

## MONTH IN REVIEW FOR NORTHERN ARIZONA FOR SEPTEMBER 2011

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

Northern Arizona was warmer and wetter than normal for most locations during September. The bulk of the rainfall for the month fell during a 10-day stretch from the 5<sup>th</sup> through the 14<sup>th</sup> when abundant moisture streamed northward into the region. Temperatures were above normal to start the month then a cool period accompanied the wet weather for the middle of the month. Warm and mostly dry weather was observed for the latter portions of September.

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

	MAX	DEP	MIN	DEP	PCPN	DEP
	TEMP	NORM	TEMP	NORM	TOTL	NORM
FLAGSTAFF	74.6	+1.7	43.1	+1.1	3.36	+0.98
BELLEMONT	75.1	+1.9	40.4	+2.8	3.97	+1.94
GRAND CANYON	77.4	+0.2	42.4	+4.0	2.85	+1.49
WINSLOW	85.2	0.0	54.5	+2.2	1.71	+0.83
PRESCOTT AIRPORT	85.1	+3.2	55.8	+2.5	1.80	+0.29
SAINT JOHNS	82.2	+0.5	51.5	+1.8	1.75	+0.50
SELIGMAN	86.0	+1.5	50.7	+2.5	1.20	-0.17
SHOW LOW AP	79.7	+1.1	52.1	+1.0	1.58	-0.01
COTTONWOOD	93.3	+1.7	59.7	+1.0	1.26	-0.26

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

### LOCATION                      SEPTEMBER PRECIP

ALPINE R.S.	3.50
BAGDAD	0.92
BELLEMONT WFO	3.97
BETATAKIN	1.58
BLUE RIDGE R.S.	3.92
BRIGHT ANGEL R.S.	3.44
CANYON DE CHELLY	1.18
CASTLE HOT SPRINGS	0.10
CHINO VALLEY	2.72
FLAGSTAFF ARBORETUM	2.52
FLAGSTAFF AIRPORT (ASOS)	3.36
FORT VALLEY	3.76
GISELA	0.89
GRAND CANYON AIRPORT (ASOS)	2.85
HAPPY JACK R.S.	3.03
HEBER (BLACK MESA) R.S.	1.20

JEROME	1.71
LEES FERRY	0.54
MCNARY 2 N	1.62
MONTEZUMA CASTLE N.M.	2.17
MUNDS PARK	3.67
NATURAL BRIDGE	1.19
PAGE (ASOS)	1.38
PAINTED DESERT N.P.	2.02
PAYSON	1.02
PAYSON RS	5.84
PETRIFIED FOREST N.P.	2.00
PHANTOM RANCH	1.48
PINETOP 2E	1.58
PLEASANT VALLEY R.S.	1.14
PRESCOTT AIRPORT (ASOS)	1.80
PRESCOTT CITY	1.82
SAINT JOHNS (ASOS)	1.75
SAINT MICHAELS	2.84
SELIGMAN	1.20
SHOW LOW AIRPORT	1.58
SNOWFLAKE	1.77
SPRINGERVILLE	1.93
SUNRISE MOUNTAIN	2.90
SUNSET CRATER N. M.	2.57
TEEC NOS POS	0.50
TUZIGOOT N.M.	1.26
WALNUT CANYON N. M.	1.99
WALNUT GROVE	0.80
WILLIAMS	2.14
WINDOW ROCK (ASOS)	1.81
WINSLOW AIRPORT (ASOS)	1.71

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

**September 6<sup>th</sup> - Severe thunderstorm damaged Juniper trees along a three-quarter mile stretch along State Route 277 12 miles west of Snowflake.**

**September 8<sup>th</sup> - Quarter-sized hail at the Lake Mary campground. Some dents reported in the roofs of RVs.**

**September 9<sup>th</sup> - Quarter-sized hail 3 miles south of Munds Park. A mudslide was also reported along highway 89A north of Sedona, causing a partial closure of the road for 4 hours.**

**September 10<sup>th</sup> - Strong thunderstorms struck Yavapai County. Quarter-sized hail in Chino Valley and Nickel-sized hail in Cordes Junction. Funnel cloud reported west of Chino valley.**

**September 11<sup>th</sup> - A rare overnight flood occurred due to thunderstorms in the Schultz burn area. Flooding was reported with debris across roads in Hutchison Acres and Timberline Estates shortly after Midnight.**

September 12<sup>th</sup> - A severe hailstorm struck Flagstaff around 6 AM. Numerous reports of Quarter-sized hail were received, with the largest hail reported around Ping-Pong ball sized. Hail damage was reported on numerous vehicles, with some roof damage to homes also reported.

September 13<sup>th</sup> - Half-dollar diameter hail in Snowflake. Flash flooding over the Schultz burn area during the late afternoon with many roads flooded.

September 14<sup>th</sup> - Quarter-sized hail covered the ground on I-17 2 miles south of Munds Park. Strong thunderstorms struck the Sedona area around 130 PM bringing Nickel-sized hail. Washes and creeks in the Tlaquepaque area also flooded, causing some roads to be closed. Lake Powell Tribal Park reported that Rattlesnake and Owl Canyons were flooded around 245 PM.

Storms with very heavy rain hit central Yavapai County during the late afternoon. Flooding was reported on Zalesky road in Cottonwood and on Spring Creek in Cornville. A tornado caused significant damage to the forest 1 mile north of the Snowbowl on the San Francisco peaks around 520 PM.

September 15<sup>th</sup> - 2 inch diameter hail and a funnel cloud reported 3 miles WSW of Dilkon.

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PLEASE SEND QUESTIONS OR COMMENTS TO [W-FGZ.WEBMASTER@NOAA.GOV](mailto:W-FGZ.WEBMASTER@NOAA.GOV)