

**MONTH IN REVIEW FOR NORTHERN ARIZONA FOR FEBRUARY 2013**

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

February temperatures were significantly below normal due to two cold storm systems followed by dry but cold northwest flow to close out the month. Precipitation was also well below normal for most locations, though some higher terrain areas of northeast Yavapai County and the Mogollon Rim were near normal.

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

	MAX TEMP	DEP NORM	MIN TEMP	DEP NORM	PCPN TOTL	DEP NORM	PCPN %NORM
Flagstaff	41.0	-3.8	14.7	-4.6	0.86	-1.30	40%
Winslow	MM		MM		0.41	-0.05	89%
Prescott AP	52.2	-2.7	24.4	-3.9	0.22	-1.17	16%
Prescott WTP	50.5	-4.1	21.4	-5.0	0.38	-1.41	21%
St Johns	48.5	-5.9	19.3	-4.3	0.29	-0.23	56%
Grand Canyon AP	43.4	-2.6	11.1	-5.3	MM		
Bellefont	40.4	-5.0	8.7	-6.9	0.76	-1.72	31%
Show Low AP	45.3	-6.2	20.1	-6.1	0.96	-0.12	89%
Saint Johns	48.5	-5.9	19.3	-4.3	0.29	-0.23	56%
Seligman	54.2	-2.3	20.6	-4.8	0.27	-0.87	24%

**Here are some other precipitation totals from our Co-operative observers around northern Arizona.**

<u>LOCATION</u>	<u>FEBRUARY PRECIP</u>
ALPINE RANGER STATION	0.98
BAGDAD	0.29
BELLEMONT NWS OFFICE	0.76
BLUE RIDGE RANGER STATION	1.49
CAMP VERDE 3N	0.76
CANYON DE CHELLY	0.17
FLAGSTAFF 4SW (ARBORETUM)	0.68
FORT VALLEY	0.72
FREDONIA 7SSE	0.19
GANADO	0.39
HEBER (BLACK MESA) R.S.	0.79
JEROME	2.60
LEES FERRY	0.02
MCNARY 2 N	1.35
NATURAL BRIDGE	1.77

OAK CREEK	1.89
PAGE (ASOS)	0.12
PAINTED DESERT	0.24
PAYSON	1.24
PETRIFIED FOREST NATL PARK	0.21
PHANTOM RANCH	0.09
PINETOP 2E	1.38
PRESCOTT CITY	0.38
SELIGMAN	0.27
SNOWFLAKE	0.52
SUNSET CRATER NATL MON	0.45
TSAILE	0.89
WALNUT CANYON NATL MON	0.38
WHITERIVER 1 SW	0.81
WILLIAMS	1.36
WILLIAMS 35NNW	0.37
WINDOW ROCK (ASOS)	0.15
WUPATKI N.M.	0.08

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

**February 8-11 Cold storm system brings strong wind followed by snow and frigid temperatures.** A cold Pacific storm system approached northern Arizona on the 8<sup>th</sup> bringing gusty southwest winds. Some peak gusts reported include:

GRAND CANYON AIRPORT .....	53 MPH
SAINT JOHNS .....	53 MPH
FLAGSTAFF .....	51 MPH
SHOW LOW .....	46 MPH
DONEY PARK .....	44 MPH
PRESCOTT .....	44 MPH
WINDOW ROCK .....	44 MPH
SEDONA .....	43 MPH
WILLIAMS .....	43 MPH
PAGE .....	41 MPH

Snow spread west to east across the region early on the 9<sup>th</sup> and periods of snow continued through the 11<sup>th</sup>. Particularly heavy snow fell in the upslope regions of the Mogollon Rim just north and east of Payson. Here are some storm total snowfall amounts from around the region:

**...APACHE COUNTY...**

VERNON	10.0
2 N MCNARY	8.1
PETRIFIED FOREST	1.5

**...COCONINO COUNTY...**

HAPPY JACK RANGER STN	24.0
FOREST LAKES	15.0
WILLIAMS	14.0
FLAGSTAFF AIRPORT	13.3
JACOB LAKE	13.0
CLINTS WELL	10.0
BELLEMONT (NWS OFFICE)	9.2
GRAND CANYON VIS CENTER	6.0
WALNUT CANYON NATL MON	5.2
GRAND CANYON E ENTRANCE	4.9
WUPATKI NATIONAL MONUMENT	T
PHANTOM RANCH	T

