

MONTH IN REVIEW FOR NORTHERN ARIZONA FOR JANUARY 2012

...TEMPERATURE AND PRECIPITATION OVERVIEW...

Afternoon high temperatures were significantly above normal during January due to persistent high pressure over the Southwest. This kept the storm track generally north of Arizona. Average overnight low temperatures were more variable, with many valley locations actually colder than normal as dry air allowed for efficient cooling. Higher elevation sites were kept relatively warmer overnight due to a prevalence of northeasterly winds. Precipitation was much below normal with the lack of storm systems crossing the region.

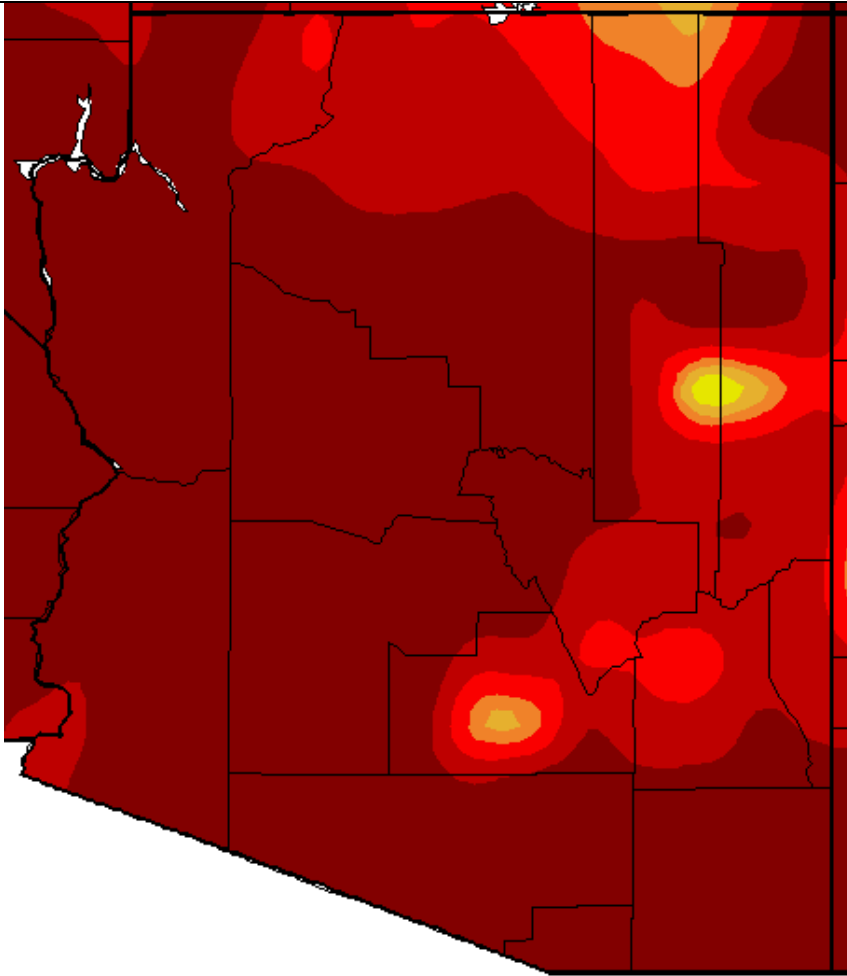
JANUARY DATA AND DEPARTURES FROM NORMAL FOR SELECTED CITIES:

	MAX	DEP	MIN	DEP	PCPN	DEP	PCPN
	TEMP	NORM	TEMP	NORM	TOTL	NORM	%NORM
FLAGSTAFF	47.3	+4.8	21.3	+4.0	0.42	-1.63	21
BELLEMONT	46.8	+3.3	15.5	+2.2	0.47	-1.57	23
COTTONWOOD	63.5	+3.9	29.2	-0.9	0.17	-0.99	15
GRAND CANYON	49.1	+6.2	14.5	+2.1	0.61	-1.15	35
WINSLOW	54.7	+5.2	19.8	-1.0	0.05	-0.47	10
PRESCOTT AP	58.5	+6.8	25.6	-0.2	0.10	-1.02	9
PRESCOTT WTP	56.7	+4.7	22.4	-1.4	0.23	-1.36	15
SAINT JOHNS	53.1	+4.3	17.5	-2.6	0.04	-0.58	7
SELIGMAN	58.8	+5.8	22.1	-1.3	0.09	-1.03	8
SHOW LOW AP	50.2	+3.1	25.0	+1.9	0.50	-0.67	43

The following are rankings of monthly average maximum temperatures and precipitation compared to the historical record.

