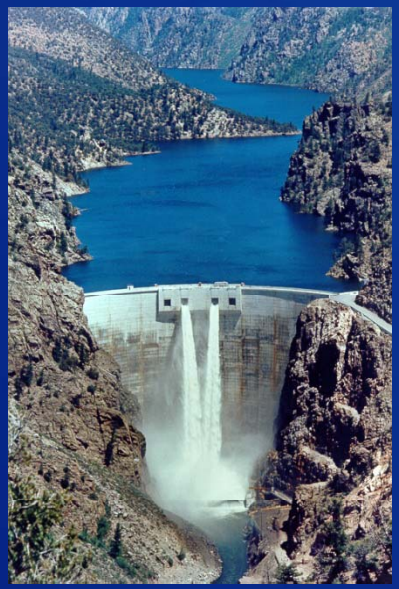
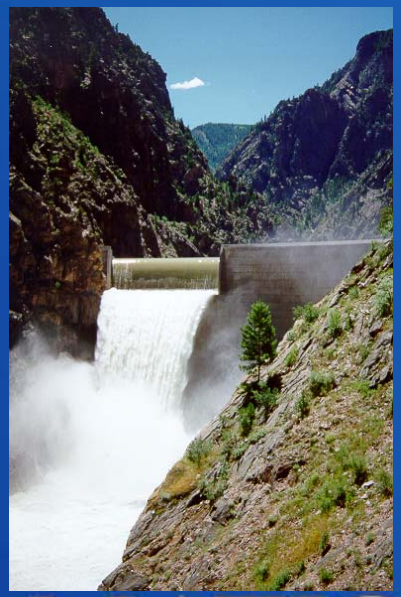
Aspinall Operations Meeting

January 24, 2013





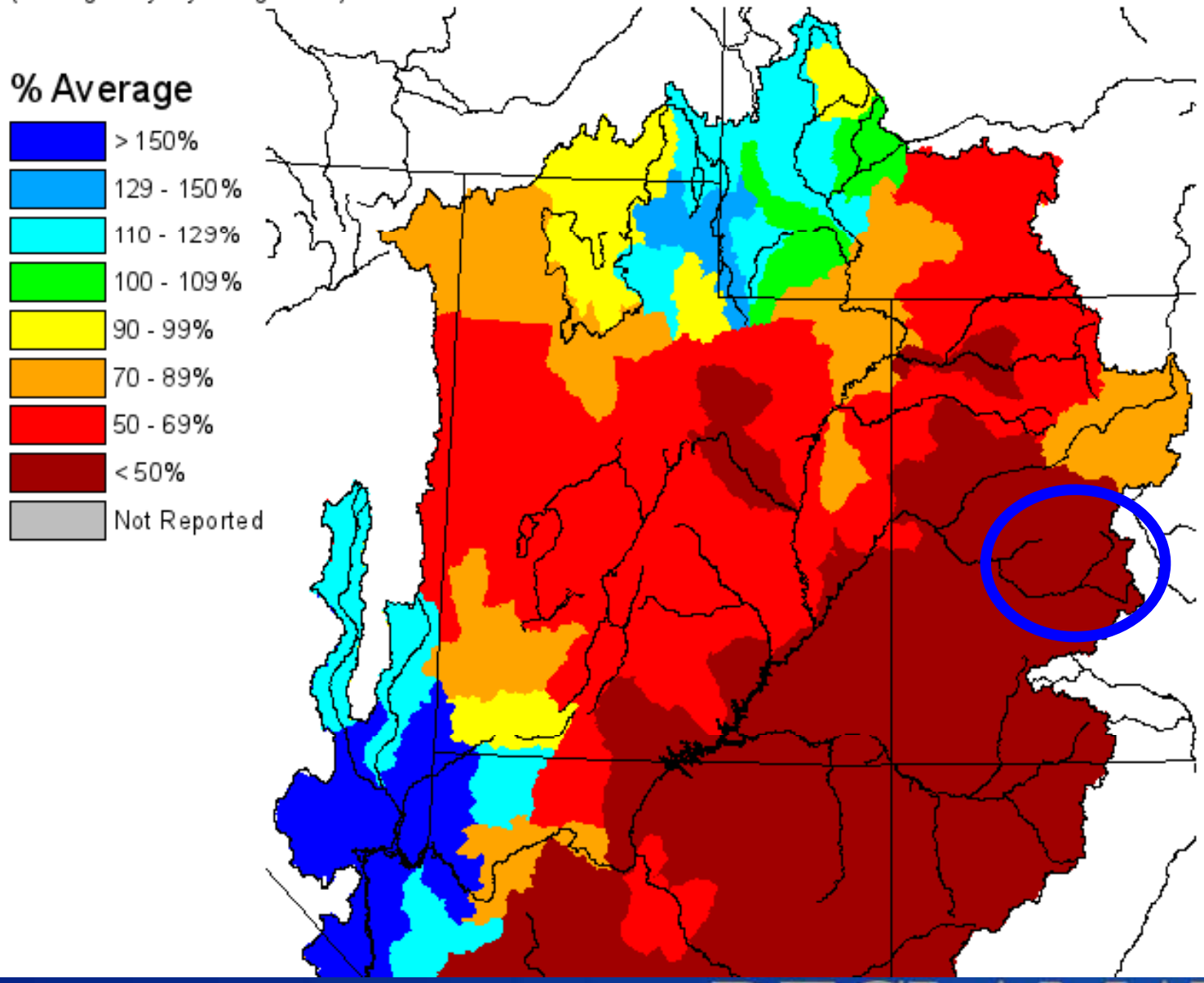
RECLAMATION

SNOW CONDITIONS

RECLAMATION

Monthly Precipitation for October 2012

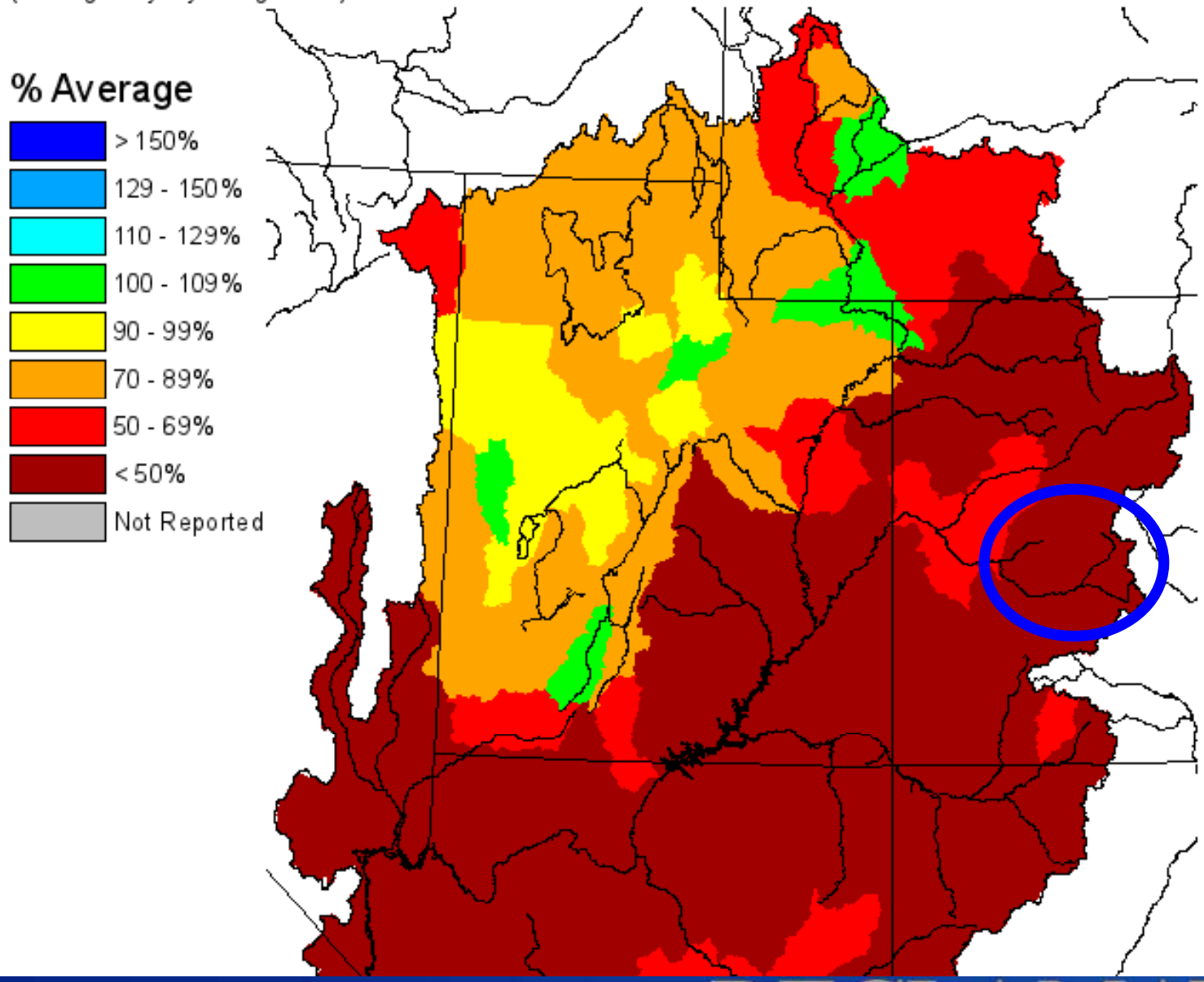
(Averaged by Hydrologic Unit)



RECLAMATION

Monthly Precipitation for November 2012

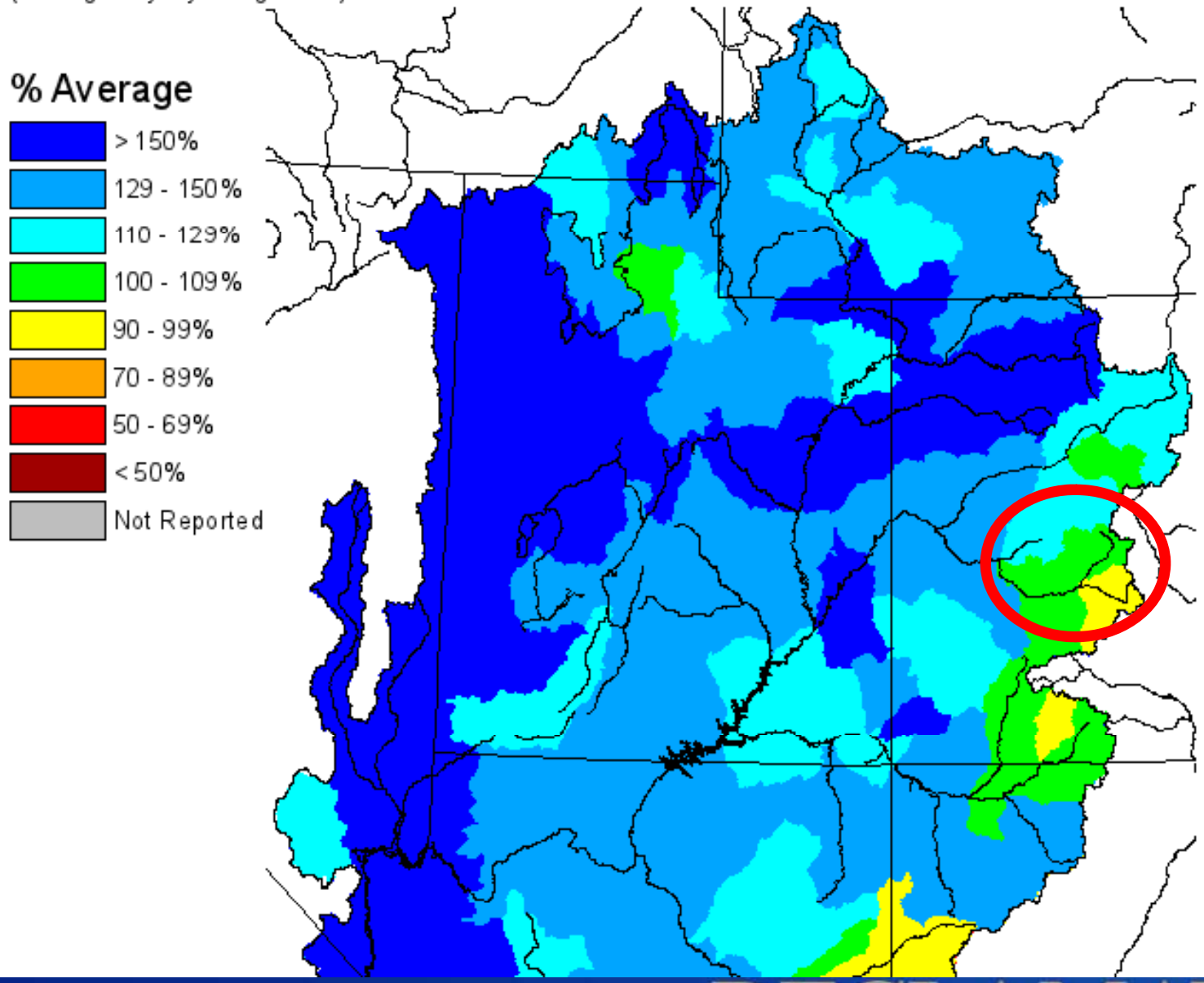
(Averaged by Hydrologic Unit)



RECLAMATION

Monthly Precipitation for December 2012

(Averaged by Hydrologic Unit)



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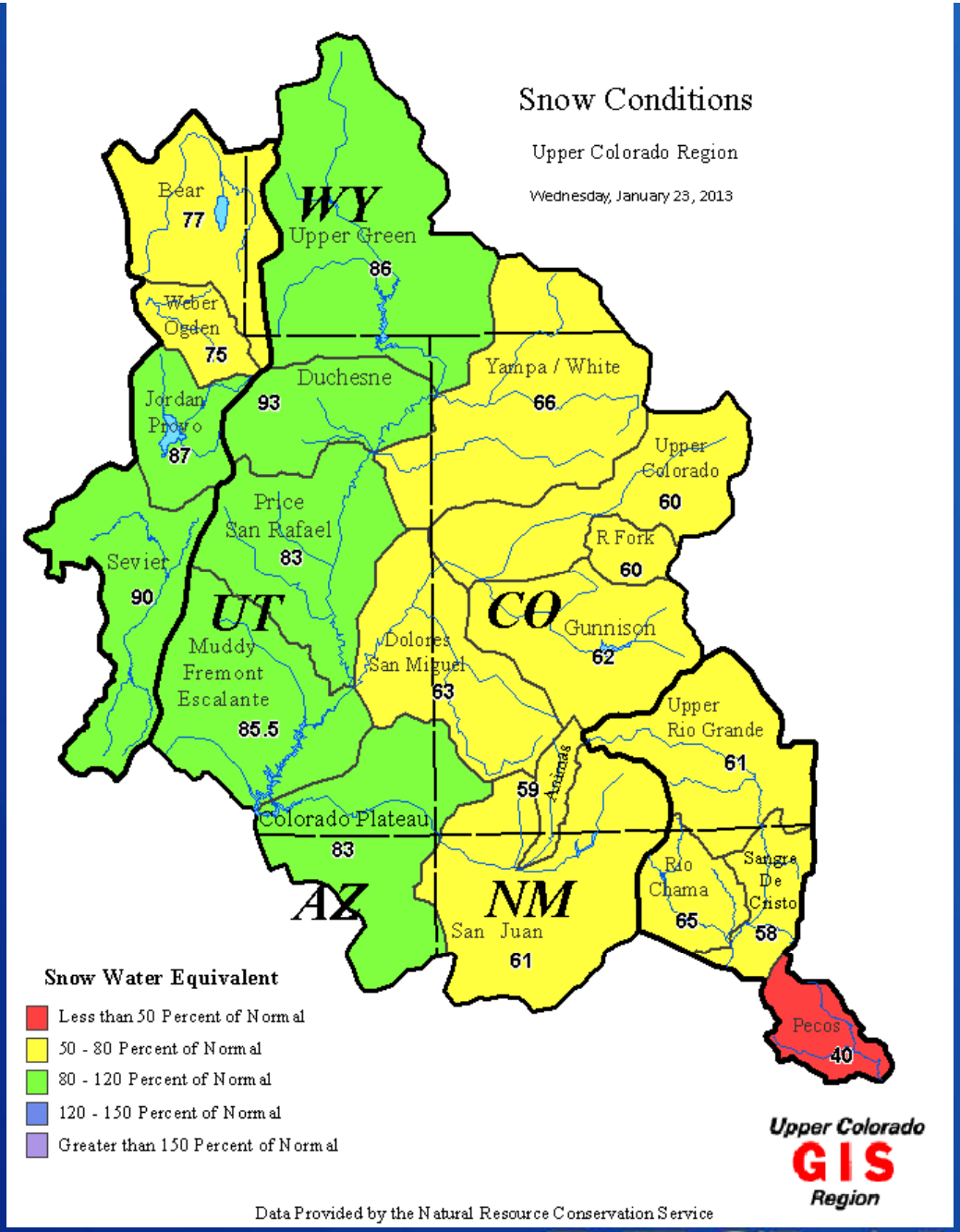

