



CBRFC Presentation to the CRFS meeting November 14th 2006

Grand Falls on Little Colorado about 40 miles northeast of Flagstaff (late July 2006)

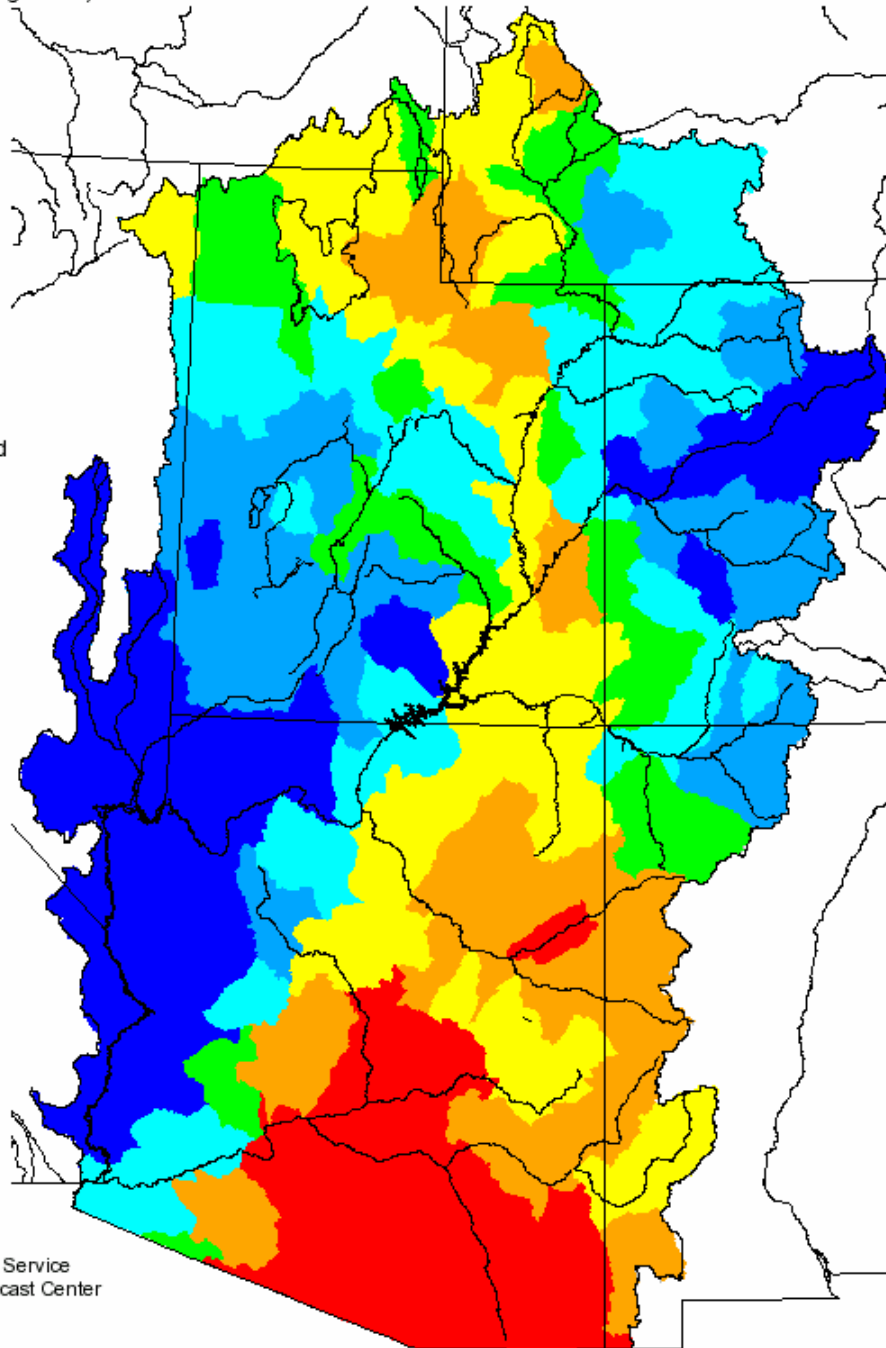
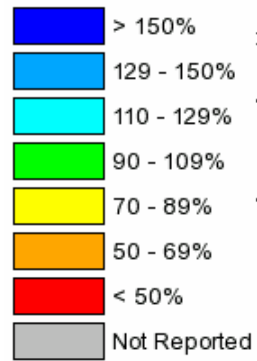
Water Year 2006 Precipitation



Monthly Precipitation for October 2005

(Averaged by Hydrologic Unit)

% Average

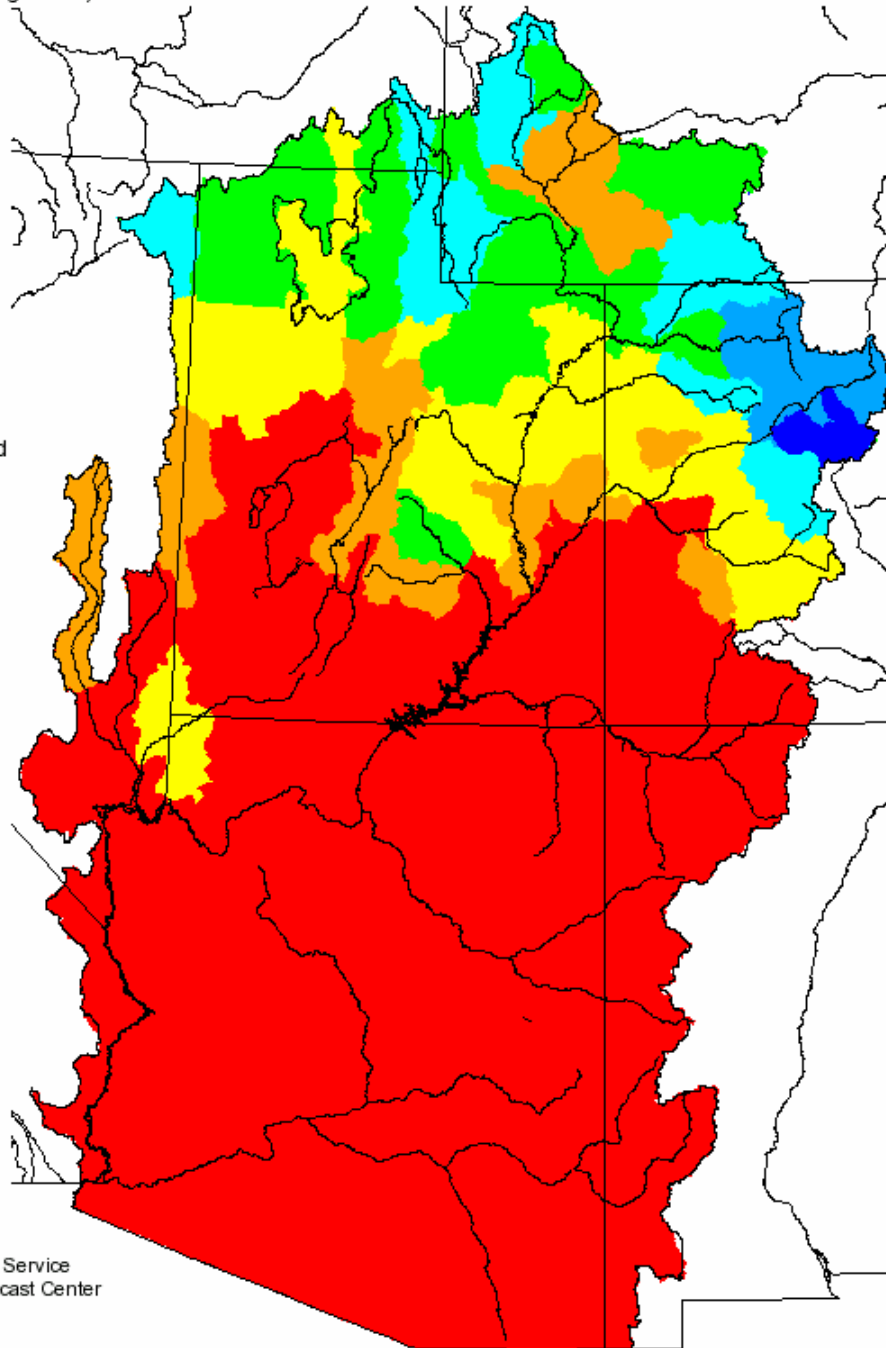
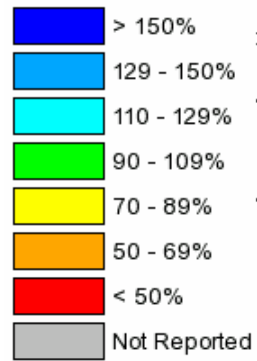


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Monthly Precipitation for November 2005

(Averaged by Hydrologic Unit)

% Average

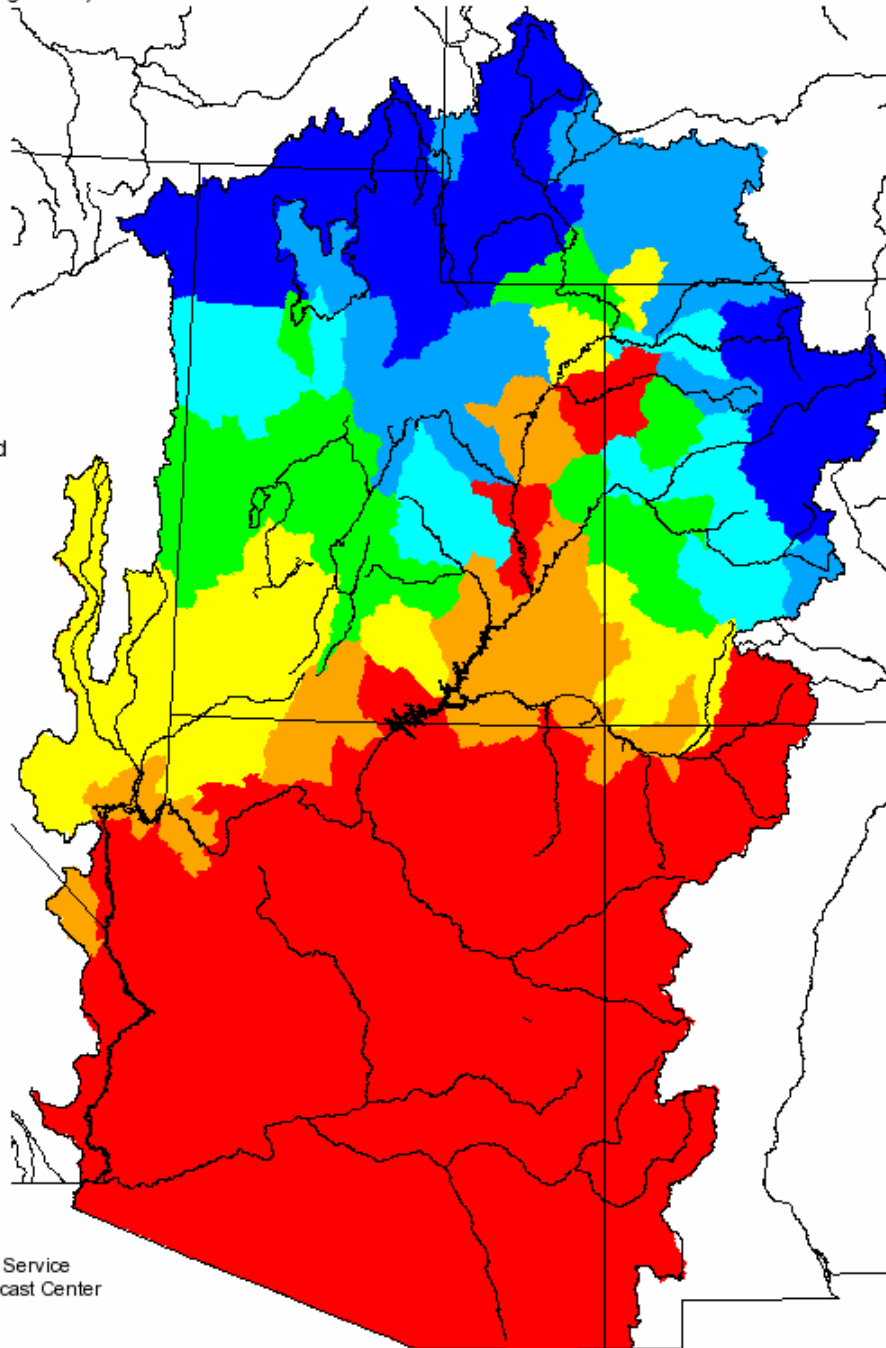
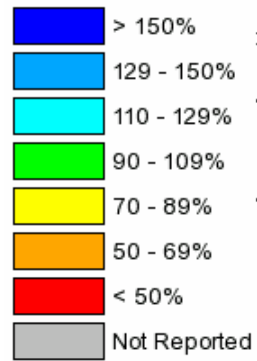


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Monthly Precipitation for December 2005

(Averaged by Hydrologic Unit)

% Average

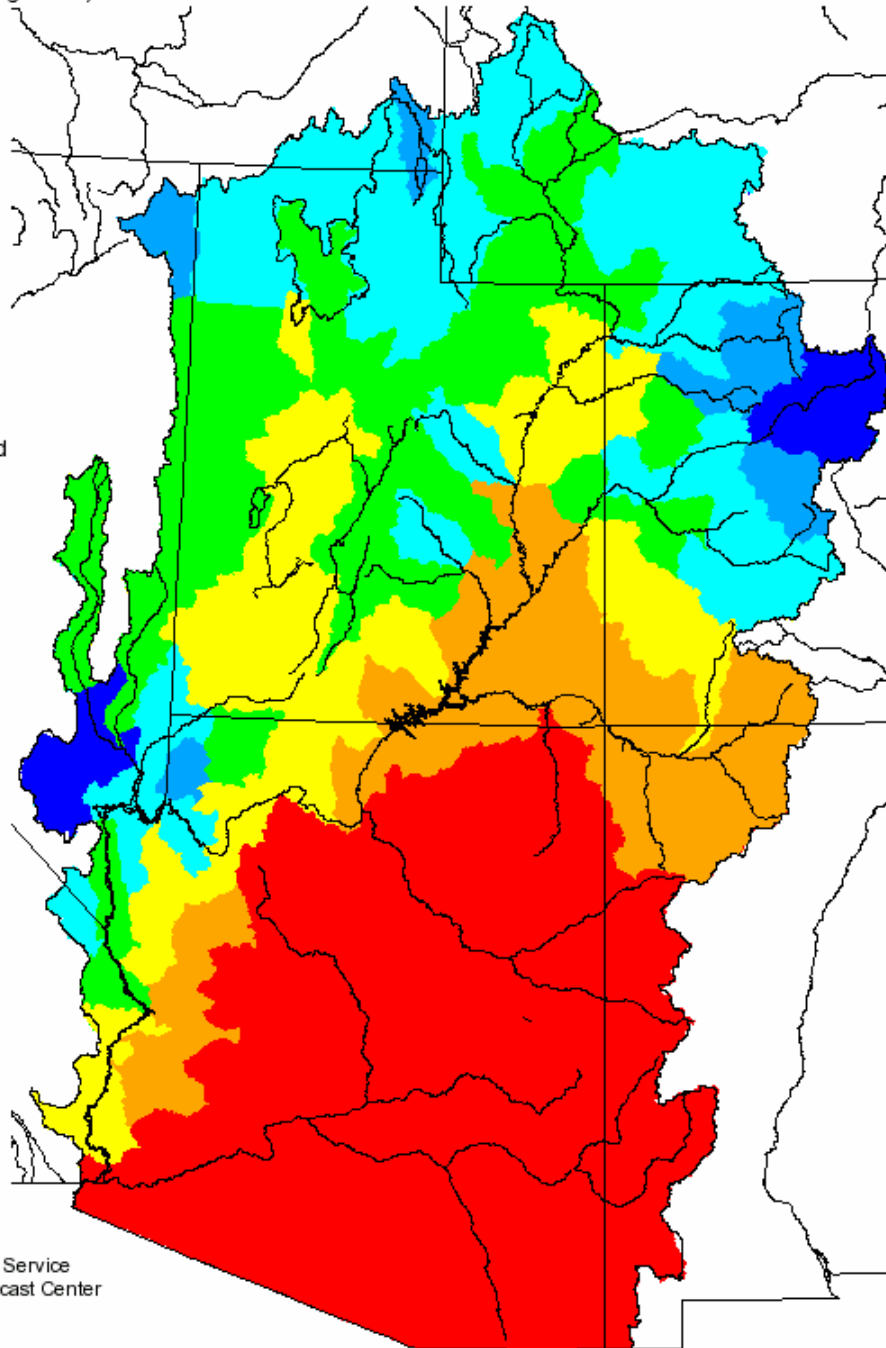
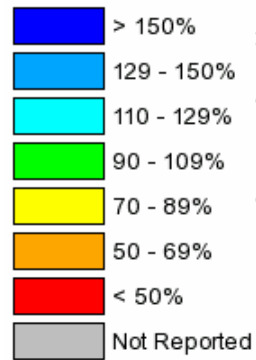


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Seasonal Precipitation, October 2005 - December 2005

(Averaged by Hydrologic Unit)

