

MONTH IN REVIEW FOR NORTHERN ARIZONA FOR OCTOBER 2015

... OCTOBER TEMPERATURE AND PRECIPITATION OVERVIEW ...

October 2015 was warmer and much wetter than normal over northern Arizona. Overnight low temperatures were especially mild as a result of cloud cover. An area of low pressure moved into the region from the northwest from October 4th through the 6th bringing rain. This low moved south of Arizona by the 7th and high pressure brought near record highs from the 11th to the 15th. The low took an unusual track after it left Arizona, moving south along Baja California, west into the Pacific, then back onshore affecting Arizona for a second time from the 16th to 22nd with another round of significant rainfall.

OCTOBER DATA AND DEPARTURES FROM NORMAL FOR SELECTED CITIES:

	Max T		Min T		Precip		% Normal
	Avg	Dep	Avg	Dep		Dep	
Flagstaff	63.0	+1.0	36.7	+5.2	3.72"	+2.06"	224%
Winslow	74.0	+0.6	44.8	+5.5	1.99"	+1.46"	375%
Prescott AP	73.3	+1.7	47.4	+5.9	1.97"	+1.05"	214%
Prescott WTP	72.9	+1.2	44.8	+5.1	2.57"	+1.55"	252%
St Johns AP	72.1	-0.9	42.7	+5.1	1.69"	+0.61"	156%
Grand Canyon AP	66.8	+2.3	36.5	+8.1	4.09"	+2.55"	267%
Bellemont	64.0	+1.1	34.3	+7.5	3.96"	+2.18"	222%
Show Low AP	67.3	-1.1	44.9	+5.0	2.95"	+1.53"	208%
Page Airport	73.5	+3.7	54.0	+5.8	1.78"	+0.74"	171%
Seligman	74.2	+0.3	44.8	+7.2	1.44"	+0.33"	130%
Window Rock Airport	69.0	+3.7	36.8	+5.5	1.62"	+0.57"	154%

While the average monthly temperatures (average of highs and lows) were in the top 30% of all years for most areas, what was most remarkable about this month were the mild overnight low temperatures. Many locations were near the top of the all-time rankings for warmest October low temperatures, due mainly to cloud cover which tends to keep overnight lows warmer. Here are some values and rankings from around the region:

OCTOBER 2015 LOW TEMPERATURE RANKINGS

Location	Average Low Temperature	All-Time Ranking	Period of Record
Flagstaff	36.7	1st Warmest	1898-2015
Grand Canyon Airport	36.5	1st Warmest	1996-2015
Page	54	1st Warmest	1958-2015
Seligman	44.8	1st Warmest	1905-2015
Show Low	44.9	1st Warmest	1984-2015
Payson	46.5	2nd Warmest	1948-2015
Prescott Airport	47.4	2nd Warmest	1948-2015
Prescott Water Plant	44.8	2nd Warmest	1898-2015
Winslow	44.8	7th Warmest	1898-2015

OCTOBER 2015 PRECIPITATION RANKINGS

Location	October Precipitation	All-Time Ranking	Period of Record
Flagstaff	3.72"	9th Wettest	1898-2015
Grand Canyon Airport	4.08"	2nd Wettest	1996-2015
Page	1.78"	8th Wettest	1958-2015
Seligman	1.44"	17th Wettest	1905-2015
Show Low	2.95"	3rd Wettest	1984-2015
Payson	2.72"	12th Wettest	1948-2015
Prescott Airport	1.97"	8th Wettest	1948-2015
Prescott Water Plant	2.57"	14th Wettest	1898-2015
Winslow	1.99"	6th Wettest	1898-2015

Additional Precipitation Reports from our COOP Stations:

<u>Location</u>	<u>October Precipitation (inches)</u>
Alpine	2.56
Bagdad	2.84
Bellefont NWS	3.96
Blue Ridge Ranger Station	3.50
Bright Angel Ranger Station	1.93
Canyon de Chelly	2.07
Castle Hot Springs	1.90
Chino Valley	2.05
Flagstaff Airport	3.72
Grand Canyon Airport	4.09
Grand Canyon Visitor Center	4.75
Jerome	1.80
Oak Creek	3.53
Page	1.78
Payson	2.72
Phantom Ranch	2.62
Prescott Airport	1.97
Prescott City	2.57
Saint Johns	1.69
Seligman	1.44
Show Low Airport	2.94
Sunset Crater N.M.	5.46
Walnut Canyon N.M.	3.74
Williams	3.22
Window Rock	1.62
Winslow Airport	1.99
Wupatki	2.90

...SIGNIFICANT WEATHER...