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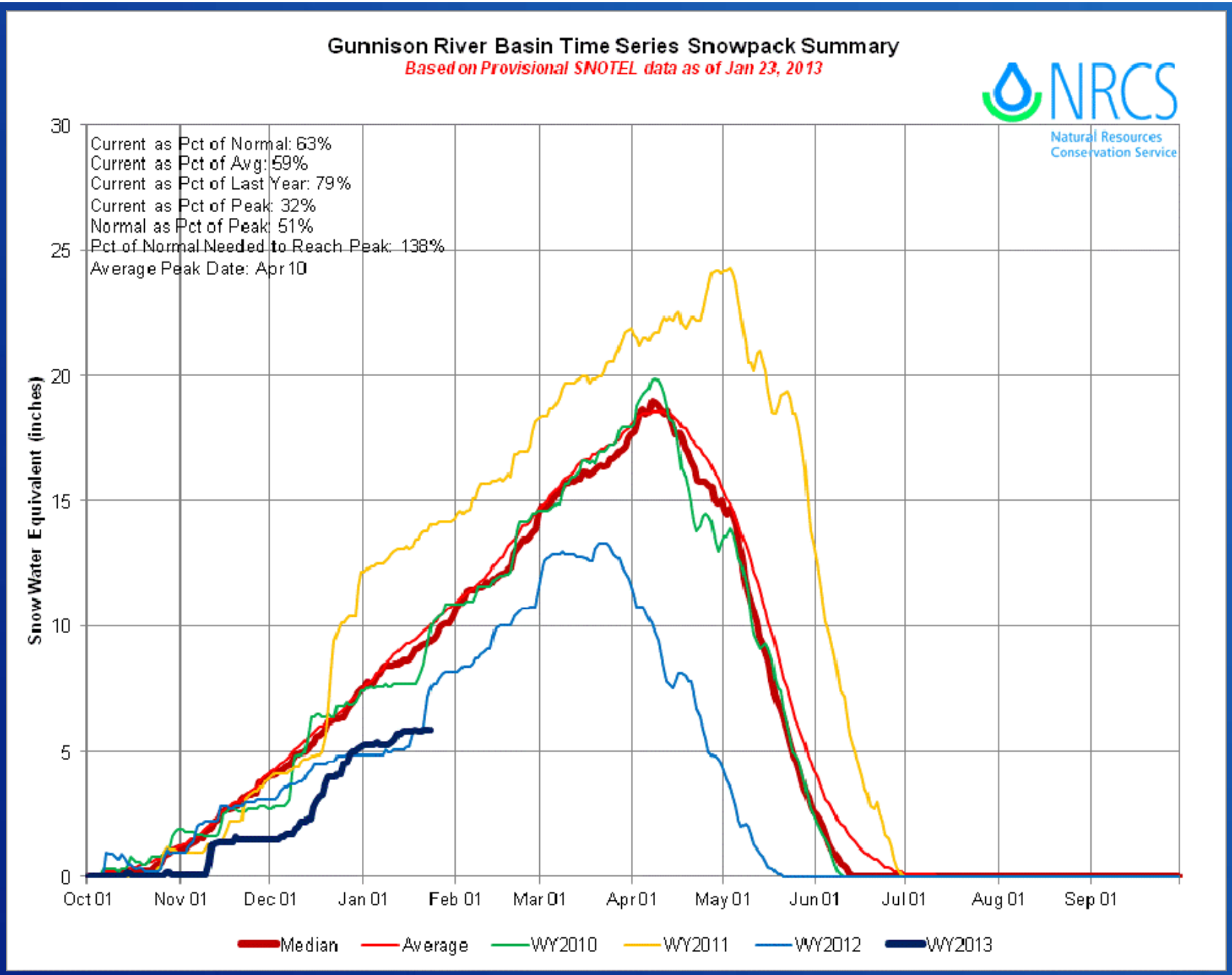

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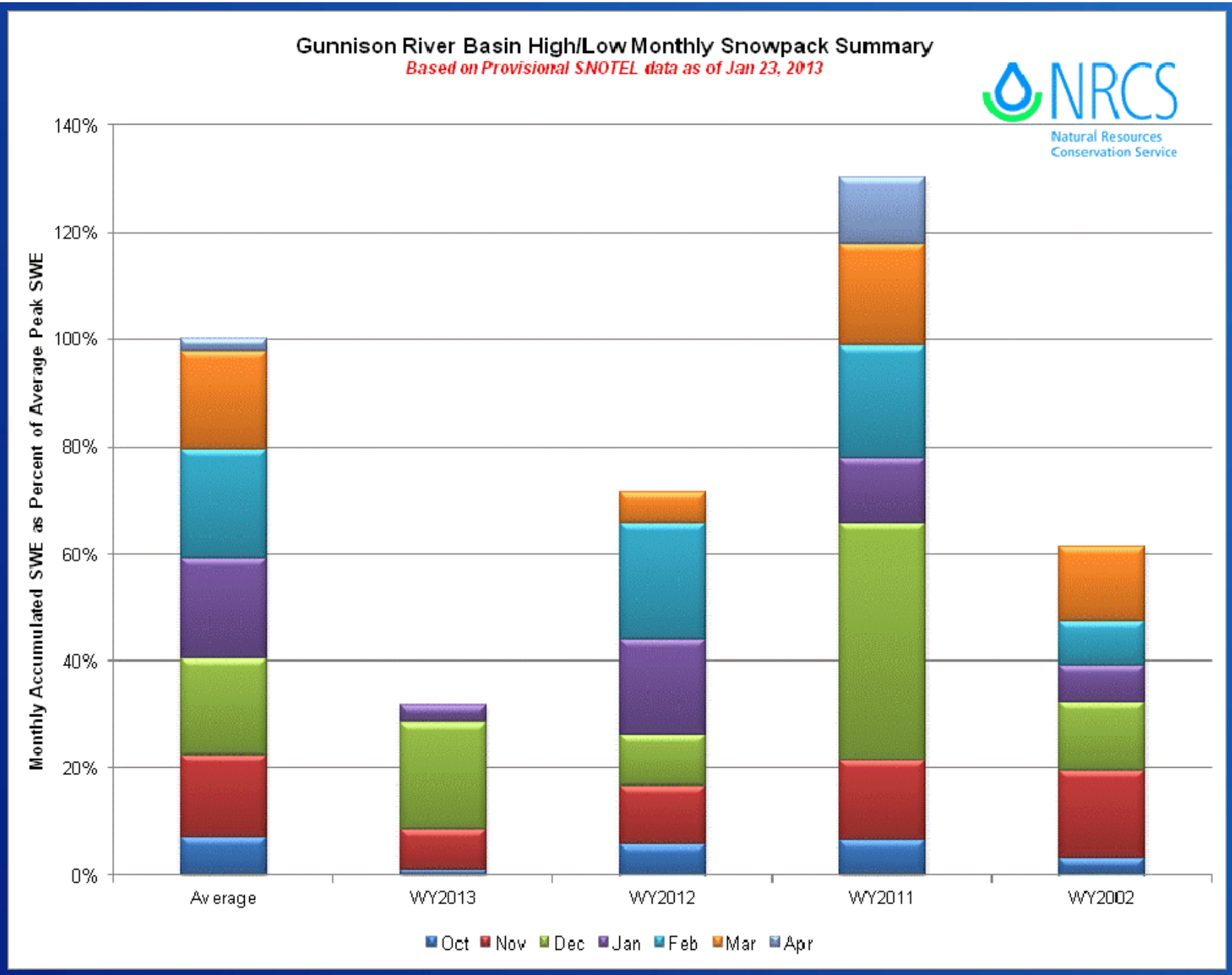
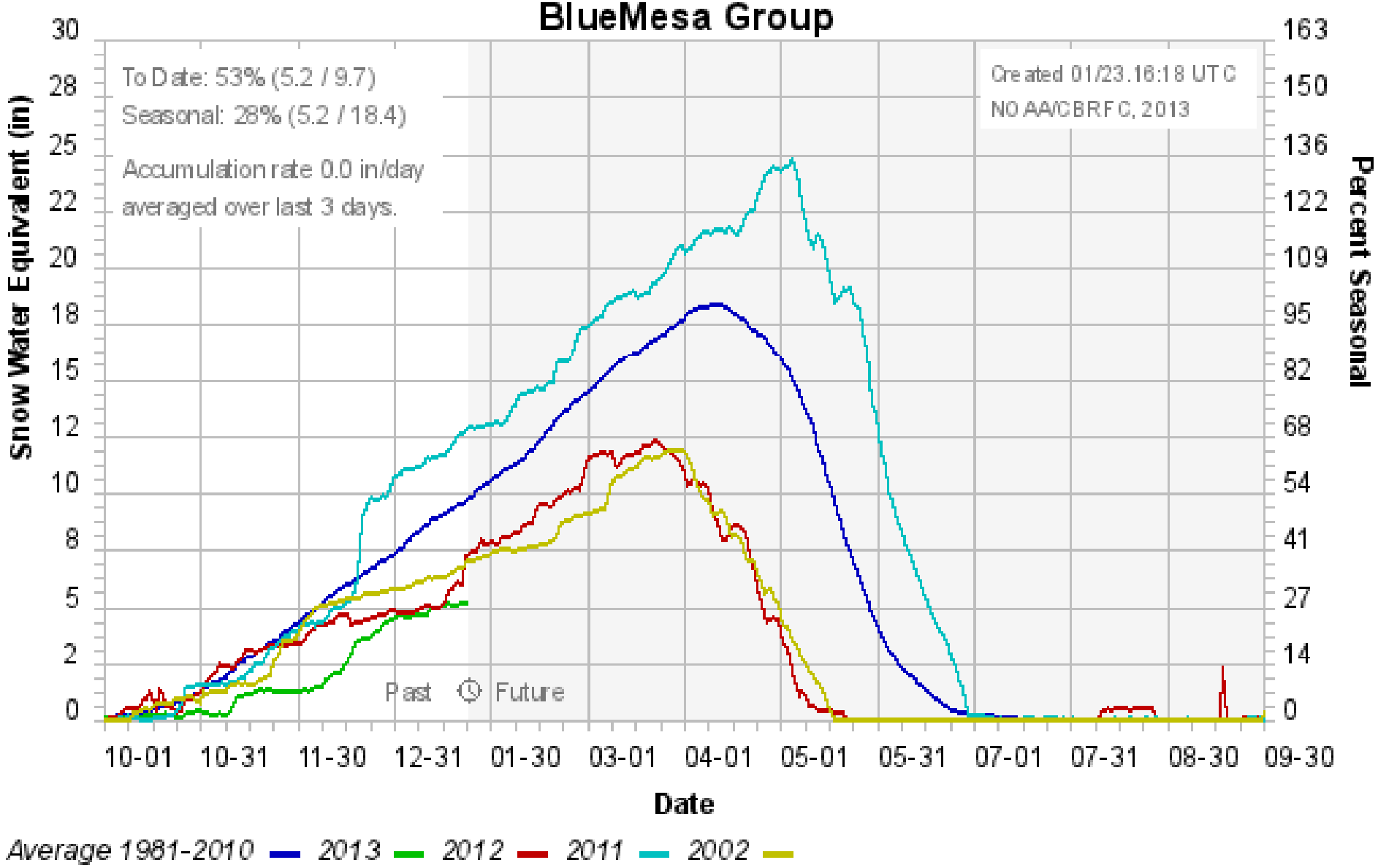


