

MONTH IN REVIEW FOR NORTHERN ARIZONA FOR AUGUST 2016

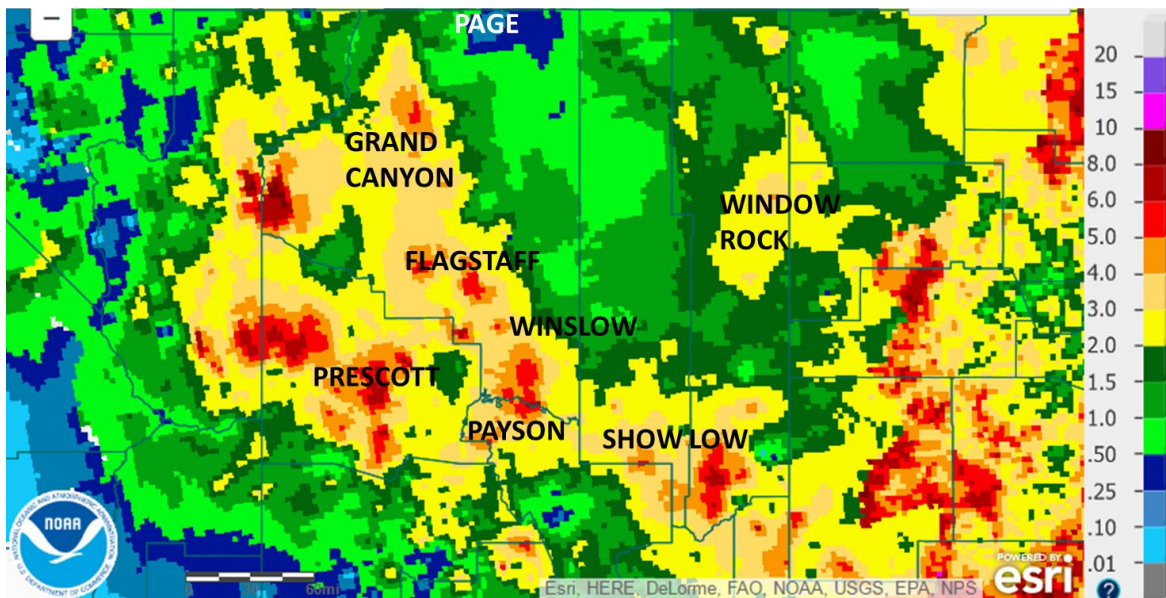
. . . AUGUST TEMPERATURE AND PRECIPITATION OVERVIEW . . .

August 2016 was cooler and wetter than normal for most of northern Arizona, with several locations among the wettest Augusts on record. Several periods of deep moisture resulted in heavy rainfall due to thunderstorms. A few areas received less than normal rainfall, mainly over lower elevations north of the Mogollon Rim, including the Page area. Increased clouds kept daytime temperatures cooler than normal.

AUGUST DATA AND DEPARTURES FROM NORMAL FOR SELECTED CITIES:

	Max T		Min T		Precip	Dep	% Normal
	Avg	Dep	Avg	Dep			
Flagstaff	75.5	-2.9	48.5	-1.6	6.34"	+3.23"	204%
Winslow	89.5	-1.7	58.9	-1.9	1.65"	+0.45"	138%
Prescott AP	84.4	-2.2	60.0	-0.5	5.86"	+3.24"	224%
Prescott WTP	84.1	-2.0	58.5	-0.4	8.77"	+5.68"	284%
St Johns AP	85.5	-1.5	56.2	-3.0	2.17"	-0.07"	97%
Grand Canyon AP	81.1	-0.7	50.2	+3.1	3.39"	+1.02"	143%
Bellemont	75.9	-1.8	44.7	-1.6	2.62"	-0.62"	81%
Show Low AP	80.1	-2.9	56.3	-0.8	2.36"	-0.99"	70%
Seligman	86.7	-3.3	56.2	+0.4	2.97"	+0.79"	136%
Page Airport	92.4	-0.1	68.8	+0.7	0.26"	-0.91"	22%
Window Rock	81.0	-2.2	50.8	-1.3	2.65"	0.73"	138%

AUGUST 2016 RAINFALL



Location / Period of Record	August Precipitation Ranking	August Temperature Ranking
Flagstaff (1898-2016)	4 th Wettest	14 th Coolest
Winslow (1915-2016)	37 th Wettest	18 th Coolest
Prescott Airport (1948-2016)	2 nd Wettest	14 th Coolest
Prescott (1898-2016)	3 rd Wettest	52 nd Warmest
Payson (1948-2016)	9 th Wettest	21 st Coolest
Wupatki N.M. (1940-2016)	1 st Wettest	4 th Coolest
Navajo N.M. (1939-2016)	11 th Wettest	5 th Coolest

...ADDITIONAL PRECIPITATION REPORTS FROM CO-OP OBSERVERS...

