

CBRFC Presentation to the CRFS meeting

April 17, 2007



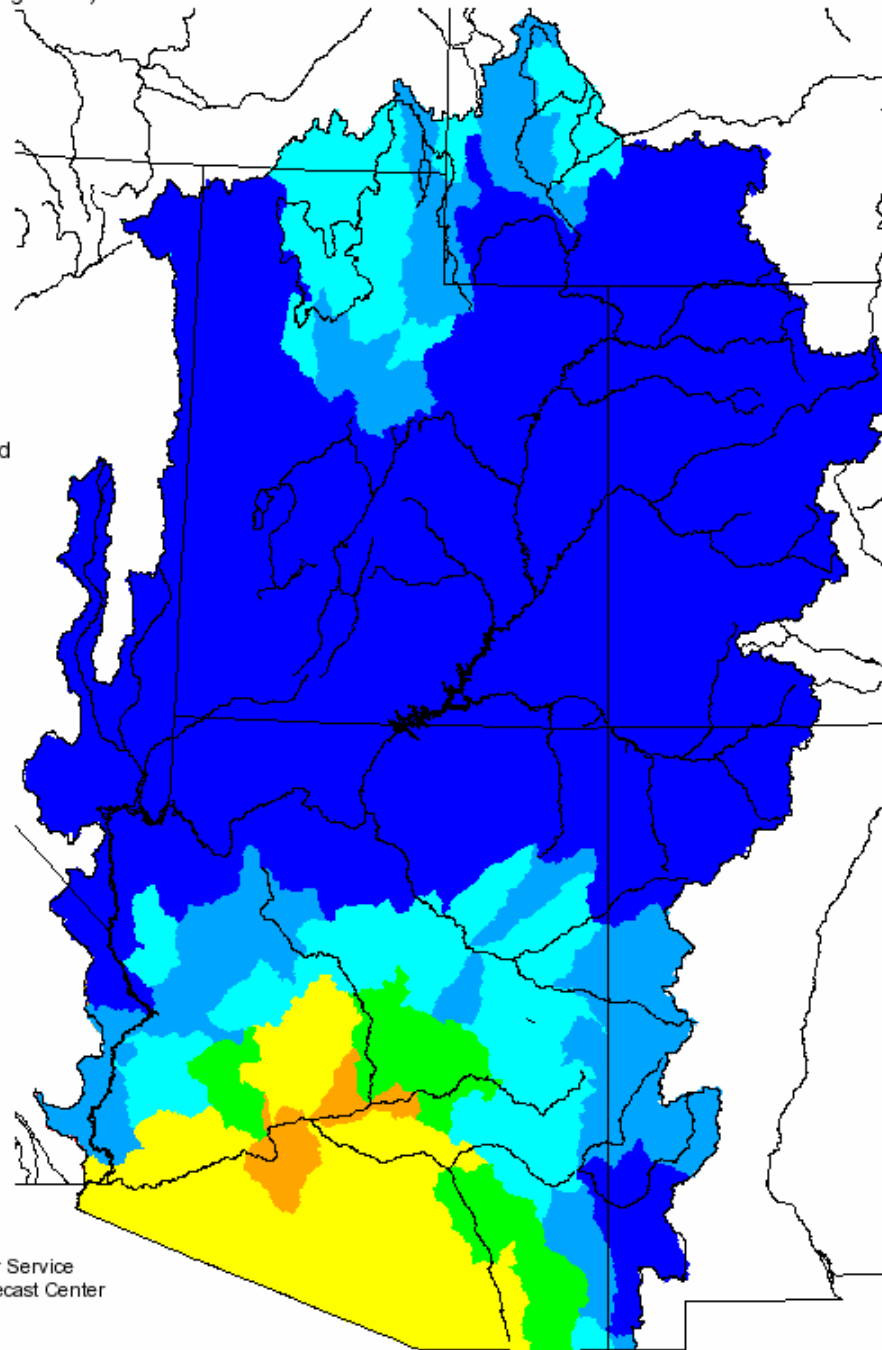
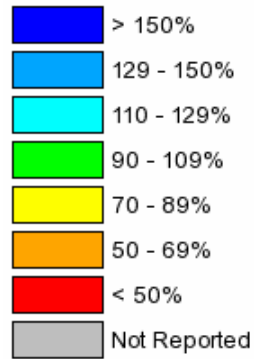
Water Year 2007 Precipitation



Monthly Precipitation for October 2006

(Averaged by Hydrologic Unit)

% Average

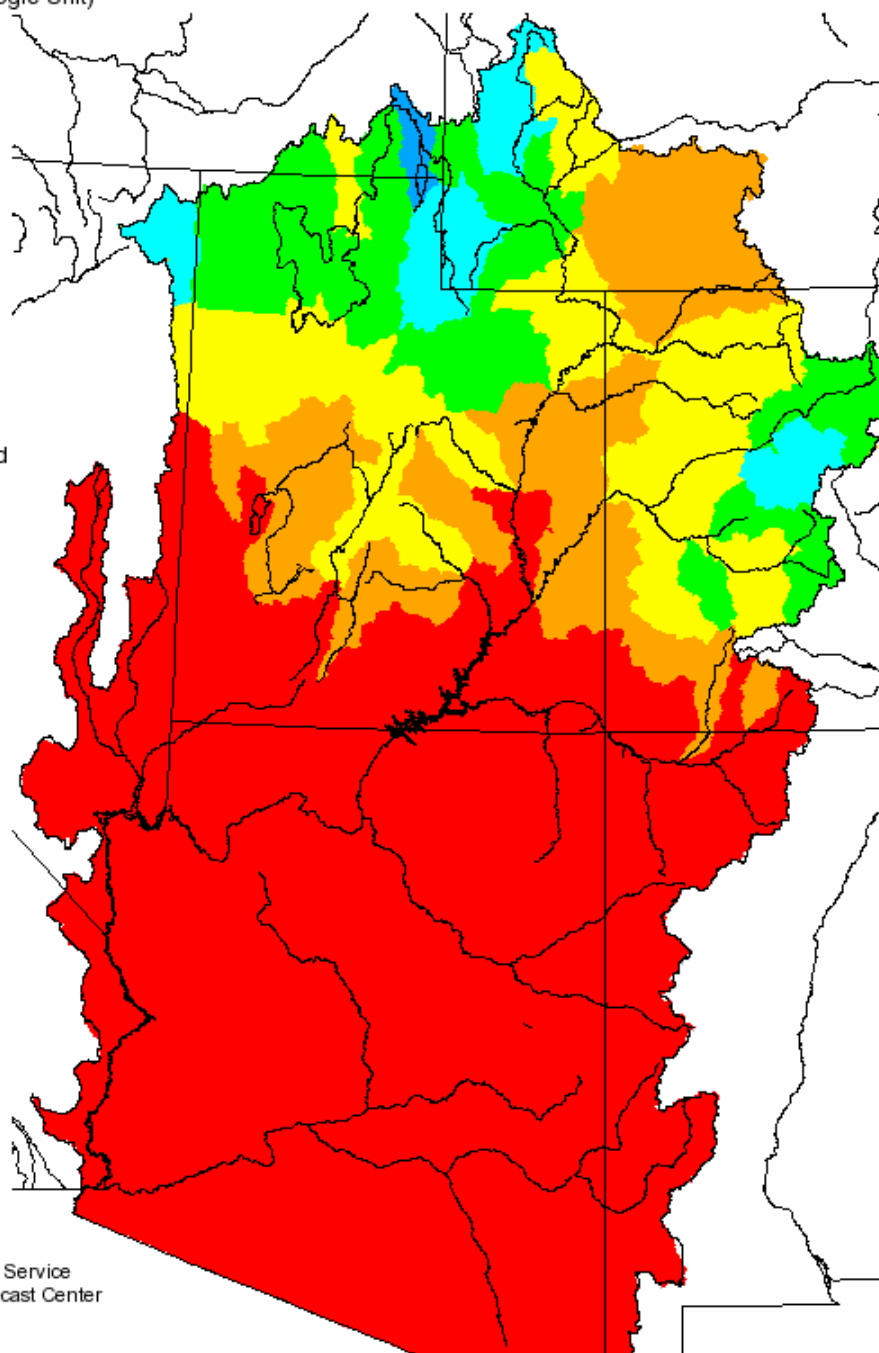
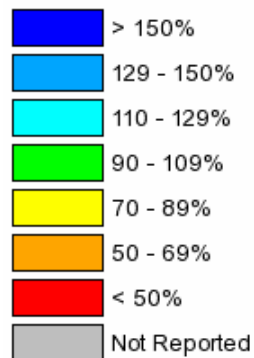


Prepared by
NOAA, National Weather Service
Colorado Basin River Forecast Center
Salt Lake City, Utah
www.cbrfc.noaa.gov

Monthly Precipitation for November 2006

(Averaged by Hydrologic Unit)

% Average

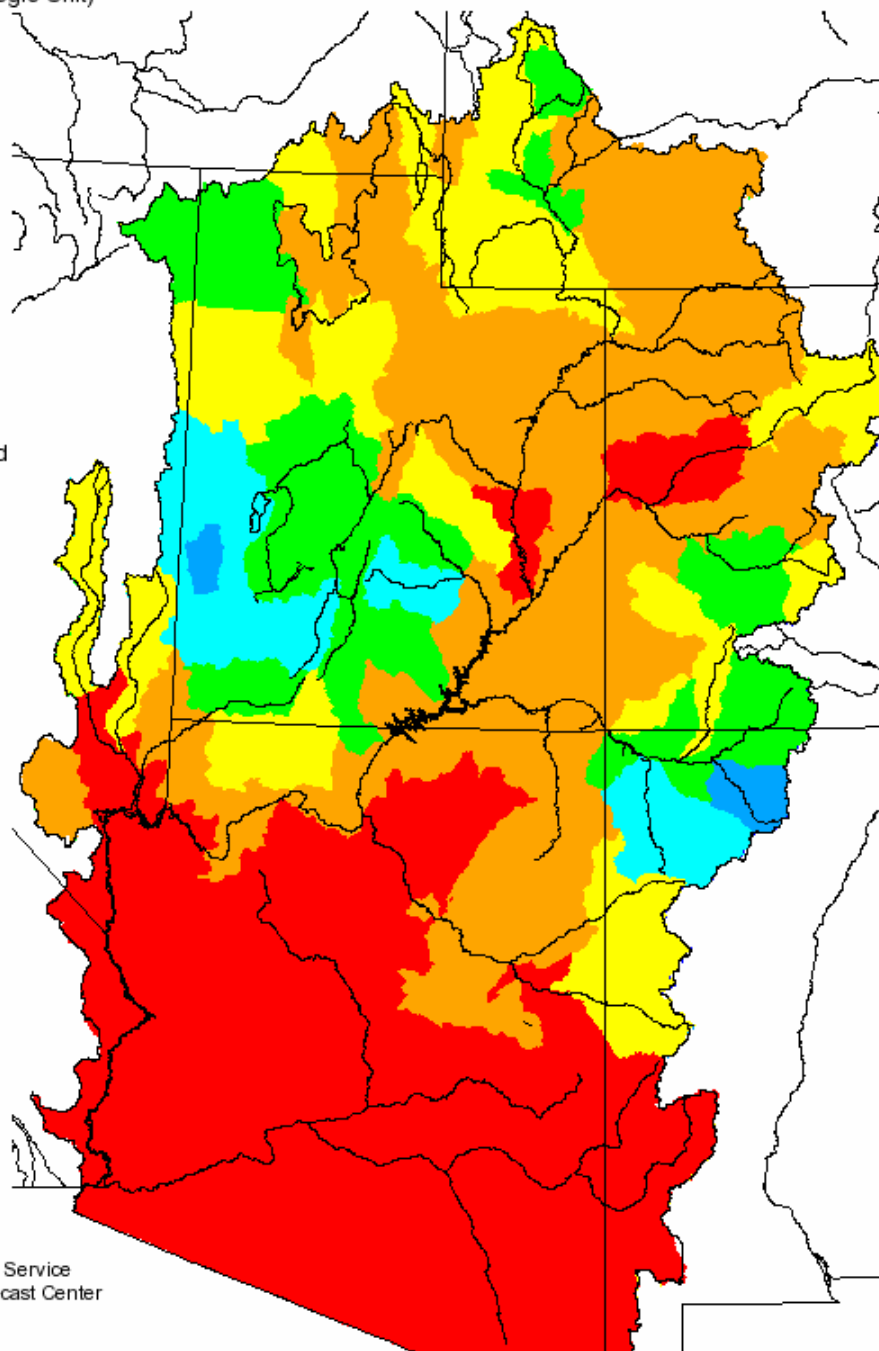
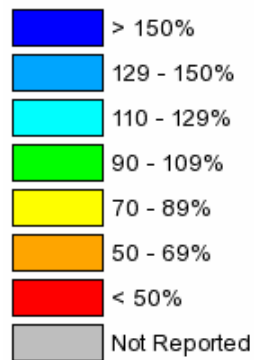


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Monthly Precipitation for December 2006

(Averaged by Hydrologic Unit)