% Average

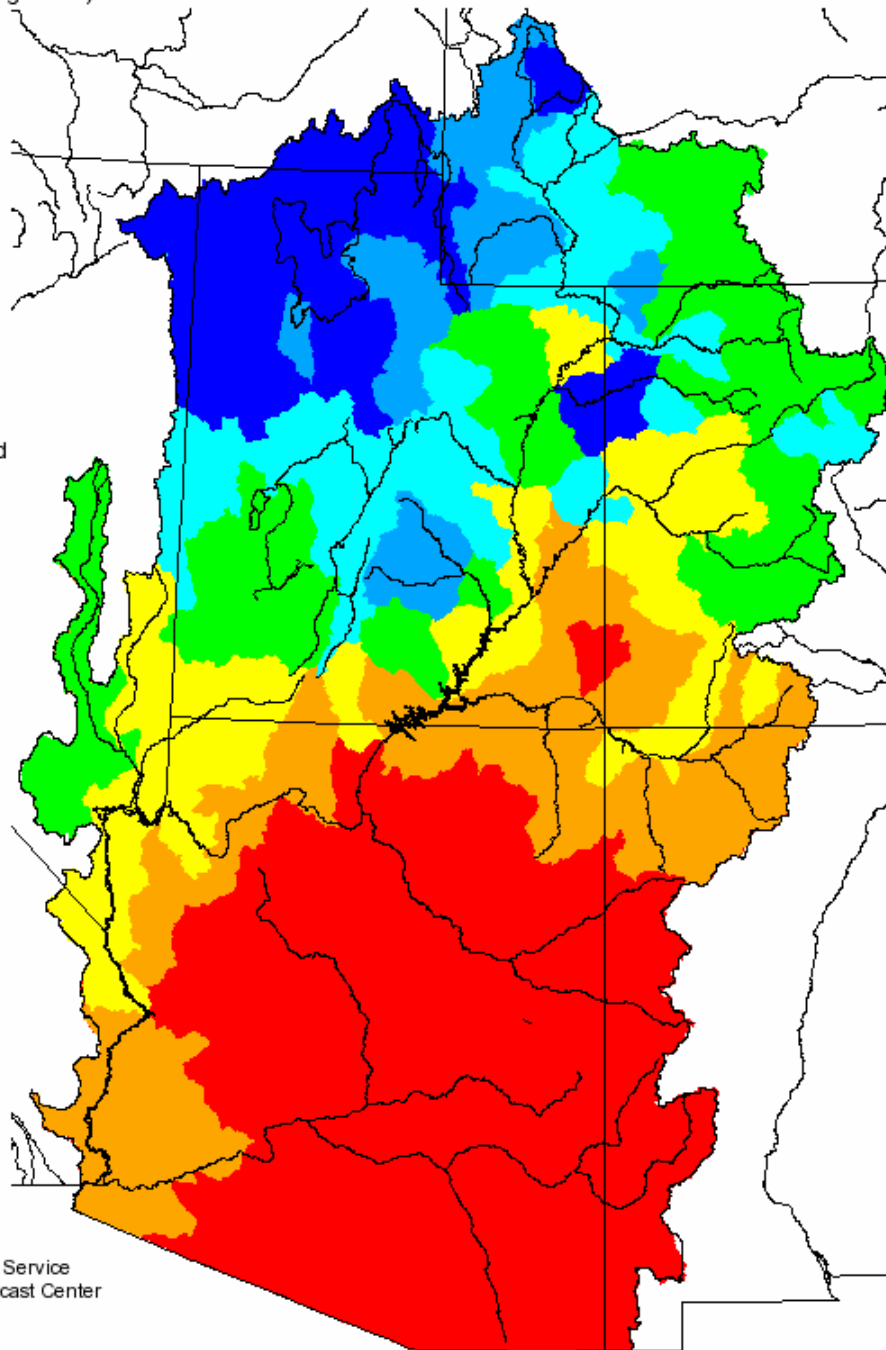
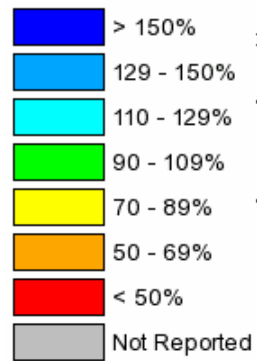


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Monthly Precipitation for January 2006

(Averaged by Hydrologic Unit)

% Average

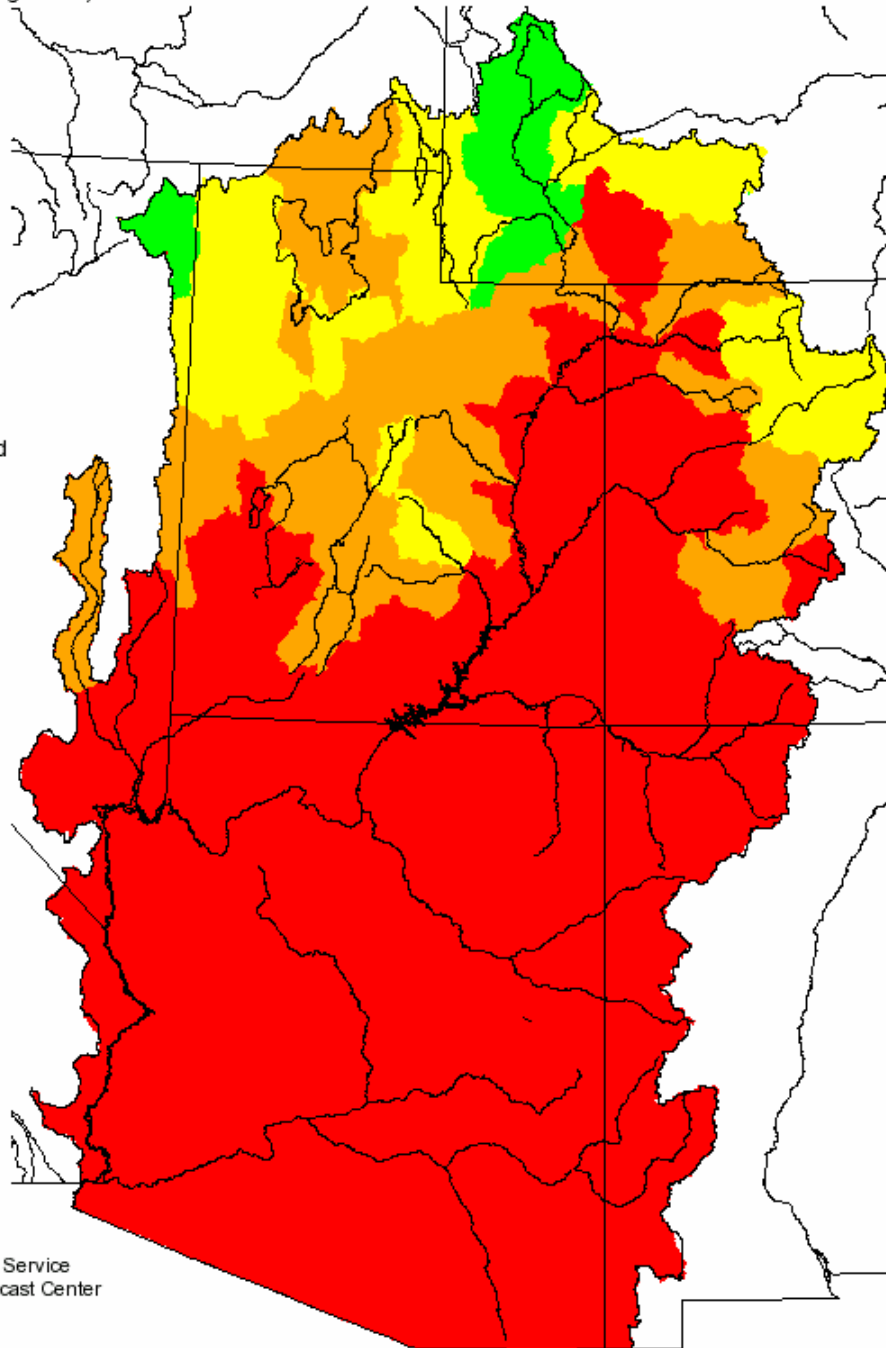
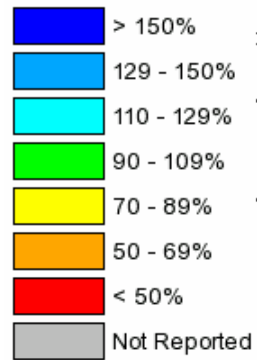


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Monthly Precipitation for February 2006

(Averaged by Hydrologic Unit)

% Average

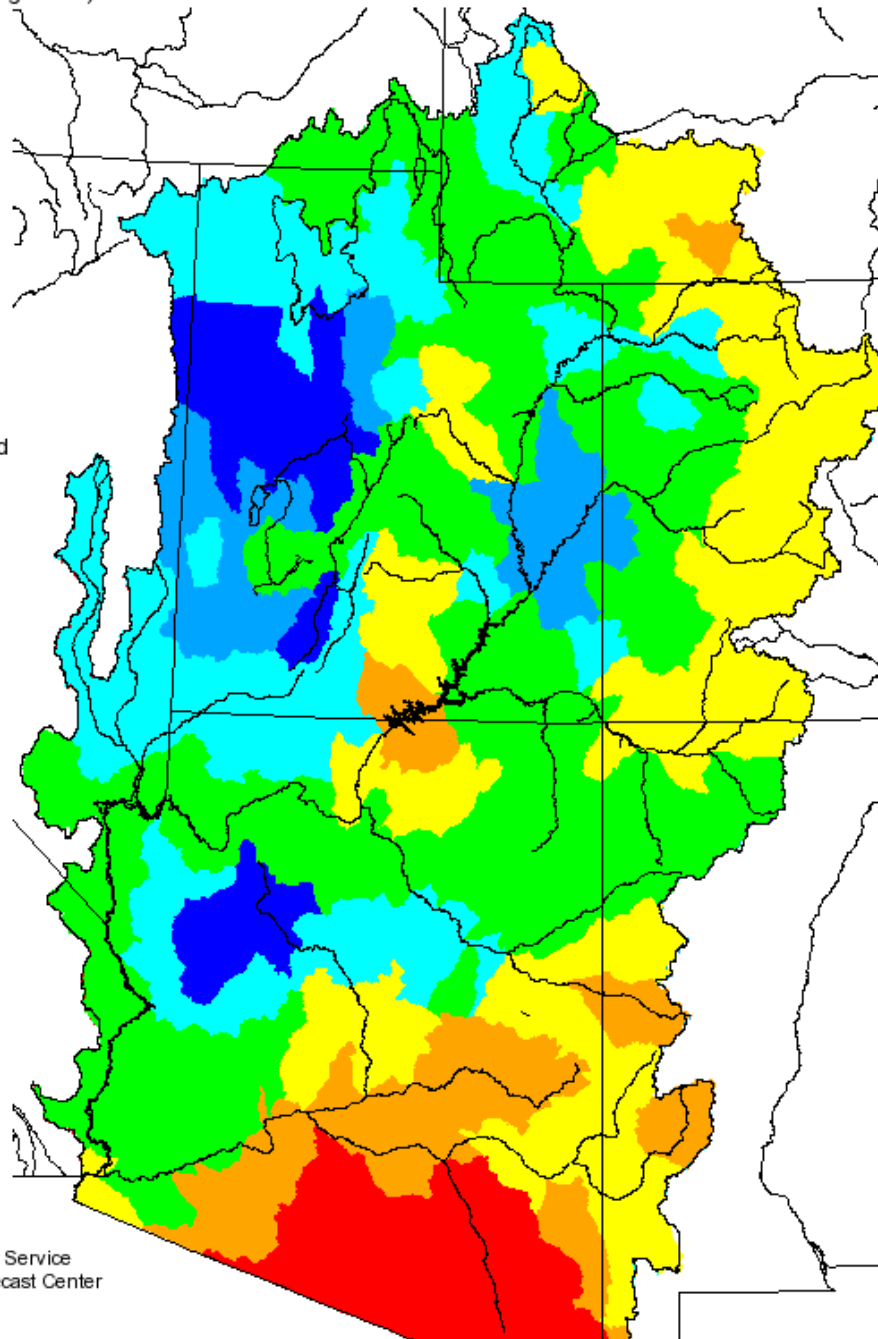
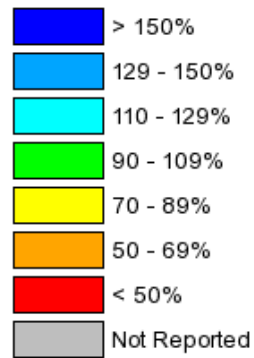


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Monthly Precipitation for March 2005

(Averaged by Hydrologic Unit)

% Average

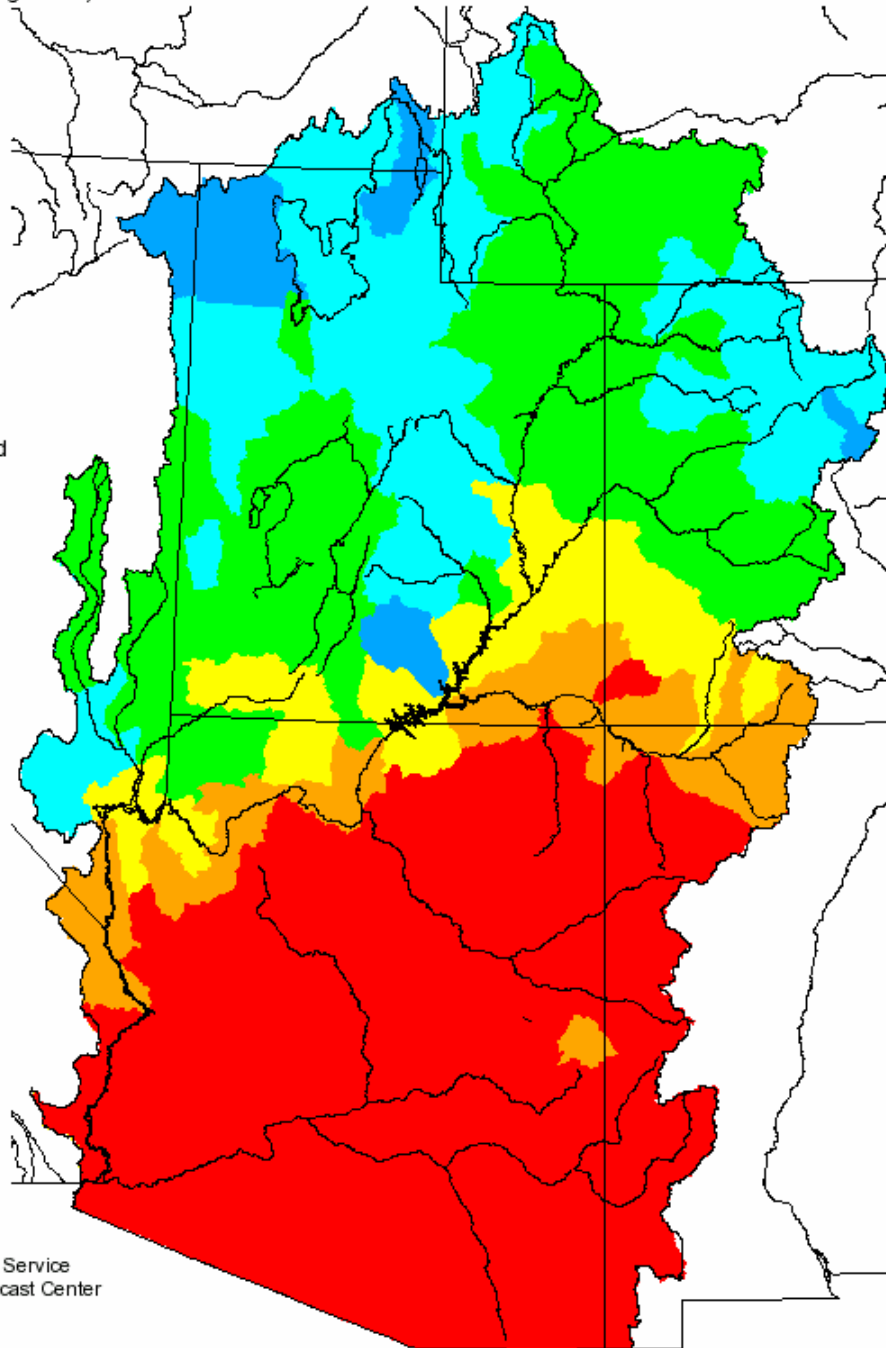
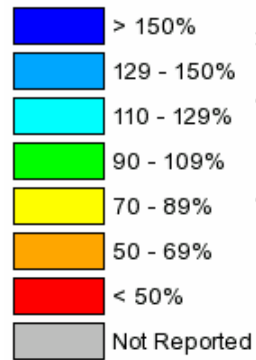


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Seasonal Precipitation, October 2005 - March 2006

(Averaged by Hydrologic Unit)

