

MONTH IN REVIEW FOR NORTHERN ARIZONA FOR AUGUST 2014

...TEMPERATURE AND PRECIPITATION OVERVIEW...

August was cooler and wetter than normal for most of northern Arizona. Abundant moisture led to many days of active thunderstorms. Southern Coconino and most of Yavapai County received the most rainfall, with this August among the wettest on record for several locations. With all the clouds and rain, daytime high temperatures were well below normal.

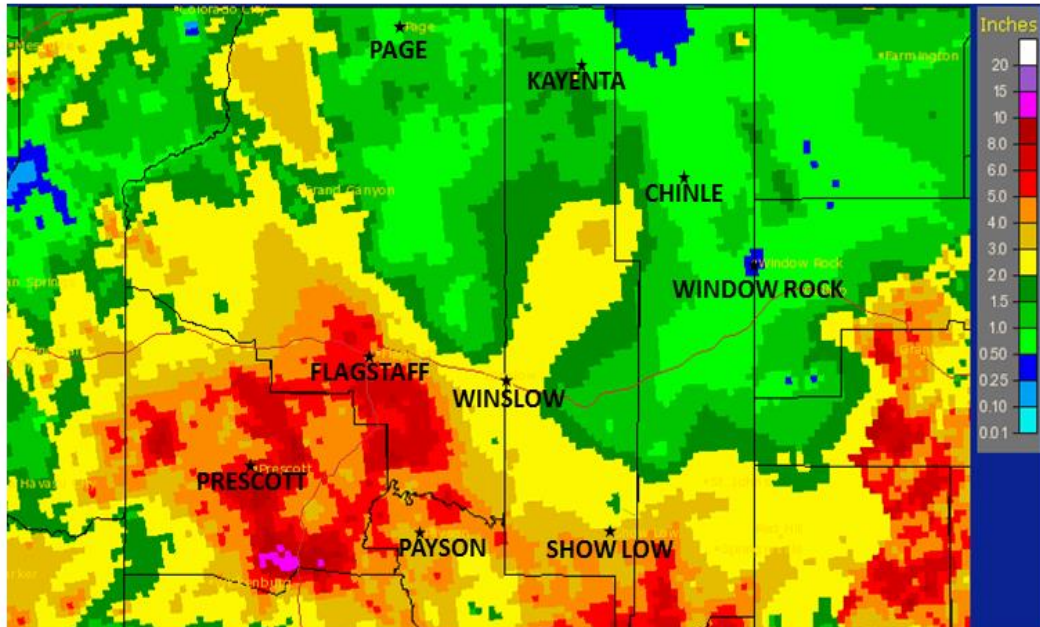
AUGUST DATA AND DEPARTURES FROM NORMAL FOR SELECTED CITIES:

	Max Temp	Dep	Min Temp	Dep	PCPN	Dep	%Normal
Flagstaff Airport	74.6	-3.8	49.5	-0.6	5.31"	+2.20"	171%
Winslow Airport	89.0	-2.2	59.7	-1.1	2.68"	+1.48"	223%
Prescott Airport	84.0	-2.6	59.0	-1.5	4.67"	+2.05"	178%
Prescott (WTP)	84.0	-2.1	57.9	-1.0	8.31"	+5.22"	269%
St Johns Airport	84.9	-2.1	58.5	-0.7	2.76"	+0.52"	123%
Bellemont	74.7	-3.0	45.5	-0.8	6.98"	+3.74"	215%
Show Low Airport	79.7	-3.3	56.2	-0.9	3.34"	-0.01"	100%
Cottonwood	93.2	-3.9	63.7	-2.3	5.93"	+3.91"	294%
Seligman	84.5	-5.5	55.1	-0.7	2.79"	+0.61"	128%
Page Airport	91.5	-1.0	68.2	+0.1	1.37"	+0.20"	117%
Window Rock AP	83.5	+0.3	50.7	-1.4	0.44"	-1.48"	23%

Precipitation and Temperature Rankings for Selected Locations:

<u>Location</u>	<u>Precip Ranking</u>	<u>Temperature Ranking</u>	<u>Period of Record</u>
Chino Valley	1 st Wettest	32 nd Coolest	1941-2014
Cottonwood	1 st Wettest	7 th Coolest	1920-2014
Bellemont	2 nd Wettest	1 st Coolest	1994-2014
Prescott (Water Plant)	5 th Wettest	54 th Coolest	1898-2014
Oak Creek Canyon	5 th Wettest	9 th Coolest	1935-2014
Prescott Airport	6 th Wettest	3 rd Coolest	1948-2014
Flagstaff	8 th Wettest	14 th Coolest	1899-2014
Winslow	8 th Wettest	18 th Coolest	1915-2014

August 2014 Total Precipitation



Here are some additional monthly precipitation totals from our Co-operative weather observers.

