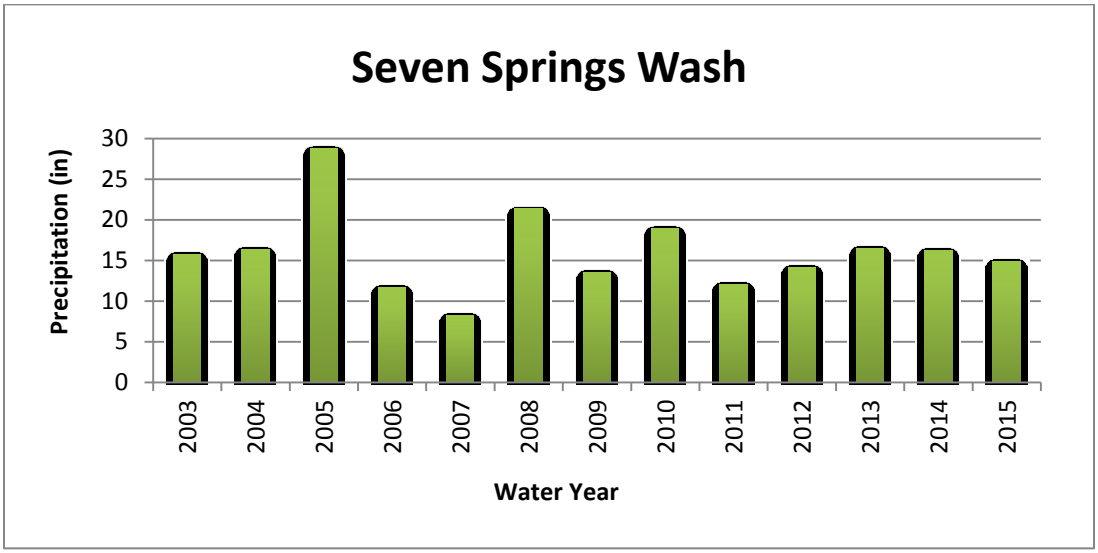
# Station Name: Seven Springs Wash

| | |
|---|---|
| **Station ID Number History:** | **4960** since 03/12/2002 |
| **Data Begins:** | 03/12/2002 |
| **Years Since Installation:** | 13.56 (as of 10/01/15) |
| **Data Repeater:** | Humboldt Mtn. |
| **County:** | Maricopa |
| **Latitude:** | 33º 57’ 37.3” (33.96035) |
| **Longitude:** | 111º 50’ 37.0” (111.84361) |
| **Elevation:** | 3,530 ft. msl |
| **Location:** | 11 miles NE of Cave Creek |
| **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: | 55 | |
| Number of storms greater than 2 inches in 24 hours: | 16 | |
| Number of storms greater than 3 inches in 24 hours: | 3 | |
| | | Approx. $T_r$ |
| Greatest 15 minute total: | 1.26" on 09/07/12 | 25 years |
| Greatest 1 hour total: | 2.05" on 07/14/08 | 23 years |
| Greatest 3 hour total: | 2.17" on 07/29/06 | 14 years |
| Greatest 6 hour total: | 2.60" on 08/19/14 | 21 years |
| Greatest 24 hour total: | 5.39" on 01/21/10 | 53 years |
| Greatest 72 hour total: | 7.79" on 01/21/10 | 79 years |

**Water Year Totals: (Mean of Complete Water Years [13] = 16.01 inches)**

| Water Year | Total | Water Year | Total |
|---|---|---|---|
| 2020 | | 2010 | 18.94 |
| 2019 | | 2009 | 13.50 |
| 2018 | | 2008 | 21.34 |
| 2017 | | 2007 | 8.23 |
| 2016 | | 2006 | 11.65 |
| 2015 | 14.80 | 2005 | 28.78 |
| 2014 | 16.18 | 2004 | 16.38 |
| 2013 | 16.46 | 2003 | 15.75 |
| 2012 | 14.13 | 2002 | M |
| 2011 | 12.05 | 2001 | |

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 Seven Springs Wash (gage # 4960) for Water Year 2015

| DAY | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | .04 | | .16 | | | | | | |
| 2 | | | | | | .67 | | | | | | |
| 3 | | | .12 | | | | | | | | | |
| 4 | | | .87 | | | | | .91 | | | | |
| 5 | | | | | | | | .08 | .47 | | | |
| 6 | | | | | | | | | .08 | | | |
| 7 | | | | | | | | | | | .20 | |
| 8 | .63 | | | | | | | .12 | | | .04 | |
| 9 | .20 | | | | | | | | | | | |
| 10 | | | | .04 | | | | | | | | |
| 11 | | | | .08 | | | | | ---- | | .51 | |
| 12 | | | | .04 | | | | | ---- | | | |
| 13 | | | .51 | .28 | | | | | | | | |
| 14 | | | .04 | | | | | | | | | .04 |
| 15 | | | | | | | | .75 | | | | |
| 16 | | | | | | | | .35 | | | | |
| 17 | | | .20 | | | | | | | | | |
| 18 | | | .16 | | | | | | | .04 | | |
| 19 | | | | | | .91 | | | | .28 | | |
| 20 | | | | | | .04 | | | | | | |
| 21 | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | |
| 23 | | | | | .28 | | | | | | .31 | |
| 24 | | | | | .08 | | .31 | | | | | |
| 25 | | | | | | | .24 | | | | .04 | |
| 26 | | | | .24 | | | .12 | | | | | |
| 27 | | | | .04 | | | | | | | | |
| 28 | | | | | .59 | | | | | | | |
| 29 | | | | .12 | ---- | | | | | | | |
| 30 | | | | 1.42 | ---- | | | | .16 | | | |
| 31 | | ---- | .75 | .08 | ---- | | ---- | | ---- | .51 | .71 | ---- |
| SUM | 0.83 | 0.00 | 2.64 | 2.36 | 0.94 | 1.77 | 0.67 | 2.20 | 0.71 | 0.83 | 1.81 | 0.04 |
| ACC | 0.83 | 0.83 | 3.46 | 5.83 | 6.77 | 8.54 | 9.21 | 11.42 | 12.13 | 12.95 | 14.76 | 14.80 |
| MAX | 0.63 | 0.00 | 0.87 | 1.42 | 0.59 | 0.91 | 0.31 | 0.91 | 0.47 | 0.51 | 0.71 | 0.04 |
| NO. | 2 | 0 | 7 | 10 | 3 | 4 | 3 | 5 | 3 | 3 | 6 | 1 |

