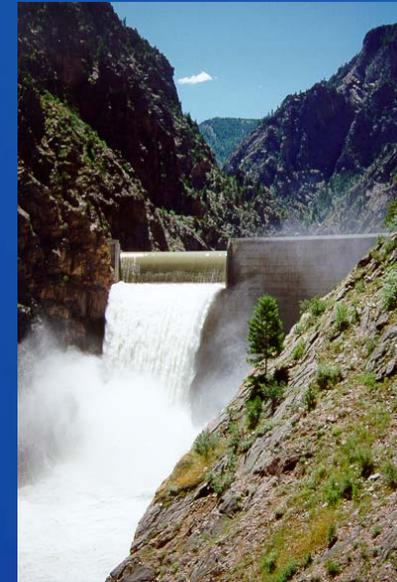
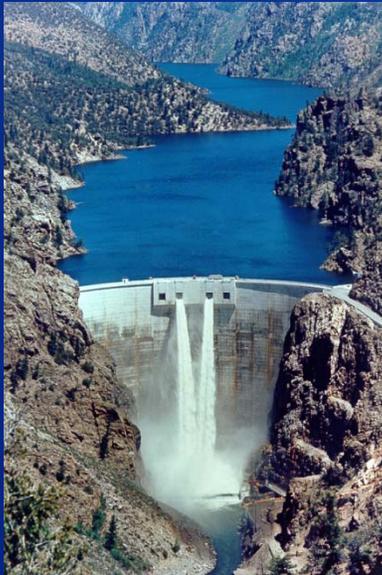


# Aspinall Operations Meeting

August 9, 2012

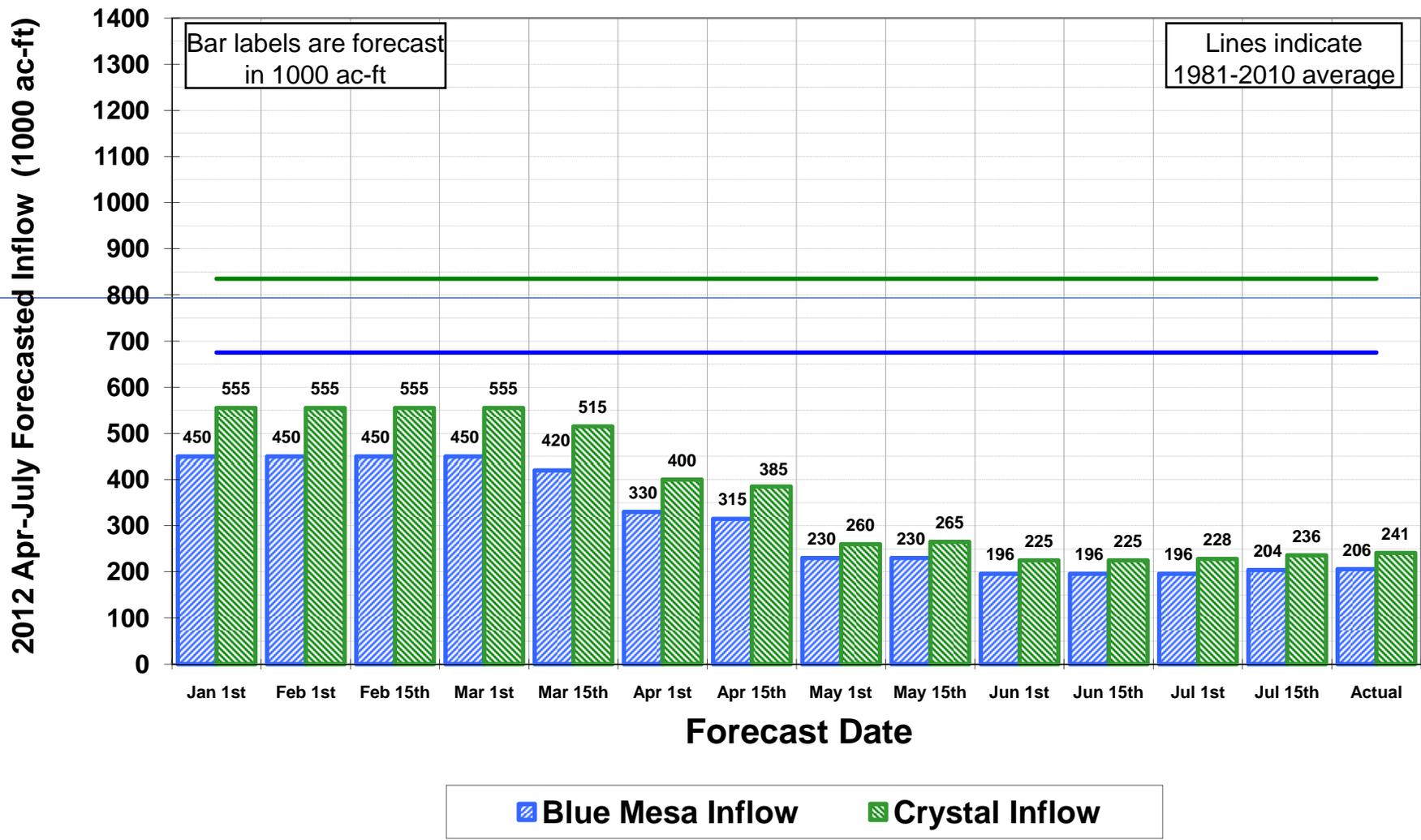


RECLAMATION

# SPRING RUNOFF

RECLAMATION

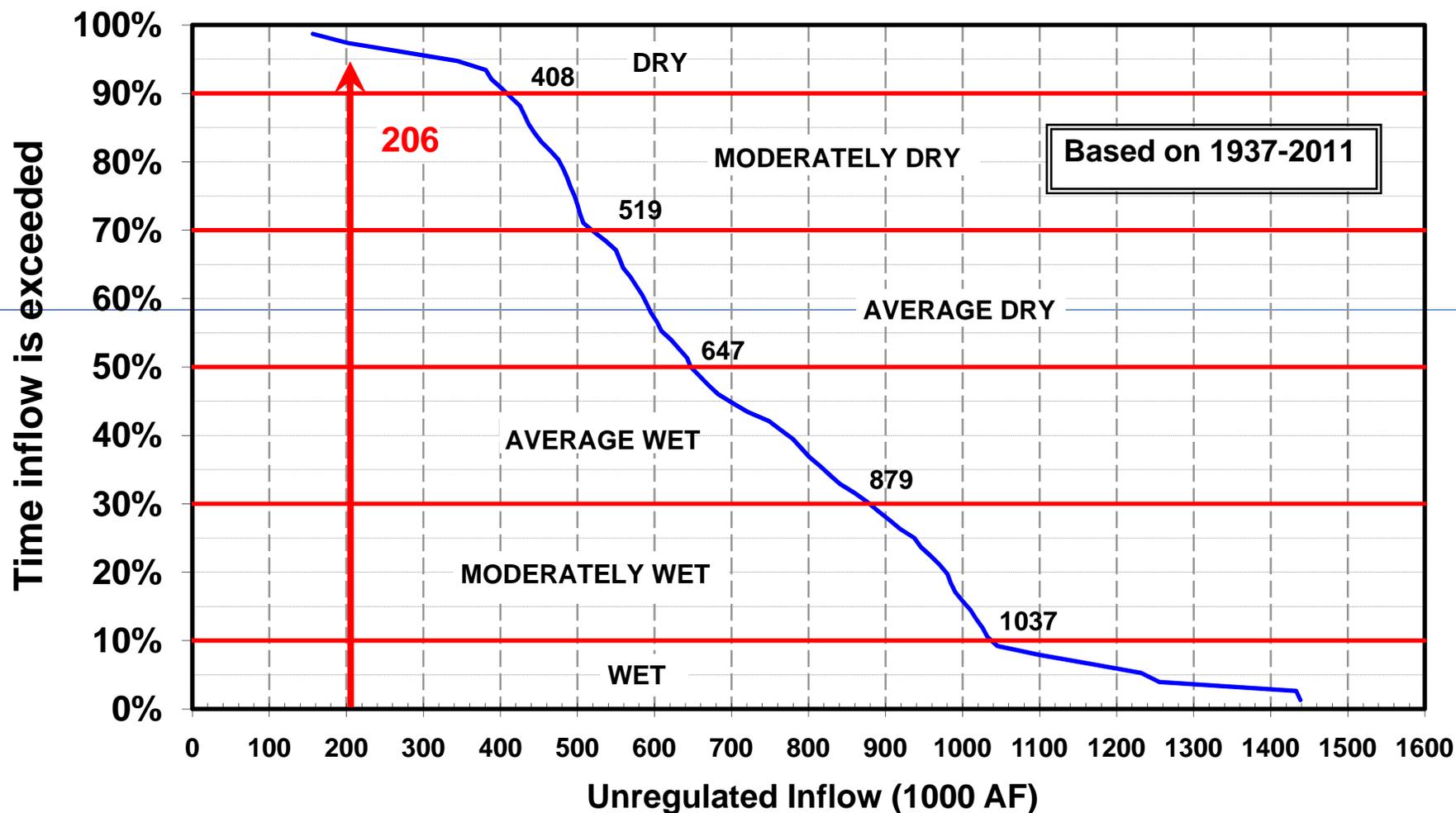
## Aspinall Unit Forecasted Unregulated Inflow