% Average

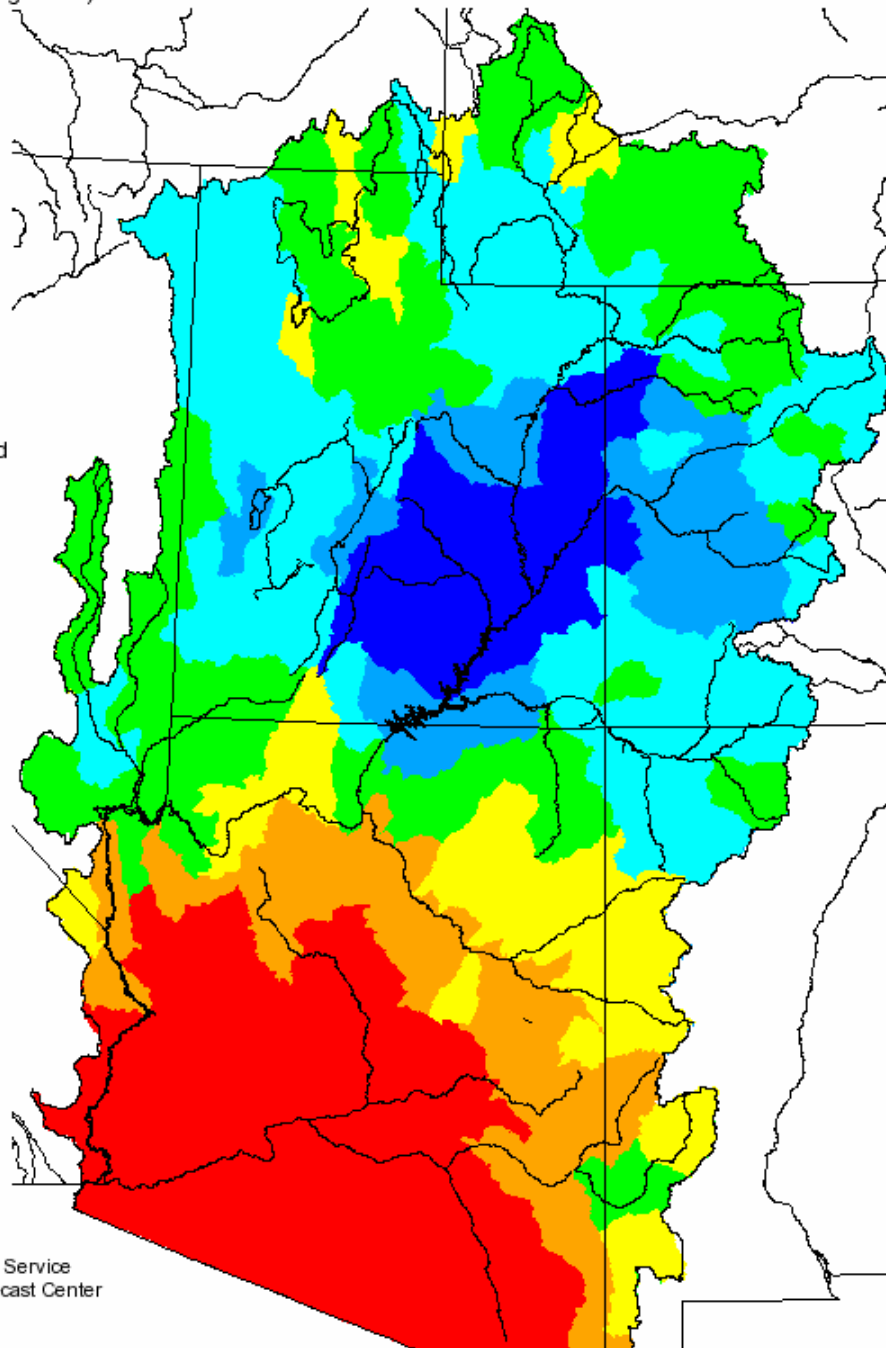
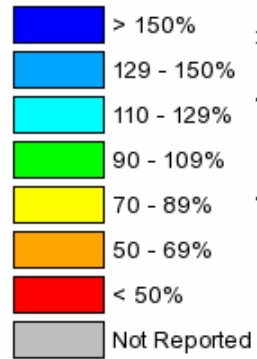


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Seasonal Precipitation, October 2006 - December 2006

(Averaged by Hydrologic Unit)

% Average

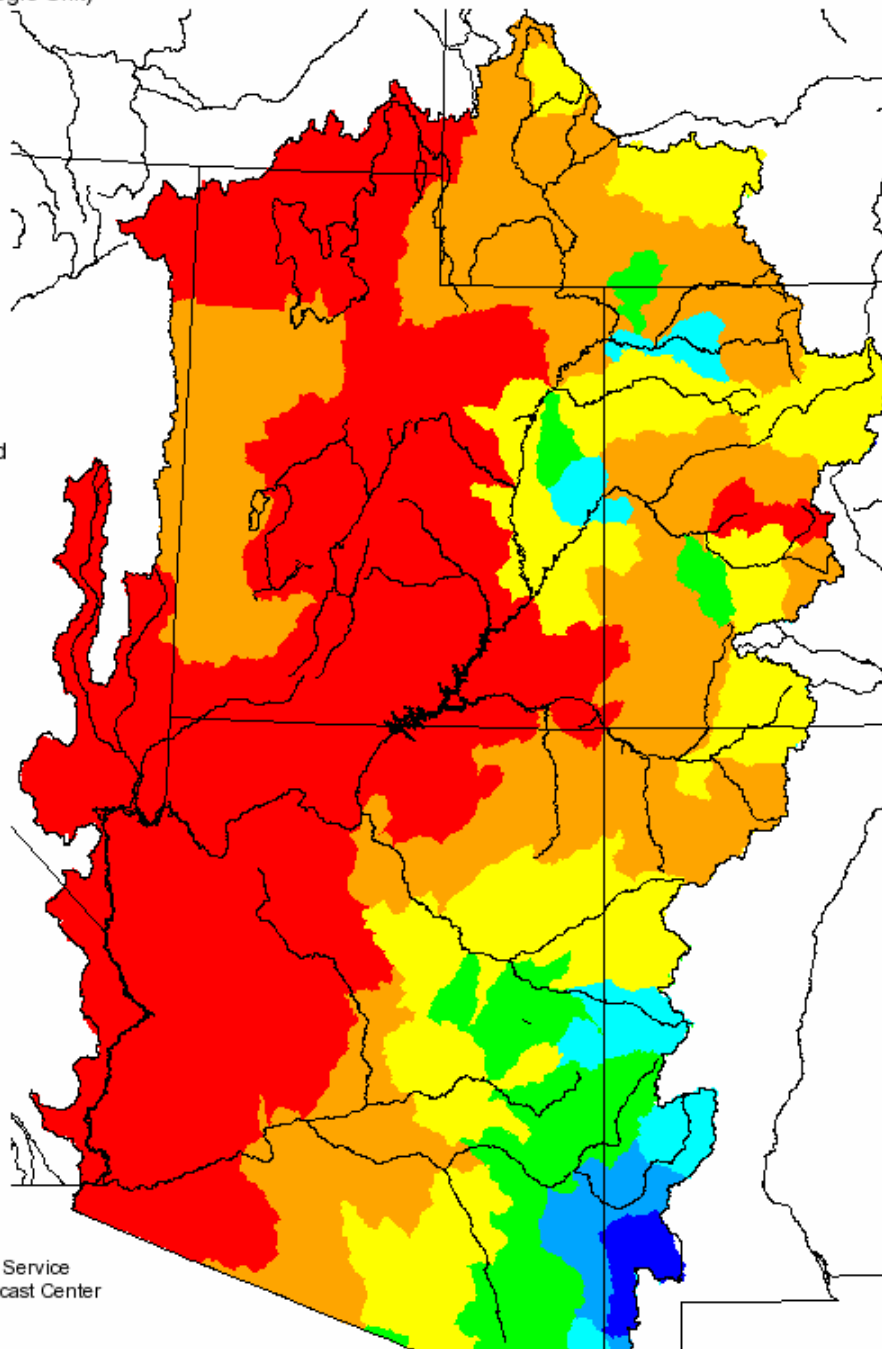
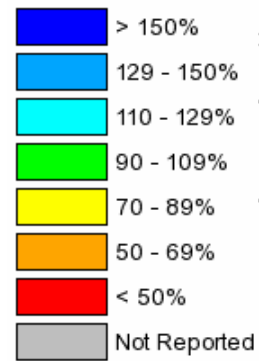


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Monthly Precipitation for January 2007

(Averaged by Hydrologic Unit)

% Average

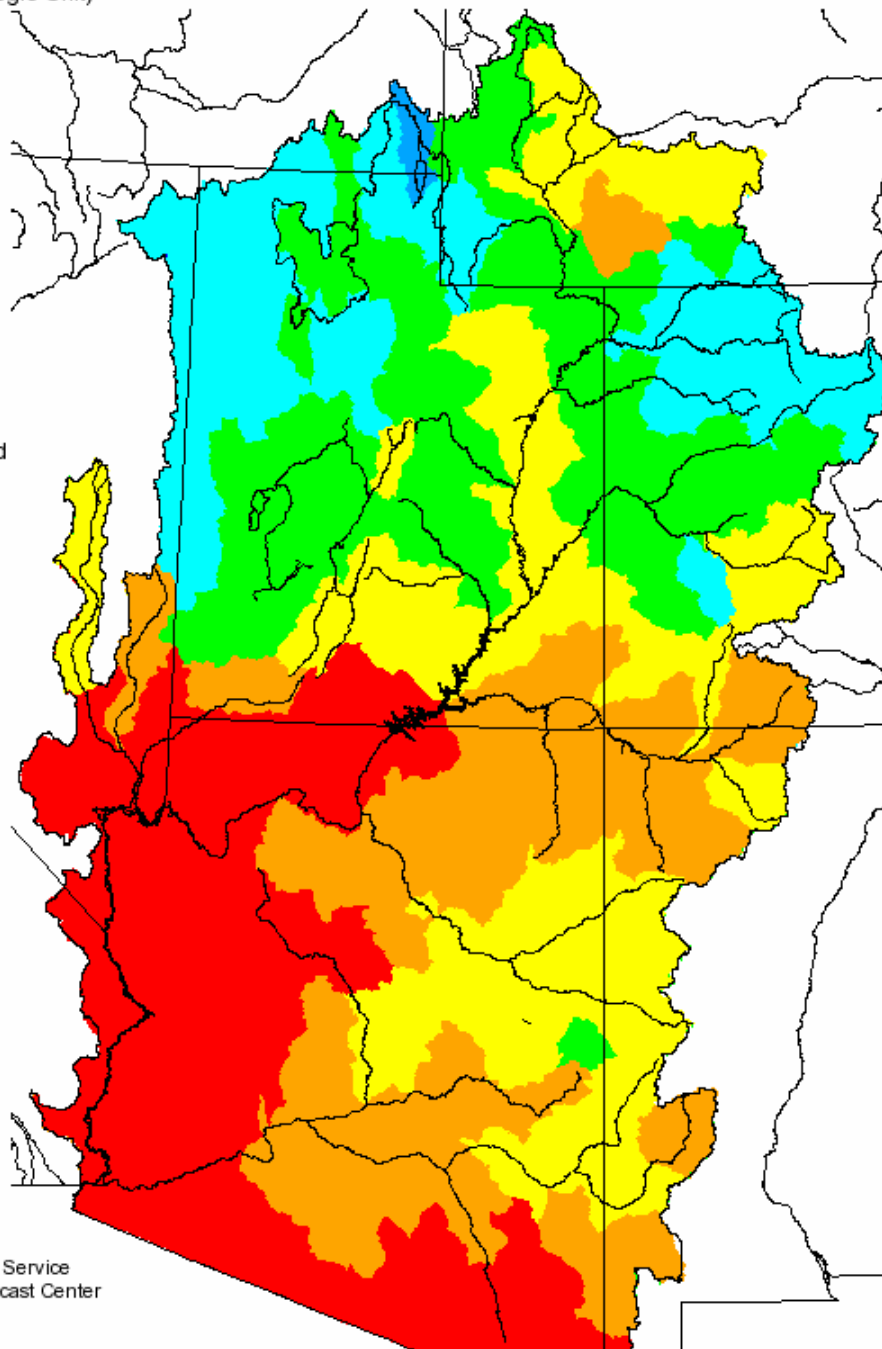
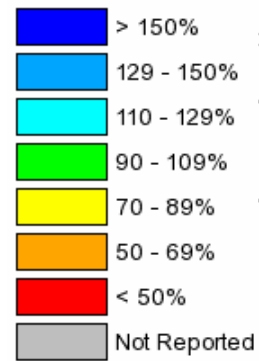


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Monthly Precipitation for February 2007

(Averaged by Hydrologic Unit)

