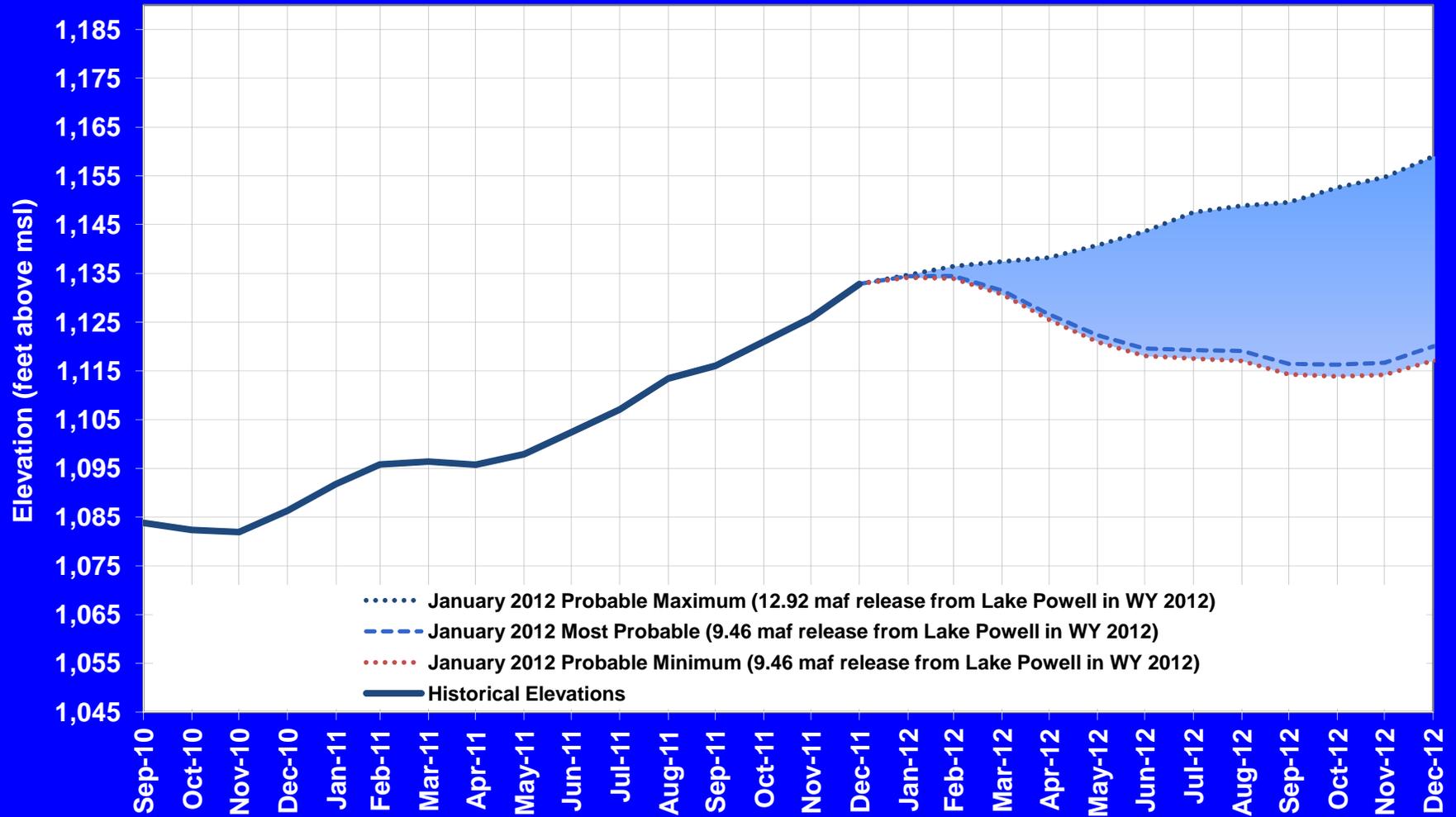


# Lake Mead End of Month Elevation

Projections from January 2012 24-Month Study Inflow Scenarios for 2012\*



\* See attached page for an explanation of the three hydrologic scenarios displayed in this chart and discussions on how the projected water year 2012 release volumes from Lake Powell were determined.

## January 2012 24-Month Study Projections Lake Mead End of Month Elevation Chart



The operations of Lake Powell and Lake Mead in each January 2012 24-Month Study inflow scenario are pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2012 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2011 24-Month Study projections of the January 1, 2012 system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2012.

Consistent with Section 6.A of the Interim Guidelines, the Lake Powell operational tier for water year 2012 is the Equalization Tier. Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2012.

The Interim Guidelines are available for download at <http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf>. The 2012 AOP is available for download at <http://www.usbr.gov/lc/region/g4000/aop/AOP12.pdf>.

### Explanation of Hydrologic Scenarios

In addition to the January 2012 24-Month Study based on the Most Probable inflow scenario, Reclamation conducted model runs to determine a possible range of reservoir elevations under Probable Minimum and Probable Maximum inflow scenarios in water year 2012. The Probable Minimum inflow scenario reflects a dry hydrologic condition which statistically would be exceeded 90% of the time. The Most Probable inflow scenario reflects a median hydrologic condition which statistically would be exceeded 50% of the time. The Probable Maximum inflow scenario reflects a wet hydrologic condition which statistically would be exceeded only 10% of the time. There is approximately an 80% probability that a future elevation will fall inside the range of the minimum and maximum inflow scenarios. There are possible inflow scenarios that would result in reservoir elevations falling outside the ranges indicated in these reports.

### January 2012 Probable Minimum Inflow Scenario

In this 24-month study, the January 2012 Probable Minimum inflow scenario projects the water year release volume from Lake Powell for 2012 to be 9.46 million acre-feet (maf).

### January 2012 Most Probable Inflow Scenario

The January 2012 24-Month Study with the Most Probable inflow scenario projects the water year release volume from Lake Powell for 2012 to be 9.46 maf.

### January 2012 Probable Maximum Inflow Scenario

In this 24-month study, the January 2012 Probable Maximum inflow scenario projects the water year release volume from Lake Powell for 2012 to be 12.92 maf.