

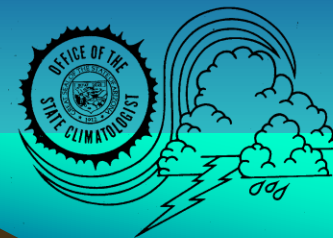
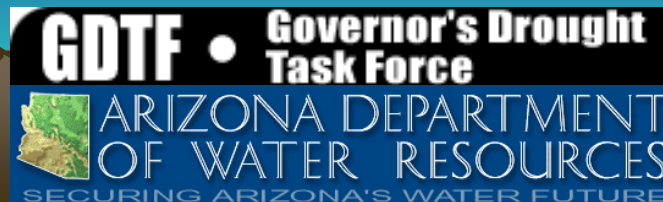
Drought Monitoring Technical Committee Update

to the

Arizona Interagency Coordinating Group

May 13, 2014

Nancy J. Selover
Arizona State Climate Office
Arizona State University
azclimate.asu.edu



Arizona Drought Monitoring Technical Committee



ARIZONA DIVISION OF EMERGENCY MANAGEMENT



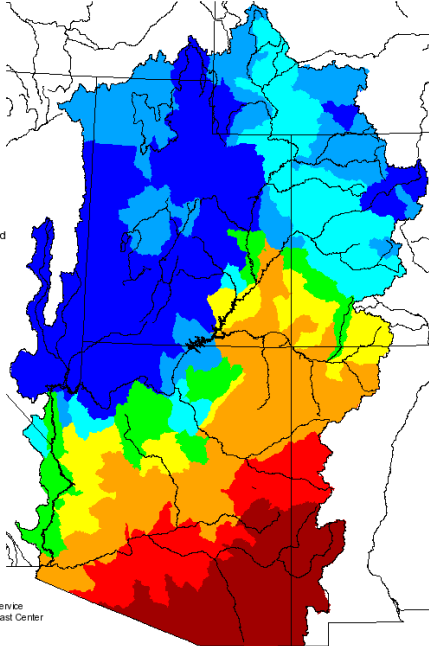
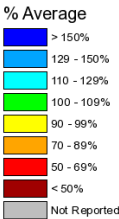
OFFICE OF THE ARIZONA STATE CLIMATOLOGIST



Precipitation Comparison Colorado River Basin

WY 2011

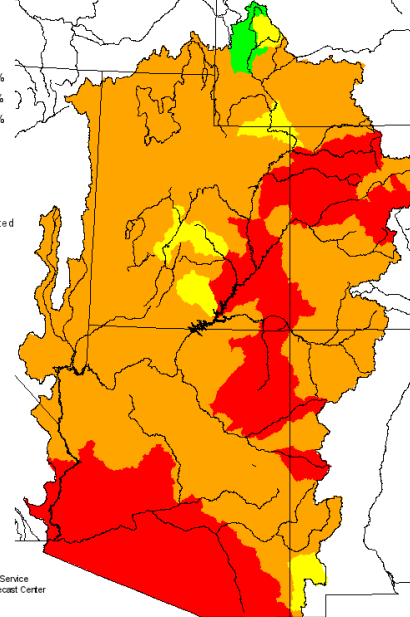
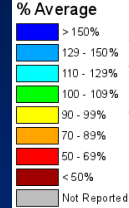
Seasonal Precipitation, October 2010 - April 2011
(Averaged by Hydrologic Unit)



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

WY 2012

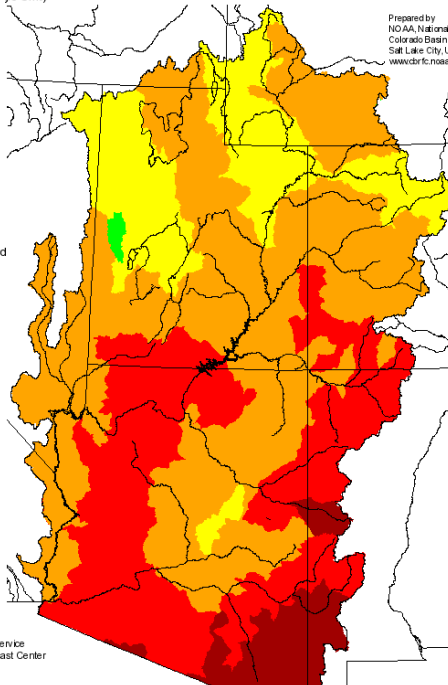
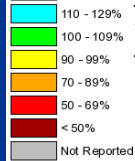
Seasonal Precipitation, October 2011 - April 2012
(Averaged by Hydrologic Unit)



