

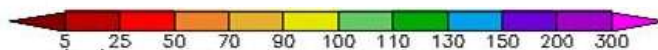
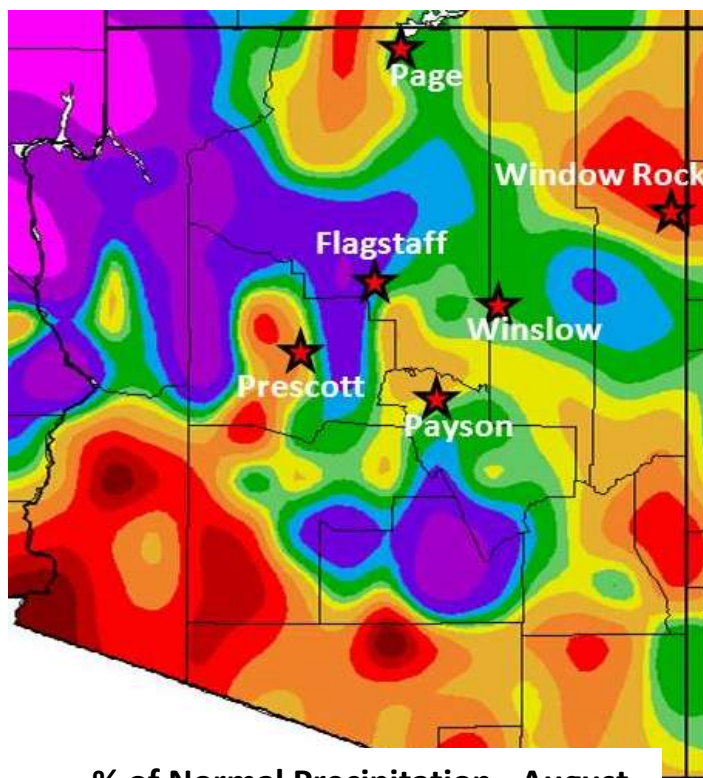
# MONTH IN REVIEW FOR NORTHERN ARIZONA FOR AUGUST 2012

## ...TEMPERATURE AND PRECIPITATION OVERVIEW...

August was warmer than normal across northern Arizona. The summer monsoon also continued to deliver near to above normal rainfall with daily rounds of showers and thunderstorms. Central and western Coconino county, as well as western Yavapai county were especially wet.

### AUGUST DATA AND DEPARTURES FROM NORMAL FOR SELECTED CITIES:

|                 | MAX  | DEP  | MIN  | DEP  | PCPN | DEP   | PCPN  |
|-----------------|------|------|------|------|------|-------|-------|
|                 | TEMP | NORM | TEMP | NORM | TOTL | NORM  | %NORM |
| Flagstaff       | 79.7 | +1.3 | 52.3 | +2.2 | 2.59 | -0.52 | 83%   |
| Winslow         | 93.5 | +2.3 | 63.2 | +2.4 | 1.30 | +0.10 | 108%  |
| Prescott AP     | 89.0 | +2.4 | 63.2 | +2.7 | 2.92 | +0.30 | 112%  |
| Prescott WTP    | 87.6 | +1.5 | 61.2 | +2.3 | 1.80 | -1.29 | 58%   |
| St Johns        | 88.7 | +2.3 | 60.2 | +3.0 | 3.31 | +1.02 | 145%  |
| Grand Canyon AP | 83.9 | +2.1 | 50.4 | +3.3 | 1.17 | -1.20 | 49%   |
| Bellefont       | 80.1 | +2.4 | 49.2 | +2.9 | 7.81 | +4.57 | 241%  |
| Show Low AP     | 84.4 | +1.4 | 59.4 | +2.3 | 3.12 | -0.23 | 93%   |
| Seligman        | 89.8 | -0.2 | 59.1 | +3.3 | 3.85 | +1.67 | 177%  |



The month was significantly warmer than usual in much of the region. Here is how this August ranked all-time in selected locations:

| <u>Location</u>    | <u>Rank</u>              |
|--------------------|--------------------------|
| Winslow            | 5 <sup>th</sup> Warmest  |
| Prescott           | 5 <sup>th</sup> Warmest  |
| Canyon de Chelly   | 7 <sup>th</sup> Warmest  |
| Castle Hot Springs | 8 <sup>th</sup> Warmest  |
| Flagstaff          | 18 <sup>th</sup> Warmest |