# Blue Mesa Reservoir

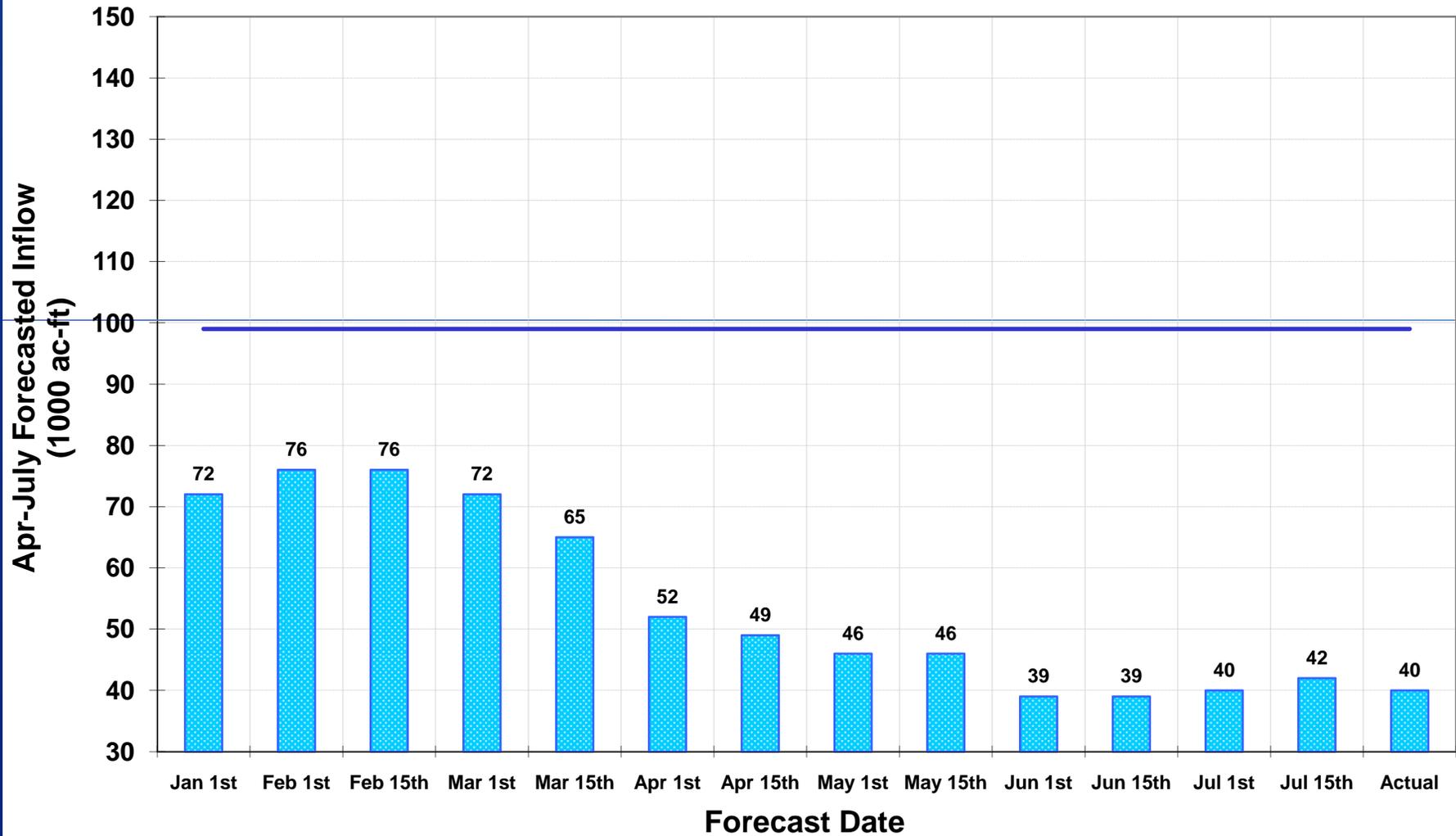
April - July Unregulated Inflow

2002 = 156 Kaf



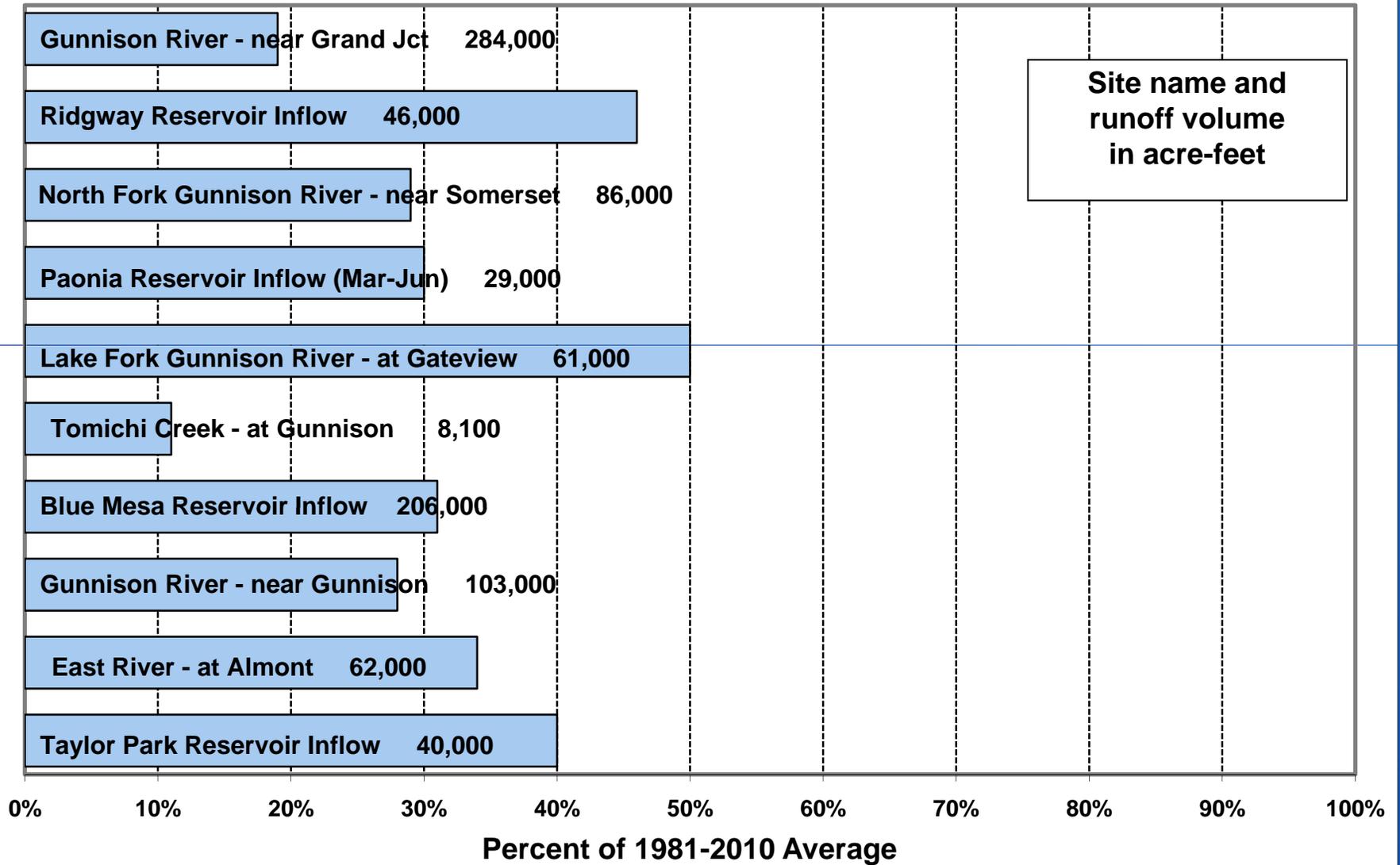
RECLAMATION

## Taylor Park Forecasted Inflow



RECLAMATION

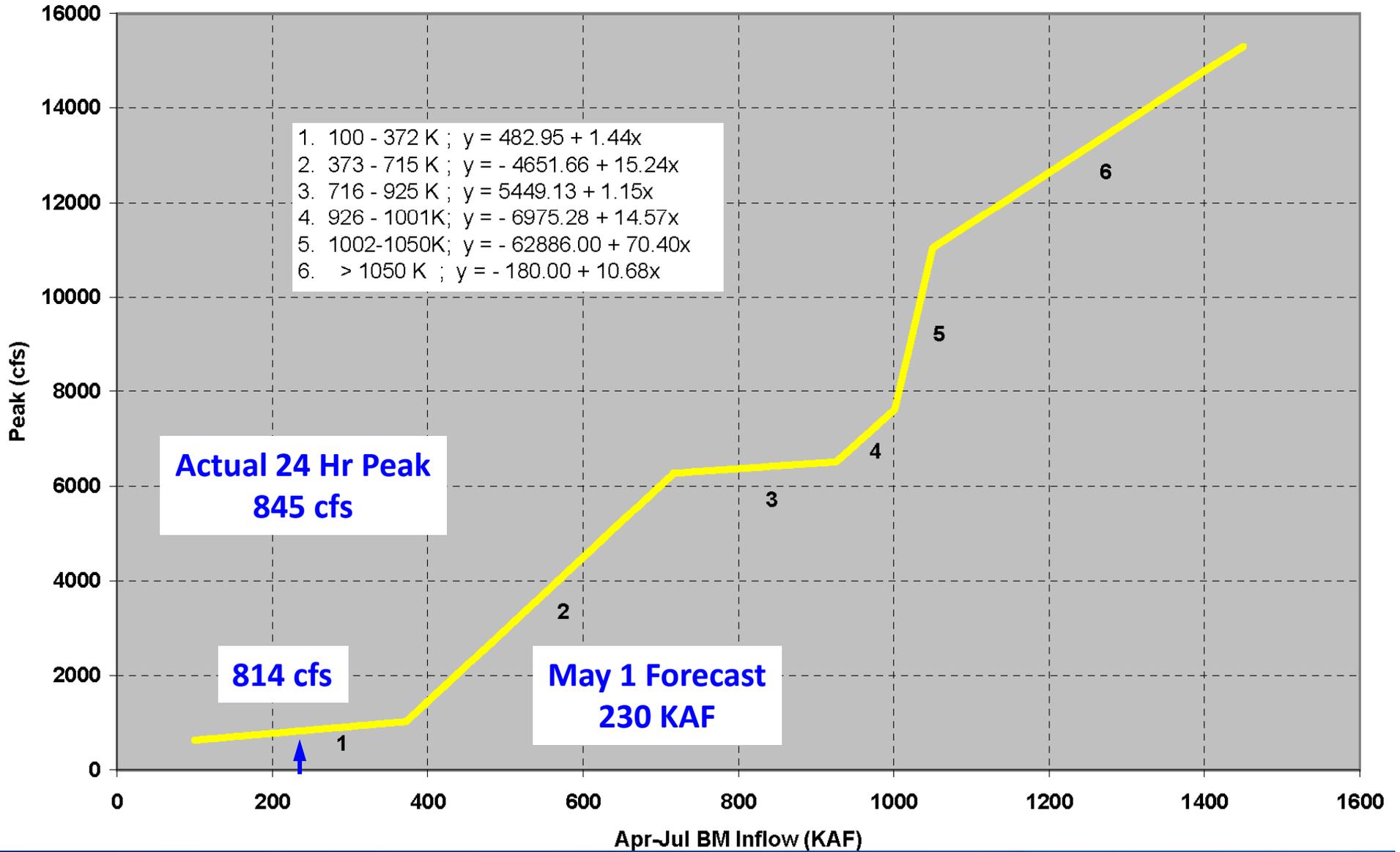
## Actual April-July Runoff



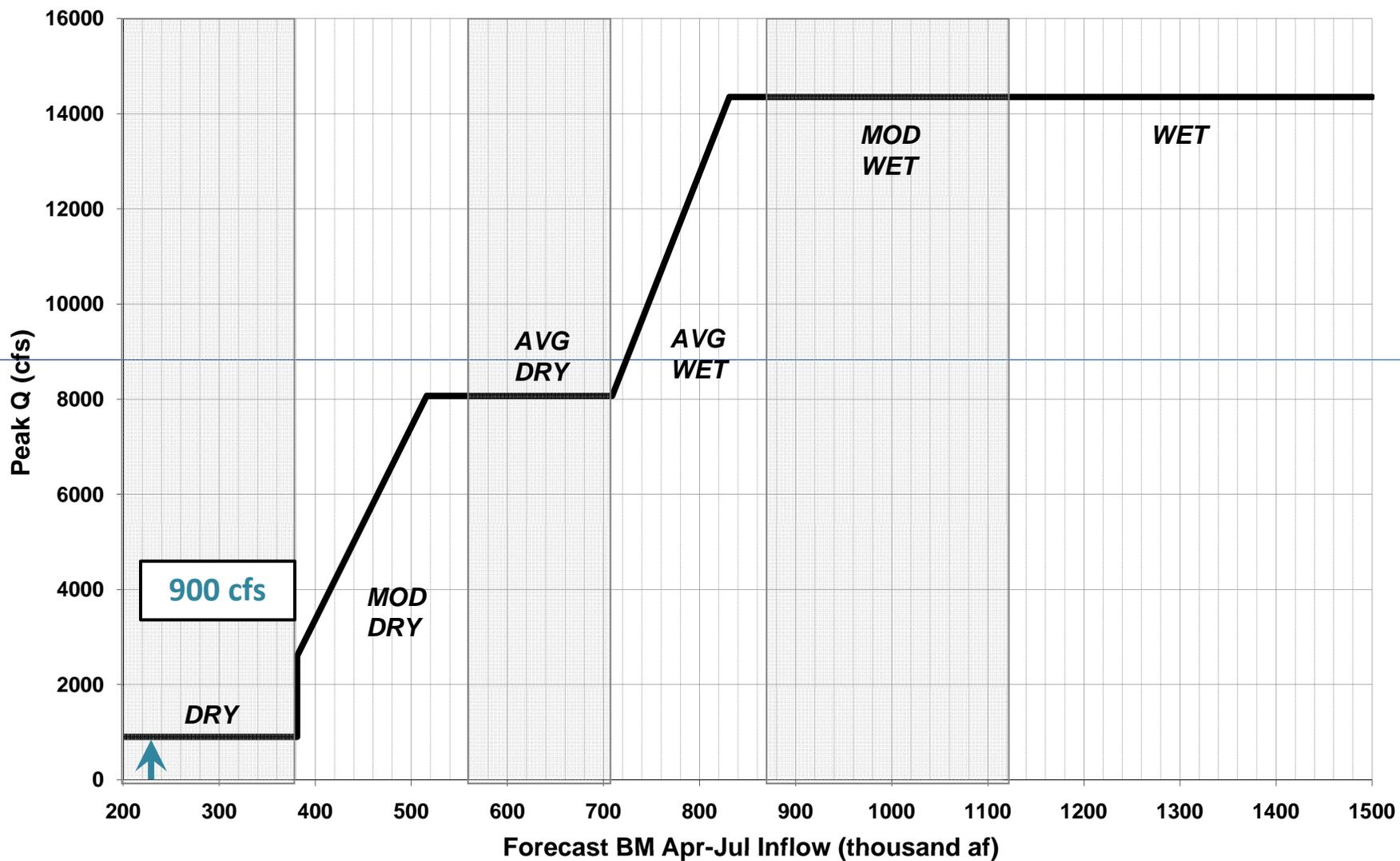
**BLACK CANYON PEAK  
AND LOWER GUNNISON RIVER TARGETS**

**RECLAMATION**

# Black Canyon Peak Flow Determination based on Blue Mesa May 1 forecast



# Peak Flow Target at Whitewater



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

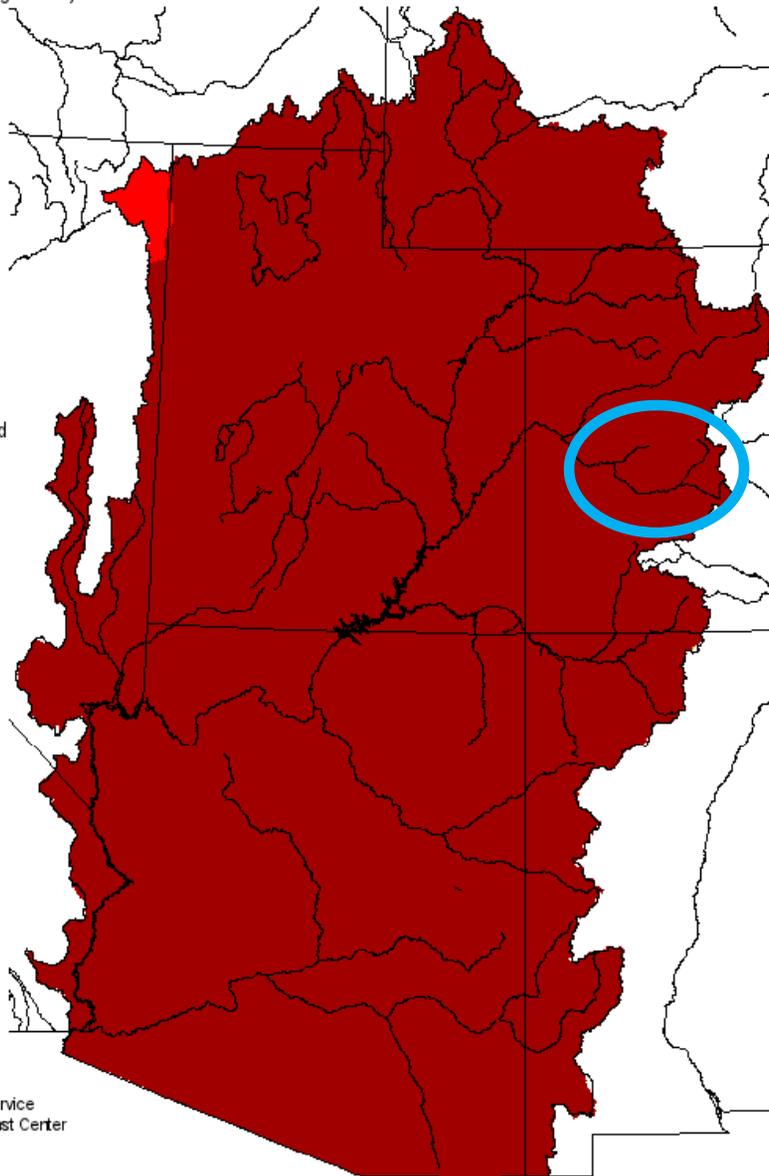
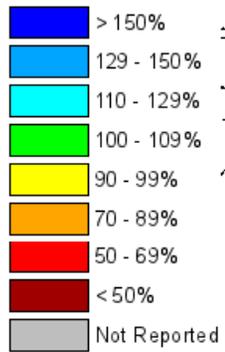
SPRING/SUMMER CONDITIONS

RECLAMATION

# Monthly Precipitation for June 2002

(Averaged by Hydrologic Unit)

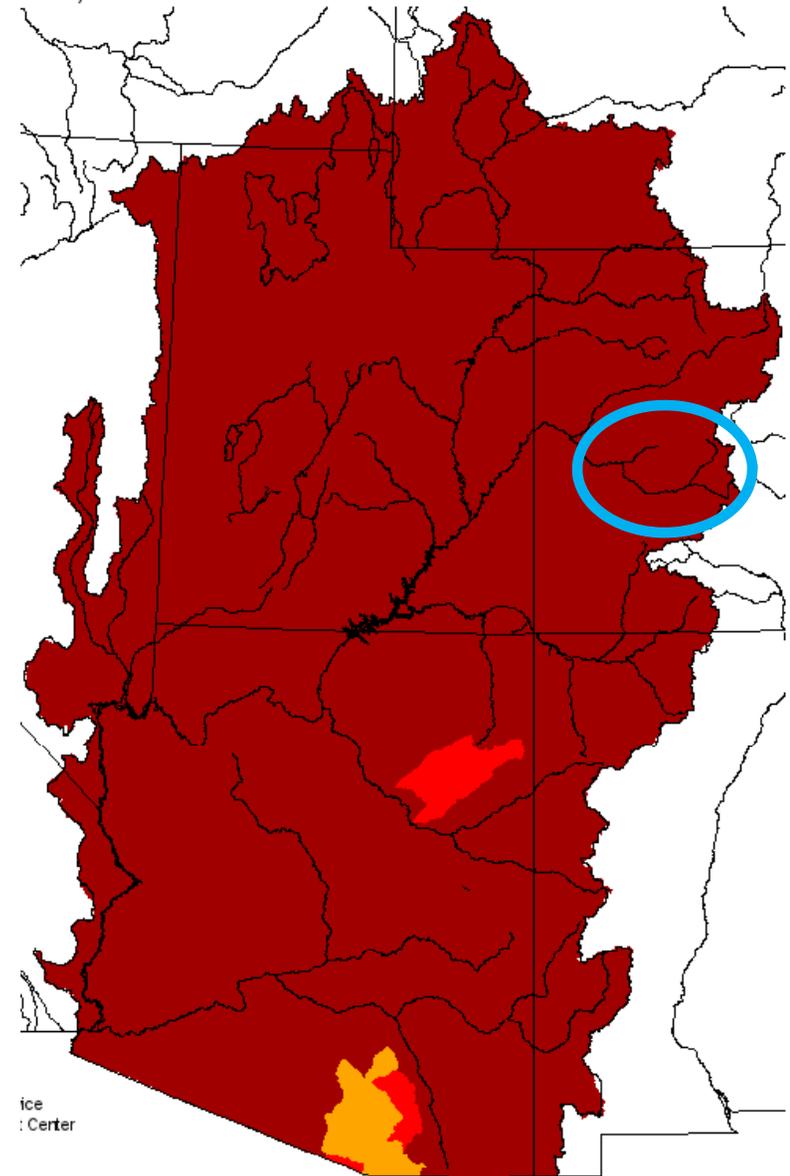
## % Average



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

# June 2012

(Averaged by Hydrologic Unit)