**...GILA COUNTY...**

WHISPERING PINES	20.0
TONTO VILLAGE	16.0
PINE	10.0
TONTO NATURAL BRIDGE	9.2
PAYSON	7.9
5E RYE	1.0

**...NAVAJO COUNTY...**

2ESE LINDEN	16.0
PINETOP-LAKESIDE	11.8
SHOW LOW	10.5
HEBER-OVERGAARD	8.8
SHOW LOW AIRPORT	7.4
WINSLOW	4.5
SNOWFLAKE	2.0

**...YAVAPAI COUNTY...**

UPPER OAK CREEK CANYON	11.0
JEROME	3.7
SELIGMAN	2.0
PRESCOTT (COOP)	2.0
COTTONWOOD	0.5-1.0
PRESCOTT VALLEY	0.5
BAGDAD	0.2

## February 20-24 Series of cold storm systems brought

moderate snow to much of the region. A storm system moved into Arizona from the northwest on the 20<sup>th</sup> bringing moderate snowfall. Several additional disturbances crossed the region through the 24<sup>th</sup> with cold and occasionally snowy conditions persisting. Here are some snowfall amounts from the first round of snow on the 20<sup>th</sup> and 21<sup>st</sup>:

### ...APACHE COUNTY...

SUNRISE SKI PARK	16.0
ALPINE	6.5
MCNARY	6.0

### ...COCONINO COUNTY...

ARIZONA SNOWBOWL	8-15
FOREST LAKES	12.0
BLUE RIDGE	9.0
MUNDS PARK	8.0
MOUNTAINEIRE	6.5
BELLEMONT	3.8
FLAGSTAFF AIRPORT	5.5
DONEY PARK	2-3
WILLIAMS	3-4
SOUTH WILLIAMS	4.9
GRAND CANYON AIRPORT	3.0
JACOB LAKE	5.0

### ...GILA COUNTY...

STRAWBERRY	8-10
PAYSON	5-9
TONTO VILLAGE	8.5
PINE	8.5
9 NNE PAYSON	8.0

### ...NAVAJO COUNTY...

SHOW LOW	3-5
4 SE PINETOP-LAKESID	3.0
HEBER-OVERGAARD	3-4
WINSLOW	3.0

### ...YAVAPAI COUNTY...

RIMROCK	6.0
SEDONA	2.0
PRESCOTT	1-2
COTTONWOOD	1.0
SELIGMAN	T

Very cold high temperatures affected the area on the 20<sup>th</sup>. Prescott Airport and the co-op station at the Sundog water treatment plant both set new records for the coldest highs for the date. The airport

only reached 34 for the high, with the co-op station coming in with 31 degrees.

The final round of snow came late on the 23<sup>rd</sup> and continued through midday on the 24<sup>th</sup>:

**...APACHE COUNTY...**

SUNRISE SKI PARK	5.0
SPRINGERVILLE	4.0
CONCHO	4.0
2 N MCNARY	1.7
ST. JOHNS	1.0

**...COCONINO COUNTY...**

ARIZONA SNOWBOWL	2.0
JACOB LAKE	1.0
FLAGSTAFF AIRPORT	0.5
BELLEMONT	0.4

**...GILA COUNTY...**

PAYSON	1.0
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**...NAVAJO COUNTY...**

SHOW LOW	5.0
CIBECUE	4.0
SNOWFLAKE	3.0
HEBER-OVERGAARD	3.0
PINETOP-LAKESIDE	2.0
TAYLOR	2.0

**...YAVAPAI COUNTY...**

PRESCOTT CITY	2.9
WEST PRESCOTT	2.4
5 N PRESCOTT	2.0
WILHOIT	1.0

**PLEASE SEND QUESTIONS OR COMMENTS TO  
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