<u>Location</u>	<u>August Precipitation (inches)</u>
ALPINE	5.06
BAGDAD	4.01
BLUE RIDGE R.S.	6.92
CASTLE HOT SPRINGS	4.65
CHINO VALLEY	3.99
GRAND CANYON EAST ENTRANCE	3.84
JEROME	4.19
NATURAL BRIDGE	3.04
PAYSON	5.11
PHANTOM RANCH	2.76
SPRINGERVILLE	4.01
SUNSET CRATER N.M.	3.85
WALNUT CANYON N.M.	4.72
WILLIAMS	4.80
WINDOW ROCK	2.65
WUPATKI	5.18

...SIGNIFICANT WEATHER...

Records:

Record Rainfall Flagstaff Airport Aug. 27th:

A RECORD RAINFALL AMOUNT OF 0.94 INCHES WAS SET AT FLAGSTAFF AZ AIRPORT ON AUGUST 27. THIS BREAKS THE OLD RECORD OF 0.90 INCHES SET IN 2007.

Record Rainfall Flagstaff Airport Aug. 26th:

A RECORD RAINFALL AMOUNT OF 1.41 INCHES WAS SET AT FLAGSTAFF AZ AIRPORT ON AUGUST 26. THIS BREAKS THE OLD RECORD OF 0.98 INCHES SET IN 1984.

Hail Reports:

1150 AM	HAIL	2 E DONEY PARK	35.27N 111.47W
08/06/2016	1.00 INCH	COCONINO	AZ NWS EMPLOYEE
0131 PM	HAIL	2 WSW STAR VALLEY	34.24N 111.29W
08/09/2016	1.25 INCH	GILA	AZ PUBLIC
		RIM CLUB GOLF COURSE NEAR PAYSON REPORTED HALF-DOLLAR SIZE HAIL.	
0252 PM	HAIL	1 NNW CIBECUE	34.04N 110.49W
08/15/2016	0.88 INCH	NAVAJO	AZ FIRE DEPT/RESCUE
0307 PM	HAIL	5 SW CONCHO	34.42N 109.67W
08/17/2016	0.75 INCH	APACHE	AZ TRAINED SPOTTER
0356 PM	HAIL	PRESCOTT VALLEY	34.61N 112.32W
08/18/2016	0.70 INCH	YAVAPAI	AZ TRAINED SPOTTER

1259 PM	HAIL	1 ESE MORMON LAKE	34.91N 111.45W
08/20/2016	1.00 INCH	COCONINO	AZ TRAINED SPOTTER
	0.75 TO 1 INCH SIZE HAIL COVERED THE GROUND.		
0125 PM	HAIL	PRESCOTT	34.58N 112.45W
08/20/2016	1.25 INCH	YAVAPAI	AZ TRAINED SPOTTER
0210 PM	HAIL	4 SSE PRESCOTT	34.53N 112.42W
08/21/2016	0.75 INCH	YAVAPAI	AZ PUBLIC
0247 PM	HAIL	2 W SEDONA	34.86N 111.83W
08/24/2016	0.75 INCH	YAVAPAI	AZ TRAINED SPOTTER
1152 AM	HAIL	14 S PINETOP	33.92N 109.92W
08/30/2016	0.70 INCH	NAVAJO	AZ EMERGENCY MNGR

Severe Wind Reports:

0630 PM	TSTM WND DMG	CAMERON	35.85N 111.43W
08/19/2016		COCONINO	AZ WEB REPORT
	BROKEN 4 INCH DIAMETER TREE BRANCH AT CAMERON TRADING POST		

Flooding Reports:

1100 AM	FLOOD	CHILCHINBITO	36.53N 110.08W
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08/04/2016 NAVAJO AZ TRAINED SPOTTER
DIRT ROADS 60150, 591, AND 594 ARE MUDDY AND FLOODED IN SPOTS IN THE
CHILCHINBITO AREA.

0145 PM FLASH FLOOD MAYER 34.40N 112.23W

08/04/2016 YAVAPAI AZ TRAINED SPOTTER
BIG BUG CREEK ROSE AN ESTIMATED 4 FEET.

1100 PM FLASH FLOOD 11 NW LEES FERRY 36.96N 111.76W

08/04/2016 COCONINO AZ OTHER FEDERAL
OBSERVED RISE IN THE PARIA GAUGE AT HWY 89
(1.8' RISE ~745PM MST AUG 4) AND AT THE
PARIA GAUGE AT LEE'S FERRY (4.2' RISE
STARTING AT 415AM MST AUG 5). FLASH FLOOD
LEVELS IN EXCESS OF 5' ESTIMATED IN THE AZ
PORTION OF THE PARIA FROM 11PM AUG 4 THROUGH
7AM AUG 5.

