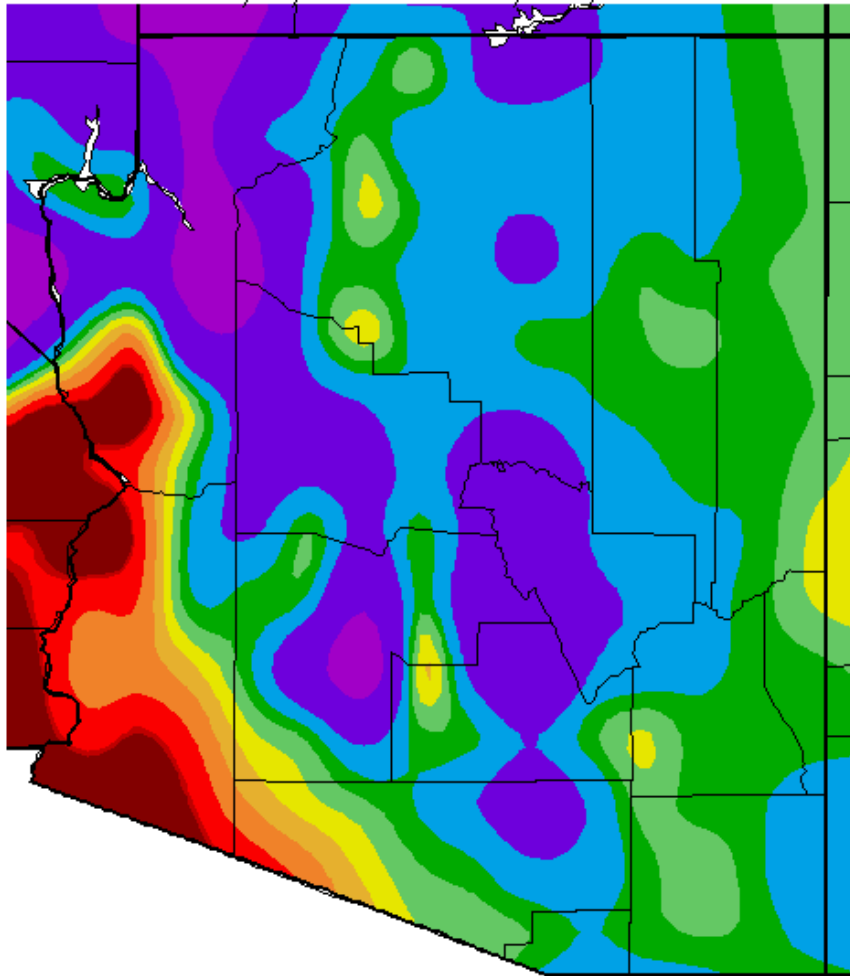




Betatakin (Navajo N.M.)	2.22
Blue Ridge R.S.	4.25
Bright Angel R.S.	3.36
Castle Hot Springs	3.35
Chino Valley	2.50
Flagstaff Airport (ASOS)	4.48
Gisela	4.59
Grand Canyon Airport (ASOS)	2.38
Grand Canyon East Entrance	2.78
Grand Canyon Visitor Center	1.99
Heber (Black Mesa) R.S.	4.76
Jerome	3.41
Natural Bridge	4.59
Page (ASOS)	0.77
Payson	6.94
Phantom Ranch	1.24
Prescott Airport (ASOS)	4.52
Prescott (Sundog Water Plant)	6.18
Saint Johns (ASOS)	2.57
Saint Michaels	4.35
Seligman	3.43
Show Low Airport	3.01
Springerville	2.56
Sunset Crater N.M.	3.98
Tuzigoot N.M.	2.64
Walnut Canyon N.M.	3.02
Williams	4.22
Window Rock (ASOS)	2.65
Winslow Airport (ASOS)	1.51

