

PUBLIC INFORMATION STATEMENT
 NATIONAL WEATHER SERVICE FLAGSTAFF AZ
 342 PM MST TUE MAR 2 2010

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

...TEMPERATURE AND PRECIPITATION OVERVIEW...

TEMPERATURES...ESPECIALLY MAXIMUM TEMPERATURES...WERE BELOW NORMAL ACROSS NORTHERN ARIZONA IN FEBRUARY. THIS DEPARTURE FROM NORMAL MAY HAVE BEEN ATTRIBUTED IN PART BY A SOUTHWARD DISPLACED SUBTROPICAL JET STREAM DURING MOST OF THE MONTH. SNOWFALL WAS ABOVE NORMAL FOR FEBRUARY ALTHOUGH PRECIPITATION WAS ABOUT NORMAL FOR THE MONTH. THE HIGHER SNOWFALL TOTALS WERE DUE TO A HIGHER THAN NORMAL AMOUNT OF PRECIPITATION FALLING IN THE FORM OF SNOW ...RATHER THAN RAIN.

FEBRUARY DATA AND DEPARTURES FROM NORMAL FOR SELECTED CITIES:

	MAX	DEP	MIN	DEP	PCPN	DEP
	TEMP	NORM	TEMP	NORM	TOTL	NORM
FLAGSTAFF	41.3	-3.1	18.8	+0.8	1.67	-0.34
BELLEMONT	40.2	-5.2	14.3	-1.3	3.25	-0.03
WINSLOW	51.3	-2.8	26.5	+1.7	0.48	+0.01
PRESCOTT	51.1	-3.4	26.6	+0.7	2.04	+1.33
SAINT JOHNS	49.3	-5.3	24.2	-1.7	0.39	-0.10
WINDOW ROCK	40.4	-6.4	13.9	-4.7	0.63	-0.05
PAGE	48.0	-2.8	32.6	+1.8	1.09	+0.60
SELIGMAN	53.2	-2.0	27.2	+3.1	1.59	+0.62
ALPINE	40.7	-6.3	14.3	-1.0	0.89	-0.35

	SNOWFALL (IN)	DEP NORM
ALPINE	16.0	+5.2
BELLEMONT	24.6	+5.4
FLAGSTAFF	28.5	+7.7
GRAND CANYON S RIM	19.0	+10.3
MUNDS PARK	34.0	+17.6
NAVAJO NM	21.5	+11.9
PRESCOTT	4.5	-0.2
SELIGMAN	0.5	-2.3
WALNUT CANYON	17.3	+6.3

...SELECT RECORDS...

THE DEEP SNOWPACK THAT COVERED MUCH OF THE MOGOLLON RIM AT THE BEGINNING OF FEBRUARY WAS WELL MAINTAINED BY ADDITIONAL ABOVE NORMAL SNOWFALL DURING FEBRUARY. THIS NEAR RECORD SNOWPACK RIVALS SOME OF THE MORE HISTORICAL SNOWPACK RECORDS FOR FLAGSTAFF...

...CONSECTUTIVE DAYS OF VARIOUS SNOW DEPTH RECORDS FOR FLAGSTAFF...

GREATER THAN 20"

RANK	#DAYS	END DATE
1	34	2/2/1937
2	32	1/14/1968
3	27	2/15/2010
4	18	2/11/1979
5	15	4/6/1973

GREATER THAN 10"

RANK	#DAYS	END DATE
1	94	2/28/1906
2	54	2/5/1968
3	49	2/14/1937
4	47	3/4/1979
5	42	2/28/2010*

GREATER THAN 5"

RANK	#DAYS	END DATE
1	95	2/28/1906
2	84	2/28/2010*
3	60	4/12/1973
4	58	3/4/2008
5	57	2/8/1968

GREATER THAN OR EQUAL TO 1"

RANK	#DAYS	END DATE
1	140	4/23/1973
2	95	2/28/1906
3	93	3/10/2008
4	83	2/28/2010*
5	80	3/10/1960

* RECORD STILL BEING SET

IN ORDER TO SET THE RECORDS FOR CONSECUTIVE DAYS FOR SNOW DEPTHS...THE SNOW PACK WOULD HAVE TO BE GREATER THAN THE ABOVE DEPTHS FOR THE FOLLOWING NUMBER OF DAYS AFTER FEBRUARY 28TH THIS YEAR...