% Average

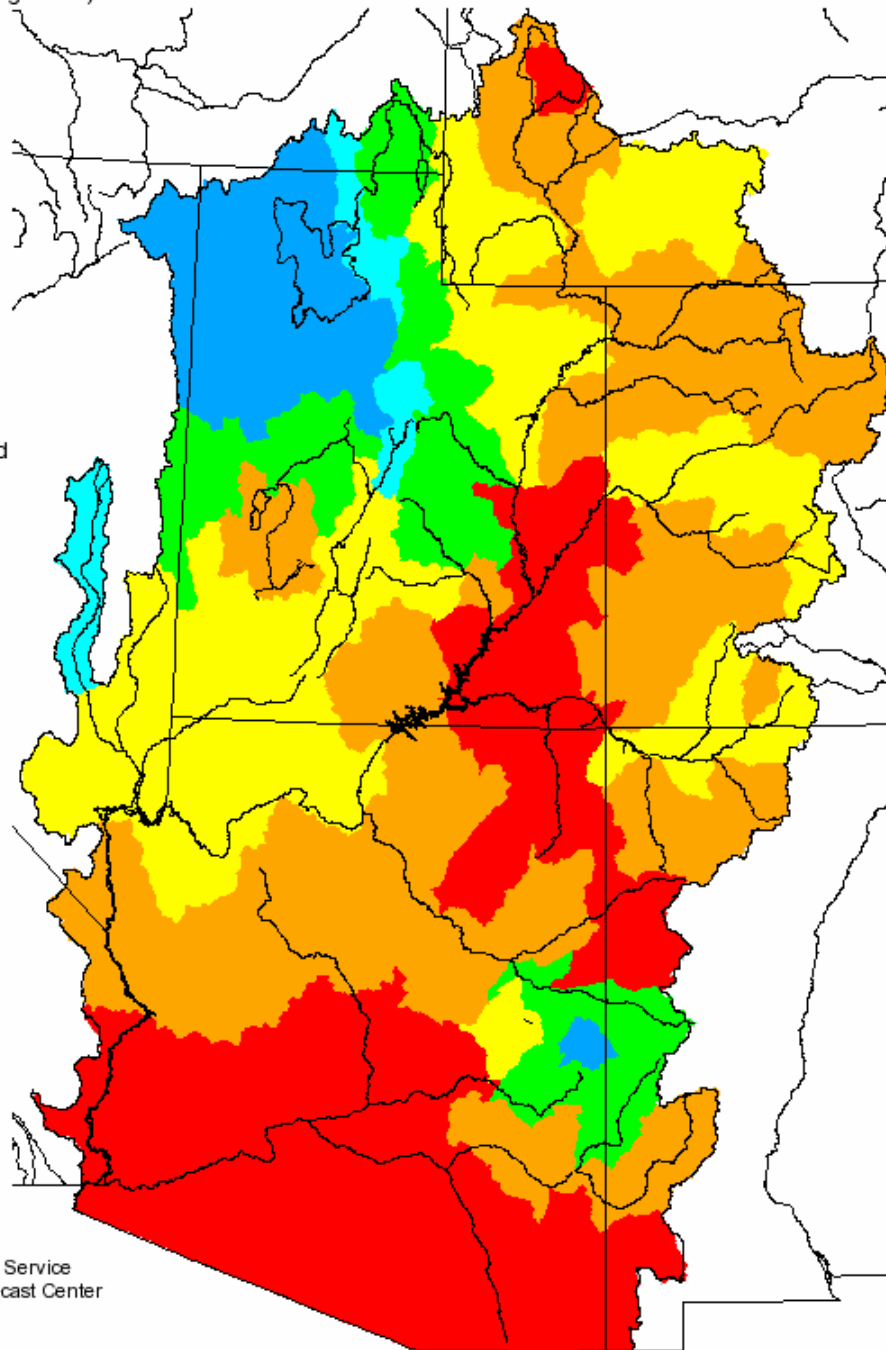
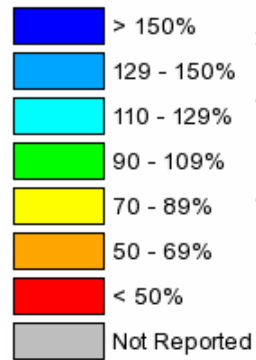


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Monthly Precipitation for April 2006

(Averaged by Hydrologic Unit)

% Average

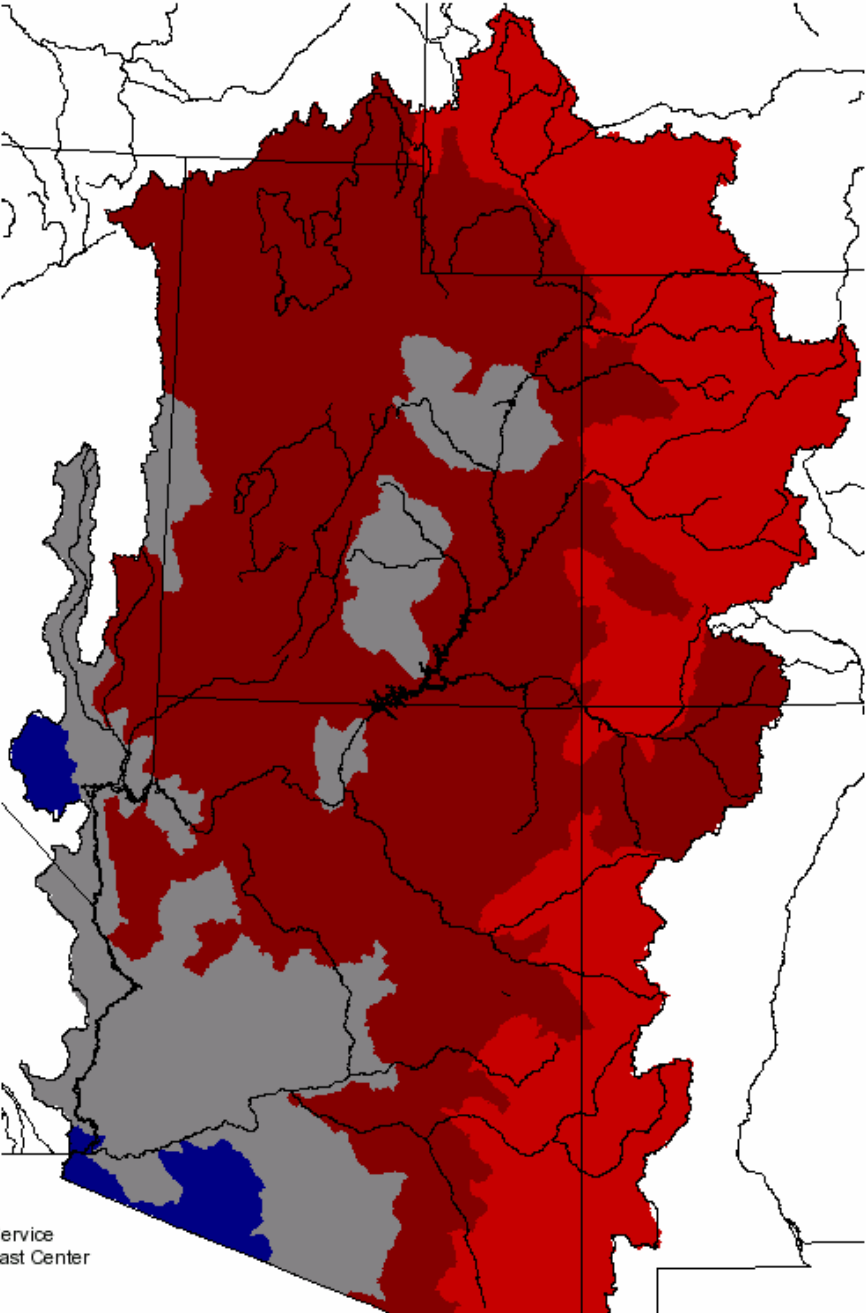


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Monthly Max Temp Deviation for April 2006

(Averaged by Hydrologic Unit)

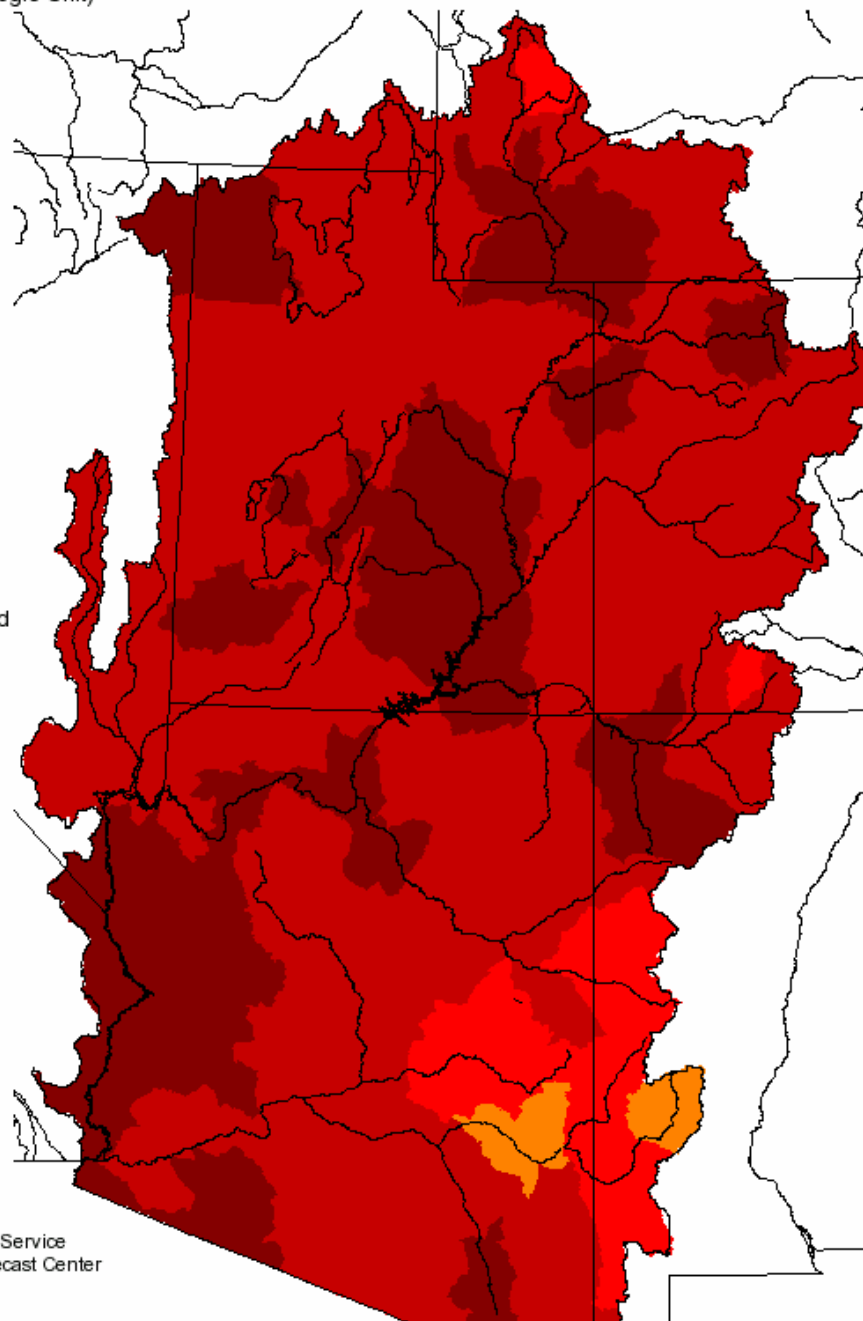
Degrees (F)



Monthly Min Temp Deviation for April 2006

(Averaged by Hydrologic Unit)

Degrees (F)

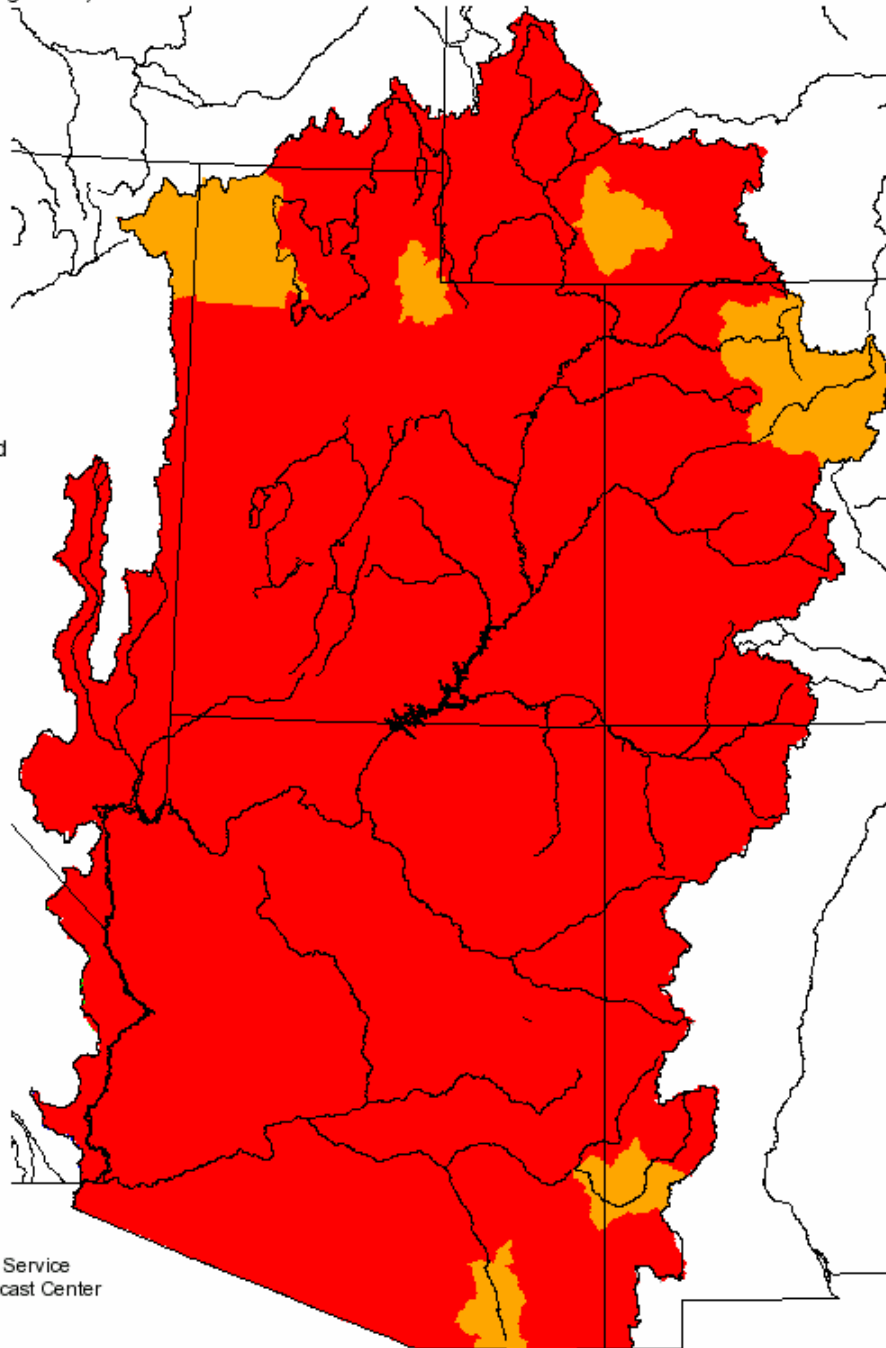
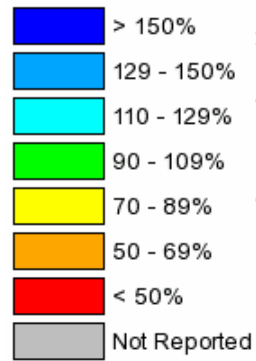


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Monthly Precipitation for May 2006

(Averaged by Hydrologic Unit)

% Average

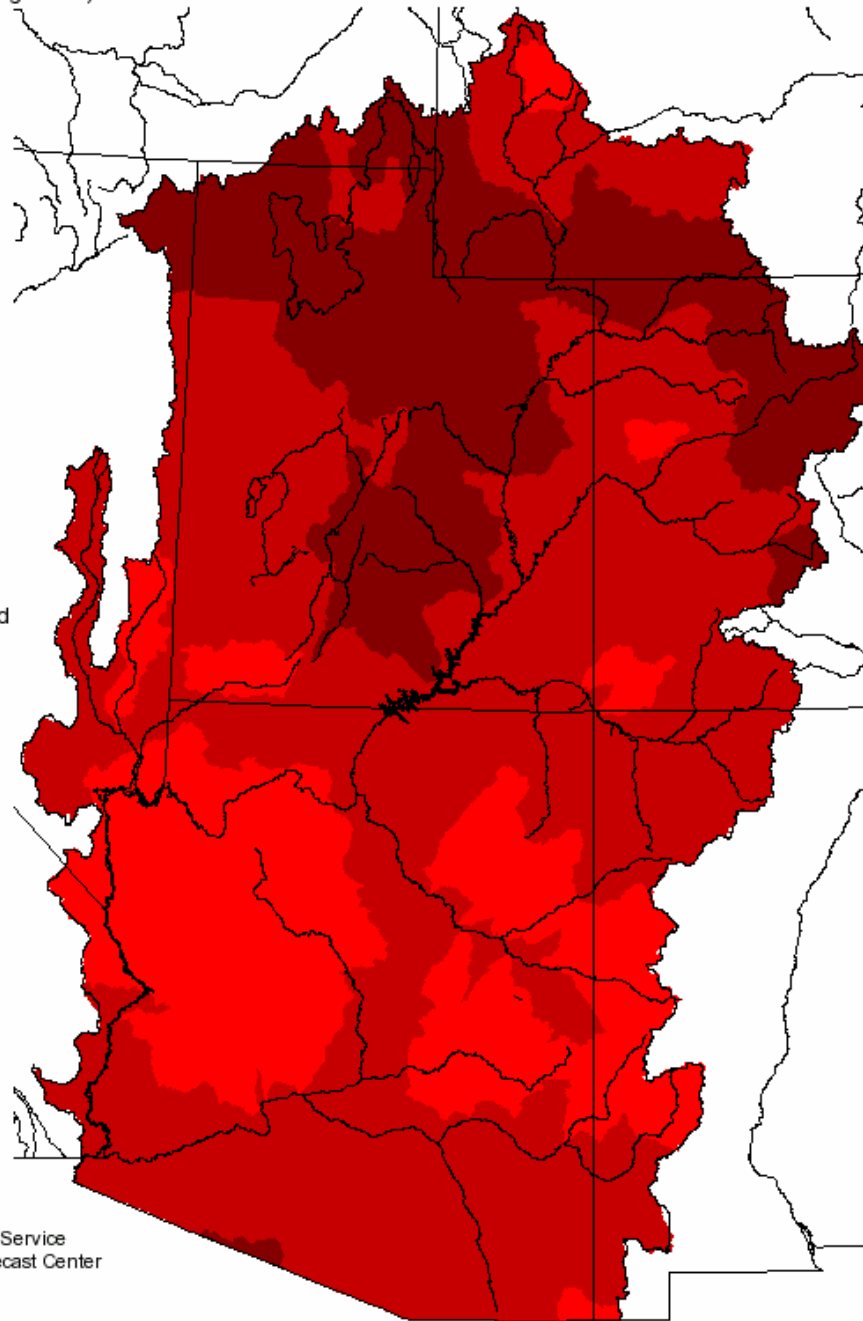


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Monthly Max Temp Deviation for May 2006

(Averaged by Hydrologic Unit)

Degrees (F)

