

MONTH IN REVIEW FOR NORTHERN ARIZONA FOR MAY 2013

...TEMPERATURE AND PRECIPITATION OVERVIEW...

Early May featured a strong ridge of high pressure over the Eastern Pacific which resulted in warm and dry conditions. A weak trough undercut the ridge around the second week of the month, bringing the only rainfall of the month to many locations. By late May, a persistent low pressure system set up over the Pacific Northwest leaving northern Arizona in a dry and breezy pattern. Overall, monthly precipitation was well below normal with temperatures running very close to normal.

MAY DATA AND DEPARTURES FROM NORMAL FOR SELECTED CITIES:

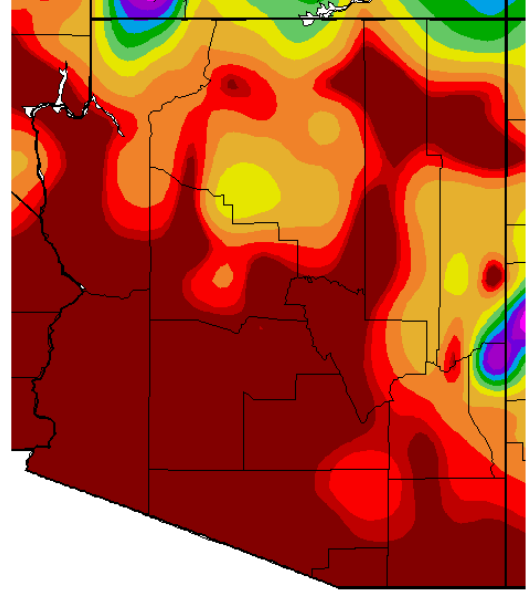
	Max Temp	Dep Norm	Min Temp	Dep Norm	Precip TOTAL	Dep Norm	% Norm
Flagstaff	68.9	+0.8	33.6	-1.4	0.23	-0.40	37%
Winslow	82.5	+0.8	45.2	-0.2	T	-0.33	0%
Prescott AP	78.3	+1.6	47.5	+0.9	0.03	-0.43	7%
Prescott WTP	77.3	+1.0	44.1	-0.9	0.12	-0.37	24%
St Johns AP	79.3	-0.4	44.3	-0.8	0.10	-0.38	21%
Grand Canyon AP	72.1	+1.7	29.1	-1.3	0.13	-0.36	27%
Bellemont	68.9	-0.3	27.9	-3.6	0.27	-0.33	45%
Show Low AP	74.5	-0.5	45.6	+1.4	0.08	-0.51	14%
Seligman	79.5	+0.1	41.0	+0.3	0.00	-0.34	0%
Page AP	81.8	+1.3	57.1	+1.4	0.24	-0.19	56%
Window Rock AP	72.2	-0.7	34.1	-2.7	0.01	-0.58	2%

Here are the monthly totals from our Co-operative observers. To the right is a graphic of total May precipitation, showing any measurable amounts mostly under a quarter of an inch.

<u>LOCATION</u>	<u>MAY PRECIP</u>
BAGDAD	: 0.00
BETATAKIN	: 0.04
BLUE RIDGE R.S.	: 0.03
BRIGHT ANGEL R.S.	: T
CAMP VERDE 3N	: 0.00
CASTLE HOT SPRINGS	: 0.00
CHINO VALLEY	: 0.00
FLAGSTAFF 4SW	: 0.11
FREDONIA 7SSE	: 0.15
GANADO	: 0.00

GISELA	:	T
HEBER (BLACK MESA) R.S.	:	T
JEROME	:	0.12
LEES FERRY	:	0.10
MCNARY 2 N	:	0.22
MONTEZUMA CASTLE N.M.	:	T
NATURAL BRIDGE	:	0.01
OAK CREEK	:	0.06
PAINTED DESERT N.P.	:	0.16
PAYSON	:	T
PETRIFIED FOREST N.P.	:	0.13
PHANTOM RANCH	:	0.09
PINETOP 2E	:	0.26
PLEASANT VALLEY R.S.	:	0.00
SAINT JOHNS	:	T
SELIGMAN	:	0.00
SHOW LOW AIRPORT	:	0.08
SNOWFLAKE	:	0.05
SPRINGERVILLE	:	0.02
SUNRISE MOUNTAIN	:	0.02
SUNSET CRATER N. M.	:	0.07
TSAILE 1SSW	:	0.10
WALNUT CANYON N. M.	:	0.20
WHITERIVER 1 SW	:	0.20
WILLIAMS	:	0.30
WUPATKI	:	0.10

Total Precipitation May 2013



0.01 0.02 0.05 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8
 Generated 6/01/2013 at WRCC using provisional data.
 NOAA Regional Climate Centers

...SIGNIFICANT WEATHER...

MAY 22ND WINDS:

A BROAD LOW PRESSURE SYSTEM POSITIONED ACROSS THE WESTERN UNITED STATES CAUSED STRONG WINDS TO DEVELOP ACROSS PORTIONS OF NORTHERN ARIZONA. THE COMBINATION OF STRONG WINDS AND LOW RELATIVE HUMIDITIES BROUGHT HEIGHTENED FIRE WEATHER CONCERNS. BELOW IS A LIST OF PEAK WIND GUSTS.

LOCATION	MAX WIND GUST MPH
...APACHE COUNTY...	
CONCHO	40
ST. JOHNS AIRPORT	39
WINDOW ROCK	38
...COCONINO COUNTY...	
GRAND CANYON AIRPORT	48

FLAGSTAFF AIRPORT	45
DONEY PARK	44
HOUSE ROCK	41
WILLIAMS AIRPORT	41
HAPPY JACK	35
PAGE AIRPORT	35
...NAVAJO COUNTY...	
WINSLOW AIRPORT	45
LIMESTONE CANYON	41
...YAVAPAI COUNTY...	
SEDONA AIRPORT	37
PRESCOTT AIRPORT	36

RECORD LOW TEMPERATURES FOR MAY 2013:

CITY (PERIOD OF RECORD) New Low Previous Record YEAR

MAY 2ND

NAVAJO NM (1939 - 2013) 21 23 2008

MAY 3RD

BAGDAD (1930 - 2013) 34 37 2010

RECORD HIGH TEMPERATURES FOR MAY 2013:

CITY (PERIOD OF RECORD) New High Previous Record YEAR

MAY 14TH

PAGE (1958 - 2013) 95 92 2006