RECLAMATION

Colorado Basin River Forecast Center

BlueMesa Group



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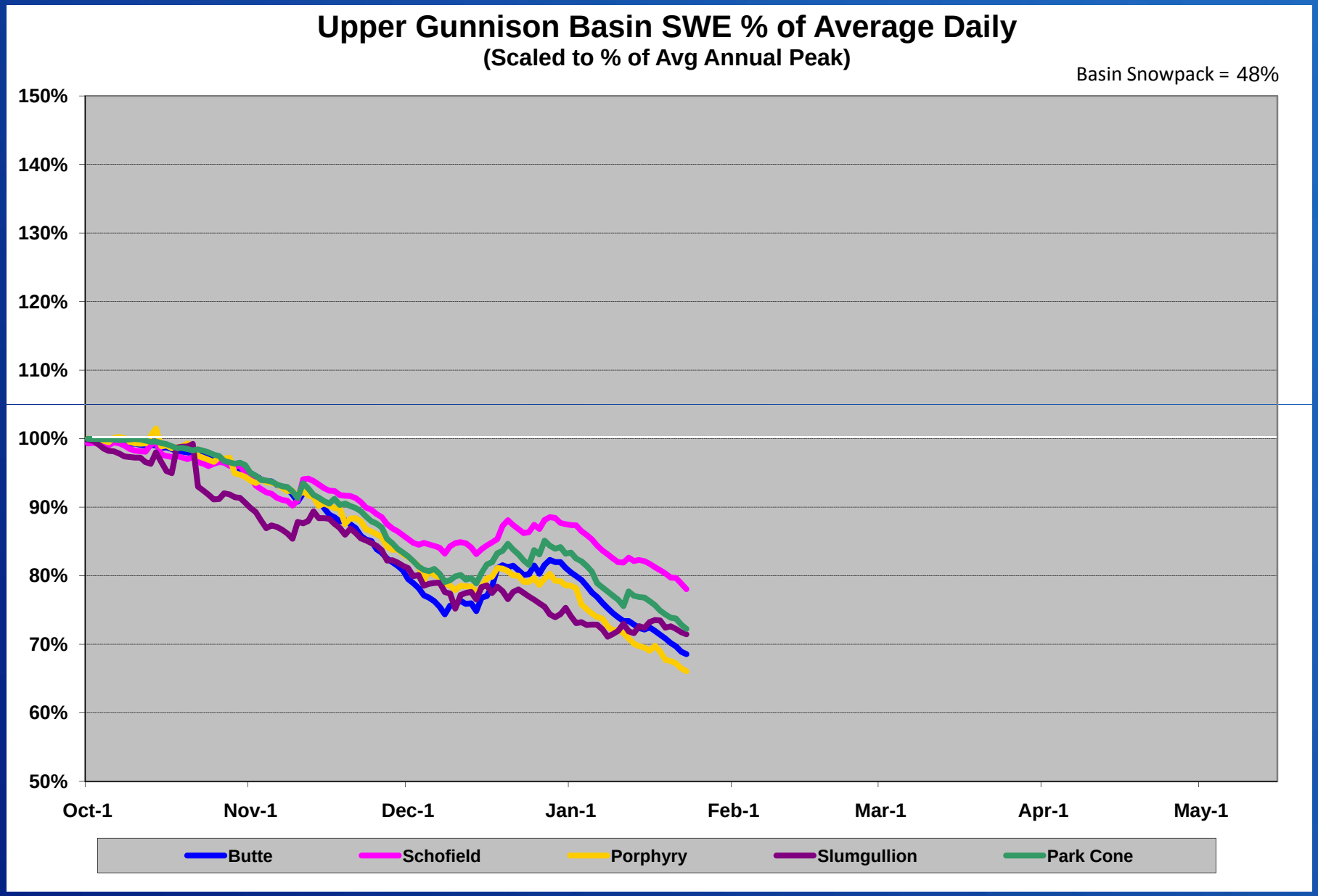
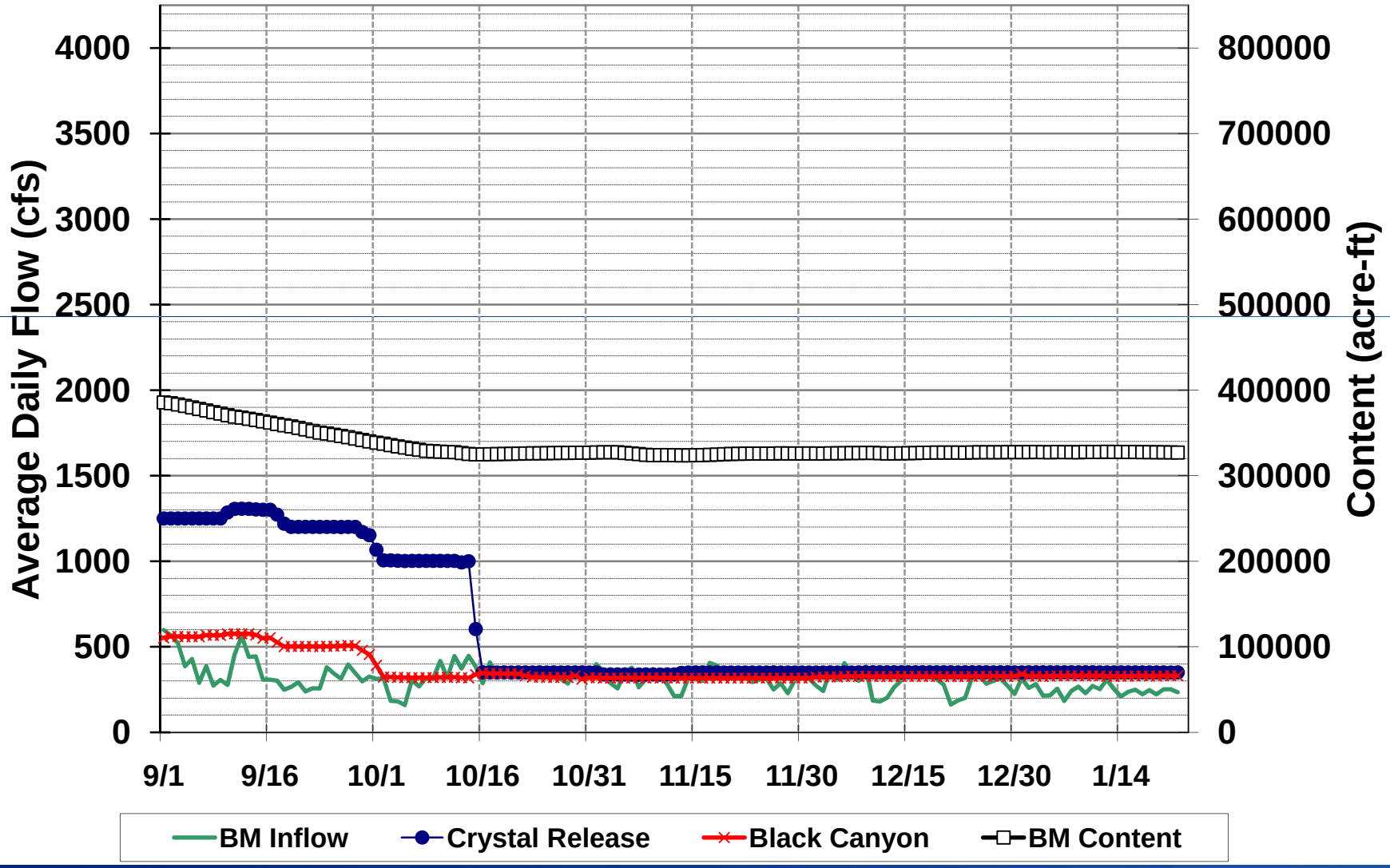


RECLAMATION

OPERATIONS
PAST AND PRESENT

RECLAMATION

September 2012 - January 2013



RECLAMATION

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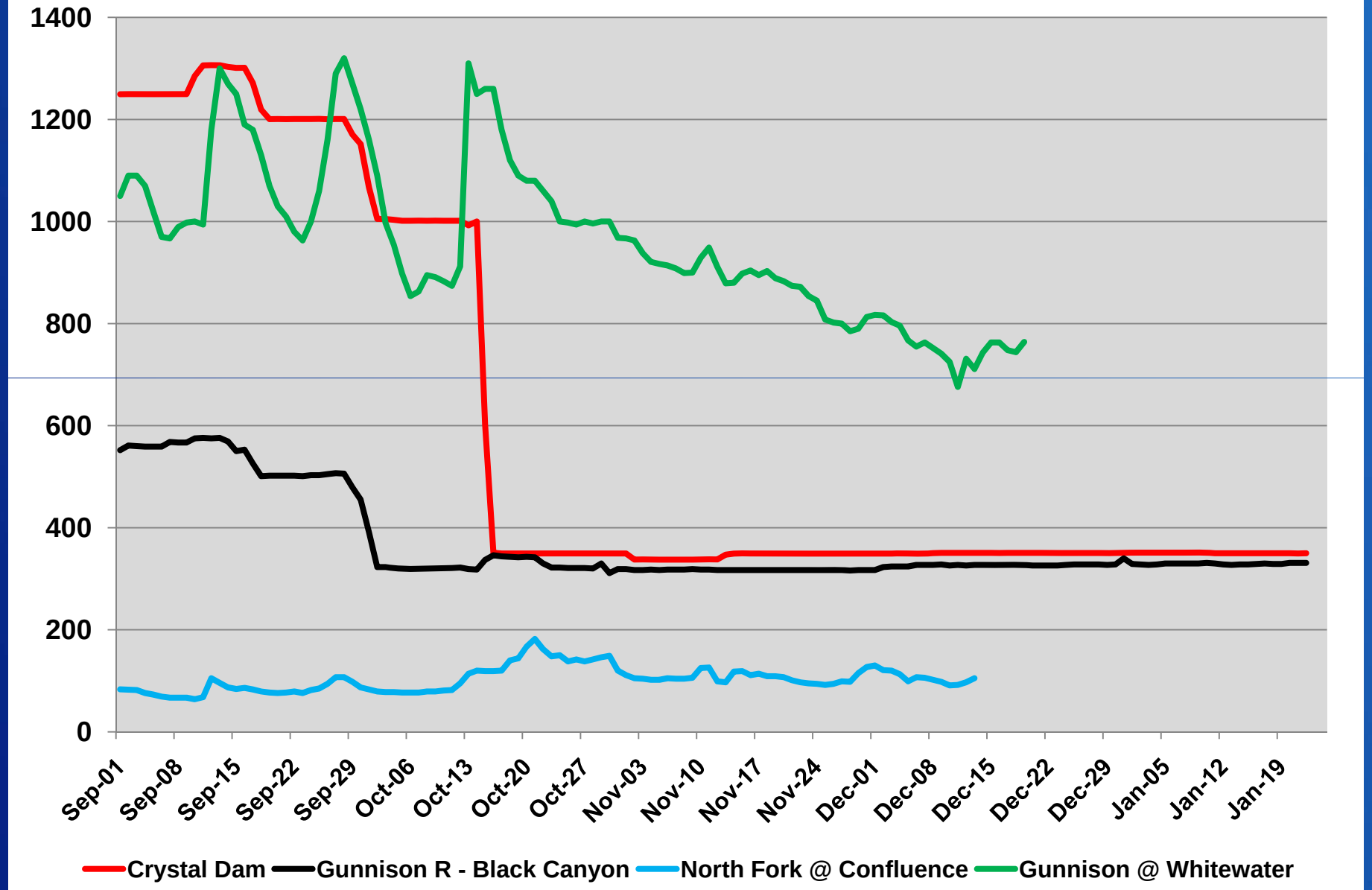
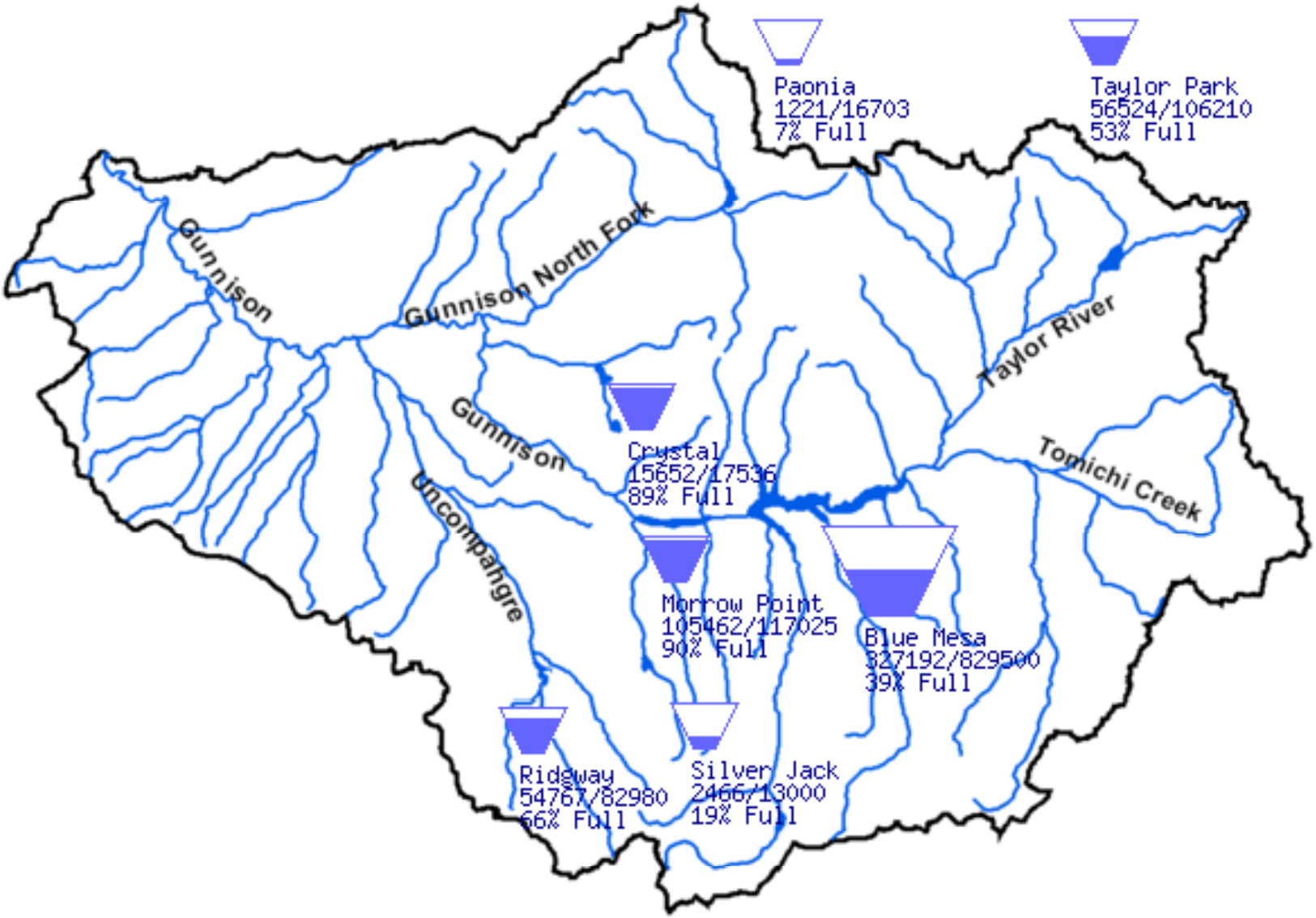
Gunnison River Flows



