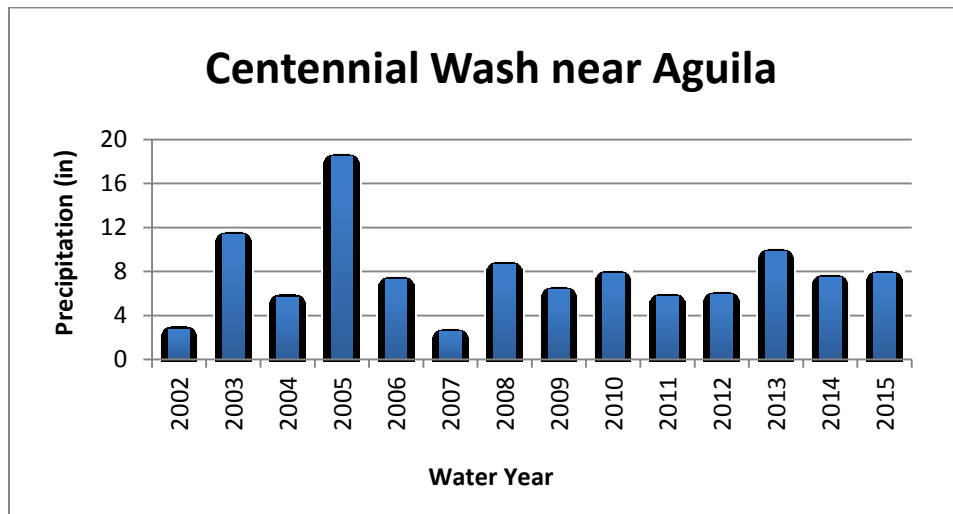


## Station Name: Centennial Wash near Aguilá

<b>Station ID Number History:</b>	5175 since 06/05/2001
<b>Station Type:</b>	Rain / Stream
<b>Data Begins:</b>	06/05/2001
<b>Years Since Installation:</b>	14.32 (as of 10/01/15)
<b>Data Repeater:</b>	Yarnell Hill
<b>County:</b>	Maricopa
<b>Latitude:</b>	33° 58' 00.3" (33.96675)
<b>Longitude:</b>	113° 04' 07.9" (113.06887)
<b>Elevation:</b>	2,275 ft. msl
<b>Location:</b>	5 mi. NNE of the US 60 / SR 71 junction
<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:	26	
Number of storms greater than 2 inches in 24 hours:	6	
Number of storms greater than 3 inches in 24 hours:	0	
		Approx. T <sub>r</sub>
Greatest 15 minute total:	1.02" on 07/25/06	22 years
Greatest 1 hour total:	1.85" on 08/24/13	33 years
Greatest 3 hour total:	1.97" on 08/25/08	11 years
Greatest 6 hour total:	2.28" on 08/27/03	10 years
Greatest 24 hour total:	2.99" on 10/21/04	11 years
Greatest 72 hour total:	3.54" on 08/24/13	18 years

**Water Year Totals (Mean of Complete Water Years [14] = 7.68 inches):**

Water Year	Total	Water Year	Total
2020		2010	7.83
2019		2009	6.34
2018		2008	8.62
2017		2007	2.56
2016		2006	7.28
2015	7.80	2005	18.43
2014	7.48	2004	5.67
2013	9.80	2003	11.34
2012	5.94	2002	2.76
2011	5.71	2001	M

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 Centennial Wash near Aguila (gage # 5175) 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	.79
7												
8		.04				.04						
9												1.18
10												.31
11										.20		
12												
13			.12									
14			.20									
15			.35									
16											.08	
17											.08	
18			.04									
19												
20					.16					.24		
21					.04					.04		
22											.04	
23												
24				.04							2.01	
25				.16							.24	
26				1.22						.08	1.30	
27				.31								
28											.43	
29					----							
30					----							
31		----			----		----		----			----
SUM	0.00	0.04	0.71	1.73	0.20	0.04	0.00	0.00	0.00	0.55	4.21	2.32
ACC	0.00	0.04	0.75	2.48	2.68	2.72	2.72	2.72	2.72	3.27	7.48	9.80
MAX	0.00	0.04	0.35	1.22	0.16	0.04	0.00	0.00	0.00	0.24	2.01	1.18
NO.	0	1	4	4	2	1	0	0	0	4	8	4
							Maximum Daily Rainfall				2.01	
							Maximum Monthly Rainfall				4.21	
							Total Annual Rainfall				9.80	
							Number of Days with Rain				28	

