

MONTH IN REVIEW FOR NORTHERN ARIZONA FOR JUNE 2011

...TEMPERATURE AND PRECIPITATION OVERVIEW...

A persistent trough across the Western U.S. resulted a very dry southwesterly flow across northern Arizona during June 2011. Dry air allows for efficient daytime heating and strong radiational cooling at night. This is evident in the observed average daily high and low temperatures. Highs were above normal, especially across eastern Arizona where the air was driest. Overnight lows were below normal for most higher elevation locations. Little or no rain fell across the region during the month. Flagstaff recorded no precipitation for the month, the 22nd time this has occurred in June since recordkeeping began.

JUNE DATA AND DEPARTURES FROM NORMAL FOR SELECTED CITIES:

	MAX	DEP	MIN	DEP	PCPN	DEP
	TEMP	NORM	TEMP	NORM	TOTL	NORM
FLAGSTAFF	78.9	+0.2	39.1	-2.3	0.00	-0.43
BELLEMONT	78.8	+1.1	33.2	-2.2	0.00	-0.50
GRAND CANYON	82.0	+0.1	33.4	-3.5	T	-0.38
WINSLOW	93.3	+2.8	53.7	+0.2	0.03	-0.25
PRESCOTT AIRPORT	87.5	+0.9	53.6	-0.5	0.00	-0.43
SAINT JOHNS	91.0	+2.9	50.7	+1.2	T	-0.48
SELIGMAN	87.7	+0.1	46.6	+0.1	0.00	-0.34
SHOW LOW AP	85.8	+1.5	52.4	-0.8	0.01	-0.42
WINDOW ROCK	85.5	+3.6	42.6	-3.0	0.12	-0.35

...SIGNIFICANT WEATHER...

A persistent trough across the Western U.S. led to breezy conditions nearly every day of the month. Several of the days were particularly windy, with the National Weather Service issuing Wind Advisories on June 1st-2nd, 6th, 16th, 18th-19th, 26th, and 29th. Wind Advisories are issued when sustained winds are expected to reach 30 MPH or greater, and/or gusts to 40 MPH or greater. The average wind speed for the entire month (including overnight hours) at Flagstaff was 9.4 MPH, well above the normal of 6.7 MPH. Winslow's average speed was 11.5 MPH with 9.8 MPH being normal.

June 6th was one of the windiest days of the month. Here are some peak wind gusts observed:

...AUTOMATED SURFACE OBSERVING STATIONS (ASOS)...

GRAND CANYON.....55 MPH.
FLAGSTAFF.....53 MPH.
SAINT JOHNS.....51 MPH.
WINSLOW.....49 MPH.
WINDOW ROCK.....47 MPH.

PAGE.....44 MPH.
PRESCOTT.....40 MPH.

...ADDITIONAL REPORTS...

LIMESTONE CANYON..55 MPH.
HOUSEROCK.....54 MPH.
LUPTON.....50 MPH.
TWO GUNS.....50 MPH.
DONEY PARK.....46 MPH.
WILLIAMS.....45 MPH.
SHOW LOW.....45 MPH.
HOPI RAWES.....44 MPH.
PAINTED DESERT....43 MPH.

June's dry and windy weather pattern helped the 'Wallow' wildfire in Arizona's White Mountains grow to become the largest wildfire in state history at over a half-million acres. The very dry Winter of 2010-2011 over eastern Arizona was also a major factor in the severity of this fire.

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