

## Hydrology Report – July 2025

### Upper Basin Hydrology

- In June, the upper basin received 67% of average precipitation bringing the cumulative precipitation to 83% for the year.
- Temperatures in June were 3 to 7 degrees above average in the upper basin.
- Snowpack peaked on March 23, with 91% of the median.
- The Basin Forecast Center is estimating Lake Powell inflow for water-year 2025 at 5 million acre-feet or 52% of average.

### Current reservoir status

- As of July 6, 2025, Lake Mead is at an elevation of **1,054.8** feet and has about 8.1 million acre-feet in storage (31% capacity).
- As of July 6, 2025, Lake Powell is at an elevation of 3,560.3 feet and has about 7.9 million acre-feet in storage (34% capacity).
- Total system storage for the upper and lower basins is around 23.5 million acre-feet (40% capacity).

### 2025 reservoir operations

- Lake Powell will be operated in the Mid-Elevation Release Tier with a release of 7.48 million acre-feet in water year 2025.
- Lake Mead will operate in a Level 1 Shortage Condition in calendar year 2025.
- Accordingly, in 2025, Nevada's consumptive use will be reduced by 13,000 acre-feet under the 2007 Interim Guidelines and Nevada will make a Drought Contingency Plan contribution of 8,000 acre-feet.
- Arizona and Mexico are also required to take shortage and make a water savings contribution in 2025. Those amounts are significantly larger than Nevada's obligations.
- The total combined volumes for Arizona, Nevada, and Mexico are 613,000 acre-feet in calendar year 2025, which will save the equivalent of about 8 feet in elevation in Lake Mead.

### Water Use in Southern Nevada <sup>1</sup>

- Southern Nevada's consumptive use for January-May of 2025 was 68,780 acre-feet.

### Reclamation's Lake Mead and Lake Powell Projections <sup>2</sup>

- Reclamation uses computer models to forecast reservoir elevations based on planned water use and anticipated runoff. The June 24-Month Study forecasts Lake Mead to be between 1,055.1 and 1,054.1 feet in elevation by the end of 2025.
- Reclamations June 24-Month Study is forecasting Lake Powell's elevation to be between 3,542.9 and 3,535.9 feet by the end of 2025.

<sup>1</sup> 2025 consumptive use data is preliminary.

<sup>2</sup> Reclamation modeling assumes the current operational guidelines and planned conservation activities.