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

WY 2013

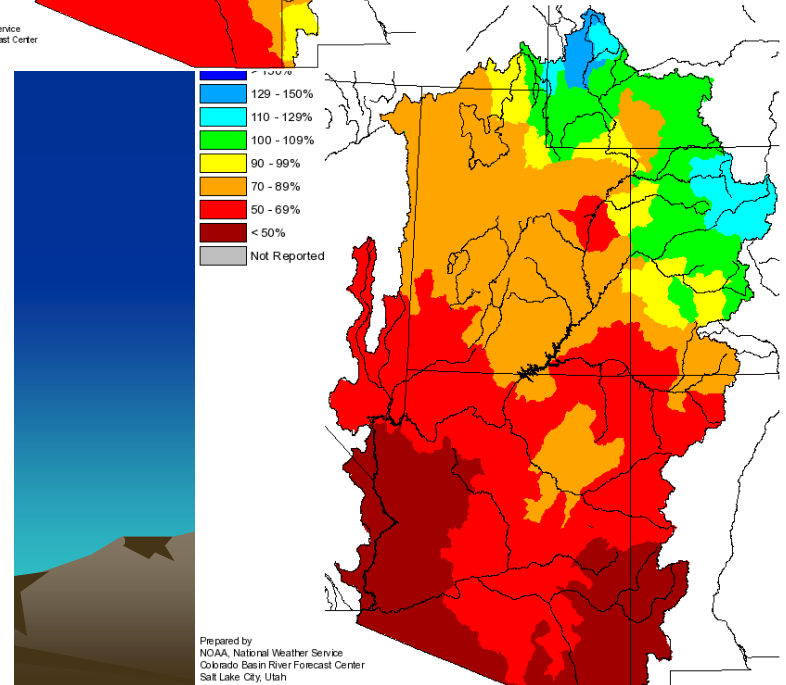
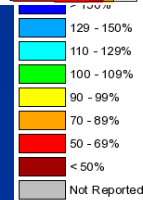
Seasonal Precipitation, October 2012 - April 2013
(Averaged by Hydrologic Unit)



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

WY 2014

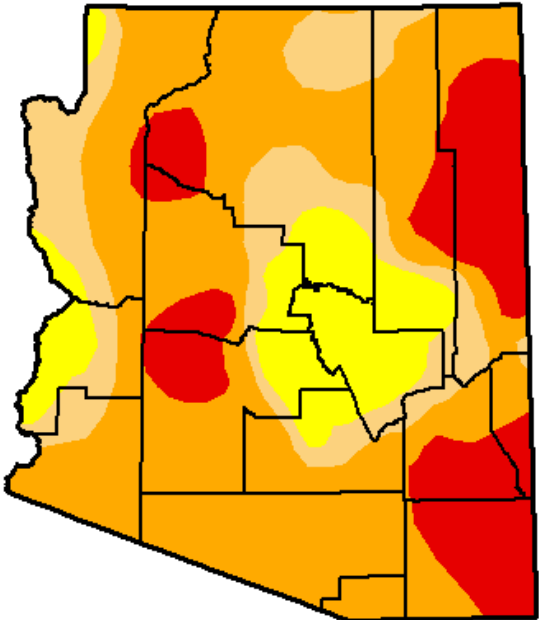
Seasonal Precipitation, October 2013 - April 2014
(Averaged by Hydrologic Unit)



