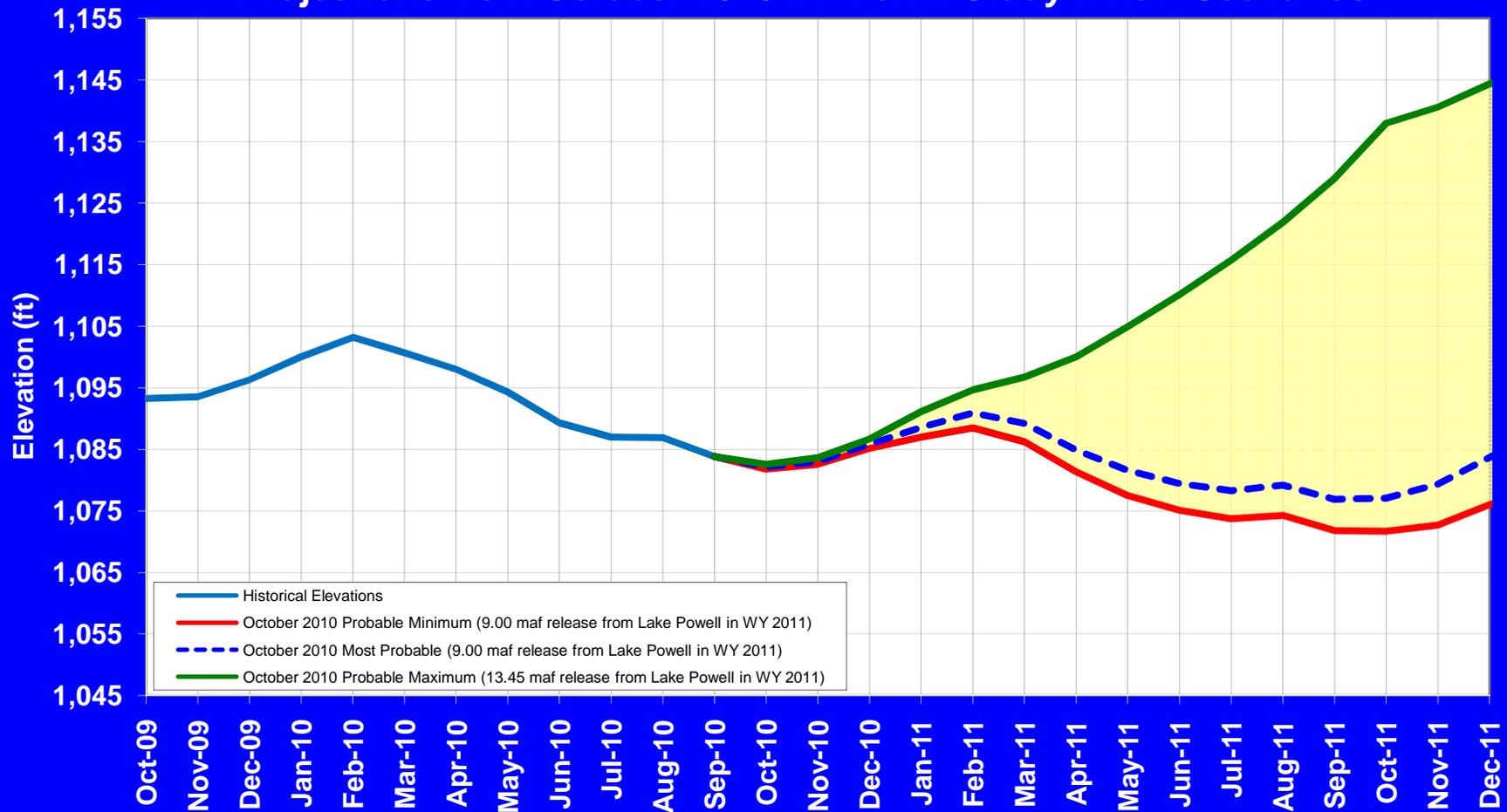


Lake Mead End of Month Elevation Projections from October 2010 24-Month Study Inflow Scenarios



The projected elevations in this graph are based on reservoir modeling under three possible inflow scenarios: 1) The minimum probable inflow scenario reflects a dry hydrologic condition which statistically would be exceeded 90% of the time; 2) the most probable inflow scenario reflects a median inflow condition which statistically would be exceeded 50% of the time; and 3) the maximum probable inflow scenario reflects a wet hydrologic condition which statistically would be exceeded only 10% of the time. There is approximately an 80% probability that the future elevation will fall inside the shaded region. There are possible inflow scenarios that would result in reservoir elevations falling outside the range indicated in this graph.

October 2010 Lake Mead End of Month Elevation Chart

Explanation of projected Lake Powell water year releases and Lake Mead elevations in 2011

October 2010 Probable Minimum Inflow Scenario

With a Lake Powell water year release volume of 8.23 million acre-feet (maf), and probable minimum side inflows between Glen Canyon Dam and Lake Mead, the August 2010 Probable Minimum inflow scenario resulted in a projected Lake Mead elevation below 1,075 feet on September 30, 2011. The Interim Guidelines provide for an April adjustment to Lake Powell operations when the April 24-Month Study projects the Lake Mead elevation to be at or below elevation 1,075 feet and the Lake Powell elevation to be at or above elevation 3,575 feet on September 30. In accordance with this provision, the Probable Minimum inflow scenario projects such an April adjustment, resulting in additional releases from Lake Powell. Under this scenario, the annual release from Glen Canyon Dam is projected to be 9.00 maf.

October 2010 Most Probable Inflow Scenario

The October 2010 24-Month Study based on the Most Probable inflow scenario, with a water year release volume from Lake Powell of 8.23 maf, projects that the Lake Mead end of water year 2011 elevation will be below 1,075 feet and the Lake Powell end of water year elevation will be above 3,575 feet. For this reason, the October 2010 24-Month Study projects that an April adjustment in 2011 is likely to occur under the forecasted most probable hydrologic conditions. Under the Upper Elevation Balancing Tier, the water year 2011 release volume from Lake Powell is projected to be 9.00 maf. Based on analysis of inflow scenarios, the probability of an April adjustment to the Equalization Tier in 2011 is approximately 50 percent.

October 2010 Probable Maximum Inflow Scenario

With a Lake Powell water year release volume of 8.23 maf, the October 2010 Probable Maximum inflow scenario projects Lake Powell's 2011 end of water year elevation to be above the 2011 Equalization Elevation of 3,643 feet. Pursuant to the Interim Guidelines, the Probable Maximum inflow scenario projects an April adjustment to the Equalization Tier in 2011. Under this scenario, the water year 2011 release from Glen Canyon Dam is projected to be 13.45 maf.