

PUBLIC INFORMATION STATEMENT...CORRECTED
NATIONAL WEATHER SERVICE FLAGSTAFF AZ
1030 AM MST TUE AUG 3 2010

...MONTH IN REVIEW FOR NORTHERN ARIZONA FOR JULY 2010...

...TEMPERATURE AND PRECIPITATION OVERVIEW...

HIGH TEMPERATURES WERE NEAR NORMAL...WHILE LOW TEMPERATURES WERE MUCH ABOVE NORMAL FOR JULY. THE LARGE AMOUNT OF MOISTURE THAT MOVED INTO ARIZONA DURING THE MONTH INCREASED DEWPOINTS WHICH KEPT OVERNIGHT TEMPERATURES WARMER THAN USUAL. THE INCREASED MOISTURE ALSO RESULTED IN MOST LOCATIONS RECEIVING ABOVE NORMAL PRECIPITATION DURING THE MONTH.

JULY DATA AND DEPARTURES FROM NORMAL FOR SELECTED CITIES:

	MAX	DEP	MIN	DEP	PCPN	DEP
	TEMP	NORM	TEMP	NORM	TOTL	NORM
FLAGSTAFF	81.6	+0.0	54.0	+3.2	5.94	+3.50
BELLEMONT	80.3	-1.3	48.3	+2.3	4.58	+1.78
WINSLOW	94.5	+1.0	65.9	+3.8	0.98	-0.26
PRESCOTT AP	90.2	+0.9	65.1	+3.7	1.27	-1.51
SAINT JOHNS	89.4	-0.8	62.0	+4.7	2.63	+0.59
PAGE	97.1	+0.5	72.9	+3.1	1.27	+0.19
BLUE RIDGE	81.7	-1.2	57.4	+4.9	5.30	+2.79
ALPINE	77.4	-0.5	49.4	+4.7	6.20	+2.56
SELIGMAN	92.9	+1.5	59.1	+3.8	1.61	-0.21

...SELECT RECORDS...

A STRONG RIDGE OF HIGH PRESSURE THAT DEVELOPED OVER ARIZONA IN MID JULY PRODUCED RECORD HIGH TEMPERATURES...

...RECORD HIGH TEMPERATURES FOR NORTHERN ARIZONA ON JUL 16 2010...

CITY (PERIOD OF RECORD)	NEW HIGH	PREVIOUS RECORD/YEAR
PAGE (1958 - 2010)	106	104 IN 2006

...RECORD HIGH TEMPERATURES FOR NORTHERN ARIZONA ON JUL 18 2010...

CITY (PERIOD OF RECORD)	NEW HIGH	PREVIOUS RECORD/YEAR
HOLBROOK (1893 - 2010)	103	103 (TIED) IN 2005
PAGE (1958 - 2010)	105	105 (TIED) IN 2005
PETRIFIED FOREST (1931 - 2010)	105	104 IN 2005

THE ABOVE NORMAL MOISTURE THAT ARRIVED IN ARIZONA DURING THE SECOND HALF OF JULY RESULTED IN ABOVE NORMAL PRECIPITATION IN MANY LOCATIONS ACROSS NORTHERN ARIZONA. SOME LOCATIONS RECEIVED RECORD RAINFALL TOTALS FOR THE MONTH.

...LOCATIONS* THAT RECEIVED RECORD RAINFALL IN JULY AND THEIR RANKING AMONGST THE WETTEST OF ALL TIME...

BLUE RIDGE RS.....	5.30	INCHES	(1ST)
MCNARY (WHITE MOUNTAINS).....	8.60	INCHES	(1ST)
WILLIAMS.....	7.31	INCHES	(2ND)
SHOW LOW AP.....	5.31	INCHES	(2ND)
PAGE.....	0.68	INCHES	(3RD)
TONTO CREEK FISH HATCHERY.....	7.56	INCHES	(3RD)
FLAGSTAFF.....	5.94	INCHES	(4TH)
BELLEMONT.....	4.58	INCHES	(5TH)
FLAGSTAFF ARBORETUM.....	3.25	INCHES	(5TH)
MONTEZUMA CASTLE.....	4.56	INCHES	(6TH)
ALPINE.....	6.20	INCHES	(7TH)
PAYSON.....	3.80	INCHES	(14TH)
FORT VALLEY.....	5.33	INCHES	(11TH)
SNOWFLAKE.....	4.28	INCHES	(11TH)
PLEASANT VALLEY.....	4.36	INCHES	(17TH)

* STATIONS WHERE DATA HAS BEEN RECEIVED THUS FAR. MORE LOCATIONS WILL BE ADDED IF APPLICABLE.

...SIGNIFICANT WEATHER...

ON JULY 17...

A MOIST AND UNSTABLE AIRMASS BROUGHT WIDESPREAD SHOWERS AND THUNDERSTORMS TO NORTHERN ARIZONA ON JULY 17. THE STRONGEST STORMS INITIATED ALONG THE MOGOLLON RIM AND DEVELOPED SOUTHWESTWARD THROUGH THE AFTERNOON. LISTED BELOW ARE SOME OF THE REPORTS RECEIVED FROM ACROSS THE REGION THAT DAY.

