

MONTH IN REVIEW FOR NORTHERN ARIZONA FOR AUGUST 2018

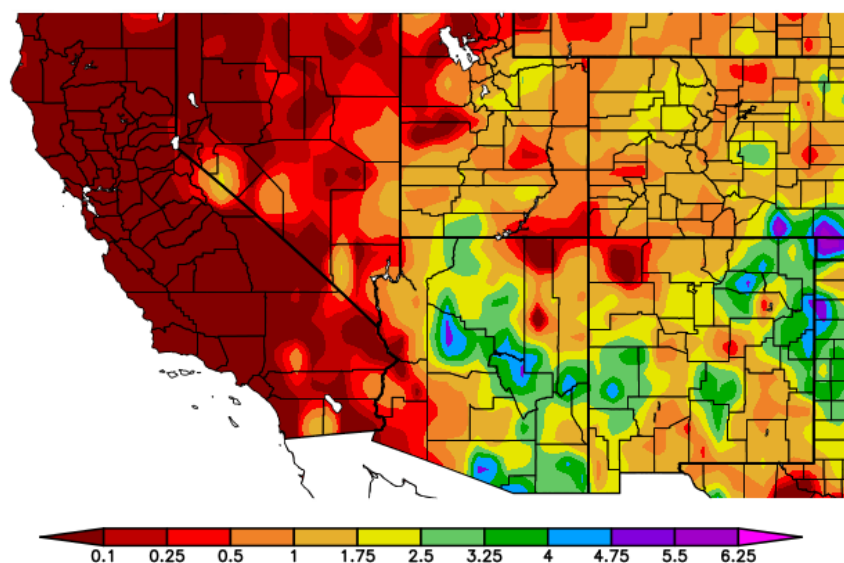
... AUGUST TEMPERATURE AND PRECIPITATION OVERVIEW ...

August saw a continuation of near daily thunderstorm activity. Monthly precipitation amounts were highest along and south of the Mogollon Rim with above normal rainfall for Flagstaff and Prescott. Northeastern Arizona was drier than normal, with Window Rock and Show Low receiving less than half the normal August rainfall. Temperatures were warmer than normal across the region.

AUGUST DATA AND DEPARTURES FROM NORMAL FOR SELECTED CITIES

	Max	Dep	Min	Dep	PCPN	Dep	PCT Normal
Flagstaff	79.4	+1.0	51.5	+1.4	5.15"	+2.04"	166 %
Winslow	93.8	+2.6	63.4	+2.6	0.94"	-0.26"	78 %
Prescott AP	87.4	+0.8	62.1	+1.6	3.23"	+0.61"	123 %
Prescott WTP	86.8	+0.7	59.5	+0.6	3.28"	+0.19"	106 %
St Johns AP	89.3	+2.3	60.3	+1.1	1.40"	-0.84"	63 %
Grand Canyon AP	84.2	+2.4	49.6	+2.5	2.25"	-0.12"	95 %
Bellemont	79.4	+1.7	45.5	-0.8	2.09"	-1.15"	65 %
Show Low AP	83.7	+0.7	58.2	+1.1	1.49"	-1.86"	45 %
Cottonwood	98.2	+1.1	65.7	-0.3	1.53"	-0.49"	76 %
Seligman	90.8	+0.8	56.7	+0.9	4.31"	+2.13"	198 %
Page Airport	96.5	+4.0	72.1	+4.0	0.77"	-0.40"	66 %
Window Rock Airport	87.1	+3.9	52.5	+0.4	0.86"	-1.06"	45 %

Precipitation (in)
8/1/2018 – 8/31/2018



Generated 9/2/2018 at HPRCC using provisional data.