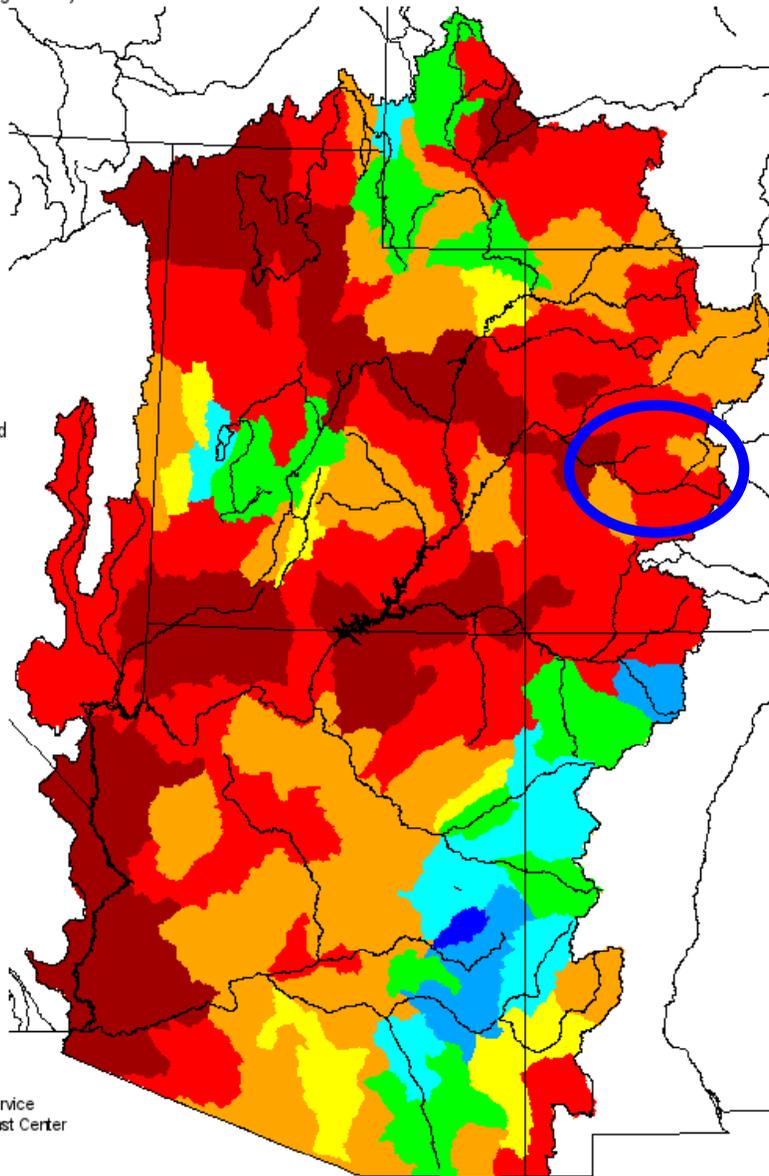
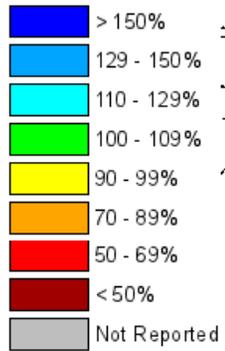
Prepared by  
NOAA, National Weather Service  
Colorado Basin River Forecast Center  
Salt Lake City, Utah  
[www.cbrfc.noaa.gov](http://www.cbrfc.noaa.gov)

# RECLAMATION

# Monthly Precipitation for July 2002

(Averaged by Hydrologic Unit)

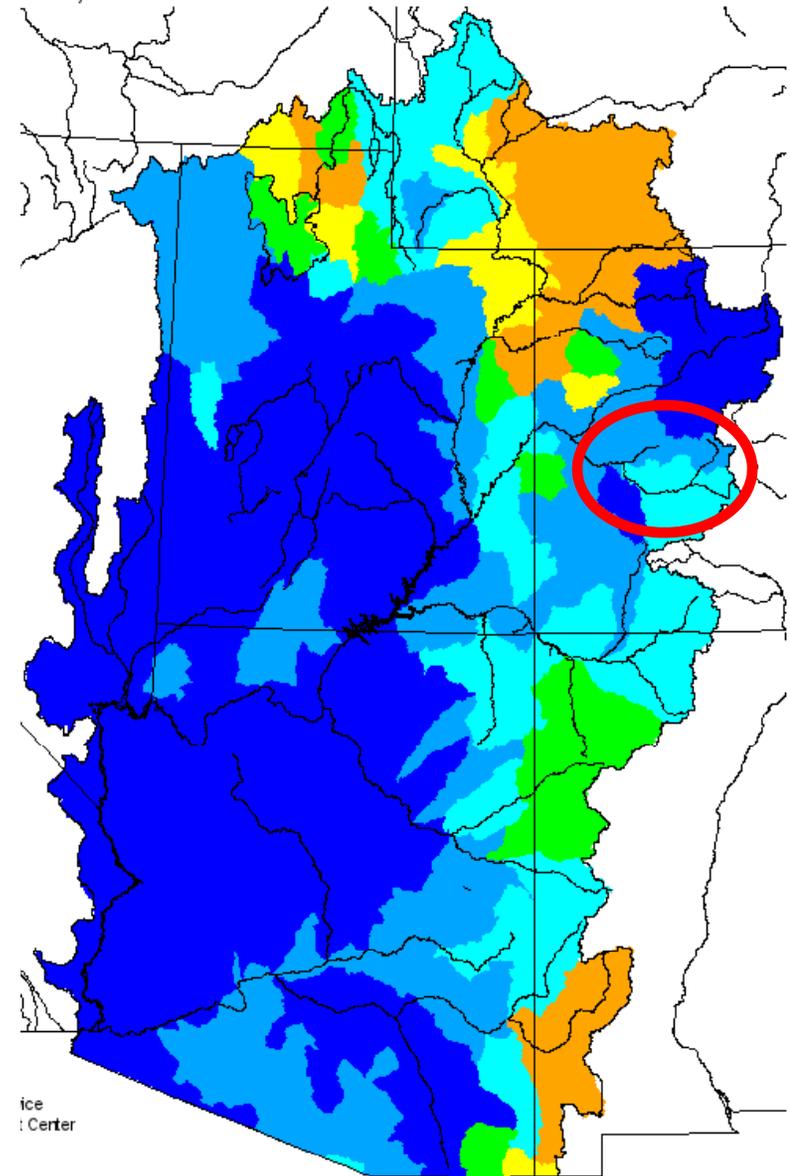
## % Average



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

# July 2012

(Averaged by Hydrologic Unit)



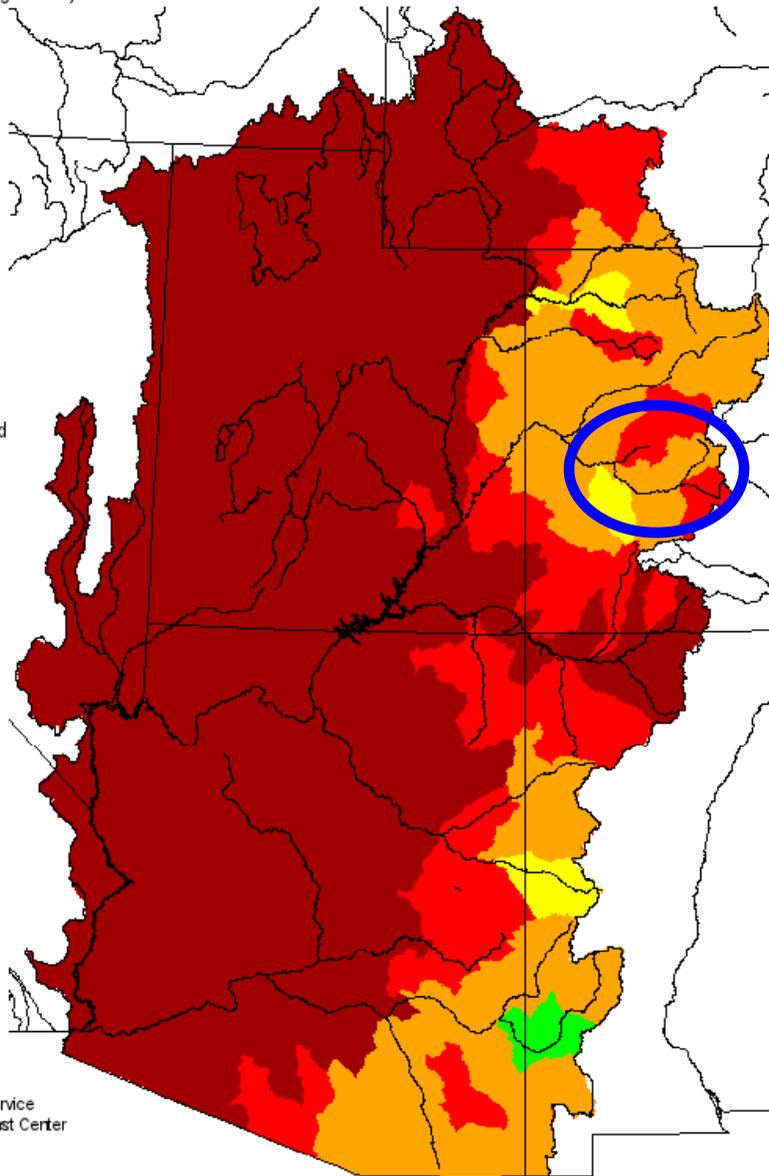
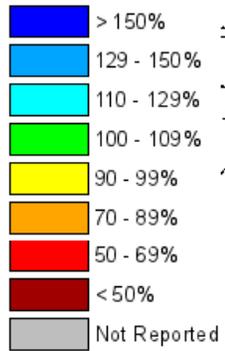
Prepared by  
NOAA, National Weather Service  
Colorado Basin River Forecast Center  
Salt Lake City, Utah  
[www.cbrfc.noaa.gov](http://www.cbrfc.noaa.gov)

# RECLAMATION

# Monthly Precipitation for August 2002

(Averaged by Hydrologic Unit)

