

# MONTH IN REVIEW FOR NORTHERN ARIZONA FOR JULY 2015

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

July was a fairly typical monsoon month across northern Arizona with both periods of persistent rainfall and also periods of dry weather. In general, most areas received near to above normal rainfall with cooler than average daytime temperatures. As is typical with monsoon season precipitation, some locations received less than average rainfall for the month.

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

	Max T Avg	Dep	Min T Avg	Dep	Precip	Dep	% Normal
<b>Flagstaff</b>	77.6	-3.6	49.8	-1.1	2.77	0.16	106%
<b>Winslow</b>	91.2	-3.3	61.9	0.0	1.33	0.29	128%
<b>Prescott AP</b>	86.3	-3.0	61.7	-0.1	3.44	1.33	163%
<b>Prescott WTP</b>	86.4	-2.5	59.5	-0.6	1.94	-0.77	72%
<b>St Johns AP</b>	82.3	-9.5	57.6	-3.0	2.97	1.00	151%
<b>Grand Canyon AP</b>	82.0	-2.2	46.3	-0.5	1.24	-0.54	70%
<b>Bellemont</b>	78.6	-3.0	45.8	-0.2	2.78	0.42	118%
<b>Show Low AP</b>	80.8	-5.4	58.9	0.3	5.46	3.08	229%
<b>Cottonwood</b>	97.6	-2.5	66.0	-1.0	2.64	0.95	156%
<b>Seligman</b>	88.2	-4.4	56.8	0.5	1.88	0.05	103%
<b>Page Airport</b>	94.3	2.0	69.4	2.4	0.54	-0.12	82%
<b>Window Rock Airport</b>	84.2	-1.4	53.6	3.2	2.78	0.36	118%

Location	July Precipitation Ranking	Period of Record
Show Low	1 <sup>st</sup> wettest	1984-2015
Prescott (Airport)	2 <sup>nd</sup> wettest	1948-2015
Chino Valley	7 <sup>th</sup> wettest	1941-2015
Blue Ridge Ranger St.	11 <sup>th</sup> wettest	1965-2015
Canyon de Chelly	15 <sup>th</sup> wettest	1909-2015
Pinetop (2E)	15 <sup>th</sup> wettest	1944-2015

Location	July Average Max Temperature Ranking	Period of Record
St. Johns (Airport)	1 <sup>st</sup> coldest	1999-2015
Show Low (Airport)	1 <sup>st</sup> coldest	1984-2015

### Additional Precipitation Reports from our COOP Stations:

Location	July Precipitation (inches)
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BAGDAD	: 1.73
BELLEMONT NWS	: 2.78
BETATAKIN	: 0.64
BLUE RIDGE RANGER STATION	: 4.00
BRIGHT ANGEL RANGER STATION	: 2.07
CANYON DE CHELLY	: 2.30
CASTLE HOT SPRINGS	: 2.50
CHINO VALLEY	: 3.61
FLAGSTAFF 4SW	: 3.04
FLAGSTAFF AIRPORT (ASOS)	: 2.77
GANADO	: 1.72
GISELA	: 0.89
GRAND CANYON AIRPORT (ASOS)	: 1.24
GRAND CANYON EAST ENTRANCE	: 1.97
GRAND CANYON VISITOR CENTER	: 2.41
JEROME	: 2.49
MCNARY 2 N	: 4.58
METEOR CRATER	: 2.18
MONTEZUMA CASTLE N.M.	: 0.31
OAK CREEK	: 2.76
PAGE (ASOS)	: 0.54
PAINTED DESERT N.P.	: 1.50
PAYSON	: 1.22
PETRIFIED FOREST N.P.	: 2.36
PHANTOM RANCH	: 1.00
PINETOP 2E	: 4.73
PRESCOTT AIRPORT (ASOS)	: 3.44
PRESCOTT CITY	: 1.94
SAINT JOHNS	: 2.58
SAINT JOHNS (ASOS)	: 3.00

SELIGMAN	:	1.88
SHOW LOW AIRPORT	:	5.46
SUNRISE MOUNTAIN	:	10.32
SUNSET CRATER N.M.	:	3.11
TUZIGOOT N.M.	:	2.64
WALNUT CANYON N.M.	:	2.97
WILLIAMS	:	1.87
WINDOW ROCK (ASOS)	:	2.79
WINSLOW AIRPORT (ASOS)	:	1.33
WUPATKI	:	1.76

