

PUBLIC INFORMATION STATEMENT  
NATIONAL WEATHER SERVICE FLAGSTAFF AZ  
1120 AM MST TUE JAN 4 2010

**...MONTH IN REVIEW FOR NORTHERN ARIZONA FOR DECEMBER 2010...**

**...TEMPERATURE AND PRECIPITATION OVERVIEW...**

TEMPERATURES WERE WELL ABOVE NORMAL DURING THE MONTH OF DECEMBER ACROSS NORTHERN ARIZONA. THE WARM TEMPERATURES THAT BROKE MANY RECORD HIGH TEMPERATURES THE FIRST HALF OF THE MONTH...FOLLOWED BY BELOW NORMAL TEMPERATURES DURING THE FINAL WEEK OF THE MONTH ...RESULTED IN AN OVERALL WARMER THAN AVERAGE MONTH. PRECIPITATION WAS ALSO GENERALLY ABOVE NORMAL FOR THE MONTH. THE EXCEPTIONS WERE THOSE LOCATIONS WHERE DOWNSLOPING CONDITIONS PLACED THEM IN A PRECIPITATION SHADOW. SUCH LOCATIONS ARE DOWNWIND OF THE MOGOLLON RIM AND KAIBAB PLATEAU.

DECEMBER DATA AND DEPARTURES FROM \*NORMAL FOR SELECTED CITIES:

	MAX	DEP	MIN	DEP	PCPN	DEP
	TEMP	NORM	TEMP	NORM	TOTL	NORM
FLAGSTAFF	45.7	+2.0	23.4	+6.8	3.40	+1.57
BELLEMONT	44.6	+0.1	19.6	+6.4	3.86	+2.56
WINSLOW	54.3	+7.2	27.7	+6.7	0.94	+0.40
PRESCOTT AIRPORT	55.4	+3.8	30.5	+5.7	2.07	+1.23
SAINT JOHNS	54.5	+5.3	23.9	+6.2	0.32	-0.42
PAGE	49.3	+5.2	34.4	+7.8	0.42	-0.07
GRAND CANYON N. RIM	39.1	-0.5	22.5	+4.2	4.75	+1.94
ALPINE (WHITE MTNS)	53.5	+6.6	21.4	+8.1	1.01	-0.51
SELIGMAN	55.3	+2.8	28.5	+6.8	1.51	+0.57
PAYSON	55.1	+0.7	28.9	+4.3	3.17	+1.20
TEEC NOS POS (NE AZ)	53.0	+9.7	25.5	+4.5	1.06	+0.49

\*NORMALS USED ARE FROM THE 1971 TO 2001 30 YEAR MEAN EXCEPT FOR PRESCOTT AIRPORT (1948 TO 2001) AND BELLEMONT (1995 TO 2010)

THE ABOVE NORMAL TEMPERATURES IN DECEMBER WERE SOME OF THE WARMEST ON RECORD FOR THE MONTH.

...NORTHERN ARIZONA AVERAGE TEMPERATURES FOR DECEMBER AND THEIR RANKING AMONGST THE WARMEST ON RECORD...

**ALPINE	+7.4	1ST WARMEST
**TEEC NOS POS	+7.1	1ST WARMEST
WINSLOW	+6.9	3RD WARMEST
PRESCOTT AIRPORT	+4.2	5TH WARMEST
**PAYSON	+2.5	8TH WARMEST
SELIGMAN	+4.8	9TH WARMEST
FLAGSTAFF	+4.4	17TH WARMEST

**...SELECT RECORDS...**

A STRONG RIDGE OF HIGH PRESSURE DEVELOPED OVER THE REGION DURING THE SECOND WEEK OF DECEMBER RESULTING IN SEVERAL RECORD HIGHS BEING SET...

...RECORD HIGH TEMPERATURES FOR NORTHERN ARIZONA ON DEC 11 2010...

CITY (PERIOD OF RECORD)	NEW HIGH	PREVIOUS RECORD/YEAR
COTTONWOOD-TUZIGOOT (1977 - 2010)	71	71 (TIED) IN 1993
PAGE (1957 - 2010)	57	57 (TIED) IN 1958

...RECORD HIGH TEMPERATURES FOR NORTHERN ARIZONA ON DEC 12 2010...