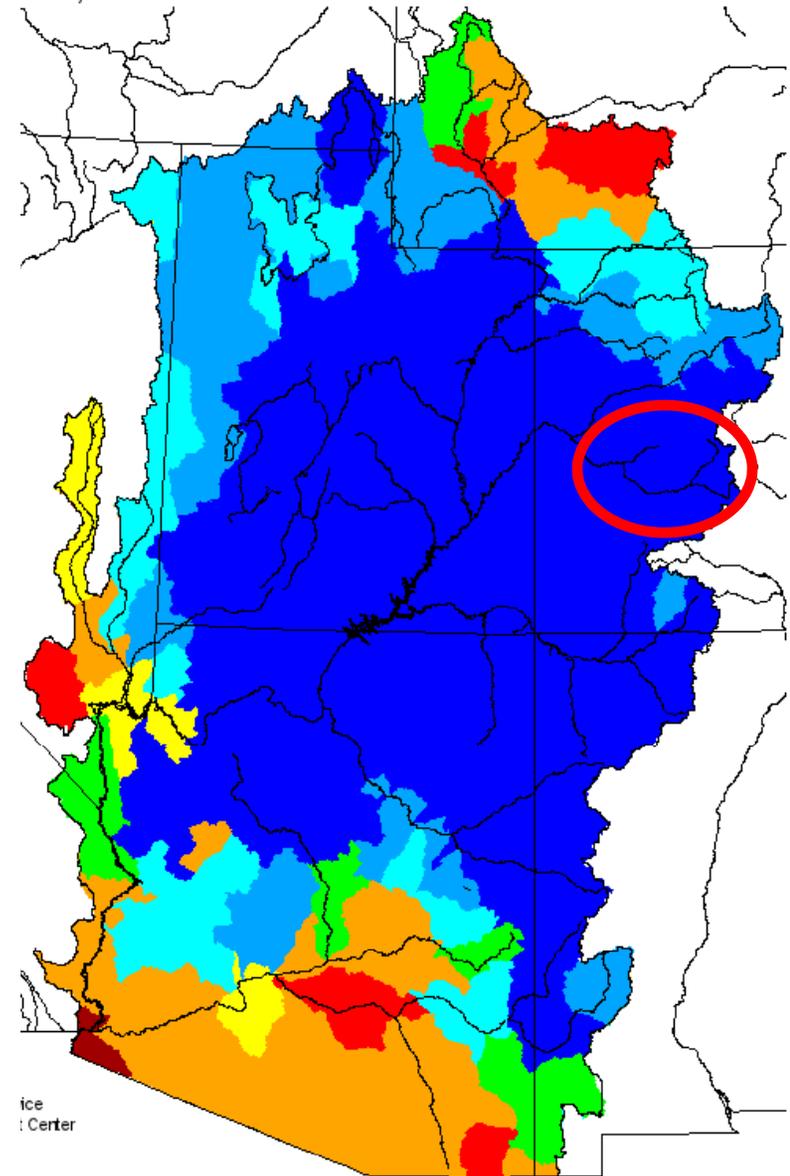
## % Average



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

# September 2002

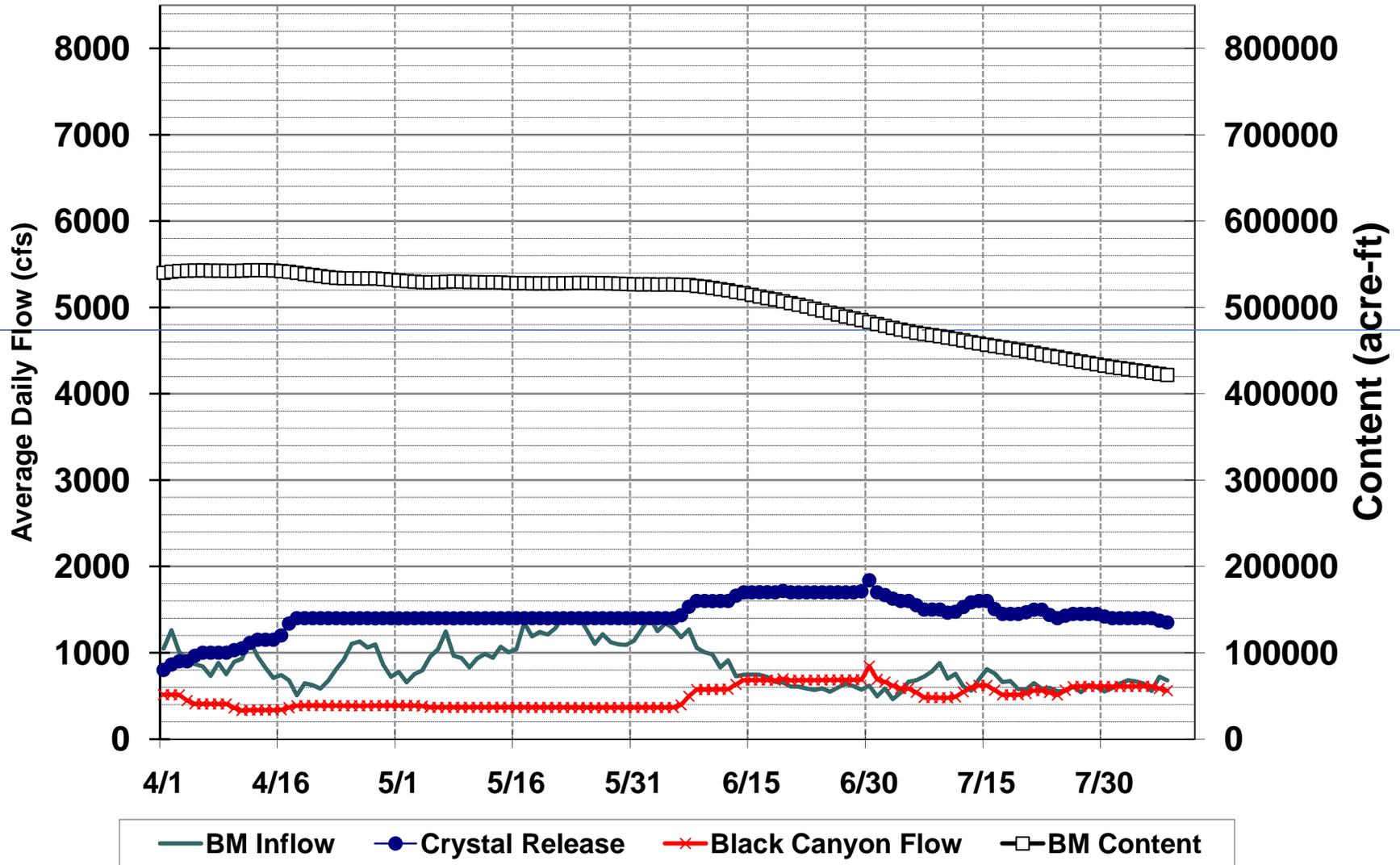
(Averaged by Hydrologic Unit)