RECLAMATION

Data Current as of:
01/21/2013

Gunnison River Basin, CO



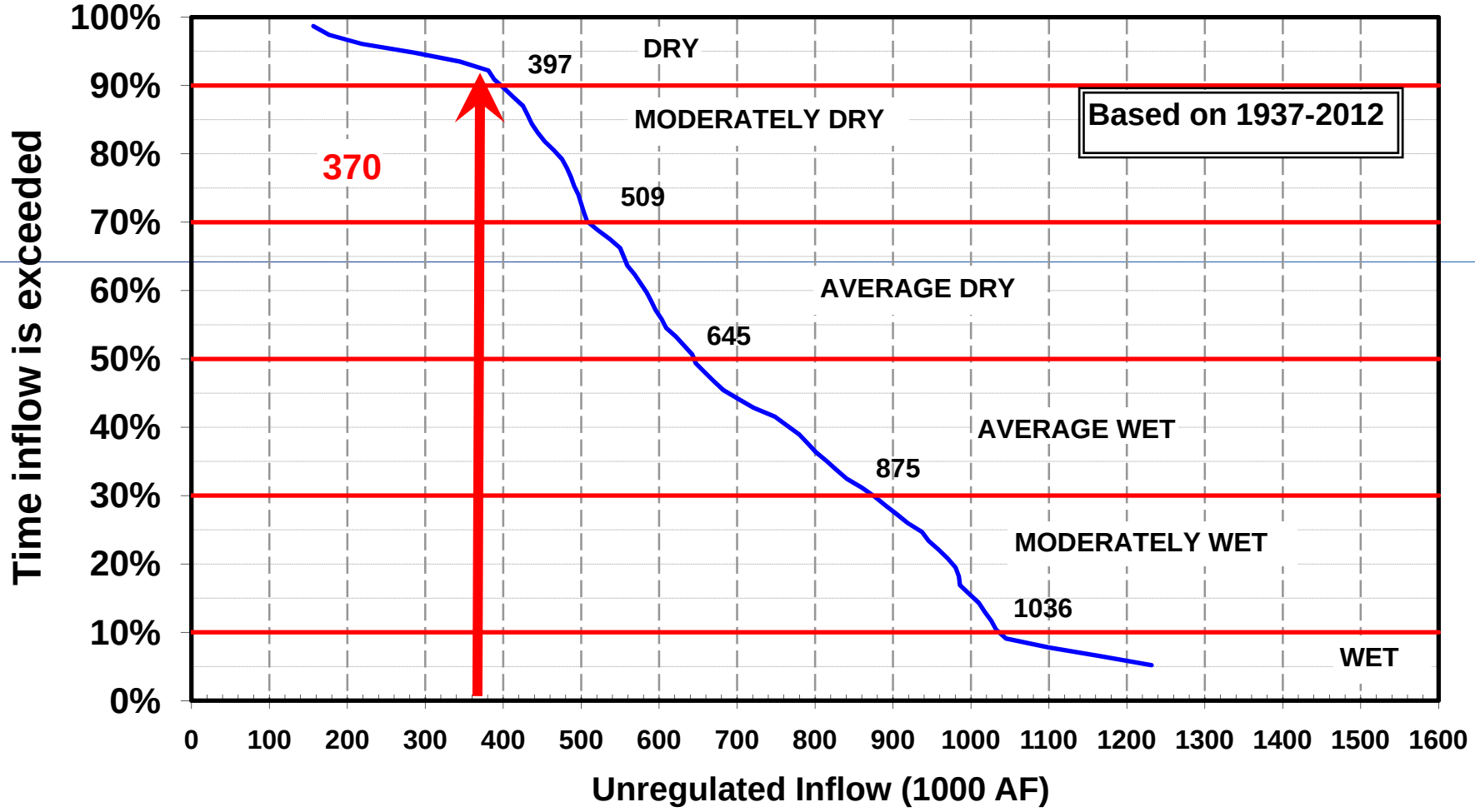
RECLAMATION

FORECASTS AND FUTURE OPERATIONS

RECLAMATION

Blue Mesa Reservoir

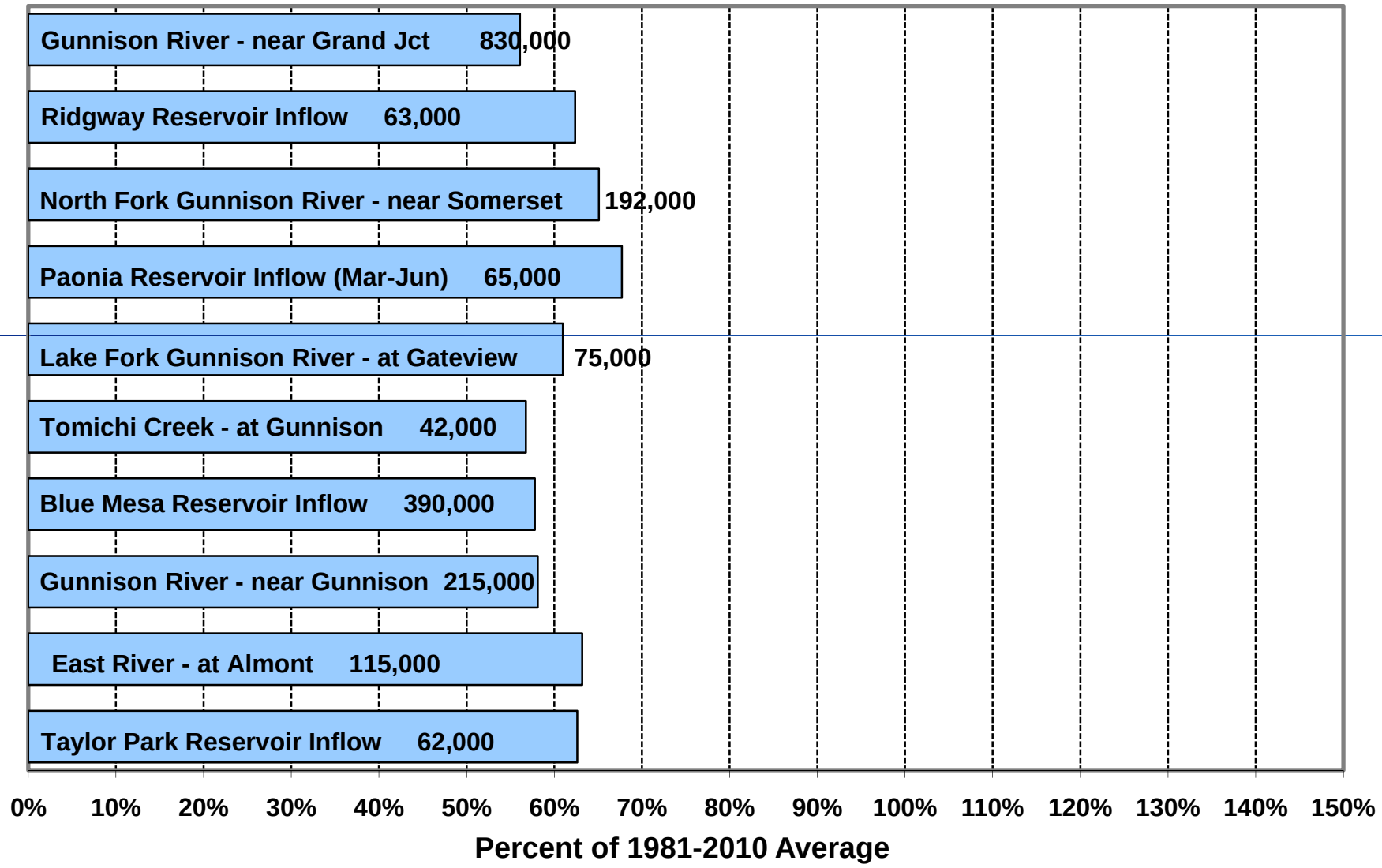
April - July Unregulated Inflow



RECLAMATION

Forecasted April-July Runoff

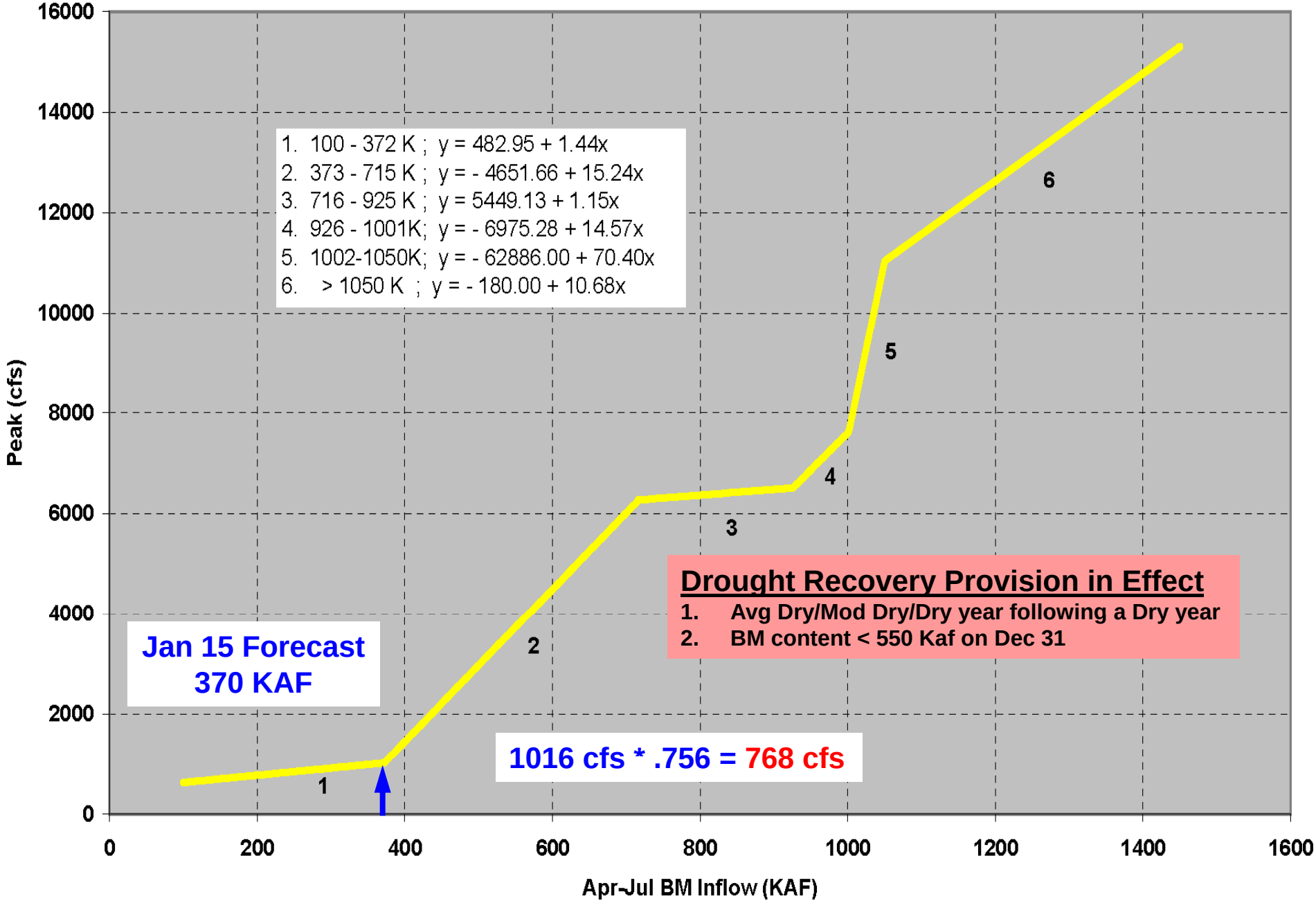
As of January 1st



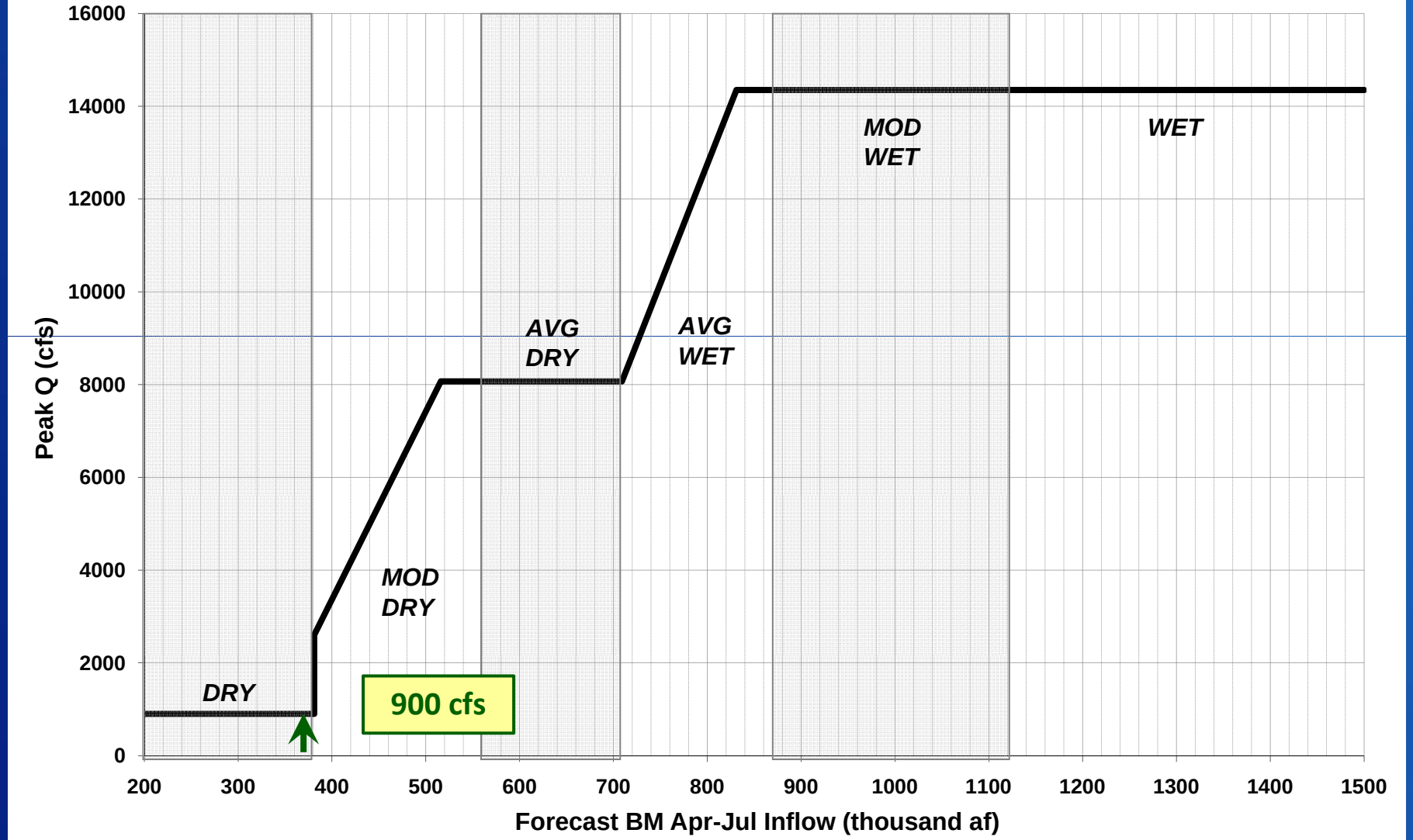
RECLAMATION

Black Canyon Peak Flow Determination

based on Blue Mesa May 1 forecast



Peak Flow Target at Whitewater



RECLAMATION

Baseflow Targets

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Wet	1050	1050	1050	1050	1050	1500	1500	1500	1050	1050	1050	1050
Mod Wet	1050	1050	1050	1050	1050	1500	1500	1500	1050	1050	1050	1050
Avg Wet	1050	1050	1050	1050	1050	1500	1500	1050	1050	1050	1050	1050
Avg Dry	1050	1050	1050	1050	1050	1500	1500	1050	1050	1050	1050	1050
Mod Dry*	750	750	750/790	750/890	750/890	1050	1050	1050	750/890	750/790	750/790	750
Dry*	750	750	750/790	750/890	750/890	1050	1050	750/890	750/890	750/790	750/790	750

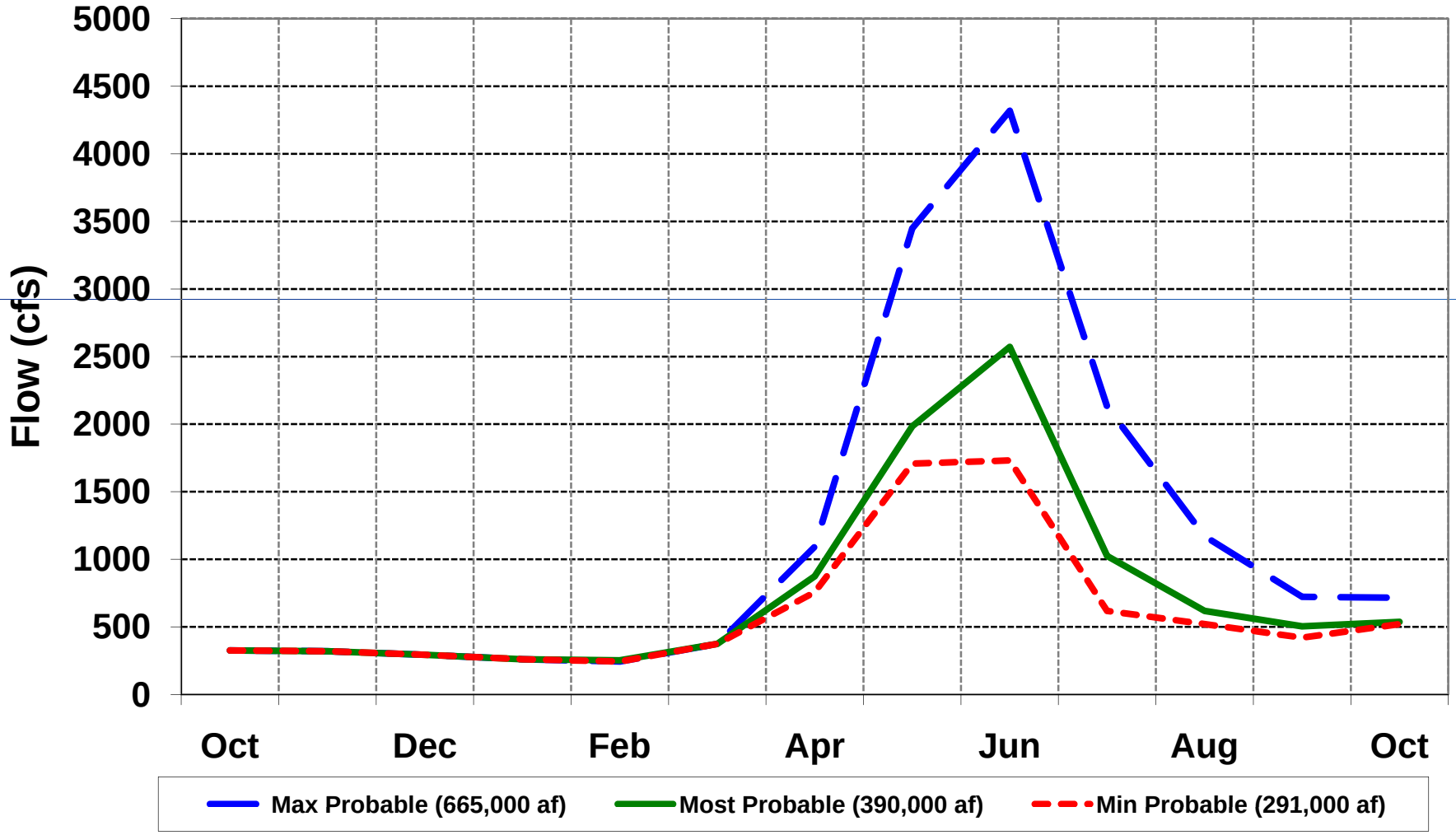
*During March through November in Moderately Dry and Dry type years, additional releases will be made as necessary to provide flows above the 750 cfs anticipated to be diverted by the Redlands Water and Power Company, for the fish ladder and fish screen as shown.

