEY

2023-2024

## Moon Lake Water Users Association

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

Snotel Site	As of:		11/11/2024		11/18/2024		11/25/2024		12/2/2024		12/9/2024		12/16/2024		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	
<b>Brown Duck Basin</b> <small>Lakefork (West of Moon Lake)</small>	10,600	20.2 29-Apr	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	4.6	22.77% 134	85%
<b>Five Point Lake</b> <small>Yellowstone River, Garfield Basin)</small>	11,000	19.5 26-Apr	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	3.8	19.49% 131	78%
<b>Lakefork #1</b> <small>Yellowstone (East of Moon Lake)</small>	10,200	13.5 14-Apr	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	2.9	21.48% 119	72%
<b>Lakefork #3</b> <small>Hell's Canyon (East of Moon Lake)</small>	8,464	5.8 13-Mar	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	0.3	5.17% 87	14%
<b>Lakefork Basin</b> <small>Lakefork (North of Moon Lake)</small>	11,100	20.6 29-Apr	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	5.0	24.27% 134	82%
<b>Chepeta</b> <small>Whiterocks River</small>	10,300	15 13-Apr	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	2.7	18.00% 118	61%
<b>Mosby Mountain</b> <small>Whiterocks &amp; Mosby</small>	9,500	12.2 11-Apr	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	3.5	28.69% 116	103%

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	8,099.2	12,169	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	36.86%
Big Sand Wash	5918.1	25,798	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	5,890.0	12,383	48.00%
Twin Pots	33.0	4,133	12.3	833	12.3	833	12.1	811	11.9	790	11.7	770	11.5	739	17.88%
Brown Draw	6050.0	5,901	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	6,032.0	3,082	52.23%
<b>Total</b>		<b>73680</b>		<b>23199</b>		<b>24687</b>		<b>26077</b>		<b>27497</b>		<b>28903</b>		<b>30154</b>	<b>40.93%</b>