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

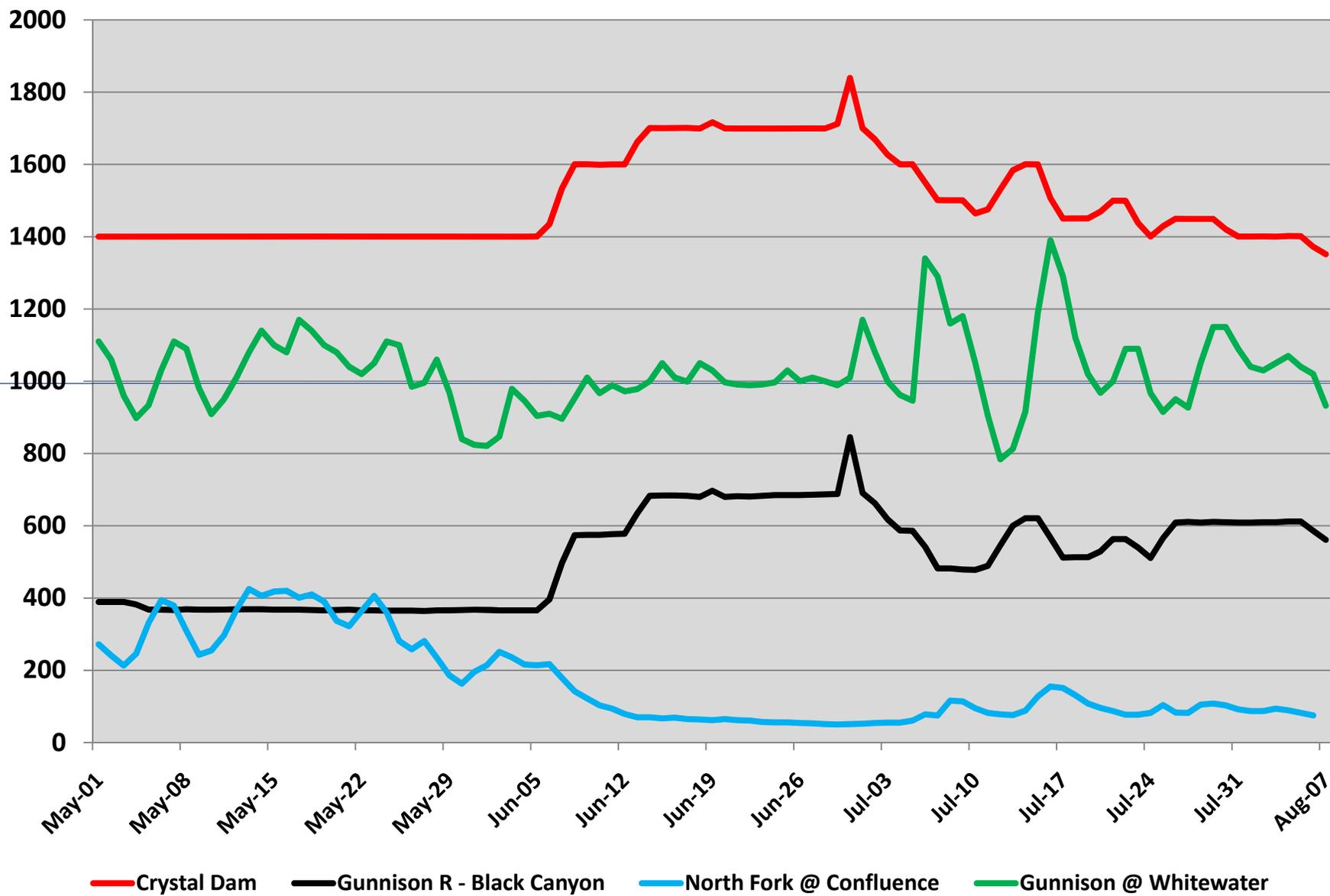
# RECLAMATION

# April - August

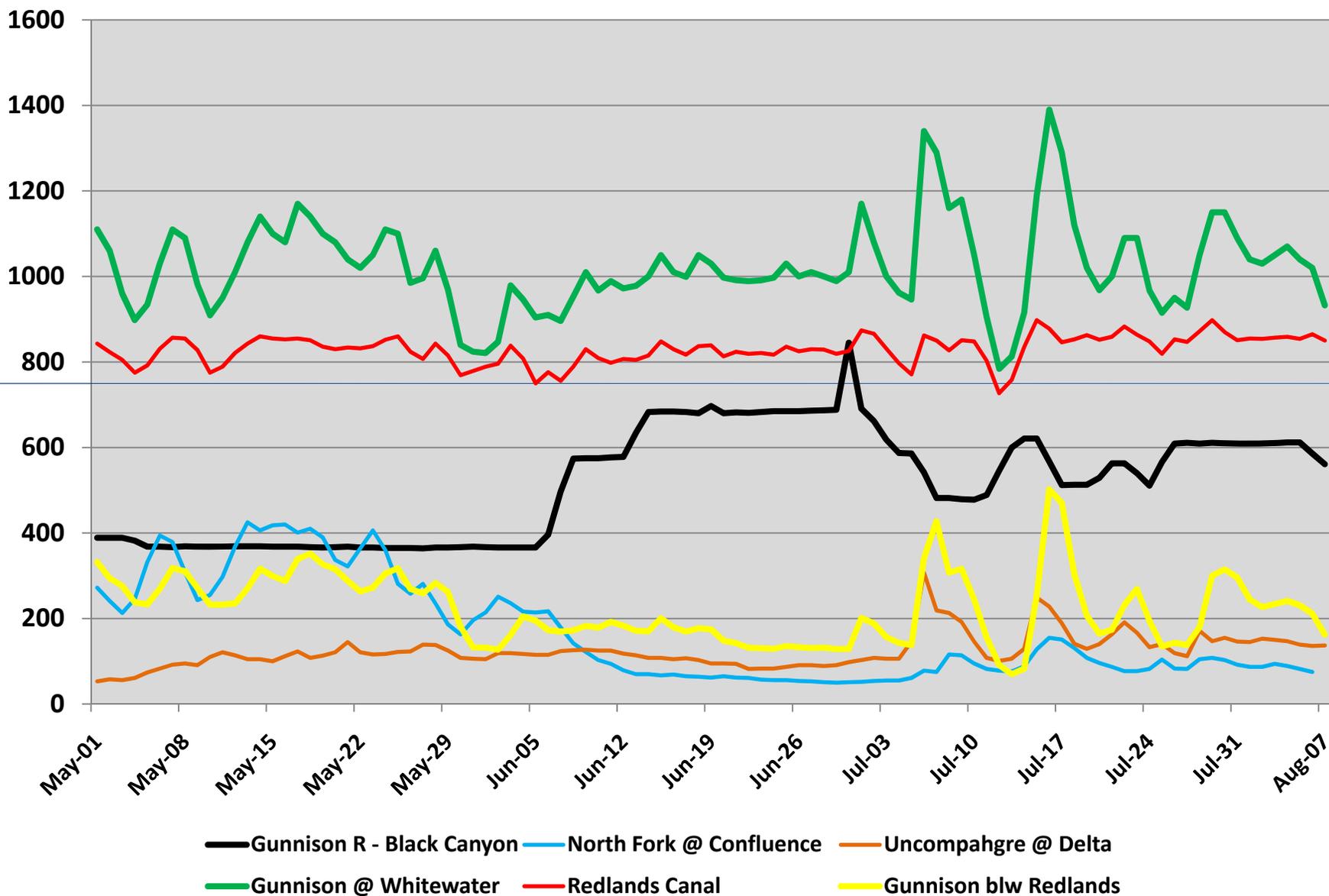


RECLAMATION

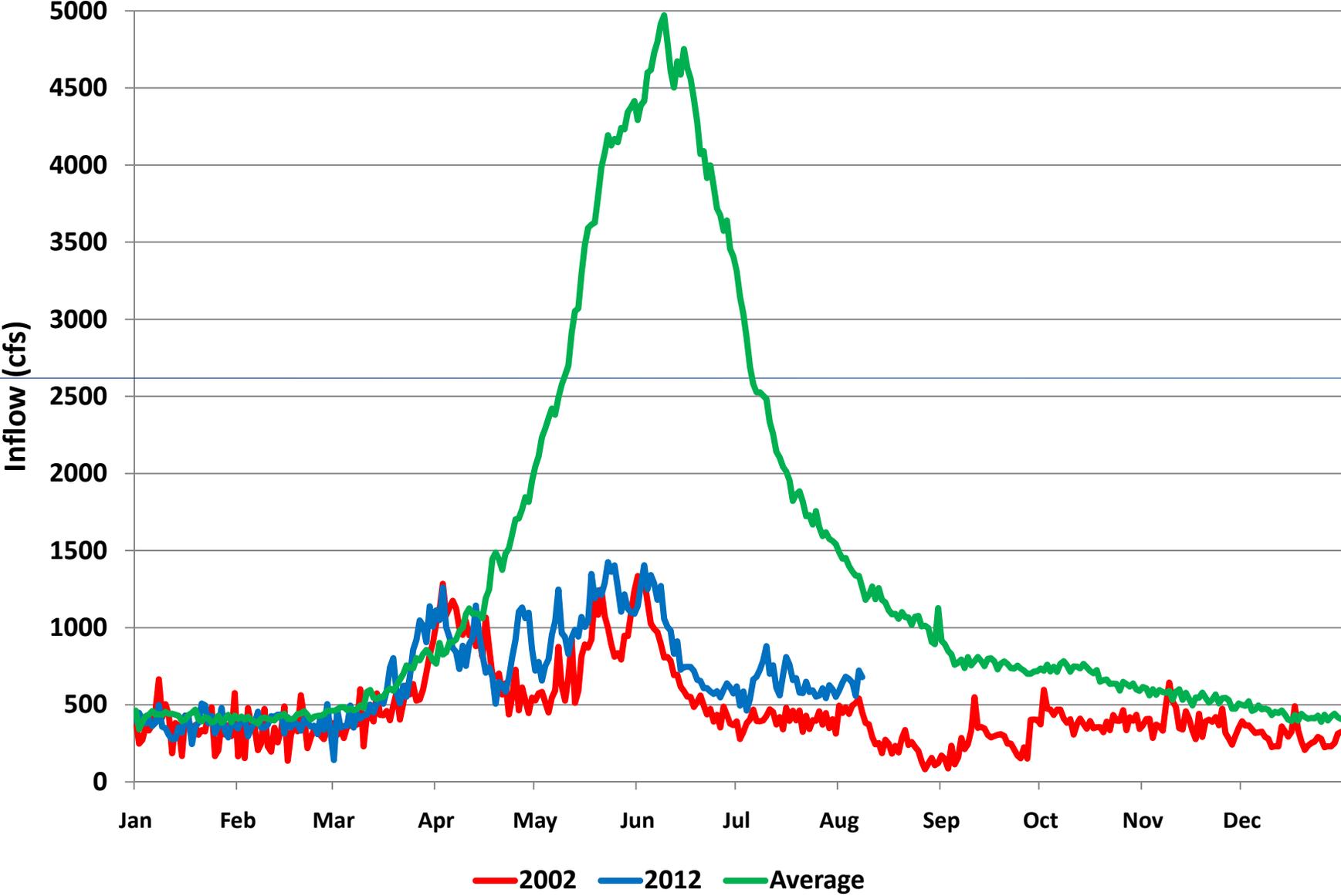
# Gunnison River Flows



# Gunnison River Flows

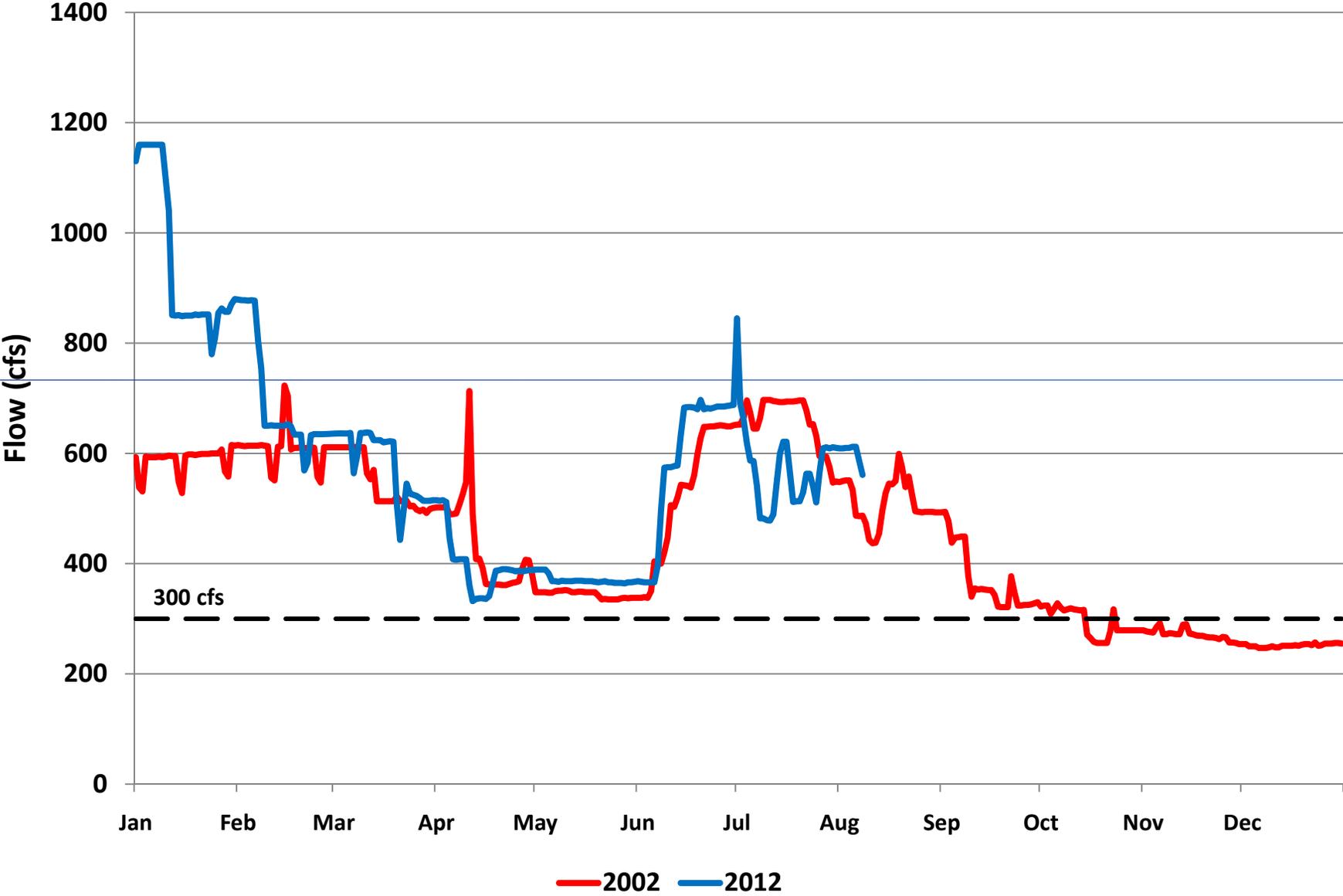


# Blue Mesa Inflows

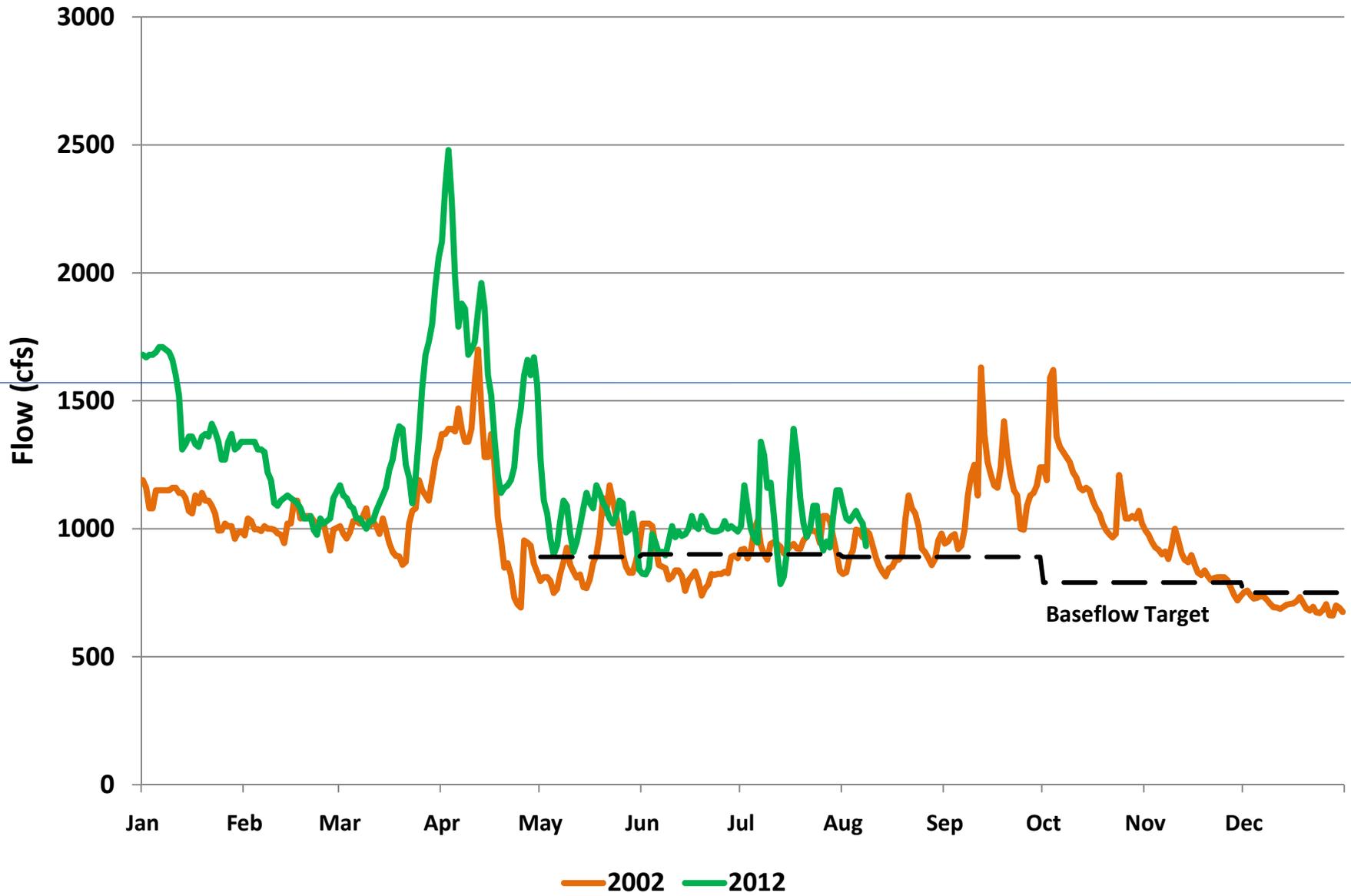


RECLAMATION

# Gunnison River - Black Canyon



# Gunnison River @ Whitewater

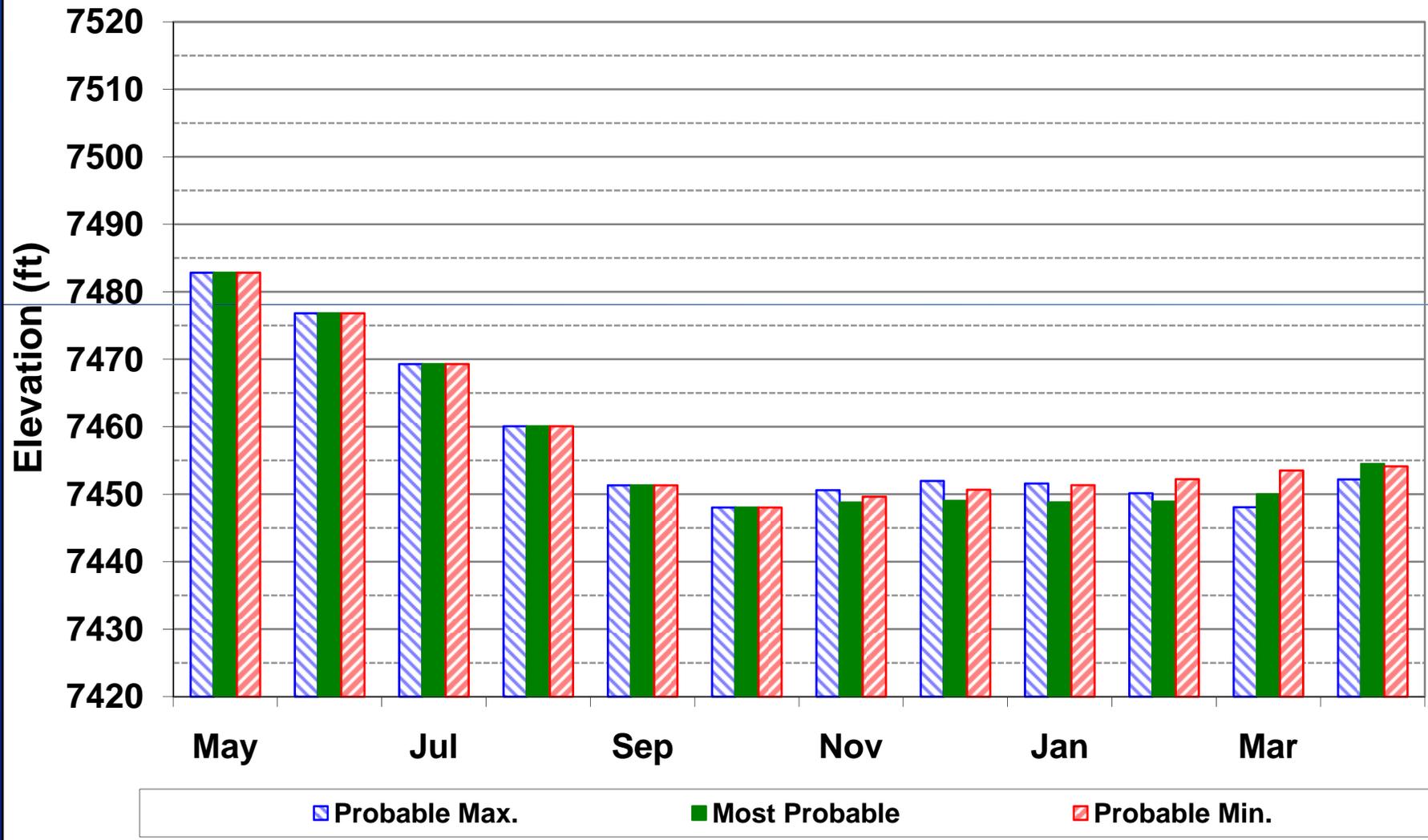


RECLAMATION

# 24 MONTH STUDY

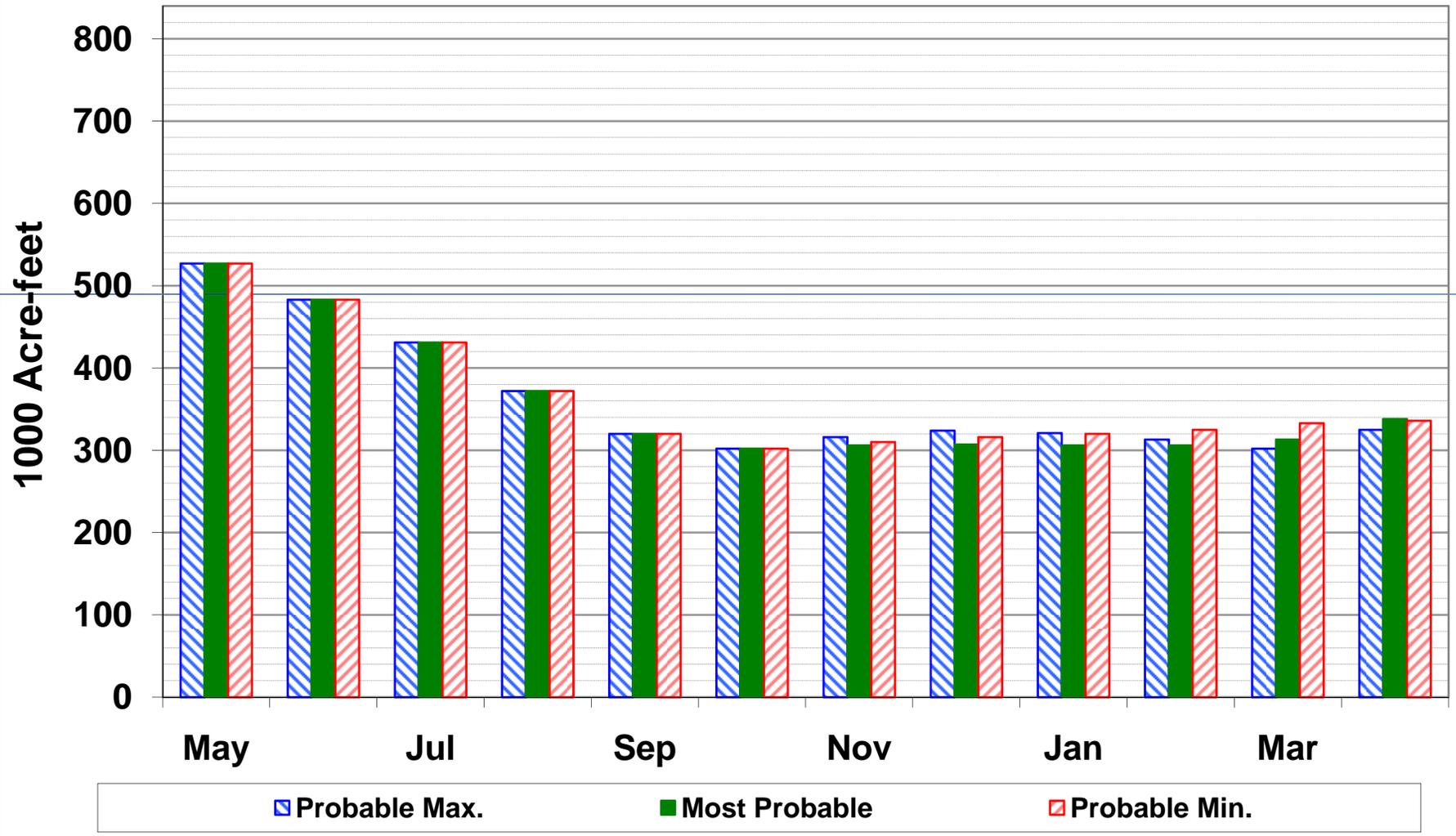
