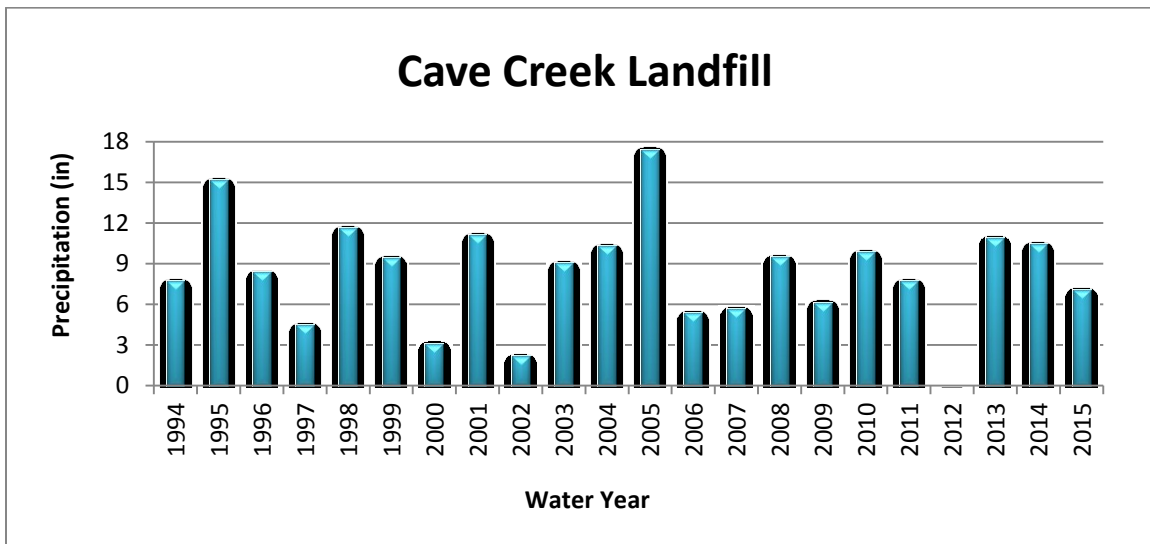




## Station Name: Cave Creek Landfill

<b>Station ID Number History:</b>	4915 since 04/23/93
<b>Station Type:</b>	Rain
<b>Data Begins:</b>	04/23/1993
<b>Years Since Installation:</b>	22.44 (as of 10/01/15)
<b>Data Repeater:</b>	Direct
<b>County:</b>	Maricopa
<b>Latitude:</b>	33° 47' 29.5" (33.79152)
<b>Longitude:</b>	111° 59' 51.1" (111.99753)
<b>Elevation:</b>	1,885 ft. msl
<b>Location:</b>	1/2 mi. E of Carefree Hwy. and the 40th St. alignment
<b>Data Record:</b>	
Incomplete Months:	07&08/2012
Missing Months:	None
<b>Remarks:</b>	Records Good



**Data Statistics for Period of Record:**

Number of storms greater than 1 inch in 24 hours:	49	
Number of storms greater than 2 inches in 24 hours:	10	
Number of storms greater than 3 inches in 24 hours:	0	
		<b>Approx. T<sub>r</sub></b>
Greatest 15 minute total:	0.87" on 08/23/12	10 years
Greatest 1 hour total:	1.42" on 09/09/13	9 years
Greatest 3 hour total:	2.01" on 09/09/13	21 years
Greatest 6 hour total:	2.09" on 09/09/13	16 years
Greatest 24 hour total:	2.91" on 01/21/10	15 years
Greatest 72 hour total:	4.68" on 01/21/10	55 years

**Water Year Totals: (Mean of Complete Water Years [21] = 8.68 inches)**

Water Year	Total	Water Year	Total	Water Year	Total
2020		2010	9.84	2000	3.07
2019		2009	6.10	1999	9.41
2018		2008	9.45	1998	11.69
2017		2007	5.63	1997	4.45
2016		2006	5.35	1996	8.35
2015	7.05	2005	17.40	1995	15.16
2014	10.43	2004	10.28	1994	7.68
2013	10.87	2003	9.02	1993	M
2012	M	2002	2.17	1992	
2011	7.68	2001	11.10	1991	

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 Cave Creek Landfill (gage # 4915) for Water Year 2002

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1													
2													
3													
4			.43										
5		.04	.08										
6							.04					.24	
7							.12					.28	
8												.04	
9										.20		.04	
10												.04	
11												.04	
12													
13													
14							-----				.24		
15							-----				.04		
16							-----						
17							-----						
18													
19													
20													
21													
22													
23										.16			
24													
25		.08											
26													
27													
28													
29													
30				.08									
31		-----						-----	-----			-----	
<hr/>													
SUM	0.00	0.12	0.51	0.08	0.00	0.00	0.16	0.00	0.00	0.63	0.00	0.67	
ACC	0.00	0.12	0.63	0.71	0.71	0.71	0.87	0.87	0.87	1.50	1.50	2.17	
MAX	0.00	0.08	0.43	0.08	0.00	0.00	0.12	0.00	0.00	0.24	0.00	0.28	
NO.	0	2	2	1	0	0	2	0	0	4	0	6	
												Maximum Daily Rainfall	0.43
												Maximum Monthly Rainfall	0.67
												Total Annual Rainfall	2.17
												Number of Days with Rain	17

**Notes:**

Total annual rainfall in millimeters: 55 Total down-time: 4.89 days  
 Gage 4915 down from 03/13 11:57 (18) through 3/18 09:16 (18) due to transmitter failure; no rain fell.





















**Flood Control District of Maricopa County ALERT System**  
 Daily Rainfall at Cave Creek Landfill (gage # 4915) for Water Year 1993

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4												
5												
6											.08	
7											.04	
8												
9											.04	
10												
11												
12												
13												
14												
15								.08				
16								.08				
17												
18												
19												
20												
21												
22												
23												
24											.24	
25												
26												
27											.12	
28												
29											.08	
30											.43	
31												
SUM							0.00	0.16	0.00	0.00	1.02	0.00
ACC							0.00	0.16	0.16	0.16	1.18	1.18
MAX							0.00	0.08	0.00	0.00	0.43	0.00
NO.							0	2	0	0	7	0
							Maximum Daily Rainfall					0.43
							Maximum Monthly Rainfall					1.02
							<b>Partial</b> Annual Rainfall					1.18
							Number of Days with Rain					9

Station installed on 04/22/1993.