

MONTH IN REVIEW FOR NORTHERN ARIZONA FOR OCTOBER 2018

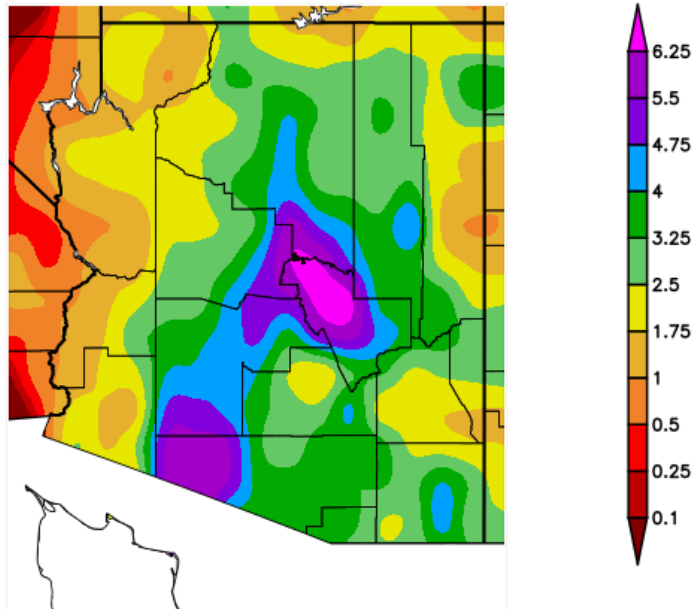
... OCTOBER TEMPERATURE AND PRECIPITATION OVERVIEW ...

October 2018 was one of the wettest Octobers on record for most locations across northern Arizona. Heavy rainfall early in the month was enhanced by the remnants of Hurricane Rosa. A trough moving in from the north a few days after the tropical remnants passed through brought another round of heavy rain and even some snow to higher elevations. Another cold trough around the middle of the month brought some higher elevation snow once again. With the increased moisture, average monthly daytime high temperatures stayed well below normal while overnight lows remained warmer than normal

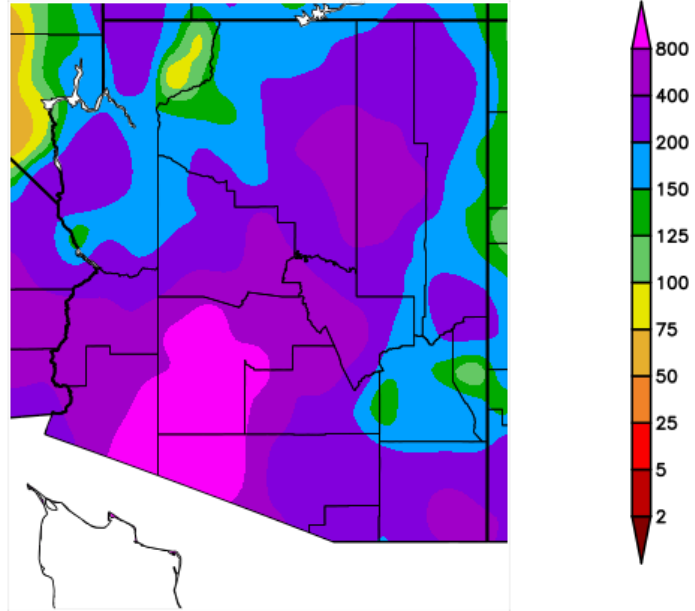
OCTOBER DATA AND DEPARTURES FROM NORMAL FOR SELECTED CITIES

	Max	Dep	Min	Dep	PCPN	Dep	PCT Normal
Flagstaff	56.7	-5.3	34.3	+2.8	4.21"	+2.55"	254 %
Winslow	67.6	-5.8	44.5	+5.2	3.39"	+2.86"	640 %
Prescott AP	67.7	-3.9	43.6	+2.1	1.97"	+1.05"	214 %
Prescott WTP	67.6	-4.1	40.0	+0.3	2.29"	+1.27"	225 %
St Johns AP	65.4	-7.6	41.1	+3.5	2.27"	+1.19"	210 %
Grand Canyon AP	58.8	-5.7	34.8	+6.4	2.17"	+0.63"	141 %
Bellemont	57.5	-5.4	31.7	+4.9	2.87"	+1.09"	161 %
Show Low AP	62.5	-5.9	41.0	+1.1	2.73"	+1.31"	192 %
Seligman	69.3	-4.6	41.3	+3.7	2.29"	+1.18"	206 %
Page Airport	65.9	-3.9	49.6	+1.4	1.77"	+0.73"	170 %
Window Rock Airport	61.5	-3.8	36.9	+5.6	1.46"	+0.41"	139 %

Precipitation (in)
10/1/2018 - 10/31/2018



Percent of Normal Precipitation (%) 10/1/2018 – 10/31/2018



Generated 11/1/2018 at HPRCC using provisional data.

