## ...NORTHERN ARIZONA CLIMATE STATISTICS FOR 2013...

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

ANNUAL AVERAGE TEMPERATURES FOR 2013 WERE SLIGHTLY BELOW NORMAL FOR MOST LOCATIONS ACROSS NORTHERN ARIZONA. PRECIPITATION TOTALS FOR THE YEAR WERE NEAR NORMAL FOR MOST OF THE REGION, WITH THE EXCEPTION OF PARTS OF YAVAPAI AND WESTERN COCONINO COUNTIES WHERE DRY CONDITIONS PERSISTED. THE YEAR FEATURED A VERY WET MONSOON SEASON, BUT GENERALLY BELOW NORMAL SNOWFALL.

### 2013 TEMPERATURE AND PRECIPITATION DATA FOR SELECTED LOCATIONS:

|                   | AVERAGE   | DEPARTURE   | PRECIP    | DEPARTURE   |  |
|-------------------|-----------|-------------|-----------|-------------|--|
|                   | TEMP (F)  | FROM NORMAL | TOTAL(IN) | FROM NORMAL |  |
|                   |           |             |           |             |  |
| BAGDAD            | 60.0      | +0.1        | 15.75     | -0.96       |  |
| BETATAKIN         | 49.3      | -1.2        | MM        | MM          |  |
| BELLEMONT         | 43.2      | -0.9        | 24.11     | +3.96       |  |
| CANYON DE CHELLY  | 52.3      | -1.0        | 8.50      | -1.08       |  |
| COTTONWOOD (TUZIG | OOT) 62.7 | -0.4        | 14.89     | +2.18       |  |
| FLAGSTAFF AP      | 45.7      | -0.6        | 24.79     | +2.93       |  |
| GRAND CANYON AP   | 45.4      | -0.1        | 12.71     | -3.46       |  |
| OAK CREEK         | 57.3      | +0.1        | 26.35     | -2.77       |  |
| PAGE              | 59.8      | +0.6        | 9.89      | +3.06       |  |
| PRESCOTT AP       | 56.3      | +0.5        | 12.94     | -1.03       |  |
| PRESCOTT (WTP)    | 54.4      | -0.4        | 13.34     | -4.61       |  |
| SAINT JOHNS       | 53.7      | -0.2        | 8.13      | -3.86       |  |
| SELIGMAN          | 54.7      | -0.2        | 9.74      | -3.05       |  |
| SHOW LOW AP       | 52.3      | -0.9        | 16.02     | -0.62       |  |
| WINDOW ROCK AP    | 46.8      | -1.4        | 11.62     | -0.68       |  |
| WINSLOW           | 55.5      | -0.5        | 9.51      | +2.50       |  |

### 2013 SNOWFALL TOTALS FOR SELECTED LOCATIONS:

|                      | 2013 TOTAL(IN) | NORMAL(IN) | DEPARTURE<br>FROM NORMAL |
|----------------------|----------------|------------|--------------------------|
| ALPINE               | 40.0           | 42.8       | -2.8                     |
| BELLEMONT NWS OFFICE | 67.6           | 74.4       | -6.8                     |
| CANYON DE CHELLY     | 8.4            | 5.9        | +2.5                     |
| COTTONWOOD           | 2.0            | 1.5        | +0.5                     |
| FLAGSTAFF            | 70.0           | 101.7      | -31.7                    |
| JEROME STATE PARK    | 7.3            | 7.8        | -0.5                     |
| MCNARY               | 58.6           | 73.1       | -14.5                    |
| OAK CREEK CANYON     | 20.8           | 19.0       | +1.8                     |
| PAYSON               | 23.6           | 20.1       | +3.5                     |
| PRESCOTT WTP         | 7.0            | 12.7       | -5.7                     |
| SELIGMAN             | 3.5            | 9.8        | -6.3                     |
| SHOW LOW AIRPORT     | 27.7           | 20.5       | +7.2                     |
| SNOWFLAKE            | 6.5            | 13.7       | -7.2                     |
| SUNSET CRATER        | 42.2           | 63.6       | -21.4                    |
| WALNUT CANYON        | 35.3           | 60.3       | -25.0                    |