RECLAMATION

# Blue Mesa Elevation End of Month

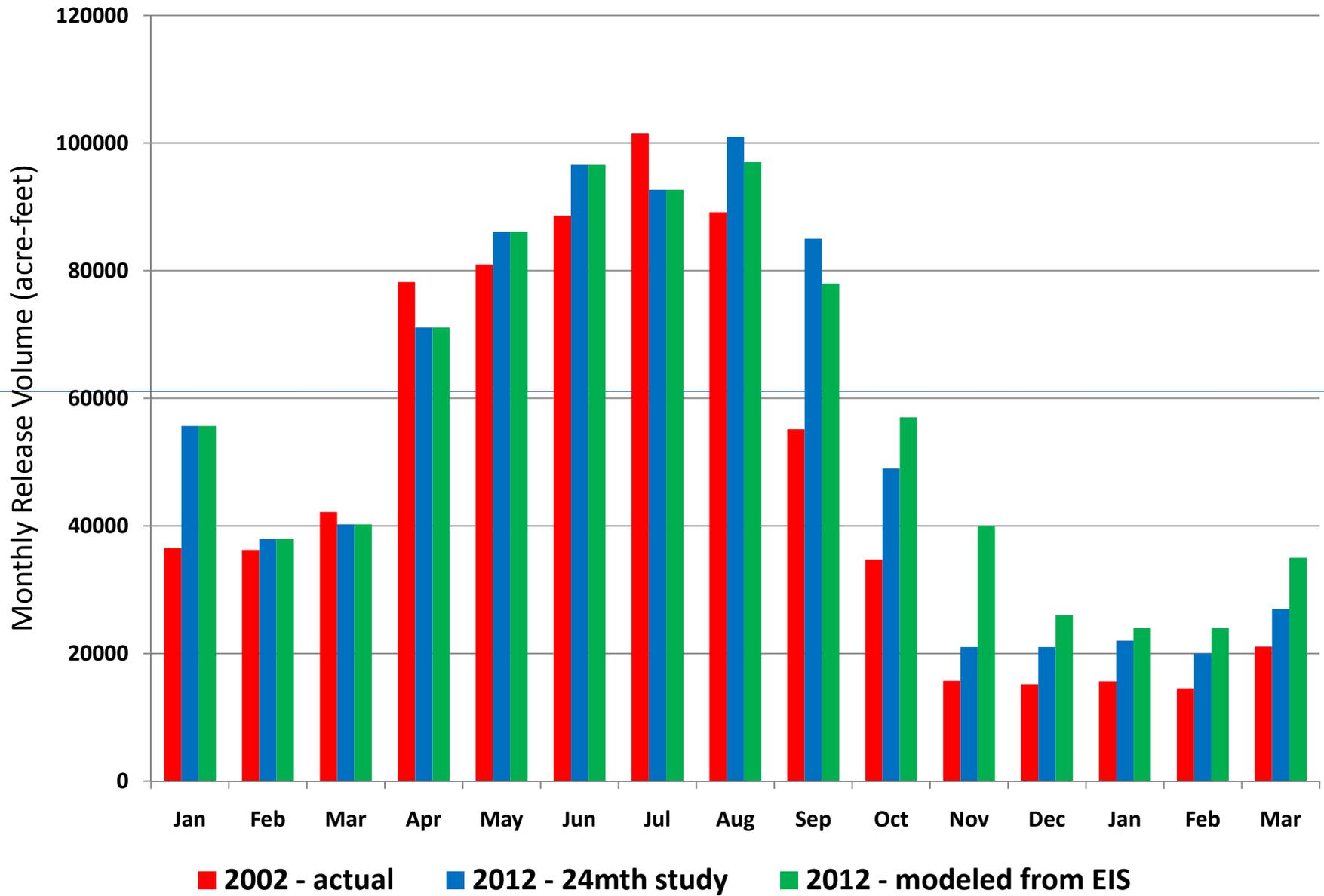


RECLAMATION

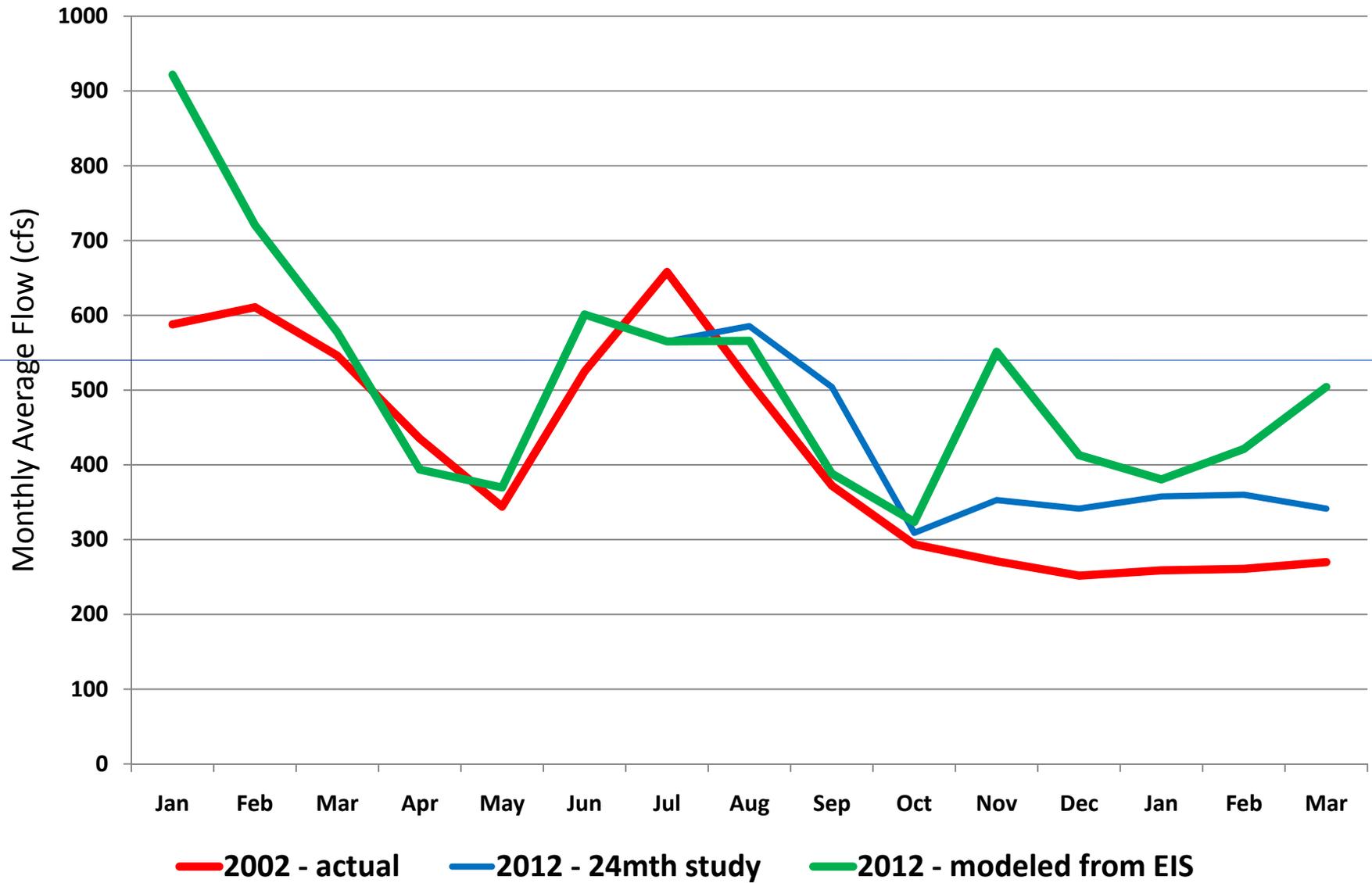
# Blue Mesa Content End of Month



# CRYSTAL RELEASE

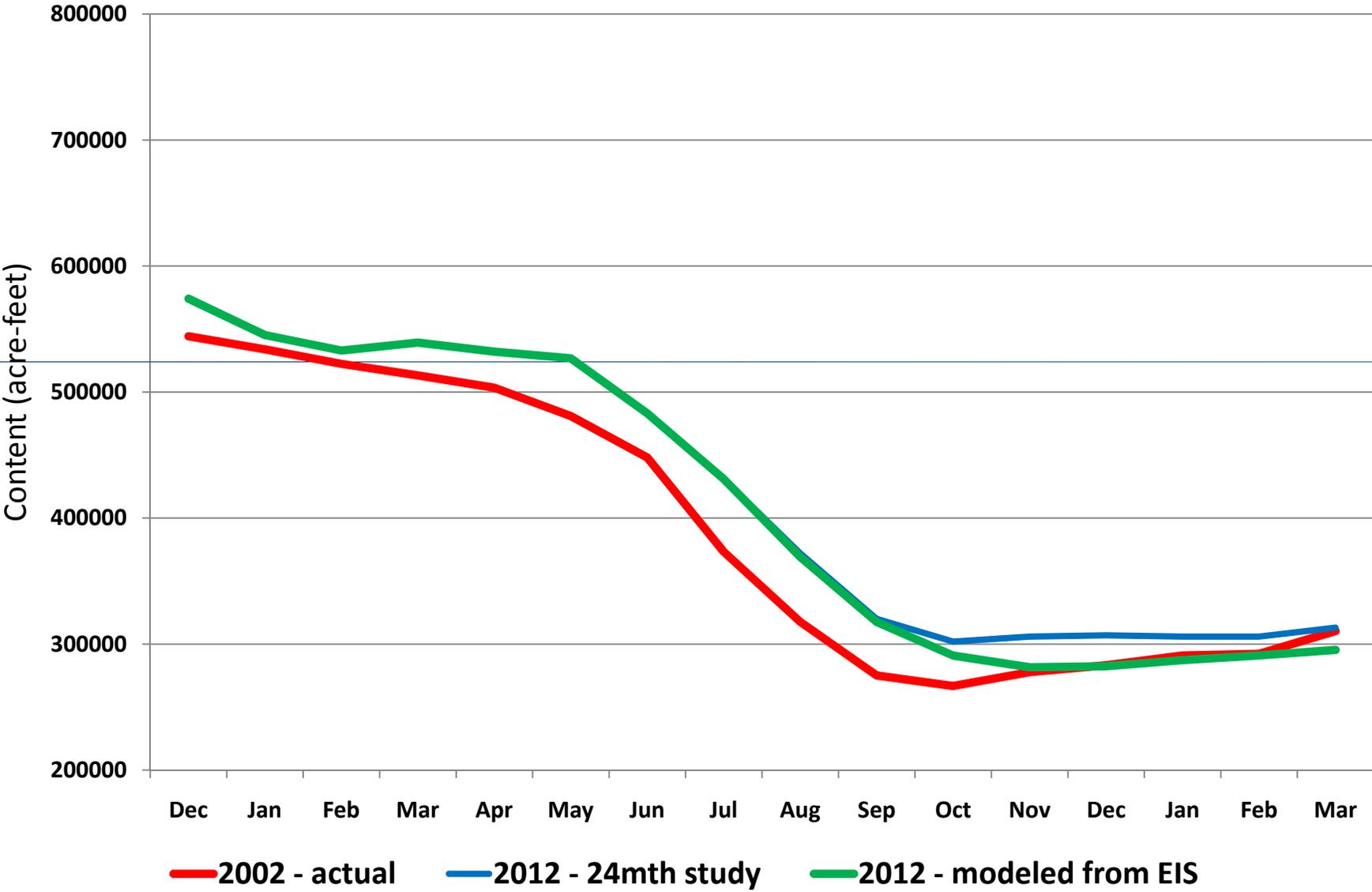


## Gunnison River Flows - Black Canyon Monthly Average



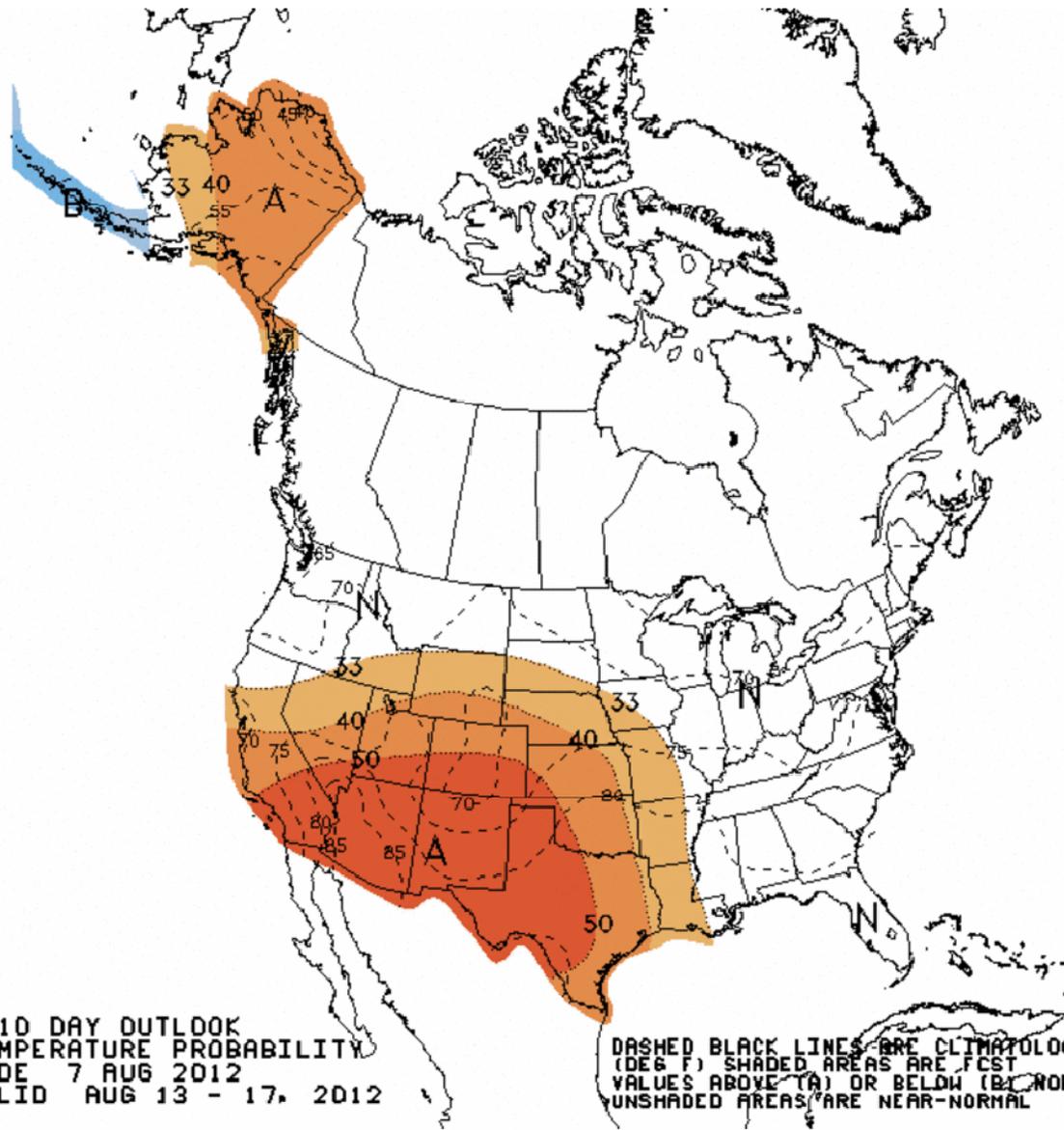
RECLAMATION

# BLUE MESA End of Month Content



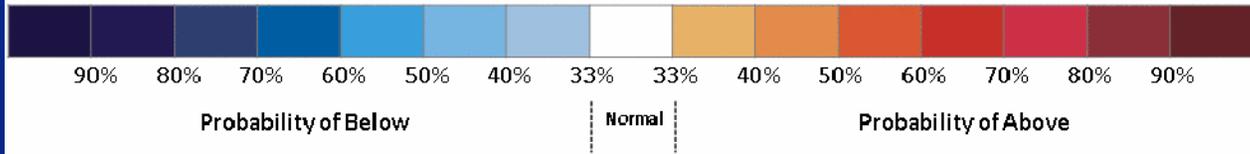
# WEATHER FORECASTS

RECLAMATION

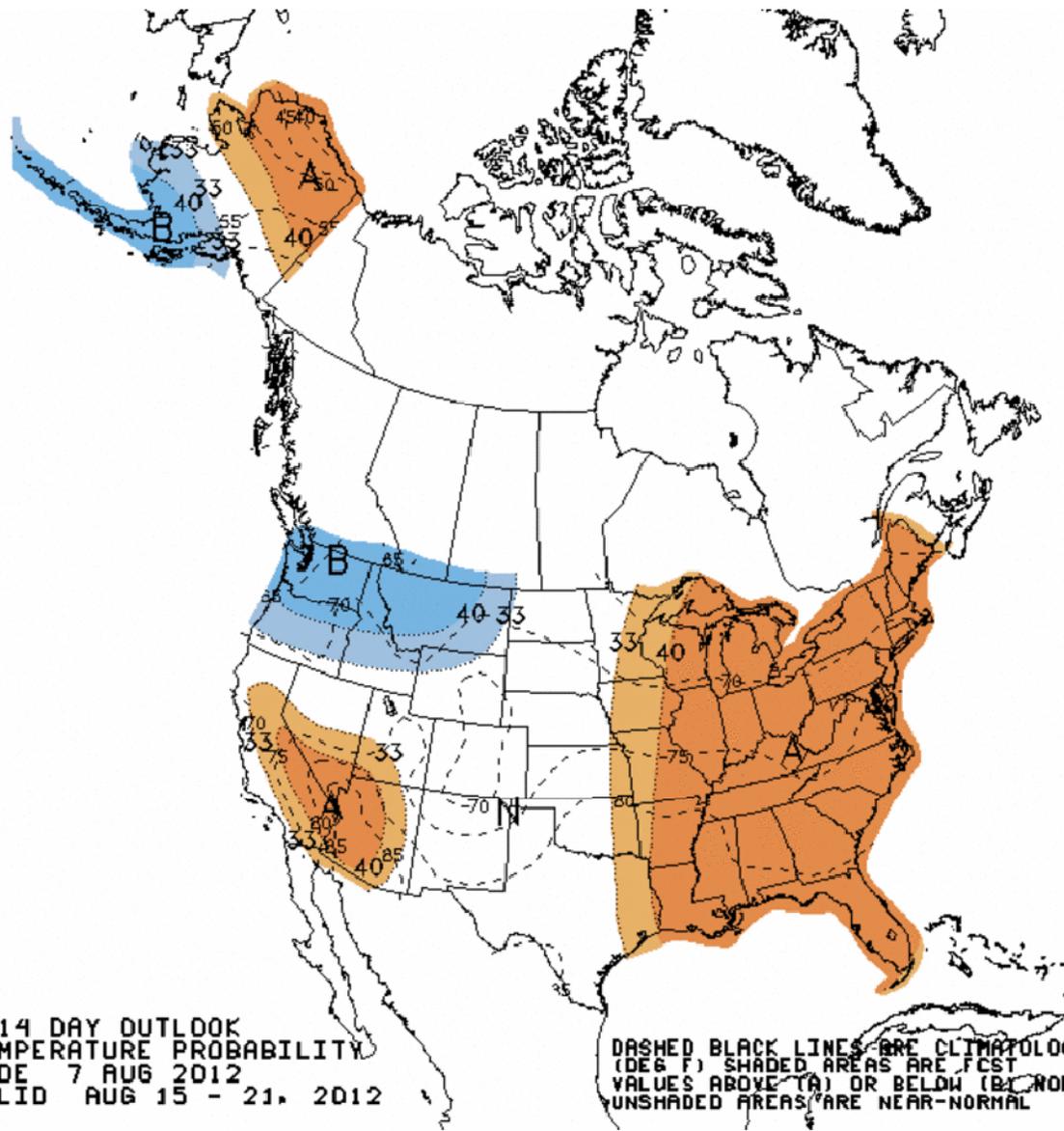


6-10 DAY OUTLOOK  
 TEMPERATURE PROBABILITY  
 MADE 7 AUG 2012  