NOAA Regional Climate Centers

October 2018 Rainfall Rankings

	Normal	2018 Total	
Flagstaff	1.66"	4.21"	7 th Wettest
Winslow	0.53"	3.39"	3 rd Wettest
Prescott	1.02"	2.29"	8 th Wettest
Canyon de Chelly	0.90"	2.39"	6 th Wettest
Payson	1.45"	6.39"	3 rd Wettest
Show Low	1.42"	2.73"	5 th Wettest
Saint Johns	1.02"	2.27"	2 nd Wettest
Wupatki Nat'l Monument	0.63"	2.74"	3 rd Wettest
Bagdad	1.12"	2.44"	10 th Wettest
Williams	1.60"	3.82"	12 th Wettest
Seligman	1.11"	2.29"	10 th Wettest
Blue Ridge Ranger Station	1.60"	4.40"	3 rd Wettest
Jerome	1.26"	6.00"	2 nd Wettest
Grand Canyon Airport	1.54"	2.17"	6 th Wettest
Sunset Crater	1.13"	4.50"	3 rd Wettest
Walnut Canyon Nat'l Monument	1.19"	3.46"	6 th Wettest

Flagstaff, AZ

Additional Precipitation Reports from CO-OP Observation Stations:

Location	October Precip (in.)
BAGDAD	2.44
BELLEMONT WFO	2.87
BLUE RIDGE RANGER STATION	4.40
BRIGHT ANGEL (NORTH RIM)	3.85
CANYON DE CHELLY	2.39
CHINO VALLEY	2.56
FLAGSTAFF AIRPORT (ASOS)	4.21
GRAND CANYON AIRPORT (ASOS)	2.17
GRAND CANYON EAST ENTRANCE	3.73
GRAND CANYON VISITOR CENTER	3.44
JEROME	6.00
MCNARY	4.01
NATURAL BRIDGE	6.36
PAGE (ASOS)	1.77
PAYSON	6.39
PHANTOM RANCH	1.99
PRESCOTT AIRPORT (ASOS)	1.97
PRESCOTT (CITY)	2.29
SAINT JOHNS (ASOS)	2.27
SELIGMAN	2.29
SHOW LOW AIRPORT	2.73
SPRINGERVILLE	2.09
SUNRISE MOUNTAIN	4.70
SUNSET CRATER N.M.	4.50
TEEC NOS POS	1.46
WALNUT CANYON N.M.	3.46
WILLIAMS	3.82
WINDOW ROCK (ASOS)	1.46
WINSLOW AIRPORT (ASOS)	3.39
WUPATKI N.M.	2.74

...SIGNIFICANT WEATHER EVENTS AND STORM REPORTS...

...Heavy Rainfall Enhanced by Remnants of Hurricane Rosa - October 1-3...

...Apache County...

13 WSW Greer	2.01 in
1 NNW McNary	1.37 in

...Coconino County...

Buzzard Ridge (W Fork Oak Ck)	5.71 in
Oak Creek Canyon-Slide Rock	5.19 in
W Fork Oak Creek (Trailhead)	4.53 in
1 S Munds Park	4.37 in
Promontory Butte	4.05 in
1 S Kachina Village	4.02 in
Mountainaire	3.89 in
2 ENE Sedona	3.64 in
Munds Park	3.53 in
Flagstaff Airport	2.32 in
Downtown Flagstaff	2.09 in
2 W Flagstaff Mall	1.91 in
2 NE Flagstaff	1.66 in
Mormon Lake	1.53 in

...Gila County...

5 ENE Pine	4.03 in
Pine	3.71 in
Washington Park	3.70 in
Tonto Fish Hatchery	3.00 in
8 WSW Forest Lakes	2.36 in
4 SE Washington Park	2.25 in
Payson	2.05 in
Red Lake (10 ENE Young)	1.88 in
Gisela	1.60 in
Young	1.39 in

...Navajo County...

8 NNW Cibecue	1.51 in
3 WNW McNary	1.24 in

...Yavapai County...