### ...SIGNIFICANT WEATHER...

#### July 1<sup>st</sup> – 2<sup>nd</sup> Severe Hail and Wind:

##### Hail:

0200 PM	HAIL	14 N FLAGSTAFF	35.39N 111.62W
07/01/2015	M1.00 INCH	COCONINO	AZ TRAINED SPOTTER
	1 INCH DIAMTER HAIL NEAR AZ SNOWBOWL		
0227 PM	HAIL	PARKS	35.26N 111.95W
07/01/2015	M1.75 INCH	COCONINO	AZ TRAINED SPOTTER
	MEASURED GOLF BALL SIZED HAIL. STONES WERE FAIRLY FLAT.		
0230 PM	HAIL	2 NW PARKS	35.28N 111.98W
07/01/2015	M1.50 INCH	COCONINO	AZ TRAINED SPOTTER
	HAIL BROKE A SKYLIGHT AND DENTED VEHICLES.		
0240 PM	HAIL	FORT VALLEY	35.27N 111.73W
07/01/2015	M1.00 INCH	COCONINO	AZ TRAINED SPOTTER
0254 PM	HAIL	15 W WINDOW ROCK	35.67N 109.33W
07/01/2015	E1.50 INCH	APACHE	AZ PUBLIC
	PUBLIC POSTED PICTURE ON FACEBOOK		
0300 PM	HAIL	BELLEMONT	35.23N 111.82W

07/01/2015 M1.00 INCH COCONINO AZ NWS OFFICE  
A LOT OF PEA TO DIME SIZED HAIL WITH A FEW PIECES TO  
QUARTER SIZE.

**Wind:**

0812 PM TSTM WND GST TWO GUNS 35.12N 111.09W

07/01/2015 M63 MPH COCONINO AZ OTHER FEDERAL  
AZDOT TWO GUNS AT 1-40

0833 PM TSTM WND GST 4 W JOSEPH CITY 34.96N 110.40W

07/01/2015 M64 MPH NAVAJO AZ OTHER FEDERAL  
ADOT JACKRABBIT AT I-40

0718 PM TSTM WND GST 14 S HOLBROOK 34.70N 110.16W

07/01/2015 M59 MPH NAVAJO AZ OTHER FEDERAL  
ADOT SR-77 14 MILE HILL... AZ

1257 AM TSTM WND GST ASH FORK 35.22N 112.49W

07/02/2015 M61 MPH YAVAPAI AZ OTHER FEDERAL  
ADOT SITE ASH FORK HILL AT 1-40

**July 4<sup>th</sup> Flooding:**

0500 PM FLASH FLOOD 1 SE CARRIZO 33.98N 110.27W

07/04/2015 GILA AZ USGS  
USGS GAUGE MEASURED STAGE HEIGHT WENT UP FIVE FEET  
BETWEEN 5 PM AND 6 PM. MAXIMUM FLOW WAS 2470 CUBIC FEET PER SECOND.

**July 7<sup>th</sup> Hail:**

0250 PM HAIL 4 NE FLAGSTAFF 35.23N 111.57W

07/07/2015 E1.00 INCH COCONINO AZ PUBLIC

## July 9<sup>th</sup> Hail:

1155 AM HAIL 10 N KAYENTA 36.86N 110.25W  
07/09/2015 M0.75 INCH NAVAJO AZ PARK SERVICE

1248 PM HAIL 1 ESE MONUMENT VALLEY 36.98N 110.11W  
07/09/2015 E0.50 INCH NAVAJO AZ TRAINED SPOTTER  
A LOT OF HAIL AT THE MONUMENT VALLEY VISITORS CENTER.  
MOSTLY AROUND A HALF INCH OR SMALLER.

## July 15<sup>th</sup> Flooding:

1230 PM FLASH FLOOD WINSLOW 35.03N 110.71W  
07/15/2015 NAVAJO AZ LAW ENFORCEMENT  
WILLIAMSON AVE UNDERPASS CLOSED DUE TO FLOODING.

0410 PM FLASH FLOOD ST. JOHNS 34.51N 109.38W  
07/15/2015 APACHE AZ COUNTY OFFICIAL  
A FOOT OF WATER REPORTED OVER THE INTERSECTION OF HWY  
180 AND 191 JUST EAST OF ST. JOHNS.

