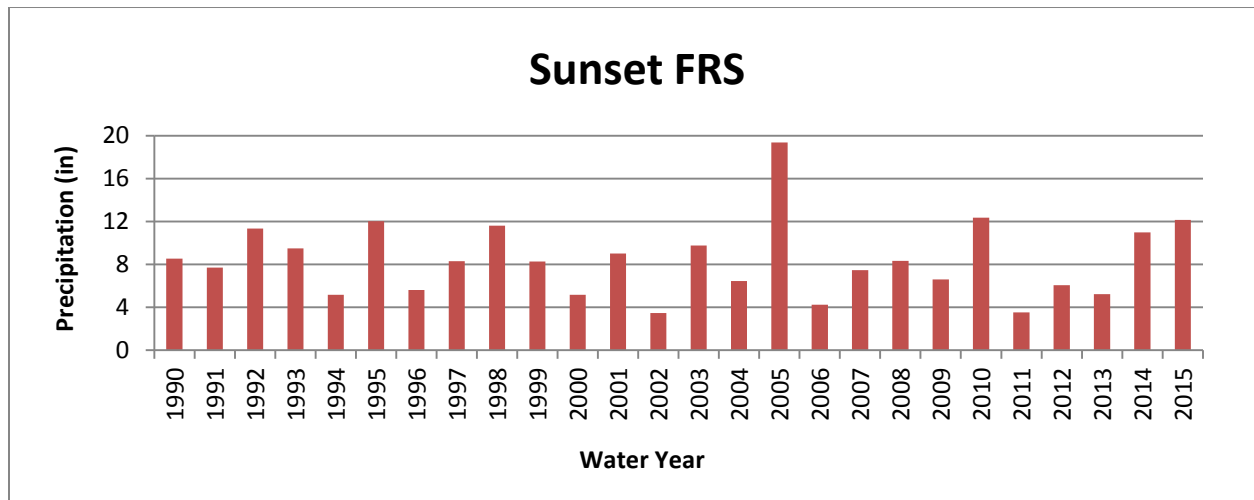




Station Name: Sunset FRS

| | |
|-----------------------------------|--|
| Station ID Number History: | 5230 since 08/10/92 3630 from 05/11/89 - 08/10/92 |
| Data Begins: | 05/11/1989 |
| Years Since Installation: | 26.39 (as of 10/01/15) |
| Data Repeater: | Yarnell Hill |
| County: | Maricopa |
| Latitude: | 33° 57' 53.7" (33.96491) |
| Longitude: | 112° 44' 32.6" (112.74238) |
| Elevation: | 2,140 ft. msl |
| Location: | 0.75 mile WSW of the US60 / US93 intersection in Wickenburg |
| Data Record: | |
| Incomplete Months: | None |
| Missing Months: | None |
| Remarks: | Records Good |



Data Statistics for Period of Record:

| | | |
|---|-------------------|------------------------|
| Number of storms greater than 1 inch in 24 hours: | 52 | |
| Number of storms greater than 2 inches in 24 hours: | 4 | |
| Number of storms greater than 3 inches in 24 hours: | 3 | |
| | | Approx. T _r |
| Greatest 15 minute total: | 0.94" on 09/09/06 | 9 years |
| Greatest 1 hour total: | 2.52" on 07/18/15 | 105 years |
| Greatest 3 hour total: | 3.03" on 07/18/15 | 114 years |
| Greatest 6 hour total: | 3.07" on 07/18/15 | 65 years |
| Greatest 24 hour total: | 3.27" on 01/21/10 | 23 years |
| Greatest 72 hour total: | 4.49" on 01/21/10 | 59 years |

Water Year Totals: (Mean of Complete Water Years [26] = 8.40 inches)

| Water Year | Total | Water Year | Total | Water Year | Total | Water Year | Total |
|------------|-------|------------|-------|------------|-------|------------|-------|
| 2020 | | 2010 | 12.36 | 2000 | 5.16 | 1990 | 8.54 |
| 2019 | | 2009 | 6.61 | 1999 | 8.27 | 1989 | M |
| 2018 | | 2008 | 8.35 | 1998 | 11.61 | 1988 | |
| 2017 | | 2007 | 7.48 | 1997 | 8.31 | 1987 | |
| 2016 | | 2006 | 4.25 | 1996 | 5.63 | 1986 | |
| 2015 | 12.17 | 2005 | 19.37 | 1995 | 12.05 | 1985 | |
| 2014 | 10.98 | 2004 | 6.46 | 1994 | 5.16 | 1984 | |
| 2013 | 5.24 | 2003 | 9.76 | 1993 | 9.49 | 1983 | |
| 2012 | 6.06 | 2002 | 3.46 | 1992 | 11.42 | 1982 | |
| 2011 | 3.54 | 2001 | 9.02 | 1991 | 7.72 | 1981 | |