% Average

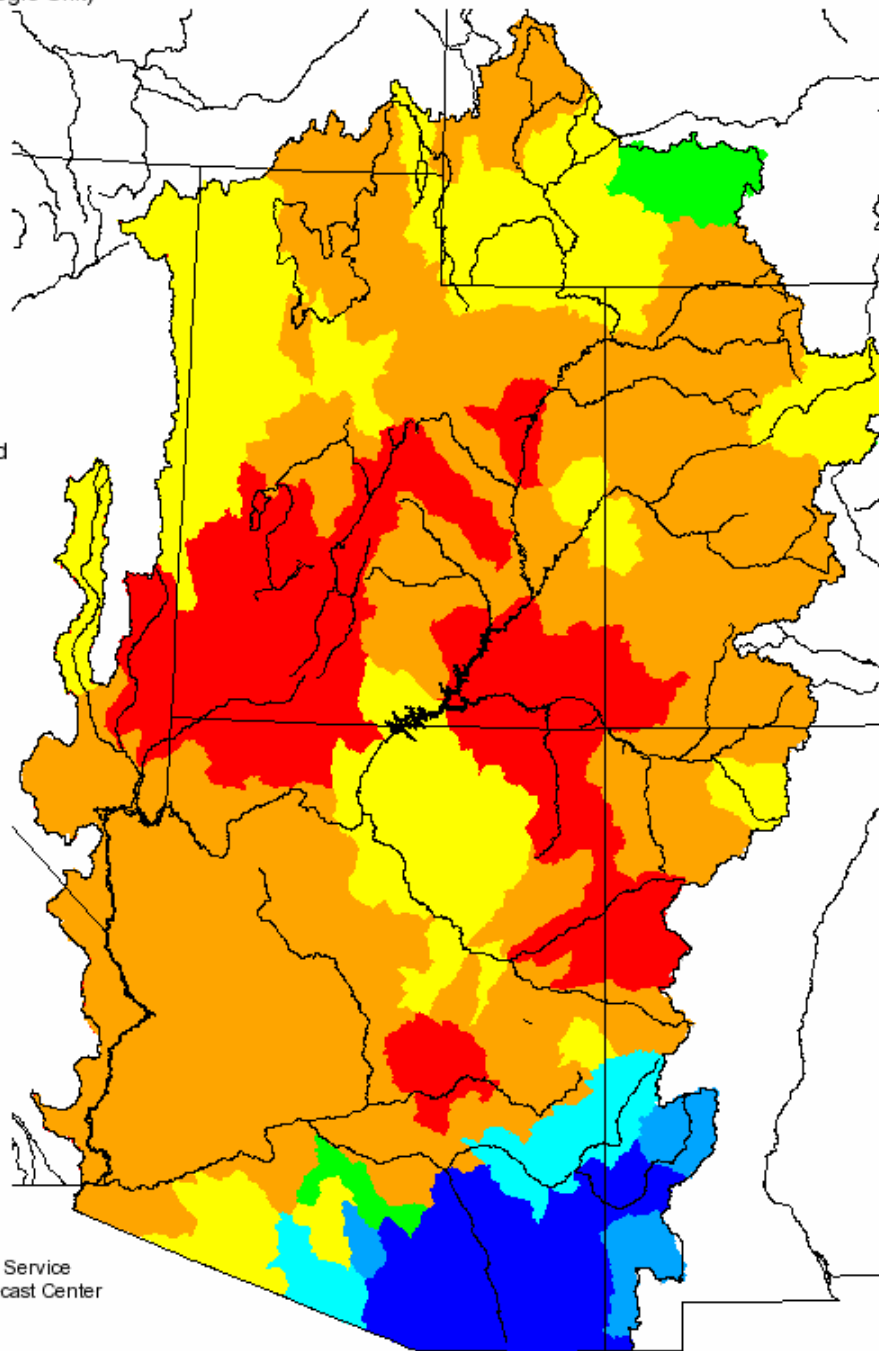
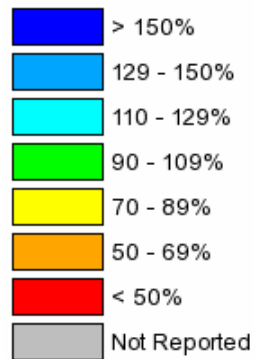


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Monthly Precipitation for March 2007

(Averaged by Hydrologic Unit)

% Average

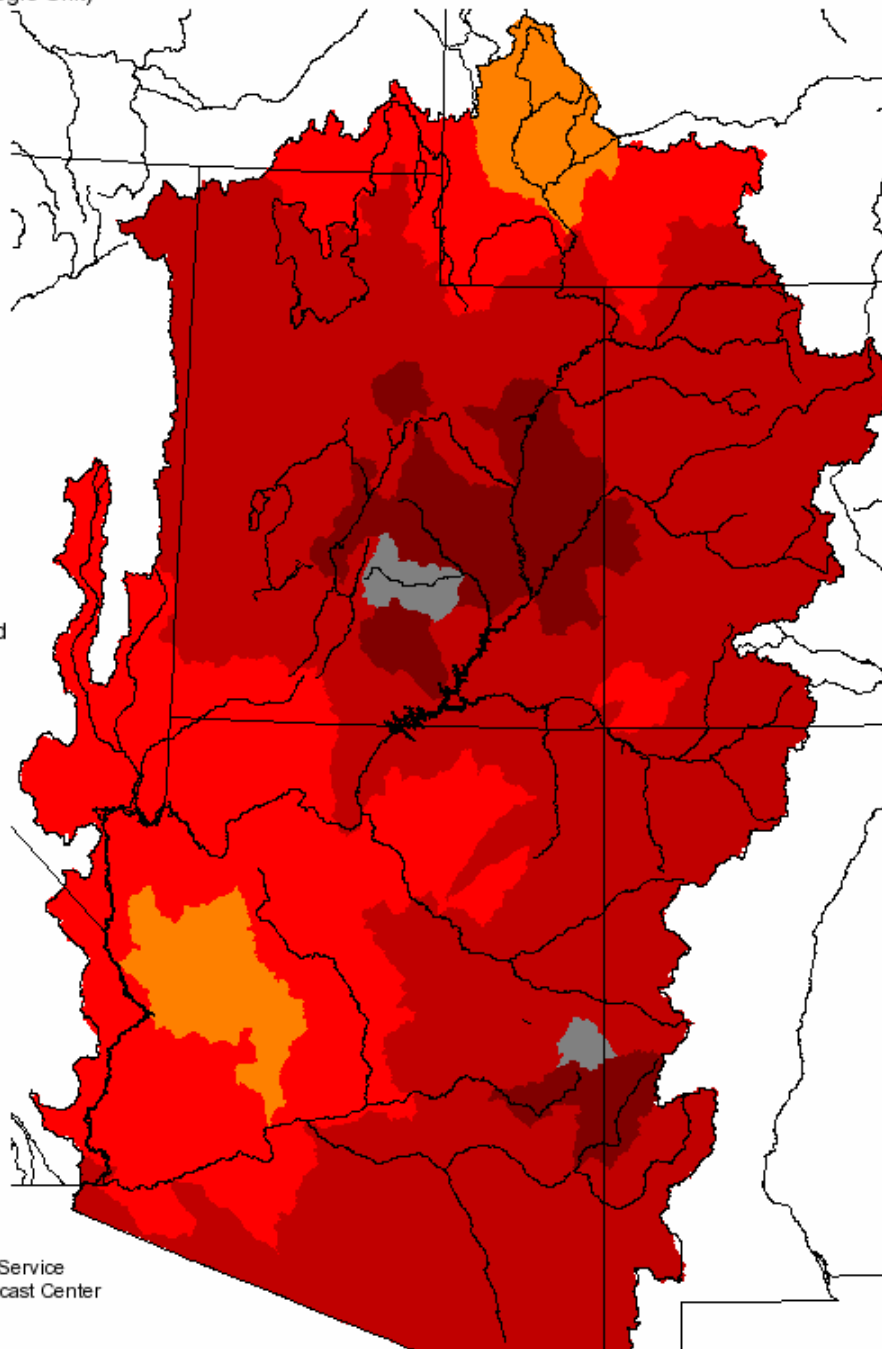
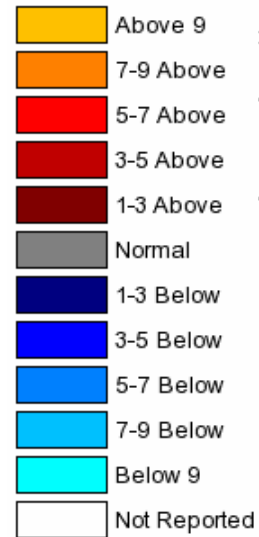


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Monthly Max Temp Deviation for March 2007

(Averaged by Hydrologic Unit)

Degrees (F)

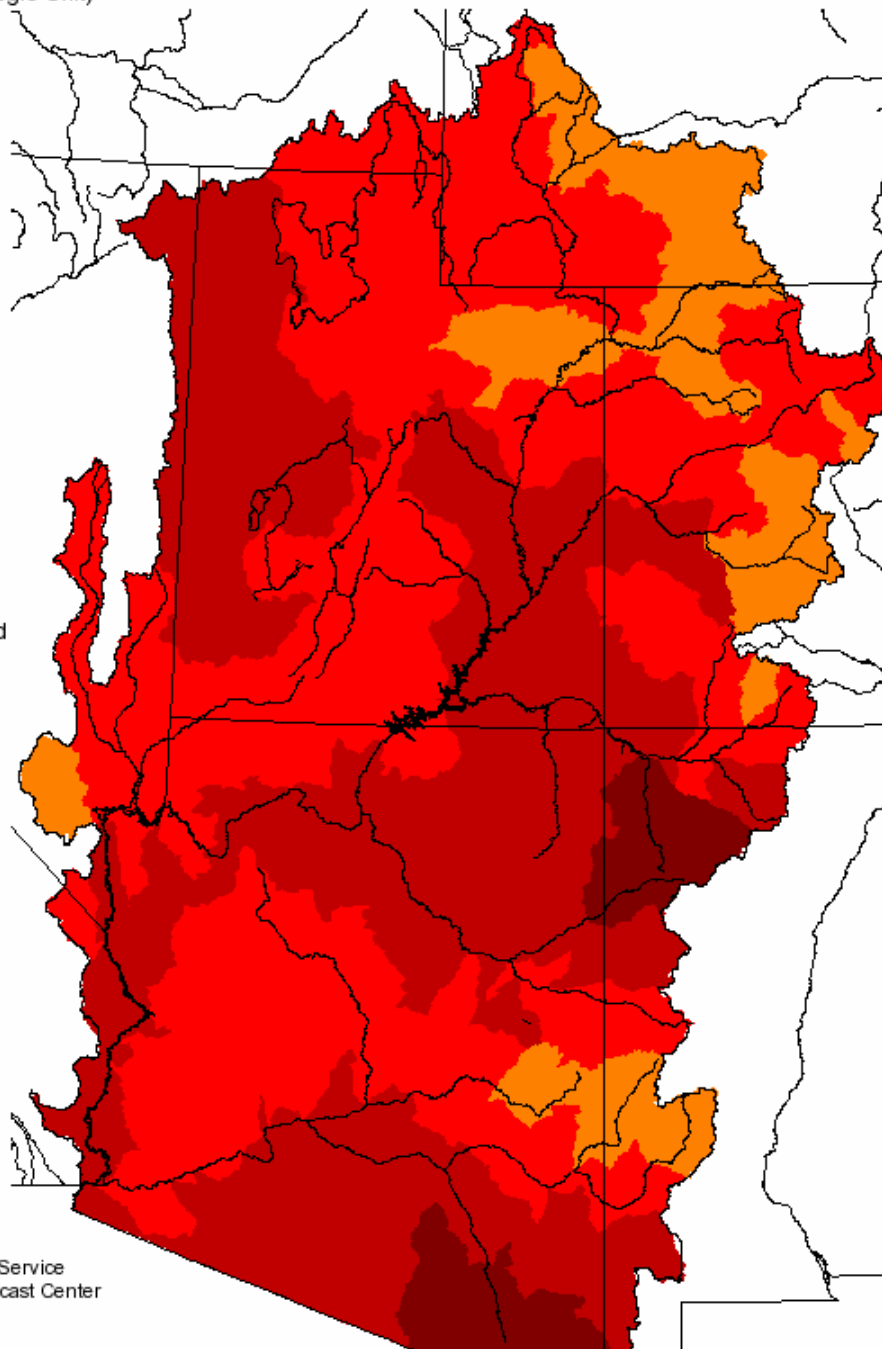
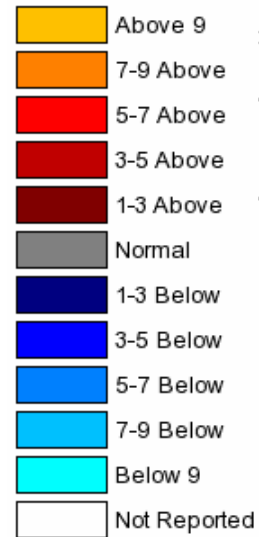


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Monthly Min Temp Deviation for March 2007

(Averaged by Hydrologic Unit)

Degrees (F)

