

## MONTH IN REVIEW FOR NORTHERN ARIZONA FOR FEBRUARY 2016

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

The month of February was characterized by unseasonably warm and dry weather. The only measurable precipitation that fell during the month fell on February 1<sup>st</sup> when rain and high elevation snow spread across the area. After this storm system, high pressure returned to the region for the remainder of the month resulting in a prolonged period of dry and warm weather. High temperatures in February were significantly warmer than normal ranking among the warmest on record for some locations.

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

	Max T		Min T		Precip	Dep	% Normal
	Avg	Dep	Avg	Dep			
<b>Flagstaff Airport</b>	53.5	8.7	19.0	-0.3	0.37	-1.79	17%
<b>Winslow Airport</b>	62.2	6.4	22.8	-2.0	0.22	-0.24	48%
<b>Prescott Airport</b>	65.0	10.1	29.5	1.2	0.09	-1.30	6%
<b>Prescott WTP</b>	62.6	8.0	26.3	-0.1	0.81	-0.98	45%
<b>St Johns Airport</b>	60.1	5.3	20.1	-4.6	0.31	-0.22	58%
<b>Grand Canyon AP</b>	56.2	10.2	17.1	0.7	0.11	-1.08	9%
<b>Bellemont</b>	53.6	8.2	13.7	-1.9	0.44	-2.04	18%
<b>Show Low Airport</b>	57.1	5.6	25.8	-0.4	0.37	-0.71	34%
<b>Seligman</b>	66.8	10.3	23.9	-1.5	0.00	-1.14	0%
<b>Page Airport</b>	56.1	5.3	34.0	1.0	0.12	-0.53	18%
<b>Window Rock AP</b>	56.3	8.6	18.7	0.4	0.30	-0.43	41%

### Warmest February Rankings:

	Feb. 2016 Avg. Max Temp.	Rank
Seligman	66.8°	1 <sup>st</sup> warmest
Prescott	65.0°	1 <sup>st</sup> warmest
Flagstaff	53.5°	2 <sup>nd</sup> warmest
Winslow	62.2°	3 <sup>rd</sup> warmest
Show Low	57.1°	4 <sup>th</sup> warmest

## Additional Precipitation Reports from our COOP Stations:

<u>Location</u>	<u>February Precipitation (inches)</u>
ALPINE R.S.	0.25
BAGDAD	0.43
BELLEMONT WFO	0.44
BETATAKIN	0.50
BLUE RIDGE R.S.	0.70
BRIGHT ANGEL R.S.	1.19
CANYON DE CHELLY	0.40
CASTLE HOT SPRINGS	0.50
CHINO VALLEY	0.00
FLAGSTAFF ARBORETUM	0.47
FLAGSTAFF AIRPORT (ASOS)	0.37
GRAND CANYON AIRPORT (ASOS)	0.11
GRAND CANYON EAST ENTRANCE	0.74
GRAND CANYON VISITOR CENTER	0.46
HEBER (BLACK MESA) R.S.	0.86
JEROME	0.58
MCNARY 2 N	0.50
METEOR CRATER	0.30
NATURAL BRIDGE	0.50
PAGE (ASOS)	0.12
PAINTED DESERT N.P.	0.39
PAYSON	0.66
PETRIFIED FOREST N.P.	T
PHANTOM RANCH	0.34
PINETOP 2E	0.83
PLEASANT VALLEY R.S.	0.80
PRESCOTT AIRPORT (ASOS)	0.09
PRESCOTT CITY	0.81
SAINT JOHNS (ASOS)	0.31
SAINT MICHAELS	0.45
SELIGMAN	T
SHOW LOW AIRPORT	0.37
SNOWFLAKE	0.23
SPRINGERVILLE	0.30
SUNRISE MOUNTAIN	1.30
SUNSET CRATER N.M.	0.47
TEEC NOS POS	0.00
WALNUT CANYON N.M.	0.70
WILLIAMS	0.60
WILLIAMS 35NNW	0.09

WINDOW ROCK (ASOS)	0.30
WINSLOW AIRPORT (ASOS)	0.22
WUPATKI	0.31

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

**January 31<sup>st</sup> – February 1<sup>st</sup> Snow:**

The only weather system to bring measurable precipitation to northern Arizona during the month of February began on Jan. 31<sup>st</sup> with rain and high elevation snow falling through Feb. 1<sup>st</sup>. Below are snowfall amounts from this storm system.