M: One or more months contain partial or missing data

Design Rainfall for this Geographic Location:

Click this [link](#) for Point Precipitation Frequency Estimates (Annual Maximum Series) in Tabular and Graphical Formats from NOAA Atlas 14, Volume I, Version 5

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Sunset FRS (gage # 5230) for Water Year 2006

| DAY | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | |
|-----|------|------|------|------|------|------|------|------|------|------|------|--------------------------|------|
| 1 | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | .04 | |
| 3 | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | |
| 5 | | | | | | | | | | .08 | | | |
| 6 | | | | | | | | | | | | | |
| 7 | | | | | | | | | .04 | | | .47 | |
| 8 | | | | | | | | | .04 | | | .08 | |
| 9 | | | | | | | | | | | | 1.54 | |
| 10 | | | | | | | | | | | | | |
| 11 | | .04 | | | | .24 | | | | | .31 | | |
| 12 | | | | | | | | | | | .20 | | |
| 13 | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | .04 | |
| 15 | | | | | | | | | | .04 | | | |
| 16 | | | | | | | | | | .04 | | | |
| 17 | | | | | | | | | | | | | |
| 18 | .16 | | | | | | | | | | | | |
| 19 | | | | | | .12 | | | | | | | |
| 20 | | | | | | | | | | | | | |
| 21 | | | | | | .08 | | | | | .04 | | |
| 22 | | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | |
| 24 | | | | | | | | | | | .08 | | |
| 25 | | | | | | | | | | .08 | | | |
| 26 | | | | | | | | | | .04 | | | |
| 27 | | | | | | | | | | | | | |
| 28 | | | | | | | | | | | | | |
| 29 | | | | | ---- | | | | | | | | |
| 30 | | | | | ---- | | | | | | | | |
| 31 | | ---- | | | ---- | | ---- | | ---- | | .47 | ---- | |
| SUM | 0.16 | 0.04 | 0.00 | 0.00 | 0.00 | 0.43 | 0.00 | 0.00 | 0.08 | 0.28 | 1.10 | 2.17 | |
| ACC | 0.16 | 0.20 | 0.20 | 0.20 | 0.20 | 0.63 | 0.63 | 0.63 | 0.71 | 0.98 | 2.09 | 4.25 | |
| MAX | 0.16 | 0.04 | 0.00 | 0.00 | 0.00 | 0.24 | 0.00 | 0.00 | 0.04 | 0.08 | 0.47 | 1.54 | |
| NO. | 1 | 1 | 0 | 0 | 0 | 3 | 0 | 0 | 2 | 5 | 5 | 5 | |
| | | | | | | | | | | | | Maximum Daily Rainfall | 1.54 |
| | | | | | | | | | | | | Maximum Monthly Rainfall | 2.17 |
| | | | | | | | | | | | | Total Annual Rainfall | 4.25 |
| | | | | | | | | | | | | Number of Days with Rain | 22 |

Notes:

Annual rainfall in millimeters: 108

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Sunset FRS (gage # 5230) for Water Year 2003

