

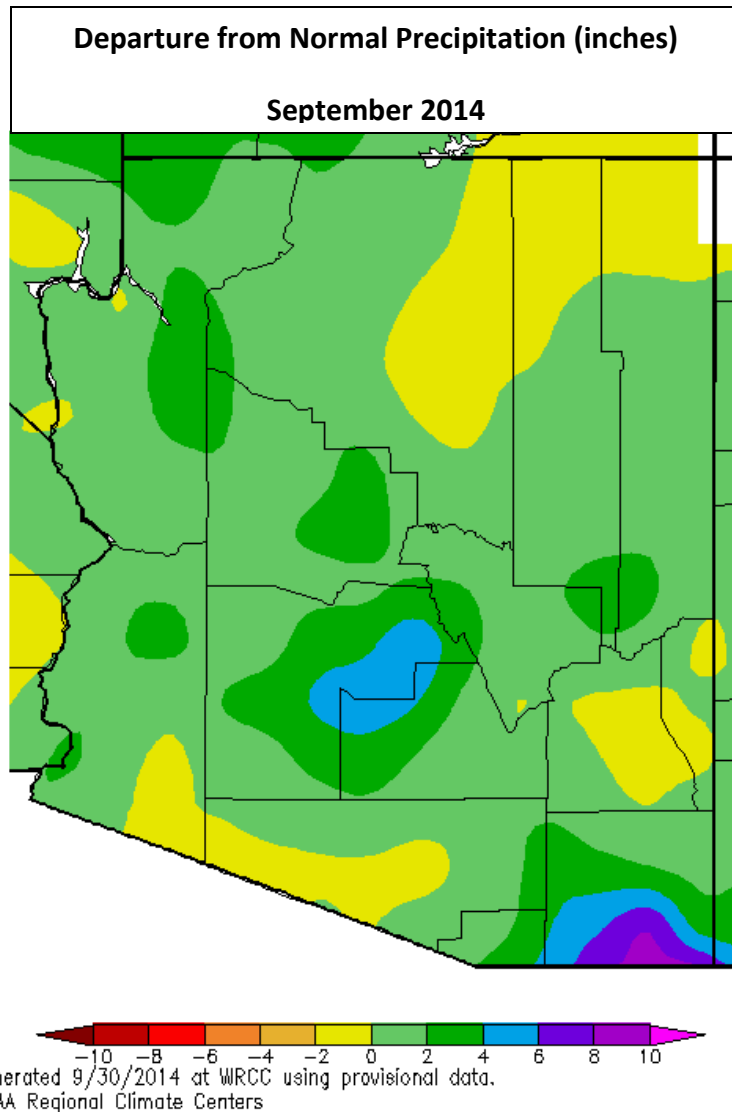
MONTH IN REVIEW FOR NORTHERN ARIZONA FOR SEPTEMBER 2014

...TEMPERATURE AND PRECIPITATION OVERVIEW...

The majority of northern Arizona saw above normal monsoon rainfall continue through September. Most locations observed wetter than normal conditions except in the northeast corner of the state. High temperatures were very close to normal everywhere except north central and northeastern Arizona where less moisture and thunderstorm activity led to warmer than normal daytime temperatures. Low temperatures across the area were warmer than normal.

SEPTEMBER DATA AND DEPARTURES FROM NORMAL FOR SELECTED CITIES:

Location	Avg Max Temp	Departure from normal	Avg Min Temp	Departure from normal	Precip	Departure from normal	
Flagstaff Airport	73.5	+0.6	45.5	+3.5	3.10"	+0.72	130%
Winslow Airport	87.2	+2.0	55.6	+3.3	1.34"	+0.46	152%
Prescott Airport	82.2	+0.3	55.6	+2.3	2.59"	+1.08	172%
Prescott Water Plant	81.5	+0.1	54.7	+3.4	5.05"	+3.10	259%
St Johns Airport	83.0	+0.1	55.0	+3.1	0.96"	-0.53	64%
Bellefont NWS Office	73.9	+1.1	41.2	+3.6	2.54"	+1.08	174%
Show Low Airport	78.0	-0.6	55.1	+4.0	3.04"	+1.45	191%
Seligman	85.1	+0.6	50.8	+2.6	2.11"	+0.74	154%
Page Airport	88.7	+5.1	65.2	+5.1	1.14"	+0.31	137%
Window Rock Airport	80.8	+3.9	46.8	+4.8	1.84"	+0.43	130%



September Rainfall Rankings:

Location	September Rainfall (inches)	
Show Low Airport	3.04	(2 nd wettest)
Prescott (Sundog)	5.05	(3 rd wettest)
McNary	4.51	(5 th wettest)
Payson	3.72	(9 th wettest)
Prescott Airport	2.59	(11 th wettest)
Williams	3.33	(14 th wettest)