| | |
|---|---|
| Maximum Daily Rainfall | 1.42 |
| Maximum Monthly Rainfall | 2.64 |
| Total Annual Rainfall | 14.80 |
| Number of Days with Rain | 47 |

Gage 4960 down from 6/10 17:33 (304) through 6/13 23:33 (304) due to data collision; no rain fell.

**Flood Control District of Maricopa County ALERT System**

Daily Rainfall at Seven Springs Wash (gage # 4960) for Water Year 2014

| DAY | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | 2.01 | | | | | | |
| 2 | | | | | .04 | | .04 | | | | .59 | |
| 3 | | | | | | | | | | .39 | .04 | |
| 4 | | | | | | | | | | .04 | | |
| 5 | | | | | | | | | | | | |
| 6 | | | | | | | | | | .16 | | .20 |
| 7 | | | | | | | | | | | | |
| 8 | | | .04 | | | | | | | .04 | | 1.97 |
| 9 | | | | | | | | | | .47 | | .31 |
| 10 | .20 | | | | | | | | | | | |
| 11 | | | | | | | | | | | | |
| 12 | | | | | | | | | | | .12 | |
| 13 | | | | | | | | | | | .20 | |
| 14 | | | | | | | | | | .04 | | |
| 15 | | | | | | | | | | .63 | .04 | |
| 16 | | | | | | | | | | .16 | | .04 |
| 17 | | | | | | | | | | | .08 | .08 |
| 18 | | | | | | | | | | | | |
| 19 | | | .08 | | | | | | | | 2.91 | .04 |
| 20 | | | .43 | | | | | | | | | |
| 21 | | .24 | | | | | | | | | .51 | |
| 22 | | 1.65 | | | | | | | | | | |
| 23 | | .47 | | | | | | | | | | |
| 24 | | .04 | | | | | | | | .08 | | |
| 25 | | | | | | | | | | | | |
| 26 | | | | | | | .12 | | | .71 | | |
| 27 | | | | | | | | | | | | .71 |
| 28 | | | | | .04 | | | | | | | .24 |
| 29 | | | | | ---- | | | | | | | |
| 30 | | | | | ---- | | | | | | | |
| 31 | | ---- | | | ---- | | ---- | | ---- | | | ---- |
| SUM | 0.20 | 2.40 | 0.55 | 0.00 | 0.08 | 2.01 | 0.16 | 0.00 | 0.00 | 2.72 | 4.49 | 3.58 |
| ACC | 0.20 | 2.60 | 3.15 | 3.15 | 3.23 | 5.24 | 5.39 | 5.39 | 5.39 | 8.11 | 12.60 | 16.18 |
| MAX | 0.20 | 1.65 | 0.43 | 0.00 | 0.04 | 2.01 | 0.12 | 0.00 | 0.00 | 0.71 | 2.91 | 1.97 |
| NO. | 1 | 4 | 3 | 0 | 2 | 1 | 2 | 0 | 0 | 10 | 8 | 8 |

| | |
|---|---|
| Maximum Daily Rainfall | 2.91 |
| Maximum Monthly Rainfall | 4.49 |
| Total Annual Rainfall | 16.18 |
| Number of Days with Rain | 39 |

**Flood Control District of Maricopa County ALERT System**

Daily Rainfall at Seven Springs Wash (gage # 4960) for Water Year 2013

| DAY | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | |
| 3 | | | | | .04 | | | | | | | |
| 4 | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | |
| 6 | | | | | | | | | | | .04 | |
| 7 | | | | | | | | | | | .28 | |
| 8 | | .04 | | | | 1.50 | .20 | | | | | .55 |
| 9 | | .51 | | | .12 | .47 | .12 | | | | | 1.38 |
| 10 | | .04 | | | | | | | | | | .24 |
| 11 | .43 | | | | | | | | | | | |
| 12 | .35 | | | | | | | | | | | |
| 13 | | | .31 | | | | | | | | | |
| 14 | | | .98 | | | | | | | | | |
| 15 | | | .91 | | | | | | | | | |
| 16 | | | | | | | | | | .08 | .59 | |
| 17 | | | | | | | | | | | | |
| 18 | | | .35 | | | | | | | | | |
| 19 | | | .12 | | | | | | | .39 | | |
| 20 | | | | | .55 | | | | | .12 | | |
| 21 | | | | | .20 | | | | | .12 | .04 | |
| 22 | | | | | | | | | | .04 | | |
| 23 | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | |
| 25 | | | | .08 | | | | | | | .04 | |
| 26 | | | | 1.97 | | | | | | 1.42 | .28 | |
| 27 | | | | .83 | | | | | | .04 | | |
| 28 | | | | .20 | | | | | | | | |
| 29 | | | | | ---- | | | | | | | |
| 30 | | | .04 | | ---- | | | | | | .43 | |
| 31 | | ---- | .04 | | ---- | | ---- | | ---- | | | ---- |
| SUM | 0.79 | 0.59 | 2.76 | 3.07 | 0.91 | 1.97 | 0.31 | 0.00 | 0.00 | 2.20 | 1.69 | 2.17 |
| ACC | 0.79 | 1.38 | 4.13 | 7.20 | 8.11 | 10.08 | 10.39 | 10.39 | 10.39 | 12.60 | 14.29 | 16.46 |
| MAX | 0.43 | 0.51 | 0.98 | 1.97 | 0.55 | 1.50 | 0.20 | 0.00 | 0.00 | 1.42 | 0.59 | 1.38 |
| NO. | 2 | 3 | 7 | 4 | 4 | 2 | 2 | 0 | 0 | 7 | 7 | 3 |