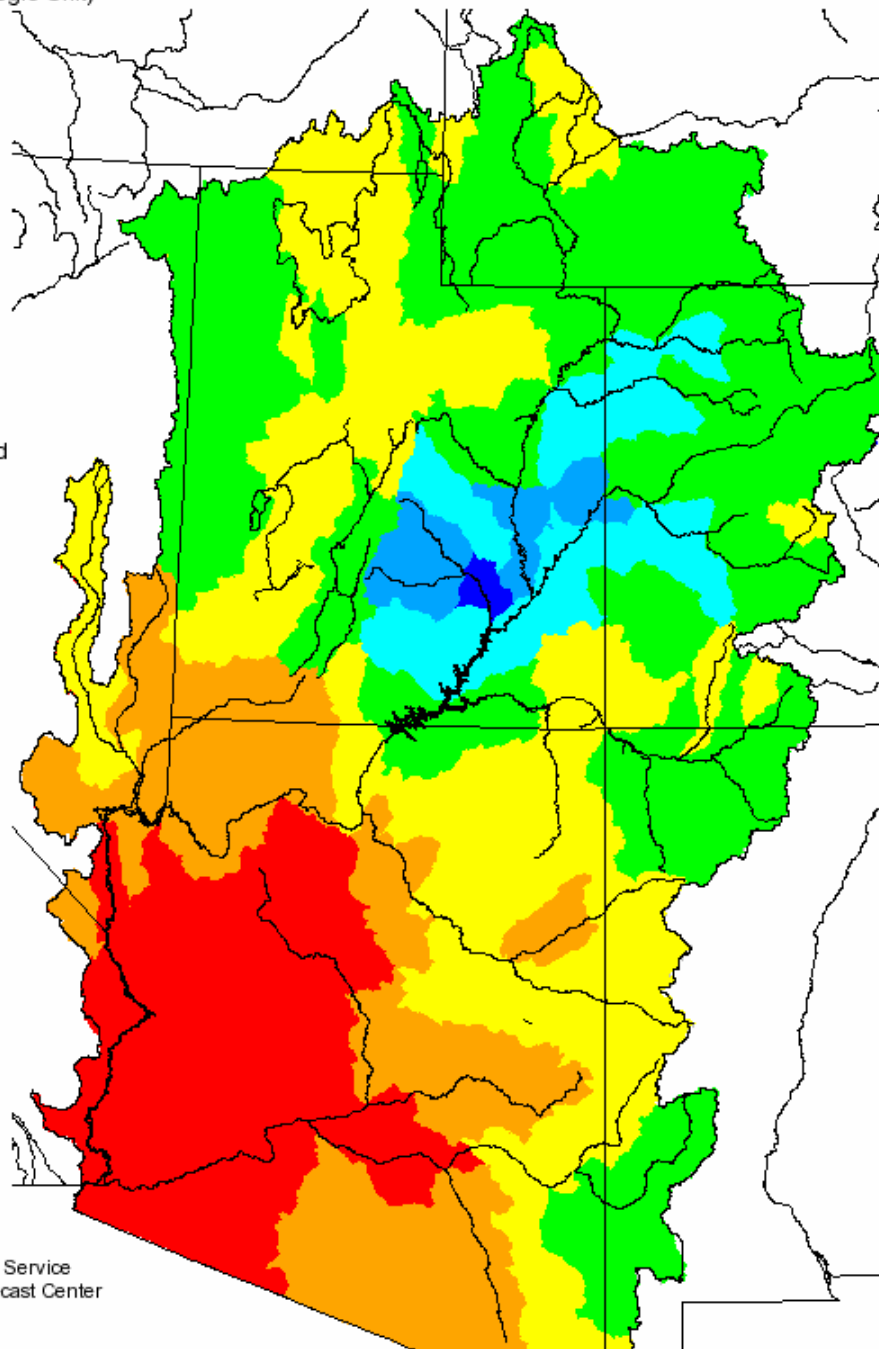
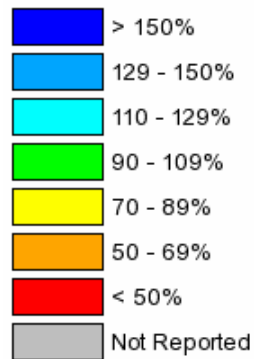


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Seasonal Precipitation, October 2006 - March 2007

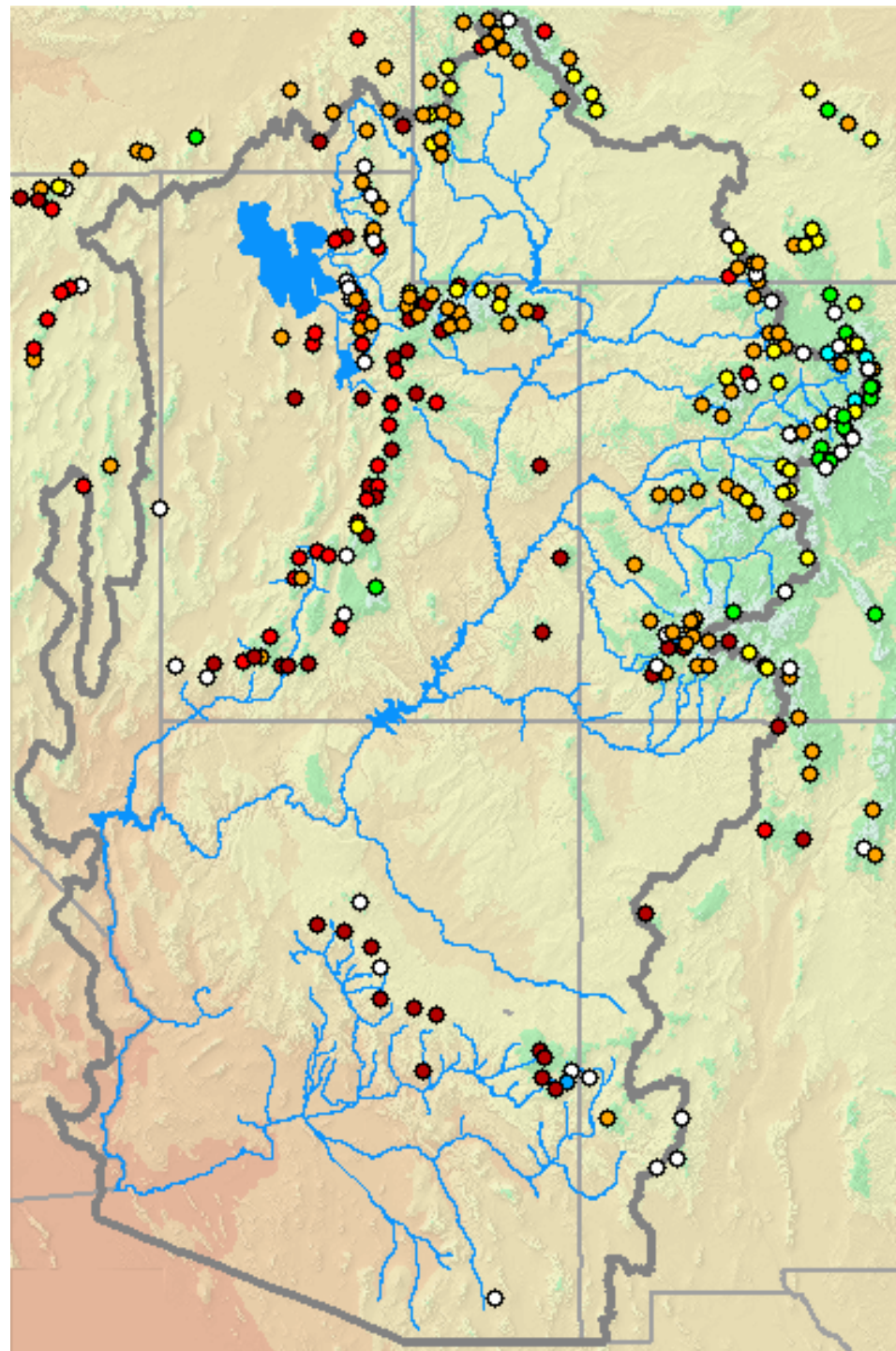
(Averaged by Hydrologic Unit)

% Average



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April 05, 2007



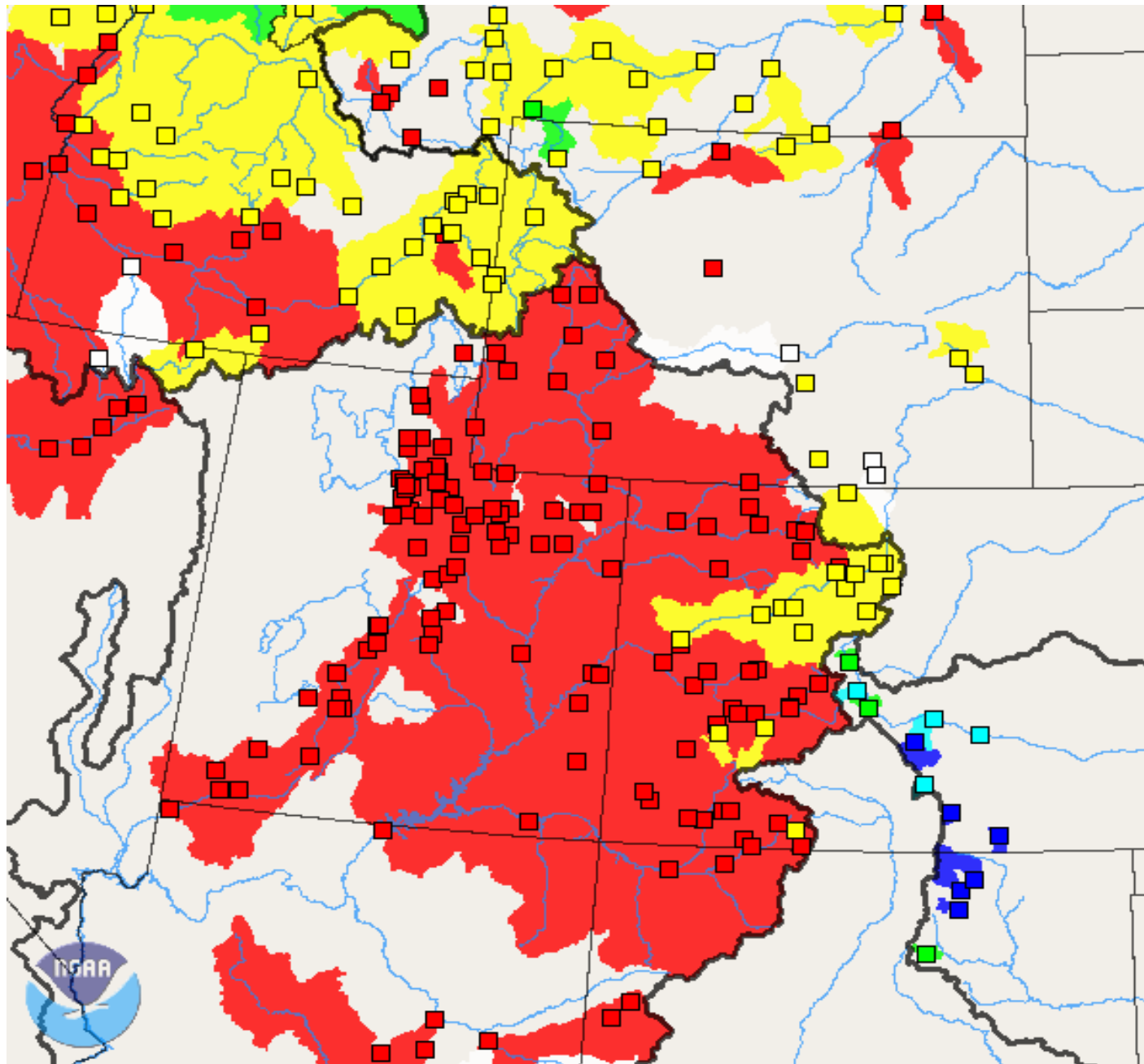
SWE (% Avg)





- No data
- < 25
- 25-50
- 50-75
- 75-90
- 90-110
- 110-125
- 125-150
- 150-175
- > 175

Water Year 2007 Forecasts

Vallecito

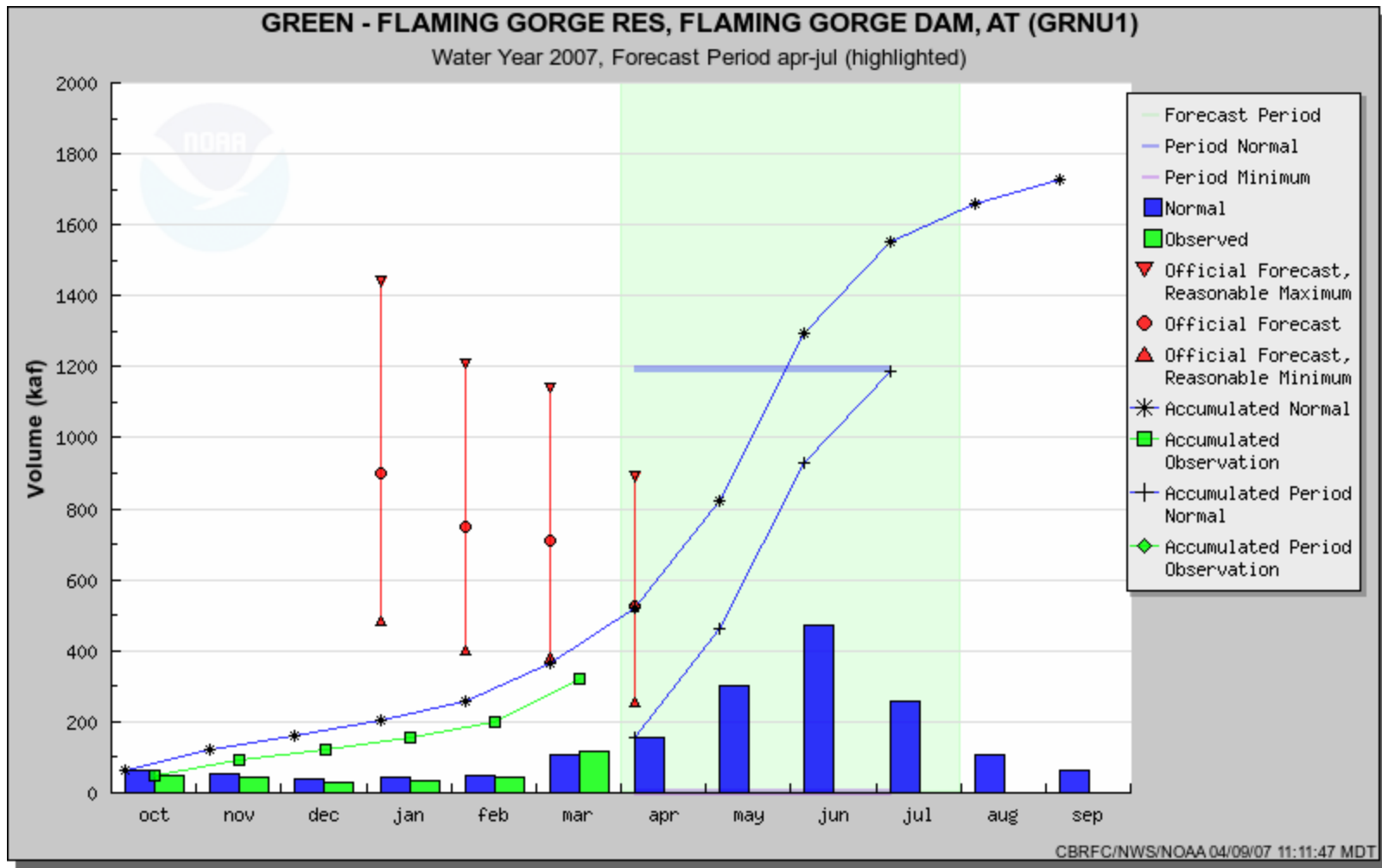
Forecasts as of April 1, 2007



-  Much Below Average (<70)
-  Below Average (70-90)
-  Near Average (90-110)
-  Above Average (110-130)