Towers Mtn (2 NW Crown King)	6.07 in
Crown King	5.18 in
Cordes Lakes	4.81 in
Humbug Creek	5.24 in
2 SSE Cordes Junction	4.19 in
Sunset Point	4.06 in
1 WSW Sedona	3.06 in
Jerome	3.06 in
Clarkdale (west side)	3.00 in
Sedona Airport	2.83 in
Rock Springs	2.78 in
Cherry	2.66 in
1 SSE Camp Verde	2.07 in
Cottonwood	1.87 in
4 S Yarnell	1.60 in
3 ESE Prescott	1.43 in
Wilhoit	1.43 in
Prescott 0.8 S	1.35 in
2 SE Dewey-Humboldt	1.35 in
3 SE Prescott	1.21 in
Cornville	1.20 in

...SNOWFALL REPORTS FROM SUNDAY OCTOBER 7TH...

Location	Amount
Arizona Snowbowl (9200 FT)	6.0 in
1 WSW Arizona Snowbowl	4.5 in
2 E Clints Well	3.0 in
2 N Parks	3.0 in
1 E Forest Lakes	2.0 in
2 SW Williams	2.0 in
3 WNW Show Low	2.0 in
6 SE Shumway	1.0 in

Kachina Village	1.0 in
Bellemont (NWS Flagstaff)	1.0 in
3 N McNary	1.0 in
Flagstaff Airport	0.7 in

...SNOWFALL REPORTS FROM TUESDAY OCTOBER 16TH...

...Apache County...

Vernon	2.3 in
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...Coconino County...

Forest Lakes	6.0 in
Cosnino	3.0 in
Flagstaff Mall	3.0 in
Clints Well	2.2 in
Near Flagstaff Airport	2.0 in
Doney Park	2.0 in
Tuba City	1.0 in

...Navajo County...

Pinetop-Lakeside	4.0 in
Heber-Overgaard	4.0 in
Linden	3.0 in
Show Low	3.0 in
Snowflake	1.0 in

...OCTOBER SEVERE WEATHER AND FLOODING REPORTS...

0615 PM HAIL MORMON LAKE
10/30/2018 E0.25 INCH COCONINO AZ FIRE DEPT/RESCUE

MORMON LAKE FIRE DISTRICT OFFICIALS REPORTED
 AT LEAST THREE-QUARTERS OF AN INCH OF HAIL
 ON THE ROADWAYS IN THE MORMON LAKE AREA.

0632 PM **TSTM WND GST** **LUPTON**
10/30/2018 M58 MPH APACHE AZ DEPT OF HIGHWAYS

0603 PM FLASH FLOOD 2 SSE JAKES CORNER
10/23/2018 GILA AZ MESONET

A STREAM GAUGE ON TONTO CREEK MEASURED A
PEAK STAGE OF 6.14 FEET AT 6:03 PM MST. THIS
IS ABOUT A 4.5 FOOT RISE IN WATER LEVEL.

0253 PM **HAIL** **PARKS**
10/23/2018 E0.25 INCH COCONINO AZ TRAINED SPOTTER

PEA SIZE HAIL COVERED GROUND TO DEPTH OF ONE
INCH.

0122 PM **FUNNEL CLOUD** **7 WNW PARKS**
10/23/2018 COCONINO AZ TRAINED SPOTTER

SPOTTER AT I-40 AND DEER FARM RD SPOTTED A
FUNNEL CLOUD APPROXIMATELY 2 MILES NORTH OF
THEIR LOCATION. REPORT WITH PHOTOS VIA NWS
FLAGSTAFF FACEBOOK.

0211 PM **TORNADO** **3 ESE RIMMY JIMS**
10/21/2018 COCONINO AZ LAW ENFORCEMENT

2 AZ DPS UNITS REPORT LAND SPOUT TORNADO
NEAR MILE MARKER 235 ON I-40.

0455 PM **FUNNEL CLOUD** **15 NW WICKENBURG**
10/14/2018 YAVAPAI AZ TRAINED SPOTTER

0750 PM FLASH FLOOD 5 NE BLACK CANYON CITY
10/13/2018 YAVAPAI AZ OTHER FEDERAL

6.4 FOOT RISE ON THE AGUA FRIA RIVER
NORTHEAST OF BLACK CANYON CITY.

0400 PM **FLASH FLOOD** **1 NW LEES FERRY**
10/11/2018 COCONINO AZ OTHER FEDERAL

PARIA RIVER AT LEES FERRY RECORDED A 2.9
FOOT RISE.

0545 PM **FLASH FLOOD** **7 NNW SUPAI**
10/06/2018 COCONINO AZ OTHER FEDERAL

STREAM GAUGE ON HAVASU CREEK NEAR COLORADO RIVER ROSE 2 FT.

0430 PM **FLASH FLOOD** **SUPAI**
10/06/2018 COCONINO AZ LAW ENFORCEMENT

SUPAI POLICE REPORT 3 FT RISE IN HAVASU CREEK.