| | |
|---|---|
| Maximum Daily Rainfall | 1.97 |
| Maximum Monthly Rainfall | 3.07 |
| Total Annual Rainfall | 16.46 |
| Number of Days with Rain | 41 |

## Flood Control District of Maricopa County ALERT System

Daily Rainfall at Seven Springs Wash (gage # 4960) for Water Year 2012

| DAY | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | | | | |
| 2 | .08 | | .04 | | | | | | | | | |
| 3 | | | .16 | | | | | | | | | |
| 4 | .51 | .91 | | | | | | | | | | .04 |
| 5 | | .94 | .08 | | | | | | | | .04 | |
| 6 | .24 | | | | | | | | | | .08 | |
| 7 | | .59 | | | | | | | | | | 1.97 |
| 8 | | .08 | | | | | | | | | | |
| 9 | | | | | | | | | | | | .04 |
| 10 | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | .08 |
| 12 | | | 1.89 | | | | | | | | | |
| 13 | | .51 | .79 | | | | | | | | .08 | |
| 14 | | | .20 | | | | .24 | | | .08 | .04 | |
| 15 | | | | | | | | | | .12 | | |
| 16 | | | | .04 | | | | | | | .83 | |
| 17 | | | | | | | | | | | | |
| 18 | | | .16 | | | 1.30 | | | | | | |
| 19 | | | | | | .12 | | | | | | |
| 20 | | | | | | .04 | | | | | | |
| 21 | | .04 | | | | | | | | | .08 | |
| 22 | | | | | | | | | | | .04 | |
| 23 | | | | | | | | | | | .59 | |
| 24 | | | | | | | | | | | .35 | |
| 25 | .08 | | | | | | | | | | | |
| 26 | | | | | | | .39 | | | | | |
| 27 | | | | | | | | | | | | |
| 28 | | | | | .12 | | | | | .08 | | |
| 29 | | | | | | | | | | .08 | | |
| 30 | | | | | ---- | | | | | | | |
| 31 | | ---- | | | ---- | | ---- | | ---- | | | ---- |
| SUM | 0.91 | 3.07 | 3.31 | 0.04 | 0.12 | 1.46 | 0.63 | 0.00 | 0.00 | 0.35 | 2.13 | 2.13 |
| ACC | 0.91 | 3.98 | 7.28 | 7.32 | 7.44 | 8.90 | 9.53 | 9.53 | 9.53 | 9.89 | 12.01 | 14.13 |
| MAX | 0.51 | 0.94 | 1.89 | 0.04 | 0.12 | 1.30 | 0.39 | 0.00 | 0.00 | 0.12 | 0.83 | 1.97 |
| NO. | 4 | 6 | 7 | 1 | 1 | 3 | 2 | 0 | 0 | 4 | 9 | 4 |

| | |
|---|---|
| Maximum Daily Rainfall | 1.97 |
| Maximum Monthly Rainfall | 3.31 |
| Total Annual Rainfall | 14.13 |
| Number of Days with Rain | 41 |

## Flood Control District of Maricopa County ALERT System

Daily Rainfall at Seven Springs Wash (gage # 4960) for Water Year 2011

| DAY | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | | | .04 | |
| 2 | | | | | | | | | | | | |
| 3 | | | | | | | | | | | .04 | |
| 4 | .12 | | | | | | | | | .04 | | |
| 5 | 1.18 | | | | | | | | | .24 | | |
| 6 | .08 | | | | | | | | | | | |
| 7 | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | |
| 9 | | | | | | | .47 | | | | | |
| 10 | | | | | | | .08 | | | | | .75 |
| 11 | | | | | | | | | | .79 | | |
| 12 | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | .35 | | | | | | | | | |
| 17 | | | | | | | | | | | | |
| 18 | | | .04 | | | | | .04 | | | | |
| 19 | | | | | .94 | | | | | | | |
| 20 | | | | | .59 | | | | | | | |
| 21 | .43 | .24 | .16 | | | .43 | | | | | | |
| 22 | | | .63 | | | .04 | | | | | | |
| 23 | | | .24 | | | | | | | | | |
| 24 | | | | | | | | | | .20 | | |
| 25 | | | | | | | | | | .04 | | |
| 26 | | | | | | | | | | | | |
| 27 | | | | | .63 | | | | | | | |
| 28 | | | | | | | | | | | | |
| 29 | | | 1.57 | | ---- | | | | | | | |
| 30 | | | .39 | | ---- | | | | | 1.14 | | |
| 31 | | ---- | .04 | | ---- | | ---- | | ---- | .08 | | ---- |
| SUM | 1.81 | 0.24 | 3.43 | 0.00 | 2.17 | 0.47 | 0.55 | 0.04 | 0.00 | 2.52 | 0.08 | 0.75 |
| ACC | 1.81 | 2.05 | 5.47 | 5.47 | 7.64 | 8.11 | 8.66 | 8.70 | 8.70 | 11.22 | 11.30 | 12.05 |
| MAX | 1.18 | 0.24 | 1.57 | 0.00 | 0.94 | 0.43 | 0.47 | 0.04 | 0.00 | 1.14 | 0.04 | 0.75 |
| NO. | 4 | 1 | 8 | 0 | 3 | 2 | 2 | 1 | 0 | 7 | 2 | 1 |

| | |
|---|---|
| Maximum Daily Rainfall | 1.57 |
| Maximum Monthly Rainfall | 3.43 |
| Total Annual Rainfall | 12.05 |
| Number of Days with Rain | 31 |