# Colorado River Commission of Nevada

## Hydrology and River Updates

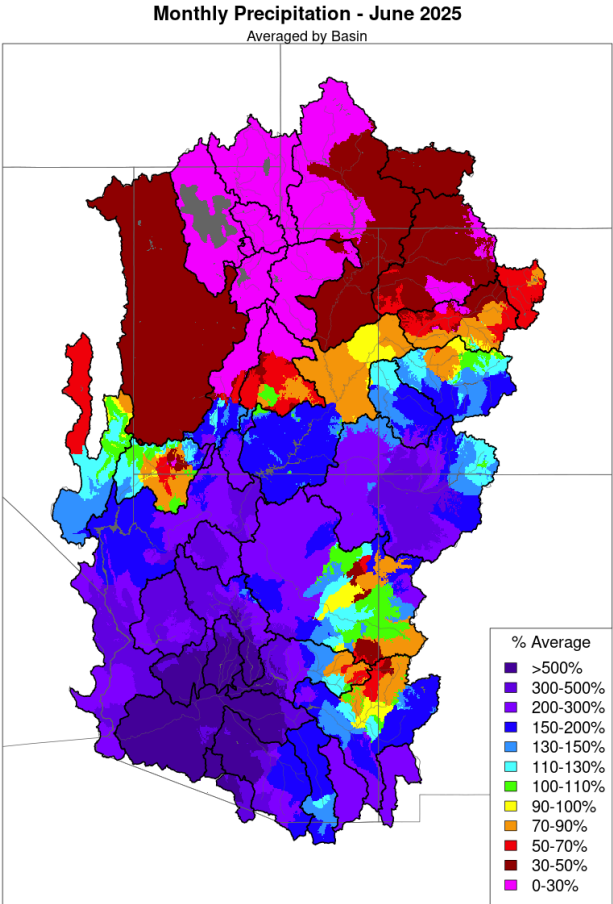
Warren Turkett

July 8, 2025

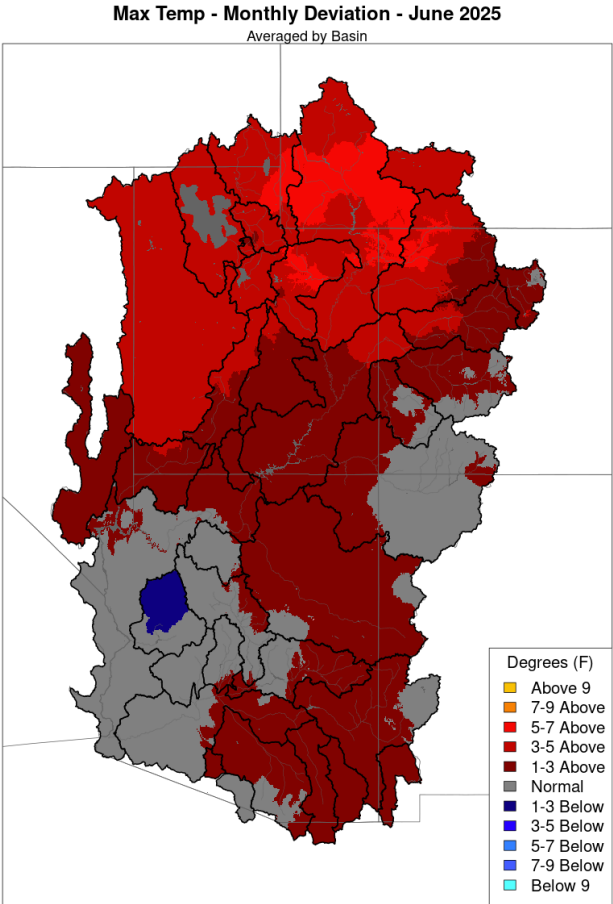




# Precipitation and Temperature



Prepared by NOAA, Colorado Basin River Forecast Center  
Salt Lake City, Utah, [www.cbrfc.noaa.gov](http://www.cbrfc.noaa.gov)



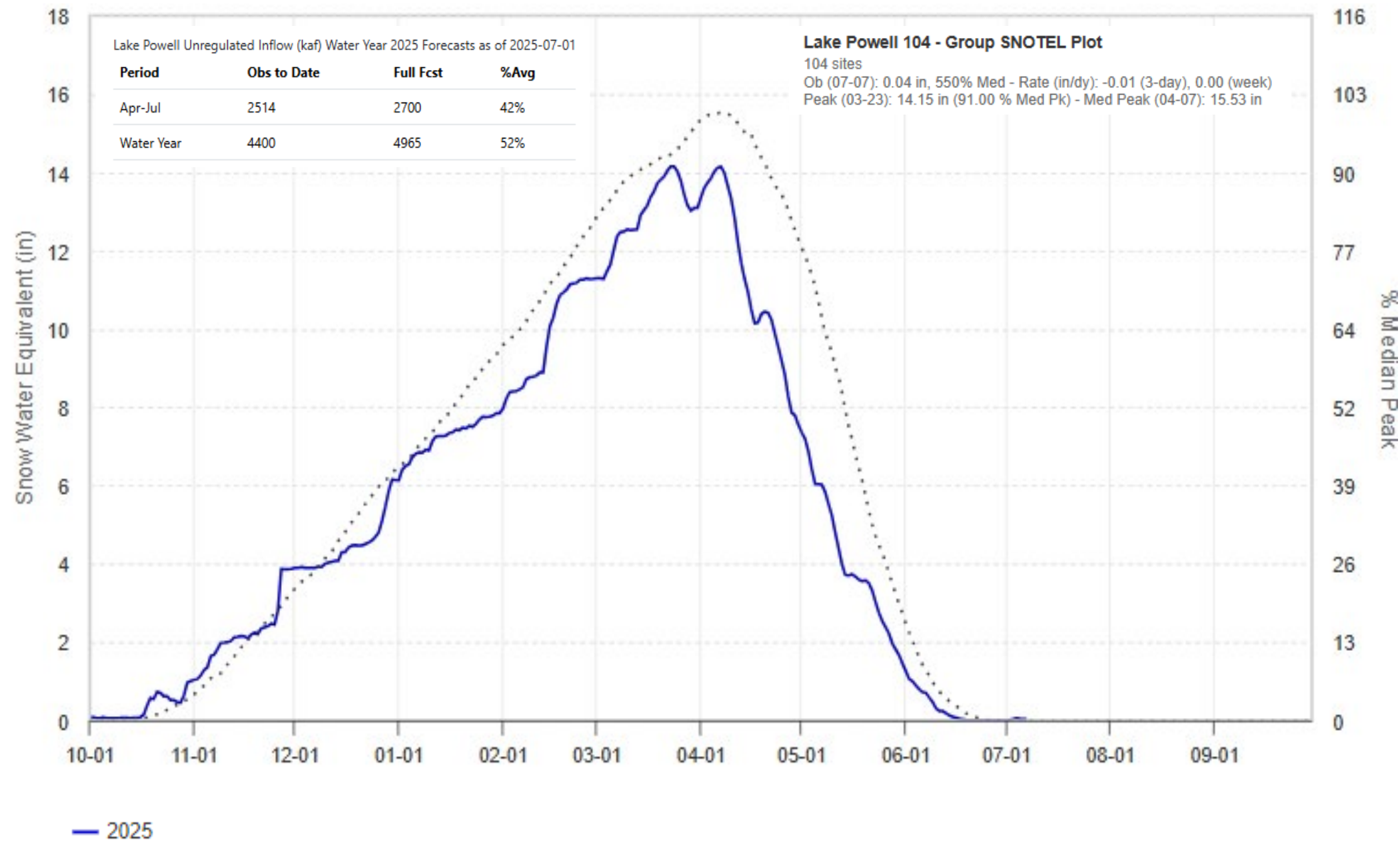
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| Area      | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Water Year |
|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------------|
| UC-Powell | 111 | 114 | 65  | 60  | 97  | 99  | 59  | 61  | 67  | 83         |