**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at Centennial Wash near Aguila (gage # 5175) for Water Year 2012**

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			.04									.04
2												
3			.16									
4	.16	.55	.04							.47		.31
5												
6	.04											.08
7		.20										.04
8												
9												
10												
11										.16		.08
12			.63									
13		.04	.43				.04			.08	.16	
14			.08							.43		
15												
16											.12	
17			.08			.12						
18			.12			.71						
19												
20												
21												
22										.12	.16	
23											.12	
24												
25												
26												
27										----		
28										----		
29												
30					----					.16		
31		----			----		----		----			----
SUM	0.20	0.79	1.57	0.00	0.00	0.83	0.04	0.00	0.00	1.42	0.55	0.55
ACC	0.20	0.98	2.56	2.56	2.56	3.39	3.43	3.43	3.43	4.84	5.39	5.94
MAX	0.16	0.55	0.63	0.00	0.00	0.71	0.04	0.00	0.00	0.47	0.16	0.31
NO.	2	3	8	0	0	2	1	0	0	6	4	5
							Maximum Daily Rainfall					0.71
							Maximum Monthly Rainfall					1.57
							Total Annual Rainfall					5.94
							Number of Days with Rain					31

Gage 5175 down from 7/26 14:31 (119) through 7/28 14:35 (119) due to repeater failure; no rain fell.

**Flood Control District of Maricopa County ALERT System**  
Daily Rainfall at Centennial Wash near Aguila (gage # 5175) for Water Year 2011

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4	.55											
5	.04									.55		
6												
7												
8							.24					
9							.20					
10												
11												.08
12												
13												.16
14												
15												
16			.20									
17			.04									
18												
19					.63							
20	.24				.12							
21		.24				.24						
22			.94									
23												
24												
25												
26					.35						.04	
27					.12							
28												
29			.43		----							
30					----					.31		
31		----			----		----		----			----
SUM	0.83	0.24	1.61	0.00	1.22	0.24	0.43	0.00	0.00	0.87	0.04	0.24
ACC	0.83	1.06	2.68	2.68	3.90	4.13	4.57	4.57	4.57	5.43	5.47	5.71
MAX	0.55	0.24	0.94	0.00	0.63	0.24	0.24	0.00	0.00	0.55	0.04	0.16
NO.	3	1	4	0	4	1	2	0	0	2	1	2
							Maximum Daily Rainfall				0.94	
							Maximum Monthly Rainfall				1.61	
							Total Annual Rainfall				5.71	
							Number of Days with Rain				20	

Annual Total (mm): 145

Days Down: 0





**Flood Control District of Maricopa County ALERT System**  
 Daily Rainfall at Centennial Wash near Aguila (gage # 5175) for Water Year 2009

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3										.12		
4												
5												.20
6												
7			.04		.20							
8			.20		.04							
9					.67							
10												
11							.43					
12												
13											.24	
14												
15			.08									
16			.43		.04							
17			.35		.12							
18			.08									
19								.08				
20								.04		.31		
21										.20	.16	
22								.04			.87	
23												
24										----		
25			.24							----		
26		.43								----		
27		.71	.04									
28												
29					----							
30					----							
31		----			----		----		----			----
SUM	0.00	1.14	1.46	0.00	1.06	0.00	0.43	0.16	0.00	0.63	1.26	0.20
ACC	0.00	1.14	2.60	2.60	3.66	3.66	4.09	4.25	4.25	4.88	6.14	6.34
MAX	0.00	0.71	0.43	0.00	0.67	0.00	0.43	0.08	0.00	0.31	0.87	0.20
NO.	0	2	8	0	5	0	1	3	0	3	3	1
							Maximum Daily Rainfall					0.87
							Maximum Monthly Rainfall					1.46
							Total Annual Rainfall					6.34
							Number of Days with Rain					26

**Notes:**

Annual rainfall in millimeters: 161 Total down-time: 3.66 days  
 Gage 5175 down from 7/23 21:05 (124) through 7/27 12:50 (124) due to transmitter failure; no rain fell.