Drought Rules

- During Dry and Moderately Dry years, if Blue Mesa Reservoir content drops below 600,000 af, the Whitewater baseflow target is reduced from 1050 cfs to 900 cfs until Blue Mesa Reservoir content exceeds 600,000 af

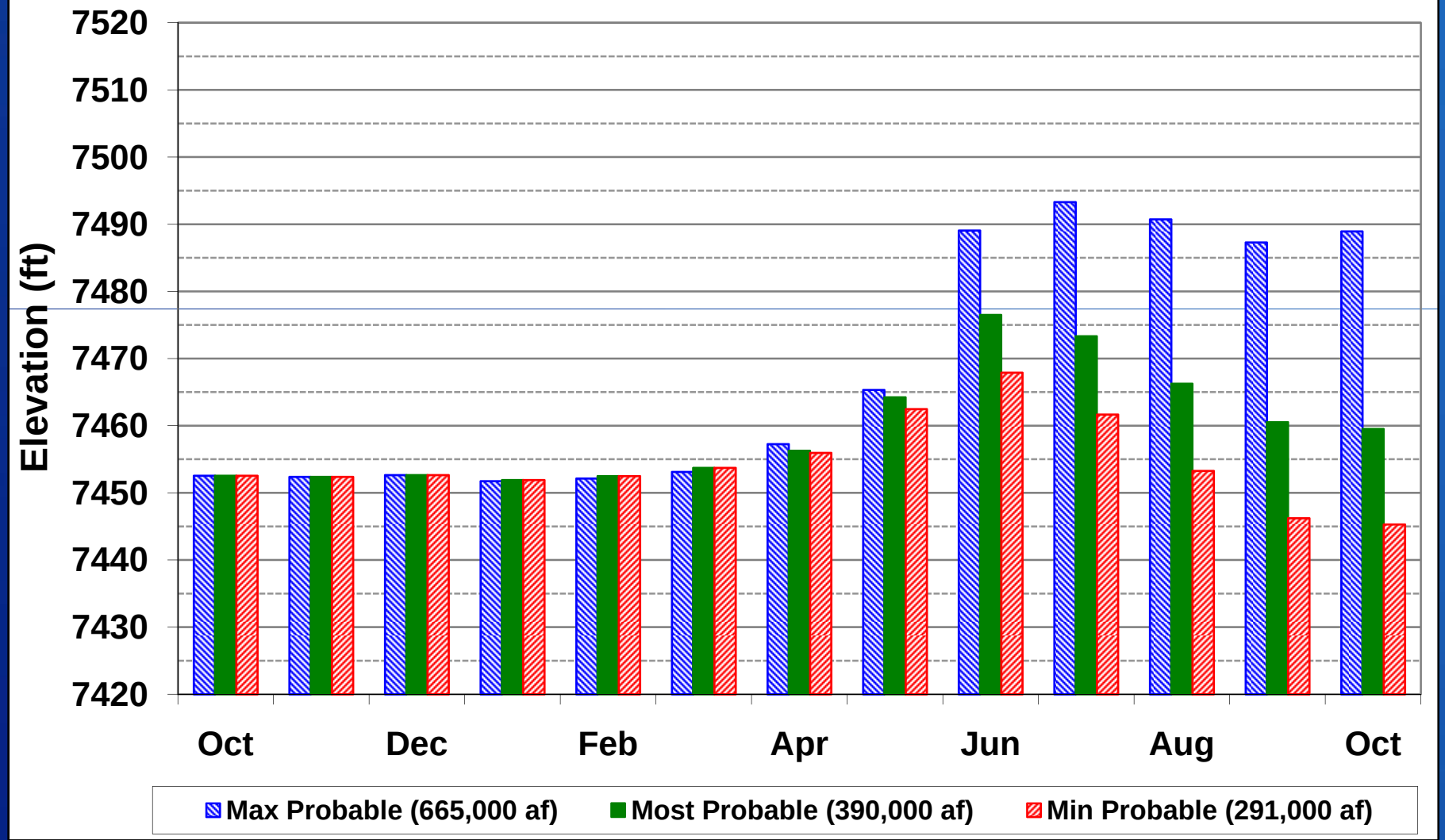
RECLAMATION

Unregulated Blue Mesa Inflow
Monthly Average



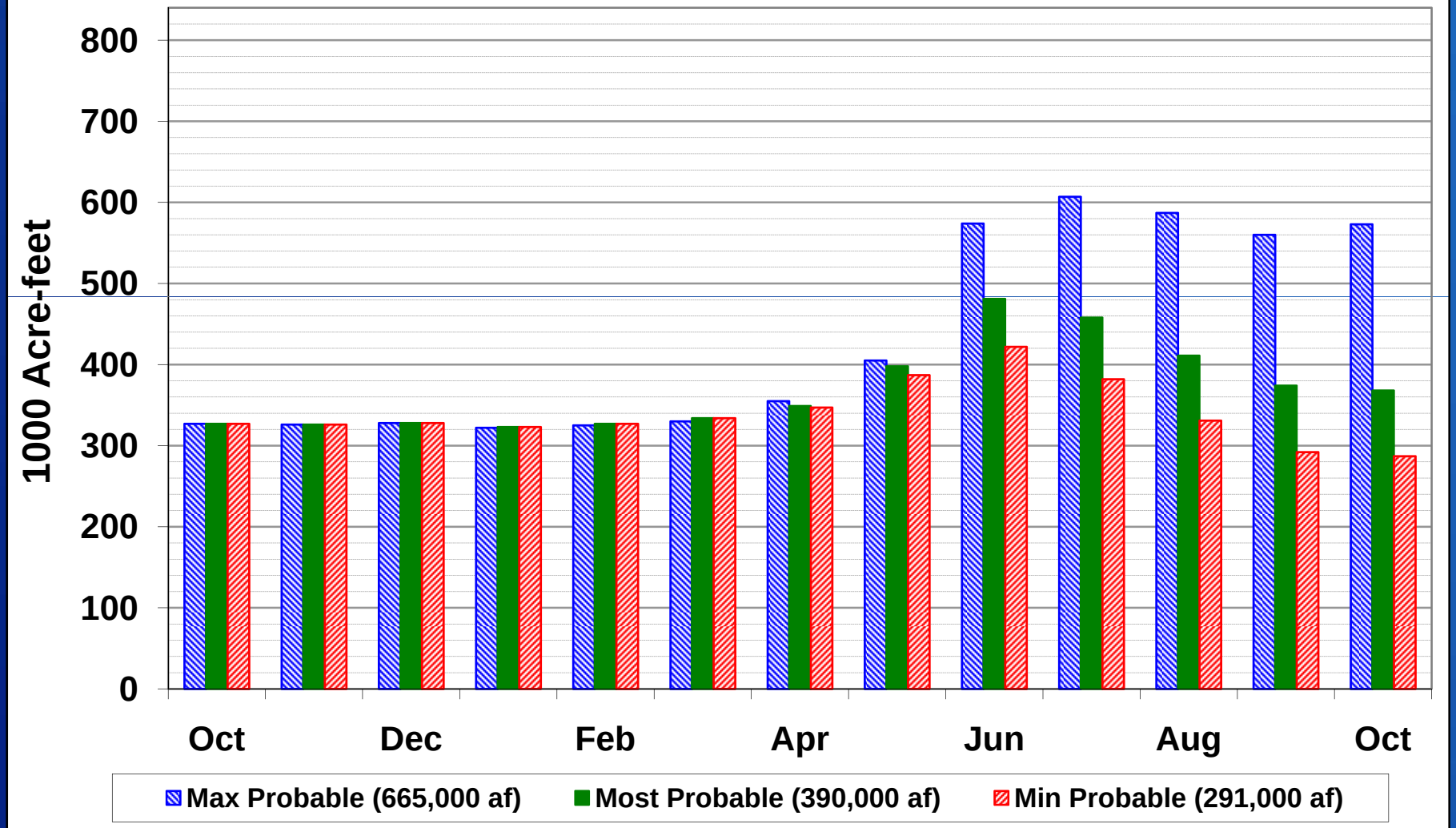
RECLAMATION

Blue Mesa Elevation
End of Month



RECLAMATION

Blue Mesa Content
End of Month



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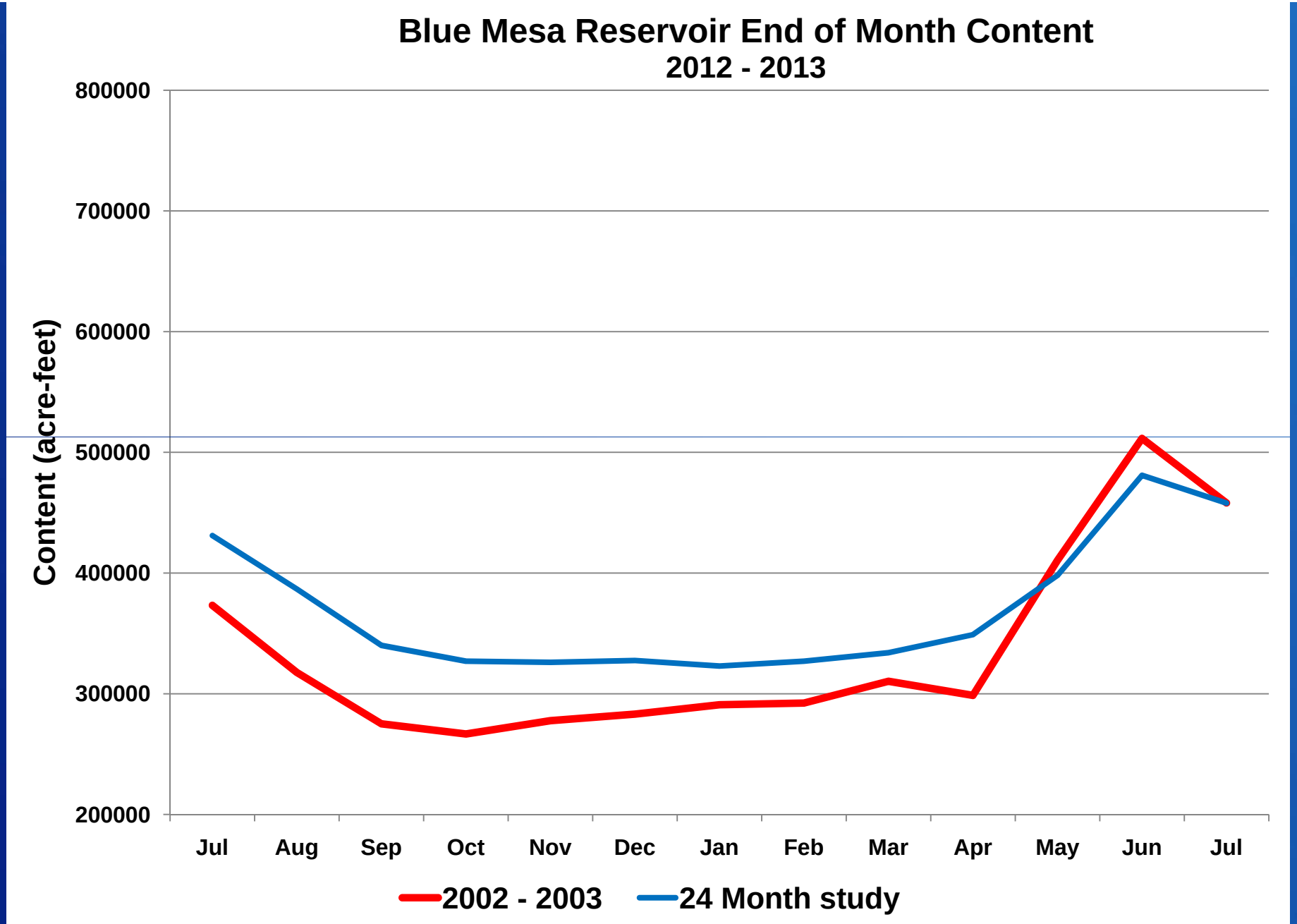

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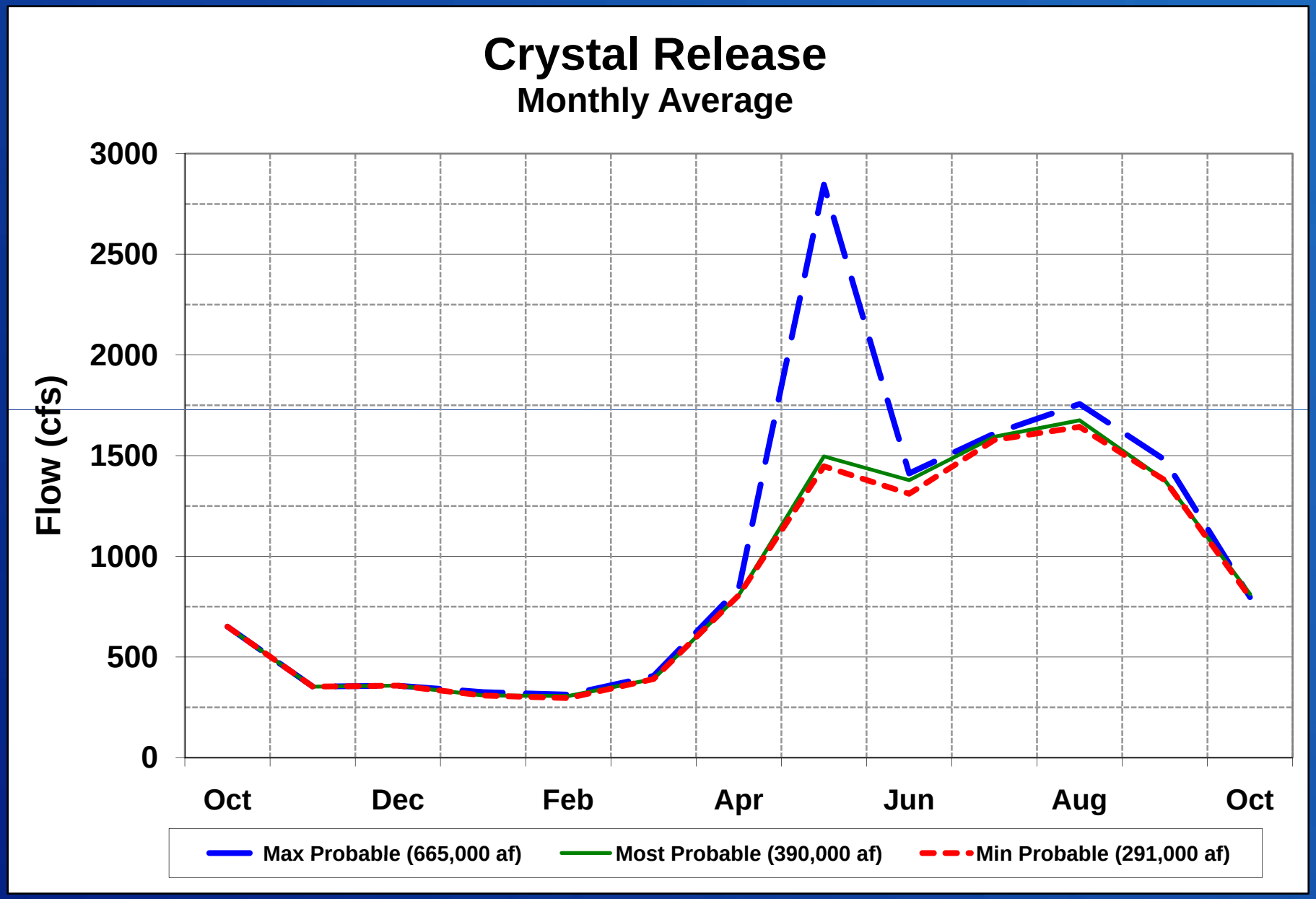

