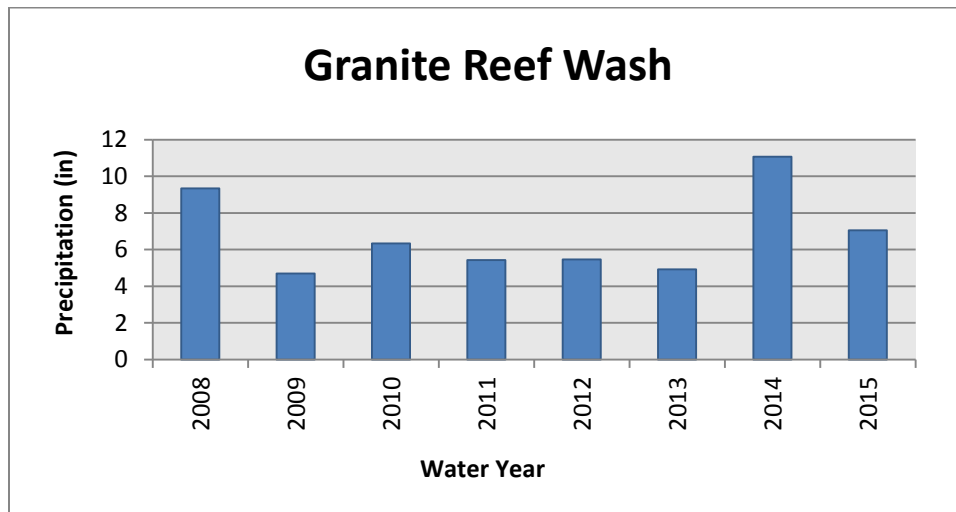




## Station Name: Granite Reef Wash

<b>Station ID Number History:</b>	4725 since 06/26/07
<b>Station Type:</b>	Rain / Stream
<b>Data Begins:</b>	06/26/2007
<b>Years Since Installation:</b>	8.27 (as of 10/01/15)
<b>Data Repeater:</b>	Direct
<b>County:</b>	Maricopa
<b>Latitude:</b>	33° 27' 57.6" (33.46599)
<b>Longitude:</b>	111° 53' 54.9" (111.89857)
<b>Elevation:</b>	1,195 ft. msl
<b>Location:</b>	McDowell Rd., 200 yards E of Granite Reef
<b>Data Record:</b>	
Incomplete Months:	None
Missing Months:	None
<b>Remarks:</b>	Records Good



**Data Statistics for Period of Record:**

Number of storms greater than 1 inch in 24 hours:	11
Number of storms greater than 2 inches in 24 hours:	1
Number of storms greater than 3 inches in 24 hours:	1
Greatest 15 minute total:	0.71" on 09/27/14
Greatest 1 hour total:	1.06" on 09/27/14
Greatest 3 hour total:	1.61" on 09/27/14
Greatest 6 hour total:	1.61" on 09/27/14
Greatest 24 hour total:	1.89" on 09/27/14
Greatest 72 hour total:	2.32" on 01/21/10

**Water Year Totals: (Mean of Complete Water Years [8] = 6.79 inches)**

Water Year	Total	Water Year	Total
2020		2010	6.34
2019		2009	4.69
2018		2008	9.33
2017		2007	M
2016		2006	
2015	7.05	2005	
2014	11.06	2004	
2013	4.92	2003	
2012	5.47	2002	
2011	5.43	2001	

M: One or more months contain partial or missing data

**Daily Precipitation Totals And Annual Statistics  
Are On The Following Pages**



**Flood Control District of Maricopa County ALERT System**  
Daily Rainfall at Granite Reef Wash (gage # 4725) for Water Year 2014

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1						1.38					.08	
2						.04	.04					
3											.04	
4												
5										.04		
6												
7												
8										.04	3.35	
9												
10												
11												
12											.08	
13										.04		
14												
15												
16												.12
17												.35
18												
19			.12								.35	
20			.59									
21		.39									.24	
22		1.50										
23		.35										
24												
25												
26												
27												1.89
28												.04
29						----						
30						----						
31		----				----	----		----			----
SUM	0.00	2.24	0.71	0.00	0.00	1.42	0.04	0.00	0.00	0.12	0.79	5.75
ACC	0.00	2.24	2.95	2.95	2.95	4.37	4.41	4.41	4.41	4.53	5.31	11.06
MAX	0.00	1.50	0.59	0.00	0.00	1.38	0.04	0.00	0.00	0.04	0.35	3.35
NO.	0	3	2	0	0	2	1	0	0	3	5	5
							Maximum Daily Rainfall					3.35
							Maximum Monthly Rainfall					5.75
							<b>Estimated</b> Annual Rainfall					11.06
							Number of Days with Rain					21

