

PUBLIC INFORMATION STATEMENT
NATIONAL WEATHER SERVICE FLAGSTAFF AZ
1258 PM MST THU APR 1 2010

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

...TEMPERATURE AND PRECIPITATION OVERVIEW...

TEMPERATURES WERE NEAR NORMAL TO BELOW NORMAL FOR MOST OF NORTHERN ARIZONA FOR THE MONTH OF MARCH. PRECIPITATION TOTALS WERE ALSO NEAR NORMAL TO BELOW NORMAL. THE MAIN REASON CONTRIBUTING TO THE BELOW NORMAL PRECIPITATION VALUES WAS A LACK OF STORM FREQUENCY... WITH ONLY ONE PERIOD OF UNSETTLED WEATHER OCCURRING DURING THE SECOND WEEK OF MARCH.

MARCH DATA AND DEPARTURES FROM NORMAL FOR SELECTED CITIES:

	MAX	DEP	MIN	DEP	PCPN	DEP
	TEMP	NORM	TEMP	NORM	TOTL	NORM
FLAGSTAFF	48.5	-1.6	21.8	-0.6	1.31	-0.77
BELLEMONT	46.9	-4.9	17.3	-2.2	1.64	+0.14
WINSLOW	62.2	+0.4	28.4	-1.7	0.31	-0.18
PRESCOTT	59.3	-0.6	30.6	+0.5	0.84	+0.08
SAINT JOHNS	59.5	-1.5	25.8	-1.3	0.29	-0.44
WINDOW ROCK	52.9	+0.2	22.7	-0.9	0.20	-0.68
PAGE	58.4	-1.6	37.5	+0.2	0.50	-0.11
COTTONWOOD	66.0	-2.6	37.0	-0.2	0.80	+0.01
MCNARY	47.8	-3.3	24.7	+1.3	2.14	-0.49
SELIGMAN	61.6	+0.2	27.6	+0.5	0.87	-0.10

	SNOWFALL (IN)	DEP NORM
BELLEMONT	17.0	+3.6
FLAGSTAFF	16.3	-6.9
MCNARY	17.5	-1.0
WALNUT CANYON	5.8	-5.9
WILLIAMS	15.0	+2.7
PRESCOTT	4.5	-0.3
BLUE RIDGE RS	21.3	+14.5
NAVAJO NM	4.5	-2.9
GRAND CANYON N RIM	18.4	-8.4

...SELECT RECORDS...

THE SNOWPACK IS FINALLY MELTING AWAY AS THE SUN ANGLE BECOMES HIGHER...THE TEMPERATURES WARM...AND THE DAYS BECOME LONGER. FLAGSTAFF`S CONSECUTIVE DAYS WITH MEASURABLE SNOW DEPTH FINALLY CAME TO AN END MARCH 26TH...BUT NOT BEFORE SETTING THE RECORD FOR ONE OF THE MOST ENDURING SNOWPACKS ON RECORD.

...CONSECUTIVE 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	58	3/17/2010
3	54	2/5/1968
4	49	2/14/1937
5	47	3/4/1979

GREATER THAN 5"

RANK	#DAYS	END DATE
1	103	3/20/2010
2	95	2/28/1906
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	108	3/25/2010
3	95	2/28/1906
4	93	3/10/2008
5	80	3/10/1960

THE 141.4" OF SNOWFALL THAT FLAGSTAFF HAS RECEIVED THIS SEASON TO DATE RANKS 10TH HIGHEST ALL TIME.

...SIGNIFICANT WEATHER...

BACK TO BACK WINTER STORMS OCCURRED DURING THE SECOND WEEK OF MARCH BRINGING ACCUMULATING SNOW IN THE HIGHER ELEVATIONS OF NORTHERN ARIZONA...