## 2013 MONSOON RAINFALL TOTALS FOR SELECTED LOCATIONS:

(MONSOON SEASON JUNE 15 THROUGH SEPTEMBER 30)

| Location                      | Observed<br>Precipitation | Normal<br>Precipitation | Departure From<br>Normal | Percent of<br>Normal | All-Time Ranking<br>(Period of Record) |  |  |
|-------------------------------|---------------------------|-------------------------|--------------------------|----------------------|--|--|--|
| Bagdad                        | 8.15"                     | 5.36"                   | +2.79                    | 152%                 | 11th Wettest (1925-present)            |  |  |
| Bellemont                     | 15.18"                    | 7.86"                   | +7.32                    | 193%                 | 1st Wettest (1994-present)             |  |  |
| Betatakin (Navajo Natl Mon)   | 7.75"                     | 4.27"                   | +3.48                    | 181%                 | 3 <sup>rd</sup> Wettest (1939-present) |  |  |
| Bright Angel Ranger Station   | 12.67"                    | 6.75"                   | +5.92                    | 188%                 | 4th Wettest (1925-present)             |  |  |
| Canyon De Chelly Natl Mon     | 4.43"                     | 3.75"                   | +0.68                    | 118%                 | 29th Wettest (1908-present)            |  |  |
| Castle Hot Springs            | 3.90"                     | 4.93"                   | -1.03                    | 79%                  | 29tt Driest (1916-present)             |  |  |
| Cottonwood (Tuzigoot NM)      | 8.81"                     | 5.37"                   | +3.44                    | 164%                 | 5th Wettest (1911-present)             |  |  |
| Flagstaff                     | 15.70"                    | 8.31"                   | +7.39                    | 189%                 | 2 <sup>nd</sup> Wettest (1898-present) |  |  |
| Grand Canyon Airport          | 10.15"                    | 5.93"                   | +4.22                    | 171%                 | 2 <sup>nd</sup> Wettest (1996-present) |  |  |
| Heber (Black Mesa Ranger Stn) | 12.74"                    | 8.48"                   | +4.26                    | 150%                 | 4th Wettest (1950-present)             |  |  |
| Jerome                        | 12.20"                    | 7.33"                   | +4.87                    | 166%                 | 5th Wettest (1897-present)             |  |  |
| McNary 2N                     | 16.86"                    | 10.81"                  | +6.05                    | 156%                 | 3rd Wettest (1933-present)             |  |  |
| Page Airport                  | 5.66"                     | 2.18"                   | +3.48                    | 259%                 | 1st Wettest (1957-present)             |  |  |
| Payson                        | 11.84"                    | 7.52"                   | +4.32                    | 157%                 | 9th Wettest (1940-present)             |  |  |
| Petrified Forest              | 5.07"                     | 5.11"                   | -0.04                    | 99%                  | 30th Wettest (1931-present)            |  |  |
| Phantom Ranch                 | 7.49"                     | 3.54"                   | +3.95                    | 211%                 | 2 <sup>nd</sup> Wettest (1935-present) |  |  |
| Prescott (City)               | 5.76"                     | 7.96"                   | -2.20                    | 72%                  | 6th Driest (1898-present)              |  |  |
| Prescott Airport              | 8.19"                     | 6.51"                   | +1.68                    | 126%                 | 15th Wettest (1948-present)            |  |  |
| Saint Johns Airport           | 5.21"                     | 5.99"                   | -0.78                    | 87%                  | 6th Wettest (1999-present)             |  |  |
| Seligman                      | 5.36"                     | 5.57"                   | -0.21                    | 96%                  | 40th Wettest (1904-present)            |  |  |
| Show Low Airport              | 9.73"                     | 7.59"                   | +2.14                    | 128%                 | 5th Wettest (1984-present)             |  |  |
| Snowflake                     | 7.69"                     | 6.13"                   | +1.56                    | 125%                 | 26th Wettest (1897-present)            |  |  |
| Springerville                 | 13.62"                    | 7.44"                   | +6.18                    | 183%                 | 3 <sup>rd</sup> Wettest (1911-present) |  |  |
| Sunset Crater Natl Mon        | 10.98"                    | 7.93"                   | +3.05                    | 138%                 | 5th Wettest (1969-present)             |  |  |
| Teec Nos Pos                  | 5.22"                     | 3.19"                   | +2.03                    | 163%                 | 3rd Wettest (1962-present)             |  |  |
| Walnut Canyon Natl Mon        | 14.64"                    | 8.15"                   | +6.49                    | 179%                 | 1st Wettest (1910-present)             |  |  |
| Window Rock                   | 7.49"                     | 5.73"                   | +1.76                    | 130%                 | 3rd Wettest (1998-present)             |  |  |
| Winslow                       | 4.84"                     | 3.23"                   | +1.61                    | 149%                 | 23rd Wettest (1893-present)            |  |  |
| Wupatki Nati Monument         | 11.46"                    | 3.89"                   | +7.57                    | 294%                 | 1st Wettest (1940-present)             |  |  |