Hail, Flooding, Heavy Rain and Tornado Reports

<u>Time/Date</u>	<u>City/County</u>	<u>Lat/Lon</u>
1025 PM HAIL 10/18/2015 0.70 INCH	FLAGSTAFF COCONINO	35.19N 111.62W AZ PUBLIC
1113 PM HAIL 10/19/2015 0.75 INCH	11 SW BAGDAD YAVAPAI	34.46N 113.31W AZ PUBLIC

0320 AM HAIL 2 E BELLEMONT 35.23N 111.78W
10/20/2015 0.50 INCH COCONINO AZ NWS EMPLOYEE

HAIL COVERING INTERSTATE 40

0530 AM HAIL FLAGSTAFF 35.19N 111.62W
10/20/2015 0.70 INCH COCONINO AZ WEB REPORT

CENTRAL AND EAST FLAGSTAFF HAIL PEA TO DIME-SIZED
COVERED THE GROUND UP TO AN INCH DEEP

0942 AM HAIL 6 NE METEOR CRATER 35.09N 110.95W
10/20/2015 0.70 INCH COCONINO AZ TRAINED SPOTTER

METEOR CRATER REST AREA

1013 AM HAIL 15 MILES N WINSLOW 35.24N 110.73W
10/20/2015 1.50 INCH NAVAJO AZ EMERGENCY MNGR

PHOTO FROM LAW ENFORCEMENT...EM RELAYED IMAGE TO NWS
FLAGSTAFF.

1130 AM FLASH FLOOD 1 ENE CASTLE BUTTE 35.31N 110.33W
10/20/2015 NAVAJO AZ LAW ENFORCEMENT

WATER WAS UP TO 2 FEET DEEP ON CASTLE BUTTE ROAD...EAST
OF MILEPOST 8 OFF NAVAJO ROUTE 60.

1136 AM FLASH FLOOD 6 SSE CONGRESS 34.08N 112.81W
10/20/2015 YAVAPAI AZ OTHER FEDERAL

MARICOPA COUNTY FLOOD WARNING BRANCH SHARED IMAGES OF
FLOWING WATER IN MARTINEZ WASH NEAR WICKENBURG

0100 PM TORNADO 5 W CORNFIELDS 35.65N 109.77W
10/20/2015 APACHE AZ EMERGENCY MNGR

NO PROPERTY DAMAGE OR INJURIES WERE REPORTED.

**Tornado 5 miles west of Cornfields in Apache
County around 1PM October 20th**



0156 PM HAIL PINETOP-LAKESIDE 34.15N 109.97W
10/20/2015 0.70 INCH NAVAJO AZ LAW ENFORCEMENT

PINETOP-LAKESIDE POLICE DEPT REPORTED DIME-SIZED HAIL

1220 PM HAIL 5 W CORNFIELDS 35.65N 109.76W
10/21/2015 1.00 INCH APACHE AZ PUBLIC

0330 PM HAIL DEWEY-HUMBOLDT 34.53N 112.25W
10/21/2015 0.25 INCH YAVAPAI AZ EMERGENCY MNGR

YAVAPAI COUNTY EM REPORTED UP TO 2 INCHES OF HAIL
COVERING GROUND AT JUNCTION OF SR-169 AND SR-69 NEAR
DEWEY-HUMBOLDT...SNOW PLOWS WERE NEEDED TO CLEAR ROADS

0203 PM HAIL COTTONWOOD 34.73N 112.02W
10/29/2015 0.75 INCH YAVAPAI AZ TRAINED SPOTTER

GROUND WHITE FROM HAIL ACCUMULATION.

Record Reports

A RECORD DAILY RAINFALL OF 0.65 INCHES WAS SET AT PRESCOTT AZ
AIRPORT OCTOBER 16TH. THIS BREAKS THE OLD RECORD OF 0.51 SET IN 1971.

A RECORD HIGH TEMPERATURE OF 85 DEGREES WAS SET AT WINSLOW AZ AIRPORT
OCTOBER 14TH. THIS TIES THE OLD RECORD OF 85 SET IN 1967.

A RECORD HIGH TEMPERATURE OF 87 DEGREES WAS SET AT PRESCOTT AZ AIRPORT
OCTOBER 14TH. THIS TIES THE OLD RECORD OF 87 SET IN 1991.

A RECORD HIGH TEMPERATURE OF 78 DEGREES WAS SET AT FLAGSTAFF AZ AIRPORT
OCTOBER 14TH. THIS TIES THE OLD RECORD OF 78 SET IN 1991.

A RECORD RAINFALL OF 0.66 INCH(ES) WAS SET AT WINSLOW AZ AIRPORT
OCTOBER 5TH. THIS BREAKS THE OLD RECORD OF 0.59 SET IN 1933.