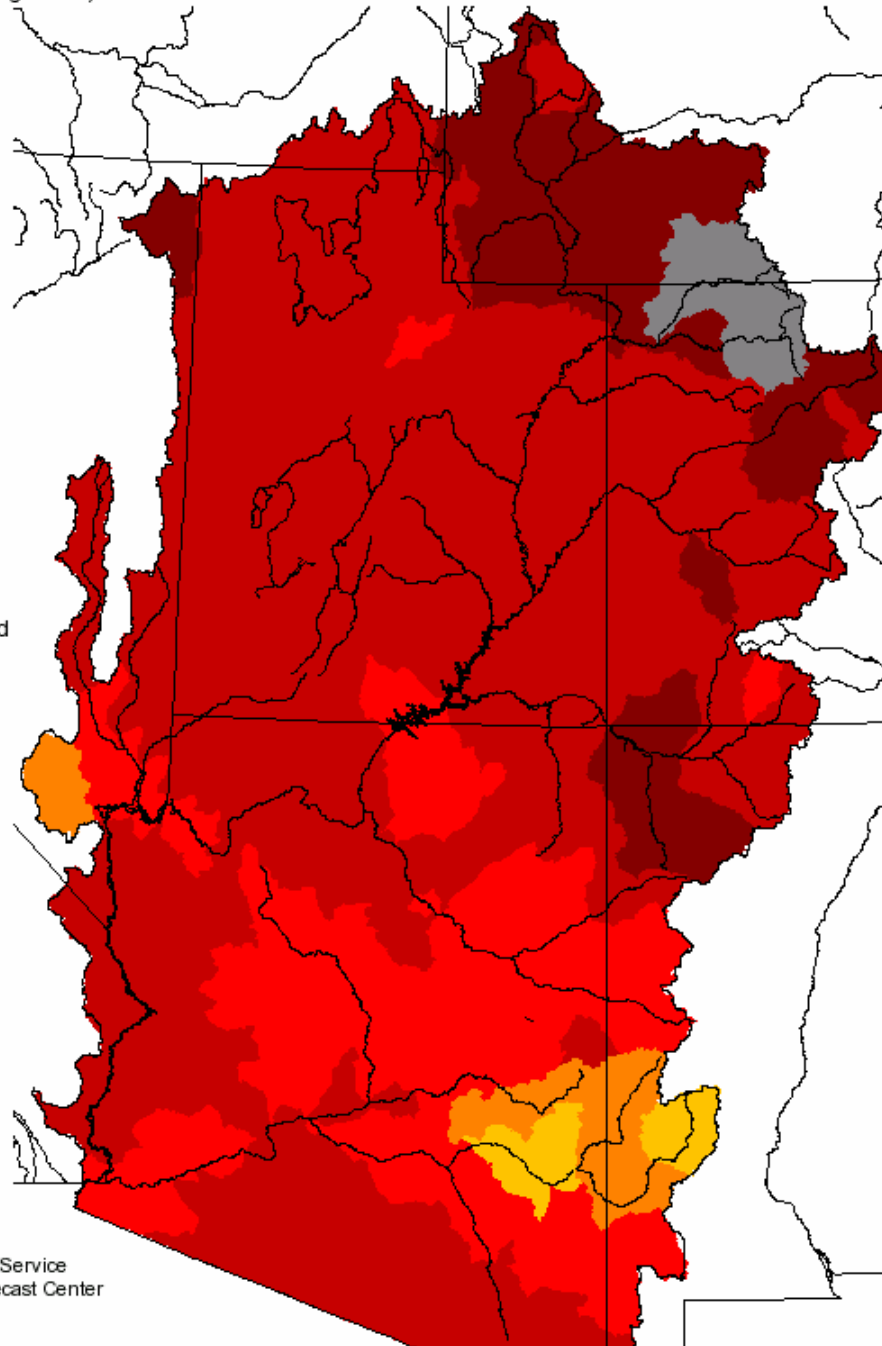


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Monthly Min Temp Deviation for May 2006

(Averaged by Hydrologic Unit)

Degrees (F)

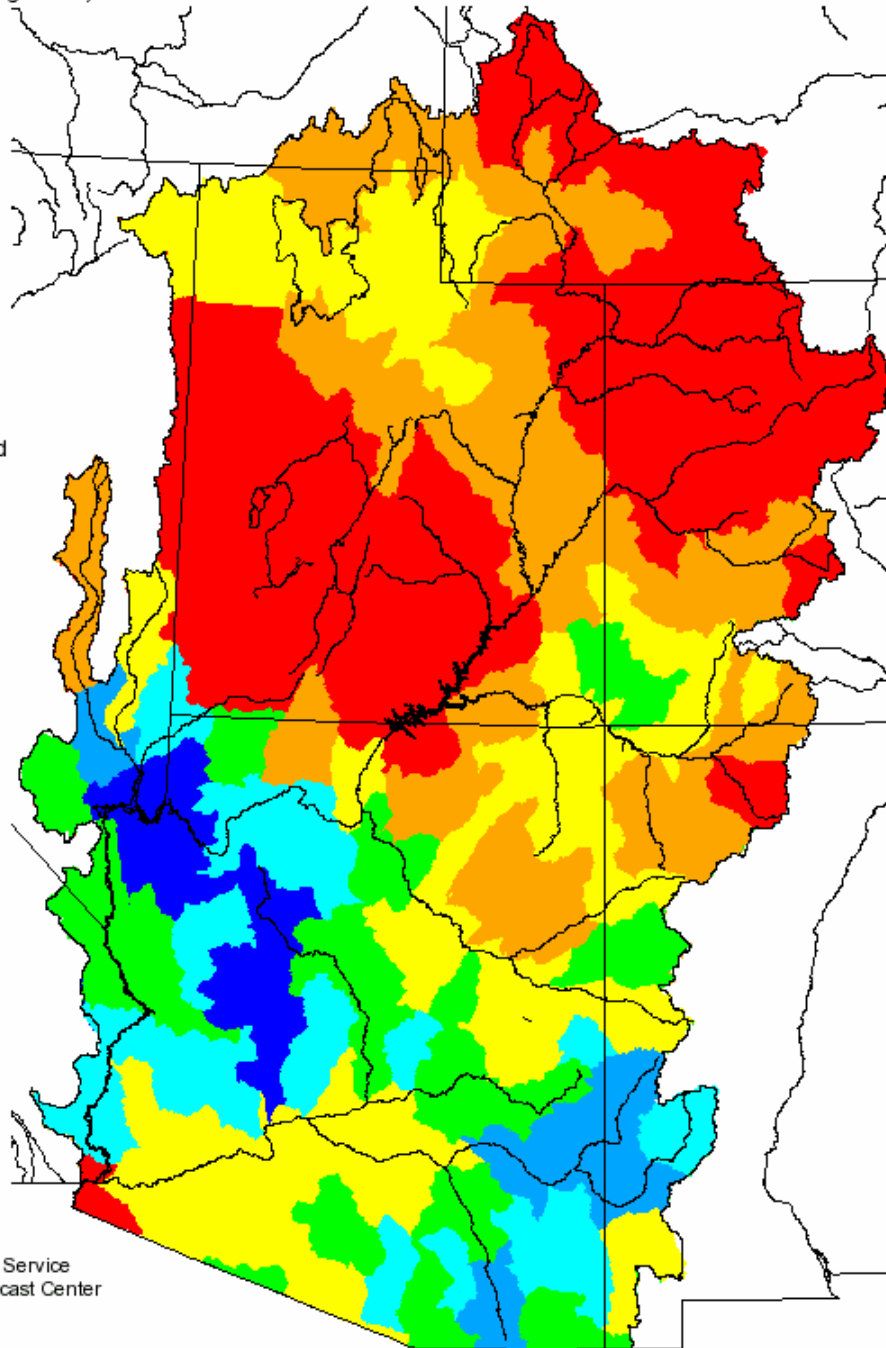
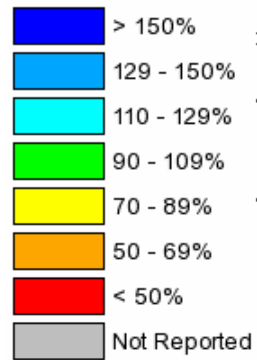


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Monthly Precipitation for June 2006

(Averaged by Hydrologic Unit)

% Average

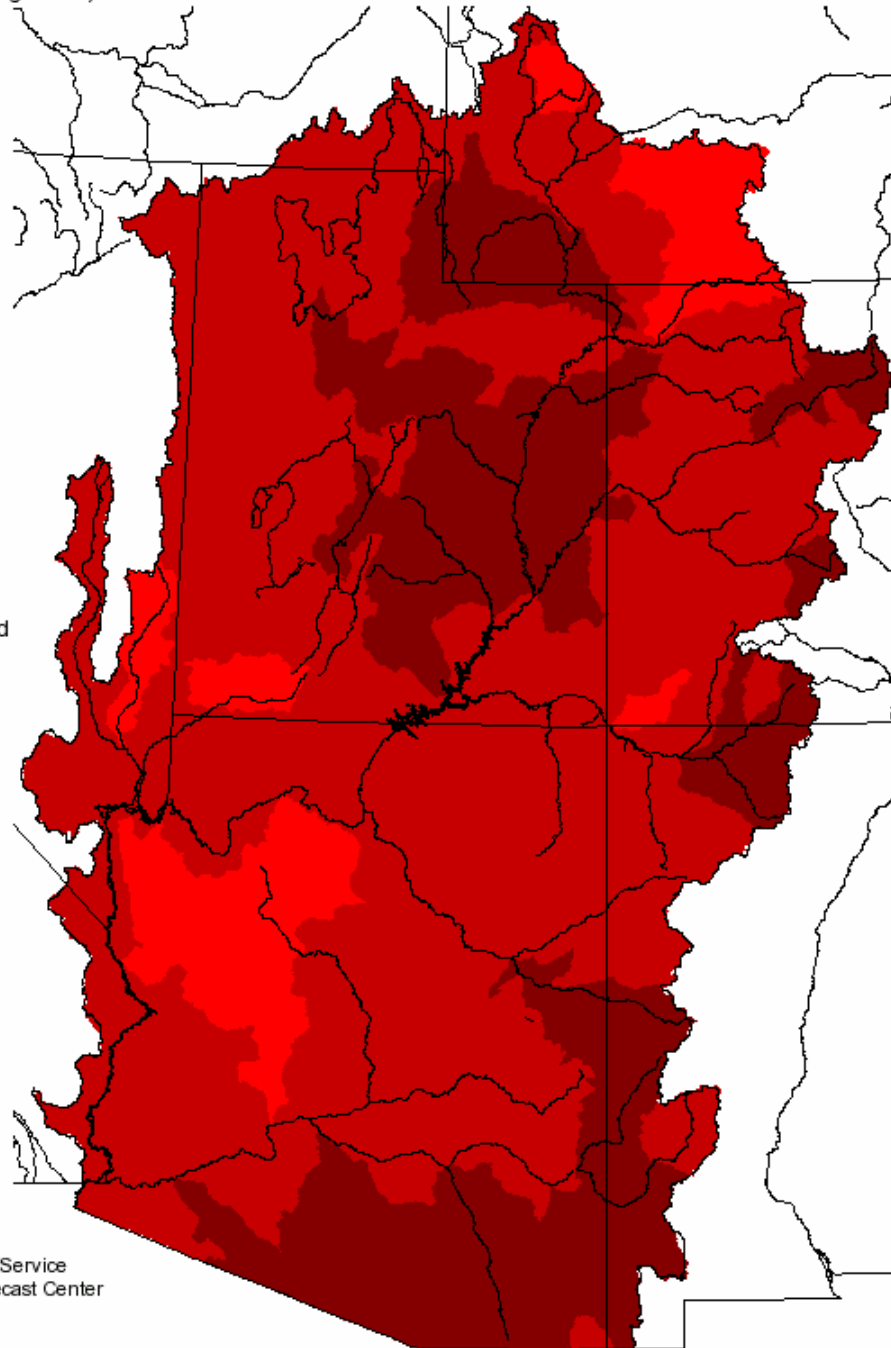


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Monthly Max Temp Deviation for June 2006

(Averaged by Hydrologic Unit)

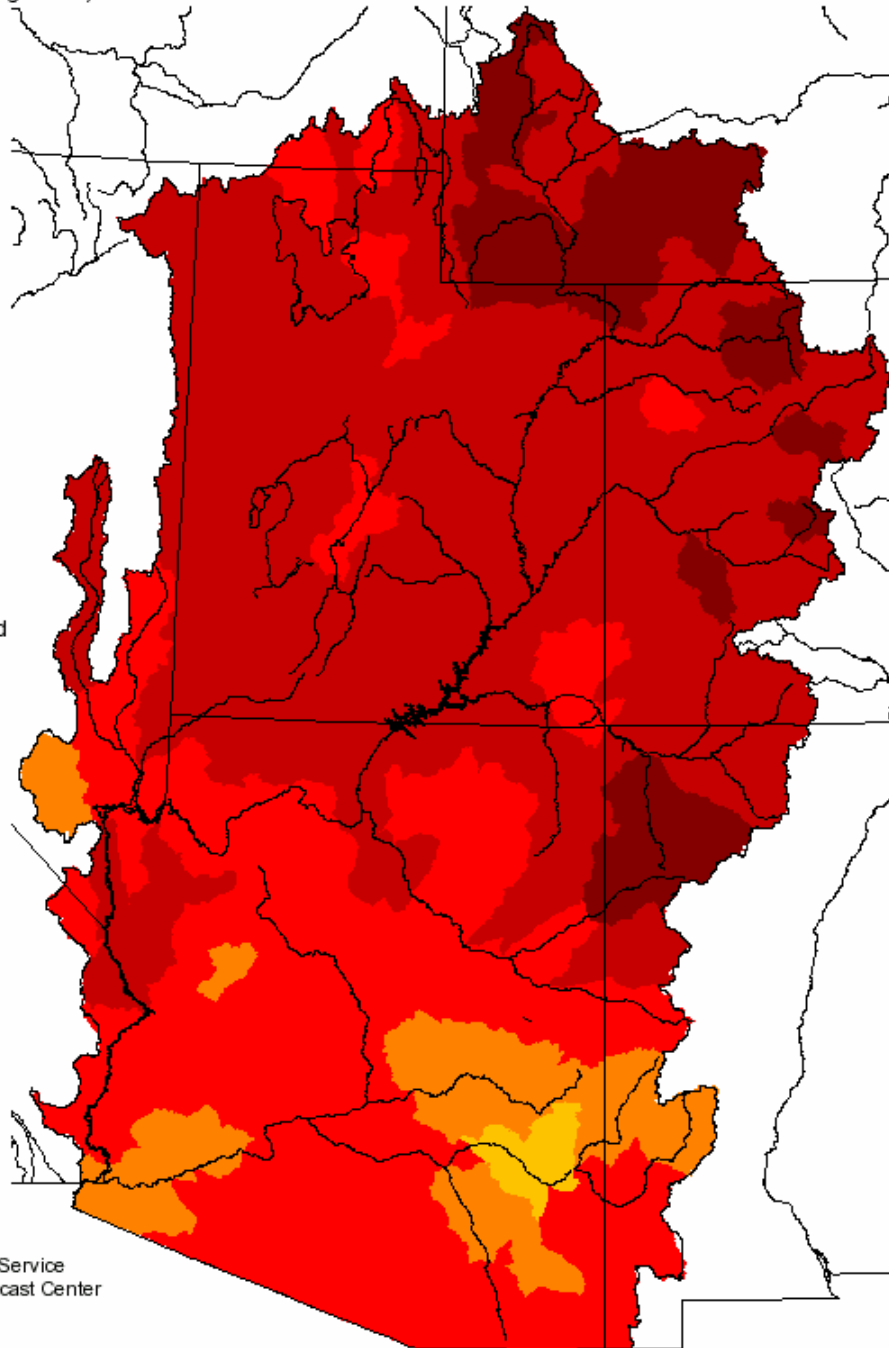
Degrees (F)



Monthly Min Temp Deviation for June 2006

(Averaged by Hydrologic Unit)

Degrees (F)

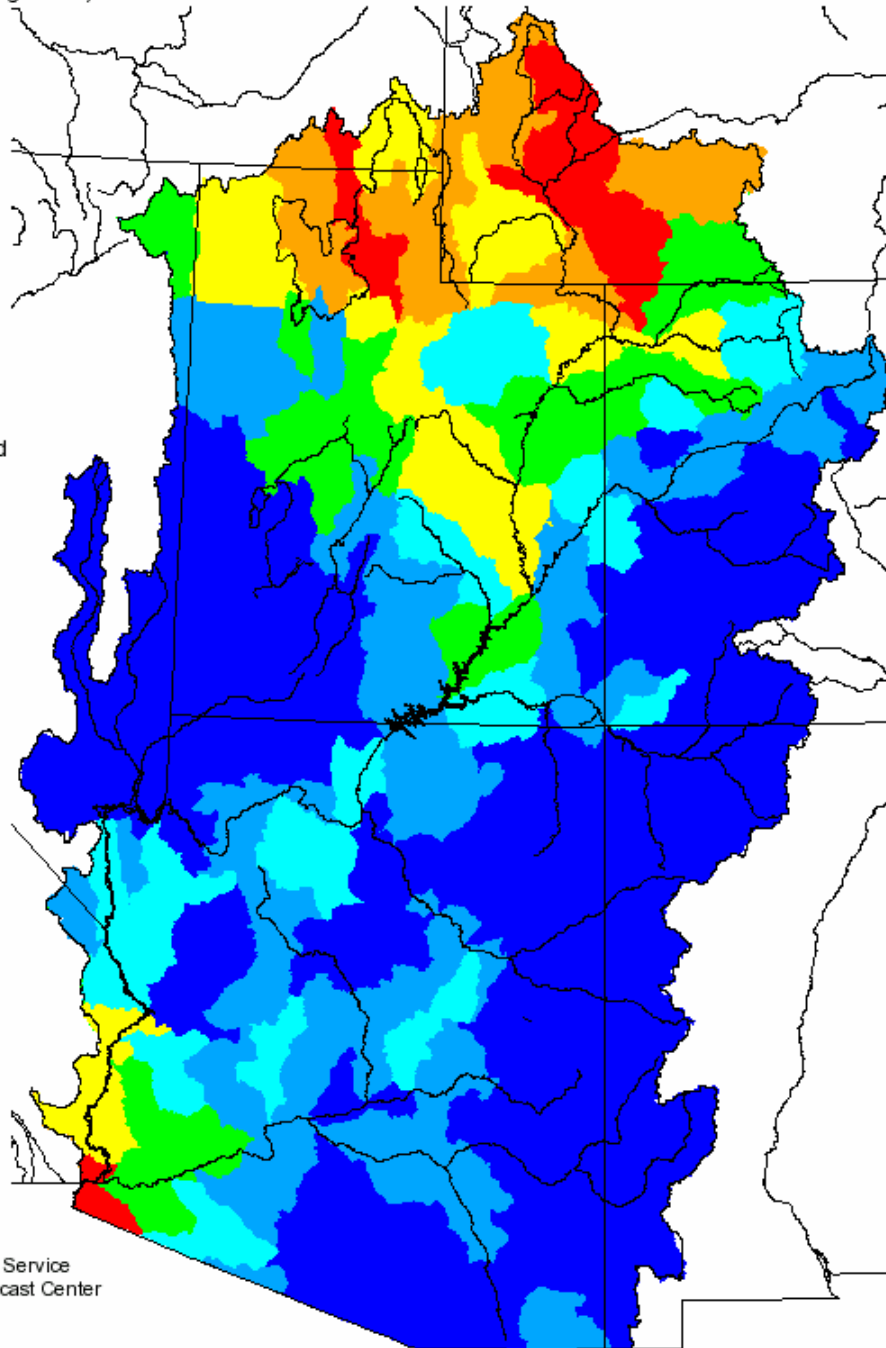
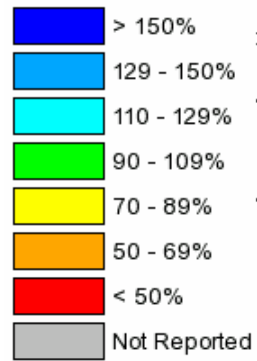


