MONTH IN REVIEW FOR NORTHERN ARIZONA FOR FEBRUARY 2014

... TEMPERATURE AND PRECIPITATION OVERVIEW...

The first week of February was cold with light precipitation. Dry conditions and well above normal temperatures returned for the final three weeks of the month. As a result, average monthly temperatures were much warmer than normal, and precipitation was well below normal.

	Max	Dep	Min	Dep	PCPN	Dep	%Normal
Flagstaff	51.2	6.4	22.5	3.2	0.43	-1.73	20%
Winslow	63.2	7.4	27.2	2.4	0.02	-0.44	4%
Prescott Airport	61.0	6.1	31.3	3.0	0.12	-1.27	9%
Prescott WTP	60.1	5.5	28.4	2.0	0.05	-1.74	3%
St Johns Airport	59.8	5.0	26.1	1.4	0.11	-0.42	21%
Grand Canyon Airport	51.4	5.4	15.9	-0.5	0.59	-0.60	50%
Bellemont	49.9	4.5	17.6	2.0	0.49	-1.99	20%
Show Low Airport	56.8	5.3	31.2	5.0	0.02	-1.06	2%
Cottonwood	68.4	5.1	35.0	1.6	0.07	-1.04	6%
Seligman	62.2	5.7	24.8	-0.6	0.20	-0.94	18%
Page Airport	59.8	9.0	36.8	3.8	0.06	-0.59	9%
Window Rock Airport	55.2	7.5	19.5	1.2	0.06	-0.67	8%

FEBRUARY DATA AND DEPARTURES FROM NORMAL FOR SELECTED CITIES:

Rankings of Temperature and Precipitation for Selected Cities for February 2014

City	Temp Ranking	Precip Ranking
Flagstaff	9 th Warmest	16 th Driest
Payson	14 th Warmest	8 th Driest
Prescott	5 th Warmest	10 th Driest
Show Low	2 nd Warmest	3 rd Driest
Winslow	2 nd Warmest	9 th Driest

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

LOCATION	FEBRUARY PRECIPITATION
ALPINE R.S.	0.05
BAGDAD	0.03
BELLEMONT WFO	0.49
BETATAKIN	0.30
BLUE RIDGE R.S.	0.53
BRIGHT ANGEL R.S.	1.18
CAMP VERDE 3N	0.07
CANYON DE CHELLY	0.20
CASTLE HOT SPRINGS	0.00
CHINO VALLEY	0.14
FLAGSTAFF AIRPORT (ASOS)	0.43
FREDONIA 7SSE	0.61
GISELA	0.03
GRAND CANYON AIRPORT (ASOS)	0.59
GRAND CANYON VISITOR CENTER	R 0.60
HEBER (BLACK MESA) R.S.	Т
JEROME	0.43
KEAMS CANYON	Т
MCNARY 2 N	0.37
METEOR CRATER	0.02
MONTEZUMA CASTLE N.M.	0.41
NATURAL BRIDGE	0.10
OAK CREEK	0.25
PAGE (ASOS)	0.06
PAINTED DESERT N.P.	0.29
PAYSON	0.08
PETRIFIED FOREST N.P.	0.04
PHANTOM RANCH	0.23
PINETOP 2E	0.42
PRESCOTT AIRPORT (ASOS)	0.12
PRESCOTT CITY	0.05
SAINT JOHNS (ASOS)	0.11
SELIGMAN	0.20
SHOW LOW AIRPORT	0.02
SNOWFLAKE	0.11
SPRINGERVILLE	0.24
SUNRISE MOUNTAIN	0.93
SUNSET CRATER N. M.	0.13
TUZIGOOT N.M.	0.07
WALNUT CANYON N. M.	Т
WHITERIVER 1 SW	0.08

WILLIAMS	0.33
WILLIAMS 35NNW	0.25
WINDOW ROCK (ASOS)	0.06
WINSLOW AIRPORT (ASOS)	0.02
WUPATKI	0.15

...SIGNIFICANT WEATHER...

Light Snow Accumulations February 6-7

A storm system brought light snowfall amounts to the higher elevations of northern Arizona from February 6th into the early part of February 7th.