STORM TOTAL SNOWFALL FOR JAN 31-FEB 1

...APACHE COUNTY...

SUNRISE MOUNTAIN	19.0	500 PM	2/01
ALPINE	11.5	400 PM	2/01
TSAILE	10.0	810 AM	2/01
WNW GANADO	6.0	805 AM	2/01
1 N MCNARY	4.7	452 PM	2/01
FORT DEFIANCE	4.5	355 PM	2/01
WINDOW ROCK	3.0	818 AM	2/01
CONCHO	1.0	750 AM	2/01

...COCONINO COUNTY...

ARIZONA SNOWBOWL	26.0	1200 PM	2/01	
GR CANYON NORTH RIM	17.5	500 PM	2/01	BRIGHT ANGEL
MORMON LAKE	15.0	248 PM	2/01	
FOREST LAKES	15.0	1157 PM	2/01	
JACOB LAKE	12.0	623 PM	2/01	
WILLIAMS	10.5	1200 PM	2/01	BILL WILLIAMS
FLAGSTAFF AIRPORT	10.2	500 AM	2/02	
BELLEMONT	9.2	500 AM	2/02	NWS OFFICE
GR CANYON EAST ENTRANCE	8.5	800 AM	2/02	EAST ENTRANCE
MUNDS PARK	8.0	1009 AM	2/02	
KACHINA VILLAGE	8.0	945 AM	2/01	
BLUE RIDGE RS	6.0	800 AM	2/02	
PARKS	6.0	730 AM	2/01	
GR CANYON VISITOR CENTER	5.5	1200 PM	2/01	
OAK CREEK CANYON	5.0	330 PM	2/01	
SUNSET CRATER	4.0	900 AM	2/02	
DONEY PARK	4.0	939 AM	2/01	
WALNUT CANYON NM	1.5	900 AM	2/02	
WUPATKI	0.1	900 AM	2/02	
PHANTOM RANCH	T	600 PM	2/01	

...GILA COUNTY...

TONTO VILLAGE	4.5	550	PM	2/01	
STRAWBERRY	4.0	932	AM	2/01	
PAYSON	2.5	1200	PM	2/01	
...NAVAJO COUNTY...					
PINETOP-LAKESIDE	6.9	1200	PM	2/01	
NAVAJO NM	3.0	800	AM	2/01	
KEAMS CANYON	2.0	803	AM	2/01	
SHOW LOW	1.0	837	AM	2/01	
...YAVAPAI COUNTY...					
CAMP WOOD	11.0	420	PM	2/01	
WILLIAMSON VALLEY	8.0	420	PM	2/01	9 NW PRESCOTT
DEARING PARK	8.0	420	PM	2/01	5 W PRESCOTT
SEDONA	4.1	722	PM	2/01	
SLIDE ROCK STATE PARK	4.0	326	PM	2/01	
JEROME	4.0	800	AM	2/02	
PRESCOTT VALLEY	4.0	1257	PM	2/01	
PRESCOTT	3.6	900	AM	2/01	IRON SPGS RD
BAGDAD	3.0	600	AM	2/01	
ASH FORK	2.0	700	AM	2/01	
COTTONWOOD	1.5	1035	AM	2/02	TUZIGOOT NM
DEWEY-HUMBOLDT	1.0	750	AM	2/01	
MONTEZUMA CASTLE NM	T	1016	AM	2/02	

## February 18<sup>th</sup> Wind:

...PEAK WIND REPORTS...

LOCATION	SPEED	TIME/DATE
1 W TWO GUNS	60 MPH	0315 PM 02/18
GRAND CANYON AIRPORT	59 MPH	0207 PM 02/18
WINSLOW AIRPORT	54 MPH	0329 PM 02/18
4 N HOUSE ROCK	52 MPH	0119 PM 02/18
4 NNE FRAZIERS WELL	51 MPH	0127 PM 02/18
2 ESE HEBER-OVERGAARD	49 MPH	0335 PM 02/18
LUPTON	48 MPH	0223 PM 02/18
6 SW WOODRUFF	45 MPH	0133 PM 02/18
PAGE MUNICIPAL AIRPORT	45 MPH	1232 PM 02/18
BRIGHT ANGEL POINT	45 MPH	0107 PM 02/18
WINDOW ROCK AIRPORT	45 MPH	0313 PM 02/18
SHONTO	44 MPH	0408 PM 02/18
SHOW LOW AIRPORT	44 MPH	0155 PM 02/18
6 W JOSEPH CITY	43 MPH	0203 PM 02/18
KYKOTSMOVI VILLAGE	43 MPH	0213 PM 02/18
9 S PINEDALE	42 MPH	0324 PM 02/18

