

SNOW SURVEY

2023-2024

Moon Lake Water Users Association

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

Snotel Site	As of:		11/25/2024		12/2/2024		12/9/2024		12/16/2024		12/23/2024		12/30/2024		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	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	6.9	34.16% 120	101%
Five Point Lake <small>Yellowstone River, Garfield Basin)</small>	11,000	19.5 26-Apr	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	5.2	26.67% 117	87%
Lakefork #1 <small>Yellowstone (East of Moon Lake)</small>	10,200	13.5 14-Apr	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	4.4	32.59% 105	83%
Lakefork #3 <small>Hell's Canyon (East of Moon Lake)</small>	8,464	5.8 13-Mar	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	1.7	29.31% 73	63%
Lakefork Basin <small>Lakefork (North of Moon Lake)</small>	11,100	20.6 29-Apr	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	7.6	36.89% 120	100%
Chepeta <small>Whiterocks River</small>	10,300	15 13-Apr	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	4.3	28.67% 104	80%
Mosby Mountain <small>Whiterocks & Mosby</small>	9,500	12.2 11-Apr	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	4.6	37.70% 102	107%

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	8,100.5	12,908	8,101.2	13,253	8,101.8	13,601	8,102.3	13,950	8,102.9	14,243	8,103.5	14,597	38.57%
Big Sand Wash	5918.1	25,798	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	5,895.4	14,513	56.26%
Twin Pots	33.0	4,133	12.1	811	11.9	790	11.7	770	11.5	739	11.3	718	11.1	708	17.13%
Brown Draw	6050.0	5,901	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	6,032.0	3,082	52.23%
Total		73680		26077		27497		28903		30154		31413		32900	44.65%