Percent of Average Precipitation (%)  
7/1/2017 - 7/31/2017



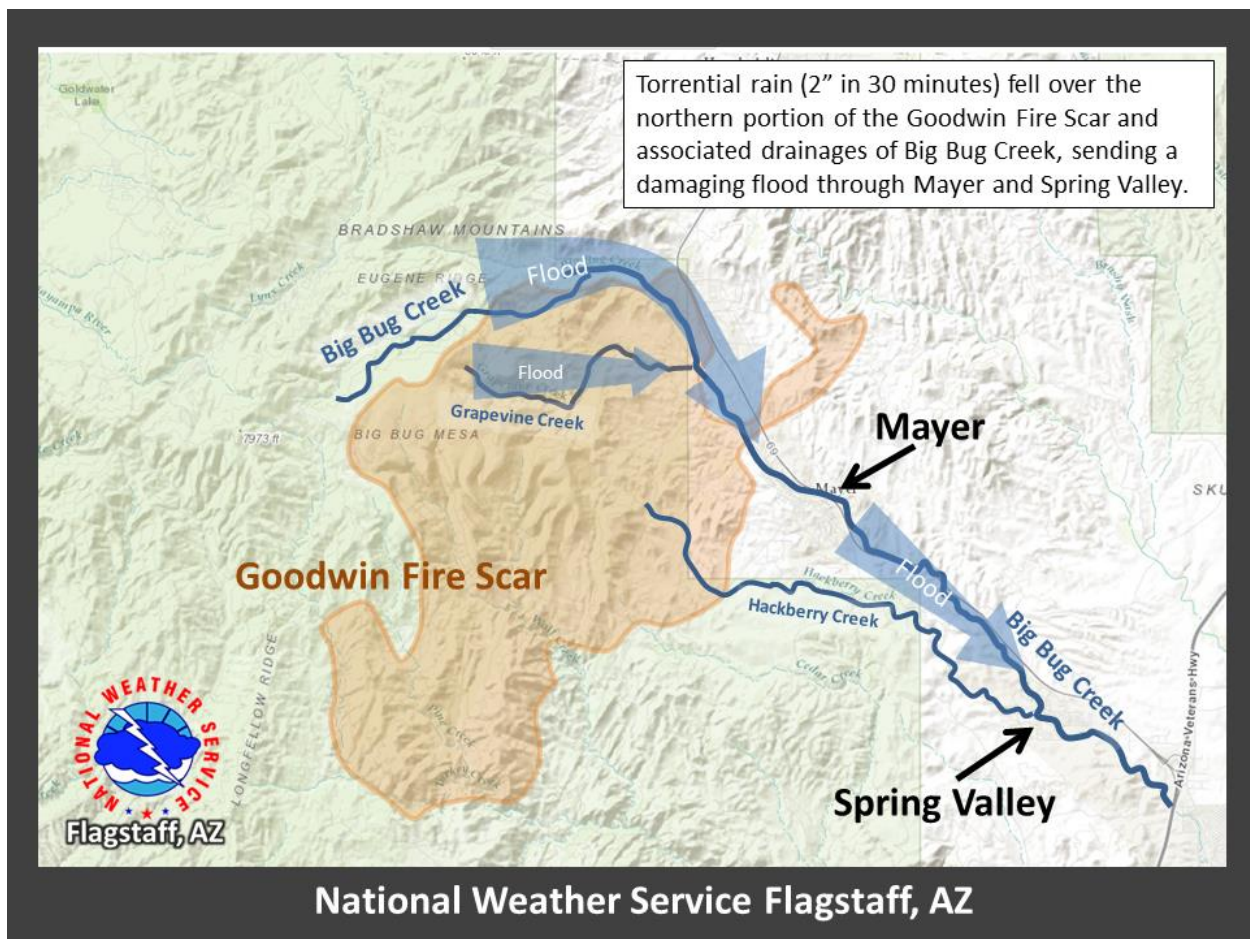
Generated 8/01/2017 at WRCC using provisional data.  
NOAA Regional Climate Centers

## ...SIGNIFICANT WEATHER...

The two highest impact flash floods of the month occurred in Mayer and along Ellison Creek northeast of Payson. Here is a summary of these two floods, followed by storm reports for the rest of the month across northern Arizona.