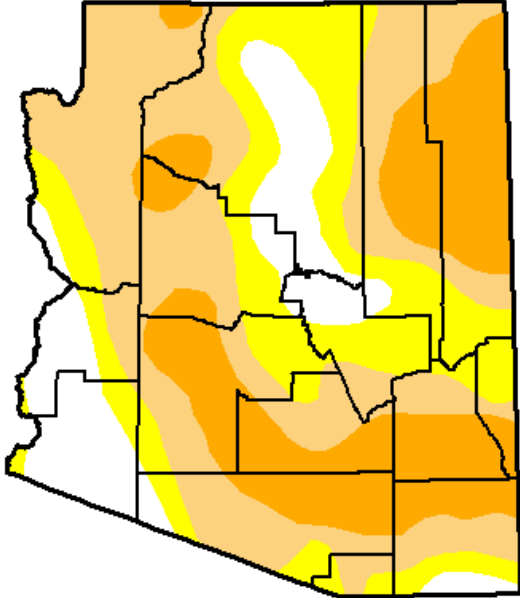
Prepared by
NOAA, National Weather Service
Colorado Basin River Forecast Center
Salt Lake City, Utah

National Drought Monitor Comparison (Short-Term)

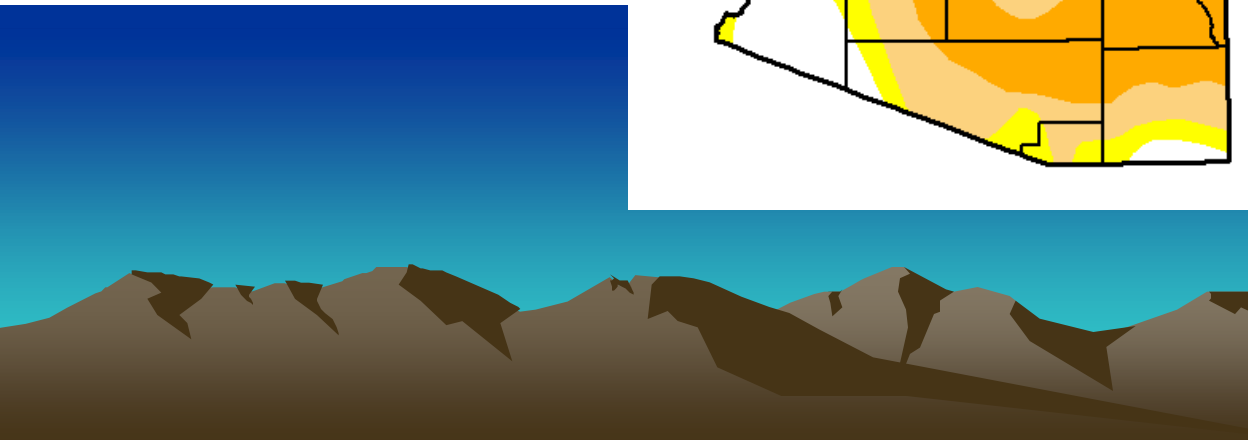
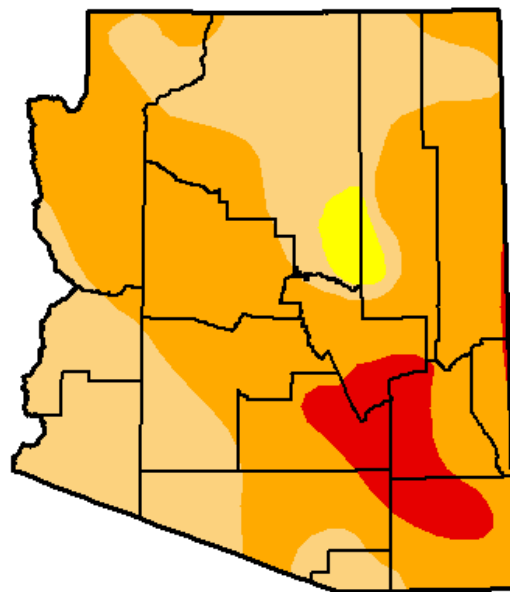
May 7, 2013