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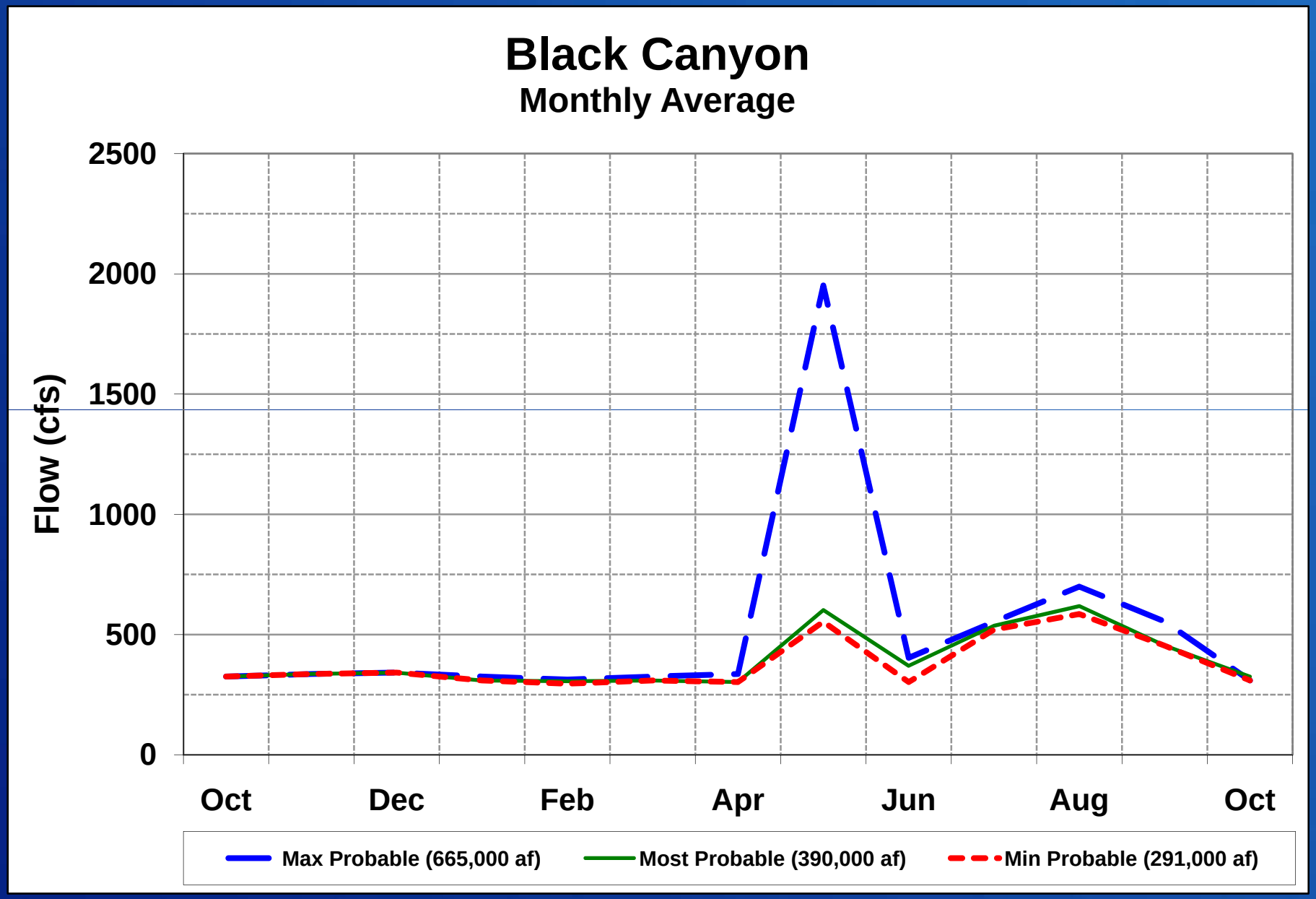
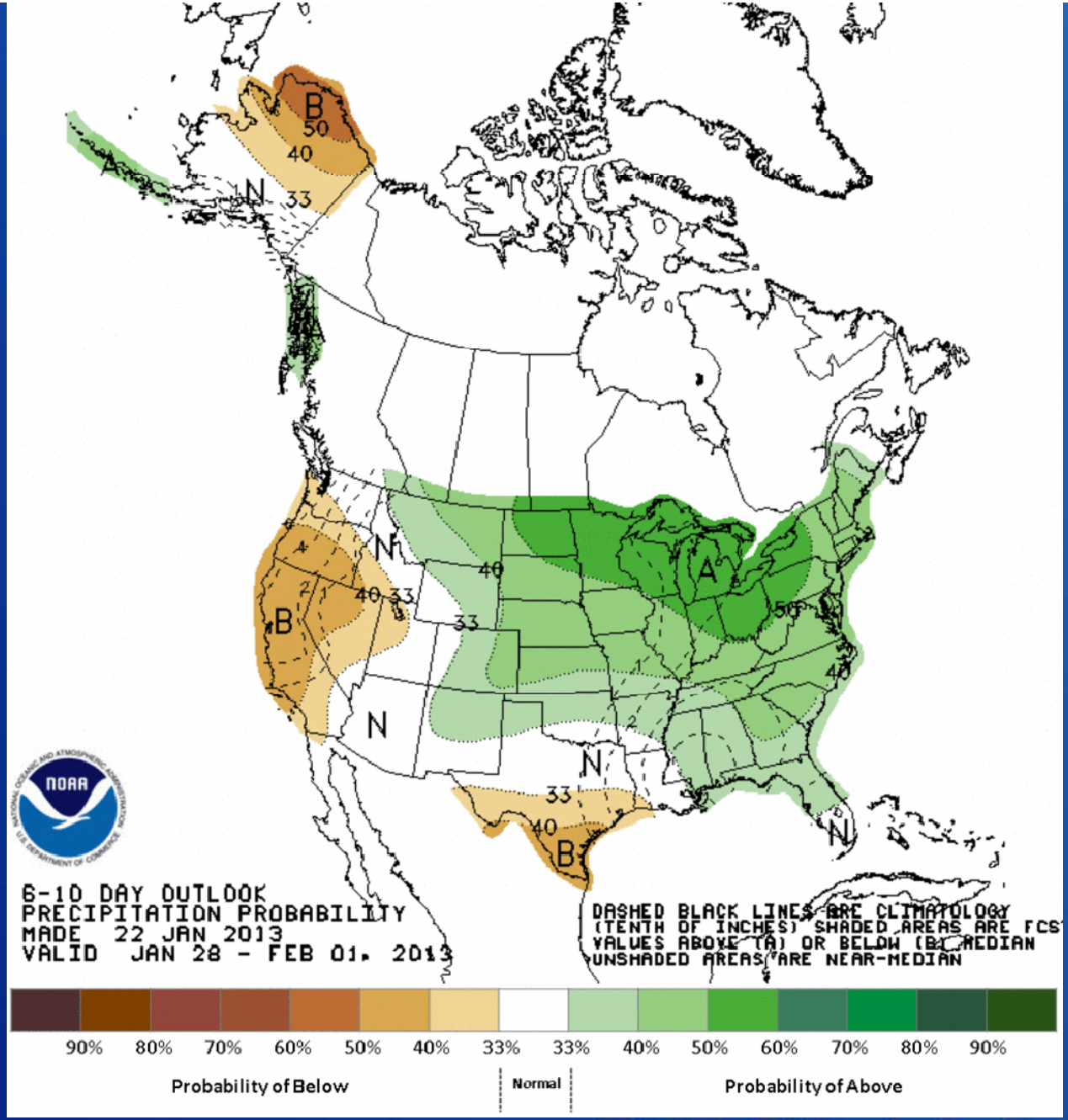


RECLAMATION

WEATHER FORECASTS

RECLAMATION



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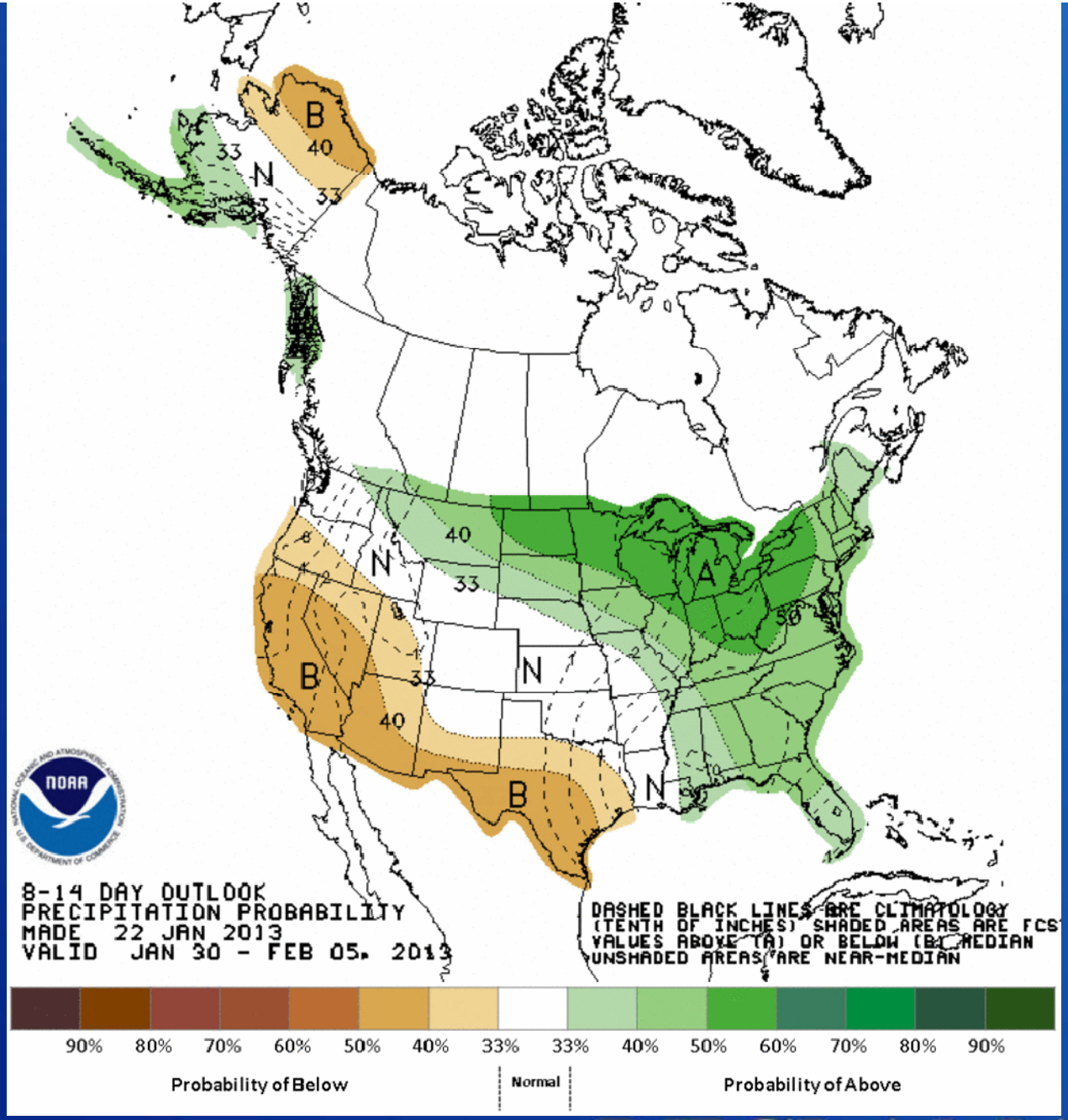

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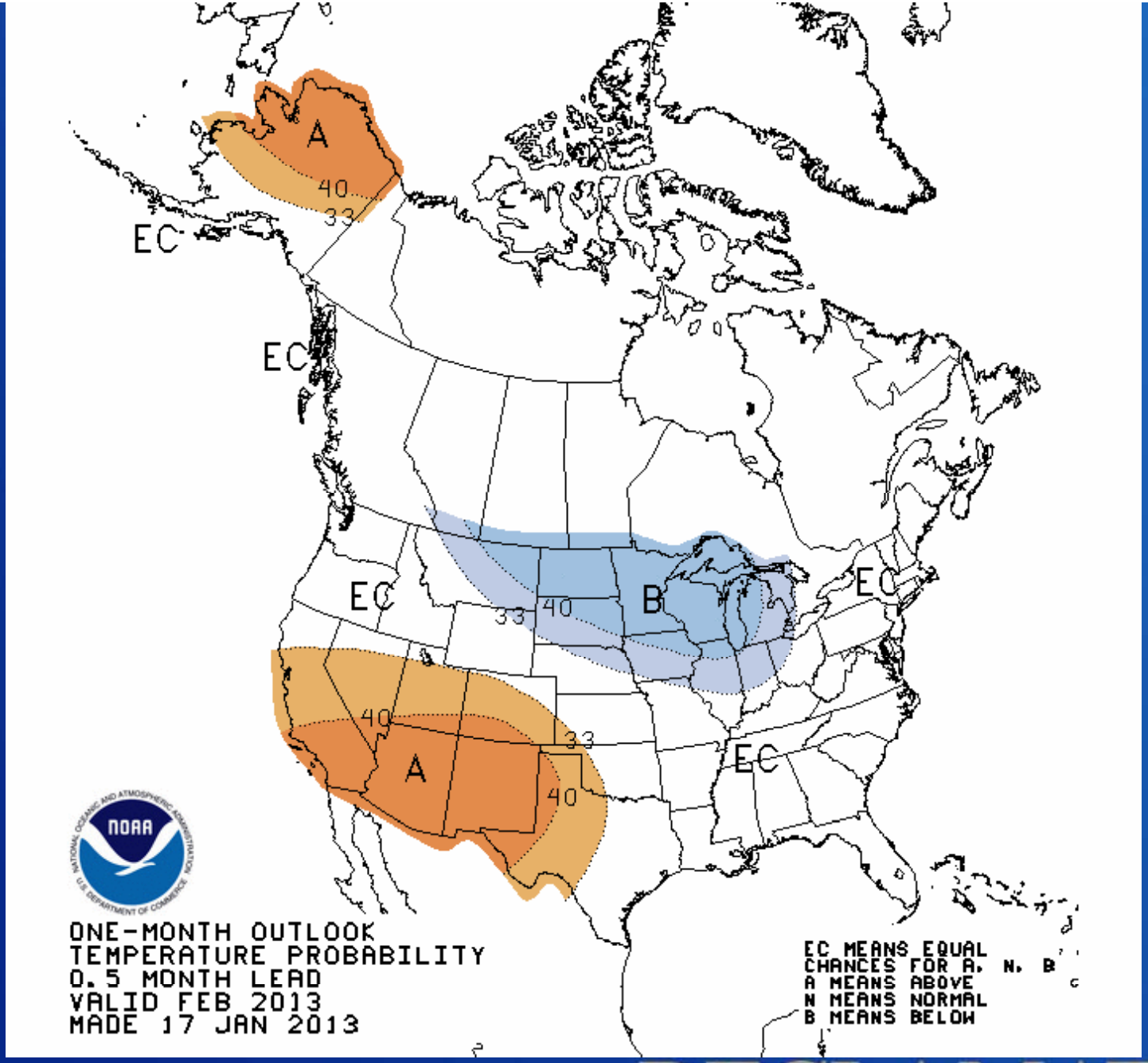