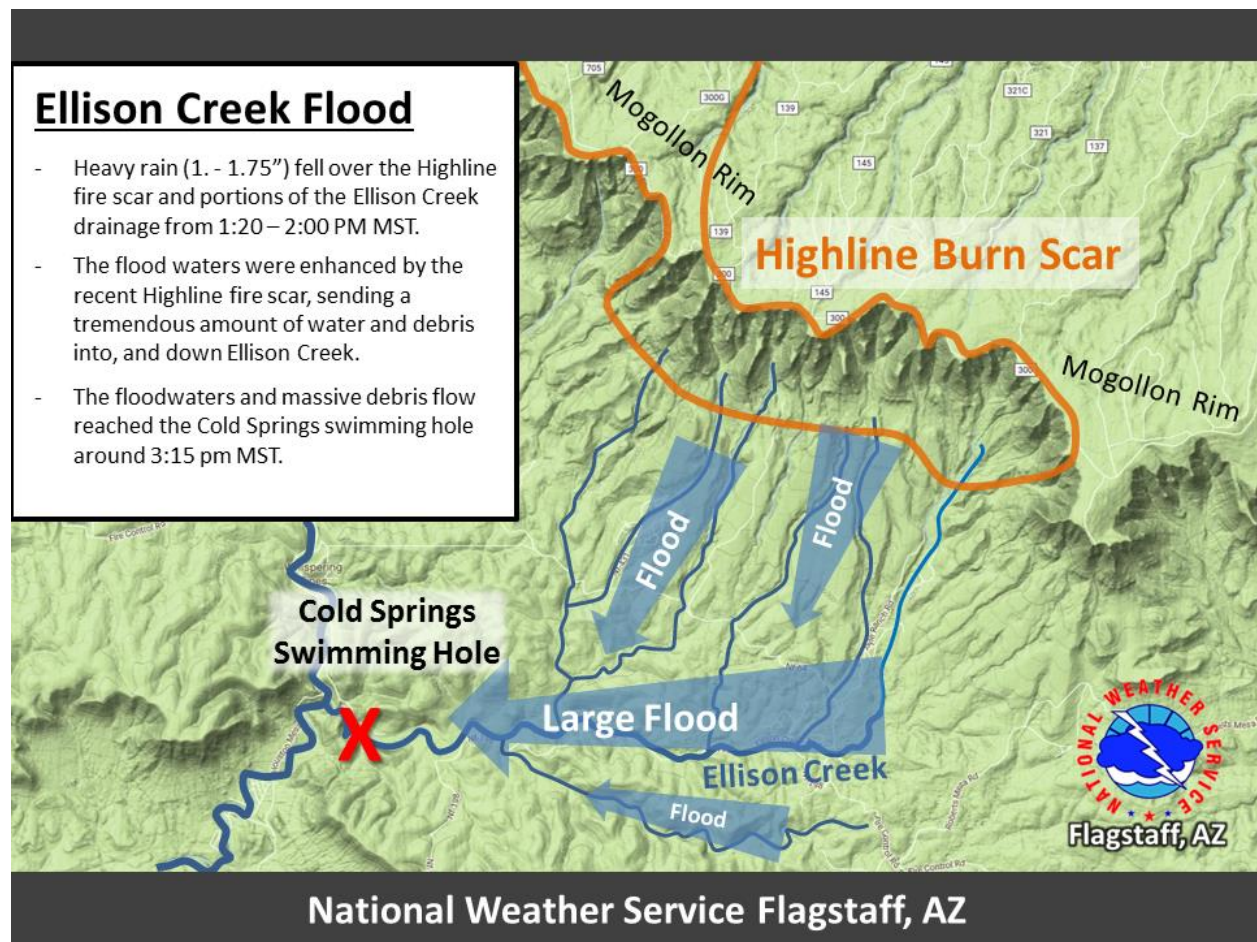
### July 19 Mayer / Spring Valley Flash Flood

Late in the afternoon of July 19<sup>th</sup>, extremely heavy rain fell over the Goodwin Fire Scar and surrounding areas and produced a large flash flood and debris flow that swept through the towns of Mayer and Spring Valley. Over 2" of rain was recorded in gauges on the fire scar between 4:20 and 5:10 PM MST, producing flash floods within Big Bug and Grapevine Creeks. The flash flood hit Mayer around 5:45 PM MST, and Spring Valley 30-45 minutes later. It is estimated that 110 homes near the creek were damaged, with 13 totaled.