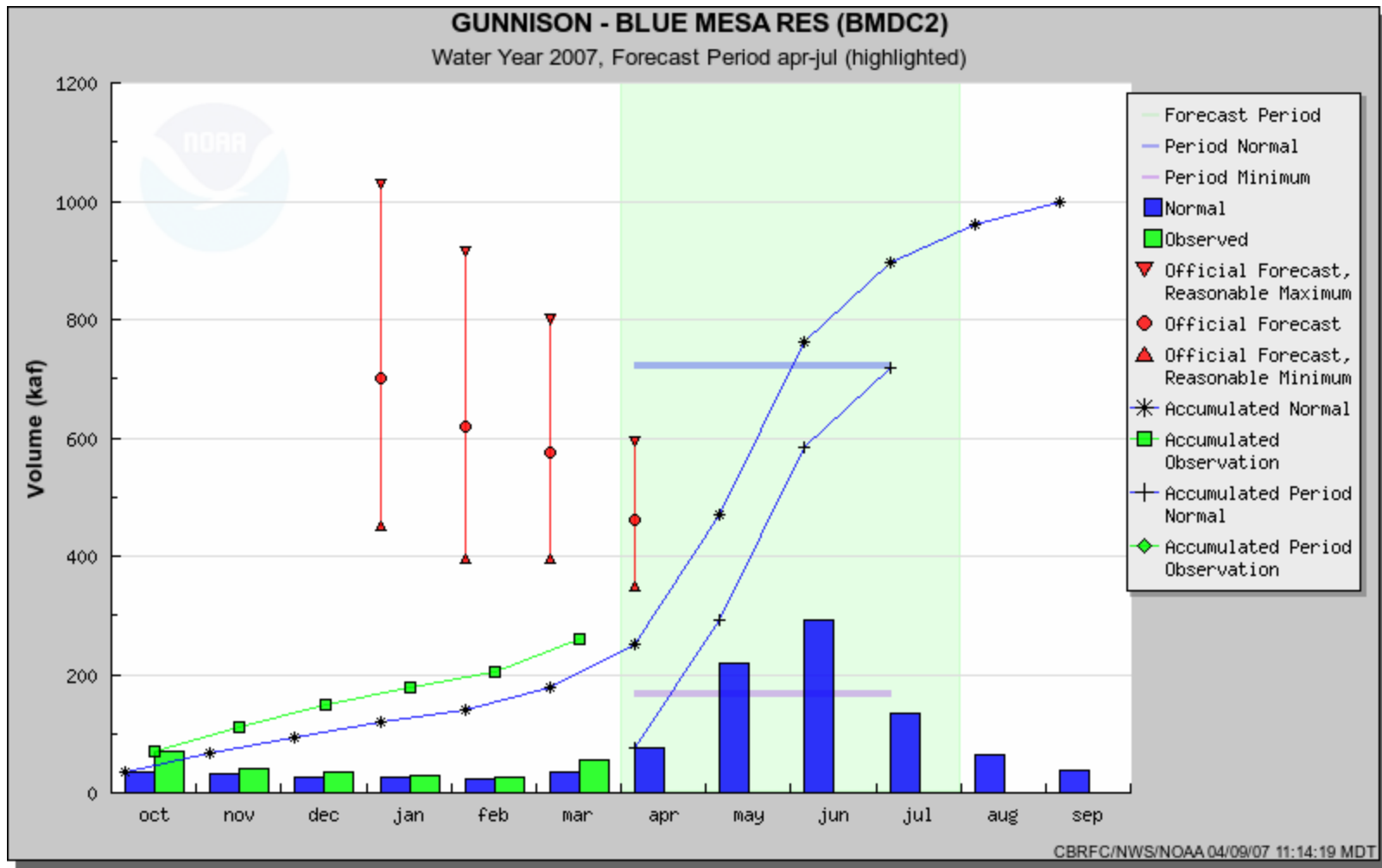
Flaming Gorge



Apr 1 – 525/44% Apr 16 – 525/44%



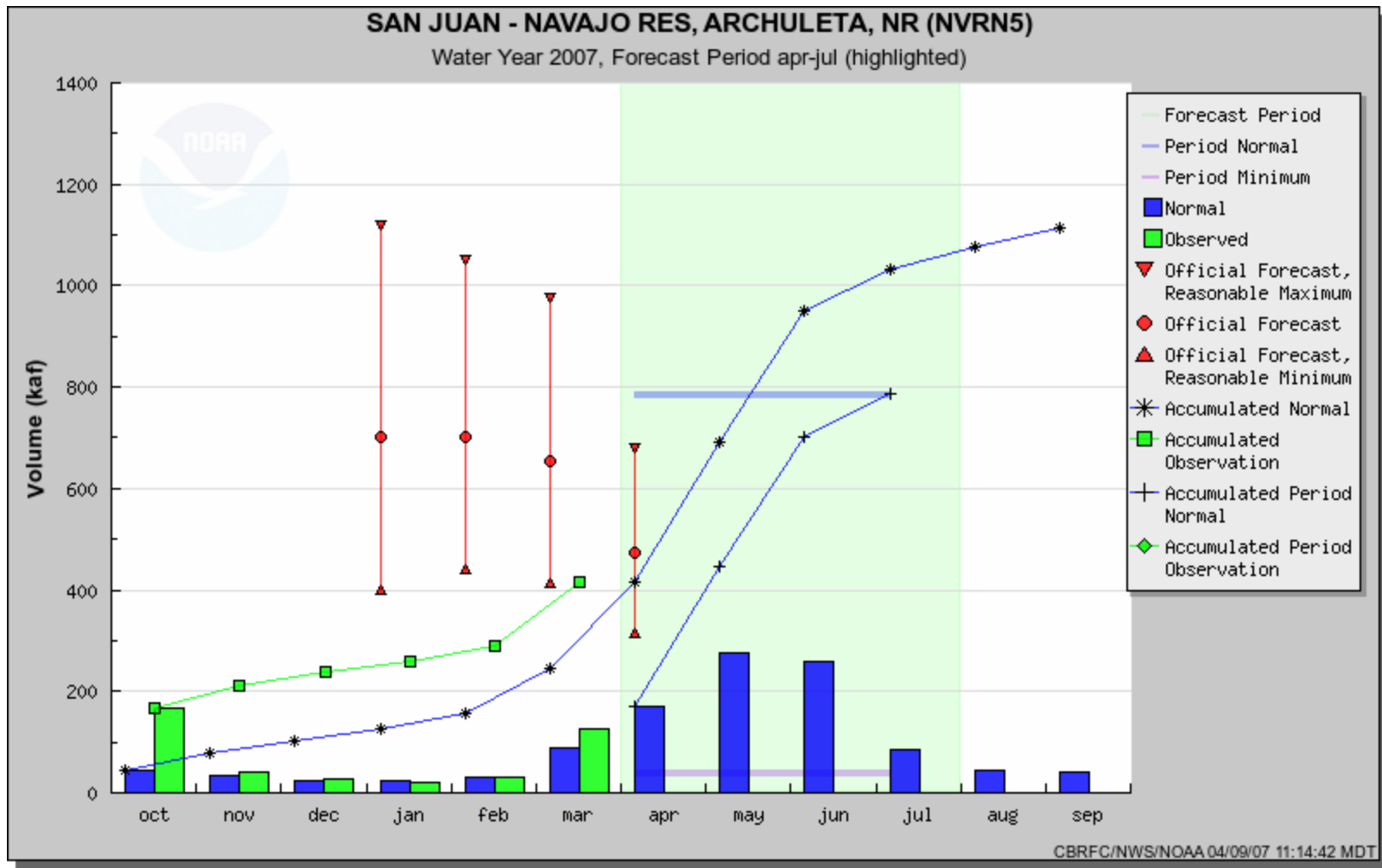
Blue Mesa



Apr 1 – 460/64% Apr 16 – 475/66%



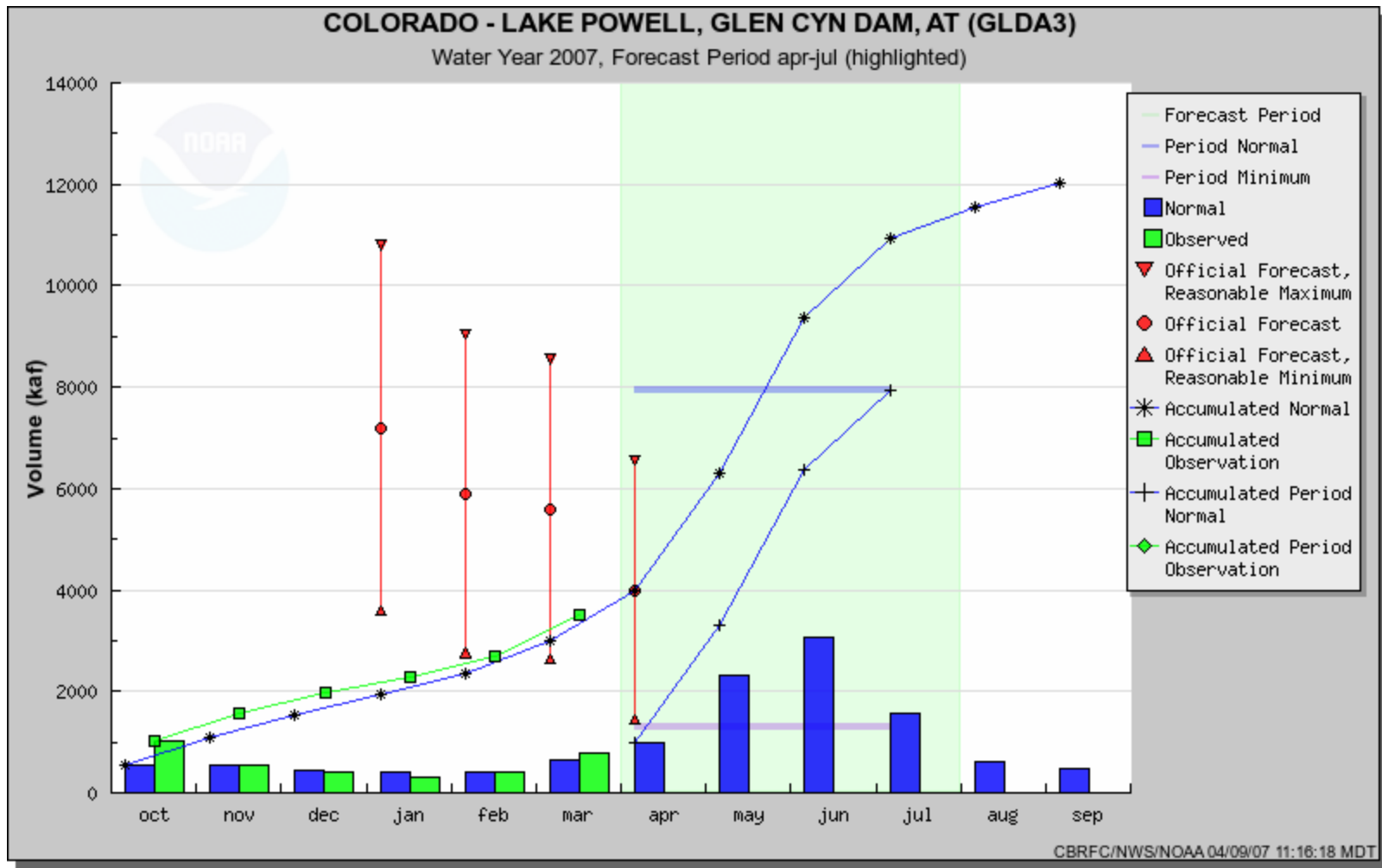
Navajo



Apr 1 – 475/59% Apr 16 – 480/61%



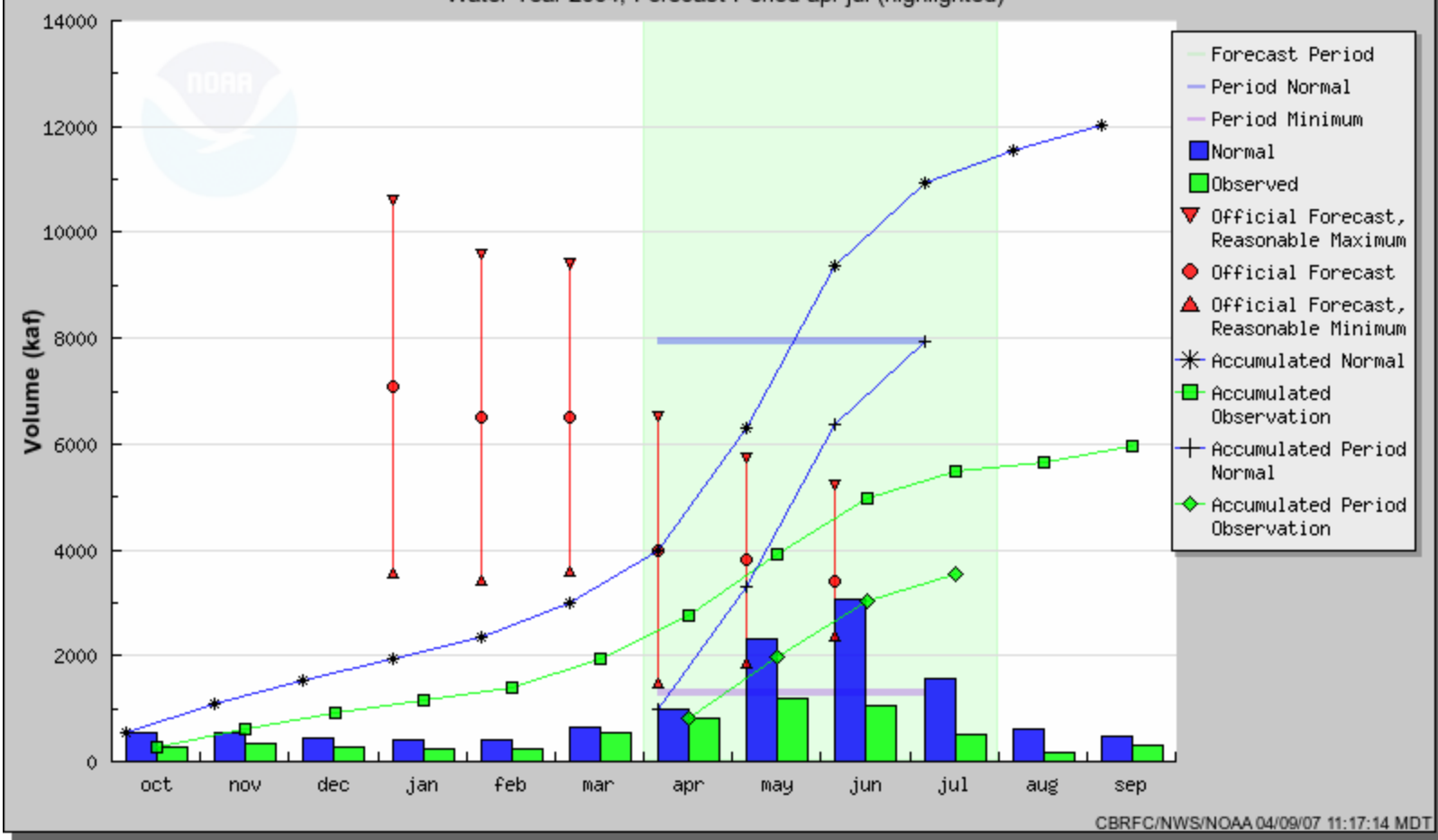
Glen Canyon/Lake Powell