<u>LOCATION</u>	<u>AUGUST PRECIPITATION</u>
ALPINE R.S.	4.85
BAGDAD	5.07
BELLEMONT WFO	6.98
BETATAKIN	1.80
BLUE RIDGE R.S.	5.20
BRIGHT ANGEL R.S.	3.39
CHINO VALLEY	7.09
FLAGSTAFF AIRPORT (ASOS)	5.31
GISELA	1.59
GRAND CANYON EAST ENTRANCE	2.68
GRAND CANYON VISITOR CENTER	2.35
HEBER (BLACK MESA) R.S.	3.83

JEROME	6.38
KEAMS CANYON	3.71
MCNARY 2 N	5.47
MONTEZUMA CASTLE N.M.	5.40
NATURAL BRIDGE	3.71
OAK CREEK	5.52
PAGE (ASOS)	1.37
PAINTED DESERT N.P.	0.72
PAYSON	4.11
PETRIFIED FOREST N.P.	1.13
PHANTOM RANCH	1.37
PINETOP 2E	5.46
PRESCOTT AIRPORT (ASOS)	4.67
PRESCOTT (CITY WATER PLANT)	8.31
SAINT JOHNS (ASOS)	2.76
SELIGMAN	2.79
SHOW LOW AIRPORT	3.34
SNOWFLAKE	2.27
SUNRISE MOUNTAIN	7.07
SUNSET CRATER N. M.	3.95
TUZIGOOT N.M.	5.93
WALNUT CANYON N. M.	4.53
WILLIAMS	4.97
WINDOW ROCK (ASOS)	0.44
WINSLOW AIRPORT (ASOS)	2.68

...SIGNIFICANT WEATHER...

August 4th Heavy Rain and Flooding in St. Johns:

Around 1:50 PM MST, flooding was reported in St. Johns due to very heavy rainfall. At least 6 homes were flooded.

August 10th Storms with Hail and Localized Flooding:

Thunderstorms with hail and heavy rain affected portions of central Arizona. Dime size hail was reported in Sedona at 5:15 PM. Quarter inch hail and 50 mph winds were reported in Pine. Dime size hail and street flooding were also reported in Cottonwood at 6 PM.

August 12th Heavy Rain and Flooding in Yavapai County

Thunderstorms with very heavy rain developed during the mid to late evening hours across portions of Yavapai County. County road 15 was washed out near Yava at 6 pm due to flooding. The stream gage on the Agua Fria river near Humboldt showed a sharp rise due to a flash flood at 645 pm. Low water crossings were flooded in the Prescott Country Club neighborhood. Extreme rainfall around 9 pm prompted the closure of Interstate 17 from Sunset Point to Black Canyon City due to rockslides and numerous traffic accidents. Side roads were flooded underneath the interstate.

August 14th Heavy Rain and Flooding in Southern Navajo/Apache Counties:

Rainfall amounts of 1.50 to 3.00 inches affected portions of southern Navajo and Apache Counties during the late afternoon and early evening hours. Flooding and stuck vehicles were reported from the White Mountain Lake area to State Route 61 around 15 miles northeast of Show Low.

Nickel size hail was reported at 720 pm just southwest of Al Mountain 4 miles east of Bellemont.

August 19th Very Heavy Rain and Flooding in Yavapai County:

A disturbance moving northward across the region brought very heavy rain to Yavapai County. Many areas saw heavy rain, but the southeastern sections of the county were the hardest hit by far with a general 2 to 4 inch rainfall. Humbug Creek reported 6.02", Black Canyon City 5.71", Crown King 5.24". The worst flooding was reported around Black Canyon City. Flooding along and downstream from the Black Canyon Creek/Agua Fria River confluence prompted the evacuation of the River's Edge Trailer Park, where several trailers and vehicles were damaged. Flooding along these streams reached levels rarely seen during the Monsoon season. Typically, floods of this magnitude are caused by large scale heavy rain from winter storms.

August 25th Flooding near Bagdad:

Rainfall of 1-2 inches in a short period caused flooding along highways 96 and 97 south and east of Bagdad around 345 pm. Rocks were washed onto the roadway, and state road crews were dispatched to clear the roads.

August 26th Severe Thunderstorm and Flooding at Bagdad:

A severe thunderstorm moved into the Bagdad area from the west at around 1250 pm. Rainfall of 0.88" was reported at the mine in a 20 minute period, with 1.55" in the town of Bagdad. The heavy rain caused flooding, with 14 homes damaged. A peak wind gust of 72 mph was reported with this storm. Numerous power poles were downed, car windows were broken by debris, and a 100 foot radio tower was toppled.