******STORM TOTAL SNOWFALL******

LOCATION	STORM TOTAL SNOWFALL /INCHES/
APACHE COUNTY	
2 N MCNARY	0.7
PETRIFIED FOREST	0.4
CONCHO	Т
COCONINO COUNTY.	
FOREST LAKES	3.0
9 N FLAGSTAFF	3.0
PARKS	3.0
4 S WILLIAMS	2.7
JACOB LAKE	2.0
GRAND CANYON VILL	AGE 1.7
BELLEMONT	1.7
FLAGSTAFF AIRPORT	1.5
KACHINA VILLAGE	1.1
GILA COUNTY	
14 NE PAYSON	2.0

Numerous Record High Temperatures Broken Mid February

...FEB 12 2014...

CITY (P	PERIOD OF	RECORD)	NEW HIGH	PREVIOUS RECORD/YEAR
FLAGSTA	AFF (1899	- 2014)	62	58 IN 2002

...FEB 13 2014...

CITY (PERIOD OF RECORD)	NEW HIGH	PREV	/IOUS R	ECORD,	/YEAR
MCNARY 2N (1921 - 2014)	64	64	(TIED)	IN	1957
PAGE (1958 – 2014)	73	66	IN	1991	
PRESCOTT (1899 - 2014)	74	74	(TIED)	IN	1957
WINSLOW (1899 - 2014)	75	74	IN	1979	

...FEB 14 2014...

CITY (PERIOD OF RECORD)	NEW HIGH	PREVI	DUS RI	ECORD/YEAR
FLAGSTAFF (1899 - 2014)	66	64	IN	1957
PAGE (1958 – 2014)	73	66	IN	1991
PRESCOTT (1899 - 2014)	76	74	IN	1957
PRESCOTT AIRPORT (1948 -	2014) 76	75	IN	1957
SUNSET CRATER NM (1970 -	2014) 65	61	IN	1971
WUPATKI (1940 - 2014)	75	69	IN	1991

...FEB 16 2014...

CITY (PERIOD OF RECORD) N	JEW	HIGH	PREVIO	US R	ECORD/YEAR
COTTONWOOD-TUZIGOOT (1977-2014	1)	79	77	IN	1996
PAGE (1958 - 2014)		73	66	IN	1996
SUNSET CRATER NM (1970 - 2014))	67	65	IN	1996

...FEB 17 2014...

CITY (PERIOD OF RECORD)	NEW HIGH	PREVIOUS RECORD/YEAR
SUNSET CRATER NM (1970 - 2	2014) 67	63 IN 1996
WINSLOW (1899 - 2014)	73	71 IN 1996

...FEB 19 2014...

CITY	(PERIOD	OF RECORD)	NEW HIGH	PREVIOUS RECORD/YEAR
PAGE	(1958 -	2014)	69	66 IN 1986

Strong Winds February 19th

Strong winds developed on the afternoon of February 19th, ahead of an approaching cold front. The winds created areas of blowing dust along and north of Interstate 40 in northeast Arizona. Below are some peak gusts recorded around the region.

MAX WIND LOCATION TIME GUST OF MPH MEASUREMENT ...APACHE COUNTY... WINDOW ROCK AIRPORT 55 412 PM ST. JOHNS AIRPORT 48 430 PM ...COCONINO COUNTY... PAGE AIRPORT 50 258 PM FLAGSTAFF AIRPORT 47 252 PM GRAND CANYON AIRPORT 46 106 PM ...NAVAJO COUNTY... WINSLOW AIRPORT 54 433 PM KYKOTSMOVI VILLAGE 53 415 PM SHOW LOW AIRPORT 455 PM 46 ...YAVAPAI COUNTY... PRESCOTT AIRPORT 42 226 PM

Strong Winds February 27th

A passing trough brought strong wind gusts to the region on the afternoon of February 27th.

LOCATION MAX WIND TIME GUST OF MPH MEASUREMENT ...APACHE COUNTY... ST. JOHNS 53 515 PM WINDOW ROCK 53 459 PM ...COCONINO COUNTY... **GRAND CANYON AIRPORT** 58 108 PM 53 FLAGSTAFF 243 PM WILLIAMS 215 PM 46

NAVAJO COUNTY		
WINSLOW	59	213 PM
KYKOTSMOVI	57	413 PM
SHOW LOW	52	235 PM
YAVAPAI COUNTY PRESCOTT	42	228 PM