Annual Total (mm): 306 Days Down: 0

## Flood Control District of Maricopa County ALERT System

Daily Rainfall at Seven Springs Wash (gage # 4960) for Water Year 2010

| DAY | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | |
| 6 | | | | | .12 | .12 | | | | | | |
| 7 | | | 2.60 | | .31 | .87 | | | | | .20 | |
| 8 | ---- | | .04 | | | .08 | | | | | | |
| 9 | | | | | | .39 | | | | | | |
| 10 | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | |
| 13 | | | .04 | .04 | | | | | | | | |
| 14 | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | | | | | | | .04 | |
| 17 | | | | | | | | | | | 1.02 | |
| 18 | | | | .04 | | | | | | | | |
| 19 | | | | 1.69 | | | | | | | | |
| 20 | | | | .39 | .43 | | | | | | | |
| 21 | | | | 5.19 | .83 | | | | | | | |
| 22 | | | .08 | 1.03 | .31 | | | | | .59 | .16 | .04 |
| 23 | | | | .20 | | | | | | .31 | | |
| 24 | | | | | | | | | | .28 | | |
| 25 | | | | | | | | | | | | |
| 26 | | | | | | | | | | | | |
| 27 | | | | .12 | .04 | | | | | | | |
| 28 | | .08 | | | .59 | | | | | .08 | .08 | |
| 29 | | .12 | | .31 | ---- | | | | | .04 | | |
| 30 | | | | | ---- | | | | | | | |
| 31 | | ---- | | | ---- | | ---- | | ---- | .04 | | ---- |
| SUM | 0.00 | 0.20 | 2.75 | 9.02 | 2.64 | 1.46 | 0.00 | 0.00 | 0.00 | 1.34 | 1.50 | 0.04 |
| ACC | 0.00 | 0.20 | 2.95 | 11.97 | 14.61 | 16.06 | 16.06 | 16.06 | 16.06 | 17.40 | 18.90 | 18.94 |
| MAX | 0.00 | 0.12 | 2.60 | 5.19 | 0.83 | 0.87 | 0.00 | 0.00 | 0.00 | 0.59 | 1.02 | 0.04 |
| NO. | 0 | 2 | 4 | 9 | 7 | 4 | 0 | 0 | 0 | 6 | 5 | 1 |

| | |
|---|---|
| Maximum Daily Rainfall | 5.19 |
| Maximum Monthly Rainfall | 9.02 |
| Total Annual Rainfall | 18.94 |
| Number of Days with Rain | 38 |

**Notes:**

Annual rainfall in millimeters: 481
Gage 4960 down from 10/07 09:52 (0) through 10/09 21:52 (0); failure not documented; no rain fell.

## Flood Control District of Maricopa County ALERT System

Daily Rainfall at Seven Springs Wash (gage # 4960) for Water Year 2009

| DAY | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | .12 |
| 4 | | | | .20 | | | | | | | | |
| 5 | | | | .04 | | | | | | | | .04 |
| 6 | | | | | | | | | | | | |
| 7 | | | | | .12 | | | | | | | |
| 8 | | | .08 | | .94 | | | | | | | .94 |
| 9 | | | | ---- | 1.46 | | | | | | | |
| 10 | | | | ---- | .04 | | | | | | | .12 |
| 11 | | | | | | | .79 | | | | | |
| 12 | | | | | | | | | | | | |
| 13 | | | | | | | | | | | .16 | |
| 14 | | | .08 | | | | | | | | | |
| 15 | | | .08 | | | | | | | .04 | | |
| 16 | | | 1.26 | | | | | | | | | |
| 17 | | | .28 | | .35 | | | | | | | |
| 18 | | | .55 | | | | | | | | | |
| 19 | | | | | | | | | | | | |
| 20 | | | | | | | | | | .08 | | |
| 21 | | | | | | | | .31 | | | | |
| 22 | | | .31 | .35 | | | | .55 | | .20 | | |
| 23 | | | .04 | .12 | | | | | | | | |
| 24 | | | .04 | .08 | | | | | | .59 | | |
| 25 | | | 1.10 | | | | | | | .04 | | |
| 26 | | .79 | .39 | | | | | | | ---- | | |
| 27 | | .75 | | | | | | | | ---- | | |
| 28 | | | | | | | | | | | | |
| 29 | | .08 | | | ---- | | | | | | | |
| 30 | | | | | ---- | | | | | | | |
| 31 | | ---- | | | ---- | | ---- | | ---- | | | ---- |
| SUM | 0.00 | 1.61 | 4.21 | 0.79 | 2.91 | 0.00 | 0.79 | 0.87 | 0.00 | 0.94 | 0.16 | 1.22 |
| ACC | 0.00 | 1.61 | 5.83 | 6.61 | 9.53 | 9.53 | 10.31 | 11.18 | 11.18 | 12.13 | 12.28 | 13.50 |
| MAX | 0.00 | 0.79 | 1.26 | 0.35 | 1.46 | 0.00 | 0.79 | 0.55 | 0.00 | 0.59 | 0.16 | 0.94 |
| NO. | 0 | 3 | 11 | 5 | 5 | 0 | 1 | 2 | 0 | 5 | 1 | 4 |

| | |
|---|---|
| Maximum Daily Rainfall | 1.46 |
| Maximum Monthly Rainfall | 4.21 |
| Total Annual Rainfall | 13.50 |
| Number of Days with Rain | 37 |

## Notes:

Annual rainfall in millimeters: 343 Total down-time: 5.57 days

Gage 4960 down from 1/08 20:28 (154) through 1/11 14:28 (154) due to data collision; no rain fell.