CITY (PERIOD OF RECORD)	NEW HIGH	PREVIOUS RECORD/YEAR
COTTONWOOD-TUZIGOOT (1977 - 2010)	75	70 IN 1996

...RECORD HIGH TEMPERATURES FOR NORTHERN ARIZONA ON DEC 14 2010...

CITY (PERIOD OF RECORD)	NEW HIGH	PREVIOUS RECORD/YEAR
PETRIFIED FOREST (1931 - 2010)	69	66 IN 1996
WALNUT CANYON (1910 - 2010)	69	64 IN 2004
WINSLOW (1893 - 2010)	73	64 IN 1988

THE VERY COLD AIRMASS THAT ACCOMPANIED THE LATE DECEMBER WINTER STORM BROUGHT RECORD COLD TEMPERATURES TO NORTHERN ARIZONA. HIGH TEMPERATURES NEW YEARS EVE WERE COLDER THAN MANY RECORD LOW HIGH TEMPERATURES FOR THAT DATE...

...RECORD LOW HIGH TEMPERATURES FOR NORTHERN ARIZONA ON DEC 31 2010...

CITY (PERIOD OF RECORD)	NEW LOW HIGH	PREVIOUS RECORD/YEAR
COTTONWOOD-TUZIGOOT (1977 - 2010)	32	47 IN 1982
FLAGSTAFF (1898 - 2010)	17	18 IN 1918
FORT VALLEY (1909 - 2010)	13	20 IN 1918
GRAND CANYON NP N RIM (1925 - 2010)	8	11 IN 1936
PAYSON (1948 - 2010)	24	33 IN 1959
PRESCOTT (1898 - 2010)	22	31 IN 1982
WILLIAMS (1897 - 2010)	13	25 IN 1936

**...SIGNIFICANT WEATHER...**

A STRONG AND COLD PACIFIC STORM SYSTEM MOVED THROUGH ARIZONA WEDNESDAY AND THURSDAY DECEMBER 29TH AND 30TH...SPREADING PRECIPITATION ACROSS THE REGION. HEAVY SNOW AND STRONG WINDS PRODUCED HAZARDOUS CONDITIONS ACROSS MUCH OF NORTHERN ARIZONA. BELOW ARE THE STORM TOTAL SNOWFALL REPORTS RECEIVED IN INCHES.

FOREST LAKES	30.0
WILLIAMS	18 TO 30
PARKS	22 TO 24
MUNDS PARK	19.5
BELLEMONT	18.8
CLINTS WELL	18.0

FLAGSTAFF	6 TO 18
CROWN KING	17.0
PINETOP-LAKESIDE	16.5
KACHINA VILLAGE	16.0
PINE	16.0
24 E PAYSON/CHRISTOPHER CREEK	16.0
GRAND CANYON VILLAGE	16.0
2 N MCNARY	15.8
N FORT VALLEY	15.0
3 SE PINETOP-LAKESIDE	14.0
JACOB LAKE	12.0
PAYSON	6 TO 12
HEBER-OVERGAARD	12.0
PRESCOTT	8 TO 12
7 N SEDONA	11.0
CLAY SPRINGS	15.0
STAR VALLEY	9.0
SNOWFLAKE	7.0
10 S HOLBROOK	6.0
ASH FORK	5.5
WINDOW ROCK	5.0
1 N SEDONA	5.0
EAGAR	5.0
BAGDAD	4.5
KAYENTA	3.0
SPRINGERVILLE	3.0
PAULDEN	3.0
SELIGMAN	2.5
KEAMS CANYON	2.5
DEWEY-HUMBOLDT	2.5
CONCHO	2.5
CHINLE	2.0
ST. JOHNS	1.0
TUBA CITY	1.0

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PLEASE SEND QUESTIONS OR COMMENTS TO [W-FGZ.WEBMASTER@NOAA.GOV](mailto:W-FGZ.WEBMASTER@NOAA.GOV)