

## MONTH IN REVIEW FOR NORTHERN ARIZONA FOR JANUARY 2016

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

January temperatures were near normal for northern Arizona. Precipitation amounts were highly variable across the region, with areas along and south of the Mogollon Rim receiving the most rain and snow. Most of the month's precipitation came during a series of wet Pacific disturbances from January 4<sup>th</sup> through 8<sup>th</sup>. Some mountain areas received heavy snowfall during the month, including Flagstaff with 36.4" – the 16<sup>th</sup> snowiest January since 1899. Another cold storm system started to affect the area on the 31<sup>st</sup>, with some areas receiving rain, snow and even thunderstorms.

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

	Max T		Min T		Precip		% Normal
	Avg	Dep	Avg	Dep		Dep	
<b>Flagstaff</b>	41.3	-1.2	15.4	-1.9	3.41"	+1.36"	166%
<b>Winslow</b>	50.5	+1.0	20.4	-0.4	0.35"	-0.17"	67%
<b>Prescott AP</b>	53.1	+1.4	26.3	+0.5	1.39"	+0.27"	124%
<b>Prescott WTP</b>	51.6	-0.4	23.9	+0.1	1.89"	+0.30"	119%
<b>St Johns AP</b>	49.1	-0.8	19.2	-1.9	0.25"	-0.52"	32%
<b>Grand Canyon AP</b>	42.8	-0.1	14.5	+2.1	1.38"	-0.38"	78%
<b>Bellemont</b>	40.9	-2.6	9.1	-4.2	2.47"	+0.43"	121%
<b>Show Low AP</b>	44.1	-3.0	23.8	+0.7	1.40"	+0.23"	120%
<b>Page Airport</b>	44.7	+0.8	29.0	-1.5	0.65"	-0.42"	61%
<b>Seligman</b>	52.8	-0.2	23.7	+0.3	0.82"	-0.30"	73%
<b>Window Rock Airport</b>	44.0	+0.5	15.7	+1.0	0.63"	-0.32"	66%

Location	January Snowfall
Sunrise Mountain	44.0"
Flagstaff Airport	36.4"
Grand Cyn North Rim	33.3"
Bellemont	30.3"
Pinetop	21.8"
Walnut Cyn Natl Mon	20.3"
Grand Cyn Visitors Center	19.0"
Blue Ridge Ranger Stn	17.0"
Williams	17.0"



Navajo Natl Monument	1.19
Blue Ridge Ranger Station	1.20
Bright Angel Ranger Station	4.26
Castle Hot Springs	2.70
Flagstaff Airport	3.41
Grand Canyon Airport	1.38
Grand Canyon Visitor Center	1.36
Heber	0.68
Jerome	2.29
McNary	1.28
Page	0.65
Payson	3.81
Phantom Ranch	0.92
Prescott Airport	1.39
Prescott City	1.89
Saint Johns	0.25
Seligman	0.82
Show Low Airport	1.40
Snowflake	0.45
Walnut Canyon N.M.	1.23
Williams	1.76
Window Rock	0.63
Winslow Airport	0.35
Wupatki	0.19

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

#### **January 4<sup>th</sup> – 8<sup>th</sup> Winter Storm:**

A persistent trough over the west coast brought copious amounts of Pacific moisture to northern Arizona from January 4<sup>th</sup> through the 8<sup>th</sup>. Numerous disturbances affected the region bringing periods of snow and lower elevation rain over a 5-day period. Snowfall made travel difficult at times and resulted in school cancellations around the region. Below is a list of snowfall totals recorded during the event

#### **...Apache County...**

Alpine	24.0
Steamboat Canyon	12.0
Greer	11.0
Window Rock	8.0
Ganado	5.0

Lukachukai	2.0
Chinle	1.0
Springerville	T
...Coconino County...	
Forest Lakes	36.5
Mormon Lake	35.0
Flagstaff Airport	30.9
3 SSE Williams	27.2
Munds Park	27.0
Flagstaff (Univ Hgts)	25.9
Kachina Village	25.0
Bellefont NWS	24.4
Grand Canyon Village	17.5
Doney Park	12.0
Sunset Crater	6.7
Cedar Ridge	3.5
Tuba City	3.0
...Gila County...	
11 NNE Payson	25.0
Tonto Village	22.0
Payson	15.0
Young	7.0
...Navajo County...	
4 ESE Pinetop	19.4
Show Low	13.0
Pinetop-Lakeside	12.2
Keams Canyon	8.0
Kayenta	6.0
Dilkon	6.0
Kykotsmovi Village	4.0
Whiteriver	3.0
Winslow	1.0
Shumway	1.0
...Yavapai County...	
Walker	22.0
8 NW Prescott	16.0
2 S Prescott	8.0
1 SW Prescott	4.0
2 NNW Prescott	2.0
Prescott	2.0
Sedona	1.5

**Post-Storm Photos**



**Forest Lakes** – Photo: Robert Mckeever



**Munds Park** – Photo: Caroline Haldeman





**National Weather Service Office – Bellemont Arizona**

**January 15<sup>th</sup> Snowfall:**

A weak storm system brought light to moderate snow to the region on January 15<sup>th</sup>.

...Apache County...	
Concho	3.0
2 N McNary	1.0
...Coconino County...	
Fort Valley	4.0
Parks	4.0
Kachina Village	4.0
NWS Office Bellemont	3.3
Munds Park	3.0
Flagstaff Airport	3.0
4 SW Flagstaff	3.0 (Forest Highlands)
Williams	2.0

2 SSW Flagstaff	2.0	(Fort Tuthill)
Oak Creek Canyon	1.2	
2 SE Flagstaff	1.2	(Lake Mary Rd)
Walnut Canyon NM	0.7	
...Gila County...		
Tonto Village	0.5	
...Navajo County...		
13 E Snowflake	3.0	
Snowflake	1.0	
Pinetop-Lakeside	1.0	
...Yavapai County...		
Sedona	1.0	

### **January 31<sup>st</sup> Storm System:**

A strong storm system approached the region on January 31<sup>st</sup> bringing windy conditions along with increasing rain and snow showers. Thunderstorms also developed, with thundersnow reported around the Flagstaff area. Most of the precipitation with this storm fell after midnight and will be included in the February review.