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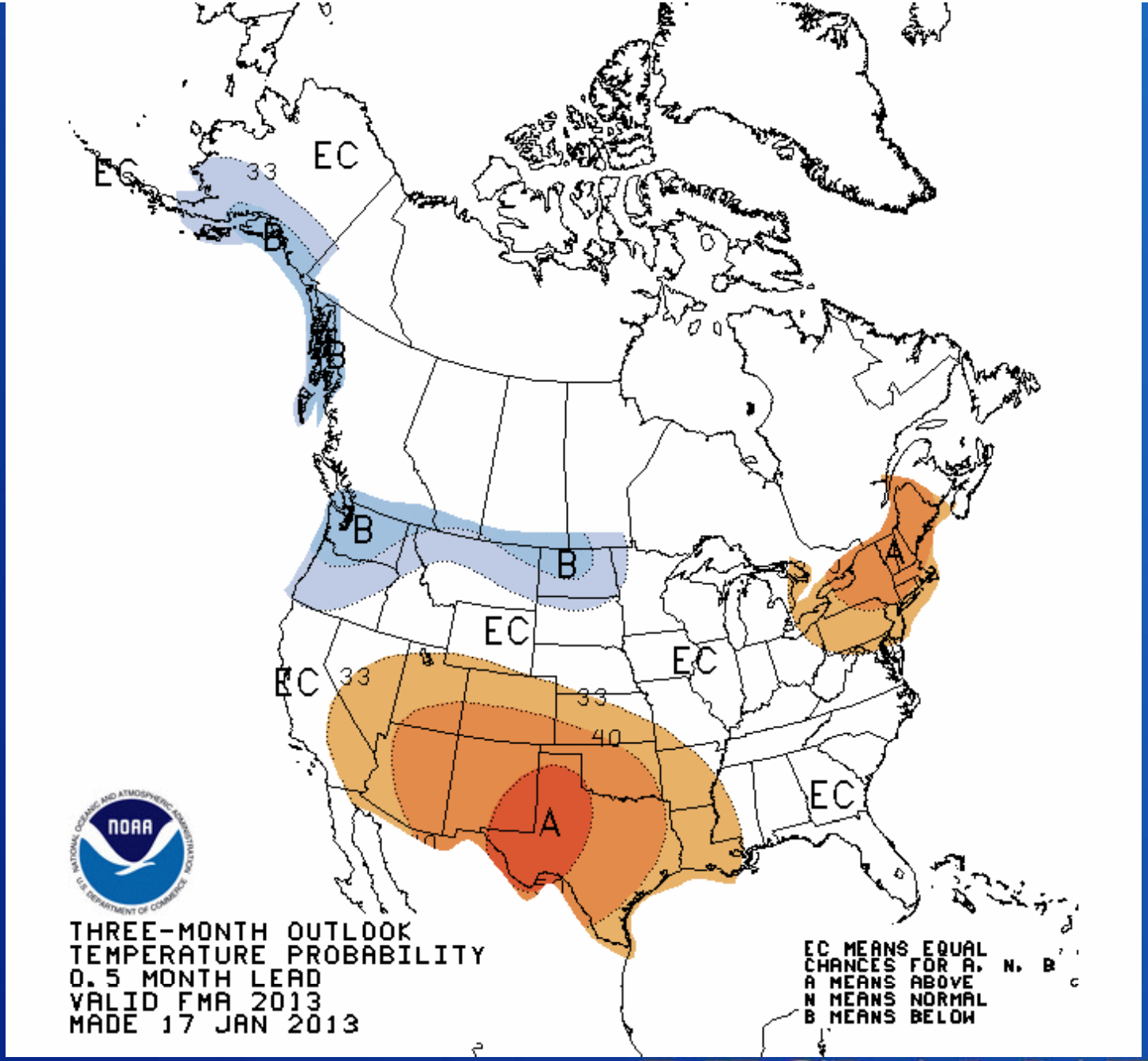

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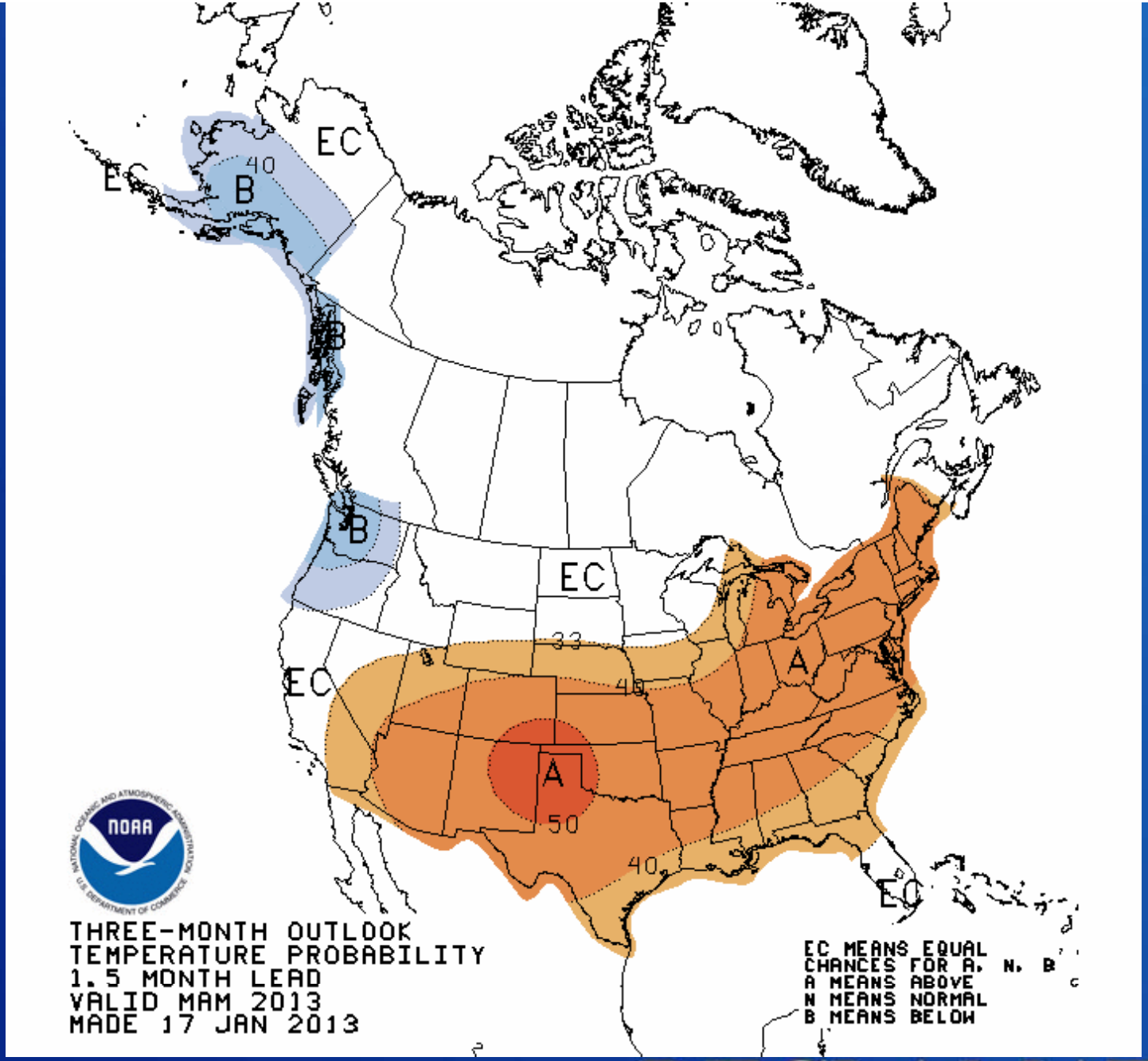

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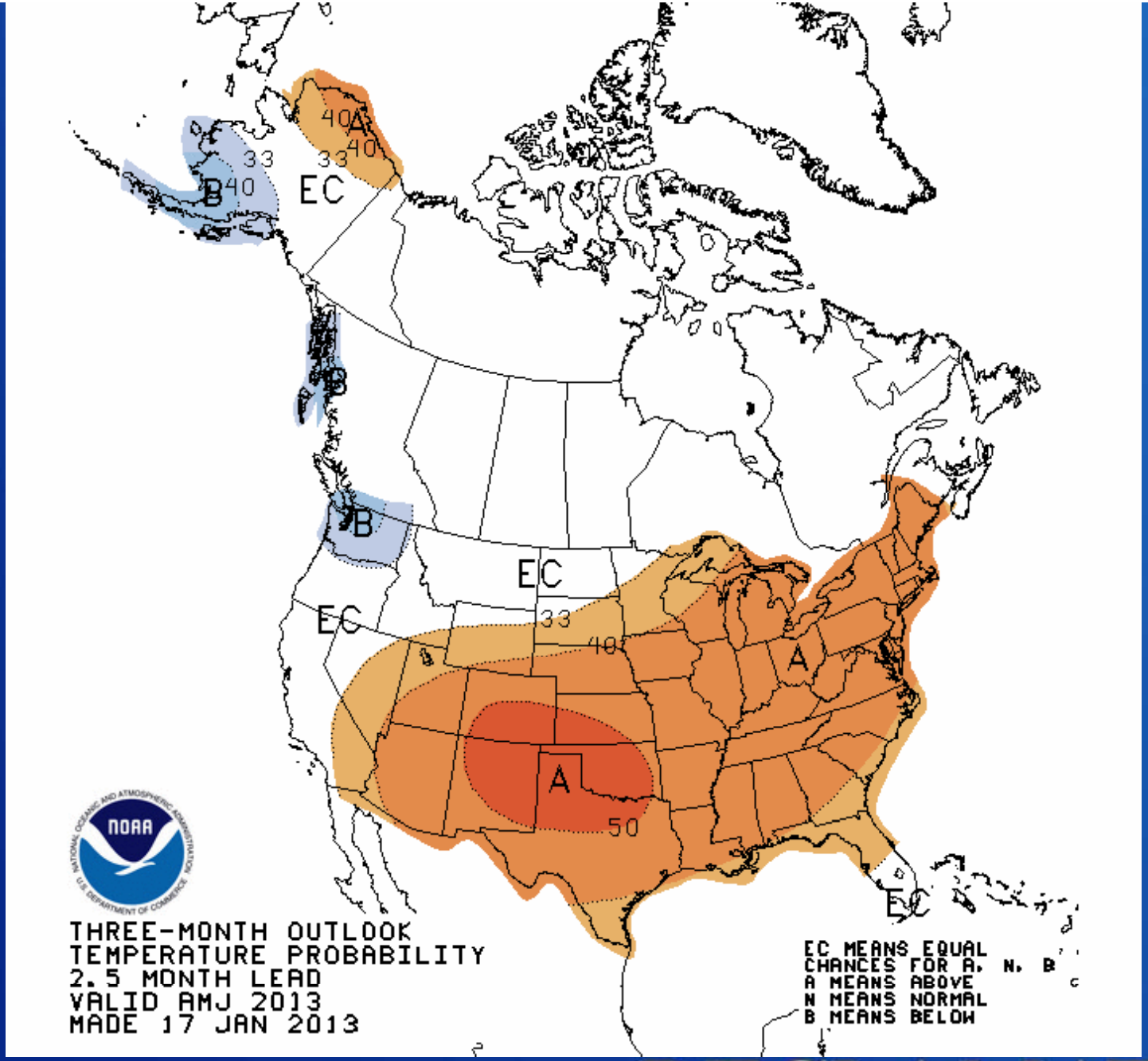

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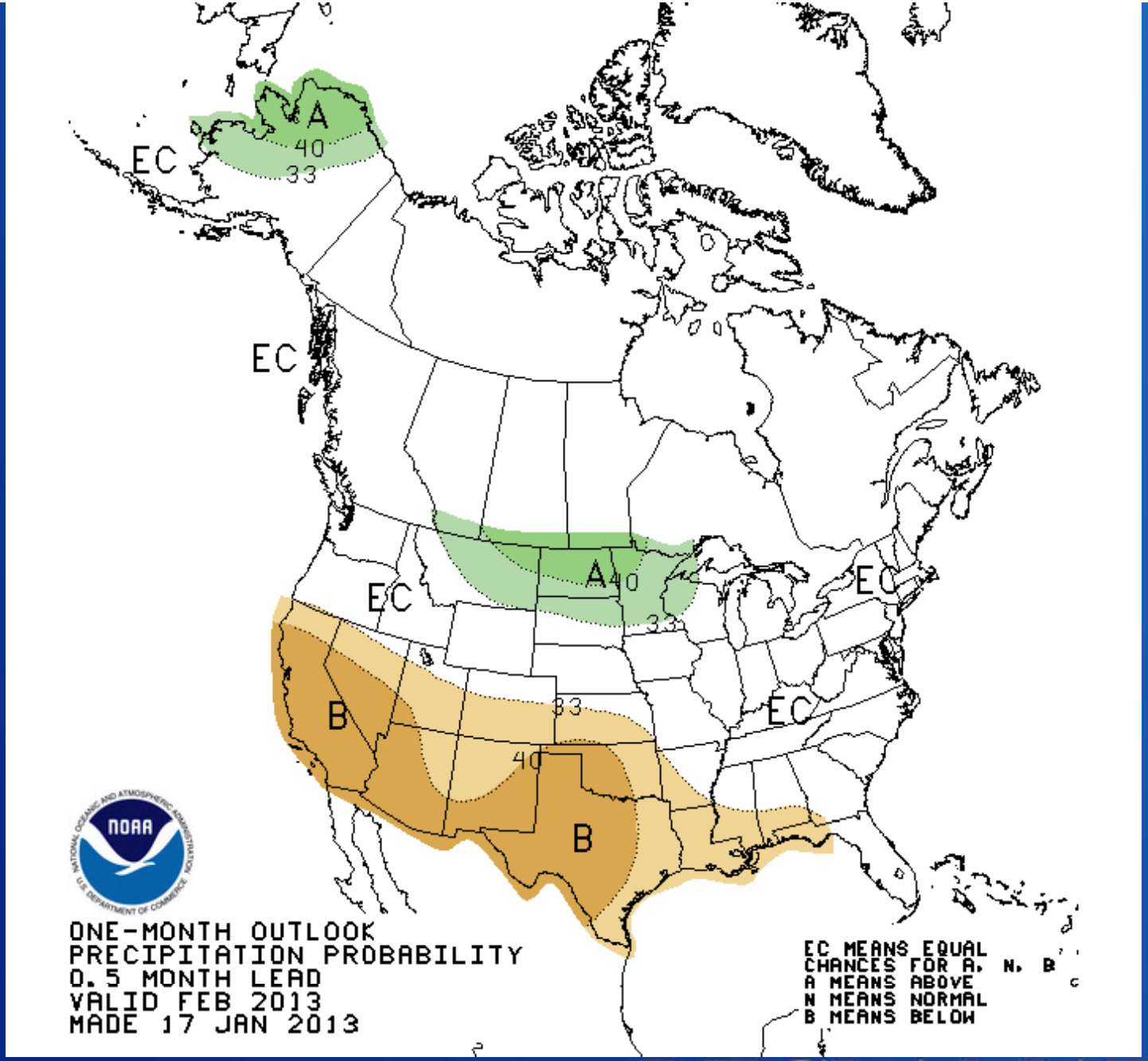