**Flood Control District of Maricopa County ALERT System**  
Daily Rainfall at Centennial Wash near Aguila (gage # 5175) for Water Year 2007

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												----
3												----
4												----
5												
6												
7												
8												
9												
10												
11												
12												
13												
14	.12											
15												
16												
17												
18												
19				.20	.71							
20				.04								
21				.04								.04
22			.04			.24				.24		
23						.08						
24						.04				.04		
25										.08		
26												
27												
28										.20		
29			.04		----					.04		
30					----							
31		----		.31	----		----		----	.04	.04	----
SUM	0.12	0.00	0.08	0.59	0.71	0.35	0.00	0.00	0.00	0.63	0.04	0.04
ACC	0.12	0.12	0.20	0.79	1.50	1.85	1.85	1.85	1.85	2.48	2.52	2.56
MAX	0.12	0.00	0.04	0.31	0.71	0.24	0.00	0.00	0.00	0.24	0.04	0.04
NO.	1	0	2	4	1	3	0	0	0	6	1	1
							Maximum Daily Rainfall				0.71	
							Maximum Monthly Rainfall				0.71	
							Total Annual Rainfall				2.56	
							Number of Days with Rain				19	

**Notes:**

Annual rainfall in millimeters: 65 Total down-time: 3.77 days  
Gage 5175 down from 9/01 16:37 (64) through 9/05 11:05 (64) due to transmitter failure; no rain fell.

**Flood Control District of Maricopa County ALERT System**  
 Daily Rainfall at Centennial Wash near Aguila (gage # 5175) for Water Year 2006

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												.51
3												.04
4												
5							.04					
6										.16		
7										.35		
8												.51
9											.28	
10												
11		.55				.12					.51	
12											----	.12
13											----	
14												.04
15												
16												
17	.39											
18	1.73											
19						.12						
20												
21						.04					.20	
22	----											
23	----											
24	----											
25	----									1.42		
26										.04		
27												
28									----	.04		
29					----				.08			
30					----							
31		----			----		----		----			----
SUM	2.13	0.55	0.00	0.00	0.00	0.28	0.04	0.00	0.08	2.01	0.98	1.22
ACC	2.13	2.68	2.68	2.68	2.68	2.95	2.99	2.99	3.07	5.08	6.06	7.28
MAX	1.73	0.55	0.00	0.00	0.00	0.12	0.04	0.00	0.08	1.42	0.51	0.51
NO.	2	1	0	0	0	3	1	0	1	5	3	5
							Maximum Daily Rainfall					1.73
							Maximum Monthly Rainfall					2.13
							Total Annual Rainfall					7.28
							Number of Days with Rain					21

**Notes:**

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Annual rainfall in millimeters: 185 Total down-time: 10.44 days  
 Gage 5175 down from 10/21 22:00 (54) through 10/27 12:00 (54) due to battery failure; no rain fell.  
 Gage 5175 down from 6/27 17:50 (76) through 6/29 09:49 (76) due to transmitter failure; no rain fell.  
 Gage 5175 down from 8/11 05:26 (149) through 8/14 10:04 (149) due to transmitter failure; no rain fell





**Flood Control District of Maricopa County ALERT System**  
Daily Rainfall at Centennial Wash near Aguila (gage # 5175) for Water Year 2003

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			.04			.04					.51	
2												
3												
4												.16
5						.04						
6												.63
7												
8				.31								
9												.04
10												.04
11												
12					.28							
13					1.69						.04	
14					.28						.51	
15						.16	.08				.24	
16						.67						
17						.04						
18												
19											.04	
20			.04	.04								
21												
22												
23										.24		
24										.04		
25					1.06							
26	.83				.04							
27	.24										2.32	
28					.04							
29		.28			-----					.04		
30		.28			-----					.04		
31		-----			-----		-----		-----			-----
SUM	1.06	0.55	0.08	0.35	3.39	0.94	0.08	0.00	0.00	0.35	3.66	0.87
ACC	1.06	1.61	1.69	2.05	5.43	6.38	6.46	6.46	6.46	6.81	10.47	11.34
MAX	0.83	0.28	0.04	0.31	1.69	0.67	0.08	0.00	0.00	0.24	2.32	0.63
NO.	2	2	2	2	6	5	1	0	0	4	6	4
											Maximum Daily Rainfall	2.32
											Maximum Monthly Rainfall	3.66
											Total Annual Rainfall	11.34
											Number of Days with Rain	34