Nov 5, 2013



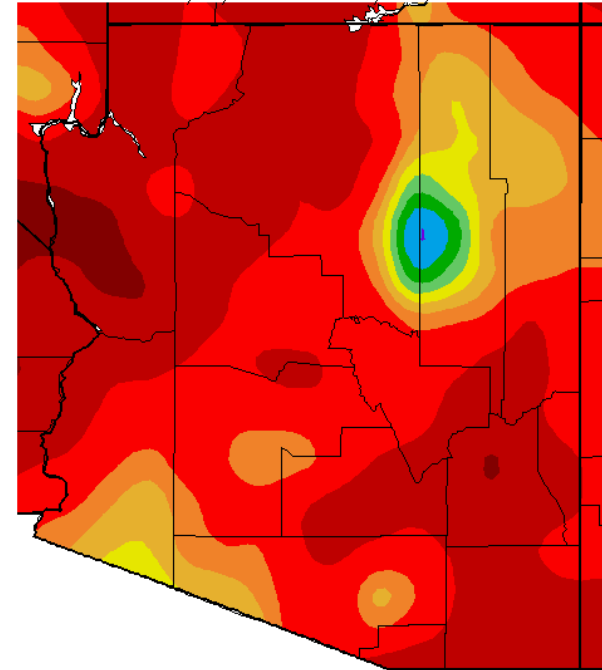
May 6, 2014



WY 2014 Precipitation

WY 2014

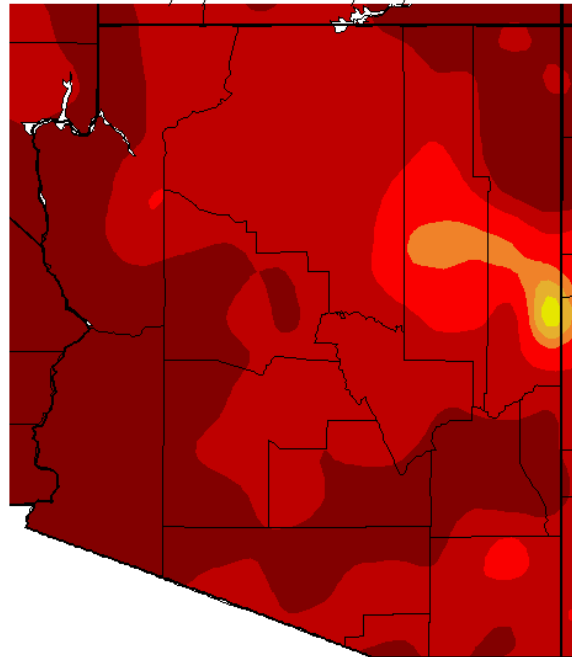
Percent of Average Precipitation (%)
10/1/2013 - 4/30/2014



25 50 70 80 90 100 110 120 130 150 175
Generated 5/01/2014 at WRCC using provisional data.
NOAA Regional Climate Centers

Jan-Apr 2014

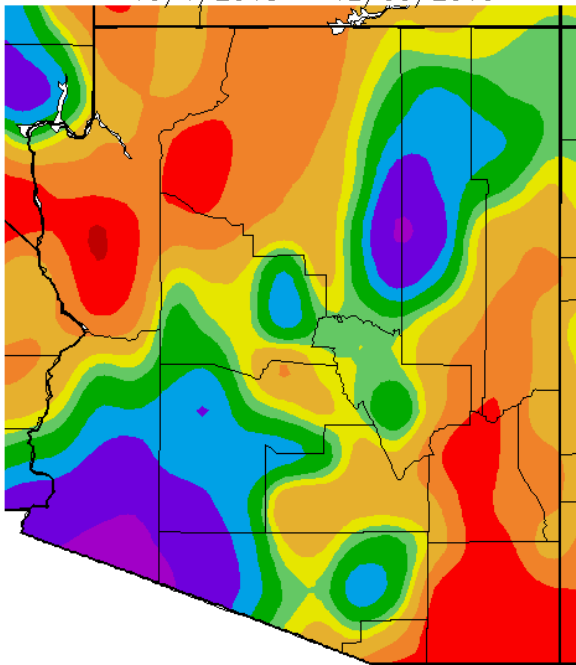
Percent of Average Precipitation (%)
1/1/2014 - 4/30/2014