NOAA Regional Climate Centers

Additional Precipitation Reports from CO-OP Observation Stations:

Location	August Precip (in.)
BAGDAD	2.61
BELLEMONT WFO	2.09
BETATAKIN	0.01
BLUE RIDGE RANGER STATION	4.97
BRIGHT ANGEL (NORTH RIM)	3.11
CHINO VALLEY	1.70
FLAGSTAFF AIRPORT (ASOS)	5.15
GRAND CANYON AIRPORT (ASOS)	2.25
GRAND CANYON EAST ENTRANCE	1.26
GRAND CANYON VISITOR CENTER	2.68
JEROME	3.74
METEOR CRATER	2.67
MONTEZUMA CASTLE	2.10
NATURAL BRIDGE	4.69
PAGE (ASOS)	0.77
PAINTED DESERT	1.19
PAYSON	2.91
PHANTOM RANCH	2.16
PINETOP 2E	2.23
PLEASANT VALLEY	5.14
PRESCOTT AIRPORT (ASOS)	3.23
PRESCOTT (CITY)	3.28
SAINT JOHNS	2.08
SAINT JOHNS (ASOS)	1.40
SELIGMAN	4.31
SHOW LOW AIRPORT	1.49
SPRINGERVILLE	2.46
SUNRISE MOUNTAIN	3.20
SUNSET CRATER N.M.	4.49
TEEC NOS POS	0.50
TUZIGOOT N.M.	1.53
TWIN ARROWS	2.13
WALNUT CANYON N.M.	3.74
WALNUT CREEK	4.25
WILLIAMS	1.22
WINDOW ROCK (ASOS)	0.86
WINSLOW AIRPORT (ASOS)	0.94
WUPATKI N.M.	3.40

Severe Weather Reports (Hail, Flooding, High Wind):

0400 PM HEAVY RAIN 1 SSE COTTONWOOD-VERDE 34.70N 111.99W
08/26/2018 2.20 INCH YAVAPAI AZ PUBLIC

0400 PM FLASH FLOOD 1 NW COTTONWOOD-VERDE V 34.72N 112.01W
08/26/2018 YAVAPAI AZ LAW ENFORCEMENT

S. CAMINO REAL ROAD WAS CLOSED IMMEDIATELY
NORTH OF THE INTERSECTION WITH E. FIR STREET
DUE TO A 3' PEAK FLASH FLOOD TRAVELING
THROUGH OAK WASH.

0410 PM FLASH FLOOD 1 S COTTONWOOD 34.73N 112.02W
08/26/2018 YAVAPAI AZ TRAINED SPOTTER

A FLASH FLOOD, PEAKING AT 3', CROSSED THE
INTERSECTION OF 6TH ST AND BOULDER LN AFTER
HEAVY AND PERSISTENT RAINS FELL IN THE
COTTONWOOD REGION.

0540 PM FLASH FLOOD 4 ESE CORDES JUNCTION 34.31N 112.06W
08/25/2018 YAVAPAI AZ OFFICIAL NWS OBS

THE AGUA FRIA BELOW ASH CREEK GAUGE (YAAA3)
ROSE 3.60' IN 70 MINUTES. THE DURATION OF
THE FLASH FLOOD EVENT WAS 1 HOUR 10 MINUTES.

0630 PM FLASH FLOOD 15 WSW CONGRESS 34.04N 113.07W
08/25/2018 YAVAPAI AZ DEPT OF HIGHWAYS

AZ SR 71 SOUTHBOUND WAS CLOSED AT MILEPOST
95 WEST OF US 93 FOR FLOODING FROM A WASH
OVERRUNNING THE ROADWAY.

0625 PM FLASH FLOOD HOUCK 35.28N 109.22W
08/25/2018 APACHE AZ DEPT OF HIGHWAYS

THE I-40 NORTH FRONTAGE ROAD (QUERINO DIRT
RD) WAS IMPASSABLE TO MOTORISTS DUE TO FLASH
FLOOD WATERS FROM BLACK CREEK.

0350 PM FLASH FLOOD HOUCK 35.28N 109.22W
08/25/2018 APACHE AZ FIRE DEPT/RESCUE

SWIFT WATER RESCUE WAS CONDUCTED AROUND 3:50
PM MST TO RESCUE A DRIVER IN 2.5' TO 3' OF
WATER ON I-40 DUE TO FLASH FLOODING OF BLACK CREEK.

0330 PM FLASH FLOOD 3 NNW GREASEWOOD SPRING 35.57N 109.88W
08/25/2018 NAVAJO AZ TRAINED SPOTTER

10" OF WATER, MUD AND DEBRIS MIXTURE FLOWING
ACROSS A ROADWAY NORTH OF GREASEWOOD.

