#### MONTH IN REVIEW FOR NORTHERN ARIZONA FOR JANUARY 2015

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

January was significantly warmer than normal across northern Arizona, with both high and low temperatures 2 to 6 degrees above normal in most places. Precipitation was near and above the 30-year average for most locations, with a few areas totaling less than normal. Much of the precipitation came in the form of rain even at some of the higher elevation areas, including a widespread rain event that spanned the last few days of the month.

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

Location	Avg Max T	Dept. from Norm	Avg Min T	Dept. from Norm	Precip	Dept. from Norm	% Norm
Flagstaff	46.9	4.4	21.0	3.7	2.19	0.14	107%
Winslow	50.1	0.6	24.4	3.6	1.63	1.11	313%
Prescott Airport	55.6	3.9	28.2	2.4	1.50	0.38	134%
Prescott Water Plant	53.7	1.7	25.6	1.8	2.15	0.56	135%
St Johns Airport	49.5	-0.4	23.1	2.0	1.41	0.64	183%
<b>Grand Canyon Airport</b>	47.8	4.9	19.0	6.6	0.85	-0.91	48%
Bellemont	47.9	4.4	17.2	3.9	1.70	-0.34	83%
Show Low Airport	48.3	1.2	25.1	2.0	1.78	0.61	152%
Cottonwood	61.2	1.6	32.3	2.2	1.84	0.68	159%
Seligman	55.7	2.7	26.5	3.1	1.68	0.56	150%
Page Airport	43.5	-0.4	31.6	1.1	1.07	0.00	100%
Window Rock Airport	48.7	5.2	20.5	5.8	1.77	0.82	186%

Here are some additional monthly precipitation totals from our Co-operative weather observers.

## LOCATION JANUARY PRECIPITATION (INCHES)

Bellemont NWS Office	1.70
Mcnary 2 N	2.60
Fort Defiance	1.55
Petrified Forest NP	1.61

<sup>\*</sup>Additional monthly precipitation totals will be added as they are received.

### ...SIGNIFICANT WEATHER...

## Dec 31<sup>st</sup> - Jan 1<sup>st</sup> Major Snowstorm:

A strong and unusually cold storm system moved across northern and central Arizona from the early morning hours on New Year's Eve through New Year's Day. This storm brought heavy snow accumulations to the high country, with significant snow even at some lower elevation areas that rarely experience such conditions. The storm had a major impact on travel during a very busy holiday period. Portions of Interstate highways 17 and 40 were closed at times due to traffic accidents caused by slick roads. The interstate 40 closure in western Arizona was a lengthy one with many people stranded. Closures were also reported on U.S. Highway 93, and Highway 87 south of Payson.

Here are the storm total snowfall amounts from this storm:

LOCATION	STORM TOTAL SNOWFALI
Apache County  McNary  5 NW Vernon  Alpine  St. Johns  Concho  Window Rock  Tsaile	7.7 6.0 5.0 4.0 4.0 3.0 2.4
Mountainaire Mormon Lake Flagstaff Airpo Kachina Village Oak Creek Canyo Williams Forest Lakes Doney Park Bellemont Parks Grand Canyon S Page Bright Angel R Phantom Ranch	20.0 18.0 17.3 e 16.0 on 14.5 14.0 14.0 14.0 12.2 12.0 Rim 7.0 4-6
Gila County 9 NE Payson Pine Tonto Village Payson	15.0 14.5 13.5 12.0

Navajo County	
4 ESE Pinetop	10.0
Linden	9.5
Show Low	9.0
Heber-Overgaard	8.0
_	
Kayenta	6.0
3 W Snowflake	4.0
13 E Snowflake	3.5
Winslow	3.0
Yavapai County	
10 S Ash Fork	12.0
Jerome	11.0
Sedona	9.8
1 SW Cottonwood	7.0
	7.0
2 E Rimrock	
,	7.0
Cottonwood	5.0
Camp Verde	5.0
Prescott (Sundog)	4.0
Chino Valley	4.0
Cornville	3.5
1 S Prescott Valley	3.0
Yarnell	3.0
10T11CTT	5.0

# Jan. 13<sup>th</sup> & 14<sup>th</sup> Light to Moderate Snow:

LOCATION STORM TOTAL SNOWFALL /INCHES/

Apache County Springerville 2 N Mcnary Concho	4.0 3.0 0.5
Coconino County Arizona Snowbowl Sunset Crater N.M. Flagstaff Bellemont Walnut Canyon N.M. Forest Lakes Williams Kachina Village 1 N Jacob Lake	8.0 7.0 6.4 5.1 4.6 4.4 3.0 2.2 2.0
Navajo County Heber-Overgaard	3.0

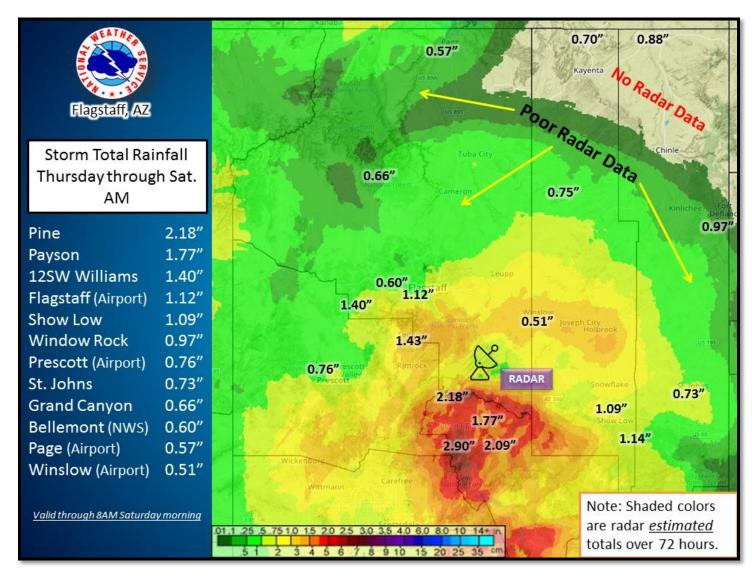
Show Low Airport	3.0
Navajo N.M.	2.5
Pinetop-Lakeside	2.4
2 W Taylor	1.2
Snowflake	1.0
Shumway	0.5
Varranai Cauntii	

...Yavapai County...

Prescott Trace To 1.0

## Jan. 29<sup>th</sup> - 31<sup>st</sup> Widespread Rain, Very High Elevation Snow:

A very moist, subtropical air mass moved into the southwest bringing widespread rainfall to much of the region for the last few days of January. This relatively warm storm system resulted in mostly rain with some accumulating snow over only the highest mountain tops and portions of northeastern Arizona. Below is a graphic depicting storm total rainfall amounts, followed by a couple of snow reports that were received.



## Snow Reports (Jan. 29<sup>th</sup> – 31<sup>st</sup> event):

Grand Canyon N. Rim 6.0" Window Rock 4-5"

### **Record High Temperatures:**

### Jan. 25<sup>th</sup>:

CITY (PERIOD OF RECORD)

PRESCOTT AIRPORT (1948 - 2015)

NEW HIGH

PREVIOUS RECORD/YEAR

68 (TIED) IN 1975