

MONTH IN REVIEW FOR NORTHERN ARIZONA FOR FEBRUARY 2012

...TEMPERATURE AND PRECIPITATION OVERVIEW...

A ridge of high pressure was located off the West Coast during the month of February, allowing occasional low pressure systems to dive into northern Arizona from the northwest. Storms following this path into the region usually produce only light precipitation amounts, and this month was no exception. Precipitation totals for the month were less than half of normal for most locations, with some areas receiving less than 20 percent of normal. Temperatures were near normal for the month overall, though there was some tendency toward cold nights due to the dry air mass.

FEBRUARY DATA AND DEPARTURES FROM NORMAL FOR SELECTED CITIES:

	MAX	DEP	MIN	DEP	PCPN	DEP	PCPN
	TEMP	NORM	TEMP	NORM	TOTL	NORM	%NORM
FLAGSTAFF	44.7	-0.1	19.1	-0.2	0.99	-1.17	46%
BELLEMONT	43.4	-2.0	15.1	-0.5	0.83	-1.65	33%
COTTONWOOD	63.8	+0.5	31.7	-1.7	0.21	-0.90	19%
GRAND CANYON	45.5	-0.5	16.7	+0.3	0.71	-0.48	60%
WINSLOW	55.6	-0.2	22.1	-2.7	0.13	-0.33	28%
PRESCOTT AP	55.8	+0.9	26.9	-1.4	0.37	-1.02	27%
PRESCOTT WTP	55.1	+0.5	23.9	-2.5	0.26	-1.53	15%
SELIGMAN	57.5	+1.0	22.6	-2.8	0.29	-0.85	25%
SHOW LOW AP	51.6	+0.1	25.7	-0.5	0.43	-0.65	40%

The following are rankings of February's precipitation compared to the historical record for selected locations.

LOCATION	MONTHLY PRECIP RANKING
Bagdad	12 th Driest
Winslow	18 th Driest
Wupatki	18 TH Driest
Prescott Airport	19 th Driest
Flagstaff	29 th Driest
Navajo National Monument	29 th Driest
Seligman	30 th Driest

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

<u>LOCATION</u>	<u>FEBRUARY PRECIP</u>
ALPINE R.S.	0.30
BAGDAD	0.22
BETATAKIN	0.67
BLUE RIDGE R.S.	0.78
BRIGHT ANGEL R.S.	2.62
CANYON DE CHELLY	0.23
CASTLE HOT SPRINGS	0.10
CHINO VALLEY	0.18
CORDES	0.22
FLAGSTAFF 4SW (ARBORETUM)	1.25
FORT VALLEY	0.99
GRAND CANYON EAST ENTRANCE	0.30
GRAND CANYON SOUTH RIM	1.11
GRAND CANYON VISITOR CENTER	0.65
HEBER (BLACK MESA) R.S.	0.62
JEROME	0.59
MCNARY 2 N	1.12
METEOR CRATER	0.11
MONTEZUMA CASTLE N.M.	0.08
NATURAL BRIDGE	0.21
OAK CREEK	1.21
PAGE	0.14
PAINTED DESERT N.P.	0.29
PETRIFIED FOREST N.P.	1.87
PHANTOM RANCH	0.57
PINETOP 2E	1.54
PLEASANT VALLEY R.S.	0.30
PRESCOTT (CO-OP)	0.26
SAINT MICHAELS	0.28
SNOWFLAKE	0.18
SPRINGERVILLE	0.06
SUNRISE MOUNTAIN	0.96
SUNSET CRATER N.M.	0.69
TEEC NOS POS	1.10
TUZIGOOT N.M.	0.21
WALNUT CANYON N.M.	0.87
WALNUT GROVE	0.11
WILLIAMS	0.80
WUPATKI	0.11

...SIGNIFICANT WEATHER...

February 2nd-3rd Snow

A storm system moved into northern Arizona on Thursday, February 2nd, bringing snow showers to northeast Arizona through much of the day. Snow showers gradually developed southward to the Mogollon Rim by late in the afternoon and continued into the early morning hours of Friday, February 3rd.