# ...2013 WEATHER EXTREMES FOR SELECTED CITIES...

## FLAGSTAFF

| HIGHEST TEMPERATURE         | 96 ON 6/28         |  |  |  |  |
|-----------------------------|--------------------|--|--|--|--|
| LOWEST TEMPERATURE          | -10 ON 12/10       |  |  |  |  |
| DAYS MAX TEMP 90 OR ABOVE   | 6                  |  |  |  |  |
| DAYS MAX TEMP 32 OR LOWER   | 21                 |  |  |  |  |
| DAYS MIN TEMP 32 OR LOWER   | 211                |  |  |  |  |
| DAYS MIN TEMP 0 OR LOWER    | 13                 |  |  |  |  |
| WETTEST DAY                 | 1.76 INCHES ON 7/2 |  |  |  |  |
| DAYS WITH MEASURABLE PRECIP | 84                 |  |  |  |  |
| SNOWIEST DAY                | 12.3 INCHES ON 3/8 |  |  |  |  |
| MAXIMUM SNOW DEPTH          | 14 INCHES ON 3/9   |  |  |  |  |
| DAYS WITH SNOW              | 36                 |  |  |  |  |
| DAYS 1 INCH SNOW OR MORE    | 15                 |  |  |  |  |
| HIGHEST SUSTAINED WIND      | 46 MPH ON 9/26     |  |  |  |  |
| HIGHEST WIND GUST           | 64 MPH ON 9/26     |  |  |  |  |

## WINSLOW

| HIGHEST TEMPERATURE         | 107 ON 6/28          |
|-----------------------------|----------------------|
| LOWEST TEMPERATURE          | -1 ON 1/15           |
| DAYS MAX TEMP 90 OR ABOVE   | 80                   |
| DAYS MAX TEMP 32 OR LOWER   | 3                    |
| DAYS MIN TEMP 32 OR LOWER   | 140                  |
| DAYS MIN TEMP 0 OR LOWER    | 1                    |
| WETTEST DAY                 | 1.78 INCHES ON 11/22 |
| DAYS WITH MEASURABLE PRECIP | 50                   |
| HIGHEST SUSTAINED WIND      | 53 MPH ON 4/16       |
| HIGHEST WIND GUST           | 68 MPH ON 4/16       |

### PRESCOTT AIRPORT

| HIGHEST TEMPERATURE         | 104 ON 6/28         |
|-----------------------------|---------------------|
| LOWEST TEMPERATURE          | 6 ON 1/15           |
| DAYS MAX TEMP 90 OR ABOVE   | 48                  |
| DAYS MAX TEMP 32 OR LOWER   | 1                   |
| DAYS MIN TEMP 32 OR LOWER   | 114                 |
| DAYS MIN TEMP 0 OR LOWER    | 0                   |
| WETTEST DAY                 | 1.75 INCHES ON 9/10 |
| DAYS WITH MEASURABLE PRECIP | 63                  |

#### SHOW LOW AIRPORT

| HIGHEST TEMPERATURE         |     |      |    |    |       | 96  | ON   | 6/30 | )    |  |  |
|-----------------------------|-----|------|----|----|-------|-----|------|------|------|--|--|
| LOWEST TEMPERATURE          |     |      |    |    | -4    | ON  | 1/15 | 5    |      |  |  |
| DAYS                        | MAX | TEMP | 90 | OR | ABOVE | 17  |      |      |      |  |  |
| DAYS                        | MAX | TEMP | 32 | OR | LOWER | 13  |      |      |      |  |  |
| DAYS                        | MIN | TEMP | 32 | OR | LOWER | 128 |      |      |      |  |  |
| DAYS                        | MIN | TEMP | 0  | OR | LOWER | 3   |      |      |      |  |  |
| WETTEST DAY                 |     |      |    |    | 1.32  | INC | CHES | ON   | 7/16 |  |  |
| DAYS WITH MEASURABLE PRECIP |     |      |    |    |       | 79  |      |      |      |  |  |