25 50 70 80 90 100 110 120 130 150 175
Generated 5/01/2014 at WRCC using provisional data.
NOAA Regional Climate Centers

Oct-Dec 2013

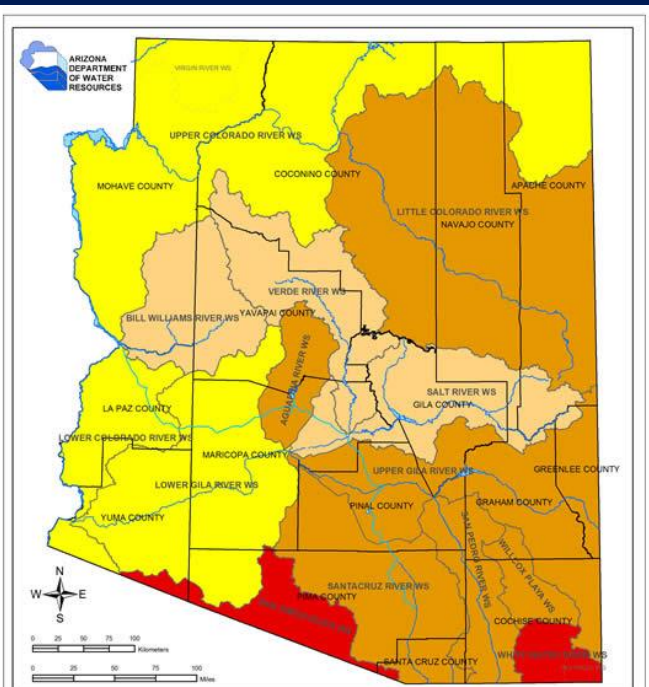
Percent of Average Precipitation (%)
10/1/2013 - 12/30/2013



5 25 50 70 90 100 110 130 150 200 300
Generated 12/31/2013 at WRCC using provisional data.
NOAA Regional Climate Centers

Long Term Drought Status Comparison

Apr 2013



April 2013 Long Term Drought Status
Data Through March 31st, 2013

Watershed Drought Level**

- No Drought
- D0 Abnormally Dry
- D1 Drought - Moderate
- D2 Drought - Severe
- D3 Drought - Extreme
- D4 Drought - Exceptional

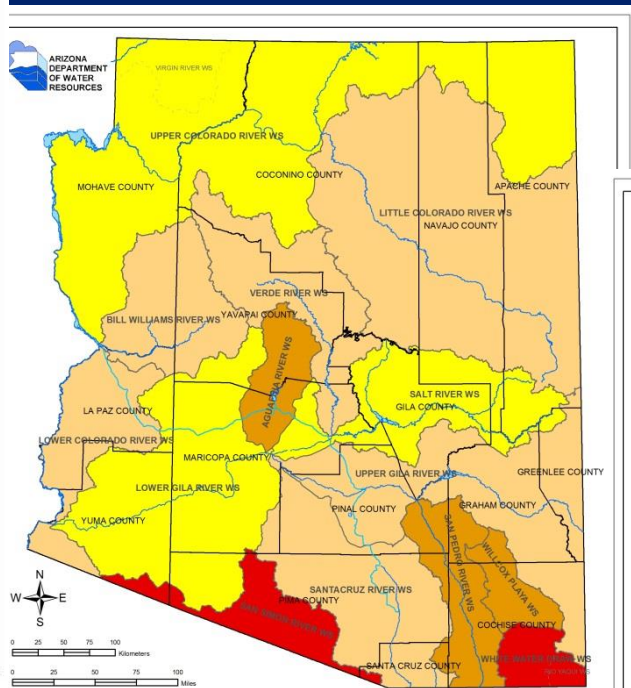
Counties

- Lakes
- Rivers
- CAP Aqueduct
- Merged Watershed*

Arizona Drought Preparedness Plan
Monitoring Technical Committee

* Watershed merged due to limited data.
** As of January 2011, drought categories have been adjusted to be consistent with the U.S. Drought Monitor.