Apr 1 – 4000/50% Apr 16 – 4200/53%

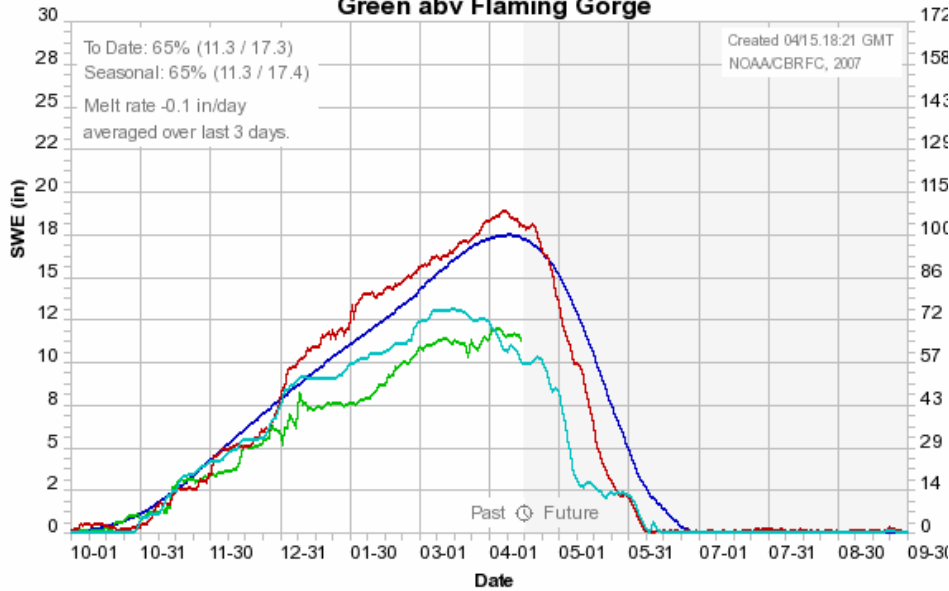
COLORADO - LAKE POWELL, GLEN CYN DAM, AT (GLDA3)

Water Year 2004, Forecast Period apr-jul (highlighted)

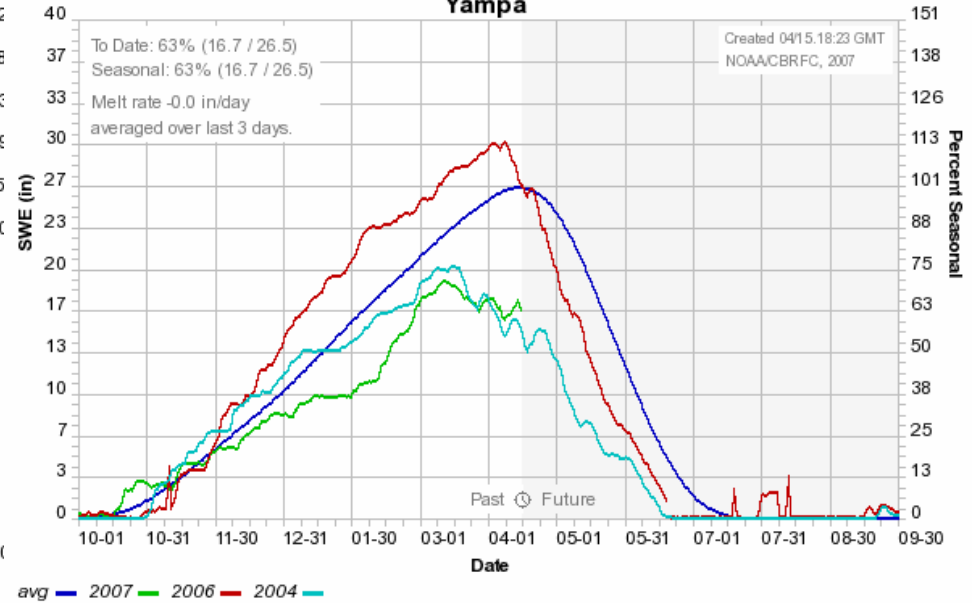


CBRFC/NWS/NOAA 04/09/07 11:17:14 MDT

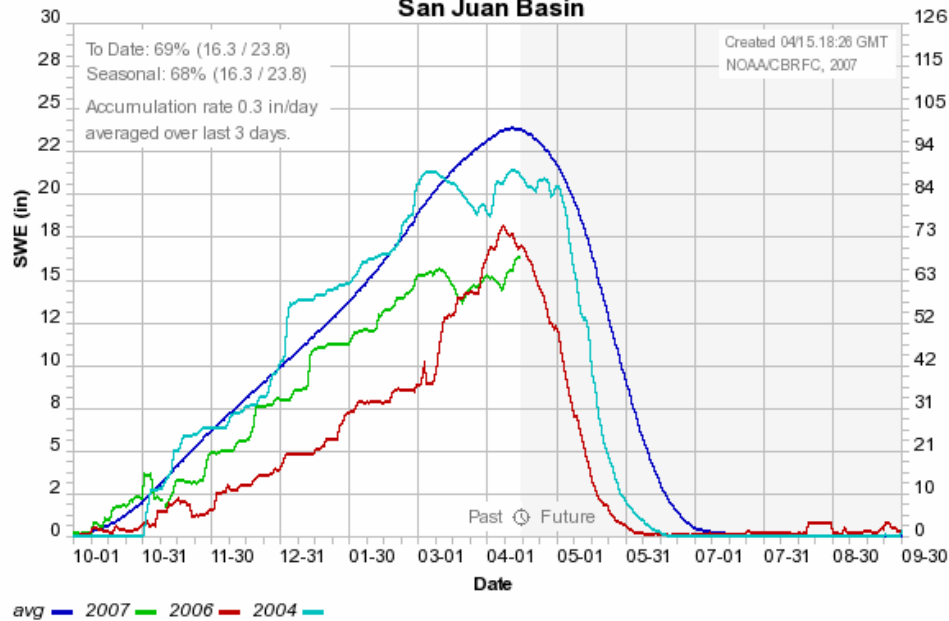
**Colorado Basin River Forecast Center
Green abv Flaming Gorge**