Gage 4960 down from 7/25 16:28 (307) through 7/28 09:50 (307) due to repeater failure; no rain fell.

## Flood Control District of Maricopa County ALERT System

Daily Rainfall at Seven Springs Wash (gage # 4960) for Water Year 2008

| DAY | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 2.17 | | | | | | | | | |
| 2 | | | | | | | | | | | | |
| 3 | | | | | .12 | | | | | | | |
| 4 | | | | | .59 | | | | | | | |
| 5 | | | | .16 | | | | | | | .39 | |
| 6 | | | | .39 | | | | | | | .04 | |
| 7 | | | 1.02 | 1.42 | .04 | | | | | .24 | .08 | |
| 8 | | | .67 | .04 | | | | | | | | |
| 9 | | | .12 | | | | | | | | | .24 |
| 10 | | | .71 | | | | | | | .20 | | .55 |
| 11 | | | | | | | | | | .12 | | |
| 12 | | | | | | | | | | .08 | | |
| 13 | | | .04 | | | | | | | .24 | | |
| 14 | | | | | | | | | | 2.20 | .24 | |
| 15 | | | | | .08 | | | | | .04 | .04 | |
| 16 | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | |
| 18 | | | | | | | | | | | .08 | |
| 19 | | | | | | | | | | | | |
| 20 | | | | | .20 | | | | | | | |
| 21 | | | | | | | | | | | | |
| 22 | | | | | .24 | | | | | | | |
| 23 | | | | | | | | .31 | | | | |
| 24 | | | | .35 | | | | .04 | | | .08 | |
| 25 | | | | | | | | | | | .79 | |
| 26 | | | | | | | | | | | .24 | |
| 27 | | | | 3.27 | | | | | | | | .12 |
| 28 | | | | .39 | | | | | | | | |
| 29 | | | | | | | | | | | | |
| 30 | | 2.68 | | .04 | ---- | | | | | | | |
| 31 | | ---- | | | ---- | | ---- | | ---- | | .28 | ---- |
| SUM | 0.00 | 2.68 | 4.72 | 6.06 | 1.26 | 0.00 | 0.00 | 0.35 | 0.00 | 3.11 | 2.24 | 0.91 |
| ACC | 0.00 | 2.68 | 7.40 | 13.46 | 14.72 | 14.72 | 14.72 | 15.08 | 15.08 | 18.19 | 20.43 | 21.34 |
| MAX | 0.00 | 2.68 | 2.17 | 3.27 | 0.59 | 0.00 | 0.00 | 0.31 | 0.00 | 2.20 | 0.79 | 0.55 |
| NO. | 0 | 1 | 6 | 8 | 6 | 0 | 0 | 2 | 0 | 7 | 10 | 3 |

| | |
|---|---|
| Maximum Daily Rainfall | 3.27 |
| Maximum Monthly Rainfall | 6.06 |
| Total Annual Rainfall | 21.34 |
| Number of Days with Rain | 43 |

**Notes:**

Annual rainfall in millimeters: 542

Total down-time: 0.00 days

## Flood Control District of Maricopa County ALERT System

Daily Rainfall at Seven Springs Wash (gage # 4960) for Water Year 2007

| DAY | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | .08 | | | | | | .04 | .12 |
| 2 | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | |
| 4 | | | | | | | | | | | .04 | |
| 5 | | | | .08 | | | | | | | .08 | |
| 6 | .12 | | | | | | | | | | | |
| 7 | | | | | | | | | | | | |
| 8 | .12 | | | | | | | | | | | |
| 9 | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | |
| 11 | | | | | .35 | | | | .08 | | | |
| 12 | | | | .08 | .04 | | .08 | | | | | |
| 13 | | | | | | | .04 | | | | | |
| 14 | .94 | | | | .08 | | | | | | .04 | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | .12 |
| 17 | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | |
| 19 | | | | .47 | .59 | | | | | | | |
| 20 | | | | .12 | | | | | | | | .08 |
| 21 | | | | .08 | | | | | | .28 | | |
| 22 | | | | | | .59 | | | | | | .43 |
| 23 | | | | | .08 | .04 | | | ---- | .16 | | .04 |
| 24 | | | | | | .12 | | | ---- | .04 | | |
| 25 | | | | | | | | | | | | |
| 26 | | | | | | | | | | | | |
| 27 | | | .04 | | | | | | | | | |
| 28 | | | .47 | | | | | | | .04 | | |
| 29 | | | .04 | | ---- | | .28 | | | | .20 | |
| 30 | | | | .04 | ---- | | | | | .35 | .04 | |
| 31 | | ---- | | .79 | ---- | | ---- | | ---- | .28 | .04 | ---- |
| SUM | 1.18 | 0.00 | 0.55 | 1.65 | 1.22 | 0.75 | 0.39 | 0.00 | 0.08 | 1.14 | 0.47 | 0.79 |
| ACC | 1.18 | 1.18 | 1.73 | 3.39 | 4.61 | 5.35 | 5.75 | 5.75 | 5.83 | 6.97 | 7.44 | 8.23 |
| MAX | 0.94 | 0.00 | 0.47 | 0.79 | 0.59 | 0.59 | 0.28 | 0.00 | 0.08 | 0.35 | 0.20 | 0.43 |
| NO. | 3 | 0 | 3 | 7 | 6 | 3 | 3 | 0 | 1 | 6 | 7 | 5 |

| | |
|---|---|
| Maximum Daily Rainfall | 0.94 |
| Maximum Monthly Rainfall | 1.65 |
| Total Annual Rainfall | 8.23 |
| Number of Days with Rain | 44 |

**Notes:**

Annual rainfall in millimeters: 209 Total down-time: 3.12 days

Gage 4960 down from 6/22 10:06 (148) through 6/25 12:55 (148) for unknown reason; no rain fell.

