PUBLIC INFORMATION STATEMENT
NATIONAL WEATHER SERVICE FLAGSTAFF AZ
300 PM MST FRI JAN 6 2012

...YEAR IN REVIEW FOR NORTHERN ARIZONA FOR 2011...

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

ANNUAL AVERAGE TEMPERATURES FOR 2011 WERE SLIGHTLY BELOW NORMAL FOR MOST LOCATIONS ACROSS NORTHERN ARIZONA. PRECIPITATION TOTALS FOR THE YEAR WERE ALSO CONSISTENTLY BELOW NORMAL FOR NEARLY ALL OF THE REGION. A DRIER THAN NORMAL MONSOON SEASON AFFECTED MUCH OF YAVAPAI COUNTY WHERE SOME AREAS RECEIVED AS LITTLE AS 20 PERCENT OF NORMAL RAINFALL FOR THE SEASON.

### 2011 DATA AND DEPARTURES FROM NORMAL FOR SELECTED LOCATIONS:

|                   | AVERAGE   | DEPARTURE   | PRECIP     | DEPARTURE   |
|-------------------|-----------|-------------|------------|-------------|
|                   | TEMP (F)  | FROM NORMAL | TOTAL (IN) | FROM NORMAL |
|                   |           |             |            |             |
| BAGDAD            | 59.6      | -0.3        | 9.87       | -6.84       |
| BETATAKIN         | 50.1      | -0.4        | 11.82      | -0.98       |
| BELLEMONT         | 43.5      | -0.6        | 17.50      | -1.06       |
| CANYON DE CHELLY  | 52.9      | -0.4        | 8.72       | -0.86       |
| COTTONWOOD (TUZIG | OOT) 62.7 | -0.4        | 10.44      | -2.27       |
| FLAGSTAFF AP      | 45.8      | -0.5        | 20.67      | -1.19       |
| GANADO            | 49.1      | -1.4        | 6.13       | -4.91       |
| GRAND CANYON AP   | 45.4      | -0.1        | 12.84      | -3.33       |
| OAK CREEK         | 56.9      | -0.3        | 18.34      | -10.78      |
| PAGE              | 60.0      | +0.8        | 6.15       | -2.18       |
| PRESCOTT AP       | 56.1      | +0.3        | 10.25      | -3.72       |
| PRESCOTT (WTP)    | 54.3      | -0.5        | 13.34      | -4.61       |
| SAINT JOHNS       | 53.2      | -0.7        | 7.74       | -2.76       |
| SELIGMAN          | 54.2      | -0.7        | 9.74       | -3.05       |
| WINDOW ROCK AP    | 47.4      | -0.8        | 10.84      | -1.46       |
| WINSLOW           | 55.7      | -0.3        | 6.83       | -0.18       |

#### 2011 SNOWFALL TOTALS FOR SELECTED LOCATIONS:

|                     | 2011 TOTAL(IN) | NORMAL(IN) | DEP NORM |
|---------------------|----------------|------------|----------|
| ALPINE              | 36.3           | 42.8       | -6.5     |
| BETATAKIN           | 36.8           | 43.4       | -6.6     |
| CANYON DE CHELLY    | 5.7            | 5.9        | -0.2     |
| FLAGSTAFF           | 95.8           | 103.6      | -7.8     |
| GRAND CANYON S. RIM | 52.8           | 49.6       | +3.2     |
| HAPPY JACK          | 54.9           | 87.0       | -32.1    |
| JEROME STATE PARK   | 11.3           | 7.8        | -3.5     |
| PAYSON              | 18.5           | 20.1       | -1.6     |
| PRESCOTT WTP        | 22.8           | 12.7       | +10.1    |
| SELIGMAN            | 23.0           | 9.8        | +13.2    |