Oct 2013



October 2013 Long Term Drought Status
Data Through September 30th, 2013

Watershed Drought Level**

- No Drought
- D0 Abnormally Dry
- D1 Drought - Moderate
- D2 Drought - Severe
- D3 Drought - Extreme
- D4 Drought - Exceptional

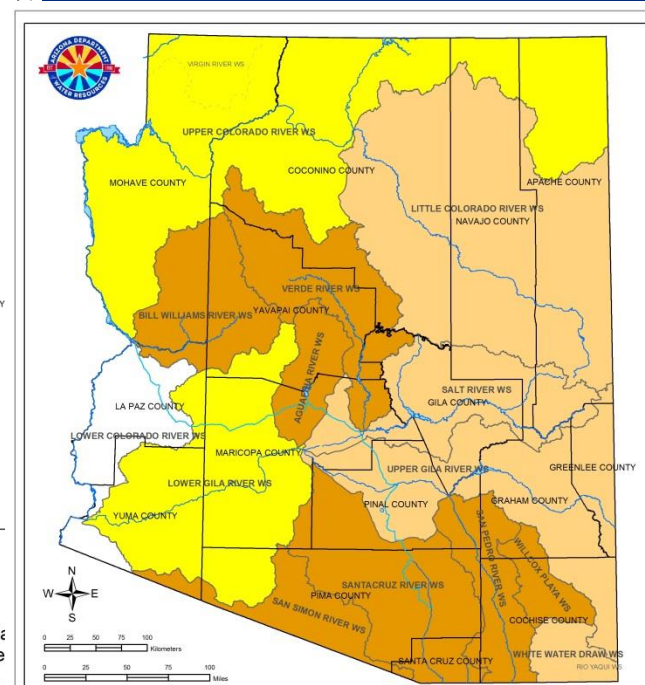
Counties

- Lakes
- Rivers
- CAP Aqueduct
- Merged Watershed*

Arizona Drought Preparedness Plan
Monitoring Technical Committee

* Watershed merged due to limited data.
** As of January 2011, drought categories have been adjusted to be consistent with the U.S. Drought Monitor.

Apr 2014



April 2014 Long Term Drought Status
Data Through March 31st, 2014

Watershed Drought Level**

- No Drought
- D0 Abnormally Dry
- D1 Drought - Moderate
- D2 Drought - Severe
- D3 Drought - Extreme
- D4 Drought - Exceptional

Counties

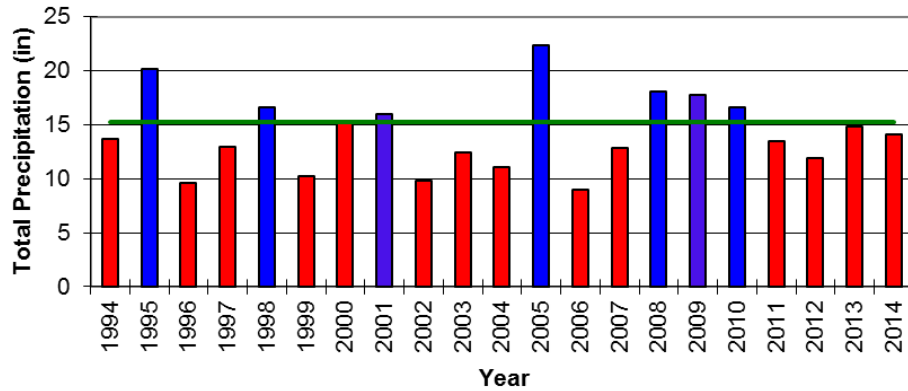
- Lakes
- Rivers
- CAP Aqueduct
- Merged Watershed*