Gage 4725 down from 9/07 12:00 (135) through 9/09 12:00 (?) due to plugged funnel; showed some rain for the storm of the 8<sup>th</sup>; **estimated** 67 additional tips from nearby gages.

**Flood Control District of Maricopa County ALERT System**  
Daily Rainfall at Granite Reef Wash (gage # 4725) for Water Year 2013

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												.04
3												
4												
5												
6											.04	
7												
8						.75						.24
9						.04						.39
10		.04										
11	.04				.16							
12												
13			.24									
14			.20									
15			.28									
16										.35		
17												
18			.08									
19												
20					.31					.20		
21										.04		
22												
23												
24												
25										.04		
26				1.38								
27				.04								
28				.04								
29												
30												
31												
SUM	0.04	0.04	0.79	1.46	0.47	0.79	0.00	0.00	0.00	0.63	0.04	0.67
ACC	0.04	0.08	0.87	2.32	2.80	3.58	3.58	3.58	3.58	4.21	4.25	4.92
MAX	0.04	0.04	0.28	1.38	0.31	0.75	0.00	0.00	0.00	0.35	0.04	0.39
NO.	1	1	4	3	2	2	0	0	0	4	1	3

Maximum Daily Rainfall          1.38  
Maximum Monthly Rainfall      1.46  
Total Annual Rainfall            4.92  
Number of Days with Rain        21

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# Flood Control District of Maricopa County ALERT System Daily Rainfall at Granite Reef Wash (gage # 4725) for Water Year 2012

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3			.08									
4	.12	.04								.04		.08
5		.24										
6												
7		.24										.59
8												
9								.28				
10												
11												.04
12			.20							.28		
13		.20	.63							.04		
14										.43		
15										.04		
16												
17											.16	
18			.08			.28						
19												
20												
21											.24	
22											.04	
23											.75	
24												
25												
26							.12					
27												
28										.20		
29										.08		
30												
31												
SUM	0.12	0.71	0.98	0.00	0.00	0.28	0.12	0.28	0.00	1.10	1.18	0.71
ACC	0.12	0.83	1.81	1.81	1.81	2.09	2.20	2.48	2.48	3.58	4.76	5.47
MAX	0.12	0.24	0.63	0.00	0.00	0.28	0.12	0.28	0.00	0.43	0.75	0.59
NO.	1	4	4	0	0	1	1	1	0	7	4	3
							Maximum Daily Rainfall					0.75
							Maximum Monthly Rainfall					1.18
							Total Annual Rainfall					5.47
							Number of Days with Rain					26



**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at Granite Reef Wash (gauge # 4725) for Water Year 2010**

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1								----				
2												
3												
4												
5												
6												
7			.39		.04	.28						
8						.04						
9						.08						
10												
11			----									
12			----									
13			----									
14												
15			----									
16			----							.12		
17											.28	
18				.04							.04	
19				.87								
20					.12							
21				1.30	.16						.24	
22			.16	.27	.24						.08	.04
23						.43	----					
24							----				.12	
25												
26												
27					.08							
28				.08	.51						.04	
29					----							
30					----		----					
31		----			----		----		----	.31		----
SUM	0.00	0.00	0.55	2.56	1.14	0.83	0.00	0.00	0.00	0.43	0.79	0.04
ACC	0.00	0.00	0.55	3.11	4.25	5.08	5.08	5.08	5.08	5.51	6.30	6.34
MAX	0.00	0.00	0.39	1.30	0.51	0.43	0.00	0.00	0.00	0.31	0.28	0.04
NO.	0	0	2	5	6	4	0	0	0	2	6	1
											Maximum Daily Rainfall	1.30
											Maximum Monthly Rainfall	2.56
											Total Annual Rainfall	6.34
											Number of Days with Rain	26

**Notes:**

Annual rainfall in millimeters: 161  
 Gage 4725 down from 12/10 10:18 (10) through 12/14 10:18 (10) due to repeater failure; no rain fell.  
 Gage 4725 down from 12/14 16:18 (10) through 12/17 09:46 (10); failure not documented; no rain fell.  
 Gage 4725 down from 04/22 15:28 (129) through 04/25 09:28 (129) due to data collision; no rain fell.  
 Gage 4725 down from 04/29 09:28 (129) through 05/02 03:28 (129) due to data collision; no rain fell.