0415 PM FLASH FLOOD 2 SSE CORDES JUNCTION 34.30N 112.11W
08/25/2018 YAVAPAI AZ TRAINED SPOTTER

BIG BUG CREEK FLOWING THROUGH CORDES LAKES
ROSE BY APPROXIMATELY 3' IN 45 MINUTES VIA A
TRAINED SPOTTER.

0250 PM FLASH FLOOD 8 NW GANADO 35.78N 109.65W
08/25/2018 APACHE AZ DEPT OF HIGHWAYS

THE AZ DEPT. OF TRANSPORTATION REPORTED THAT
SR 264 WAS IMPASSABLE IN BOTH DIRECTIONS AT
MILEPOST 439, 2 MILES WEST OF US 191 DUE TO
FLOODING CAUSED BY HEAVY RAINFALL.

0215 PM FLASH FLOOD 1 NNW STEAMBOAT CANYON 35.76N 109.86W
08/25/2018 APACHE AZ PUBLIC

PHOTOS POSTED BY THE PUBLIC SHOWED
APPROXIMATELY 6-8" OF WATER RUNNING OVER
URBAN ROADWAYS AND OTHER LAND SURROUNDING
STRUCTURES.

0110 PM FLASH FLOOD MAYER 34.40N 112.23W
08/25/2018 YAVAPAI AZ OFFICIAL NWS OBS

BIG BUG CREEK GAUGE (YMBA3) ROSE 2.1' IN THE
SPAN OF 1 HR 10 MIN DUE TO HEAVY RAINFALL
NEAR AND OVER THE GOODWIN BURN SCAR UPSTREAM
OF THE TOWN OF MAYER. THE DURATION OF THE
FLASH FLOOD EVENT WAS 1 HOUR 10 MINUTES.

0130 PM DEBRIS FLOW WUPATKI NATIONAL MONUME 35.52N 111.37W
08/23/2018 COCONINO AZ PARK/FOREST SRVC

POST-EVENT REPORT. PARK SERVICE PERSONNEL AT
WUPATKI NATIONAL MONUMENT REPORTED A FLOOD
AND DEBRIS FLOW OF CINDERS THAT CAUSED
DAMAGE TO PARK HOUSING. A VEHICLE WAS BURIED
1 TO 2 FEET DEEP IN CINDERS.

0140 PM FLASH FLOOD MAYER 34.40N 112.23W
08/24/2018 YAVAPAI AZ MESONET

STREAM GAUGE ON BIG BUG CREEK RECORDED A 2.1
FT RISE.

0840 PM FLASH FLOOD 4 ESE CORDES JUNCTION 34.31N 112.06W
08/23/2018 YAVAPAI AZ PUBLIC

5 FOOT RISE ON AUGA FRIA NEAR CORDES JUNCTION.

0630 PM FLASH FLOOD 3 WNW CORDES JUNCTION 34.34N 112.16W
08/23/2018 YAVAPAI AZ LAW ENFORCEMENT

S SPRING LN JUST E OF E TRAILS END RD CLOSED
DUE TO WATER OVER THE ROAD. PICTURE FROM
SHERRIF'S OFFICE VIA FACEBOOK.

0650 PM FLASH FLOOD 1 S RYE 34.09N 111.35W
08/23/2018 GILA AZ LAW ENFORCEMENT

GILA COUNTY S.O. REPORTS FLOODING AND DEBRIS
ON HIGHWAY 87 AT MILEMARKER 241 AS RYE CREEK
IS OUT OF ITS BANKS.

0554 PM FLASH FLOOD MAYER 34.40N 112.23W
08/23/2018 YAVAPAI AZ MESONET

A STREAM GAUGE ON BIG BUG CREEK IN MAYER AT
THE CENTRAL AVENUE BRIDGE MEASURED A STAGE
OF 6.6 FEET, INDICATING ABOUT A 5 FOOT RISE.

