

# MONTH IN REVIEW FOR NORTHERN ARIZONA FOR FEBRUARY 2011

## ...TEMPERATURE AND PRECIPITATION OVERVIEW...

A SERIES OF COLD STORM SYSTEMS AFFECTED THE REGION DURING FEBRUARY...RESULTING IN GENERALLY BELOW NORMAL TEMPERATURES. A WET PERIOD DURING THE LAST 10 DAYS OF THE MONTH BROUGHT PRECIPITATION TOTALS NEAR OR SLIGHTLY ABOVE NORMAL FROM FLAGSTAFF WESTWARD...WITH NEAR OR SLIGHTLY BELOW NORMAL PRECIPITATION EAST OF FLAGSTAFF.

## FEBRUARY DATA AND DEPARTURES FROM NORMAL FOR SELECTED CITIES:

	MAX	DEP	MIN	DEP	PCPN	DEP
	TEMP	NORM	TEMP	NORM	TOTL	NORM
FLAGSTAFF	40.8	-4.8	14.8	-4.0	3.25	+0.69
BELLEMONT	39.8	-5.6	10.5	-5.1	2.26	+0.26
WINSLOW	52.0	-2.4	19.6	-5.9	0.47	-0.06
PRESCOTT AIRPORT	51.2	-5.4	23.2	-7.0	1.30	+0.30
SAINT JOHNS	50.4	-4.2	15.7	-6.1	0.17	-0.42
PAGE	48.9	-1.8	28.8	-2.0	0.39	-0.11
SELIGMAN	52.0	-3.2	22.0	-2.1	1.33	+0.35
MCNARY (WHITE MTNS)	43.2	-3.1	20.0	+0.3	1.69	-0.51
SHOW LOW AP	47.8	-2.8	21.8	-2.5	1.10	-0.11

## ...SELECT RECORDS...

AN EXTREMELY COLD ARCTIC AIR MASS MOVED INTO ARIZONA ON FEBRUARY 2ND. DAYTIME HIGH TEMPERATURES WERE AROUND 30 DEGREES BELOW AVERAGE...WITH MANY SITES SHATTERING DAILY RECORDS FOR COLDEST HIGH TEMPERATURES. FLAGSTAFF`S HIGH OF 12 WAS TIED FOR THE 7TH COLDEST DAYTIME HIGH OF ALL TIME...WITH PRESCOTT`S HIGH OF 22 TIED FOR THE 4TH COLDEST EVER RECORDED.

## ...RECORD LOW HIGH TEMPERATURES FOR NORTHERN ARIZONA ON FEB 02 2011...

CITY (PERIOD OF RECORD)	NEW LOW HIGH	PREVIOUS RECORD/YEAR
ALPINE (1905 - 2011)	20	22 IN 1956
FLAGSTAFF (1899 - 2011)	12	17 IN 1985
FORT VALLEY (1909 - 2011)	8	17 IN 1917
PAGE (1958 - 2011)	24	31 IN 1979
PETRIFIED FOREST (1931 - 2011)	16	25 IN 1956
PRESCOTT (1899 - 2011)	22	27 IN 1985
WILLIAMS (1898 - 2011)	12	18 IN 1985
WINSLOW (1893 - 2011)	20	22 IN 1962

## ...RECORD LOW TEMPERATURES FOR NORTHERN ARIZONA ON FEB 02 2011...

CITY (PERIOD OF RECORD)	NEW LOW	PREVIOUS RECORD/YEAR
PAGE (1958 - 2011)	13	14 IN 1985
PAYSON (1949 - 2011)	9	10 IN 1985
SPRINGERVILLE (1912 - 2011)	-16	-5 IN 1994

...RECORD LOW TEMPERATURES FOR NORTHERN ARIZONA ON FEB 04 2011...

CITY (PERIOD OF RECORD)	NEW LOW	PREVIOUS RECORD/YEAR
BAGDAD (1930 - 2011)	10	20 IN 2005
COTTONWOOD-TUZIGOOT (1977 - 2011)	14	23 IN 1979

A DAILY SNOWFALL RECORD OF 12.1 INCHES WAS SET AT FLAGSTAFF ON SATURDAY FEBRUARY 19TH...BREAKING THE OLD RECORD OF 11.8 INCHES.

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

A STRONG AND ENERGETIC PACIFIC STORM SYSTEM SWEEPED ACROSS ARIZONA ON FEB 19TH AND 20TH...SPREADING HEAVY RAIN AND MOUNTAIN SNOW ACROSS THE STATE. A WARM START TO THIS STORM ALLOWED MANY LOCATIONS TO PICK UP HEAVY RAINFALL ON THE 19TH BEFORE CHANGING OVER TO SNOW ON THE 20TH. SNOW WAS OBSERVED DOWN TO ELEVATIONS AROUND 4000 FEET WITH THE HEAVIEST ACCUMULATIONS REPORTED OVER THE WESTERN MOGOLLON RIM AND KAIBAB PLATEAU REGIONS. BELOW IS A SUMMARY OF PRECIPITATION AND SNOWFALL REPORTS RECEIVED BY THE NATIONAL WEATHER SERVICE OFFICE IN FLAGSTAFF.