Here are some other precipitation totals from our Co-operative observers around northern Arizona.

| <u>LOCATION</u>            | <u>AUGUST PRECIP</u> |
|----------------------------|----------------------|
| ALPINE RANGER STATION      | 3.12                 |
| BAGDAD                     | 5.28                 |
| BETATAKIN                  | 1.85                 |
| BLUE RIDGE RANGER STATION  | 4.68                 |
| CANYON DE CHELLY           | 0.84                 |
| CASTLE HOT SPRINGS         | 3.05                 |
| FLAGSTAFF 4SW (ARBORETUM)  | 5.53                 |
| FORT VALLEY                | 5.03                 |
| FREDONIA 7SSE              | 0.67                 |
| JEROME                     | 5.49                 |
| LEES FERRY                 | 0.33                 |
| MCNARY 2N                  | 5.83                 |
| OAK CREEK                  | 3.57                 |
| PAGE (ASOS)                | 0.14                 |
| PAINTED DESERT             | 2.60                 |
| PAYSON                     | 2.45                 |
| PAYSON RANGER STATION      | 2.24                 |
| PETRIFIED FOREST NATL PARK | 2.62                 |
| PHANTOM RANCH              | 2.76                 |
| PINETOP 2E                 | 4.26                 |
| SELIGMAN                   | 3.85                 |
| SNOWFLAKE                  | 2.21                 |
| SPRINGERVILLE              | 2.91                 |
| SUNRISE MOUNTAIN           | 4.35                 |
| SUNSET CRATER NATL MON     | 5.27                 |
| TEEC NOS POS               | 0.97                 |

|                               |             |
|-------------------------------|-------------|
| <b>WALNUT CANYON NATL MON</b> | <b>3.44</b> |
| <b>WHITERIVER 1 SW</b>        | <b>2.52</b> |
| <b>WILLIAMS</b>               | <b>3.93</b> |
| <b>WINDOW ROCK (ASOS)</b>     | <b>1.58</b> |

**The National Weather Service office in Bellemont received 7.81 inches of rain in August. This was the wettest calendar month since the office opened at the current location in 1994.**

### **...SIGNIFICANT WEATHER...**

**August 8:** Record High temperature of 103 at Page, 100 at Prescott Airport, and 98 at Prescott Co-op.

**August 9:** Record High temperature of 100 at Winslow.

**August 10:** Record High temperature of 97 at Prescott Airport, and 97 at Prescott Co-op.

**August 16:** Nickel sized hail reported in Flagstaff. Dime size hail 5 miles west of Seligman.

**August 18:** Nickel size hail at Saint Johns. Flooding reported near the Locust burn area at Whiteriver, water on highway 73.

**August 19:** Flooding reported on highway 73 at Whiteriver near the Locust burn area for the 2<sup>nd</sup> consecutive day.

**August 20:** Heavy rain in southern Utah caused rapid rises on the Paria River near Lee's Ferry. The river level rose 4 feet at 130 AM. Paulden reported 55 MPH winds from an afternoon thunderstorm. At the Tal-Wi-Wi neighborhood near the Wallow burn area in the White Mountains, 2.25 inches of rain was measured in 30 minutes. Flooding was reported in this area, with highway 180 closed due to debris covering the road.

**August 21:** Bagdad received 2.23 inches of rain in a short period. Highway 97 near Bagdad was flooded. A flash flood on Young-Heber (Road 512) caused the road to be closed while debris was cleared.

**August 23:** A round of heavy rain moved across the entire region during the early morning hours, reaching eastern Arizona by Noon. Some of the heaviest rain occurred in eastern Arizona, with flooding reported on Navajo 15 near Cornfields and street flooding in Saint Johns. By later in the afternoon, strong thunderstorms redeveloped

in eastern Arizona. Saint Johns reported a wind gust to 70 MPH with trees down in town.

PLEASE SEND QUESTIONS OR COMMENTS TO [W-FGZ.WEBMASTER@NOAA.GOV](mailto:W-FGZ.WEBMASTER@NOAA.GOV)