0817 PM FLASH FLOOD 1 SW YARNELL 34.22N 112.75W
08/22/2018 YAVAPAI AZ DEPT OF HIGHWAYS

ARIZONA DEPT. OF TRANSPORTATION REPORTS SR 89 IS CLOSED IN
BOTH DIRECTIONS FROM FLOODING AT MILE POST
277.4 (ABOUT 9 MILES NORTH OF SR 71).

0830 PM FLASH FLOOD 4 ESE CORDES JUNCTION 34.31N 112.06W
08/22/2018 YAVAPAI AZ PUBLIC

AGUA FRIA NEAR CORDES JUNCTION MEASURED 3.7
FOOT RISE BETWEEN 8:30 AND 9 PM.

0550 PM FLASH FLOOD MAYER 34.40N 112.23W
08/22/2018 YAVAPAI AZ PUBLIC

BIG BUG GAUGE AT MAYER WITH A 5 FOOT RISE
BETWEEN 5:50 PM AND 6:10 PM.

0540 PM FLASH FLOOD 9 NNE PAULDEN 34.99N 112.39W
08/22/2018 YAVAPAI AZ PUBLIC

BIG CHINO WASH AT HWY 89 GAUGE MEASED 4 FOOT
RISE AT 5:40 PM.

0129 PM FLASH FLOOD BRIGHT ANGEL CREEK 36.12N 112.08W
08/21/2018 COCONINO AZ PUBLIC

CORRECTS PREVIOUS FLASH FLOOD REPORT FROM
BRIGHT ANGEL CREEK. HEAVY PRECIPITATION OVER
THE NORTH RIM CREATED A FLASH FLOOD FOR
BRIGHT ANGEL CREEK.

0222 PM TORNADO 6 S COSNINO 35.11N 111.47W
08/18/2018 COCONINO AZ TRAINED SPOTTER

TIME LAPSE VIDEO SHOWS NARROW TORNADO AT
APPROXIMATELY 30 DEGREE ANGLE TO THE GROUND
PERSISTING FOR SEVERAL MINUTES.

0315 PM FLASH FLOOD 6 NNW STAR VALLEY 34.33N 111.30W
08/18/2018 GILA AZ BROADCAST MEDIA

PHOTO SHOWS EAST VERDE RIVER FLOODING OVER BEAVER FLAT
RD.

0945 PM FLASH FLOOD 3 NNW CHINO VALLEY 34.80N 112.48W
08/18/2018 YAVAPAI AZ COUNTY OFFICIAL

FLASH FLOODING OVER ROAD 5 N JUST EAST OF REED ROAD. ROAD 4
1/2 N WAS ALSO CLOSED NEAR MALAPAI DR.

0715 PM FLASH FLOOD 1 NNE PRESCOTT COURTHOU 34.55N 112.46W
08/18/2018 YAVAPAI AZ MESONET

A STREAM GAUGE (GCRA3) ON GRANITE CREEK IN
PRESCOTT RECORDED A 4.6 FOOT RISE WITH A
PEAK FLOW OF 2500 CFS.

0600 PM FLASH FLOOD 11 SSE CAMP VERDE 34.41N 111.79W
08/18/2018 YAVAPAI AZ TRAINED SPOTTER

GAP CREEK FLOODING OVER FOREST ROAD 574.
ROAD IMPASSABLE.

0458 PM TSTM WND GST 2 SSE MIDDLE VERDE 34.59N 111.87W
08/18/2018 60 MPH YAVAPAI AZ TRAINED SPOTTER

0330 PM FLASH FLOOD 10 SSE CONGRESS 34.02N 112.81W
08/17/2018 YAVAPAI AZ LAW ENFORCEMENT

FLOODING REPORTED ON MATTHIE RANCH ROAD.

1215 PM HEAVY RAIN 2 NNW PRESCOTT COURTHOU 34.57N 112.48W
08/16/2018 M2.01 INCH YAVAPAI AZ MESONET

MEASURED IN JUST OVER 1 HOUR FROM YAVAPAI
COUNTY ALERT GAUGE NEAR PRESCOTT HEIGHTS.