**Colorado Basin River Forecast Center
Yampa**

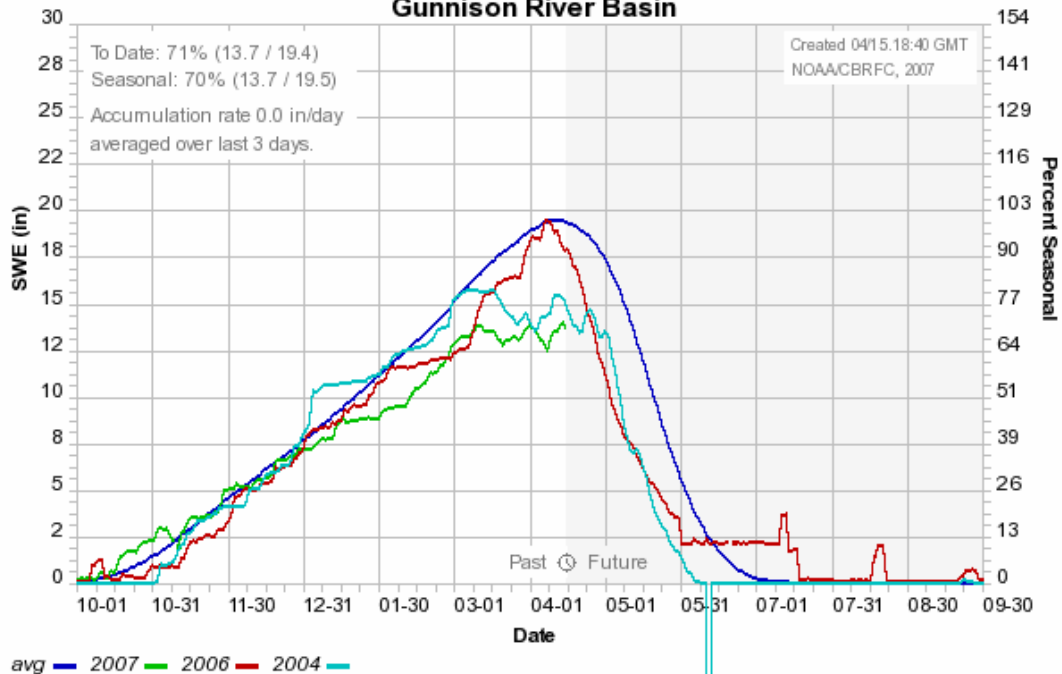


**Colorado Basin River Forecast Center
San Juan Basin**

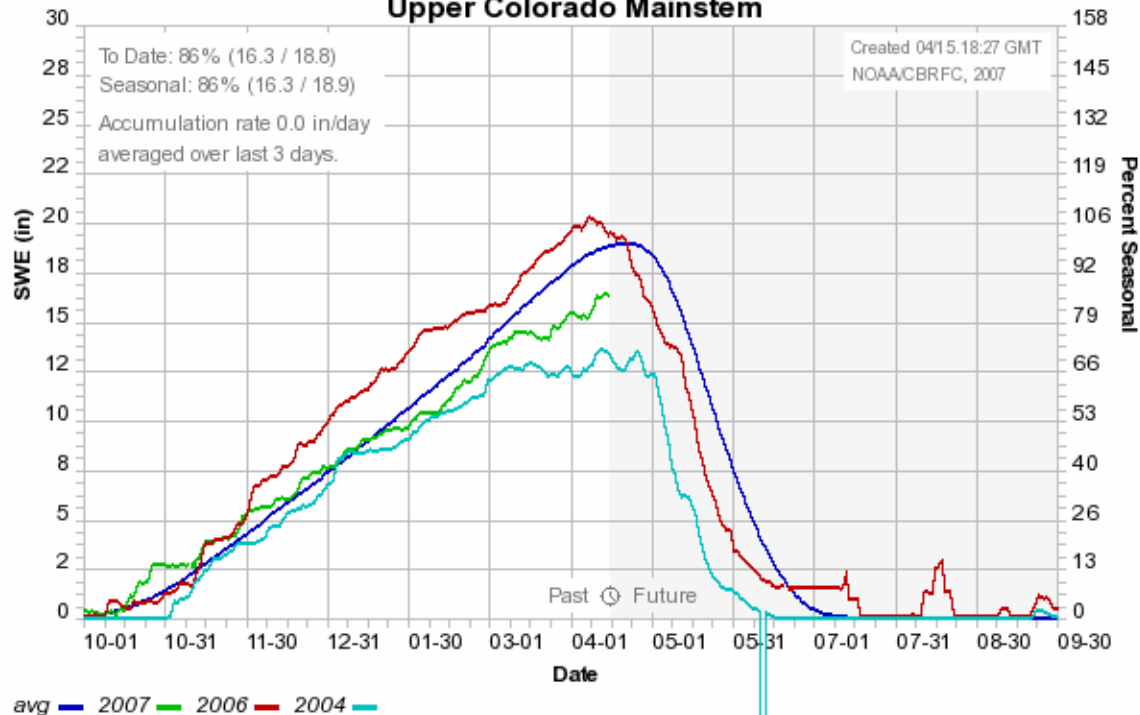


April 15, 2007

Colorado Basin River Forecast Center Gunnison River Basin

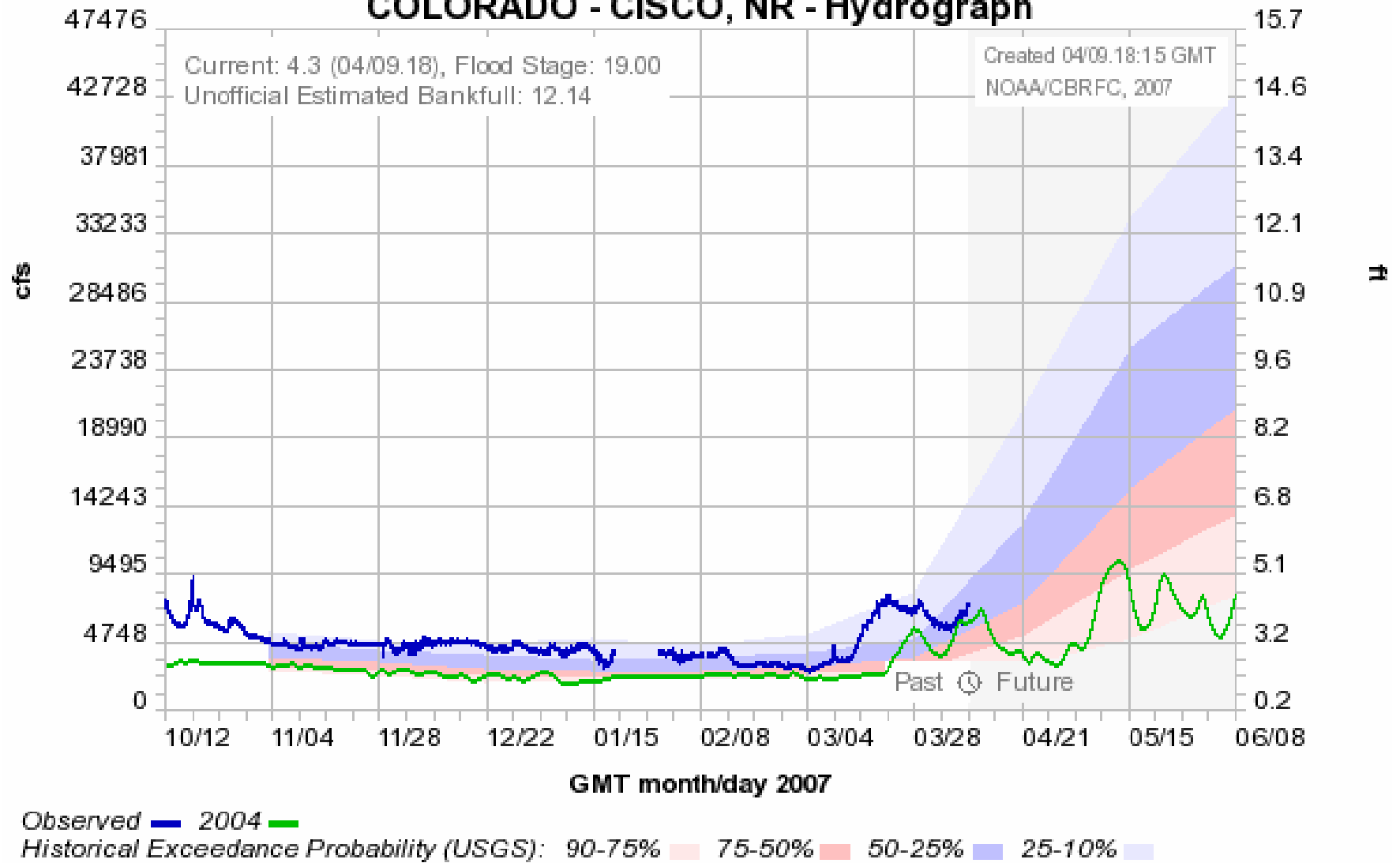


Colorado Basin River Forecast Center Upper Colorado Mainstem

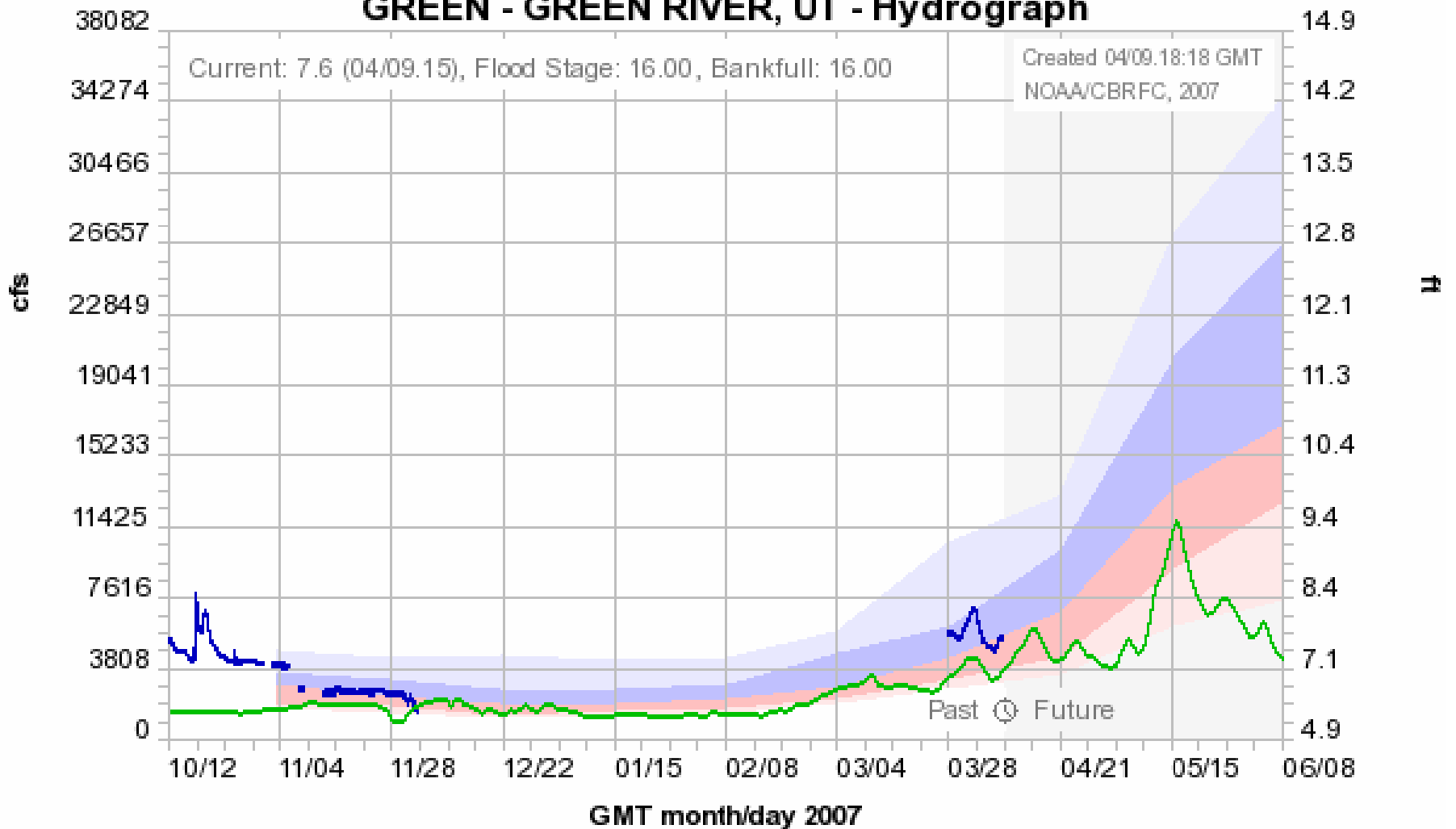


April 15, 2007

Colorado Basin River Forecast Center COLORADO - CISCO, NR - Hydrograph



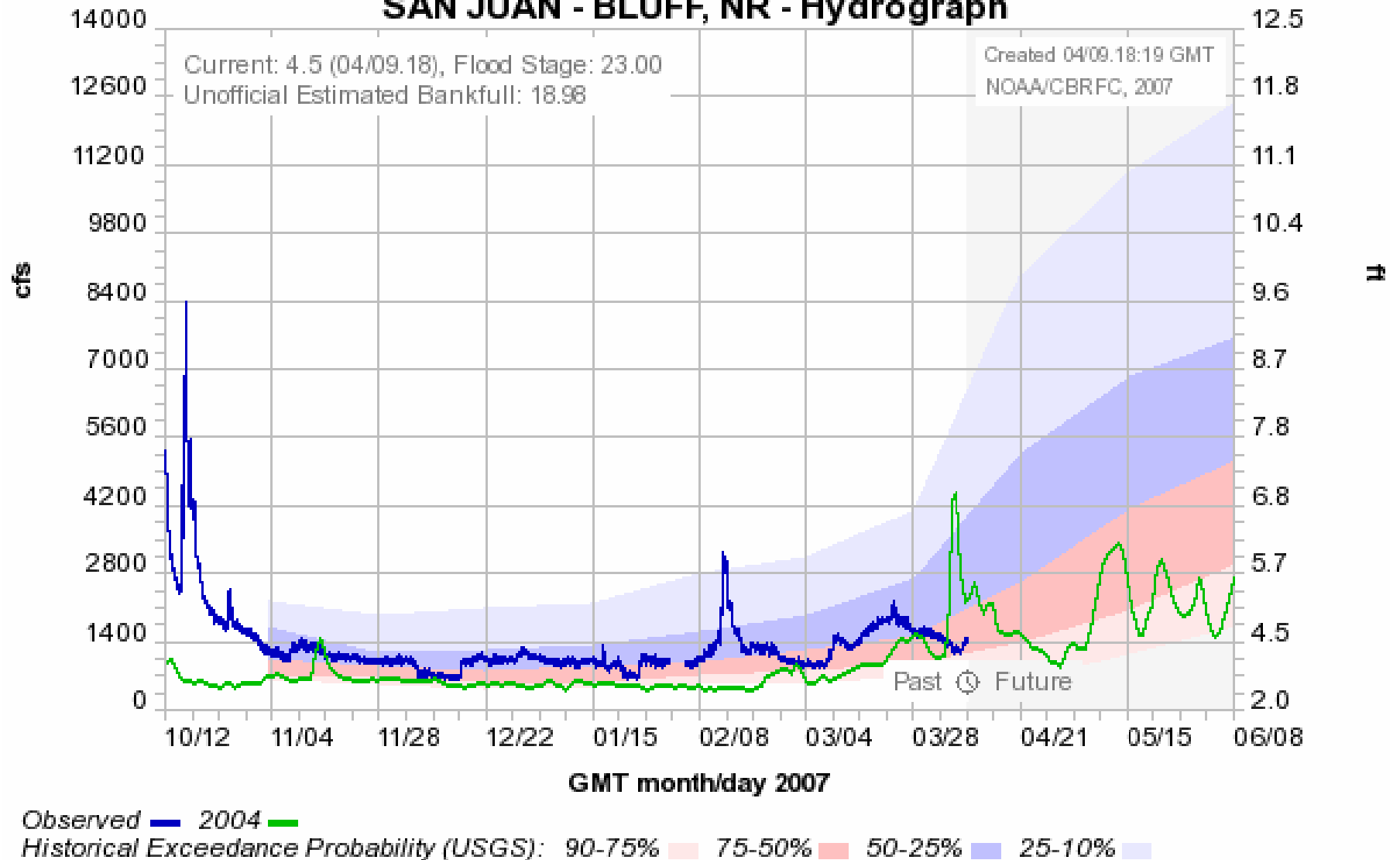
Colorado Basin River Forecast Center GREEN - GREEN RIVER, UT - Hydrograph