## July 15 Ellison Creek Flood:

On the afternoon of July 15, 2017, a large debris flow and flash flood impacted the Ellison Creek drainage north of Payson, AZ. There were 10 fatalities and several injuries from a group recreating in Ellison Creek near the Cold Springs swimming hole. Approximately 1.00 - 1.75" of rain fell over the Highline Fire Scar and Ellison Creek drainage between 1:15 PM and 2:15 PM MST, from storms moving southward from the Rim over Ellison Creek. The heavy rain on the fresh fire scar produced a large flash flood and debris flow that hit the Cold Springs swimming hole area around 3:15 PM MST.



0428 PM HAIL 3 ESE CORDES  
07/28/2017 E0.50 INCH  
CHINO VALLEY PD REPORTS MARBLE SIZE HAIL  
WITH A FEW LARGER STONES I-17 NEAR CORDES  
JUNCTION.

0345 PM FLASH FLOOD 1 NW LEES FERRY  
07/25/2017  
RIVER GAUGE ON THE PARIA RIVER AT LEES FERRY  
MEASURED A STAGE OF 6.16 FEET INDICATING  
BETWEEN A 1.5 TO 2 FOOT RISE.

0352 PM FLOOD TSELANI 36.07N 109.89W  
07/24/2017 APACHE AZ LAW ENFORCEMENT  
CHINLE POLICE RECEIVED A REPORT OF WATER  
FLOWING ACROSS ROAD ABOUT 3:30 PM MST NEAR  
TSELANI/COTTONWOOD.

0300 PM FLOOD 4 NNE CORNFIELDS 35.70N 109.66W  
07/24/2017 APACHE AZ PUBLIC  
FOUR OR FIVE LOW WATER CROSSINGS FLOODED  
ALONG INDIAN ROUTE 15 BETWEEN CORNFIELDS AND  
HIGHWAY 77.

1245 AM FLASH FLOOD 1 NW ROCK SPRINGS  
07/24/2017 YAVAPAI  
NEARBY RIVER GAGE (AFRA3), SHOWED A RISE  
FROM 5.26 FEET TO 10.40 FEET IN 15 MINUTES.  
THIS REPRESENTS AN INCREASE OF 449 CFS TO 3545 CFS.

0230 PM TSTM WND DMG 1 S MIDDLE VERDE  
07/23/2017  
WIND GUST ESTIMATED AT 50 MPH. AWNING AND

TREE DAMAGE AT RANCHO VERDE RV PARK.

1102 PM FLASH FLOOD 2 NNW BLACK CANYON CITY

07/23/2017

BLACK CANYON RIVER WASH IS 3'-4' DEEP OVER  
MAREN AVE. THE WATER CAME UP ABOUT 9:30 PM MST.

0423 PM FLASH FLOOD 2 SSE WEST SEDONA

07/23/2017

1.46 INCHES RAIN FELL IN A SHORT TIME.  
VISIBILITY WAS <1/4 MILE. DITCHES RUNNING  
LEVEL WITH ROAD. WASH BEHIND HOUSE IS  
RUNNING FULL.

0704 PM FLASH FLOOD 3 NE POLAND JUNCTION

07/23/2017

AGUA FRIA NEAR HUMBOLDT ROSE FROM 1.46 FT AT  
415 PM MST TO 4.12 FT (PEAK) AT 515 PM MST.

0704 PM FLASH FLOOD 3 NE POLAND JUNCTION

07/23/2017

AGUA FRIA NEAR HUMBOLDT ROSE FROM 1.46 FT TO  
4.12 FT (PEAK) IN ONE HOUR.

0609 PM FLASH FLOOD 3 WNW CORDES JUNCTION

07/23/2017

WATER IS TWO FEET OVER THE SPRING LANE  
BRIDGE CROSSING BIG BUG CREEK.