| DAY | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|-----|------|-------|------|------|-------|------|-------|------|-------|------|------|-------|
| 1 | | | | | | .04 | | | | | .31 | |
| 2 | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | .39 |
| 5 | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | .24 |
| 7 | | | | | | | | | | | | |
| 8 | | | | .20 | | | | | | | | |
| 9 | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | |
| 12 | | | | | .31 | | | | | | | |
| 13 | | | | | 1.54 | | | | | | .04 | |
| 14 | | | | | .39 | | | | | | .91 | |
| 15 | | | | | | .04 | .12 | | | | .08 | |
| 16 | | | | | | .71 | | | | | | |
| 17 | | | | | | .24 | | | | | | |
| 18 | | | | | | | | | | | | |
| 19 | | | | | | | | | | | .24 | |
| 20 | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | |
| 23 | | | .04 | | | | | | | | | |
| 24 | | | | | | | | | | | | |
| 25 | | | | | 1.06 | | | | | | | |
| 26 | .55 | | | | .16 | | | | | | | |
| 27 | .20 | | | | | | | | | | .67 | |
| 28 | | | | | | | | | | .91 | | |
| 29 | | .24 | | | ----- | | | | | | | |
| 30 | | .08 | | | ----- | | | | | .08 | | |
| 31 | | ----- | | | ----- | | ----- | | ----- | | | ----- |
| SUM | 0.75 | 0.31 | 0.04 | 0.20 | 3.46 | 1.02 | 0.12 | 0.00 | 0.00 | 0.98 | 2.24 | 0.63 |
| ACC | 0.75 | 1.06 | 1.10 | 1.30 | 4.76 | 5.79 | 5.91 | 5.91 | 5.91 | 6.89 | 9.13 | 9.76 |
| MAX | 0.55 | 0.24 | 0.04 | 0.20 | 1.54 | 0.71 | 0.12 | 0.00 | 0.00 | 0.91 | 0.91 | 0.39 |
| NO. | 2 | 2 | 1 | 1 | 5 | 4 | 1 | 0 | 0 | 2 | 6 | 2 |

Maximum Daily Rainfall 1.54
Maximum Monthly Rainfall 3.46
Total Annual Rainfall 9.76
Number of Days with Rain 26

Notes:

Total annual rainfall in millimeters: 248

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Sunset FRS (gage # 5230) for Water Year 2000

| DAY | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|-----|------|------|------|------|------|------|------|------|------|------|--------------------------|------|
| 1 | | | | | | | | | | | | |
| 2 | | | | .08 | | | | | | | | |
| 3 | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | |
| 5 | | | | | | .83 | | | | | | |
| 6 | | | | | | .31 | | | | | .20 | |
| 7 | | | | | | .28 | | | | | | |
| 8 | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | | | | | ---- | | | |
| 17 | | | | | | | | | ---- | | | |
| 18 | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | |
| 20 | | | | | | | | | | ---- | | |
| 21 | | | | | .63 | | | | | ---- | | |
| 22 | | | | | | | | | .08 | ---- | | |
| 23 | | | | | | | | | .12 | ---- | | |
| 24 | | | | | .04 | | | | | | | |
| 25 | | | | | | | | | | | .04 | |
| 26 | | | | | | | | | | | | |
| 27 | | | | | | | | | | | 1.18 | |
| 28 | | | | | | | | | | | | |
| 29 | | | | | | | | | | | 1.30 | |
| 30 | | | | | ---- | | | | | | | |
| 31 | | ---- | | | ---- | .08 | ---- | | ---- | | | ---- |
| SUM | 0.00 | 0.00 | 0.00 | 0.08 | 0.67 | 1.50 | 0.00 | 0.00 | 0.20 | 0.00 | 2.72 | 0.00 |
| ACC | 0.00 | 0.00 | 0.00 | 0.08 | 0.75 | 2.24 | 2.24 | 2.24 | 2.44 | 2.44 | 5.16 | 5.16 |
| MAX | 0.00 | 0.00 | 0.00 | 0.08 | 0.63 | 0.83 | 0.00 | 0.00 | 0.12 | 0.00 | 1.30 | 0.00 |
| NO. | 0 | 0 | 0 | 1 | 2 | 4 | 0 | 0 | 2 | 0 | 4 | 0 |
| | | | | | | | | | | | Maximum Daily Rainfall | 1.30 |
| | | | | | | | | | | | Maximum Monthly Rainfall | 2.72 |
| | | | | | | | | | | | Total Annual Rainfall | 5.16 |
| | | | | | | | | | | | Number of Days with Rain | 13 |

Notes:

Annual rainfall in millimeters: 131 Total down-time: 7.46 days
 Gage 5230 down from 6/15 10:05 (57) through 6/18 10:06 (57) due to battery failure; no rain fell.
 Gage 5230 down from 7/19 22:05 (62) through 7/24 09:04 (62) due to battery failure; no rain fell.