 VALID AUG 13 - 17, 2012

DASHED BLACK LINES ARE CLIMATOLOGY  
 (DEG F) SHADED AREAS ARE FCST  
 VALUES ABOVE (A) OR BELOW (B) NORMAL  
 UNSHADED AREAS ARE NEAR-NORMAL

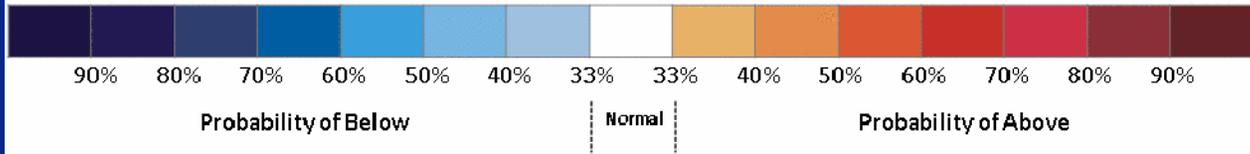


RECLAMATION

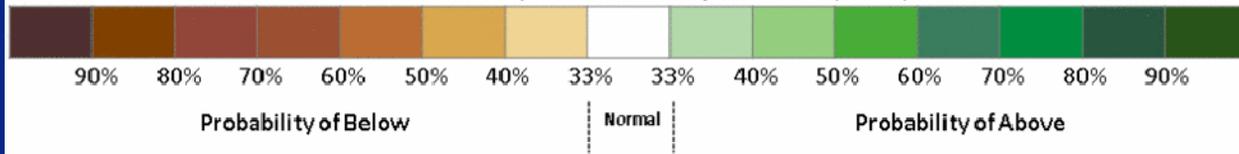
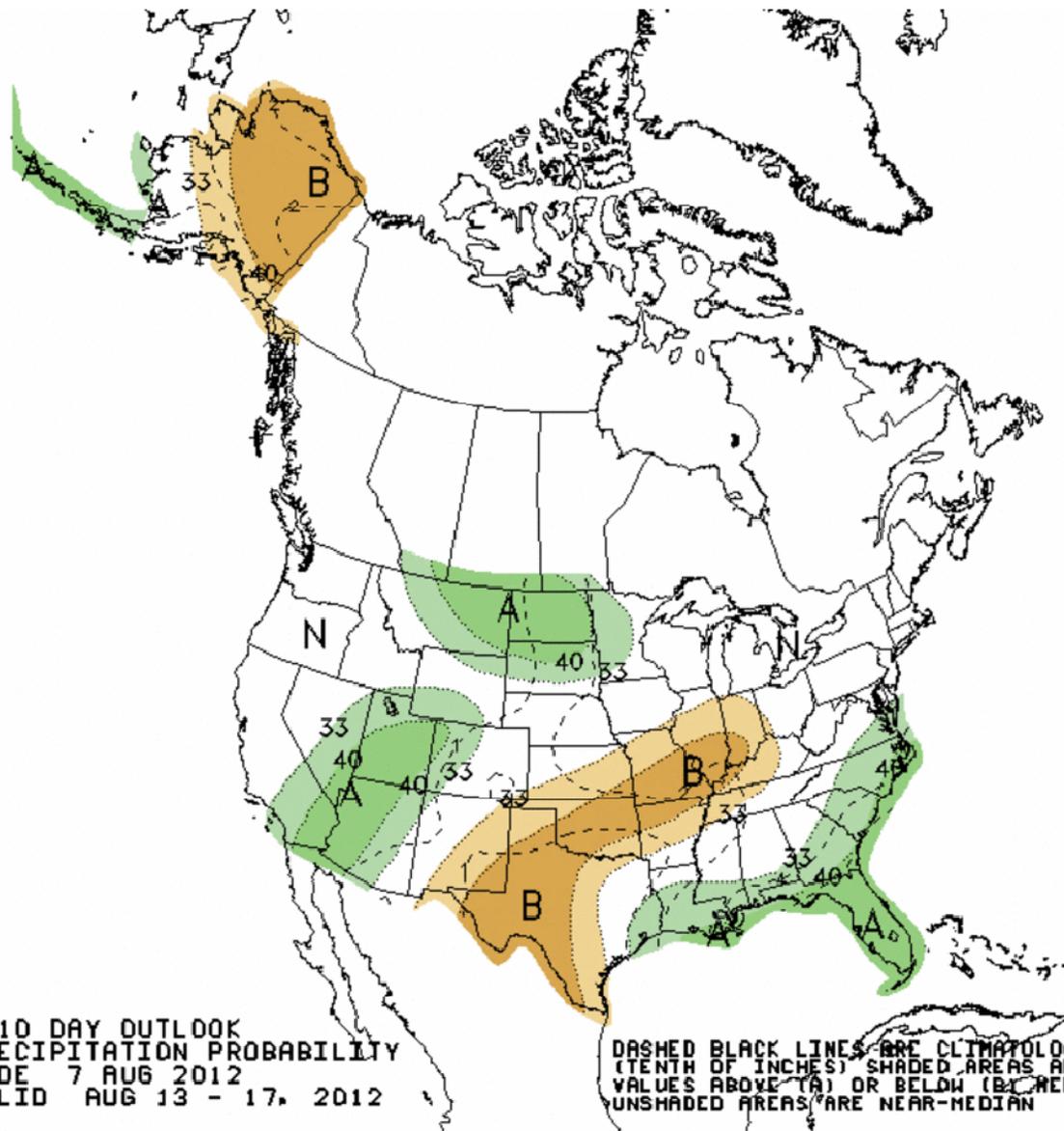


8-14 DAY OUTLOOK  
 TEMPERATURE PROBABILITY  
 MADE 7 AUG 2012  
 VALID AUG 15 - 21, 2012

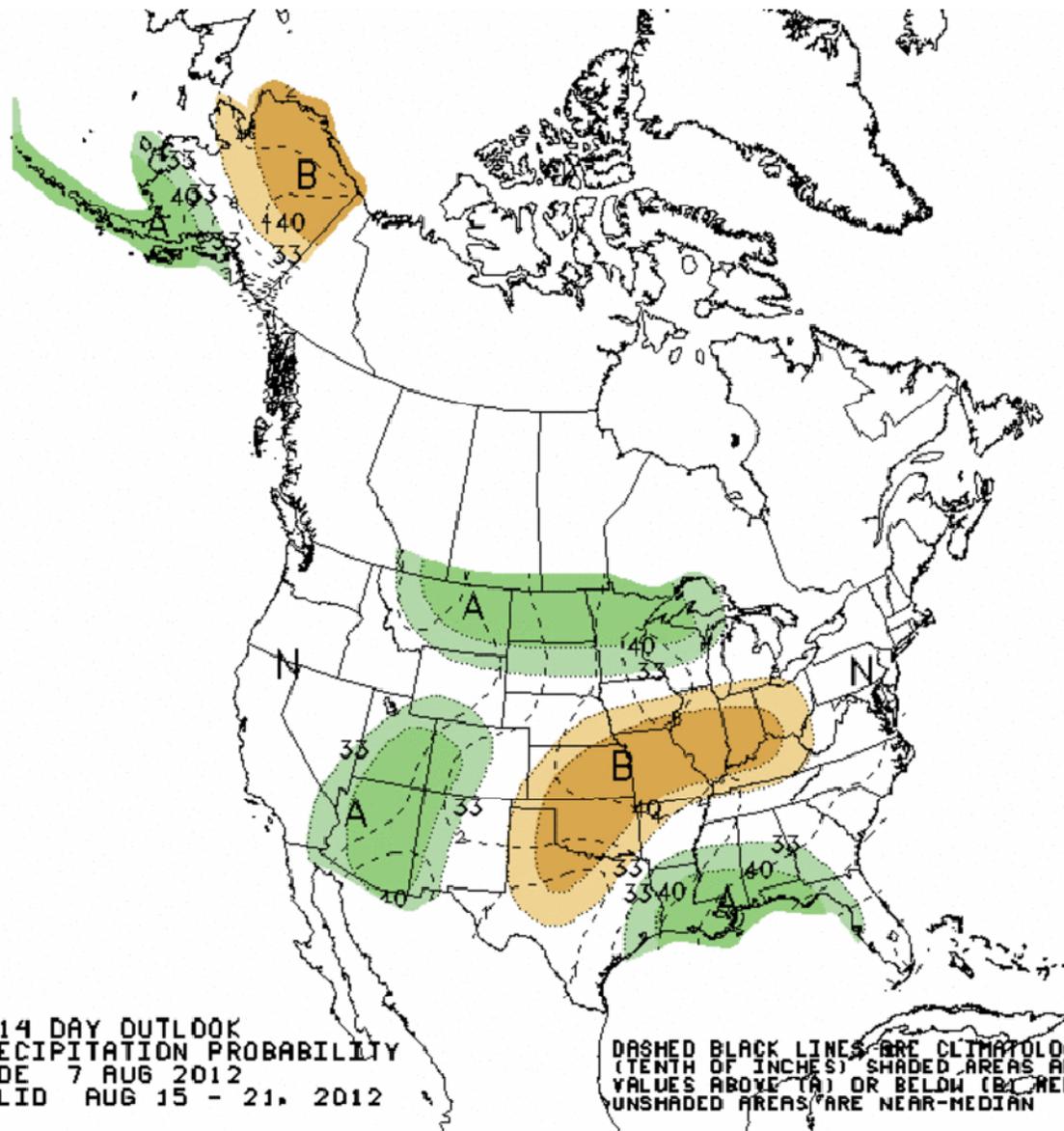
DASHED BLACK LINES ARE CLIMATOLOGY  
 (DEG F) SHADED AREAS ARE FCST  
 VALUES ABOVE (A) OR BELOW (B) NORMAL  
 UNSHADED AREAS ARE NEAR-NORMAL



