

MONTH IN REVIEW FOR NORTHERN ARIZONA FOR JANUARY 2017

... JANUARY TEMPERATURE AND PRECIPITATION OVERVIEW ...

Numerous storm systems affected northern Arizona throughout January. This led to most locations receiving well above normal precipitation, with heavy mountain snows. Temperatures were typical of a stormy period, with below normal daytime highs and above normal overnight lows due to extensive cloud cover and precipitation. Much of the monthly precipitation fell during a series of cold storms that brought snow and rain almost continuously from the 19th through the 24th of the month.

JANUARY DATA AND DEPARTURES FROM NORMAL FOR SELECTED CITIES

	Max T		Min T		Precip	Dep	% Normal
	Avg	Dep	Avg	Dep			
Flagstaff	37.3	-5.2	21.8	+4.5	4.56"	+2.51"	222 %
Winslow	50.5	+1.0	28.2	+7.4	0.81"	+0.29"	189 %
Prescott AP	48.7	-3.0	29.4	+3.6	1.93"	+0.81"	172 %
Prescott WTP	51.6	-0.4	23.9	+0.1	1.89"	+0.30"	119 %
St Johns AP	49.2	-0.7	25.7	+4.6	0.58"	-0.19"	75 %
Grand Canyon AP	38.6	-4.3	16.7	+4.3	2.76"	+1.00"	157 %
Bellemont	37.1	-6.4	16.8	+3.5	4.49"	+2.45"	220 %
Show Low AP	42.2	-4.9	26.3	+3.2	2.62"	+1.45"	224 %
Page Airport	45.8	+1.9	32.4	+1.9	0.98"	-0.09"	92 %
Seligman	47.4	-5.6	25.9	+2.5	1.23"	+0.11"	110 %

Wettest January Ranking		
Location	January Precipitation (in.)	Rank
Grand Canyon N Rim	9.18"	5 th wettest
Payson	4.88"	10 th wettest
Prescott Airport	1.93"	12 th wettest
Flagstaff Airport	4.56"	12 th wettest
Williams	4.40"	15 th wettest
Prescott (Water Plant)	3.15"	21 st wettest
Winslow Airport	0.81"	22 nd wettest

- ✓ **January 2017 was the 6th snowiest on record for the Grand Canyon North Rim with 79" of snow.**
- ✓ **Flagstaff had the 12th snowiest January on record with 43.6".**

...ADDITIONAL PRECIPITATION REPORTS FROM CO-OP OBSERVERS...

Location January Precipitation (inches)

ALPINE	1.74
BAGDAD	3.34
BELLEMONT WFO	4.49
BLUE RIDGE RANGER STATION	3.98
BRIGHT ANGEL (NORTH RIM)	9.18
CASTLE HOT SPRINGS	3.25
FLAGSTAFF AIRPORT (ASOS)	4.56
FLAGSTAFF ARBORETUM	6.09
GRAND CANYON AIRPORT (ASOS)	2.76
GRAND CANYON EAST ENTRANCE	5.17
GRAND CANYON VISITOR CENTER	4.20
JEROME	2.51
MCNARY 2 N	3.75
NATURAL BRIDGE	5.27
PAGE (ASOS)	0.98
PAYSON	4.88
PHANTOM RANCH	2.14
PINETOP 2E	5.38
PRESCOTT AIRPORT (ASOS)	1.93
PRESCOTT (CITY)	3.15
SAINT JOHNS	0.84
SAINT JOHNS (ASOS)	0.58
SAINT MICHAELS	2.04
SELIGMAN	1.23
SHOW LOW AIRPORT	2.62
SUNRISE MOUNTAIN	4.53
SUNSET CRATER N.M.	3.34
WALNUT CANYON N.M.	3.14
WINDOW ROCK (ASOS)	1.63
WINSLOW AIRPORT (ASOS)	0.81
WUPATKI N.M.	1.12

...SIGNIFICANT WEATHER...

New Year's Day Snow: A storm system affected northern Arizona on New Year's Day bringing light to moderate snow amounts over the high country, with amounts generally ranging from 2 to 5 inches.

Jan. 5th-6th Cold Front Strong Wind and Snow: A cold front moved across northern Arizona from the afternoon of January 5th through the morning hours of January 6th. Most of the region experienced gusty winds and some light precipitation, with the heaviest snow over the Navajo Nation of northeast Arizona.

...Wind Reports...

Location	Speed	Time/Date
Springerville Municipal Airp	59 MPH	1255 AM 01/06
14 N Jacob Lake	58 MPH	0933 PM 01/05
Window Rock Airport	52 MPH	0126 AM 01/06
Mormon Lake	49 MPH	1103 PM 01/05
Flagstaff Airport	47 MPH	0905 PM 01/05
Prescott Airport	44 MPH	0916 PM 01/05
Doney Park	42 MPH	1015 PM 01/05
1 E Alpine	41 MPH	0316 AM 01/06
3 NNE Greer	41 MPH	0135 AM 01/06
Winslow Airport	40 MPH	0858 PM 01/05
St Johns Airport	40 MPH	1018 PM 01/05

...Snowfall Reports...

Location	Amount	Time/Date	Elevation (ft.)
...Apache County...			
Tolikan (Sweetwater)	6.0 in	1012 AM 01/06	5308
Teec Nos Pos	5.0 in	1016 AM 01/06	5263
3 NNE Many Farms	5.0 in	1003 AM 01/06	5267
Round Rock	4.0 in	0924 AM 01/06	5391
Sawmill	4.0 in	1010 AM 01/06	7708
Wheatfields	4.0 in	1007 AM 01/06	7298
Cove	3.0 in	1011 AM 01/06	6053
Red Valley	3.0 in	0928 AM 01/06	5856
Chinle	3.0 in	1005 AM 01/06	5509
Lukachukai	3.0 in	1010 AM 01/06	6405
Nazlini	2.0 in	1007 AM 01/06	6214

Rock Point	2.0 in	0921 AM 01/06	5012
Ganado	1.0 in	1011 AM 01/06	6416
...Coconino County...			
Jacob Lake	4.0 in	1040 AM 01/06	7900
K'ai'Bii'To	3.0 in	1032 AM 01/06	5751
Tuba City	2.0 in	1200 AM 01/06	
Coppermine	1.0 in	1035 AM 01/06	5948
...Navajo County...			
Monument Valley	5.0 in	1049 PM 01/05	
Chilchinbito	4.0 in	1024 AM 01/06	5948
Forest Lake	3.0 in	1022 AM 01/06	6654
Kayenta	3.0 in	1258 AM 01/06	
Shonto	2.0 in	1023 AM 01/06	6252
Pinon	1.5 in	1030 AM 01/06	6360
Hardrock	1.0 in	1028 AM 01/06	6210

Jan. 19th-24th Heavy Rain and Snow: A series of storm systems affected northern Arizona over a 6-day period, bringing heavy mountain snow and lower elevation rain. Driving conditions became hazardous and led to slow travel across the high country with a combination of snowpacked roads and low visibility.

Some 6-day snowfall totals include:

Arizona Snowbowl (10,800')	92.0 in
Grand Canyon North Rim	53.4 in
Forest Lakes	43.0 in
Flagstaff Airport	36.4 in
Grand Canyon Visitors Ctr	32.2 in
Bellefont NWS Office	29.3 in
Sunset Crater Natl Mon	27.5 in
Grand Canyon (E entrance)	24.1 in

McNary

22.5 in