0627 PM FLASH FLOOD 3 SSW VILLAGE AT OAK CREEK

07/23/2017

DRY BEAVER CREEK RIVER GAUGE ROSE FROM 0.95  
AT 330 PM MST FT TO 3.74 FT (PEAK) IN 1.25

HRS.

0315 PM FLASH FLOOD 2 SE WEST SEDONA

07/23/2017

BELL ROCK TRAILHEAD WASHED OUT. PEOPLE STRANDED ON THE TRAIL. NO INJURIES REPORTED.

0314 PM FLASH FLOOD 1 NNW WEST SEDONA

07/23/2017

BALDWIN LOOP TRAIL DOWN TO VERDE SCHOOL FLOODED.

0309 PM FLASH FLOOD 2 E UPTOWN SEDONA

07/23/2017

FLASH FLOODING ON SCHNEBLY HILL ROAD A FEW MILES FROM 179. PEOPLE FLED CAR UP THE HILL TO ESCAPE.

0449 PM TSTM WND GST PRESCOTT AIRPORT

07/22/2017 M68 MPH

WIND GUST ASSOCIATED WITH A WET MICROBURST. A FEW AIRCRAFT WERE MOVED/TURNED BY THE WIND. NO DAMAGE REPORTED.

0230 PM FLASH FLOOD 9 SE CARRIZO

07/22/2017

CEDAR CREEK PEAKED AT 6 FEET AND WAS RECEDING AT 3:30 PM MST. REPORTED THAT ONE PROPERTY WAS FLOODED; NO REPORTED DAMAGE TO THE HOUSE.

0215 PM FLASH FLOOD CARRIZO

07/22/2017 GILA

CARRIZO CREEK PEAKED AT 10 FT. BY 330 PM MST



THE CREEK WAS DOWN TO 5 FEET.

0245 PM HEAVY RAIN 2 SW WILLIAMS 35.24N 112.19W  
07/21/2017 M1.37 INCH COCONINO AZ TRAINED SPOTTER

VERY ACTIVE CELL OVER WILLIAMS FROM  
1410-1450. LOTS OF LIGHTNING, HEAVY RAIN,  
VERY GUSTY WINDS. MODERATE STREET FLOODING SW OF DOWNTOWN.

0320 PM TSTM WND DMG COTTONWOOD  
07/21/2017

WIND DAMAGE: TREE TRUNK GREATER THAN 12" IN  
DIAMETER SNAPPED IN FRONT OF THE CLEMENCEAU  
HERITAGE MUSEUM. WIND SPEED ESTIMATED 55  
MPH. HAIL: PENNY SIZE - 0.75" HEAVY RAIN:  
1.00-1.24" IN 30 MINUTES.

0200 PM FLASH FLOOD 9 SE CARRIZO  
07/21/2017

EMERGENCY MANAGEMENT REPORTED AN 8 FOOT RISE  
ON CEDAR CREEK AT THE HIGHWAY 73 BRIDGE.

0132 PM FLASH FLOOD 1 NW MAYER  
07/21/2017

BIG BUG CREEK ROSE 2 TO 2.5 FEET AT THE  
CENTRAL AVE BRIDGE IN MAYER. WIDTH OF FLOOD  
WATERS WAS ABOUT 50 FEET.

0915 PM FLASH FLOOD 3 ESE CORDES JUNCTION  
07/19/2017

STREAM GAGE (AGUA FRIA NEAR MAYER) REPORTED A 5.84 FT.  
RISE IN WATER LEVEL IN A 45-MINUTE PERIOD FROM  
8:30PM TO 9:15PM MST.

1257 PM FLASH FLOOD 2 S PRESCOTT VALLEY

07/19/2017

YAVAPAI COUNTY EM SOCIAL MEDIA PAGE SHOWED AT LEAST A 2 FEET RISE IN WATER LEVEL OF THE ALBERSON WASH UPSTREAM FROM FAIN LAKE AND LYNX CREEK.

0510 PM HAIL 1 ESE WEST SEDONA

07/19/2017 E1.00 INCH

PUBLIC REPORTS QUARTER SIZE HAIL.