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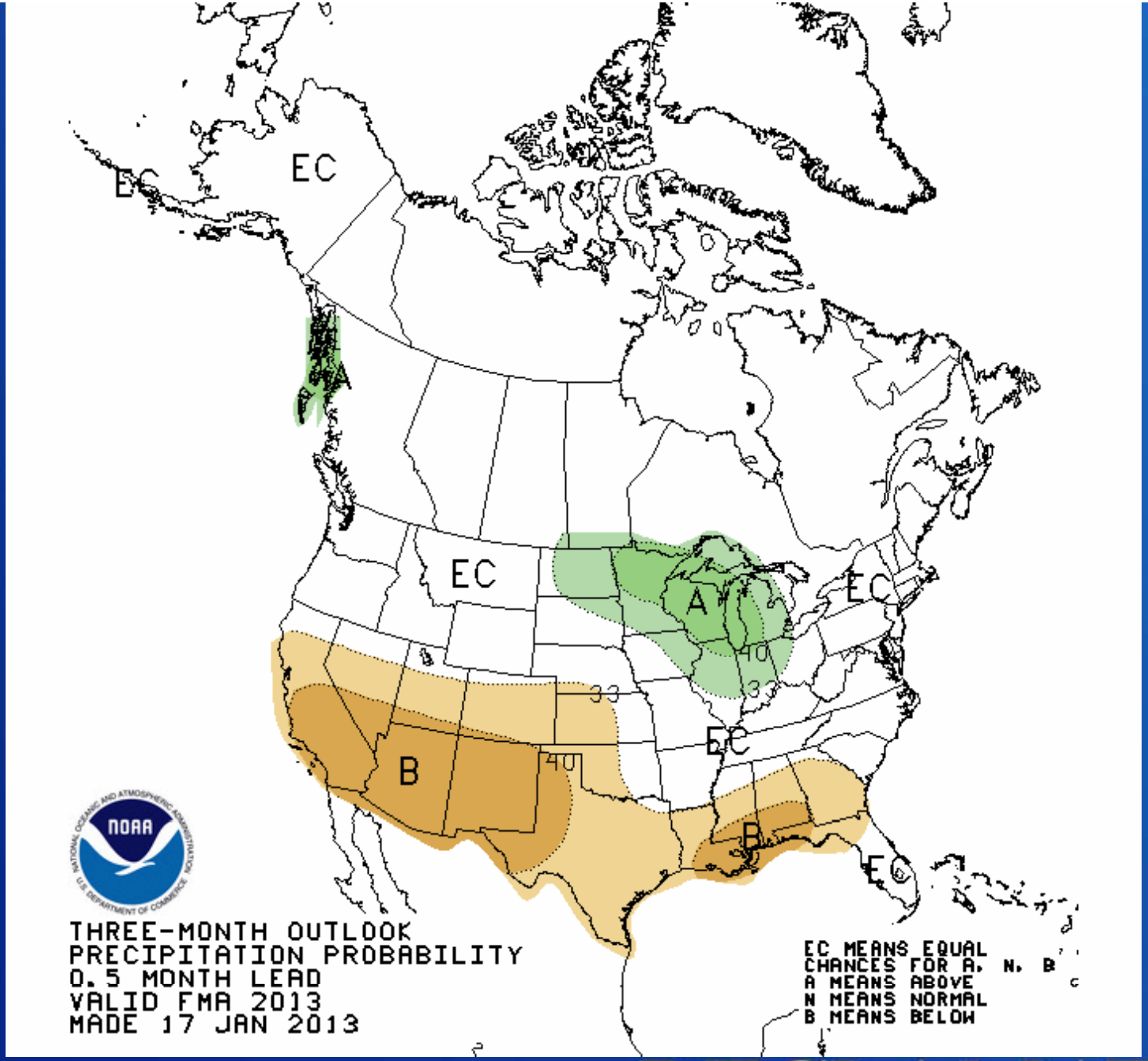

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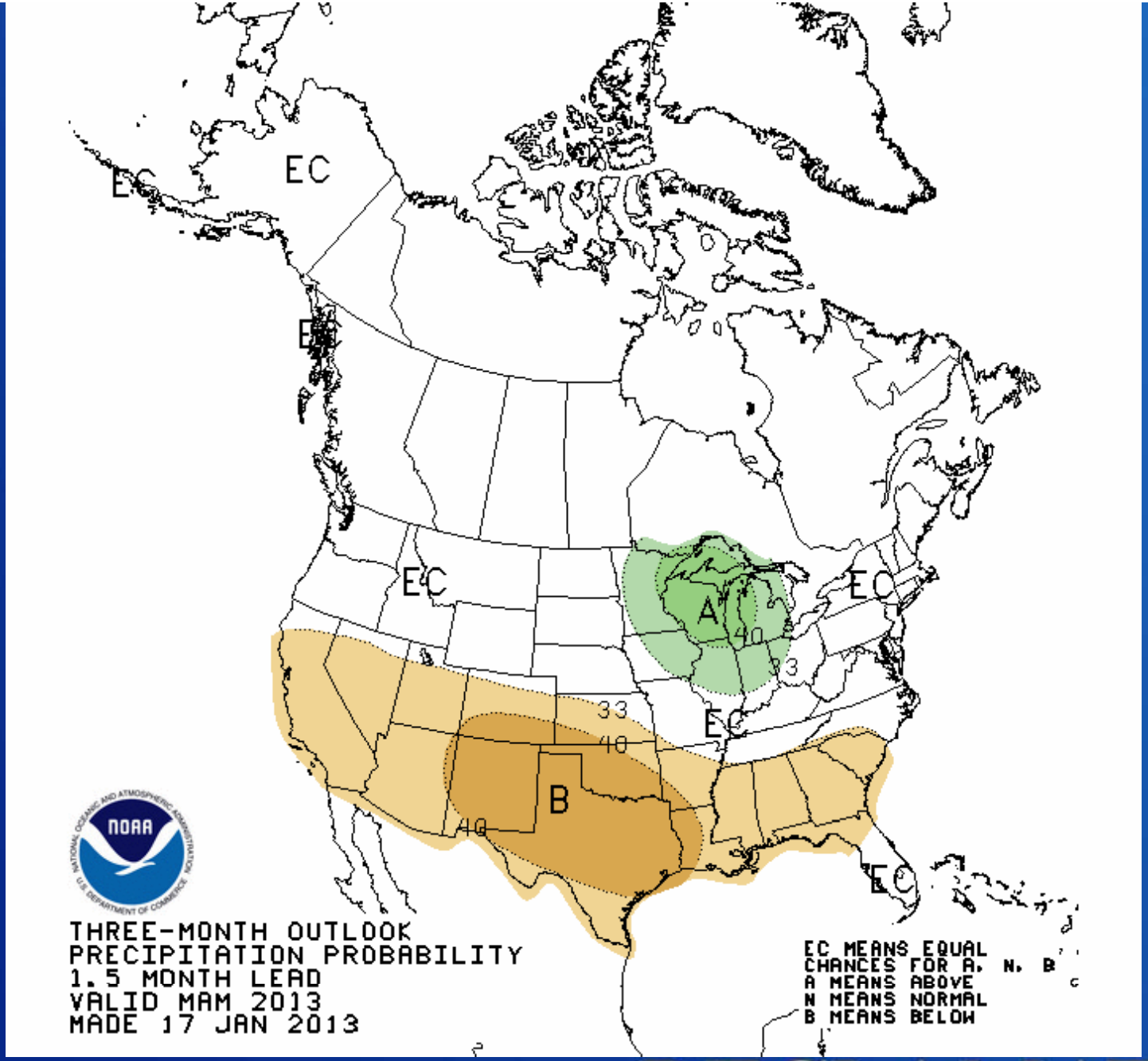

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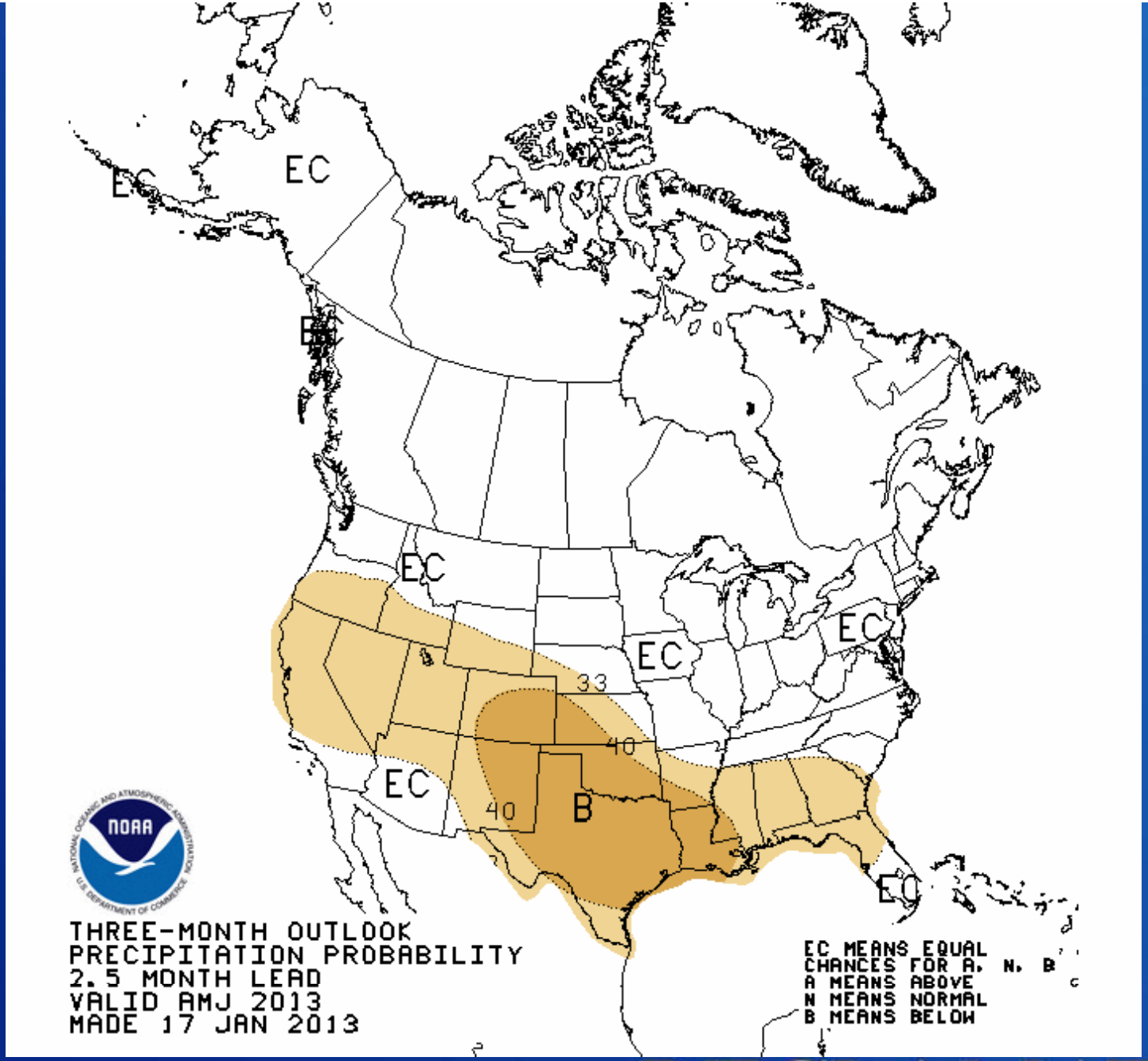


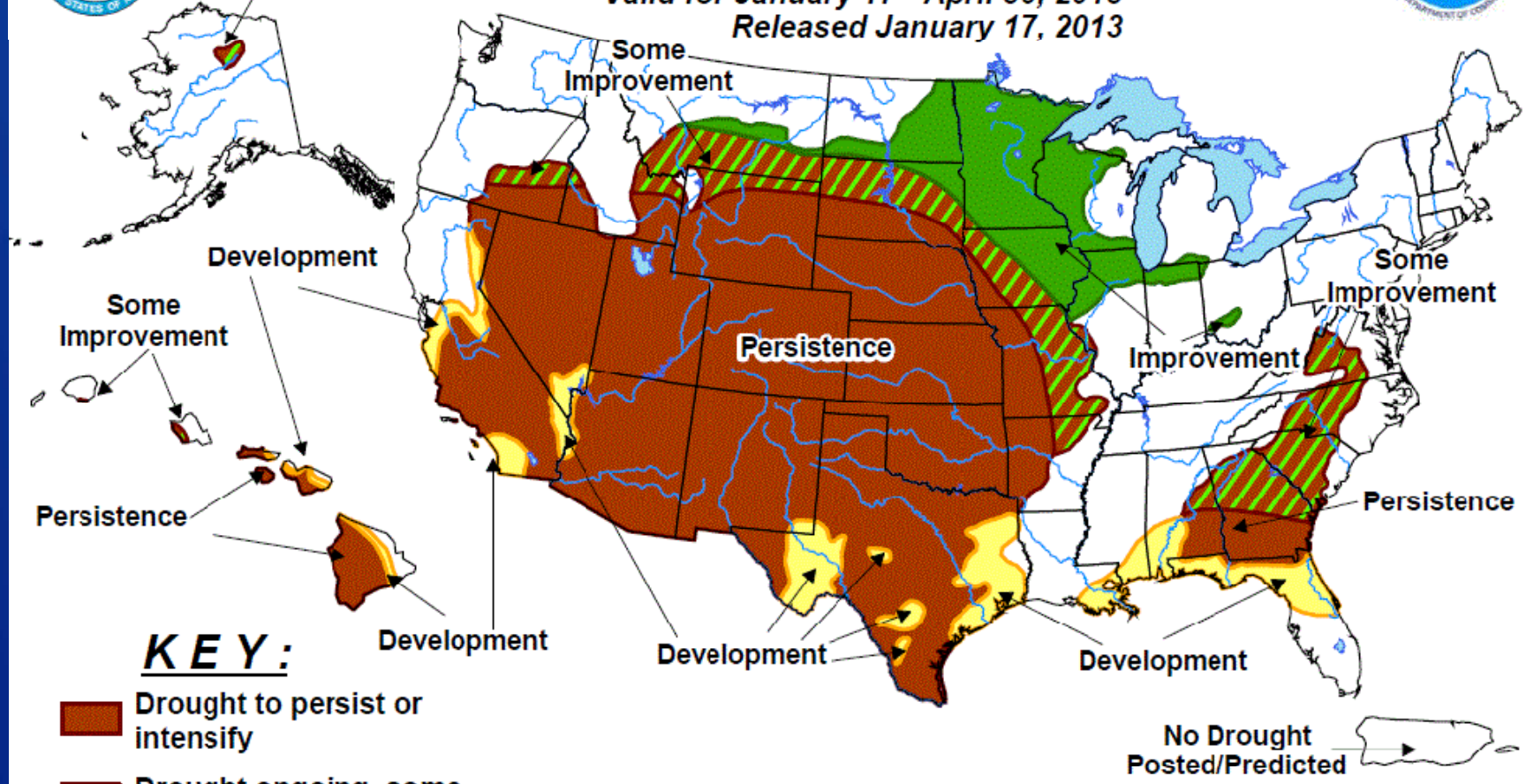
RECLAMATION

U.S. Seasonal Drought Outlook

Drought Tendency During the Valid Period

Valid for January 17 - April 30, 2013

Released January 17, 2013



KEY:

- Drought to persist or intensify
- Drought ongoing, some improvement
- Drought likely to improve, impacts ease
- Drought development likely

Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Short-term events -- such as individual storms -- cannot be accurately forecast more than a few days in advance. Use caution for applications -- such as crops -- that can be affected by such events. "Ongoing" drought areas are approximated from the Drought Monitor (D1 to D4 intensity). For weekly drought updates, see the latest U.S. Drought Monitor. NOTE: the green improvement areas imply at least a 1-category improvement in the Drought Monitor intensity levels, but do not necessarily imply drought elimination.

RECLAMATION

http://www.usbr.gov/uc/wcao/index.html

RECLAMATION