6 SSW NAVAJO NATIONAL MONUME	42 MPH	0236 PM 02/18
3 NW WILLIAMS	41 MPH	0335 PM 02/18
FLAGSTAFF AIRPORT	41 MPH	0324 PM 02/18
PETRIFIED FOREST NTNL PARK	40 MPH	0243 PM 02/18
14 N JACOB LAKE	40 MPH	0133 AM 02/18
6 NNW BRIGHT ANGEL POINT	40 MPH	0308 PM 02/18
ST JOHNS AIRPORT	39 MPH	0145 PM 02/18
PRESCOTT AIRPORT	36 MPH	1142 AM 02/18

## Record High Temperatures:

### Saturday, Feb. 27<sup>th</sup>:

A RECORD HIGH TEMPERATURE OF 76 DEGREES WAS SET AT WINSLOW AZ AIRPORT. THIS BREAKS THE OLD RECORD OF 74 SET IN 2006.

### Sunday, Feb. 21<sup>st</sup>:

A RECORD HIGH TEMPERATURE OF 63 DEGREES WAS SET AT FLAGSTAFF AZ AIRPORT. THIS BREAKS THE OLD RECORD OF 60 SET IN 1995.

A RECORD HIGH TEMPERATURE OF 73 DEGREES WAS SET AT PRESCOTT AZ AIRPORT. THIS BREAKS THE OLD RECORD OF 72 SET IN 1991.

### Thursday, Feb. 18<sup>th</sup>:

A RECORD HIGH TEMPERATURE OF 73 DEGREES WAS SET AT WINSLOW AZ AIRPORT. THIS TIES THE OLD RECORD OF 73 SET IN 1958.

### Wednesday, Feb. 17<sup>th</sup>:

A RECORD HIGH TEMPERATURE OF 79 DEGREES WAS SET AT WINSLOW AZ AIRPORT. THIS BREAKS THE OLD RECORD OF 73 SET IN 2014. THIS ALSO TIES THE ALL TIME RECORD HIGH FOR THE MONTH OF FEBRUARY...PREVIOUSLY SET ON FEB 15 2014.

A RECORD HIGH TEMPERATURE OF 83 DEGREES WAS SET AT COTTONWOOD-TUZIGOOT AZ. THIS BREAKS THE OLD RECORD OF 79 SET IN 1996.

A RECORD HIGH TEMPERATURE OF 76 DEGREES WAS SET AT PETRIFIED FOREST AZ. THIS BREAKS THE OLD RECORD OF 73 SET IN 1947.

A RECORD HIGH TEMPERATURE OF 73 DEGREES WAS SET AT PRESCOTT WASTE WATER TREATMENT PLANT AZ. THIS BREAKS THE OLD RECORD OF 72 SET IN 1977.

A RECORD HIGH TEMPERATURE OF 77 DEGREES WAS SET AT SELIGMAN AZ. THIS BREAKS THE OLD RECORD OF 76 SET IN 1996.

A RECORD HIGH TEMPERATURE OF 71 DEGREES WAS SET AT SHOW LOW AIRPORT AZ. THIS BREAKS THE OLD RECORD OF 66 SET IN 2004.

A RECORD HIGH TEMPERATURE OF 66 DEGREES WAS TIED AT WILLIAMS AZ. THIS TIES THE OLD RECORD OF 66 SET IN 2004.

A RECORD HIGH TEMPERATURE OF 73 DEGREES WAS TIED AT PAYSON AZ. THIS TIES THE OLD RECORD OF 73 SET IN 1958.

**Tuesday, Feb. 16<sup>th</sup>:**

A RECORD HIGH TEMPERATURE OF 74 DEGREES WAS SET AT PRESCOTT AZ AIRPORT. THIS BREAKS THE OLD RECORD OF 73 SET IN 1981.

A RECORD HIGH TEMPERATURE OF 64 DEGREES WAS SET AT ALPINE AZ. THIS BREAKS THE OLD RECORD OF 63 SET IN 1930.