Observed — 2004 —

Historical Exceedance Probability (USGS): 90-75% ■ 75-50% ■ 50-25% ■ 25-10% ■

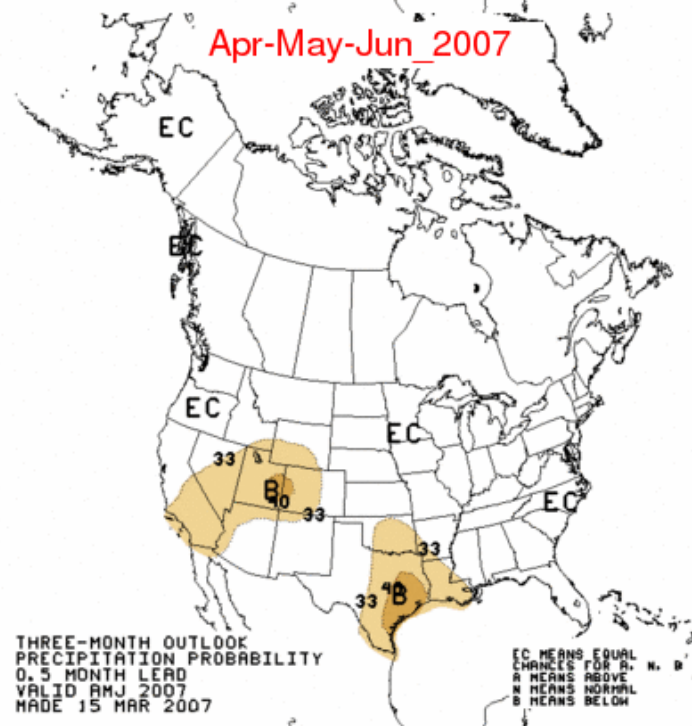
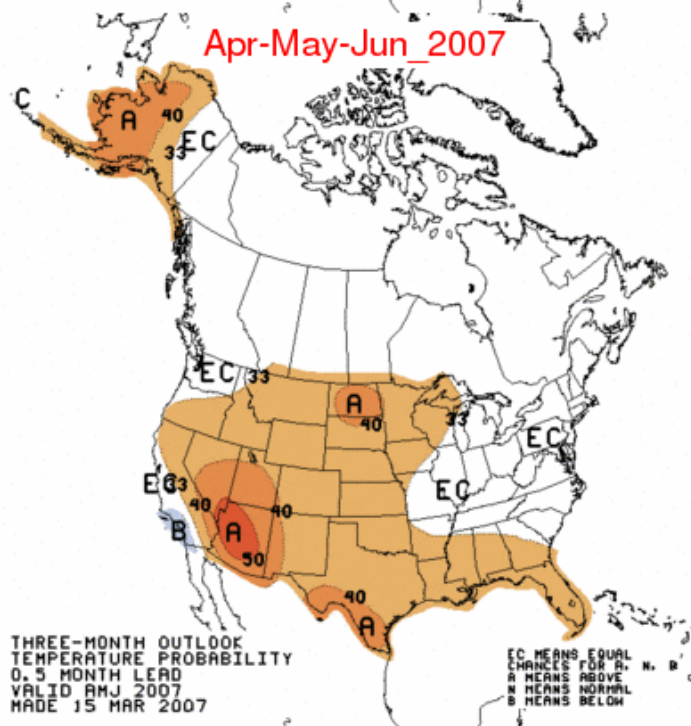
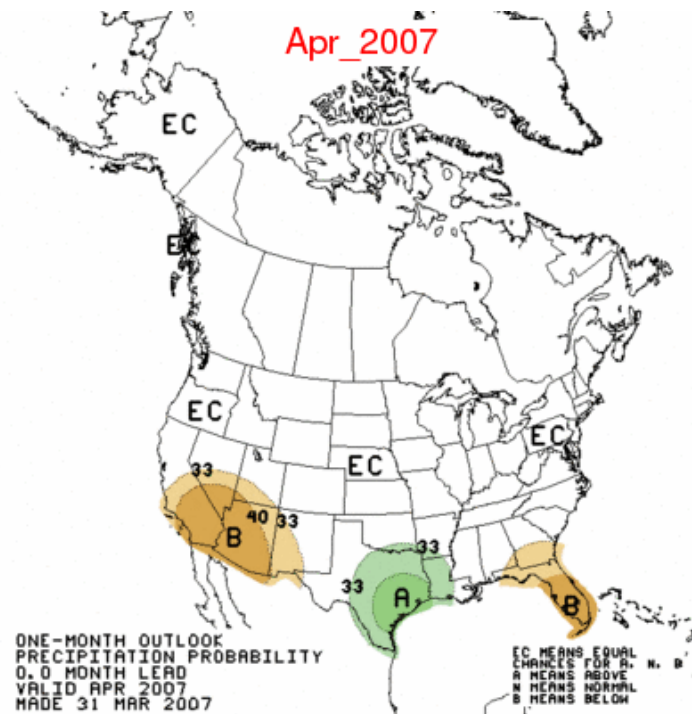
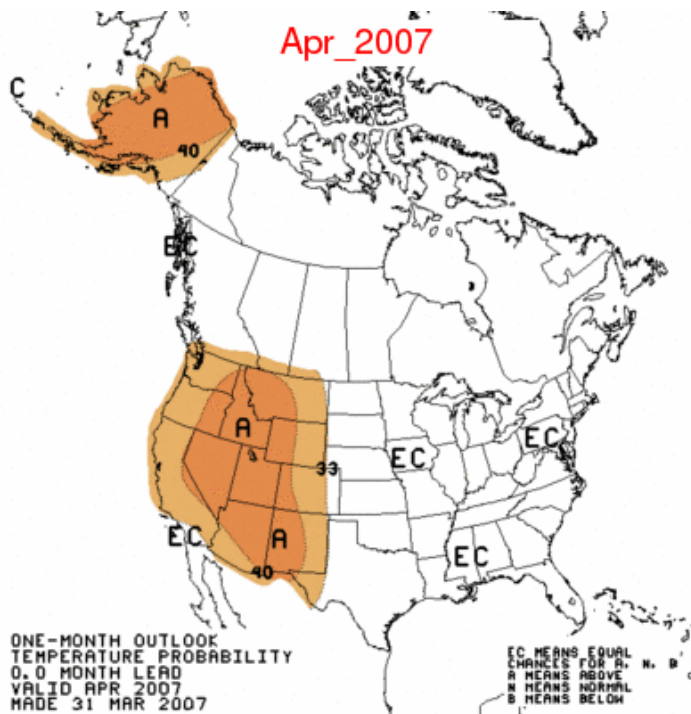
Colorado Basin River Forecast Center SAN JUAN - BLUFF, NR - Hydrograph

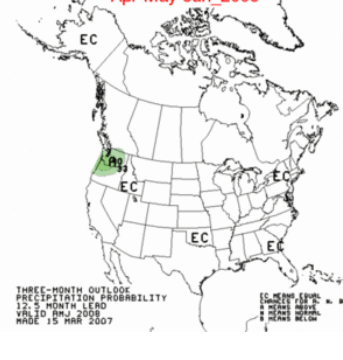
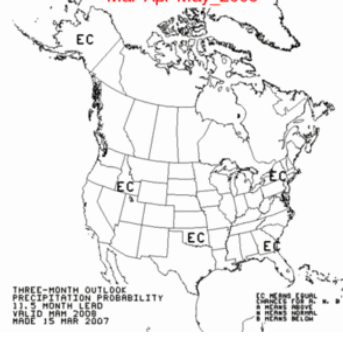
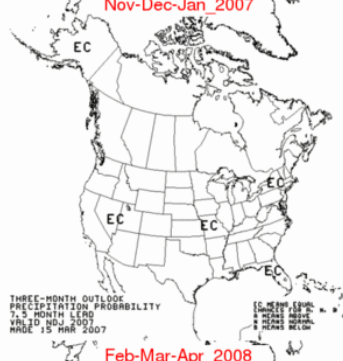
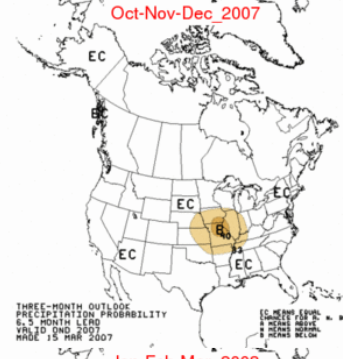
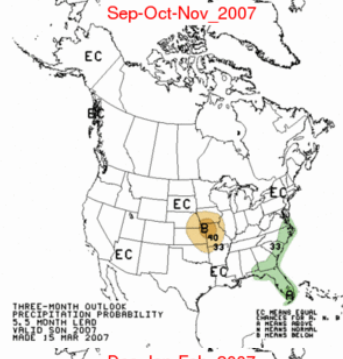
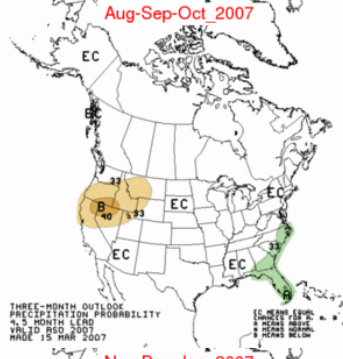
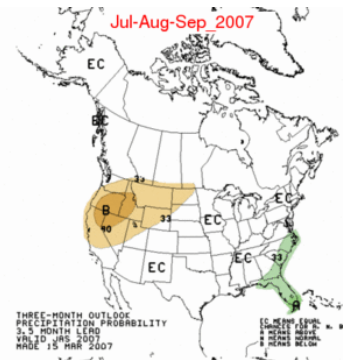
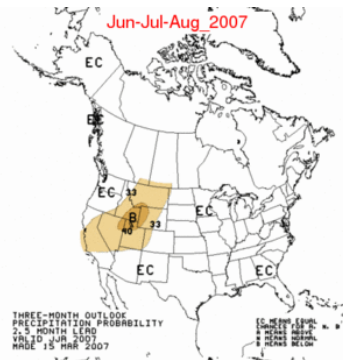
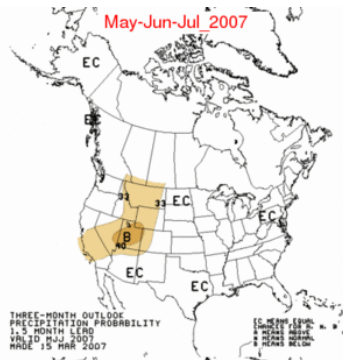




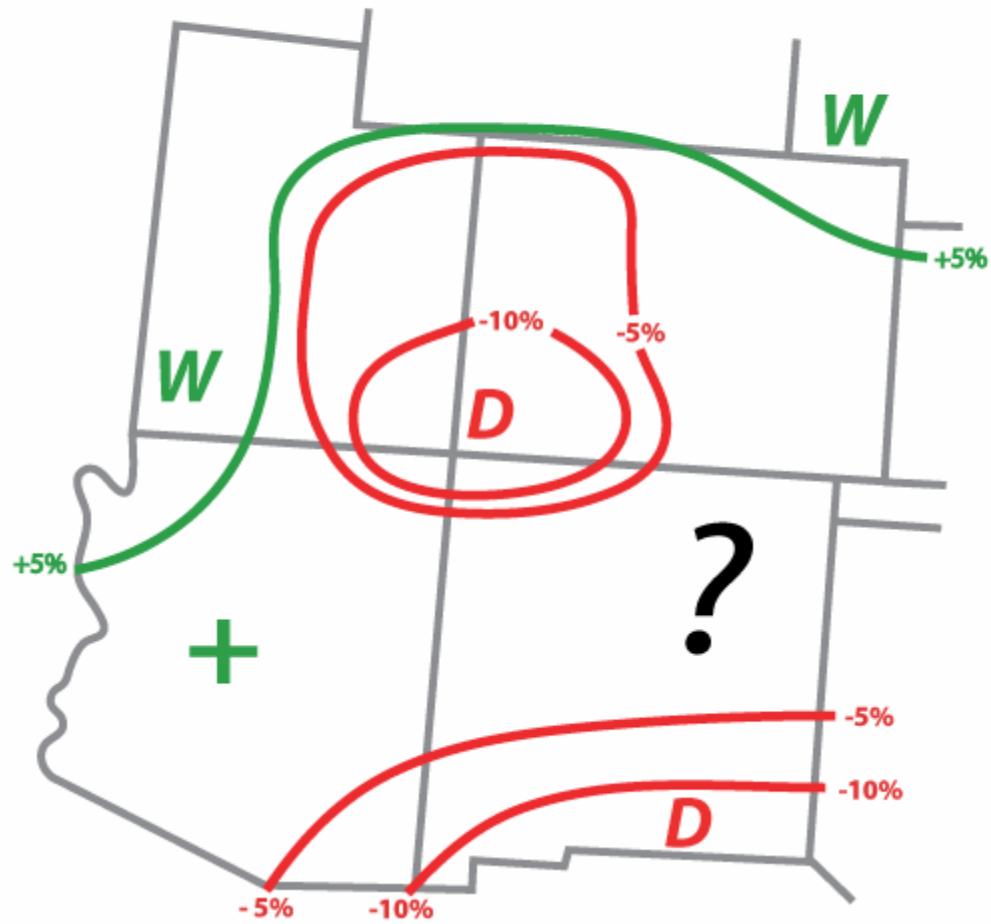
Summary

- The tropical Pacific is currently in an ENSO-neutral state.
- SST anomalies remain near-zero in the central equatorial Pacific and below average in the eastern equatorial Pacific.
- A majority of the statistical and coupled model forecasts indicate SST anomalies will become increasingly negative during the next 3 months.
- Subsurface conditions and recent CFS forecasts indicate a possible transition to La Niña conditions within the next 3 months.





**EXPERIMENTAL PSD PRECIPITATION FORECAST GUIDANCE
APR - JUN 2007 (issued March 14, 2007)**



EXPERIMENTAL PSD PRECIPITATION FORECAST GUIDANCE
JUL - SEP 2007 (issued March 23, 2007)