0315 PM FUNNEL CLOUD 13 SE YOUNG 33.95N 110.82W
08/12/2018 GILA AZ PUBLIC

PUBLIC RELAYED PICTURES
OF A FUNNEL CLOUD APPROXIMATELY 13 MILES SE
OF YOUNG. THE EXACT TIME AND LOCATION WAS
ESTIMATED FROM RADAR.

0801 PM TSTM WND GST 4 S YARNELL 34.16N 112.73W
08/14/2018 61 MPH YAVAPAI AZ MESONET

0748 PM TSTM WND GST HUMBUG CREEK 34.11N 112.30W
08/14/2018 71 MPH YAVAPAI AZ MESONET

0600 PM TSTM WND DMG 2 SSE CAMP VERDE 34.55N 111.85W
07/27/2018 YAVAPAI AZ OTHER FEDERAL

USFS VERDE DISTRICT OFFICE SOLAR PANELS HAD SIGNIFICANT WIND
AND HAIL DAMAGE. SEVERAL PANELS WERE RIPPED FROM
THEIR SUPPORT BEAMS WITH A FEW HOLES IN
OTHER PANELS FROM HAIL. TIME OF OCCURRENCE
WAS ESTIMATED FROM RADAR.

0814 PM HAIL 3 NW SHOW LOW 34.26N 110.09W
08/13/2018 M1.00 INCH NAVAJO AZ PUBLIC

QUARTER SIZE HAIL REPORTED IN THE WEST PART
OF SHOW LOW.

0600 PM FLASH FLOOD 2 SSE DEWEY-HUMBOLDT 34.50N 112.23W
08/12/2018 YAVAPAI AZ FIRE DEPT/RESCUE

SWIFT WATER RESCUE ALONG THE PRESCOTT ST LOW WATER
CROSSING OF AGUA FRIA RIVER IN HUMBOLDT. MOTORIST ATTEMPTED
TO CROSS FLOODED ROADWAY. ESTIMATING A DEPTH
OF APPROXIMATELY 12" OF WATER FLOWING ACROSS
THE ROAD FROM VIDEO OF THE EVENT.

0250 PM HAIL VILLAGE AT OAK CREEK 34.78N 111.76W
08/11/2018 E1.00 INCH YAVAPAI AZ PUBLIC

REPORT OF QUARTER TO HALF DOLLAR SIZE HAIL.

0145 PM HAIL 7 N WILLIAMS 35.37N 112.18W
08/11/2018 E1.00 INCH COCONINO AZ PUBLIC

SOFT HAIL, SOME PLANTS IN THE GARDEN WERE
SHREDDED, NO DAMAGE TO METAL STRUCTURES.

0125 PM HAIL 6 N WILLIAMS 35.35N 112.17W
08/11/2018 E1.75 INCH COCONINO AZ PUBLIC

HAIL UP TO THE SIZE OF A GOLF BALL WAS
REPORTED AT THE KOA CAMPGROUND NORTH OF
WILLIAMS.

0845 PM HAIL 1 W YOUNG 34.10N 110.96W
08/10/2018 E1.00 INCH GILA AZ TRAINED SPOTTER

HAIL DIMPLE DAMAGE TO THE HOOD OF A CAR AS
IT TRAVELED THROUGH THE TOWN OF YOUNG.

0830 AM FLASH FLOOD 3 WNW TAYLOR 34.47N 110.16W
08/11/2018 NAVAJO AZ LAW ENFORCEMENT

FLASH FLOODING OF A WASH ACROSS GENE TAYLOR
RANCH RD, AS REPORTED BY SNOWFLAKE PD. ROAD
CONDITIONS WERE DESCRIBED AS NON-PASSABLE

0355 PM HAIL 5 S WILLIAMS 35.19N 112.18W
08/10/2018 M1.00 INCH COCONINO AZ TRAINED SPOTTER

STARTED AS PEA SIZED AT 3:50PM MST,
PROGRESSED TO QUARTER SIZE.

