

PUBLIC INFORMATION STATEMENT
NATIONAL WEATHER SERVICE FLAGSTAFF AZ
1030 AM MST MON MAY 3 2010

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

...TEMPERATURE AND PRECIPITATION OVERVIEW...

APRIL TEMPERATURES WERE BELOW NORMAL ACROSS NORTHERN ARIZONA. THESE DEPARTURES WERE MAINLY DUE TO THE HIGH FREQUENCY OF LOW PRESSURE SYSTEMS THAT AFFECTED THE SOUTHWESTERN US. PRECIPITATION TOTALS WERE ALSO BELOW NORMAL...BECAUSE OF THE LACK OF MOISTURE THAT THESE STORMS BROUGHT WITH THEM. AS STORM TRACKS SHIFTED NORTH DURING APRIL...THERE WAS A DECREASE IN THE DURATION OF MOIST SOUTHERLY FLOW INTO NORTHERN ARIZONA.

APRIL DATA AND DEPARTURES FROM NORMAL FOR SELECTED CITIES:

	MAX	DEP	MIN	DEP	PCPN	DEP
	TEMP	NORM	TEMP	NORM	TOTL	NORM
FLAGSTAFF	56.3	-2.1	26.6	-0.7	0.57	-0.72
BELLEMONT	54.9	-2.5	22.2	-1.5	0.98	-0.42
WINSLOW	70.5	+0.2	37.0	-0.0	0.07	-0.30
PRESCOTT	65.2	-2.5	36.5	-0.4	0.31	-0.23
SAINT JOHNS	68.2	-1.8	33.4	-0.2	0.06	-0.43
PAGE	68.9	-0.5	44.3	-0.2	0.03	-0.41
COTTONWOOD	74.2	-1.9	40.4	-3.1	0.17	-0.43
SEDONA	72.4	-0.5	42.5	+0.2	0.10	-1.02
SELIGMAN	67.6	-1.5	31.1	-1.0	0.07	-0.45

...SELECT RECORDS...

THE PERSISTENT TROUGH THAT WAS IN PLACE OVER THE SOUTHWESTERN US FOR MUCH OF APRIL ALLOWED FOR RECORD COLD TEMPERATURES ACROSS NORTHERN ARIZONA TO BE SET DURING SEVERAL NIGHTS OF THE MONTH.

...SEVERAL DATES WHEN RECORD LOW TEMPERATURES FOR NORTHERN ARIZONA OCCURRED...

APRIL 2:

CITY (PERIOD OF RECORD)	NEW LOW	PREVIOUS RECORD/YEAR
COTTONWOOD-TUZIGOOT (1977 - 2010)	29	31 IN 1995

APRIL 3:

CITY (PERIOD OF RECORD)	NEW LOW	PREVIOUS RECORD/YEAR
WUPATKI (1940 - 2010)	20	27 IN 1999

APRIL 23:

CITY (PERIOD OF RECORD)	NEW LOW	PREVIOUS RECORD/YEAR
BAGDAD (1930 - 2010)	29	30 IN 1970
WUPATKI (1940 - 2010)	30	30 (TIED) IN 1970

APRIL 24:

CITY (PERIOD OF RECORD)	NEW LOW	PREVIOUS RECORD/YEAR
BAGDAD (1930 - 2010)	30	33 IN 1960
COTTONWOOD-TUZIGOOT (1977 - 2010)	33	33 (TIED) IN 1980

APRIL 30:

CITY (PERIOD OF RECORD)	NEW LOW	PREVIOUS RECORD/YEAR
BAGDAD (1930 - 2010)	31	31 (TIED) IN 1967
COTTONWOOD-TUZIGOOT (1977 - 2010)	31	35 IN 1999
PETRIFIED FOREST (1931 - 2010)	22	22 (TIED) IN 1967
PHANTOM RANCH (1967 - 2010)	44	44 (TIED) IN 1999
SELIGMAN (1905 - 2010)	21	21 (TIED) IN 1970
WINSLOW (1893 - 2010)	23	24 IN 1975

ALTHOUGH APRILS 5.5" WAS 6.3" BELOW NORMAL...THIS WINTER HAS BEEN ONE OF THE SNOWIEST OF ALL TIME IN FLAGSTAFF. LISTED BELOW ARE THE TOP TEN SNOW SEASONS OF ALL TIME AND HOW 2009-2010 RANKS AMONG THEM THUS FAR...

RANK	INCHES	SEASON
1	210.0	1972-1973
2	177.1	1979-1980
3	167.0	1948-1949
4	167.7	1964-1965
5	158.9	1991-1992
6	150.4	1967-1968
7	149.7	1992-1993
8	145.5	1978-1979
9	144.2	2009-2010*
10	142.6	1982-1983

*SEASON ENDS JUNE 30TH

...SIGNIFICANT WEATHER...

THREE POWERFUL STORMS AFFECTED NORTHERN ARIZONA WITH VERY STRONG WINDS DURING APRIL. BLOWING DUST AFFECTED MANY AREAS IN NORTHEASTERN ARIZONA INCLUDING THE HOPI AND NAVAJO TRIBAL LANDS. IN ADDITION...LOW VISIBILITY CAUSED BY THE DUST CAUSED CLOSURES ALONG PORTIONS OF I-40 BETWEEN WINSLOW AND FLAGSTAFF DURING PERIODS OF THE HIGHEST WINDS CAUSED BY THESE STORMS.

...SELECTED WIND GUST REPORTS FROM THESE THREE STORMS...

LOCATION	APRIL 12	APRIL 21	APRIL 28
TWO GUNS	54 MPH	60 MPH	73 MPH
WINSLOW	55 MPH	60 MPH	69 MPH

HOUSE ROCK	51 MPH	39 MPH	64 MPH
DONEY PARK	57 MPH	61 MPH	61 MPH
TUBA CITY	47 MPH	64 MPH	60 MPH
FLAGSTAFF AIRPORT	51 MPH	47 MPH	55 MPH
GRAND CANYON	49 MPH	40 MPH	55 MPH
SHOW LOW AIRPORT	52 MPH	49 MPH	53 MPH
SAINT JOHNS	43 MPH	53 MPH	51 MPH
SEDONA AIRPORT	46 MPH	46 MPH	49 MPH
HOPI RAW'S	54 MPH	54 MPH	48 MPH
SUNSET POINT	35 MPH	30 MPH	45 MPH
PRESCOTT	36 MPH	37 MPH	43 MPH

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