0545 PM **FLASH FLOOD** **CENTRAL AVE OF MAYER**
10/02/2018 YAVAPAI AZ PUBLIC

PUBLIC REPORT OF GREATER THAN TWO FEET OF WATER FLOWED THROUGH BIG BUG CREEK. THIS EVENT WAS DUE TO MODERATE DAYTIME AND HEAVY EVENING RAINFALL IN AND AROUND MAYER. THE FLOW LASTED FROM MID-AFTERNOON UNTIL AT LEAST AFTER 6:15 PM.

1050 PM **FLASH FLOOD** **OAK CREEK 3 N SLIDE ROCK**
10/02/2018 COCONINO AZ OFFICIAL NWS OBS

THE WEST FORK-SEDONA RIVER GAUGE ON OAK CREEK RECORDED A CREST OF 3.64 FEET AT 10:50 PM MST DUE TO MODERATE DAYTIME AND HEAVY OVERNIGHT RAINFALL AROUND SLIDE ROCK STATE PARK AND NORTH TOWARDS KACHINA VILLAGE. THIS IS APPROXIMATELY 3.05 FEET HIGHER RECORDED FLOW HEIGHT COMPARED TO BEFORE THE RAINFALL.

0215 AM **FLASH FLOOD** **OAK CREEK NEAR PAGE SPR**
10/03/2018 YAVAPAI AZ OFFICIAL NWS OBS

THE PAGE SPRINGS RIVER GAUGE ON OAK CREEK RECORDED A CREST OF 9.88 FEET AT 2:15 AM MST DUE TO MODERATE DAYTIME AND HEAVY OVERNIGHT RAINFALL. THIS CREST IS APPROXIMATELY 7.78 FEET ABOVE THE FLOW HEIGHT RECORDED BEFORE THE STORM RAINFALL.

1200 AM **FLASH FLOOD** **DRY CREEK 5 WSW SEDONA**
10/03/2018 YAVAPAI AZ OFFICIAL NWS OBS

THE DRY CREEK RIVER GAUGE RECORDED A CREST OF 6.98 FEET AT 12:00 AM MST DUE TO MODERATE DAYTIME AND HEAVY OVERNIGHT RAINFALL. THIS CREST IS APPROXIMATELY 5.07 FEET ABOVE THE NORMAL FLOW HEIGHT AT THAT GAUGE.

0145 AM **FLASH FLOOD** **OAK CREEK 1 NE SEDONA**
10/03/2018 COCONINO AZ OFFICIAL NWS OBS

THE SEDONA - OAK CREEK RIVER GAUGE RECORDED A CREST OF 7.24 FEET AT 1:45 AM MST DUE TO MODERATE DAYTIME AND HEAVY OVERNIGHT RAINFALL AROUND SEDONA AND NORTH TOWARDS FLAGSTAFF. THIS CREST IS APPROXIMATELY 4.87 FEET ABOVE THE AVERAGE FLOW HEIGHT AT THAT GAUGE.

0230 AM **FLASH FLOOD** **KACHINA VILLAGE**
10/03/2018 COCONINO AZ OFFICIAL NWS OBS

PUMPHOUSE WASH CRESTED AT 2.92 FEET ABOVE THE NORMAL RECORDED WASH LEVELS DUE TO MODERATE DAYTIME AND HEAVY OVERNIGHT RAINFALL AT AND AROUND KACHINA VILLAGE.

0921 PM **FLASH FLOOD** **DOWNTOWN FLAGSTAFF**
10/02/2018 COCONINO AZ PUBLIC

PHOTO FROM THE PUBLIC OF A CAR IN A DIP IN THE ROAD WITH WATER UP TO THE DOOR HANDLES. SHE TOOK THE PHOTO AT 9:21 IN SOUTHSIDE FLG; ITS THAT DIP ON S LEROUX THAT MOST FREQUENTLY FLOODS, JUST BY THE INTERSECTION WITH W COTTAGE.

1145 AM **FLASH FLOOD** **4 ESE CORDES JUNCTION**
10/02/2018 YAVAPAI AZ OTHER FEDERAL

USGS STREAM GAUGE ALONG AGUA FRIA RIVER EAST OF CORDES JUNCTION RECORDED A RISE OF ABOUT 3.5 FEET IN THREE HOURS.

1120 AM **FLASH FLOOD** **2 NNW BLACK CANYON CITY**
10/02/2018 YAVAPAI AZ PUBLIC

RISE OF 3 FEET IN ABOUT TWO HOURS ALONG
BLACK CANYON CREEK AT THE LOW WATER CROSSING
OVER MAREN AVENUE IN BLACK CANYON CITY.
RECORDED BY YCFCD STREAM GAUGE.