

CBRFC Stakeholder Forum Application of CBRFC Products and Services October 31, 2017

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Metropolitan Water District

Northern Sierra Nevada



Imported Supply Sources Upper Colorado River Basin

Metropolitan Water District



26

Member Agencies

Metropolitan Water District



~140 Retail Agencies





Metropolitan's Imported Water Supplies





Northern Sierra Precipitation 8-Station Index



Higher Powell releases help increase Mead Storage



Factors Considered for Additional Releases:

- 2017 Runoff into Lake Powell
- Lake Powell Storage levels
- Equalization
 trigger level has
 increased since
 2011

Imported Supply Relationship



MWD Storage Balance (ICS) in Lake Mead



Lake Mead Hits Record Low Storage





2017 Storage Projections 1.3 MAF Start of calendar year 2017 Storage



Other Useful Information



Summary

Put into perspective how storm systems impact water supply in the Upper Basin

- Would creating an Index focusing on areas of the watershed that historically contribute most to runoff help?
- Correlate runoff with Lake Powell storage levels
 - What is the likelihood of reaching certain levels, and what will it take to get there?
- Side stream inflows
 - Where should we be looking to better anticipate these flows

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Take your turn.