Arizona Drought Preparedness Plan
Monitoring Technical Committee

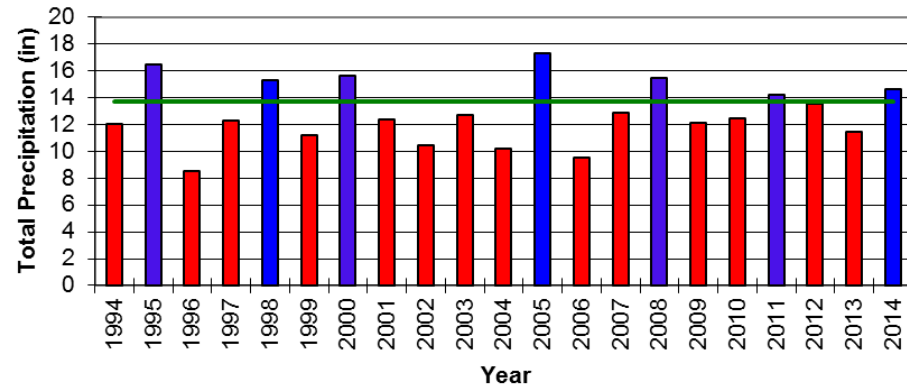
* Watershed merged due to limited data.
** As of January 2011, drought categories have been adjusted to be consistent with the U.S. Drought Monitor.

Precipitation in Selected Watersheds for Past 21 Years

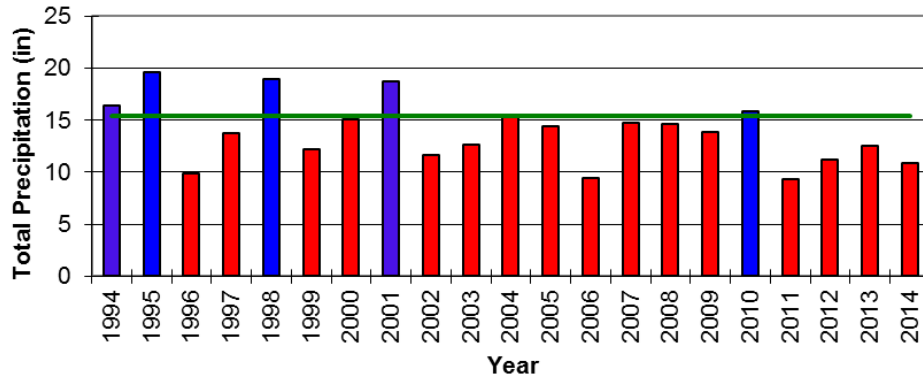
**Salt Watershed 12-month Precipitation
(Oct-Sep) Median 15.23"
7 of last 21 years > median**



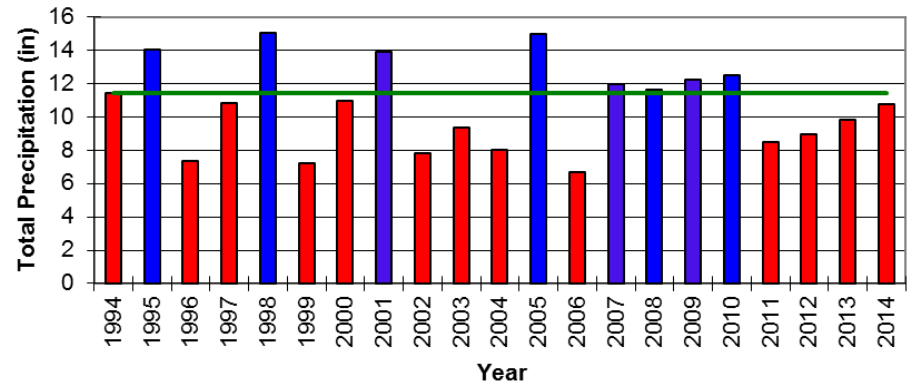
**Little Colorado Watershed 12-month Precipitation
(Oct-Sep) Median 13.68"
7 of last 21 years > median**



**Santa Cruz Watershed 12-month Precipitation
(Oct-Sep) Median 15.43"
5 of last 21 years > median**



**Upper Gila Watershed 12-month Precipitation
(Oct-Sep) Median 11.46"
8 of last 21 years > median**



Thank you !

Questions ?

**Nancy J. Selover
Arizona State Climate Office
Arizona State University**

**480-965-0580
selover@asu.edu**

<http://azclimate.asu.edu>