0730 PM HAIL 3 W SELIGMAN 35.34N 112.93W
08/10/2018 E1.75 INCH YAVAPAI AZ TRAINED SPOTTER

0720 PM TSTM WND DMG PINETOP-LAKESIDE 34.13N 109.94W
08/09/2018 NAVAJO AZ TRAINED SPOTTER

8" DIAMETER FRUIT TREE WAS SNAPPED IN HALF
DUE TO GUSTY WINDS ASSOCIATED WITH THE
OUTFLOW OF A THUNDERSTORM IN THE VICINITY OF
PINETOP-LAKESIDE.

0700 PM FLASH FLOOD 7 WSW ASH FORK 35.20N 112.60W
08/09/2018 YAVAPAI AZ TRAINED SPOTTER

HEAVY RAINS CAUSED 6-8" OF FLOWING WATER
ACROSS NORMALLY DRY RANCH LAND SEVEN MILES
SOUTHWEST OF ASH FORK. EIGHTMILE CREEK WAS
REPORTED TO BE OVERFLOWING THE CREEK BANKS
SOUTH OF I-40.

0430 PM HAIL PARKS 35.26N 111.95W
08/09/2018 E1.00 INCH COCONINO AZ TRAINED SPOTTER

NICKEL TO QUARTER SIZE HAIL FELL FROM A
SEVERE THUNDERSTORM THAT PASSED NEAR PARKS,
AZ.

0515 PM HAIL 13 ENE PAULDEN 34.97N 112.25W
08/09/2018 M1.25 INCH YAVAPAI AZ PUBLIC

PERKINSVILLE ROAD NORTH OF THE INTERSECTION
WITH DRAKE ROAD. PHOTO WITH QUARTER TO
COMPARE SIZE. ESTIMATED TIME BETWEEN ABOUT
5:15 AND 5:40 PM.

0430 PM HAIL 9 WNW ASH FORK 35.26N 112.64W
08/09/2018 E1.75 INCH YAVAPAI AZ PUBLIC

A GROUP ON MOTORCYCLES REPORTED GOLF BALL
SIZE HAIL ON ROUTE 66 BETWEEN ASH FORK AND
SELIGMAN. THE DURATION OF THE HAIL EVENT WAS
20 MINUTES.

0333 PM HAIL 3 SW BELLEMONT 35.20N 111.86W
08/09/2018 M2.00 INCH COCONINO AZ PUBLIC

MEASURED UP TO 2 INCH HAIL STONES ON CAMP
NAVAJO.

0308 PM HAIL 1 NNE FLAGSTAFF AIRPORT 35.16N 111.67W
08/09/2018 E1.00 INCH COCONINO AZ NWS EMPLOYEE

0305 PM HAIL 2 WSW DOWNTOWN FLAGSTAF 35.18N 111.68W
08/09/2018 E1.25 INCH COCONINO AZ PUBLIC

UNIVERSITY HEIGHTS.

0310 PM HAIL 1 N FLAGSTAFF AIRPORT 35.15N 111.67W
08/09/2018 E1.50 INCH COCONINO AZ NWS EMPLOYEE

SOUTH END OF PONDEROSA TRAILS

0320 PM HAIL 4 ESE BELLEMONT (NWS FL 35.20N 111.75W
08/09/2018 M1.00 INCH COCONINO AZ NWS EMPLOYEE

OBSERVED 1 INCH HAIL ON I-40 1/2 MILE WEST
OF EXIT 190.

0648 PM TSTM WND GST HUMBUG CREEK 34.11N 112.30W
08/08/2018 M75 MPH YAVAPAI AZ MESONET

MESONET STATION QHBA3, HUMBUG CREEK.

0245 PM FLASH FLOOD 4 E PRESCOTT COURTHOUSE 34.55N 112.40W
08/02/2018 YAVAPAI AZ TRAINED SPOTTER

HEAVY RAIN CAUSING HIGH WATER (DEPTH
UNKNOWN) ON HWY 69 AT LEE BLVD.

1145 AM HAIL 4 ENE IRON SPRINGS 34.60N 112.50W
08/02/2018 M1.00 INCH YAVAPAI AZ PUBLIC

QUARTER-SIZED HAIL WAS REPORTED BY THE
PUBLIC AS A STRONG THUNDERSTORM MOVED OVER
THE PRESCOTT AREA.