GREATER THAN 10".....53 MORE DAYS
GREATER THAN 5".....12 MORE DAYS
GREATER THAN OR EQUAL TO 1"....57 MORE DAYS

...SIGNIFICANT WEATHER...

A PACIFIC STORM BROUGHT WIDESPREAD MOUNTAIN SNOW TO NORTHERN ARIZONA ON SATURDAY NIGHT (FEB 6TH) AND SUNDAY (FEB 7TH). THE HEAVIEST SNOW AND LARGEST SNOW ACCUMULATIONS WERE OBSERVED ACROSS THE WESTERN

MOGOLLON RIM ON SATURDAY NIGHT. OTHER MOUNTAIN LOCATIONS RECEIVED LIGHTER SNOW AMOUNTS. SCATTERED SHOWERS CONTINUED ON SUNDAY BUT LITTLE ACCUMULATION WAS OBSERVED.

SNOW REPORTS FROM THE FEBRUARY 6-7 WINTER STORM:

MORMON LAKE	14 INCHES.
FLAGSTAFF AIRPORT	12 INCHES.
MUNDS PARK	11 INCHES.
BELLEMONT	11 INCHES.
WILLIAMS	10-12 INCHES.
CLINTS WELL	7 INCHES.
NAVAJO N.M	6 INCHES.
SUNRISE MOUNTAIN	3 INCHES.
GRAND CANYON SOUTH RIM	5 INCHES.
EAGAR	3-4 INCHES.
WINDOW ROCK	1-3 INCHES.
DONEY PARK	1-5 INCHES.
HOTEVILLA	4 INCHES.
STRAWBERRY	3 INCHES.
PINON	3 INCHES.
MCNARY	3 INCHES.
CHRISTOPHER CREEK	3 INCHES.
WINONA	3 INCHES.
FOREST LAKES	2 INCHES.
HEBER	2 INCHES.
SHOW LOW	2 INCHES.
VALLE	2 INCHES.
CHINLE	1 INCH.
VERNON	1 INCH.
PRESCOTT	TRACE.
SEDONA	TRACE.

A COLD WINTER STORM MOVED ACROSS NORTHERN ARIZONA SUNDAY NIGHT (FEB 21ST) AND MONDAY (FEB 22ND). MODERATE TO HEAVY SNOWFALL ACCUMULATIONS FELL...MOSTLY OVER THE HIGHER TERRAIN.

ACCUMULATIONS FOR THE FEBRUARY 21ST THROUGH 22ND WINTER STORM INCLUDED:

JACOB LAKE	18 INCHES
FOREST LAKES	13 INCHES
KACHINA VILLAGE	11.5 INCHES
LUKACHUKAI	11 INCHES
FLAGSTAFF ARBORETUM	10.7 INCHES
GRAND CANYON S. RIM	10 INCHES
CLINTS WELL	9-10 INCHES
PARKS	9 INCHES
FLAGSTAFF AIRPORT	8.5 INCHES
FLAGSTAFF CITY AREA	5-9 INCHES

MUNDS PARK	6.0 INCHES
WINDOW ROCK	6.0 INCHES
WHITEGRASS (BLACK MESA)	5.5 INCHES
MOUNTAINAIRE	5.5 INCHES
OVERGAARD	8 INCHES
TUBA CITY	5 INCHES
10 MI S. IRON SPRINGS	5 INCHES
BELLEMONT	4.8 INCHES
12 MILES N. PARKS	4.0 INCHES
FREDONIA	4 INCHES
CHINLE	4 INCHES
MORMON LAKE	3.5 INCHES
MCNARY	3 INCHES
POLACCA	3 INCHES
EAST FLAGSTAFF	2-4 INCHES
CHINO VALLEY	2.5 INCHES
PINETOP LAKESIDE	2.4 INCHES
WILLIAMS	2 INCHES
PRESCOTT	1.5 INCHES
PINE	0.5 INCHES

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