## Flood Control District of Maricopa County ALERT System

Daily Rainfall at Seven Springs Wash (gage # 4960) for Water Year 2006

| DAY | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | .20 |
| 3 | | | | | | | | | | | | 1.02 |
| 4 | | | | | | | | | | | | |
| 5 | | | | | | | .24 | | | | | |
| 6 | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | .12 |
| 8 | .04 | | | | | | | | | | .20 | .04 |
| 9 | | | | | | | | | | | | .75 |
| 10 | | | | | | | | | | | 1.14 | |
| 11 | | .55 | | | | .75 | | | | | | |
| 12 | | | | | | .63 | | | | | .20 | |
| 13 | | | | | | | | | | | .24 | |
| 14 | | | | | | | | | | | .04 | .31 |
| 15 | | | | | | | | | | .28 | | |
| 16 | | | | | | | | | | | | |
| 17 | .39 | | | | | | | | | | | |
| 18 | .55 | | | | | | | | | | | |
| 19 | | | | | | .31 | | | | | | |
| 20 | | | | | | .04 | | | | .12 | | |
| 21 | | | | | | .20 | | | | | | |
| 22 | | | | | | | | | | | .24 | |
| 23 | | | | | | | | | | | .08 | |
| 24 | | | | | | | | | | | .31 | .08 |
| 25 | | | | | | | | | | .08 | | |
| 26 | | | | | | | | | .12 | | | |
| 27 | | | | | | | | | | .04 | | |
| 28 | | | | | | .04 | | | | | | |
| 29 | | | | | ---- | | | | | 1.89 | | |
| 30 | | | | | ---- | | | | .04 | .35 | | |
| 31 | | ---- | | | ---- | | ---- | | ---- | | .04 | ---- |
| SUM | 0.98 | 0.55 | 0.00 | 0.00 | 0.00 | 1.97 | 0.24 | 0.00 | 0.16 | 2.76 | 2.48 | 2.52 |
| ACC | 0.98 | 1.54 | 1.54 | 1.54 | 1.54 | 3.50 | 3.74 | 3.74 | 3.90 | 6.65 | 9.13 | 11.65 |
| MAX | 0.55 | 0.55 | 0.00 | 0.00 | 0.00 | 0.75 | 0.24 | 0.00 | 0.12 | 1.89 | 1.14 | 1.02 |
| NO. | 3 | 1 | 0 | 0 | 0 | 6 | 1 | 0 | 2 | 6 | 9 | 7 |

| | |
|---|---|
| Maximum Daily Rainfall | 1.89 |
| Maximum Monthly Rainfall | 2.76 |
| Total Annual Rainfall | 11.65 |
| Number of Days with Rain | 35 |

**Notes:**

Annual rainfall in millimeters: 296

Total down-time: 0.00 days

## Flood Control District of Maricopa County ALERT System

Daily Rainfall at Seven Springs Wash (gage # 4960) for Water Year 2005

| DAY | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | .04 | | | | | .12 | |
| 2 | | | | | | | | | | | | |
| 3 | | | | 1.50 | | | | | | | .08 | 1.57 |
| 4 | | | .43 | 1.54 | | | | | | | | |
| 5 | | | .16 | .08 | | .35 | | | | | .28 | |
| 6 | | | .63 | | .20 | | | | | | | |
| 7 | | .20 | | | .28 | | | | | | .20 | |
| 8 | | .31 | | | | | | | | | .63 | .16 |
| 9 | | .04 | | | .04 | | | | | | .16 | |
| 10 | | | | | .35 | | | | | | | |
| 11 | | | | .47 | 2.56 | | | | | | .28 | |
| 12 | | | | | .91 | | | | | | | |
| 13 | | | | | | | | | | | | |
| 14 | | | | | .04 | | | | | | | |
| 15 | | .04 | | | | | | | | | | |
| 16 | | | | | | | | | | | | |
| 17 | | | | | .24 | | | | | | | |
| 18 | | | | | .55 | | | | | | | |
| 19 | | | | | .98 | .12 | | | | | .08 | |
| 20 | | | | | .28 | .24 | | | | .12 | | |
| 21 | .91 | .67 | | | .31 | | | | | .04 | | |
| 22 | | .28 | | | .43 | | | | | .04 | | |
| 23 | | | | | | | .87 | | | 1.22 | | |
| 24 | | | | .08 | .16 | | .20 | | | | | |
| 25 | | | | | | .08 | | | | | | |
| 26 | | | | .98 | | | | | | .16 | | |
| 27 | .20 | | | .67 | | | | | | .39 | | |
| 28 | .94 | | .39 | | | | | | | .04 | | |
| 29 | | | 2.32 | .28 | ----- | | | | | .35 | | |
| 30 | | | .04 | | ----- | | | | | .20 | | |
| 31 | | ----- | | | ----- | | ----- | | ----- | .31 | | ----- |
| SUM | 2.05 | 1.54 | 3.98 | 5.59 | 7.32 | 0.83 | 1.06 | 0.00 | 0.00 | 2.87 | 1.81 | 1.73 |
| ACC | 2.05 | 3.58 | 7.56 | 13.15 | 20.47 | 21.30 | 22.36 | 22.36 | 22.36 | 25.24 | 27.05 | 28.78 |
| MAX | 0.94 | 0.67 | 2.32 | 1.54 | 2.56 | 0.35 | 0.87 | 0.00 | 0.00 | 1.22 | 0.63 | 1.57 |
| NO. | 3 | 6 | 6 | 8 | 14 | 5 | 2 | 0 | 0 | 10 | 8 | 2 |