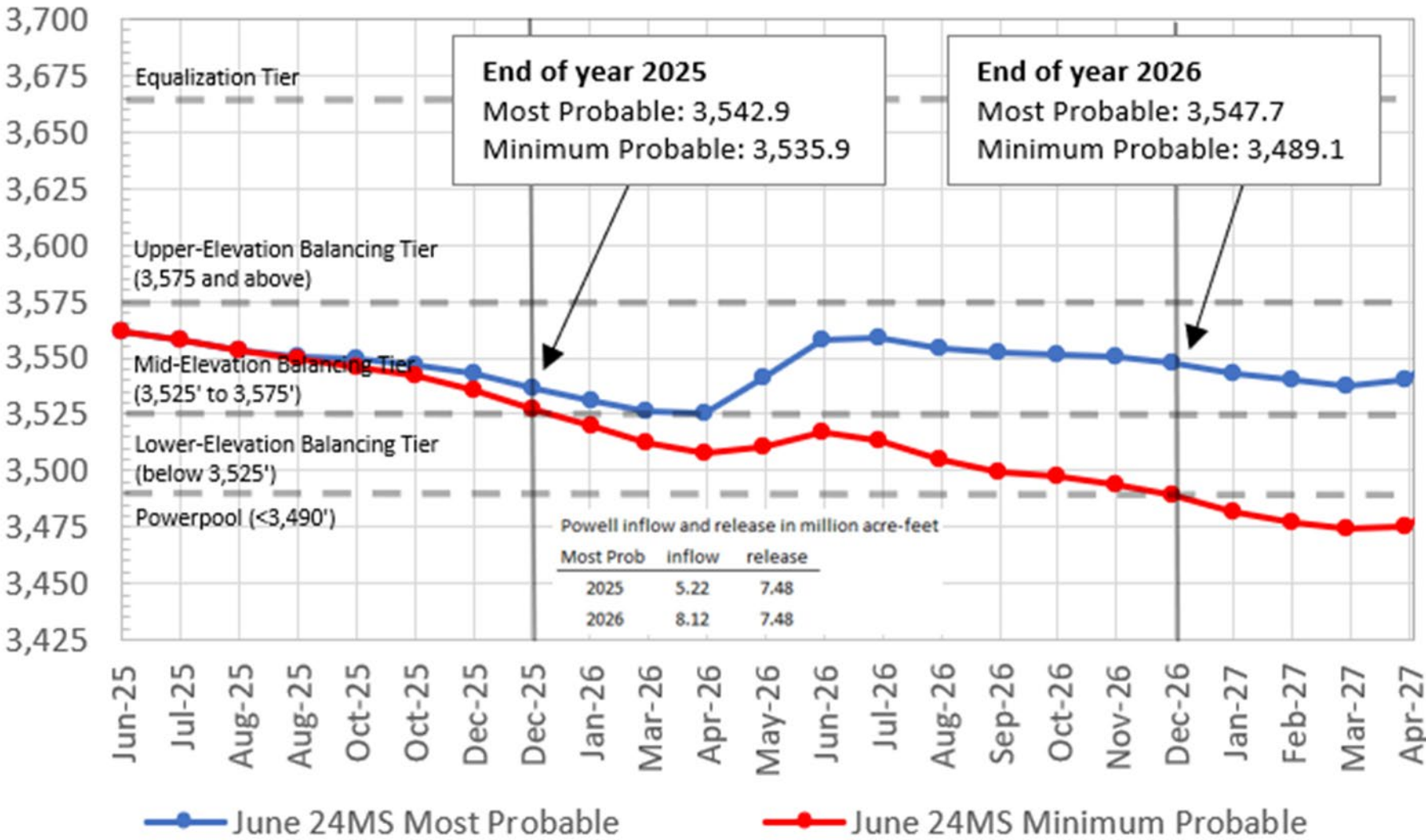
# Snowpack





# Lake Powell End-of-Month Elevations

## June 2025 24 Month Study



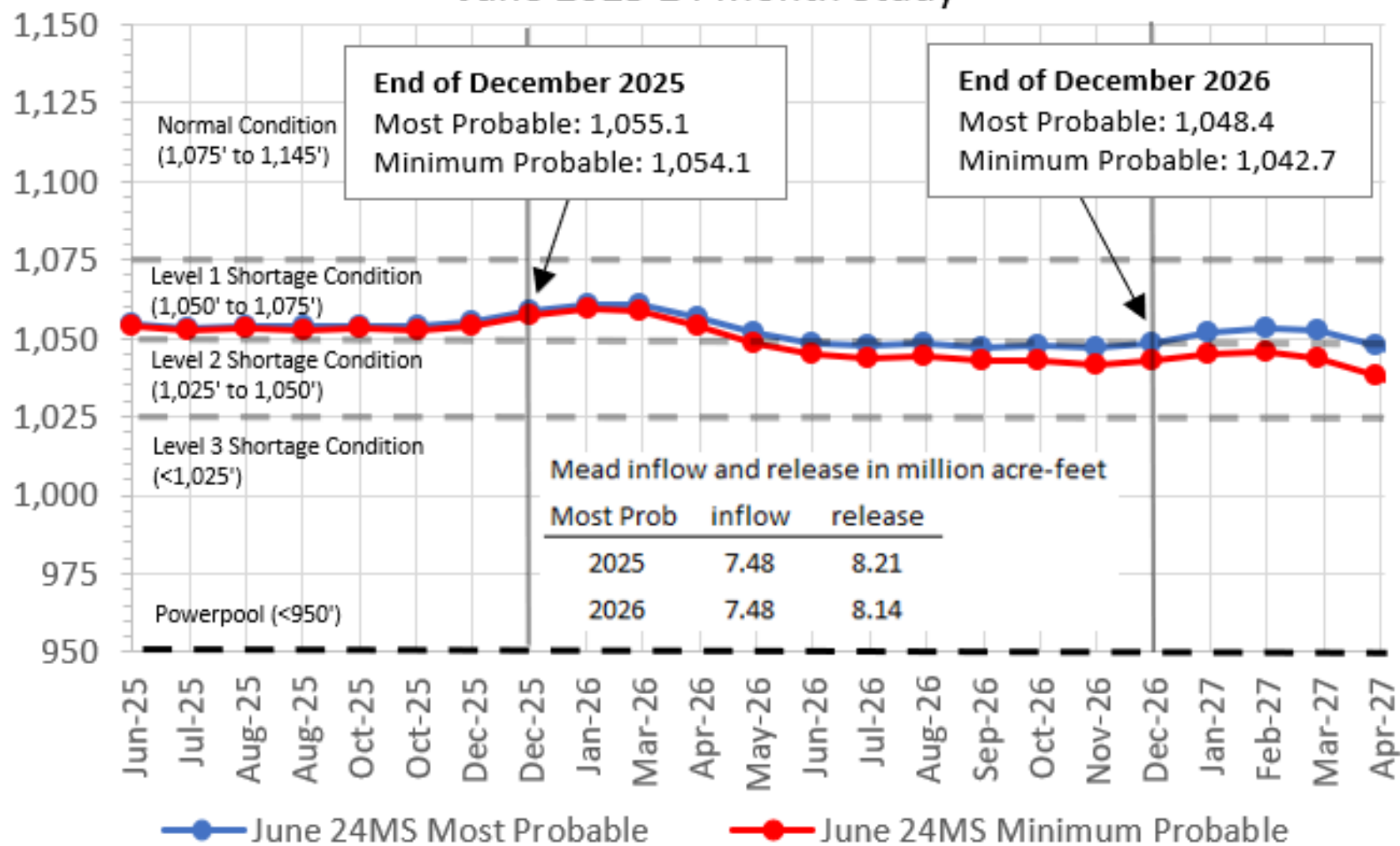
July 6, 2025 elevation: 3,560.3 feet





# Lake Mead End-of-Month Elevations

June 2025 24 Month Study



July 6, 2025 elevation: 1,054.8 feet

# Water Use In Southern Nevada

## 2025 January-May Southern Nevada Water Use<sup>1</sup>

Acre-Feet

|                                       |         |
|---------------------------------------|---------|
| Nevada Annual Allocation              | 300,000 |
| Drought Contingency Plan contribution | -8,000  |
| Interim Guidelines Shortages          | -13,000 |
| Diversions                            | 171,491 |
| Return Flow Credits                   | 102,711 |
| Consumptive Use                       | 68,780  |

<sup>1</sup> 2025 Consumptive use data is preliminary.