A RECORD HIGH TEMPERATURE OF 82 DEGREES WAS SET AT COTTONWOOD-TUZIGOOT AZ. THIS BREAKS THE OLD RECORD OF 79 SET IN 2014.

A RECORD HIGH TEMPERATURE OF 74 DEGREES WAS SET AT PAYSON AZ. THIS BREAKS THE OLD RECORD OF 73 SET IN 1977.

A RECORD HIGH TEMPERATURE OF 78 DEGREES WAS SET AT SELIGMAN AZ. THIS BREAKS THE OLD RECORD OF 72 SET IN 1996.

A RECORD HIGH TEMPERATURE OF 66 DEGREES WAS SET AT WILLIAMS AZ. THIS BREAKS THE OLD RECORD OF 65 SET IN 1977.

**Friday, February 12<sup>th</sup>:**

A RECORD HIGH TEMPERATURE OF 67 DEGREES WAS SET AT WALNUT CANYON, AZ. THIS BREAKS THE OLD RECORD OF 61 SET IN 2012.

A RECORD HIGH TEMPERATURE OF 65 DEGREES WAS SET AT MCNARY AZ. THIS BREAKS THE OLD RECORD OF 63 SET IN 1961.

A RECORD HIGH TEMPERATURE OF 64 DEGREES WAS SET AT FLAGSTAFF AZ AIRPORT. THIS BREAKS THE OLD RECORD OF 62 SET IN 2014.

A RECORD HIGH TEMPERATURE OF 75 DEGREES WAS SET AT PRESCOTT AZ AIRPORT. THIS BREAKS THE OLD RECORD OF 70 SET IN 1957.

A RECORD HIGH TEMPERATURE OF 73 DEGREES WAS SET AT PRESCOTT AZ WASTE WATER TREATMENT FACILITY. THIS BREAKS THE OLD RECORD OF 70 SET IN 1910.

A RECORD HIGH TEMPERATURE OF 81 DEGREES WAS SET AT COTTONWOOD-TUZIGOOT AZ. THIS BREAKS THE OLD RECORD OF 80 SET IN 1957.

A RECORD HIGH TEMPERATURE OF 78 DEGREES WAS SET AT SELIGMAN AZ. THIS BREAKS THE OLD RECORD OF 70 SET IN 1967.

A RECORD HIGH TEMPERATURE OF 66 DEGREES WAS SET AT WILLIAMS AZ. THIS BREAKS THE OLD RECORD OF 64 SET IN 1904.

A RECORD HIGH TEMPERATURE OF 64 DEGREES WAS SET AT SHOW LOW AZ AIRPORT. THIS BREAKS THE OLD RECORD OF 59 SET IN 2014. NOTE: RECORDS ONLY DATE BACK TO 1984.

A RECORD HIGH TEMPERATURE OF 63 DEGREES WAS SET AT NAVAJO NATIONAL MONUMENT AZ. THIS BREAKS THE OLD RECORD OF 56 SET IN 1954.

**Thursday, Feb. 11<sup>th</sup>:**

A RECORD HIGH TEMPERATURE OF 74 DEGREES WAS SET AT PRESCOTT AZ AIRPORT. THIS BREAKS THE OLD RECORD OF 70 SET IN 1996.

A RECORD HIGH TEMPERATURE OF 59 DEGREES WAS TIED AT NAVAJO NATIONAL MONUMENT AZ. THIS TIES THE OLD RECORD OF 59 SET IN 2015.

A RECORD HIGH TEMPERATURE OF 54 DEGREES WAS TIED AT THE BRIGHT ANGEL RANGER STATION AZ. THIS TIES THE OLD RECORD OF 54 SET IN 2002.

A RECORD HIGH TEMPERATURE OF 76 DEGREES WAS SET AT SELIGMAN AZ. THIS BREAKS THE OLD RECORD OF 71 SET IN 1951.

A RECORD HIGH TEMPERATURE OF 81 DEGREES WAS SET AT COTTONWOOD-TUZIGOOT AZ. THIS BREAKS THE OLD RECORD OF 80 SET IN 1971.

A RECORD HIGH TEMPERATURE OF 64 DEGREES WAS SET AT WILLIAMS AZ. THIS BREAKS THE OLD RECORD OF 63 SET IN 1996.