BELOW IS A LIST OF STORM TOTAL SNOWFALL REPORTS:

ARIZONA SNOWBOWL.....	44.0
JACOB LAKE.....	24.0
FLAGSTAFF AIRPORT.....	17.9
BELLEMONT.....	15.3
WILLIAMS 4 MI S.....	14.8
MUNDS PARK.....	8 TO 13
WILLIAMS.....	13.0
KACHINA VILLAGE.....	13.0
PARKS.....	12.0
PRESCOTT 3 MI SSW.....	10.0
PAYSON 14 MI NE.....	9.0
GRAND CANYON SOUTH RIM.....	8.8
DONEY PARK.....	8.3
MENYARD 2 MI N.....	5.1
NAVAJO NATIONAL MONUMENT.....	5.1
PRESCOTT CITY.....	4.5
SELIGMAN.....	4.0
PINETOP.....	4.0
SANDERS.....	3.5
PINE.....	4.5
WINDOW ROCK.....	3 TO 4
GANADO.....	2.5
METEOR CRATER.....	2.0

BELOW IS A LIST OF STORM TOTAL RAIN AND/OR MELTED SNOW REPORTS:

FLAGSTAFF AIRPORT.....	2.68
KACHINA VILLAGE.....	2.47
SEDONA AIRPORT.....	2.15
WILLIAMS.....	2.12
PINE.....	1.84
PAYSON.....	1.82

FORT VALLEY.....1.81  
 BELLEMONT.....1.81  
 MUNDS PARK.....1.78  
 PRESCOTT AIRPORT.....0.92

ANOTHER STRONG AND COLD PACIFIC STORM SYSTEM BROUGHT SNOW TO EVEN  
 THE LOWER ELEVATIONS OF NORTHERN ARIZONA ON FEB 26TH AND 27TH.

BELOW IS A LIST OF SNOWFALL REPORTS RECEIVED BY THE NATIONAL WEATHER  
 SERVICE IN FLAGSTAFF:

...LOCATION.....STORM TOTAL  
                           IN INCHES

...APACHE COUNTY...

  2 N MCNARY.....6.1  
  CONCHO.....1.0

...COCONINO COUNTY...

  S CLINTS WELL.....12.0  
  S FOREST LAKES.....10.0  
  3 SSE WILLIAMS.....9.5  
  2 S WILLIAMS.....9.5  
  3 NNW FLAGSTAFF.....9.0  
  3 NE FLAGSTAFF.....8.0  
  FLAGSTAFF.....8.0  
  12 N PARKS.....7.0  
  1 W FLAGSTAFF.....7.0  
  4 E FLAGSTAFF.....6.0  
  KACHINA VILLAGE.....5.5  
  S BELLEMONT.....5.4  
  FREDONIA.....5.0  
  DONEY PARK.....3.0 TO 5.0

...GILA COUNTY...

  1 SSW YOUNG.....7.0  
  14 NE PAYSON.....5.0  
  6 NNE PAYSON.....3.5

...NAVAJO COUNTY...

  3 SE PINETOP-LAKESIDE...8.0  
  4 ESE PINETOP-LAKESIDE..4.0  
  6 WNW SHOW LOW.....3.5  
  HEBER-OVERGAARD.....3.2  
  SHOW LOW.....3.0  
  N CIBECUE.....2.0  
  7 WNW SHOW LOW.....2.0  
  3 WNW TAYLOR.....1.0  
  2 S WOODRUFF.....0.5

...YAVAPAI COUNTY...

  7 S PRESCOTT.....12.5  
  DEWEY-HUMBOLDT.....10.0  
  3 WNW PRESCOTT.....9.5  
  4 ENE PRESCOTT.....9.2  
  3 W PRESCOTT.....9.0  
  NNW PRESCOTT.....8.0

5 NW PRESCOTT.....8.0  
BAGDAD.....8.0  
2 NNE PRESCOTT.....7.5  
1 ESE PRESCOTT VALLE....7.2  
PRESCOTT.....7.0  
3 NW DEWEY-HUMBOLDT.....7.0  
2 NNW PRESCOTT.....7.0  
PRESCOTT VALLEY.....7.0  
3 W DEWEY-HUMBOLDT.....6.2  
9 W ASH FORK.....6.0  
4 W SELIGMAN.....5.5  
N CHINO VALLEY.....5.3  
2 S SEDONA.....5.0  
16 NNW PRESCOTT.....5.0  
1 W ASH FORK.....4.8  
5 SW ASH FORK.....4.0  
COTTONWOOD.....3.0  
RIMROCK.....3.0  
PAULDEN.....2.0  
8 NE CAMP VERDE.....2.0  
9 SW SEDONA.....1.0  
CORNVILLE.....1.0  
9 WSW SEDONA.....1.0  
4 WNW CORNVILLE.....1.0

---

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