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Monthly Precipitation for July 2006

(Averaged by Hydrologic Unit)

% Average

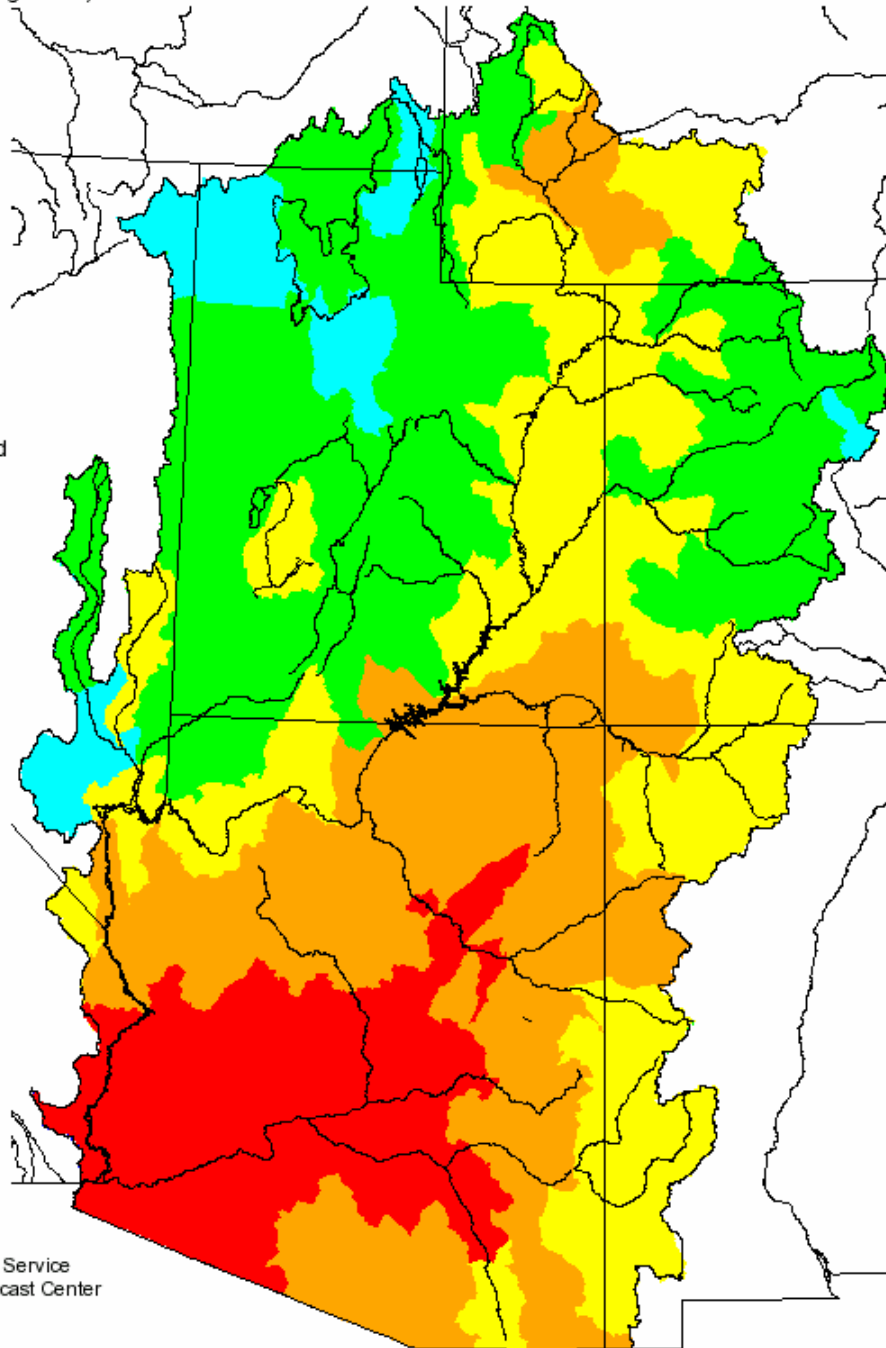
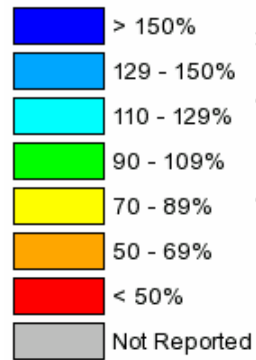


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Seasonal Precipitation, October 2005 - July 2006

(Averaged by Hydrologic Unit)

% Average

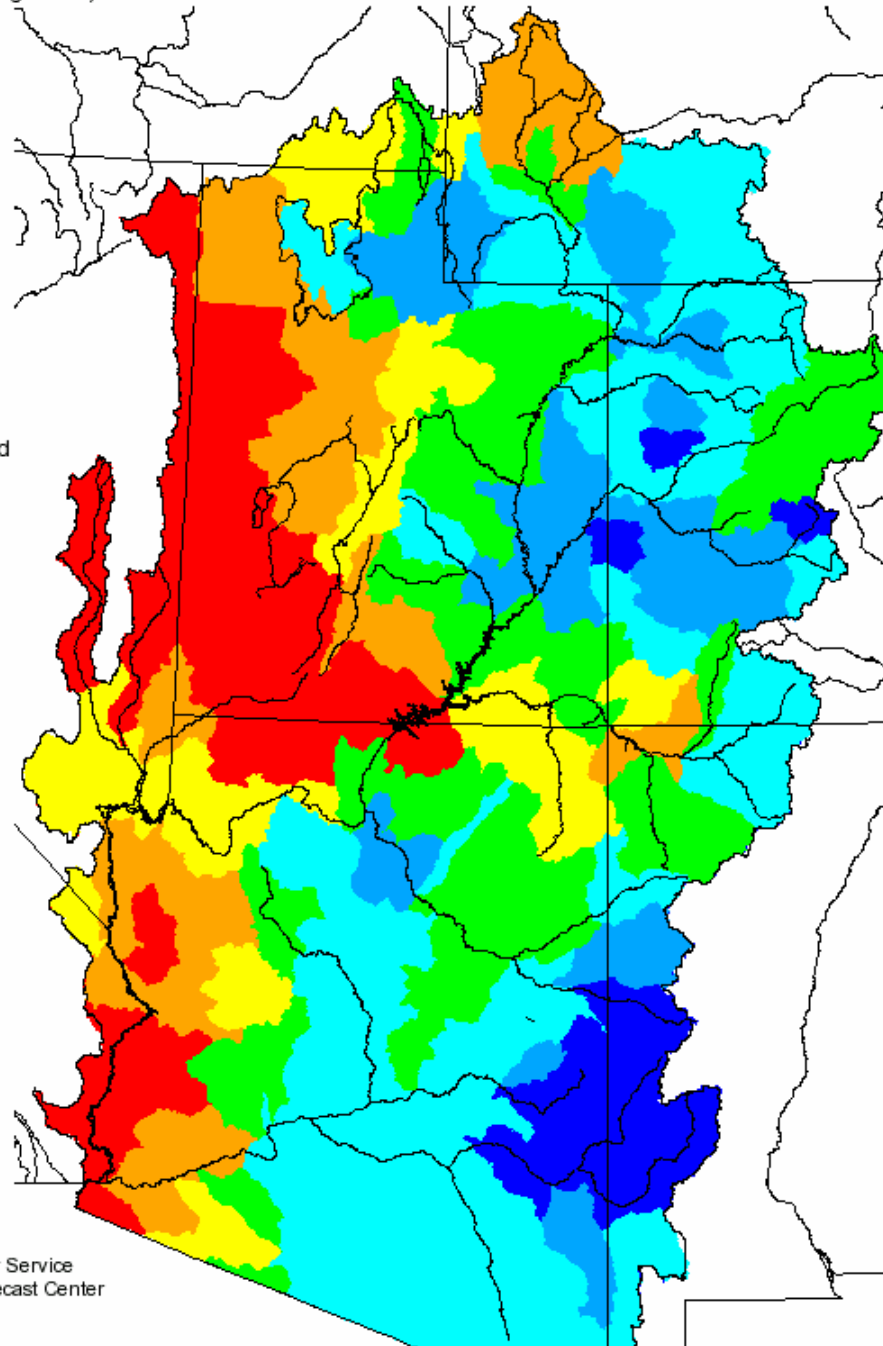
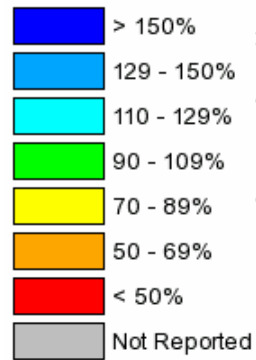


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Monthly Precipitation for August 2006

(Averaged by Hydrologic Unit)

% Average

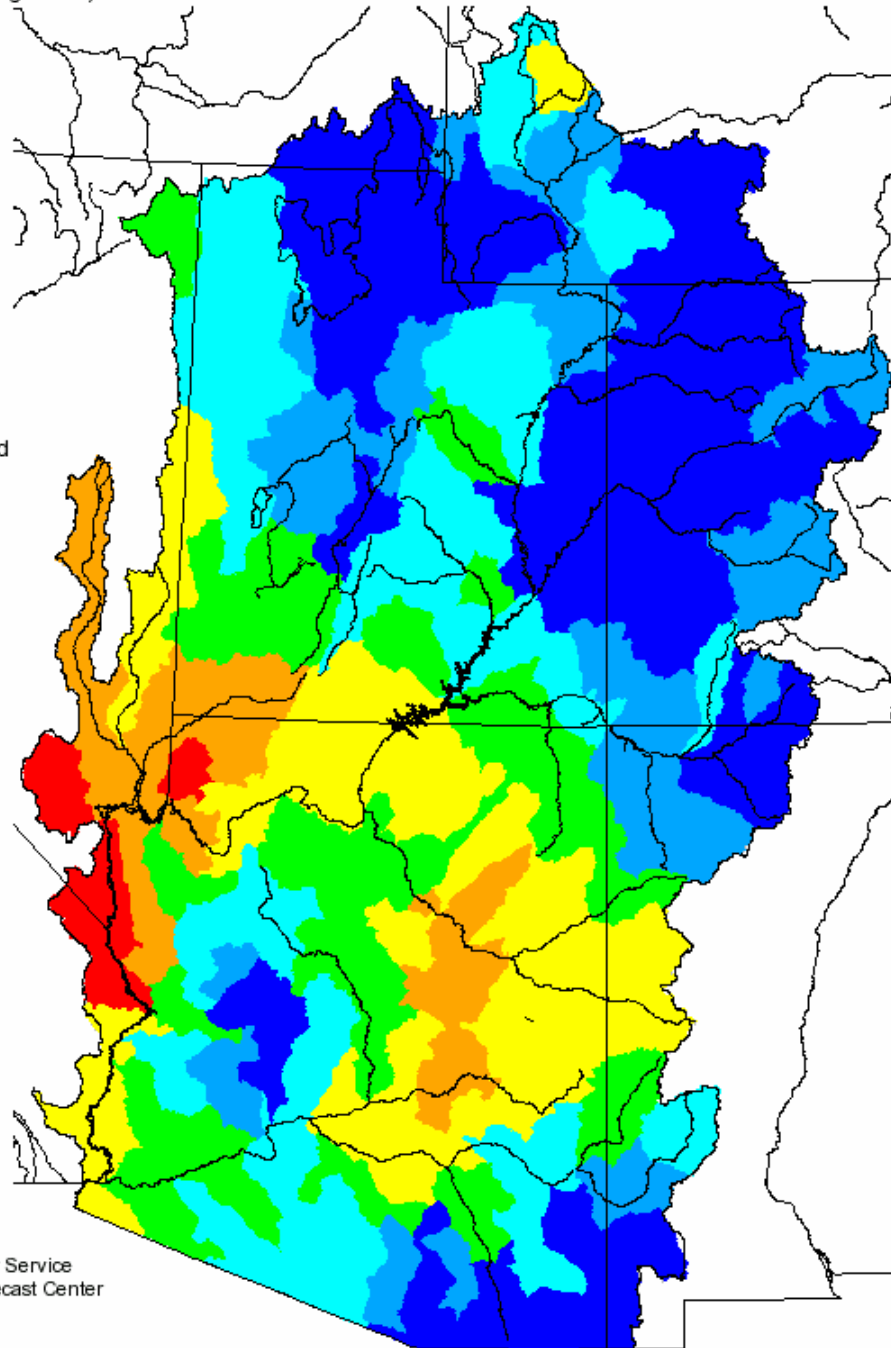
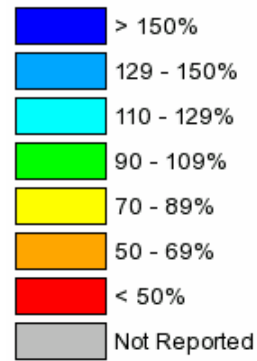


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Monthly Precipitation for September 2006

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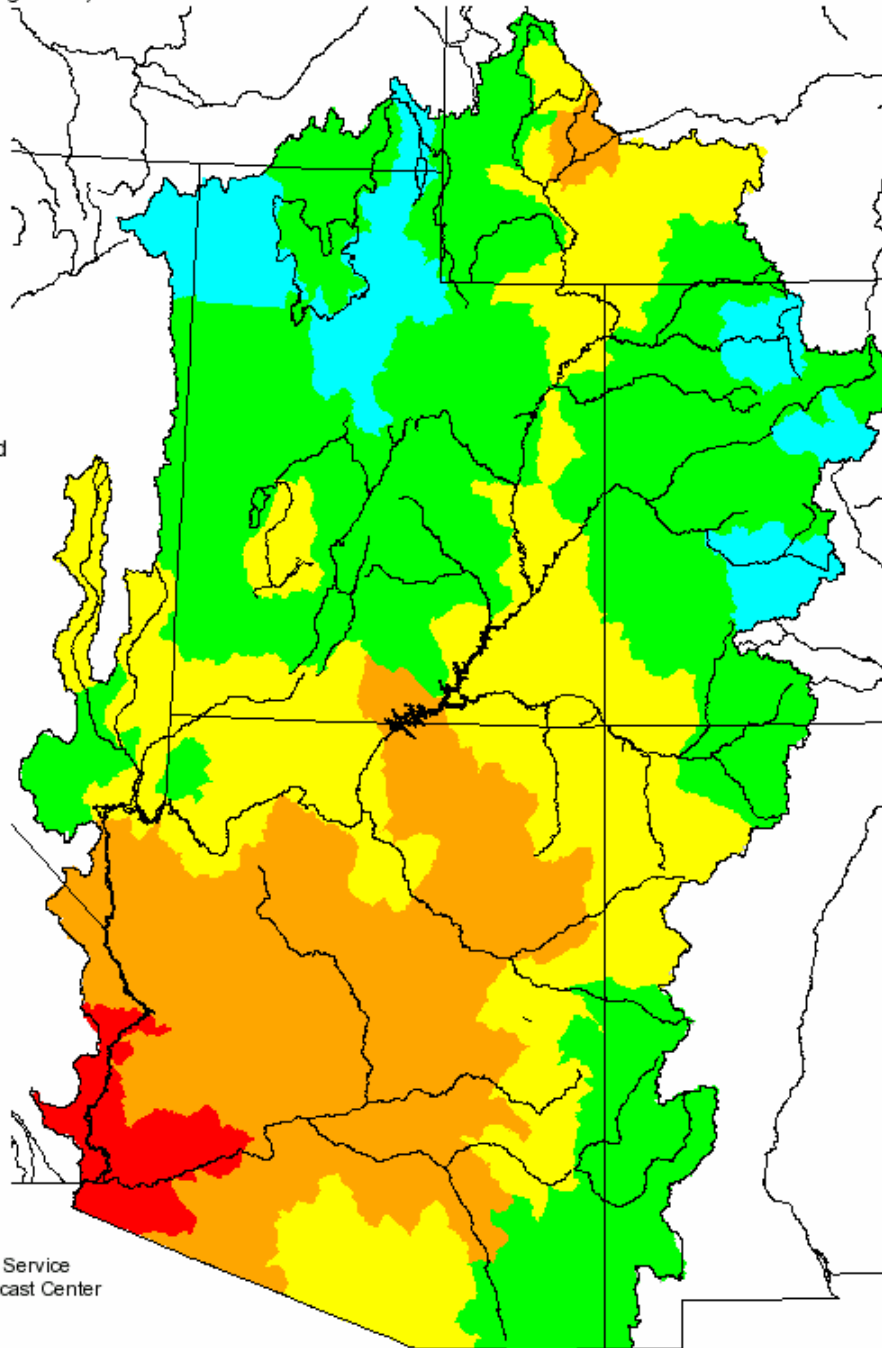
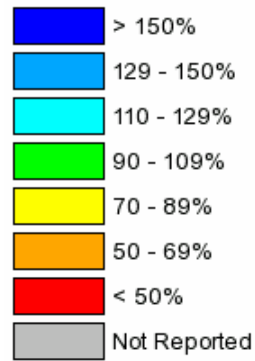
% Average