**Flood Control District of Maricopa County ALERT System**  
 Daily Rainfall at Granite Reef Wash (gage # 4725) for Water Year 2008

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			.16									
2												
3												
4					.28							
5											.12	
6											.04	
7			.43	.59							1.06	
8			.39									
9												
10			.08							.20		.04
11			.04							.43		
12												
13										.83		
14												
15					.24							
16												
17												
18												
19												
20					.08							
21												
22								.20				
23								.12				
24				.04								
25											.59	
26											.04	
27				.94							.16	
28				.16							.94	
29											.08	
30		1.06			----							
31		----			----		----		----			----
SUM	0.00	1.06	1.10	1.73	0.59	0.00	0.00	0.31	0.00	1.46	3.03	0.04
ACC	0.00	1.06	2.17	3.90	4.49	4.49	4.49	4.80	4.80	6.26	9.29	9.33
MAX	0.00	1.06	0.43	0.94	0.28	0.00	0.00	0.20	0.00	0.83	1.06	0.04
NO.	0	1	5	4	3	0	0	2	0	3	8	1
											Maximum Daily Rainfall	1.06
											Maximum Monthly Rainfall	3.03
											Total Annual Rainfall	9.33
											Number of Days with Rain	27

**Notes:**

Annual rainfall in millimeters: 237

Total down-time: 0.00 days

**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at Granite Reef Wash (gage # 4725) for Water Year 2007**

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1	----	----	----	----	----	----	----	----	----				
2	----	----	----	----	----	----	----	----	----				
3	----	----	----	----	----	----	----	----	----		.04		
4	----	----	----	----	----	----	----	----	----		.08		
5	----	----	----	----	----	----	----	----	----				
6	----	----	----	----	----	----	----	----	----				
7	----	----	----	----	----	----	----	----	----				
8	----	----	----	----	----	----	----	----	----				
9	----	----	----	----	----	----	----	----	----				
10	----	----	----	----	----	----	----	----	----				
11	----	----	----	----	----	----	----	----	----				
12	----	----	----	----	----	----	----	----	----				
13	----	----	----	----	----	----	----	----	----				
14	----	----	----	----	----	----	----	----	----		.16		
15	----	----	----	----	----	----	----	----	----				
16	----	----	----	----	----	----	----	----	----				
17	----	----	----	----	----	----	----	----	----				
18	----	----	----	----	----	----	----	----	----				
19	----	----	----	----	----	----	----	----	----	.08			
20	----	----	----	----	----	----	----	----	----				
21	----	----	----	----	----	----	----	----	----				
22	----	----	----	----	----	----	----	----	----				
23	----	----	----	----	----	----	----	----	----				
24	----	----	----	----	----	----	----	----	----				
25	----	----	----	----	----	----	----	----	----	.04			
26	----	----	----	----	----	----	----	----	----				
27	----	----	----	----	----	----	----	----	----				
28	----	----	----	----	----	----	----	----	----				
29	----	----	----	----	----	----	----	----	----		.04		
30	----	----	----	----	----	----	----	----	----	.83			
31	----	----	----	----	----	----	----	----	----			----	
SUM	----	----	----	----	----	----	----	----	0.00	0.94	0.31	0.00	
ACC	----	----	----	----	----	----	----	----	0.00	0.94	1.26	1.26	
MAX	----	----	----	----	----	----	----	----	0.00	0.83	0.16	0.00	
NO.	----	----	----	----	----	----	----	----	0	3	4	0	
												Maximum Daily Rainfall	0.83
												Maximum Monthly Rainfall	0.94
												<b>Partial</b> Annual Rainfall	1.26
												Number of Days with Rain	7

**Notes:**

Partial annual rainfall in millimeters: 32  
 Station installed on 6/26/2007.

Total down-time: 0.00 days