| | |
|---|---|
| Maximum Daily Rainfall | 2.56 |
| Maximum Monthly Rainfall | 7.32 |
| Total Annual Rainfall | 28.78 |
| Number of Days with Rain | 64 |

**Notes:**

Annual rainfall in millimeters: 731

Total down-time: 0.00 days

## Flood Control District of Maricopa County ALERT System

Daily Rainfall at Seven Springs Wash (gage # 4960) for Water Year 2004

| DAY | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | .08 | | | | | .08 | | | | | |
| 2 | | .04 | | | | | 1.65 | | | | | |
| 3 | | | | .31 | .16 | | | | | | | |
| 4 | | | | .04 | .04 | .91 | | | | | | .24 |
| 5 | | | | | | .51 | .12 | | | | | |
| 6 | | | | | | | | | | | .04 | |
| 7 | | | | | | | .12 | | | | .55 | |
| 8 | | | .08 | | | | | | | | | |
| 9 | | | | | | | | | | | .12 | |
| 10 | .59 | | ----- | | | | | | | | .28 | |
| 11 | | .04 | .28 | | | | | | | .35 | | |
| 12 | | 1.89 | ----- | | | .04 | | | | | | |
| 13 | | .12 | ----- | | | .12 | | | | | 1.14 | |
| 14 | | | ----- | | | | | | | .04 | | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | | | | | | .51 | | |
| 17 | | | | | | | | | | | | |
| 18 | | | ----- | | | | | | | | .12 | .98 |
| 19 | | | ----- | | | | | | | | .08 | 1.69 |
| 20 | | | ----- | | | | | | | | | |
| 21 | | | ----- | | | | | | | | | |
| 22 | | | | .28 | .12 | | | | | | | |
| 23 | | | | | .94 | | | | | | | |
| 24 | | | .04 | .04 | .04 | | | | | .12 | | |
| 25 | | | | .04 | | | | | | .20 | | |
| 26 | | | .51 | | | | | | | .43 | | |
| 27 | | | | | .16 | | | | | .04 | | |
| 28 | | | | | .04 | | | | | | | |
| 29 | | | | | | | | | | | | .04 |
| 30 | | | | | ----- | | | | | | | |
| 31 | | ----- | | | ----- | | ----- | | ----- | | | ----- |
| SUM | 0.59 | 2.17 | 0.91 | 0.71 | 1.50 | 1.57 | 1.97 | 0.00 | 0.00 | 1.69 | 2.32 | 2.95 |
| ACC | 0.59 | 2.76 | 3.66 | 4.37 | 5.87 | 7.44 | 9.41 | 9.41 | 9.41 | 11.10 | 13.43 | 16.38 |
| MAX | 0.59 | 1.89 | 0.51 | 0.31 | 0.94 | 0.91 | 1.65 | 0.00 | 0.00 | 0.51 | 1.14 | 1.69 |
| NO. | 1 | 5 | 4 | 5 | 7 | 4 | 4 | 0 | 0 | 7 | 7 | 4 |

| | |
|---|---|
| Maximum Daily Rainfall | 1.89 |
| Maximum Monthly Rainfall | 2.95 |
| Total Annual Rainfall | 16.38 |
| Number of Days with Rain | 48 |

**Notes:**

Annual rainfall in millimeters: 416 Total down-time: 5.88 days

Gage 4960 down from 12/09 18:06 (72) through 12/15 15:06 (79) due to repeater failure; assigned 7mm to 12/11.

## Flood Control District of Maricopa County ALERT System

Daily Rainfall at Seven Springs Wash (gage # 4960) for Water Year 2003

| DAY | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | ----- | .35 | | | | | .47 | |
| 2 | .16 | | | | ----- | .04 | | | | | | |
| 3 | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | |
| 5 | | | | | | .20 | | | | | | |
| 6 | | | | | | | | | | | | .31 |
| 7 | | | | | | | | | | | | |
| 8 | | | | .63 | .08 | | | | | | | |
| 9 | | .20 | | | | | | | | | | .31 |
| 10 | | .08 | | | | | | | | | | |
| 11 | | | | | | | | | | | | |
| 12 | | | | | .35 | | | | | | | |
| 13 | | | | | 2.60 | | | | | | | |
| 14 | | | | | .24 | | | | | | .55 | |
| 15 | | | | | | | .51 | | | | .04 | |
| 16 | | | | | | .91 | | | | | | |
| 17 | .12 | | .35 | | | .35 | | | | | | |
| 18 | | | .08 | | | | | | | | | |
| 19 | | | | | | .04 | | | | | | |
| 20 | | | .08 | .08 | | | | | | | | |
| 21 | | | | | | | | | | | | |
| 22 | | | .20 | | | | | | | .04 | | |
| 23 | .12 | | .16 | | | | | | | .16 | | |
| 24 | | | | | | | | | | | .31 | |
| 25 | | | | | 1.38 | | | | | | .24 | |
| 26 | .16 | | | | 1.10 | | | | | | .08 | |
| 27 | .31 | | | | .71 | | | | | | .28 | |
| 28 | | | | | .20 | | | | | .16 | | |
| 29 | | .43 | .04 | | ----- | | | | | | | |
| 30 | | .16 | .04 | | ----- | | | | | .31 | .04 | |
| 31 | | ----- | | | ----- | | ----- | | ----- | | | ----- |
| SUM | 0.87 | 0.87 | 0.94 | 0.71 | 6.65 | 1.89 | 0.51 | 0.00 | 0.00 | 0.67 | 2.01 | 0.63 |
| ACC | 0.87 | 1.73 | 2.68 | 3.39 | 10.04 | 11.93 | 12.44 | 12.44 | 12.44 | 13.11 | 15.12 | 15.75 |
| MAX | 0.31 | 0.43 | 0.35 | 0.63 | 2.60 | 0.91 | 0.51 | 0.00 | 0.00 | 0.31 | 0.55 | 0.31 |
| NO. | 5 | 4 | 7 | 2 | 8 | 6 | 1 | 0 | 0 | 4 | 8 | 2 |

