

PUBLIC INFORMATION STATEMENT
NATIONAL WEATHER SERVICE FLAGSTAFF AZ
340 PM MST WED JUL 1 2010

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

...TEMPERATURE AND PRECIPITATION OVERVIEW...

TEMPERATURES ACROSS NORTHERN ARIZONA WERE SLIGHTLY ABOVE NORMAL FOR THE MONTH OF JUNE. IN MOST AREAS...PRECIPITATION WAS WELL BELOW NORMAL. THUNDERSTORM ACTIVITY INCREASED OVER SOUTHEASTERN ARIZONA LATE IN THE MONTH WHICH ACCOUNTED FOR ENHANCED PRECIPITATION IN THE WHITE MOUNTAINS...INCLUDING ALPINE.

JUNE DATA AND DEPARTURES FROM NORMAL FOR SELECTED CITIES:

| | MAX | DEP | MIN | DEP | PCPN | DEP |
|-------------|------|------|------|------|------|-------|
| | TEMP | NORM | TEMP | NORM | TOTL | NORM |
| FLAGSTAFF | 78.7 | +0.8 | 41.9 | +0.2 | 0.09 | -0.34 |
| BELLEMONT | 77.3 | -0.4 | 34.4 | -1.1 | T | -0.50 |
| WINSLOW | 93.0 | +2.5 | 53.6 | +0.1 | 0.01 | -0.27 |
| PRESCOTT | 86.8 | +0.9 | 54.9 | +1.4 | 0.31 | -0.18 |
| SAINT JOHNS | 89.4 | +1.3 | 51.6 | +2.1 | T | -0.48 |
| PAGE | 91.9 | +0.7 | 65.4 | +2.0 | T | -0.01 |
| NAVAJO NM | 81.5 | +0.1 | 54.9 | +2.5 | 0.00 | -0.35 |
| ALPINE | 78.7 | +1.7 | 39.6 | +3.5 | 1.13 | +0.32 |
| SELIGMAN | 88.7 | +1.1 | 47.9 | +1.5 | T | -0.35 |

...SELECT RECORDS...

A STRONG RIDGE OF HIGH PRESSURE DEVELOPED OVER THE STATE DURING THE FIRST HALF OF THE MONTH. THE COMBINATION OF DRY AIR AND SUBSIDENCE CAUSED BY HIGH PRESSURE ALOFT PRODUCED RECORD HIGH TEMPERATURES FOR SEVERAL DAYS.

...DATES WHEN RECORD HIGH TEMPERATURES FOR NORTHERN ARIZONA OCCURRED...

...RECORD HIGH TEMPERATURES FOR NORTHERN ARIZONA ON JUN 09 2010...

| CITY (PERIOD OF RECORD) | NEW HIGH | PREVIOUS RECORD/YEAR |
|-------------------------------------|----------|----------------------|
| GRAND CANYON NP N RIM (1925 - 2010) | 85 | 83 IN 1996 |
| GREER (1906 - 2010) | 83 | 83 (TIED) IN 1996 |
| SEDONA (1944 - 2010) | 103 | 103 (TIED) IN 1985 |
| SPRINGERVILLE (1911 - 2010) | 91 | 90 IN 1996 |

...RECORD HIGH TEMPERATURES FOR NORTHERN ARIZONA ON JUN 08 2010...

| CITY (PERIOD OF RECORD) | NEW HIGH | PREVIOUS RECORD/YEAR |
|-----------------------------|----------|----------------------|
| SPRINGERVILLE (1911 - 2010) | 90 | 89 IN 1955 |
| WINSLOW (1915 - 2010) | 99 | 99 (TIED) IN 1996 |

...RECORD HIGH TEMPERATURES FOR NORTHERN ARIZONA ON JUN 07 2010...

| CITY (PERIOD OF RECORD) | NEW HIGH | PREVIOUS RECORD/YEAR |
|-----------------------------------|----------|----------------------|
| COTTONWOOD-TUZIGOOT (1977 - 2010) | 107 | 107 (TIED) IN 1996 |
| SEDONA (1944 - 2010) | 102 | 102 (TIED) IN 1985 |
| WINSLOW (1893 - 2010) | 100 | 99 IN 2002 |

...RECORD HIGH TEMPERATURES FOR NORTHERN ARIZONA ON JUN 05 2010...

| CITY (PERIOD OF RECORD) | NEW HIGH | PREVIOUS RECORD/YEAR |
|--------------------------------|----------|----------------------|
| FLAGSTAFF (1899 - 2010) | 88 | 87 IN 2006 |
| PETRIFIED FOREST (1931 - 2010) | 98 | 98 (TIED) IN 2006 |
| SPRINGERVILLE (1911 - 2010) | 92 | 90 IN 2006 |
| WILLIAMS (1897 - 2010) | 89 | 89 (TIED) IN 2006 |
| WINSLOW (1893 - 2010) | 100 | 100(TIED) IN 2006 |

...SIGNIFICANT WEATHER...

THE CONTINUED DRY CONDITIONS THAT STARTED BACK IN FEBRUARY...COMBINED WITH WINDY CONDITIONS IN APRIL AND MAY...CREATED CRITICAL FIRE WEATHER CONDITIONS FOR MANY AREAS ACROSS NORTHERN ARIZONA DURING JUNE. THESE CONDITIONS AIDED IN THE RAPID SPREAD OF THE EAGLE ROCK...HARDY...AND SCHULTZ FIRES.

AN EXAMPLE OF THE CRITICAL FIRE WEATHER CONDITIONS THAT OCCURRED DURING JUNE WAS ON JUNE 16...WHEN A LOW PRESSURE SYSTEM MOVING THROUGH UTAH PRODUCED STRONG SOUTHWESTERLY WINDS DURING THE AFTERNOON ACROSS NORTHERN ARIZONA WITH SEVERAL STATIONS REPORTING WIND GUSTS ABOVE 40 MPH. A WIND ADVISORY WAS ISSUED FROM THE MOGOLLON RIM NORTHWARD AND A RED FLAG WARNING WAS ISSUED FOR THE SAME AREA INCLUDING YAVAPAI COUNTY MOUNTAINS AND THE WHITE MOUNTAINS ZONES.

STRONG WIND GUSTS WERE REPORTED FROM THE FOLLOWING LOCATIONS THAT DAY:

| | |
|-------------------|---------|
| FOUR SPRINGS | 53 MPH. |
| BRIGHT ANGEL | 49 MPH. |
| HOUSE ROCK | 48 MPH. |
| FLAGSTAFF AIRPORT | 47 MPH. |
| TUBA CITY | 46 MPH. |
| LIMESTONE CANYON | 45 MPH. |
| TWO GUNS | 45 MPH. |
| FRAZIER WELLS | 43 MPH. |
| HOPI | 42 MPH. |
| HUMBUG CREEK | 40 MPH. |
| WUPATKI | 40 MPH. |

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