# 2011 MONSOON RAINFALL TOTALS FOR SELECTED LOCATIONS:

(MONSOON SEASON JUNE 15 THROUGH SEPTEMBER 30)

| PRE                   | ECIP TOTAL (IN) | NORMAL(IN) | DEP NORM | PERCENT<br>NORMAL |
|-----------------------|-----------------|------------|----------|-------------------|
| FLAGSTAFF             | 8.43            | 8.31       | +0.12    | 101               |
| WINSLOW               | 3.88            | 3.23       | +0.65    | 120               |
| PRESCOTT AIRPORT      | 4.66            | 6.51       | -1.85    | 72                |
| PRESCOTT (CO-OP)      | 4.17            | 7.96       | -3.79    | 52                |
| CANYON DE CHELLY      | 3.18            | 3.75       | -0.57    | 85                |
| COTTONWOOD (TUZIGOOT) | 5.20            | 5.37       | -0.17    | 97                |
| PAYSON                | 7.08            | 7.52       | -0.44    | 94                |
| SHOW LOW AIRPORT      | 4.98            | 7.59       | -2.61    | 66                |
| BAGDAD                | 2.25            | 5.36       | -3.11    | 42                |
| PAGE                  | 3.12            | 2.18       | +0.94    | 143               |
| SAINT JOHNS (CO-OP)   | 5.10            | 5.63       | -0.53    | 91                |
| SELIGMAN              | 4.37            | 5.57       | -1.20    | 78                |
| BLUE RIDGE RS         | 9.42            | 8.32       | +1.10    | 113               |
| CASTLE HOT SPRINGS    | 1.00            | 4.93       | -3.93    | 20                |
| JEROME                | 7.07            | 7.33       | -0.26    | 96                |
| SPRINGERVILLE         | 9.05            | 7.44       | +1.61    | 122               |
| SUNSET CRATER NM      | 9.78            | 7.93       | +1.85    | 123               |

# ...2011 WEATHER EXTREMES FOR SELECTED CITIES...

### FLAGSTAFF

| HIGHEST TEMPERATURE         | 89 ON 6/22          |
|-----------------------------|---------------------|
| LOWEST TEMPERATURE          | -19 ON 1/1          |
| DAYS MAX TEMP 90 OR ABOVE   | 0                   |
| DAYS MAX TEMP 32 OR LOWER   | 17                  |
| DAYS MIN TEMP 32 OR LOWER   | 207                 |
| DAYS MIN TEMP 0 OR LOWER    | 9                   |
| WETTEST DAY                 | 2.33 INCHES ON 2/19 |
| DAYS WITH MEASURABLE PRECIP | 81                  |
| SNOWIEST DAY                | 13.2 INCHES ON 4/9  |
| MAXIMUM SNOW DEPTH          | 19 INCHES ON 12/14  |
| DAYS WITH SNOW              | 4 4                 |
| DAYS 1 INCH SNOW OR MORE    | 16                  |
| HIGHEST SUSTAINED WIND      | 48 MPH ON 5/29      |
| HIGHEST WIND GUST           | 64 MPH ON 5/29      |
|                             |                     |

### WINSLOW

| HIGHEST TEMPERATURE         | 103 ON 7/2         |
|-----------------------------|--------------------|
| LOWEST TEMPERATURE          | -4 ON 2/3          |
| DAYS MAX TEMP 90 OR ABOVE   | 83                 |
| DAYS MAX TEMP 32 OR LOWER   | 4                  |
| DAYS MIN TEMP 32 OR LOWER   | 137                |
| DAYS MIN TEMP 0 OR LOWER    | 1                  |
| WETTEST DAY                 | 0.63 INCHES ON 7/8 |
| DAYS WITH MEASURABLE PRECIP | 58                 |
| HIGHEST SUSTAINED WIND      | 49 MPH ON 3/21     |
| HIGHEST WIND GUST           | 64 MPH ON 5/29     |

# PRESCOTT AIRPORT

| HIGHEST TEMPERATURE         | 100 ON 7/2          |
|-----------------------------|---------------------|
| LOWEST TEMPERATURE          | 1 ON 1/1            |
| DAYS MAX TEMP 90 OR ABOVE   | 65                  |
| DAYS MAX TEMP 32 OR LOWER   | 3                   |
| DAYS MIN TEMP 32 OR LOWER   | 122                 |
| DAYS MIN TEMP 0 OR LOWER    | 0                   |
| WETTEST DAY                 | 1.05 INCHES ON 9/12 |
| DAYS WITH MEASURABLE PRECIP | 54                  |

PLEASE SEND QUESTIONS OR COMMENTS TO W-FGZ.WEBMASTER@NOAA.GOV