LOCATION	MAX TEMP RANKING	MONTHLY PRECIP RANKING
Flagstaff	10 th Warmest	20 th Driest
Cottonwood	8 th Warmest	17 th Driest
Winslow	7 th Warmest	19 TH Driest
Prescott WTP	8 th Warmest	18 th Driest
Seligman	6 th Warmest	16 th Driest
Castle Hot Springs	8 th Warmest	1 st Driest (14 ties)

JANUARY 2012 PERCENTAGE OF NORMAL PRECIPITATION



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

<u>LOCATION</u>	<u>JANUARY PRECIP</u>
ALPINE R.S.	0.98
BAGDAD	0.25
BETATAKIN	0.76
BLUE RIDGE R.S.	0.59
BRIGHT ANGEL R.S.	1.44
CANYON DE CHELLY	0.17
CASTLE HOT SPRINGS	0.00
CHINO VALLEY	0.15

FORT VALLEY	0.43
GISELA	0.15
GRAND CANYON VIS CENTER	0.80
HEBER (BLACK MESA) R.S.	0.33
JEROME	0.22
MCNARY 2 N	0.72
METEOR CRATER	0.06
MONTEZUMA CASTLE N.M.	0.07
NATURAL BRIDGE	0.21
PAINTED DESERT N.P.	0.17
PAYSON	0.21
PETRIFIED FOREST N.P.	1.03
PHANTOM RANCH	0.40
PINETOP 2E	0.76
PLEASANT VALLEY R.S.	0.05
SNOWFLAKE	0.28
SPRINGERVILLE	0.15
SUNRISE MOUNTAIN	1.34
SUNSET CRATER N.M.	0.18
TEEC NOS POS	0.08
WAHWEAP	0.31
WALNUT CANYON N.M.	0.09
WALNUT GROVE	0.05
WINDOW ROCK (ASOS)	0.23
WUPATKI N.M.	0.09

...SIGNIFICANT WEATHER...

January 7th-8th Snow

An area of low pressure moved southward across the region from the 7th into the early part of the 8th, bringing moderate snowfall amounts to much of eastern Arizona. Here are some snowfall totals (in inches):

LOCATION	SNOWFALL
...APACHE COUNTY...	
EAGAR	T
ALPINE	3.0
12 SW CONCHO	3.0
WINDOW ROCK	0.5
...COCONINO COUNTY...	
FOREST LAKES	4.0
SUNSET CRATER	0.2
9 NNE FLAGSTAFF	0.5

ARIZONA SNOWBOWL	4.0
BELLEMONT	T
...GILA COUNTY...	
PAYSON	T
...NAVAJO COUNTY...	
3 ESE LINDEN	8.0
SHOW LOW	6-11
LAKESIDE	2-3
HEBER-OVERGAARD	4.0
PINETOP	1.0
SNOWFLAKE	3.0

January 15th-16th Snow

A storm system moved eastward across the state from the 15th into the early part of the 16th, bringing light to moderate snowfall amounts to much of the region. The most significant accumulations were over the White Mountains and the North Rim of the Grand Canyon. Here are some snowfall totals (in inches):

LOCATION	SNOWFALL
...APACHE COUNTY...	
SUNRISE SKI PARK	13.0
1 S ALPINE	8.0
2 S ALPINE	6.0
GREER	4.0
...COCONINO COUNTY...	
GRAND CANYON N RIM	6.0
FLAGSTAFF AIRPORT	3.4
MUNDS PARK	3.1
ARIZONA SNOWBOWL	3.0
FOREST LAKES	2.5
PARKS	2.0
...YAVAPAI COUNTY...	
5 W PRESCOTT	1.5
4 NW PRESCOTT	0.5
PRESCOTT	T

January 19th Record High Temperature at Winslow

A record high of 70 degrees was set at Winslow Airport on January 19th. This breaks the old record of 66 set in 2000.

January 21st Windstorm

A weather disturbance crossed the state on January 21st, creating strong winds across much of northern Arizona. Here are some of the peak wind gusts recorded:

LOCATION	PEAK GUST (MPH)	TIME
...APACHE COUNTY...		
CONCHO	62	504 PM
ST. JOHNS AIRPORT	51	454 PM
...COCONINO COUNTY...		
I-40 AT TWO GUNS	71	222 PM
LEUPP	70	204 PM
FRAZIERS WELL	61	427 PM
WUPATKI NATL MON	59	212 PM
GRAND CANYON AIRPORT	54	454 PM
PHANTOM RANCH	51	204 PM
DONEY PARK	50	1200 PM
FLAGSTAFF AIRPORT	49	257 PM
...NAVAJO COUNTY...		
MOGOLLON AIRPARK	60	355 PM
WINSLOW AIRPORT	59	416 PM
LIMESTONE CANYON	57	324 PM
SHOW LOW AIRPORT	54	435 PM
...YAVAPAI COUNTY...		
CHINO VALLEY	50	215 PM

PLEASE SEND QUESTIONS OR COMMENTS TO W-FGZ.WEBMASTER@NOAA.GOV