RAINFALL:

PINETOP 3MI SE.....	2.00"	AS OF	600 PM
WILLIAMS.....	1.75"	AS OF	730 PM
PARKS 3MI NNW.....	0.85"	AS OF	200 PM
FORT VALLEY.....	0.51"	AS OF	600 PM
FLAGSTAFF AIRPORT....	0.15"	AS OF	600 PM
PRESCOTT.....	0.14"	AT OF	900 PM

HAIL:

PINETOP 3MI SW.....	1.00"	REPORTED AT	500 PM
PINETOP-LAKESIDE.....	1.00"	REPORTED AT	515 PM
PINETOP.....	0.50"	REPORTED AT	505 PM
PARKS 3MI NNW.....	0.25"	REPORTED AT	100 PM

ON JULY 20...

THE SCHULTZ FIRE SCARRED OVER 15000 ACRES NORTH OF FLAGSTAFF IN JUNE. THE CHARRED SURFACE PRODUCED AN INCREASE RISK OF FLASH FLOODING OVER AND DOWNSTREAM OF THIS AREA. THE MOST INTENSE RAINFALL TO OCCUR OVER THE BURN AREA WAS ON JULY 20TH...A FLASH FLOOD WARNING WAS ISSUED AT 120 PM MST FOR AREAS OVER AND EAST OF THE SCHULTZ BURN AREA NEAR FLAGSTAFF. ONE OF THE RAIN GAUGES POSITIONED AT THE FIRE SITE RECORDED 1.78" OF RAINFALL...WITH LOCALLY HIGHER AMOUNTS LIKELY OVER PORTIONS OF THE BURN. INITIAL RUNOFF THROUGH ADJACENT NEIGHBORHOODS WAS REPORTED AS EARLY AS 155 PM MST...WITH EXTENSIVE

FLOODING BEGINNING BEFORE 230 PM MST. WIDESPREAD FLOODING AND DEBRIS SHEET FLOW WAS OBSERVED ACROSS THE TIMBERLINE...HUTCHINSON ACRES... AND WUPATKI TRAILS NEIGHBORHOODS. IN ADDITION...FLOODING HALTED TRAFFIC ALONG ROUTE 89...AND EVENTUALLY SEEPED INTO PORTIONS OF DONEY PARK EAST OF ROUTE 89 AND NORTH OF SILVER SADDLE ROAD.

ON JULY 23...

THREE SEVERE THUNDERSTORM WARNINGS WERE ISSUED IN NORTHERN ARIZONA...

1246 PM MST...FOR CENTRAL GILA COUNTY FOR LARGE HAIL AND DAMAGING WINDS FOR RURAL LOCATIONS ABOUT 30 MILES SOUTHEAST OF FOREST LAKES.

233 PM MST...FOR CENTRAL GILA COUNTY FOR LARGE HAIL AND DAMAGING WINDS FOR RURAL LOCATIONS ABOUT 18 MILES NORTH OF ROOSEVELT.

247 PM MST...FOR NORTH CENTRAL YAVAPAI COUNTY FOR LARGE HAIL AND DAMAGING WINDS FOR RURAL LOCATIONS ABOUT 25 MILES NORTH OF CHINO VALLEY. SPOTTERS REPORTED HAIL 1/2 INCH TO 1 INCH IN SIZE ABOUT 2 MILES SOUTH OF ASH FORK.

ON JULY 26...

HEAVY RAINS ON JULY 26 CAUSED FLASH FLOODING IN EAST CENTRAL NAVAJO COUNTY. THIS INCLUDED THE LEROUX WASH...LITTLE LITHODENDRON WASH... AND THE LITHODENDRON WASH.

ON JULY 29...

SLOW MOVING THUNDERSTORMS PRODUCING VERY HEAVY RAINFALL MOVED OVER WEST CENTRAL YAVAPAI COUNTY. 2 TO 3 INCHES OF RAINFALL CAUSED FLASH FLOODING IN SEVERAL CREEKS AND WASHES IN THAT AREA.

ON JULY 30...

HEAVY THUNDERSTORMS DURING THE DAY NEAR SYCAMORE CANYON IN YAVAPAI COUNTY CAUSED FLASH FLOODING IN THAT AREA. RAINFALL THAT OCCURRED LATE THAT EVENING PRODUCED ADDITIONAL FLOODING IN RIMROCK...PAGE SPRINGS... AND CORNVILLE.

ON JULY 31...

HEAVY RAIN IN APACHE COUNTY PRODUCED FLOODING IN VERNON...CONCHO ...LUPTON...NUTRIOSO...AND NAVAJO NATION PRODUCED FLOODING ISSUES IN THOSE AREAS. A SPOTTER REPORTED A MUDSLIDE ACROSS HIGHWAY 191 NEAR NUTRIOSO. THE APACHE COUNTY SHERIFFS OFFICE REPORTED WATER OVER HIGHWAY 61 EAST OF CONCHO...AND WATER FLOWING OVER HIGHWAY 12 NORTH OF LUPTON.

PLEASE SEND QUESTIONS OR COMMENTS TO W-FGZ.WEBMASTER@NOAA.GOV