

MONTH IN REVIEW FOR NORTHERN ARIZONA FOR JUNE 2016

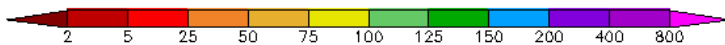
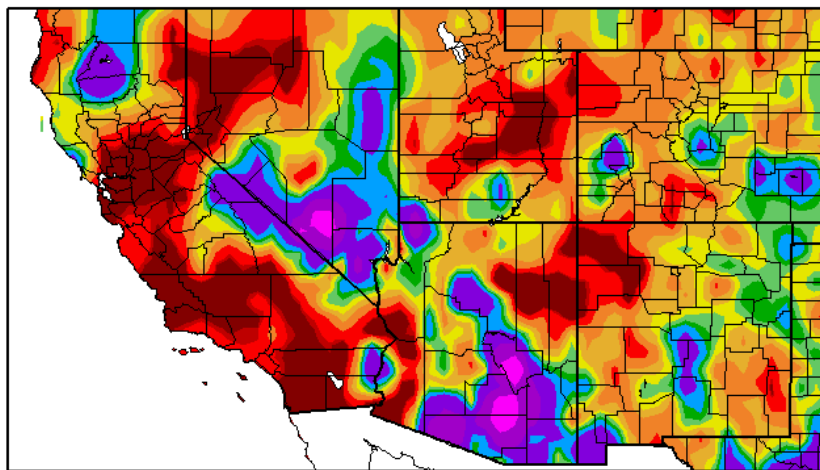
. . . JUNE TEMPERATURE AND PRECIPITATION OVERVIEW . . .

June 2016 was among the warmest on record for most northern Arizona locations. Several periods of strong high pressure brought these warm conditions to the region. Precipitation was well above normal from Gila County to the Mogollon Rim and Flagstaff regions. It was drier than normal for most other locations, including northeast Arizona where little or no rain fell.

JUNE DATA AND DEPARTURES FROM NORMAL FOR SELECTED CITIES:

	Max T		Min T		Precip	Dep	% Normal
	Avg	Dep	Avg	Dep			
Flagstaff	82.4	+4.5	46.0	+4.1	1.24"	+0.88"	344%
Winslow	97.0	+5.4	58.4	+4.6	0.01"	-0.17"	6%
Prescott AP	91.9	+5.5	60.8	+6.0	0.37"	-0.02"	95%
Prescott WTP	91.7	+6.0	57.7	+4.9	0.36"	+0.06"	120%
St Johns AP	93.0	+3.1	56.2	+3.2	0.35"	-0.05"	88%
Grand Canyon AP	88.6	+7.0	43.7	+7.4	0.91"	+0.60"	294%
Bellemont	83.7	+6.0	40.0	+4.5	0.95"	+0.73"	432%
Show Low AP	87.3	+3.1	55.8	+3.4	0.58"	+0.14"	132%
Page Airport	98.9	+7.8	70.4	+5.8	0.07"	-0.12"	37%
Window Rock Airport	90.0	+6.6	49.2	+5.3	0.01"	-0.45"	2%

Percent of Normal Precipitation (%)
6/1/2016 - 6/30/2016



Monthly average temperatures (highs and lows averaged together) were much above normal in June. Some locations had their warmest June on record.

	June 2016 Average Temperature	Rank
Winslow	77.7°	1 st warmest
Page	84.6°	1 st warmest
Prescott (Sundog)	74.7°	1 st warmest
Prescott (Airport)	76.4°	2 nd warmest
Navajo Natl Mon	73.0°	2 nd warmest
Payson	74.0°	2 nd warmest
Flagstaff	64.2°	6 th warmest

Many daily record high temperatures were set in June 2016. Page and Prescott Airport also set new all-time record highs. Here's a list of new records at a few locations, chosen for their long and complete period of record.

New Record High Temperatures June 2016			Location	New Record High	Date
			Flagstaff	87	6/3
				88	6/5
				93	6/19
	Payson	99		95	6/20
		99	Winslow	99	6/3
		93		99	6/4
		103		101	6/5
		103		104	6/19
	Castle Hot Springs	112		108	6/20
		112	Prescott Airport	97	6/3
		111		99	6/4
		113		98	6/5
		116		102	6/19
		113		105**	6/20
	Phantom Ranch	113	Page	100	6/3
		114		103	6/5
	Jerome	98		104	6/19
		100		106	6/20
** denotes new all-time record high		98		108	6/21
		108**		104	6/22

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

<u>Location</u>	<u>June Precipitation (inches)</u>
BAGDAD	0.38
BETATAKIN	0.20
BLUE RIDGE R.S.	0.44
BRIGHT ANGEL R.S.	0.25
CASTLE HOT SPRINGS	0.00
CHINO VALLEY	0.15
FLAGSTAFF ARBORETUM	1.46
GRAND CANYON EAST ENTRANCE	0.08
JEROME	0.39
MCNARY 2 N	0.77
METEOR CRATER	0.05
MONTEZUMA CASTLE	0.31
NATURAL BRIDGE	0.75
PAYSON	0.66
PHANTOM RANCH	0.00
SPRINGERVILLE	0.78
SUNRISE MOUNTAIN	2.80
SUNSET CRATER N.M.	0.46
TEEC NOS POS	TRACE
WALNUT CANYON N.M.	0.81
WILLIAMS	1.53
WUPATKI	0.01

...SIGNIFICANT WEATHER...

June 10th

A large area of thunderstorms moved northwestward across much of the region during the evening. Heavy rainfall over the Juniper Fire scar south of Young caused debris flows and road washouts along portions of Highway 288.

June 11th

Severe thunderstorms affected Yarnell around 540 PM. Quarter sized hail was reported, along with heavy rain.

June 20th

Severe thunderstorms caused wind damage to a shed and fences 2 miles southeast of Snowflake around 440 PM. This damage was associated with a gustnado, which is swirling winds near the leading edge of a thunderstorm gust front that can last from a few seconds to a few minutes.

June 28th

Dime sized hail and 4 inches of standing water was reported at the Interstate 40/17 interchange in Flagstaff at 10 AM. Later in the morning, heavy rain developed near downtown Flagstaff with 1 to 2 inches of rain falling in around an hour. Flooding was reported in a poor drainage area on the south side of downtown, with water up to car doors. At 329 PM, a wind gusts of 59 MPH was recorded at the Page Airport as thunderstorms passed through.

June 29th

Half inch diameter hail was reported at Williams at 130 PM. Dime sized hail was reported in Mayer at 5 PM. Heavy rain was also reported, with area low water crossings flooded. At 720 PM, heavy rain of 1.50" to 2.00" resulted in a 4-5 foot flood crest moving through Cedar Creek, though no homes were flooded and no other impacts were reported. This flow was likely enhanced due to increased runoff from the Cedar Fire burn scar in the Cedar Creek drainage.