Seasonal Precipitation, October 2005 - September 2006

(Averaged by Hydrologic Unit)

% Average

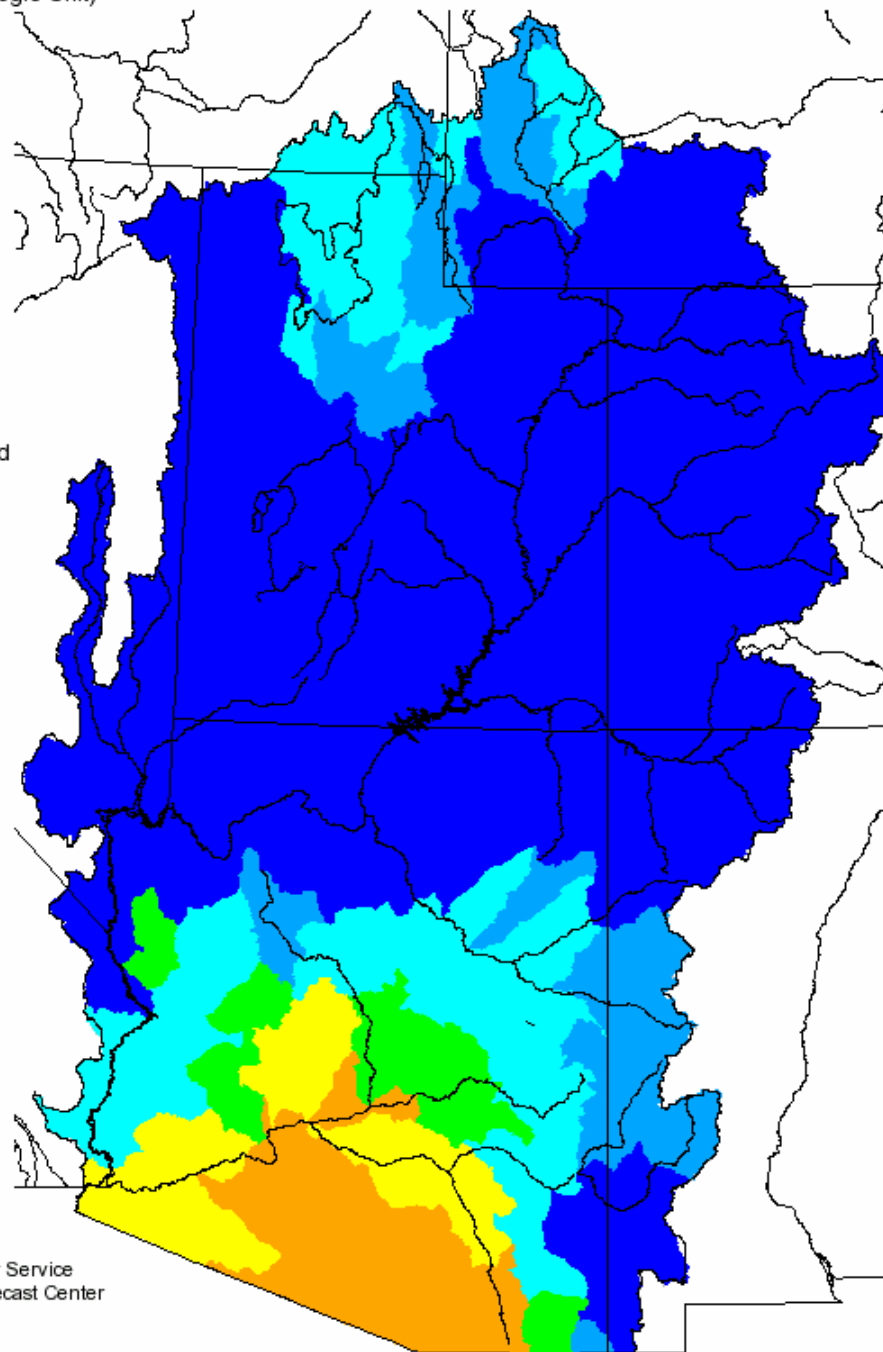
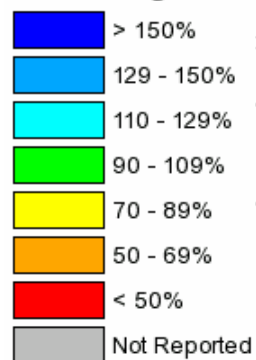


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Monthly Precipitation for October 2006

(Averaged by Hydrologic Unit)

% Average



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Water Year 2006 Forecasts

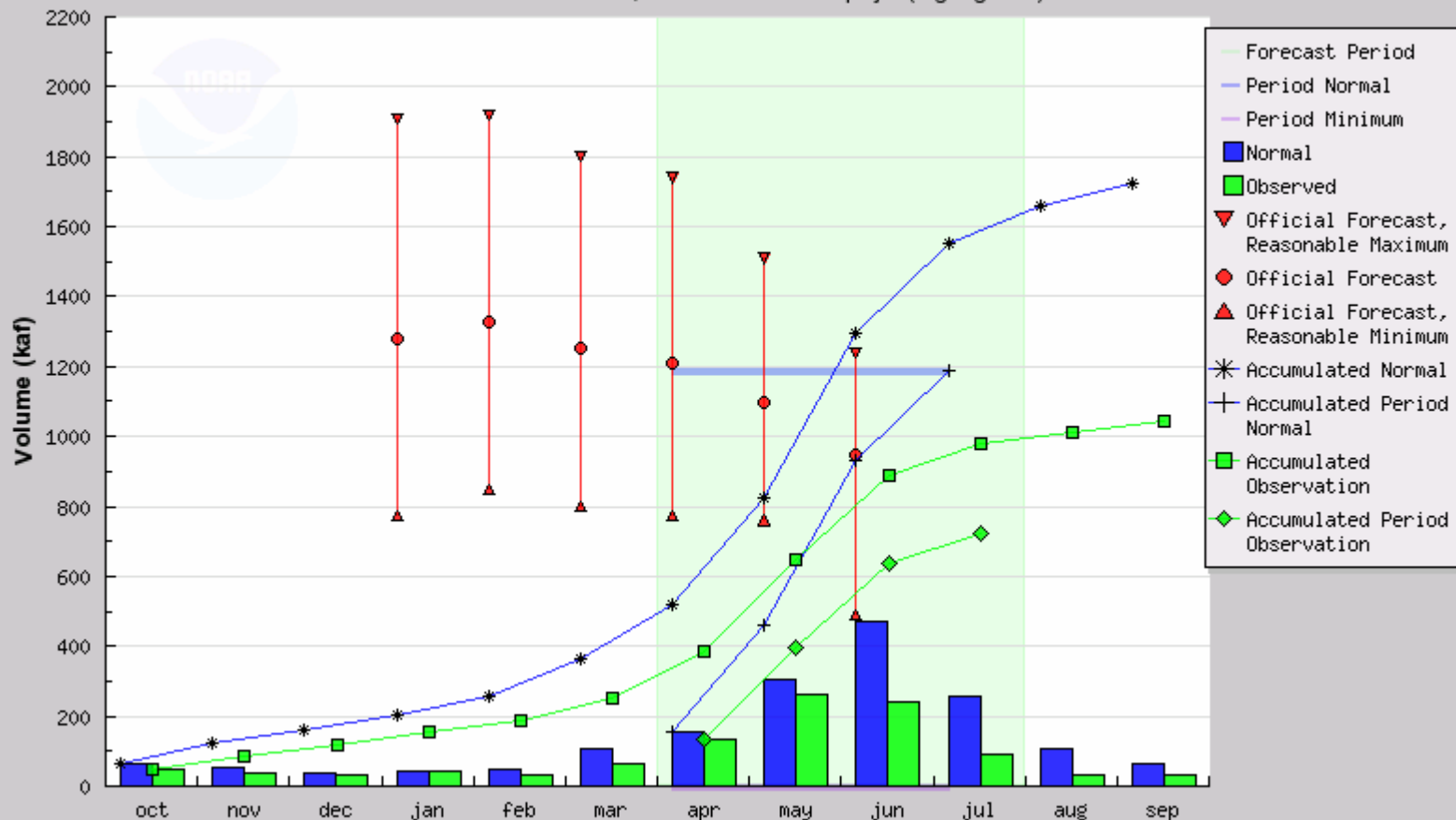
Vallecito



Flaming Gorge

GREEN - FLAMING GORGE RES, FLAMING GORGE DAM, AT (GRNU1)

Water Year 2006, Forecast Period apr-jul (highlighted)



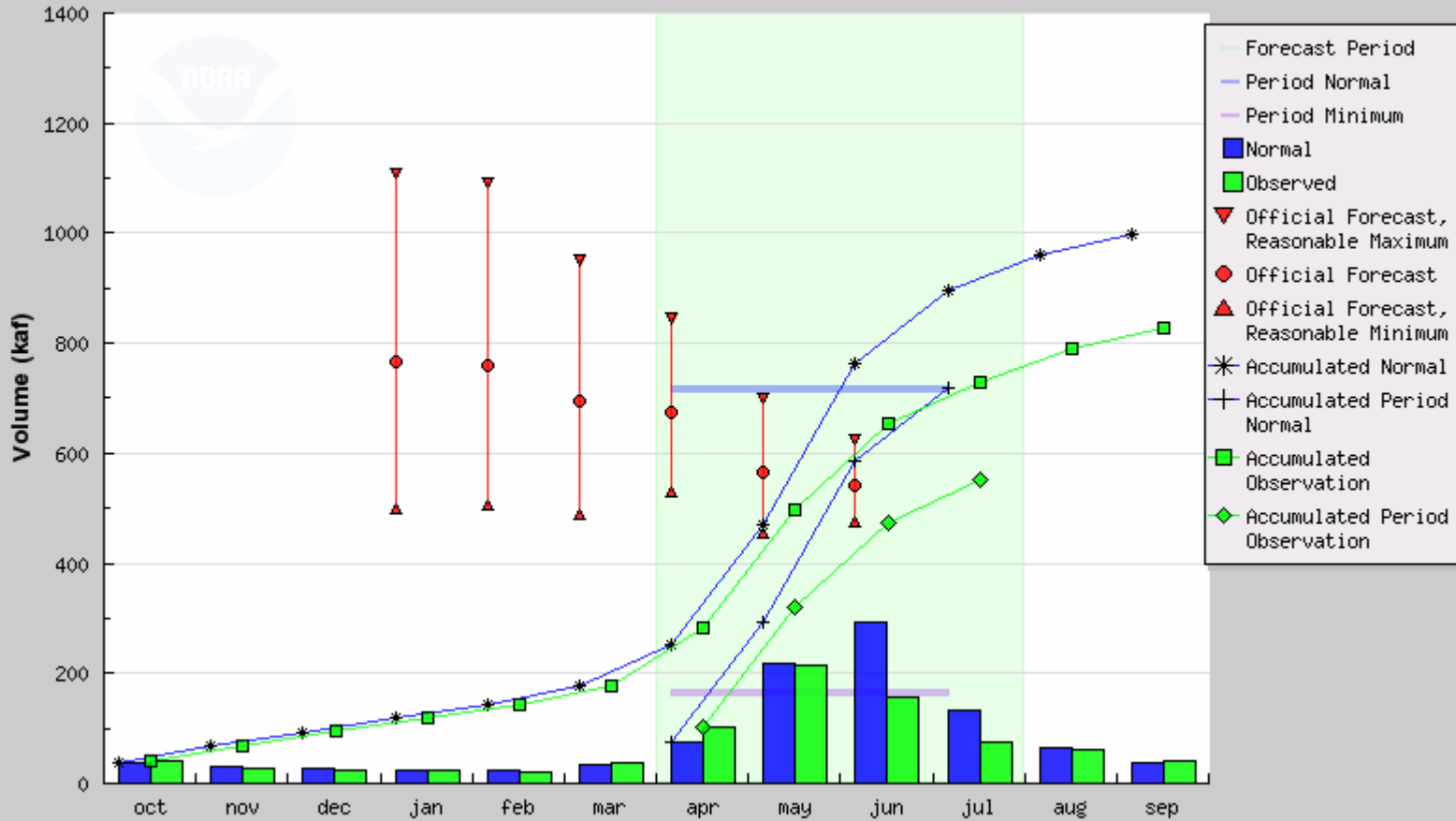
CBRFC/NWS/NOAA 10/13/06 14:10:54 GMT



Blue Mesa

GUNNISON - BLUE MESA RES (BMDC2)

Water Year 2006, Forecast Period apr-jul (highlighted)



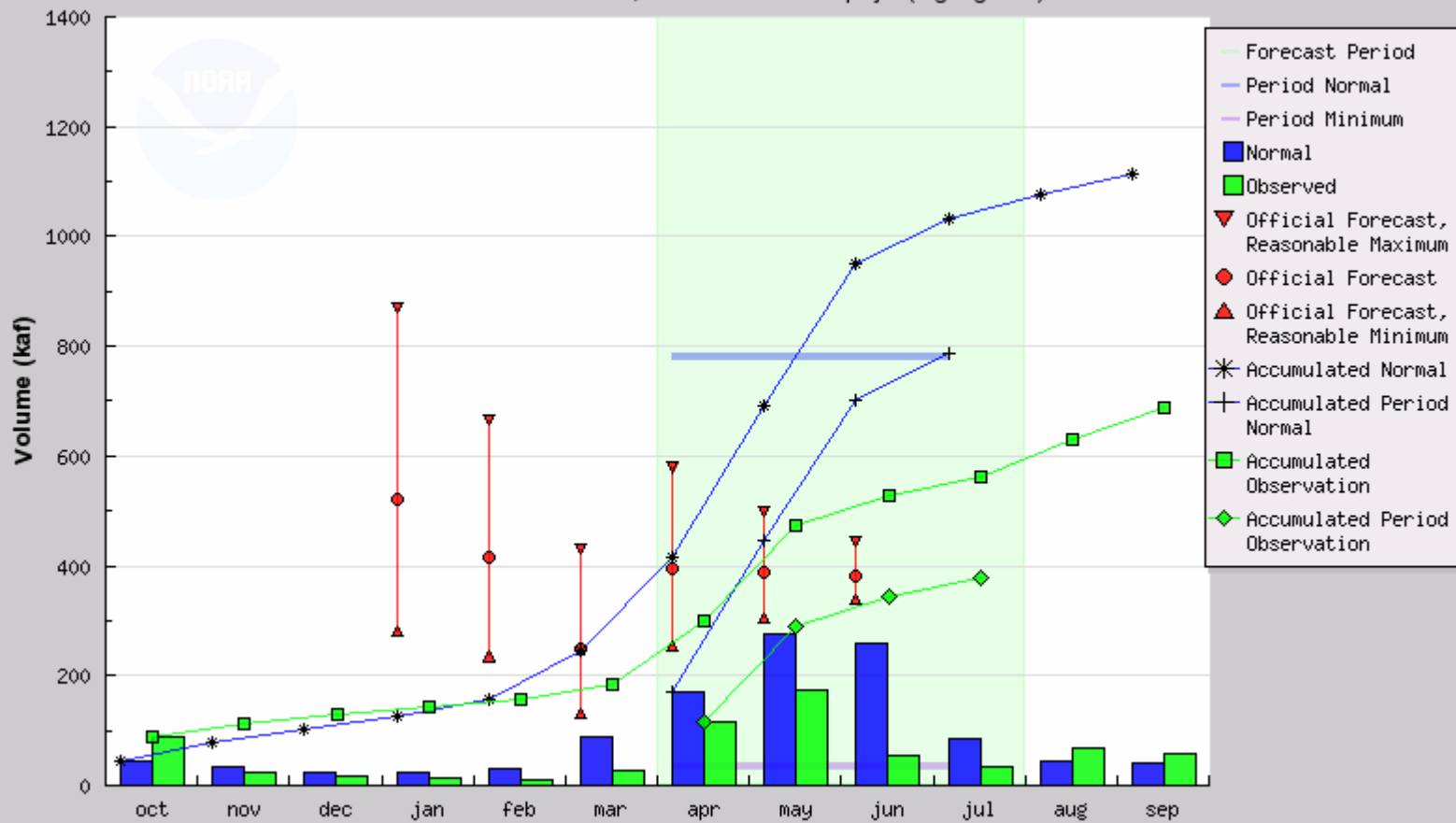
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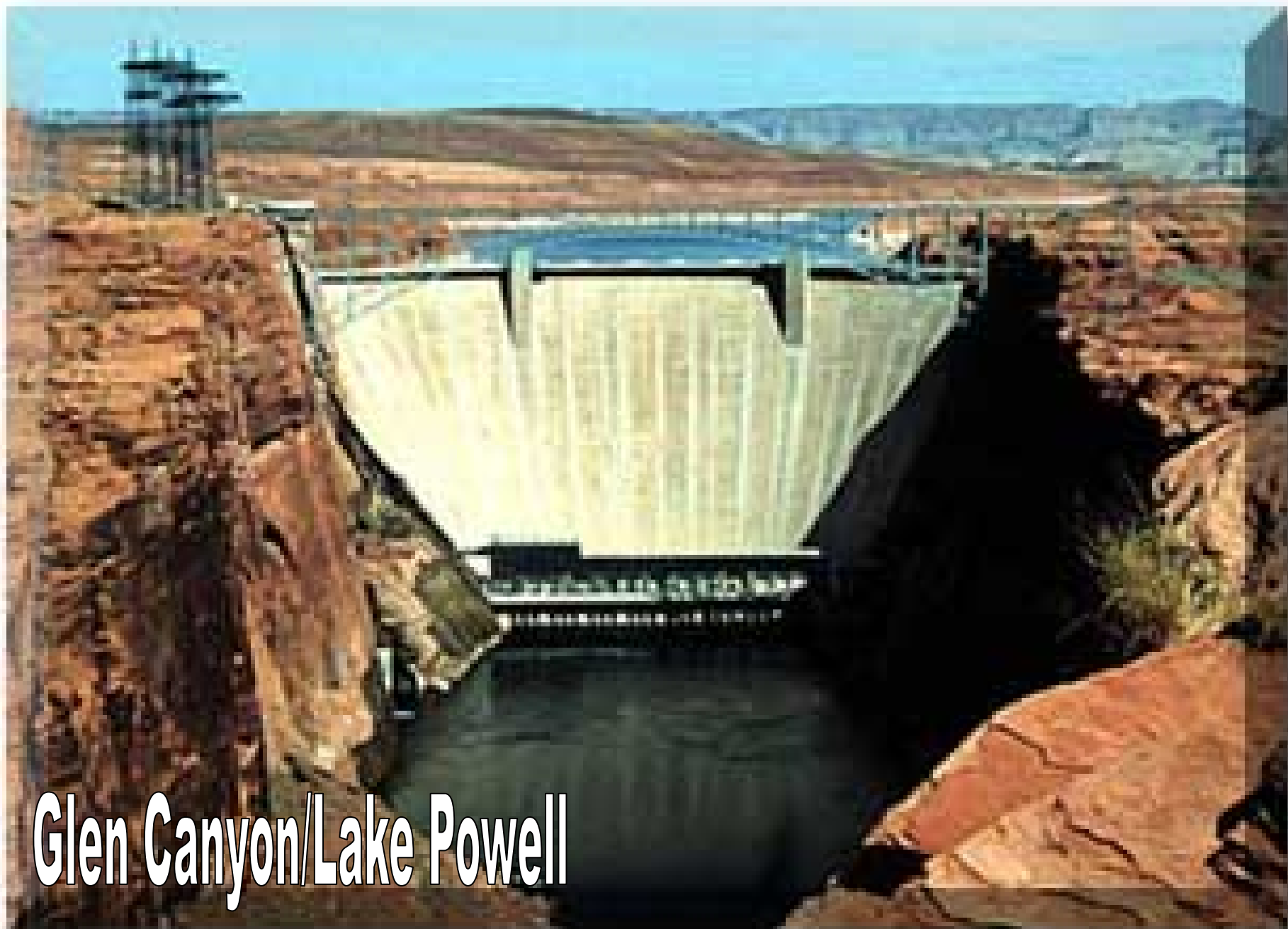
Navajo