# RECLAMATION

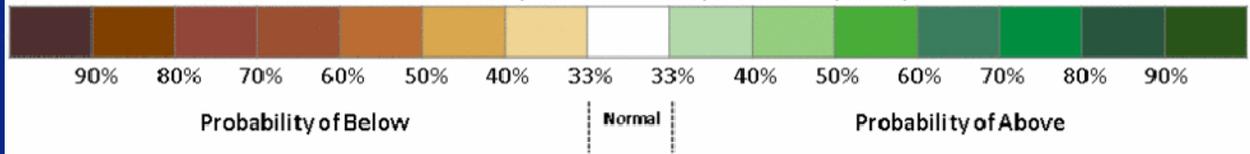


RECLAMATION

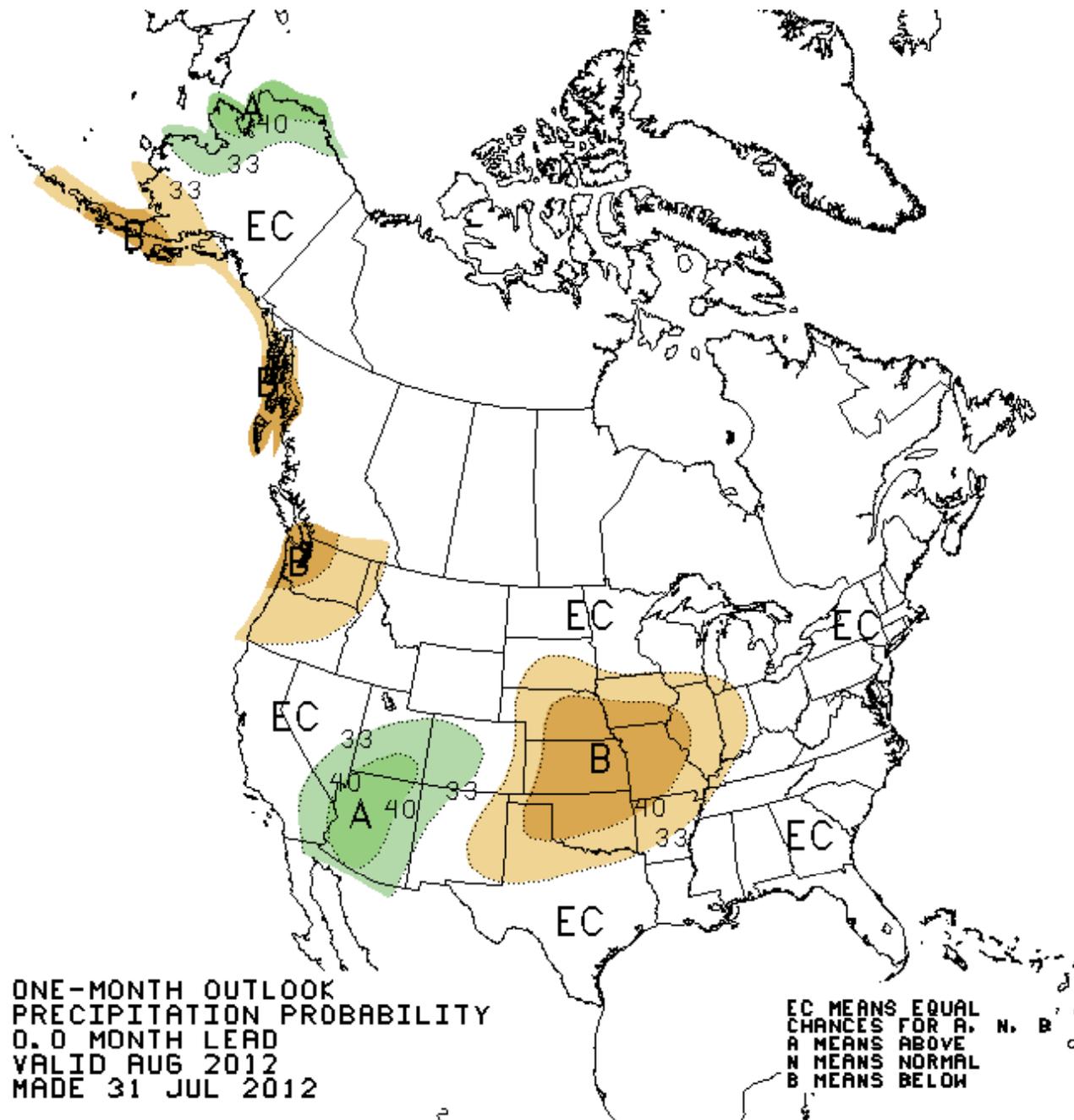


8-14 DAY OUTLOOK  
 PRECIPITATION PROBABILITY  
 MADE 7 AUG 2012  
 VALID AUG 15 - 21, 2012

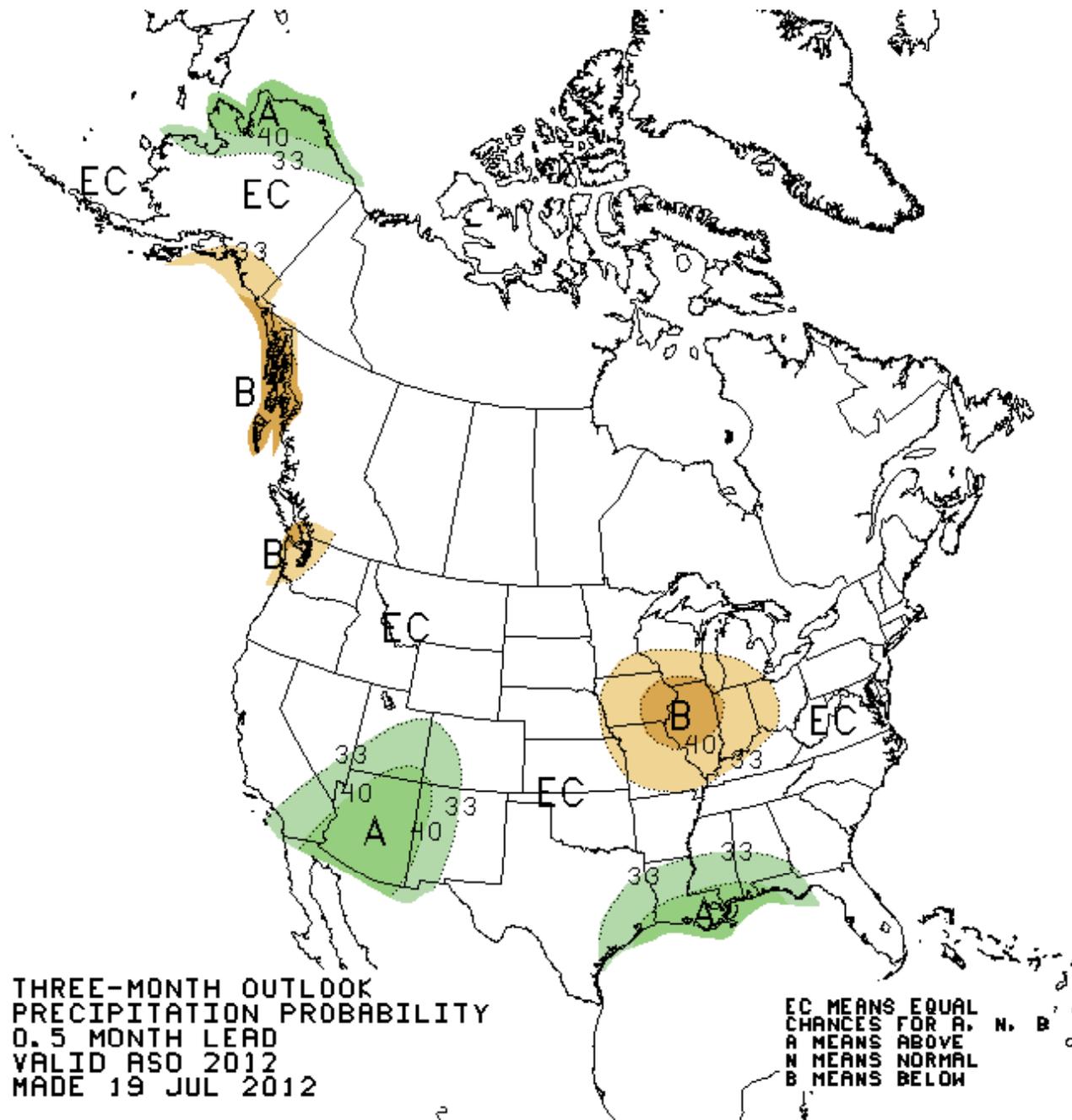
DASHED BLACK LINES ARE CLIMATOLOGY  
 (TENTH OF INCHES). SHADED AREAS ARE FCS  
 VALUES ABOVE (A) OR BELOW (B) MEDIAN  
 UNSHADED AREAS ARE NEAR-MEDIAN



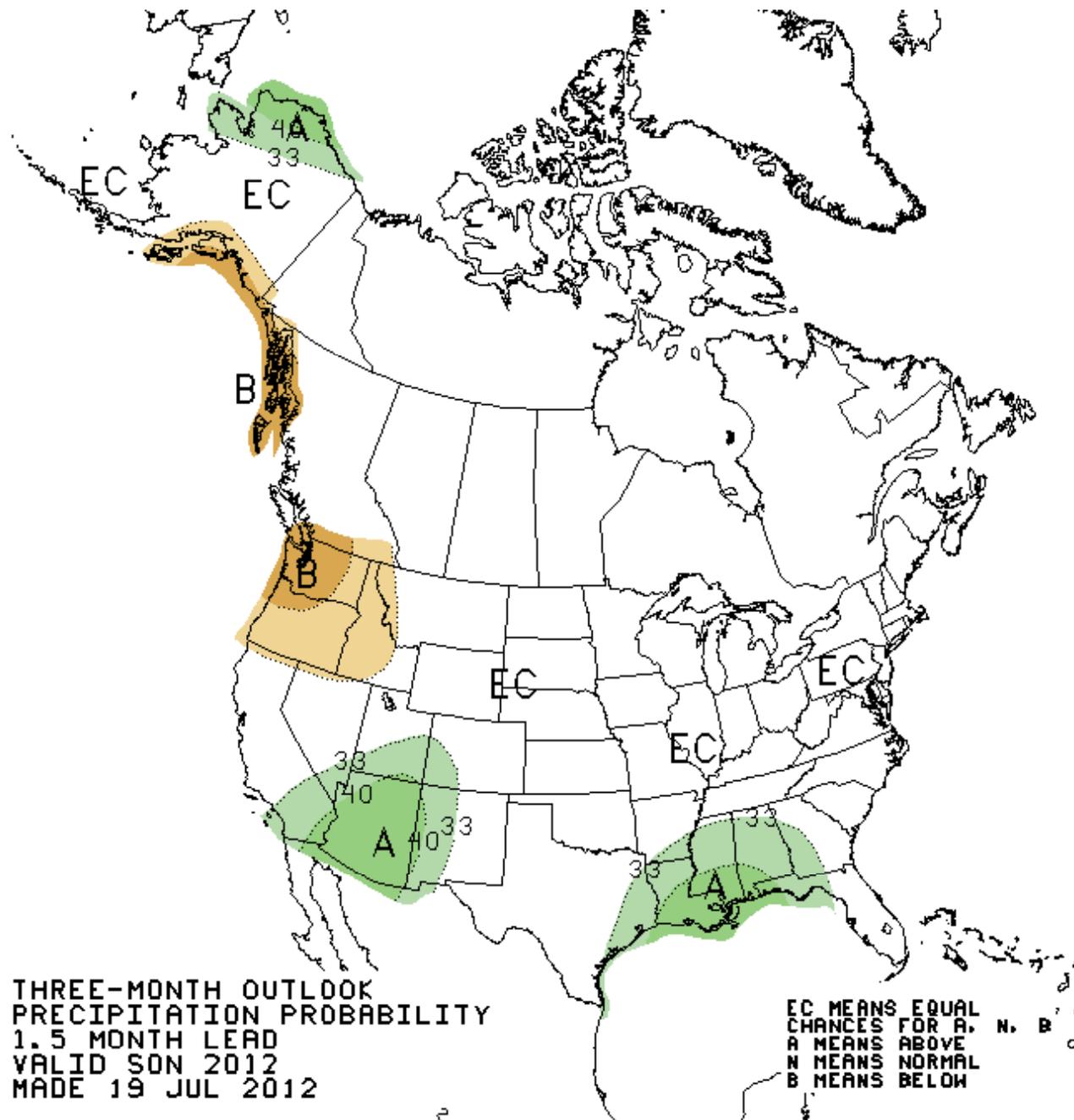
RECLAMATION



RECLAMATION



# RECLAMATION



# RECLAMATION

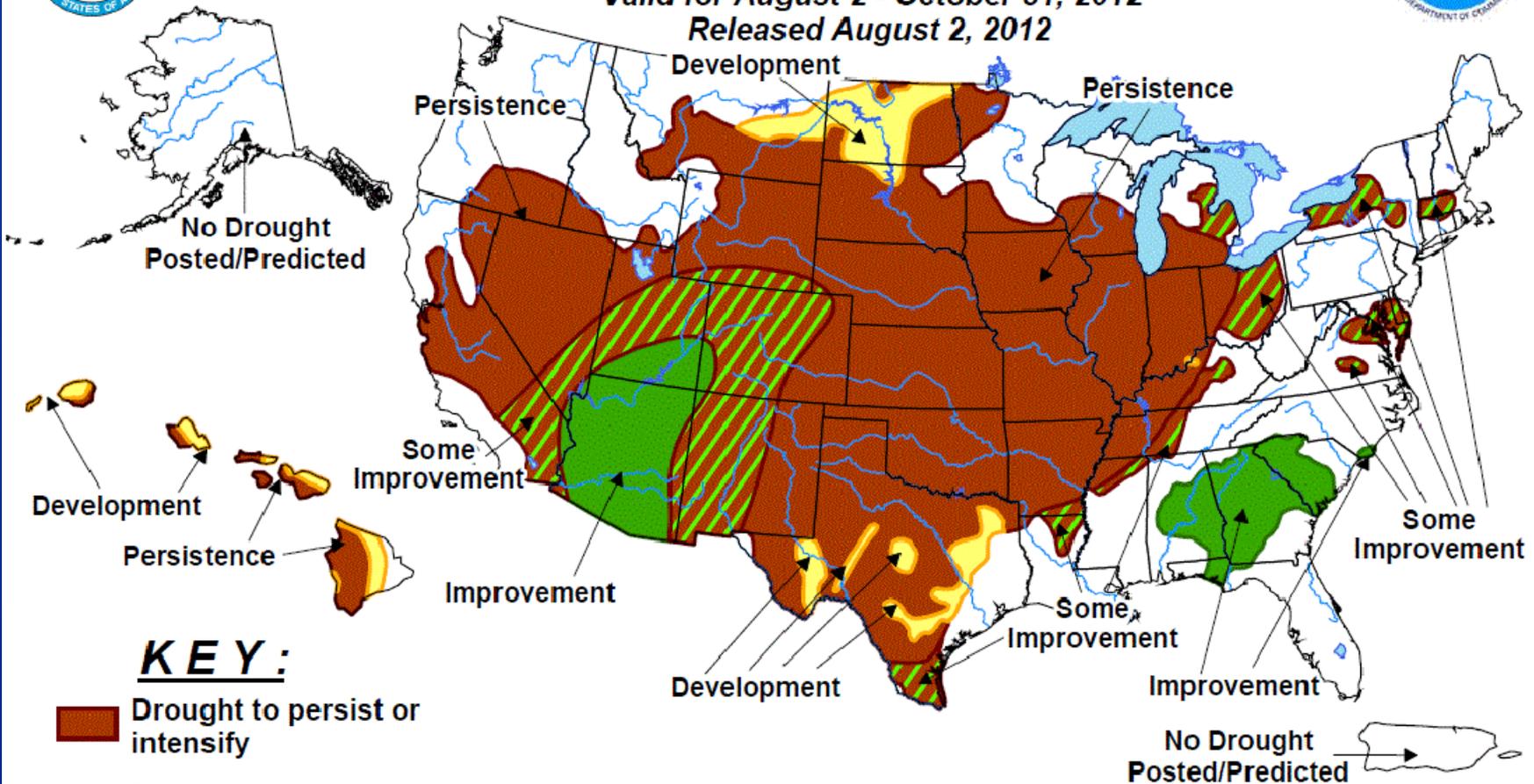


# U.S. Seasonal Drought Outlook

## Drought Tendency During the Valid Period

Valid for August 2 - October 31, 2012

Released August 2, 2012



### 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/water/rsvrs/mtgs/amcurrnt.html>

RECLAMATION