0400 PM FLASH FLOOD HIGHWAY 191 MP 389 35.39N 109.50W

08/05/2016 APACHE AZ DEPT OF HIGHWAYS

0545 PM FLASH FLOOD HWY 160 36.92N 109.61W

08/05/2016 APACHE AZ DEPT OF HIGHWAYS
REPORTS OF WATER ON HWY 160 BETWEEN MILE POST 432 TO 445.
DEBRIS ON ROAD REPORTED NEAR MEXICAN WATER.

0230 PM FLASH FLOOD SEDONA 34.86N 111.80W

08/10/2016 YAVAPAI AZ LAW ENFORCEMENT
SEVERAL ROADS CLOSED DUE TO FLOODING... BACK O BEYOND
ROAD... SUNSET DRIVE... DOODLEBUG DRIVE

0215 PM FLASH FLOOD 2 E SEDONA 34.86N 111.76W

08/10/2016 COCONINO AZ OTHER FEDERAL
THE OAK CREEK RIVER GAUGE IN SEDONA

(AT TLAQUEPAQUE) SHOWED A 3 FOOT RISE
STARTING AT AROUND 215 PM AND PEAKED AROUND
230 PM MST.

0445 AM DEBRIS FLOW 8 NE CARRIZO 34.07N 110.19W
08/11/2016 NAVAJO AZ LAW ENFORCEMENT
LARGE BOULDERS ON HIGHWAY 60.

0300 AM DEBRIS FLOW 6 SSE WASHINGTON PARK 34.34N 111.24W
08/11/2016 GILA AZ LAW ENFORCEMENT
LARGE LOGS AND ROCKS ACROSS ROADS.

0545 AM FLASH FLOOD 10 SE CARRIZO 33.89N 110.16W
08/11/2016 GILA AZ EMERGENCY MNGR
WATER TOPPING K RAILS

0245 PM FLASH FLOOD 18 S YOUNG 33.85N 110.97W
08/12/2016 GILA AZ NWS EMPLOYEE
INITIAL FLASH FLOOD WAVE HIT STATE HIGHWAY
288 WITH DEBRIS OVER THE ROADWAY.

0415 PM FLASH FLOOD YARNELL 34.22N 112.75W
08/12/2016 YAVAPAI AZ EMERGENCY MNGR
MUD AND DEBRIS 8-12 INCHES DEEP. FLOW OVER A FEW ROADS
AND FENCE DESTROYED AS WATER APPROACHED A HOME.

0550 PM FLASH FLOOD GISELA 34.11N 111.28W
08/20/2016 GILA AZ FIRE DEPT/RESCUE
FLASH FLOODING IN GISELA. NO PROPERTY DAMAGE... BUT
WASHES IN THE AREA RUNNING HIGH WITH A FEW ROAD
CROSSINGS TEMPORARILY IMPASSABLE. SOME DEBRIS DEPOSITED
ON ROADWAYS.

0704 PM FLASH FLOOD 9 SSE CONGRESS 34.04N 112.79W

08/20/2016 YAVAPAI AZ MESONET

MARTINEZ WASH ROSE 5.7 FEET IN LESS THAN 1
HOUR.

1237 PM FLOOD 3 NNW METEOR CRATER 35.07N 111.04W

08/25/2016 COCONINO AZ TRAINED SPOTTER

METEOR CRATER VISITOR CENTER STATED THAT AT
LEAST 4 INCHES OF WATER WAS RUNNING ACROSS
METEOR CRATER ROAD IN PLACES. SEVERAL INCHES
OF RAIN INDICATED BY RADAR.

0228 PM FLOOD DEWEY-HUMBOLDT 34.54N 112.24W

08/25/2016 YAVAPAI AZ TRAINED SPOTTER

LOW WATER CROSSINGS IN DEWEY AREA HAVE WATER
RUNNING THROUGH THEM. INCLUDES AGUA FRIA
RIVER CROSSING AS WELL AS CROSSINGS ON
HIGHWAY 69 AND OTHER LOCAL ROADS.

0740 AM FLASH FLOOD 3 N ROCK SPRINGS 34.10N 112.15W

08/27/2016 YAVAPAI AZ PUBLIC

2 TO 3 FEET OF WATER CROSSING ROADS ACROSS
BLACK CANYON CREEK.

Funnel Cloud:

0850 AM FUNNEL CLOUD 4 NW PINE SPRINGS 35.45N 109.32W

08/28/2016 APACHE AZ PUBLIC

COLD AIR FUNNEL. WAS SEEN AS FAR AWAY AS
GALLUP, NM. TIME ESTIMATED FROM RADAR.