SAN JUAN - NAVAJO RES, ARCHULETA, NR (NVRN5)

Water Year 2006, Forecast Period apr-jul (highlighted)



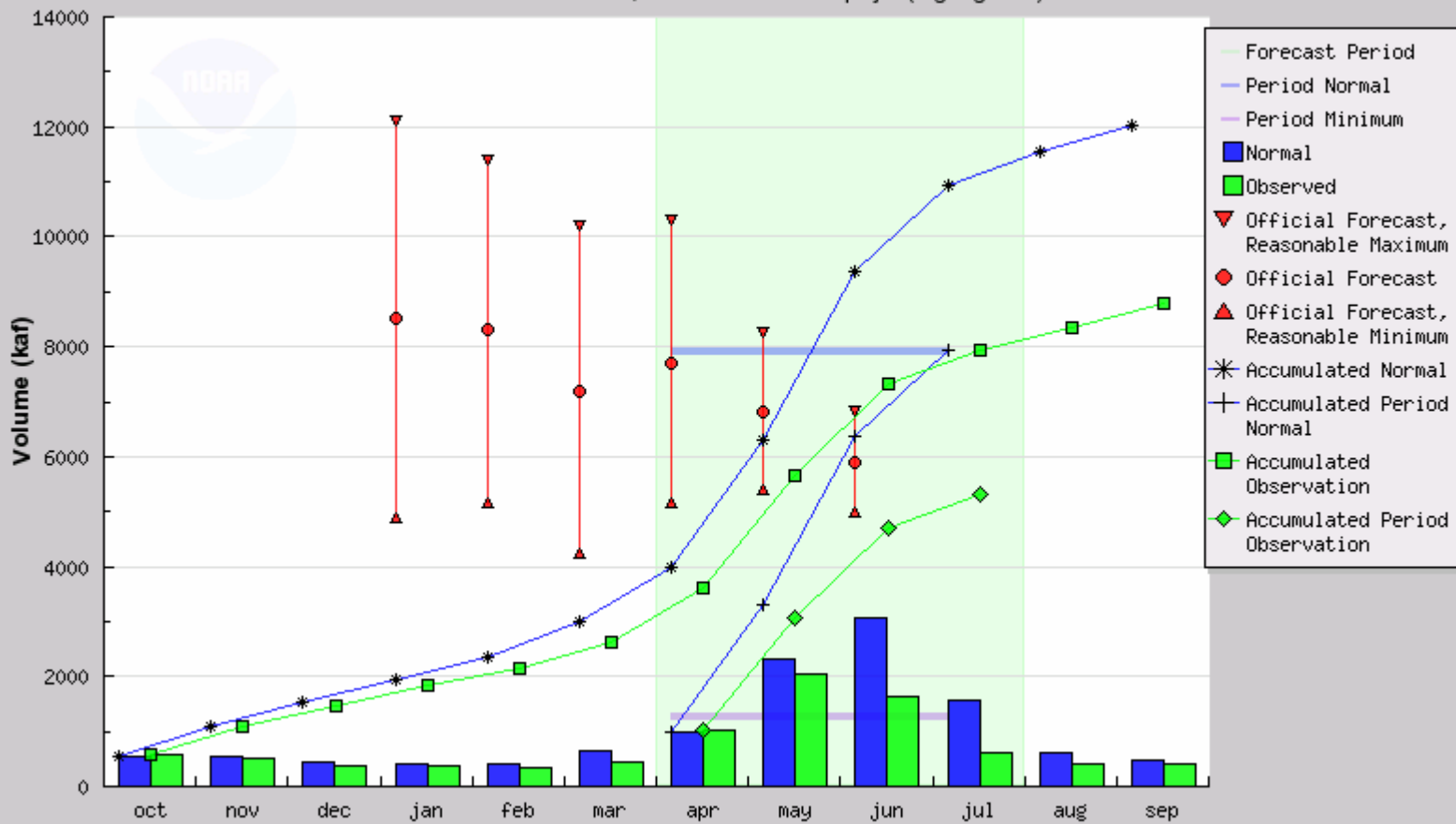
CBRFC/NWS/NOAA 10/13/06 08:10:20 MDT



Glen Canyon/Lake Powell

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

Water Year 2006, Forecast Period apr-jul (highlighted)



CBRFC/NWS/NOAA 10/13/06 14:01:26 GMT

U.S. Drought Monitor

West

November 7, 2006

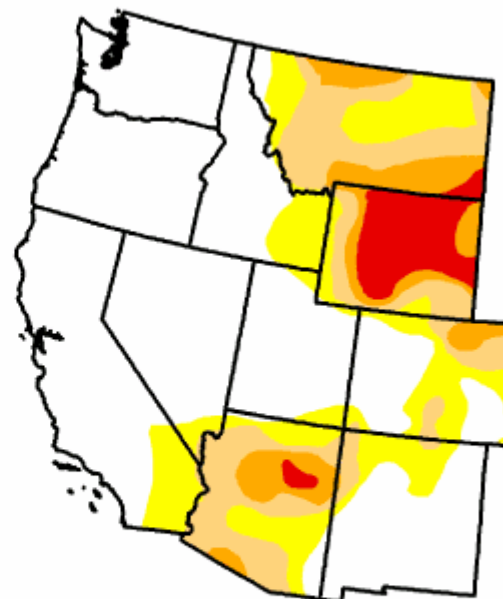
Valid 8 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	58.8	41.2	24.9	11.6	4.8	0.0
Last Week (10/31/2006 map)	49.7	50.3	29.6	13.7	4.8	0.0
3 Months Ago (8/15/2006 map)	44.7	55.3	40.4	19.7	4.8	0.0
Start of Calendar Year (1/3/2006 map)	57.6	42.4	14.4	0.0	0.0	0.0
Start of Water Year (10/3/2006 map)	43.5	56.5	33.5	16.9	5.2	0.0
One Year Ago (11/8/2005 map)	50.5	49.5	21.9	4.3	0.0	0.0

Intensity:

- D0 Abnormally Dry
- D1 Drought - Moderate
- D2 Drought - Severe
- D3 Drought - Extreme
- D4 Drought - Exceptional



The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

<http://drought.unl.edu/dm>

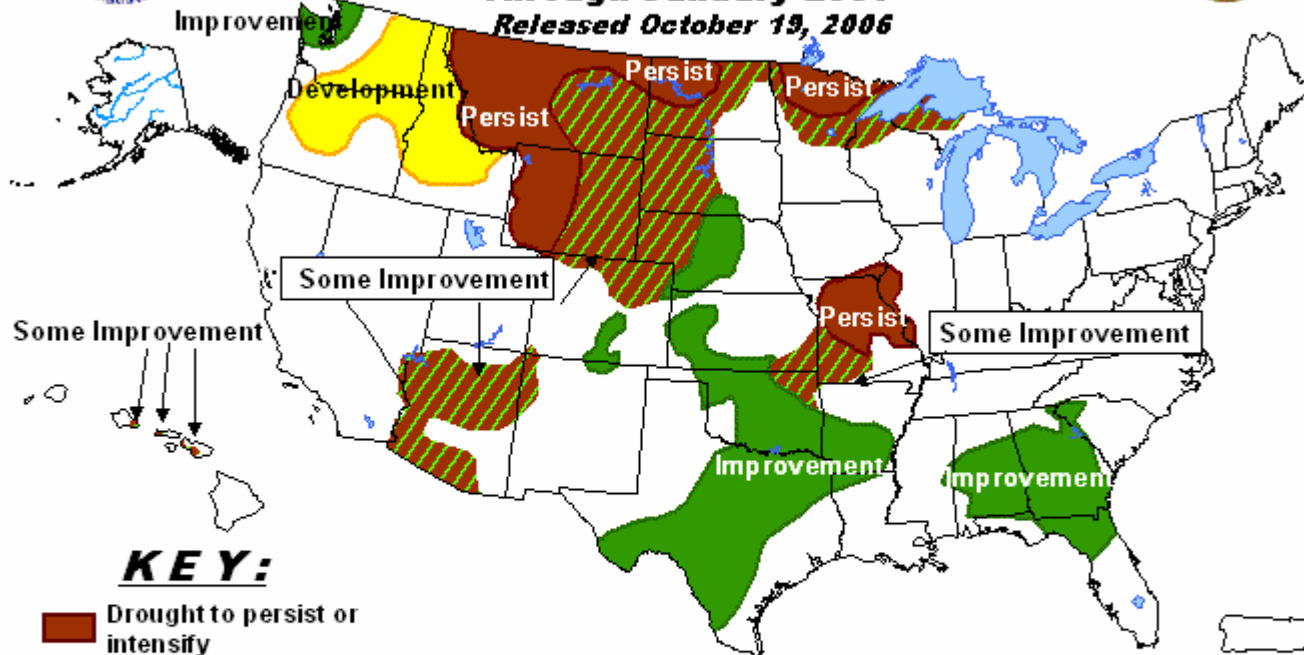


Released Thursday, November 9, 2006
Author: Douglas Le Comte, CPC/NOAA



U.S. Seasonal Drought Outlook Through January 2007

Released October 19, 2006

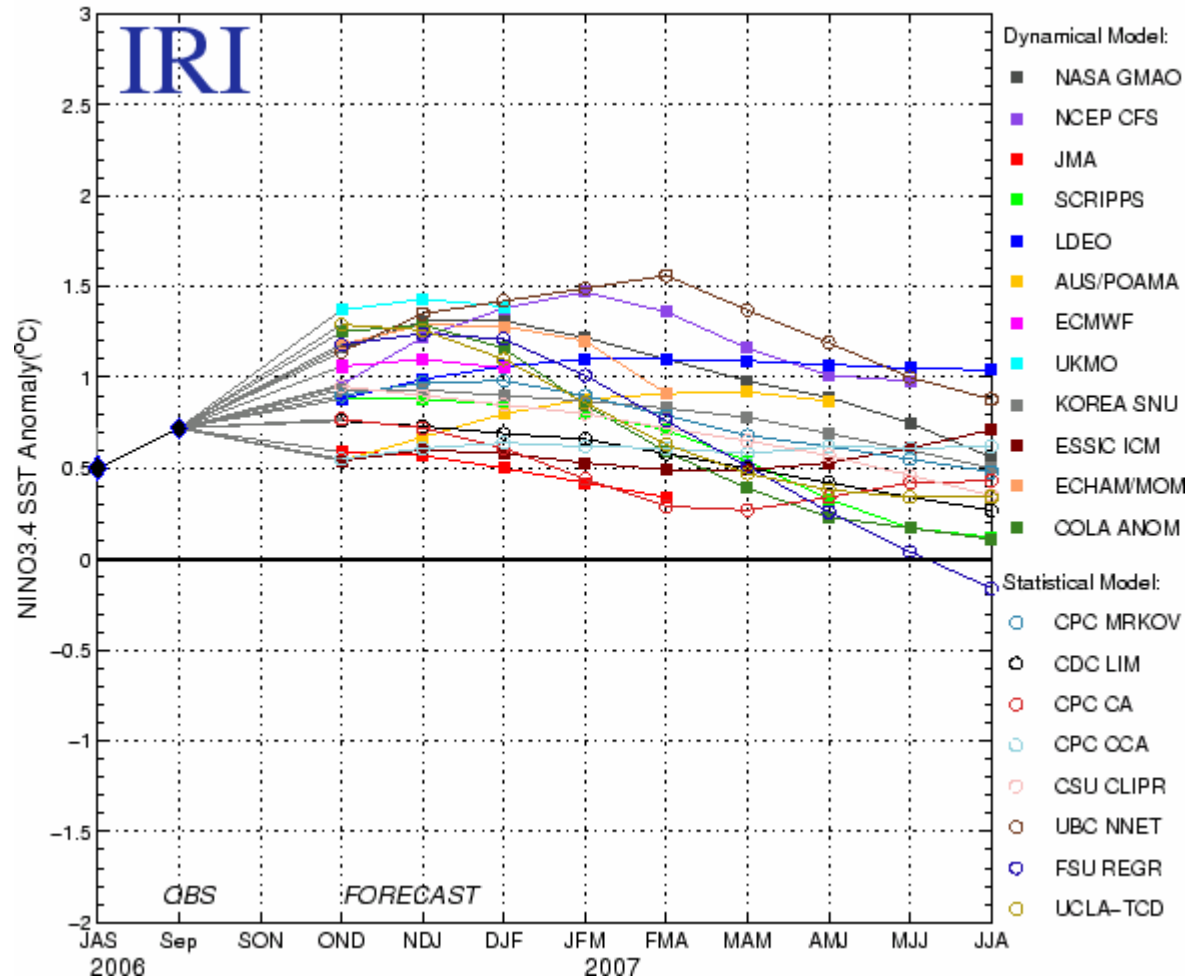


KEY:

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

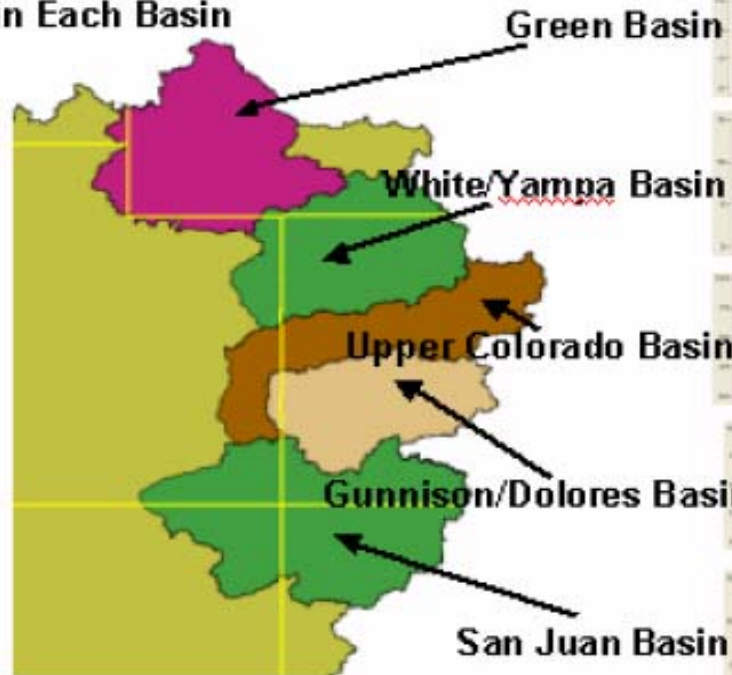
Depicts general, large-scale trends based on subjectively derived probabilities guided by numerous indicators, including short- and long-range statistical and dynamical forecasts. Short-term events -- such as individual storms -- cannot be accurately forecast more than a few days in advance, so use caution if using this outlook for applications -- such as crops -- that can be affected by such events. "Ongoing" drought areas are approximated from the Drought Monitor (D1 to D4). For weekly drought updates, see the latest Drought Monitor map and text. 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.