1240 PM FLASH FLOOD 4 SW PRESCOTT VALLEY

07/19/2017

3 FEET OF WATER AND DEBRIS OVER ROAD. IN DIAMOND VALLEY SUBDIVISION AT EMERALD DR.

1201 PM FLASH FLOOD 3 SSW PRESCOTT AIRPORT

07/19/2017

ROADS AT WILLOW CREEK RD AND COMMERCE FLOODED. 1 TRUCK STUCK IN WATER.

0915 PM FLASH FLOOD 1 SSE SLIDE ROCK

07/18/2017

LAW ENFORCEMENT REPORTS BOULDERS ON 89A. WATER DEPTH UNKNOWN. SPOTTER REPORTS FLOODED ROADWAYS 89A AND DRY CREEK RD 6-8 IN ESTIMATED IN ROAD.

0630 PM FLASH FLOOD 4 W SNOWFLAKE

07/18/2017

LAW ENFORCEMENT REPORTS FLOODED ROADWAY AT FREEMAN HOLLOW CLOSED AND MANHOLE COVERS COMING UP. PUBLIC REPORTS FLOOD WATERS

ENTERED PROPERTY.

0600 PM FLASH FLOOD 2 SSE DEWEY-HUMBOLDT

07/18/2017

RAPID 4 FOOT RISE ON AGUA FRIA RIVER AT  
HUMBOLDT.

0845 PM HEAVY RAIN 2 NE LAKE MONTEZUMA

07/17/2017 E2.00 INCH

WALKER CREEK A TRIBUTARY INTO WET BEAVER  
CREEK FLASH FLOODING DUE EAST OF RIM ROCK.  
VIDEO AT 8:45 PM CONFIRMED FLOODING.  
OBSERVER ESTIMATED WATER DEPTH OF 4-5 FEET.  
RADAR INDICATED 2" RAIN FELL SOUTHEAST OF  
THIS AREA 1-1.5 HRS EARLIER.

0230 PM TSTM WND DMG 6 WNW CHINO VALLEY

07/17/2017

APPROXIMATELY 230 PM MONDAY, STRONG WINDS  
TORE A 24'X72' METAL ROOF FROM A SHED. BASED  
ON A PHOTO OF THE DAMAGE, WINDS ESTIMATED AT  
ABOUT 50-55 MPH.

0525 PM TSTM WND DMG BAGDAD

07/17/2017

POWER LINES AND TREES DOWN.

0730 PM FLASH FLOOD 1 SW LAKE MONTEZUMA

07/17/2017

RUSSELL WASH FLOODING IN LAKE MONTEZUMA.

0552 PM FLASH FLOOD 1 S PAULDEN

7/17/2017

BIG CHINO WASH ROSE 3 FEET IN A SHORT TIME  
AT HIGHWAY 89.

0914 AM HAIL 5 W PRESCOTT AIRPORT

07/17/2017 M1.75 INCH

FIVE MILES NORTH OF IRON SPRINGS ROAD ON  
WILLIAMSON VALLEY RD. -- GOLF BALL SIZED  
HAIL.

0430 PM TSTM WND DMG 5 W PRESCOTT AIRPORT

07/16/2017

HAIL SIZE: QUARTER - 1.00" WIND DAMAGE: A  
JEEP WAS FORCED OFF THE ROAD AND HIT A  
TELEPHONE POLE.

0817 PM TSTM WND GST 11 WSW STRAWBERRY

07/16/2017 M59 MPH

0719 PM FLASH FLOOD 11 N ARIPIINE

07/16/2017

NAVAJO COUNTY SHERIFF'S OFFICE DISPATCH  
RECEIVED A PUBLIC REPORT OF FLASH FLOODING  
OF THE SCOTT WASH OVER ARIZONA STATE ROUTE  
377 BETWEEN MILE MARKERS 7 AND 8.

0321 PM HAIL 3 WSW PRESCOTT COURTHOUSE

07/16/2017 E1.00 INCH

LARGEST STONES UP TO QUARTER SIZED.