0530 PM FLASH FLOOD 5 SSW ST. JOHNS 34.44N 109.41W  
07/15/2015 APACHE AZ COUNTY OFFICIAL  
HIGHWAY 180 CLOSED DUE TO FLOODING AT MILE MARKER 375.  
ESTIMATED 2 FEET OF WATER OVER ROAD. UNKNOWN START TIME.

## July 17<sup>th</sup> Flooding:

0930 PM FLASH FLOOD 5 SE CAMP VERDE 34.52N 111.79W  
07/17/2015 YAVAPAI AZ BROADCAST MEDIA  
FIFTEEN RESIDENTS RESCUED FROM HOMES IN VERDE LAKES  
ESTATES. 7 HOMES WITH SIGNIFICANT FLOOD DAMAGE. FLOODING  
CAME FROM TRIBUTARY OF WEST CLEAR CREEK.

## July 18<sup>th</sup> Flooding:

0618 PM	FLASH FLOOD	11 SE CONGRESS	34.05N 112.72W
07/18/2015		YAVAPAI	AZ EMERGENCY MNGR
	FLASH FLOODING - NORTH WICKENBURG IN YAVAPAI COUNTY. 2 ROADS CLOSED.		
0700 PM	FLASH FLOOD	CHINO VALLEY	34.76N 112.45W
07/18/2015		YAVAPAI	AZ EMERGENCY MNGR
	FLOODING IN CHINO VALLEY. 5 ROADS IN AREA CLOSED DUE TO HIGH WATER.		
0525 PM	HEAVY RAIN	4 W DONEY PARK	35.27N 111.58W
07/18/2015	M2.15 INCH	COCONINO	AZ NWS EMPLOYEE
	HEAVY RAIN ON THE SCHULTZ FIRE... SCHULTZ PASS ROAD CLOSED DUE TO LARGE BOULDERS AND DEBRIS.		
0855 PM	FLOOD	2 NNW CHINO VALLEY	34.82N 112.48W
07/18/2015		YAVAPAI	AZ WEB REPORT
	FLOODING STRANDED A VEHICLE AT ROAD 5 NORTH AND REED ROAD. FIRE DEPARTMENT RESCUED THE OCCUPANTS AND A TOW TRUCK WAS REQUIRED TO PULL OUT THE VEHICLE. TIME ESTIMATED.		

**July 30<sup>th</sup> Flooding:**

0111 PM	HEAVY RAIN	4 S BAGDAD	34.52N 113.18W
07/30/2015	E1.50 INCH	YAVAPAI	AZ TRAINED SPOTTER
	LOW WATER CROSSINGS FLOODED 6 TO 8 INCHES DEEP ON HWY 97		
0100 PM	HEAVY RAIN	7 SE BAGDAD	34.50N 113.09W
07/30/2015	E1.00 INCH	YAVAPAI	AZ DEPT OF HIGHWAYS
	LOW WATER CROSSING FLOODED 8 INCHES DEEP ON HWY 96.		

**...JULY DAILY RECORDS...**

**...RECORD DAILY MAXIMUM RAINFALL SET AT PRESCOTT AZ AIRPORT  
SATURDAY, JULY 18<sup>TH</sup>, 2015...**

A RECORD RAINFALL OF 2.83 INCHES WAS SET AT PRESCOTT AZ AIRPORT  
SATURDAY, JULY 18TH. THIS BREAKS THE OLD RECORD OF 1.19 SET IN 1970.

**...RECORD LOW TEMPERATURE SET AT PRESCOTT AZ AIRPORT JULY 10<sup>TH</sup>, 2015...**

A RECORD LOW TEMPERATURE OF 49 DEGREES WAS SET AT PRESCOTT AZ AIRPORT JULY 10<sup>TH</sup>,  
2015. THIS TIES THE OLD RECORD OF 49 SET IN 2015.

**...RECORD LOW TEMPERATURE SET AT FLAGSTAFF AZ AIRPORT JULY 10<sup>TH</sup>, 2015...**

A RECORD LOW TEMPERATURE OF 37 DEGREES WAS SET AT FLAGSTAFF AZ AIRPORT JULY 10<sup>TH</sup>,  
2015. THIS TIES THE OLD RECORD OF 37 SET IN 1926.