Model Forecasts of ENSO from Oct 2006



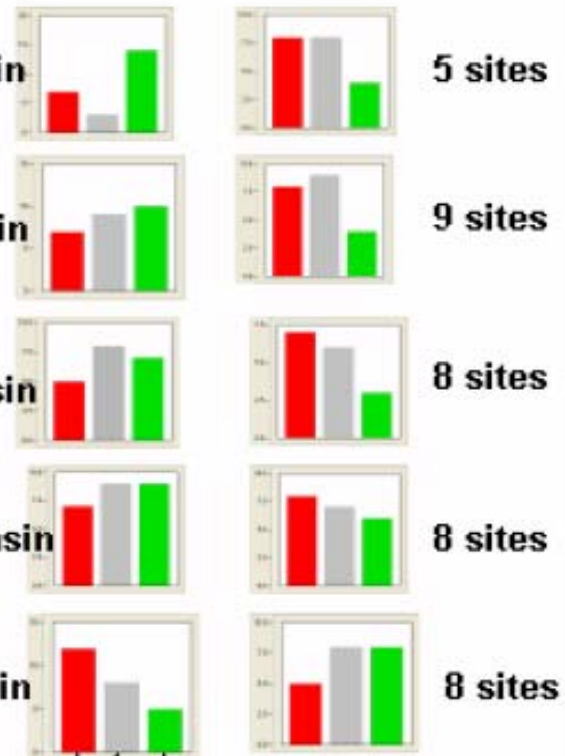
ONI Composites In Upper Colorado

ENSO Composites Of 66 Years of Winter
Precipitation Data Using 5-9 Sites
in Each Basin



La Nina Cases

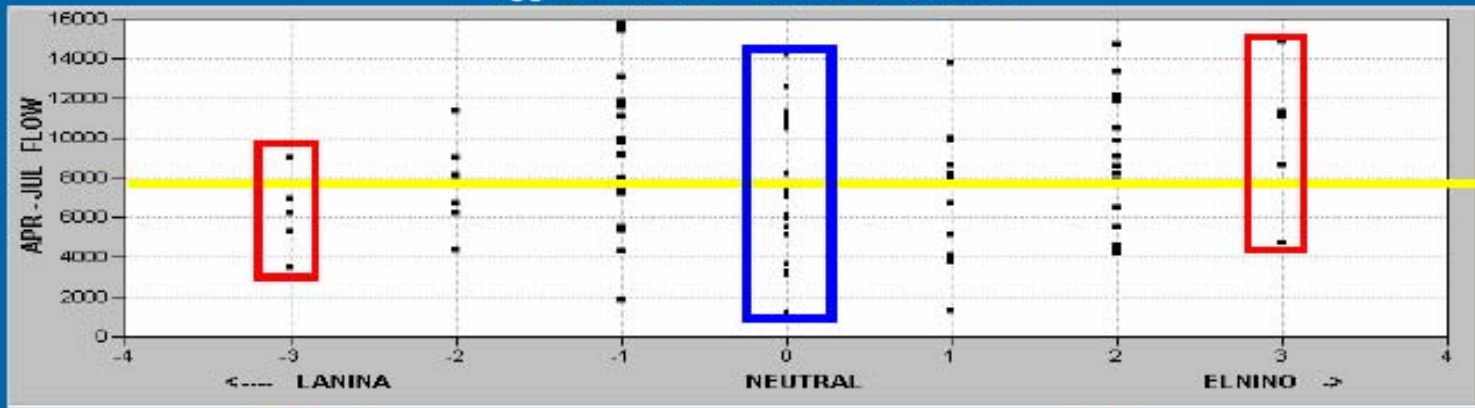
El Nino Cases



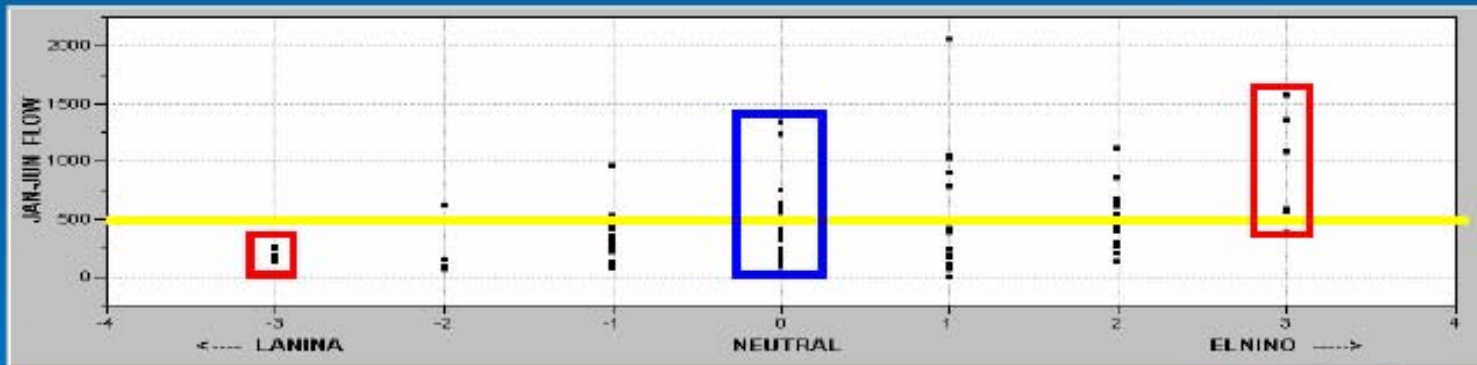
Dry = Lower Tercile
Neu = Middle Tercile
Wet = Upper Tercile

Dry
Neutral
Wet

Upper Colorado – Lake Powell Inflow



← Weaker Lower Colorado – Salt River Inflow Stronger →

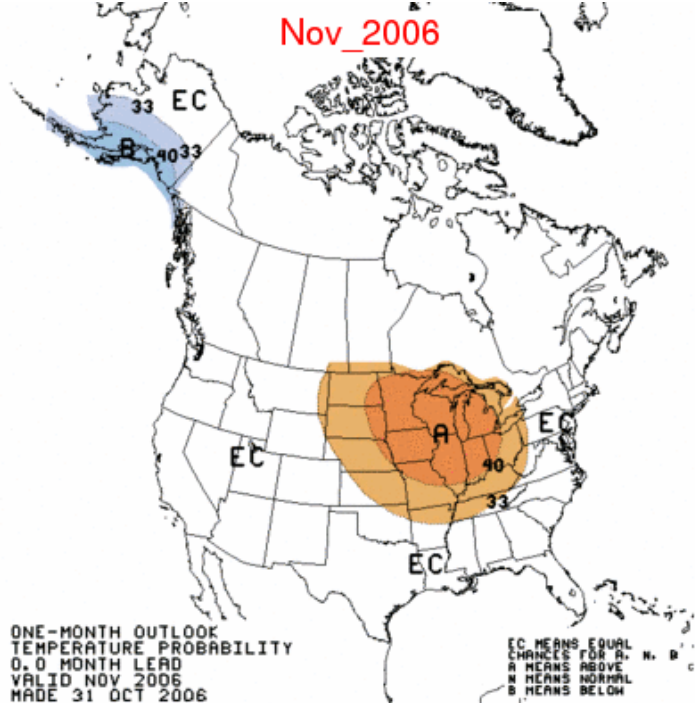


Oct/Nov/Dec Sea Surface Temperature Analysis 150 West to Date Line

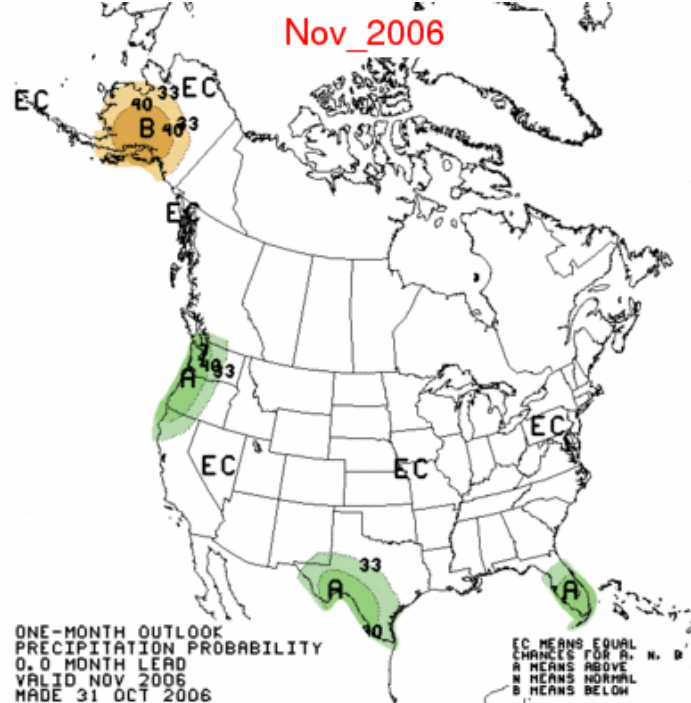
Strong Warm(+3) /Cool Periods (-3)
 Moderate Warm(+2)/Cool Periods (-2)
 Weak Warm(+1)/Cool Periods (-1)
 Neutral (0)



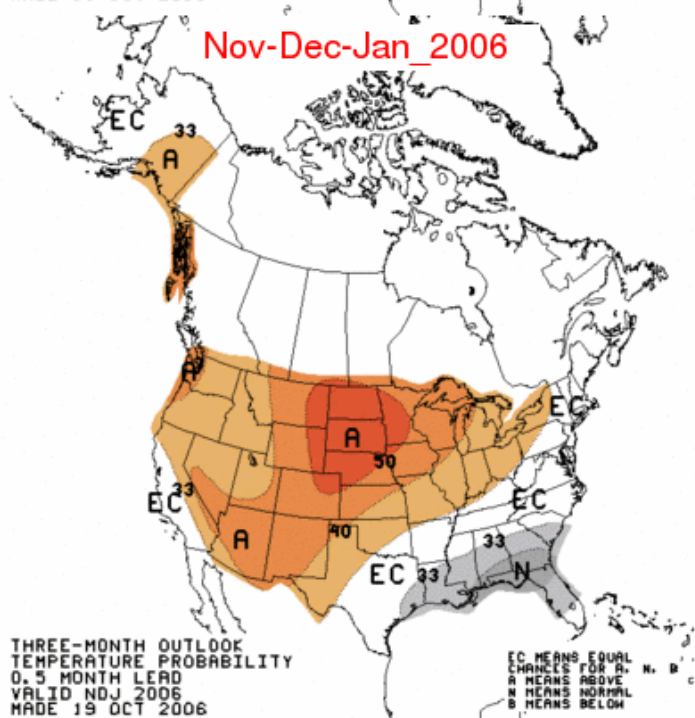
Nov_2006



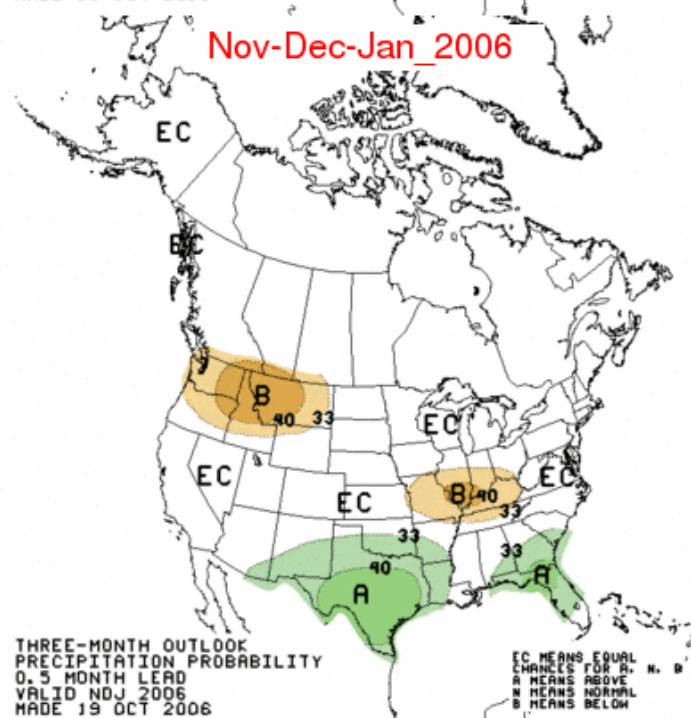
Nov_2006



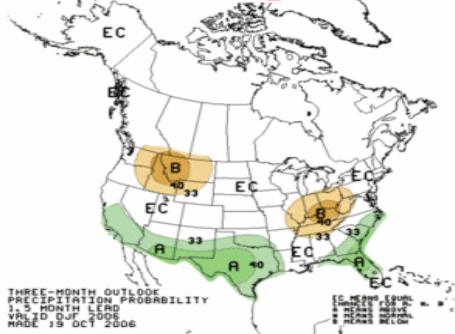
Nov-Dec-Jan_2006



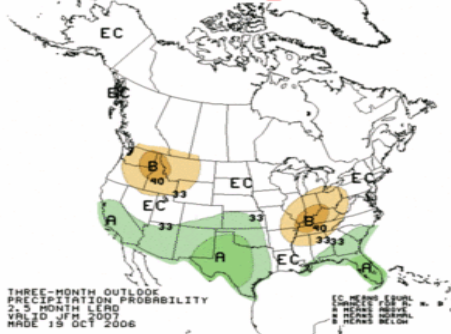
Nov-Dec-Jan_2006



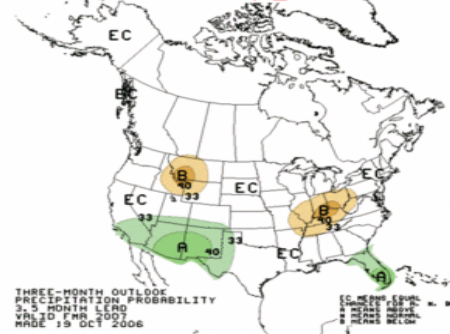
Dec-Jan-Feb_2007



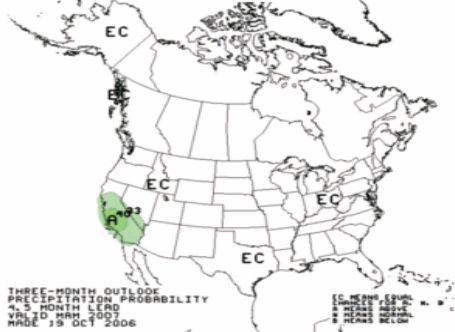
Jan-Feb-Mar_2007



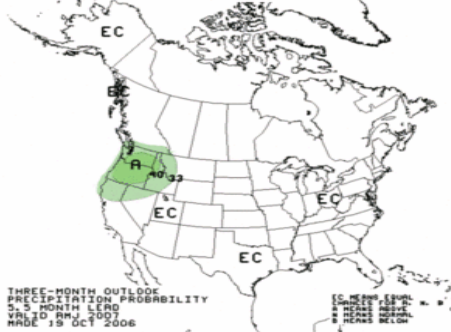
Feb-Mar-Apr_2007



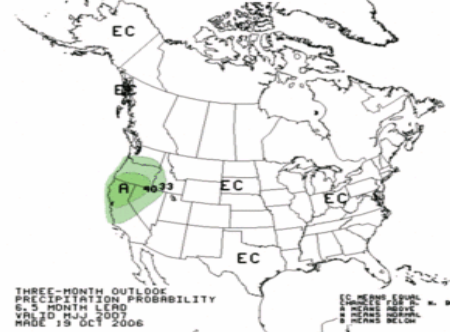
Mar-Apr-May_2007



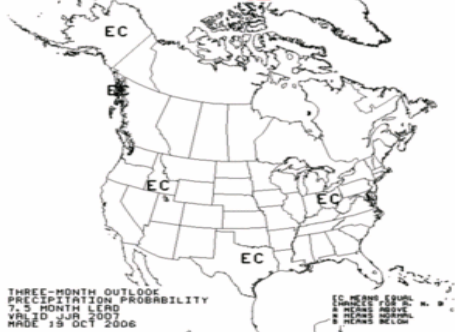
Apr-May-Jun_2007



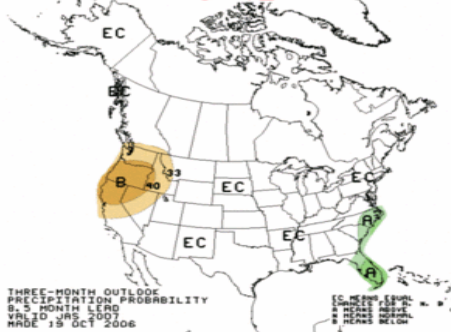
May-Jun-Jul_2007



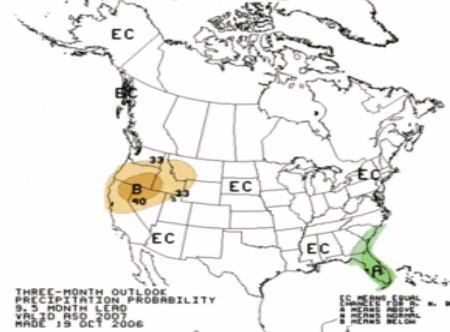
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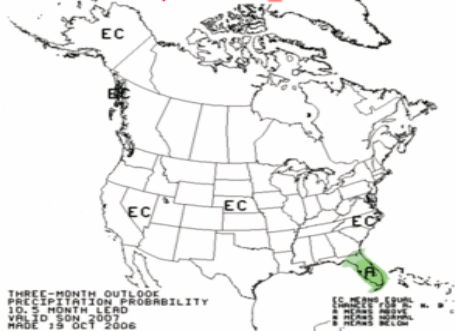
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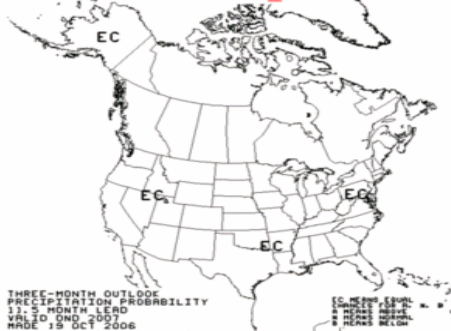
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Oct-Nov-Dec_2007



Nov-Dec-Jan_2007