0237 PM HAIL 4 W PRESCOTT AIRPORT

07/16/2017 E1.50 INCH

0220 PM HAIL 2 SE PAYSON 34.23N 111.31W

07/15/2017 E1.00 INCH GILA AZ PUBLIC  
REPORTED FROM NWS FLAGSTAFF FACEBOOK PAGE.  
TIME ESTIMATED USING RADAR.

0345 PM TSTM WND GST PRESCOTT VALLEY

07/15/2017 E60 MPH  
EVENT: HIGH WIND SPEED DETAILS: 60 MPH  
PEA-SIZE HAIL (0.25/0.50") WITH ASSOCIATED  
DENSE FOG REDUCING VISIBILITY TO LESS THAN  
OR EQUAL TO 1/4 MILE.

0530 PM FLASH FLOOD 3 SSW PRESCOTT VALLEY 34.57N 112.34W  
07/15/2017 YAVAPAI AZ COUNTY OFFICIAL  
YAVAPAI FLOOD CONTROL REPORTED FAIN LAKE  
OVERFLOWING AND CAUSING FLOODING IN LYNX  
CREEK.

0230 PM TSTM WND DMG PAYSON

07/15/2017  
PINE TREES BENT OVER SIDEWAYS, DAMAGE TO  
MANZANITA AND SCRUB OAK TREES. TIME  
ESTIMATED.

0420 PM TSTM WND GST 7 SSE CROWN KING

07/15/2017 M67 MPH  
MEASURED AT HUMBUG CREEK RAWLS.

0253 PM TSTM WND GST 3 S PRESCOTT VALLEY

07/15/2017 M58 MPH

0437 PM TSTM WND DMG 13 WSW ROCK SPRINGS

07/14/2017  
POWER POLES DOWN ALONG CASTLE CREEK NORTH OF

LAKE PLEASANT. REPORTED VIA APS WEB OUTAGE  
MAP.

0458 PM LIGHTNING 1 SE BELLEMONT

07/13/2017

\*\*\* 7 INJURED \*\*\*

LIGHTNING STRUCK CAMP NAVAJO AND INJURED  
SEVEN MILITARY PERSONNEL WORKING ON A  
GROUNDED HELICOPTER. ALL SEVEN WERE TREATED  
AND RELEASED WITHIN HOURS OF THE EVENT.

0400 PM FLASH FLOOD 1 NW MAYER

07/12/2017

CENTRAL AVENUE IN MAYER WAS CLOSED DUE TO  
FLOODING OF BIG BUG CREEK. PHOTOS SHOWED MUD  
AND DEBRIS OVER THE ROADWAY.

0100 PM FLASH FLOOD 3 SW POLAND JUNCTION

07/12/2017

GRAPEVINE CREEK WITHIN THE GOODWIN FIRE SCAR  
REPORTED TO BE RUNNING DANGEROUSLY HIGH.  
RELAYED BY YAVAPAI COUNTY FLOOD CONTROL  
DISTRICT.

0700 PM DEBRIS FLOW 7 SSE WALKER

07/11/2017

DEBRIS FROM GOODWIN FIRE FLOWED ACROSS ROAD  
AT ABOUT 7:00 PM MST.

0400 PM FLASH FLOOD 4 SE WASHINGTON PARK

07/11/2017

INCREASED FLOW IN BONITA CREEK AS A RESULT  
OF RAIN ON THE HIGHLINE FIRE SCAR AS WELL AS

HEAVY RAIN NEAR BONITA CREEK ESTATES. WATER  
REMAINED WITHIN BANKS AND DID NOT AFFECT  
HOMES.

0420 PM FLASH FLOOD 9 SE CARRIZO

07/11/2017

CEDAR CREEK FLOWING AT 8 FT AT THE HIGHWAY  
73 BRIDGE AT 4:20 PM. REPORTED BY THE WHITE  
MOUNTAIN APACHE EM.

0215 PM FLASH FLOOD MAYER

07/12/2017

ABOUT 2 FEET OF DEBRIS FLOW WAS OBSERVED ON  
BIG BUG CREEK WHICH WAS PREVIOUSLY DRY.