*****STORM TOTAL SNOWFALL*****

LOCATION	STORM TOTAL SNOWFALL /INCHES/
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...APACHE COUNTY...

LUKACHUKAI	6.0
DENNEHOTSO	3.0
MANY FARMS	1.0
GANADO	1.0
CONCHO	1.0
CANYON DE CHELLY	0.8
CHINLE	0.2
WINDOW ROCK	T

...COCONINO COUNTY...

ARIZONA SNOWBOWL	7.0
FLAGSTAFF AIRPORT	2.0
WILLIAMS	2.0
MOUNTAINAIRE	1.8
BELLEMONT	1.3
DONEY PARK	1.0
KACHINA VILLAGE	1.0
MUNDS PARK	1.0
GRAND CANYON N RIM	1.0
9 NNE FLAGSTAFF	1.0

...NAVAJO COUNTY...

KAYENTA	3.0
1 S SHOW LOW	2.0

February 13th-15th Snow

A storm system entered far northwest Arizona late on February 13th, then moved across the region through the morning of the 15th. This was a cold storm, with snow reported down below 5000 feet elevation.

*****STORM TOTAL SNOWFALL*****

LOCATION	STORM TOTAL SNOWFALL /INCHES/
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...APACHE COUNTY...

2 N MCNARY	5.1
SUNRISE SKI	5.0
CONCHO	5.7
PETRIFIED FOREST	4.3

...COCONINO COUNTY...

FLAGSTAFF AIRPORT	6.1
FOREST LAKES	6.0
KACHINA VILLAGE	4.1
MUNDS PARK	6.2
2 N PARKS	3.0
4 S WILLIAMS	1.9
BELLEMONT	1.5

...GILA COUNTY...

PINE	1.0
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...NAVAJO COUNTY...

SHOW LOW	8.5
HEBER-OVERGAARD	4.0
4 NE LINDEN	3.0
PINETOP-LAKESIDE	3.0
WINSLOW	0.9

February 27th-28th Strong Winds Followed by Snow

A potent storm system approached northern Arizona on Monday, February 27th bringing strong and gusty winds. Late on the 27th and into the morning of the 28th, snow fell over much of the high country. The most significant accumulations were from the Kaibab Plateau to the western Mogollon Rim. Light accumulations fell below 5000 feet elevation.

...WIND GUSTS ON FEBRUARY 27TH...

LINDEN	61 MPH.
FLAGSTAFF AIRPORT	55 MPH.

MOGOLLON AIRPARK - NEAR HEBER.... 55 MPH.
 SHOW LOW 54 MPH.
 WINSLOW 52 MPH.
 DONEY PARK 52 MPH.
 GRAND CANYON 48 MPH.
 WINDOW ROCK 46 MPH.
 WILLIAMS 46 MPH.
 ST. JOHNS 45 MPH.
 PRESCOTT 43 MPH.

...SNOWFALL TOTALS FEBRUARY 27TH-28TH...

LOCATION	STORM TOTAL SNOWFALL /INCHES/
...APACHE COUNTY...	
2 N MCNARY	2.0
WINDOW ROCK	1.0
...COCONINO COUNTY...	
1 N JACOB LAKE	12.0
JACOB LAKE	8.0
ARIZONA SNOWBOWL	6.0
FLAGSTAFF AIRPORT	5.2
PARKS	5.0
BELLEMONT	4.6
GRAND CANYON VILLAGE	3.5
4 S WILLIAMS	3.0
KACHINA VILLAGE	3.0
DONEY PARK	3.0
...NAVAJO COUNTY...	
KAYENTA	1.0
HEBER-OVERGAARD	1.0
...YAVAPAI COUNTY...	
5 W PRESCOTT	2.0
5 WNW PRESCOTT	2.0
PRESCOTT	1.0
4 N PRESCOTT	1.0
PRESCOTT VALLEY	1.0