| | |
|---|---|
| Maximum Daily Rainfall | 2.60 |
| Maximum Monthly Rainfall | 6.65 |
| Total Annual Rainfall | 15.75 |
| Number of Days with Rain | 47 |

**Notes:**

Total annual rainfall in millimeters: 400 Total down-time: 2.98 days

Gage 4960 down from 1/31 09:42 (86) through 2/03 09:20 (86) for unknown reason; no rain fell.

**Flood Control District of Maricopa County ALERT System**

Daily Rainfall at Seven Springs Wash (gage # 4960) for Water Year 2002

| DAY | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | ----- | ----- | ----- | ----- | ----- | ----- | | | | | | |
| 2 | ----- | ----- | ----- | ----- | ----- | ----- | | | | | | |
| 3 | ----- | ----- | ----- | ----- | ----- | ----- | | | | | | |
| 4 | ----- | ----- | ----- | ----- | ----- | ----- | | | | | | |
| 5 | ----- | ----- | ----- | ----- | ----- | ----- | | | | | .08 | |
| 6 | ----- | ----- | ----- | ----- | ----- | ----- | .28 | | | | | .28 |
| 7 | ----- | ----- | ----- | ----- | ----- | ----- | .04 | | | | | 1.06 |
| 8 | ----- | ----- | ----- | ----- | ----- | ----- | | | | | | .04 |
| 9 | ----- | ----- | ----- | ----- | ----- | ----- | | | | | | .16 |
| 10 | ----- | ----- | ----- | ----- | ----- | ----- | | | | .04 | | .16 |
| 11 | ----- | ----- | ----- | ----- | ----- | ----- | | | | | | |
| 12 | ----- | ----- | ----- | ----- | ----- | | | | | | | |
| 13 | ----- | ----- | ----- | ----- | ----- | | | | | | | |
| 14 | ----- | ----- | ----- | ----- | ----- | | | | | .43 | | ----- |
| 15 | ----- | ----- | ----- | ----- | ----- | | | | | | | ----- |
| 16 | ----- | ----- | ----- | ----- | ----- | | | | | .04 | | |
| 17 | ----- | ----- | ----- | ----- | ----- | | | | | | | |
| 18 | ----- | ----- | ----- | ----- | ----- | | | | | | | |
| 19 | ----- | ----- | ----- | ----- | ----- | | | | | | | |
| 20 | ----- | ----- | ----- | ----- | ----- | | | | | | | |
| 21 | ----- | ----- | ----- | ----- | ----- | | | | | | | |
| 22 | ----- | ----- | ----- | ----- | ----- | | | | | | | |
| 23 | ----- | ----- | ----- | ----- | ----- | | | | | .04 | | |
| 24 | ----- | ----- | ----- | ----- | ----- | | | | | | | |
| 25 | ----- | ----- | ----- | ----- | ----- | | | | | | | |
| 26 | ----- | ----- | ----- | ----- | ----- | | | | | | | |
| 27 | ----- | ----- | ----- | ----- | ----- | | | | | | | |
| 28 | ----- | ----- | ----- | ----- | ----- | | | | | | | .08 |
| 29 | ----- | ----- | ----- | ----- | ----- | .08 | | | | | | |
| 30 | ----- | ----- | ----- | ----- | ----- | | | | | | | |
| 31 | ----- | ----- | ----- | ----- | ----- | | ----- | | ----- | | | ----- |
| SUM | ----- | ----- | ----- | ----- | ----- | 0.08 | 0.31 | 0.00 | 0.00 | 0.55 | 0.08 | 1.77 |
| ACC | ----- | ----- | ----- | ----- | ----- | 0.08 | 0.39 | 0.39 | 0.39 | 0.94 | 1.02 | 2.80 |
| MAX | ----- | ----- | ----- | ----- | ----- | 0.08 | 0.28 | 0.00 | 0.00 | 0.43 | 0.08 | 1.06 |
| NO. | ----- | ----- | ----- | ----- | ----- | 1 | 2 | 0 | 0 | 4 | 1 | 6 |

| | |
|---|---|
| Maximum Daily Rainfall | 1.06 |
| Maximum Monthly Rainfall | 1.77 |
| **Partial** Annual Rainfall | 2.80 |
| Number of Days with Rain | 14 |

## Notes:

Partial annual rainfall in millimeters: 71 Total down-time: 2.82 days

Gage 4960 down from 09/13 12:29 (69) through 09/16 08:13 (69) for unknown reason; no rain fell.

Gage installed 3/12/2002.