**Notes:**

Total annual rainfall in millimeters: 288

Total down-time: 0.00 days

**Flood Control District of Maricopa County ALERT System**  
 Daily Rainfall at Centennial Wash near Aguila (gage # 5175) for Water Year 2002

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4		.20	.12									
5		.16										
6							.04					.31
7	.63											.47
8	.55											
9												.04
10												
11												
12												
13												
14			.08							.04		
15			.04									
16												
17												
18										.04		
19												
20												
21												
22												
23												
24												
25												
26							.04					
27												
28												
29					-----							
30					-----							
31		-----			-----		-----		-----			-----
SUM	1.18	0.35	0.24	0.00	0.00	0.00	0.08	0.00	0.00	0.08	0.00	0.83
ACC	1.18	1.54	1.77	1.77	1.77	1.77	1.85	1.85	1.85	1.93	1.93	2.76
MAX	0.63	0.20	0.12	0.00	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.47
NO.	2	2	3	0	0	0	2	0	0	2	0	3
							Maximum Daily Rainfall					0.63
							Maximum Monthly Rainfall					1.18
							Total Annual Rainfall					2.76
							Number of Days with Rain					14

**Notes:**

Total annual rainfall in millimeters: 70

Total down-time: 0.00 days



**Flood Control District of Maricopa County ALERT System**  
 Daily Rainfall at Centennial Wash near Aguila (gage # 5175) for Water Year 2001

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1	----	----	----	----	----	----	----	----	----		.39		
2	----	----	----	----	----	----	----	----	----				
3	----	----	----	----	----	----	----	----	----	.04			
4	----	----	----	----	----	----	----	----	----	.04	.91		
5	----	----	----	----	----	----	----	----					
6	----	----	----	----	----	----	----	----		.87			
7	----	----	----	----	----	----	----	----			.12		
8	----	----	----	----	----	----	----	----		.91			
9	----	----	----	----	----	----	----	----					
10	----	----	----	----	----	----	----	----			.51		
11	----	----	----	----	----	----	----	----					
12	----	----	----	----	----	----	----	----					
13	----	----	----	----	----	----	----	----				.04	
14	----	----	----	----	----	----	----	----					
15	----	----	----	----	----	----	----	----					
16	----	----	----	----	----	----	----	----					
17	----	----	----	----	----	----	----	----					
18	----	----	----	----	----	----	----	----					
19	----	----	----	----	----	----	----	----					
20	----	----	----	----	----	----	----	----			.31		
21	----	----	----	----	----	----	----	----					
22	----	----	----	----	----	----	----	----					
23	----	----	----	----	----	----	----	----					
24	----	----	----	----	----	----	----	----					
25	----	----	----	----	----	----	----	----					
26	----	----	----	----	----	----	----	----					
27	----	----	----	----	----	----	----	----					
28	----	----	----	----	----	----	----	----					
29	----	----	----	----	----	----	----	----					
30	----	----	----	----	----	----	----	----					
31	----	----	----	----	----	----	----	----	----			----	
SUM	----	----	----	----	----	----	----	----	0.00	1.85	2.24	0.04	
ACC	----	----	----	----	----	----	----	----	0.00	1.85	4.09	4.13	
MAX	----	----	----	----	----	----	----	----	0.00	0.91	0.91	0.04	
NO.	----	----	----	----	----	----	----	----	0	4	5	1	
												Maximum Daily Rainfall	0.91
												Maximum Monthly Rainfall	2.24
												<b>Partial</b> Annual Rainfall	4.13
												Number of Days with Rain	10

**Notes:**

Partial annual rainfall in millimeters: 105  
 Station installed on 06/05/01.

Total down-time: 0.00 days