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

<u>LOCATION</u>	<u>SEPTEMBER PRECIPITATION</u>
ALPINE R.S.	3.50
BAGDAD	2.53
BELLEMONT NWS OFFICE	2.54
BETATAKIN (NAVAJO N.M.)	0.96
BLUE RIDGE R.S.	3.95
BRIGHT ANGEL R.S.	2.90
CASTLE HOT SPRINGS	2.75
CHINO VALLEY	2.63
FLAGSTAFF ARBORETUM	3.44
FLAGSTAFF AIRPORT (ASOS)	3.10
GRAND CANYON EAST ENTRANCE	3.16
HEBER (BLACK MESA R.S.)	2.58
JEROME	4.26
KEAMS CANYON	1.28
MCNARY 2 N	5.23
NATURAL BRIDGE	3.24
OAK CREEK CANYON	3.60
PAGE AIRPORT	1.14
PAINTED DESERT	2.81
PAYSON	3.72
PETRIFIED FOREST NATL PARK	1.59
PHANTOM RANCH	1.41
PINETOP 2E	6.12
PRESCOTT AIRPORT	2.59
SAINT JOHNS AIRPORT	0.96
SAINT MICHAELS	1.95
SELIGMAN	2.11
SHOW LOW AIRPORT	3.04
SNOWFLAKE	0.96
SPRINGERVILLE	2.70
SUNRISE MOUNTAIN	3.17
SUNSET CRATER N. M.	0.76
TEEC NOS POS	1.15
WALNUT CANYON N. M.	1.87
WALNUT GROVE	4.57
WILLIAMS	3.32
WINDOW ROCK AIRPORT	1.81
WINSLOW AIRPORT	1.34
WUPATKI NATL MONUMENT	1.07

...SIGNIFICANT WEATHER...

Record Temperatures:

...RECORD HIGH TEMPERATURES FOR NORTHERN ARIZONA ON SEP 20 2014...

CITY (PERIOD OF RECORD)	NEW HIGH	PREVIOUS RECORD/YEAR
PETRIFIED FOREST (1931 - 2014)	91	90 IN 1953
WINSLOW (1899 - 2014)	93	93 (TIED) IN 1928

...RECORD HIGH TEMPERATURES FOR NORTHERN ARIZONA ON SEP 24 2014...

CITY (PERIOD OF RECORD)	NEW HIGH	PREVIOUS RECORD/YEAR
PAGE (1958 - 2014)	92	92 (TIED) IN 2011
WINSLOW (1915- - 2014)	91	91 (TIED) IN 1982

...RECORD HIGH TEMPERATURES FOR NORTHERN ARIZONA ON SEP 25 2014...

CITY (PERIOD OF RECORD)	NEW HIGH	PREVIOUS RECORD/YEAR
PAGE (1958 - 2014)	94	92 IN 1966
PETRIFIED FOREST (1931 - 2014)	90	89 IN 2005

September 5th Heavy Rain:

Heavy rain in the Prescott area caused brief flooding of Granite Creek around 330 pm which closed Montezuma Street near Sheldon.

September 8th Heavy Rain Black Canyon City:

Heavy rain in the early morning hours caused debris across roads near I-17 in Cordes Lakes area.

September 17th Heavy Rain:

Around 1:00 pm 3 miles southeast of Show Low, an inch of heavy rain caused minor street flooding at Wagon Wheel. Around 1:30 pm, the Cibecue Fire Department reported an estimated 3 inches of rain with washes flowing several inches deep across roads in Cibecue.

September 19th Hail:

Kachina Fire Department reported ½ inch hail around 12:20 pm.

September 20th Hail:

The NWS office in Bellemont received dime sized hail in the late afternoon hours.

September 27th Storms:

A strong, early fall low pressure system dove south through the western U.S. and pushed a strong cold front through Arizona. Widespread showers and storms developed along the front with a few strong to severe storms. In the late evening hours of September 26th, a few storms developed over the Sedona and Flagstaff areas. The Sedona Airport reported a gust of 56 mph and Sedona Fire Fire Department reported ¼ inch hail. Just before noon MST on Saturday, up to half inch hail was reported about a mile southwest of Yarnell and the same storm produced nickel sized hail in Peoples Valley. By about 2:30 pm reports of over an inch of rain in one hour came in from Prescott. At 3:45 pm, a USGS stream gauge on Granite Creek reported a peak

stream height of just above 11 feet (3900 cfs). Low water crossings in town were flooded and a swift water rescue was performed. Runoff caused several inches of water to flood a property about 3 miles northwest of town.

Record Daily Rainfall Set at Prescott Airport September 27th:

A RECORD RAINFALL OF 1.36 INCHES WAS SET AT PRESCOTT AZ AIRPORT SATURDAY, SEPTEMBER 27TH. THIS BREAKS THE OLD RECORD OF 0.87 SET IN 1977.

Preliminary Storm Damage Survey Southeast of Prescott (September 27th Storm):

Upon receiving reports the following day of wind damage southeast of Prescott, the NWS Flagstaff conducted a storm survey to assess the damage. Below is the preliminary information.

EVENT DATE: SATURDAY, SEPTEMBER 27TH, 2014.

EVENT TIME (ESTIMATED): 2:30 PM MST.

EVENT LOCATION: STORM DAMAGE WAS ABOUT 6 MILES SOUTHEAST OF THE CITY OF PRESCOTT AND EAST OF SENATOR HIGHWAY NEAR GROOM CREEK.

DAMAGE DESCRIPTION: NUMEROUS PONDEROSA PINE TREES SNAPPED WITH SOME TREES UPROOTED. SOME HOME DAMAGE TO SIDING AND ROOF MATERIAL...AS WELL AS DAMAGE FROM TREES FALLING ONTO HOMES.

INFORMATION IS STILL BEING COLLECTED AND ASSESSED AT THIS TIME TO DETERMINE WHETHER THE DAMAGE WAS CAUSED BY THUNDERSTORM DOWNBURST WINDS OR A TORNADIC STORM. FURTHER INFORMATION WILL ALSO DETERMINE A MORE PRECISE LENGTH AND WIDTH OF THE DAMAGE PATH.

September 28th Increased Flow in the Little Colorado:

Widespread rainfall from the previous day caused increased water levels in the Little Colorado River from Chambers to Cameron. No flooding was reported.