A SLOW-MOVING STORM SYSTEM BROUGHT AREAS OF RAIN AND SNOW TO ARIZONA STARTING SATURDAY MARCH 6TH IN THE AFTERNOON AND ENDING MONDAY MORNING. THIS WAS A COMPLICATED STORM THAT WAS BROKEN DOWN INTO THREE PHASES. THE FIRST WAS A WARM FRONT OVERNIGHT SATURDAY NIGHT...THE SECOND WAS A FRONTAL PASSAGE THAT AFFECTED CENTRAL ARIZONA SUNDAY AFTERNOON... AND THE THIRD PHASE WAS INSTABILITY SHOWERS SUNDAY NIGHT. THE MOST PRECIPITATION OCCURRED WITH THE FIRST PHASE...BUT SNOW LEVELS WERE FAIRLY HIGH. PRECIPITATION ALONG THE FRONTAL BAND SUNDAY AFTERNOON LOWERED SNOW LEVELS TO NEAR 5500 FEET FROM FLAGSTAFF WESTWARD...

TOTAL SNOWFALL REPORTS AS OF 11 AM MST MONDAY MARCH 8TH INCLUDED:

(SNOWFALL DOES NOT NECESSARILY REPRESENT CURRENT TOTAL SNOW ACCUMULATION...AS SIGNIFICANT MELTING OCCURRED IN MANY AREAS DURING THE DAY ON SUNDAY)

8.0 INCHES.....NORTH RIM OF THE GRAND CANYON
7.9 INCHES.....BELLEMONT
7.3 INCHES.....FLAGSTAFF AIRPORT
7.2 INCHES.....MUNDS PARK
7.0 INCHES.....FOREST LAKES
6.1 INCHES.....MCNARY (WHITE MOUNTAINS)
6.0 INCHES.....DAVENPORT LAKE (NEAR WILLIAMS)
6.0 INCHES.....PARKS
5.8 INCHES.....KACHINA VILLAGE
5.7 INCHES.....PINETOP
5.5 INCHES.....MOUNTAINAIRE
4.8 INCHES.....SOUTH RIM OF THE GRAND CANYON
4.5 INCHES.....PINE
4.0 INCHES.....BLUE RIDGE*
3.0 INCHES.....PAYSON
3.0 INCHES.....12 MILES NORTH OF PARKS
2.0 INCHES.....HEBER-OVERGAARD
1.8 INCHES.....VERDE GLEN (14 MI NORTH OF PAYSON)
0.8 INCHES.....PRESCOTT
0.5 INCHES.....SUNSET CRATER
TRACE.....CONCHO

...ANOTHER ROUND OF SNOW WAS OBSERVED ACROSS THE NORTHLAND ON TUESDAY MAR 9TH...

A VIGOROUS STORM MOVED ACROSS NORTHERN ARIZONA THAT TUESDAY SPREADING ACCUMULATING SNOW AT ELEVATIONS ABOVE 5000 FEET.

TOTAL SNOWFALL REPORTS AS OF 530 PM MST TUESDAY AFTERNOON MARCH 9TH INCLUDED:

MUNDS PARK 7.3 INCHES.
FLAGSTAFF 4.0-6.0 INCHES.
WILLIAMS 5.0-6.0 INCHES.
JACOB LAKE 6.0 INCHES.
FOREST LAKES 5.0 INCHES.
WALKER 4.5 INCHES.
VALLE 3.0 INCHES.
PINETOP 3.0 INCHES.
STRAWBERRY 2.0-3.0 INCHES.
GRAND CANYON 2.0-3.0 INCHES.
OVERGAARD 2.5 INCHES.
PRESCOTT 2.0 INCHES.
DONEY PARK 2.0 INCHES.
HEBER 1.3 INCHES.
NAVAJO N.M. 1.0 INCH.
METEOR CRATER 1.0 INCHES.
CONCHO 0.5 INCH.
CHINO VALLEY T.
HOLBROOK T.

SNOWFLAKE T.
PAGE T.

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