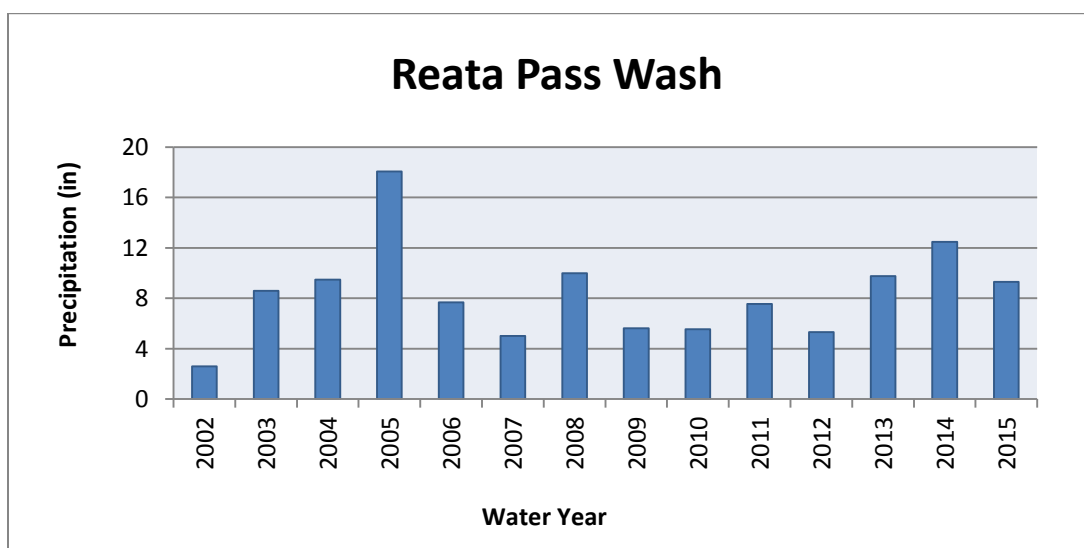




Station Name: Reata Pass Wash

Station ID Number History:	4585 since 05/15/2001
Station Type:	Rain / Stream
Data Begins:	05/15/2001
Years Since Installation:	14.38 (as of 10/01/15)
Data Repeater:	White Tank Peak
County:	Maricopa
Latitude:	33° 41' 52.9" (33.69804)
Longitude:	111° 51' 50.6" (111.86408)
Elevation:	2,175 ft. msl
Location:	1.6 miles east of Pima Road on Pinnacle Peak Road
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:	26	
Number of storms greater than 2 inches in 24 hours:	3	
Number of storms greater than 3 inches in 24 hours:	0	
		Approx. T_r
Greatest 15 minute total:	0.91" on 09/03/06	12 years
Greatest 1 hour total:	1.61" on 07/31/05	15 years
Greatest 3 hour total:	1.69" on 07/31/05	10 years
Greatest 6 hour total:	2.24" on 09/08/14	19 years
Greatest 24 hour total:	2.28" on 09/08/14	4 years
Greatest 72 hour total:	2.76" on 01/26/13	4 years

Water Year Totals (Mean of Complete Water Years [14] = 8.36 inches):

Water Year	Total	Water Year	Total
2020		2010	5.55
2019		2009	5.63
2018		2008	10.00
2017		2007	5.00
2016		2006	7.68
2015	9.29	2005	18.07
2014	12.48	2004	9.49
2013	9.76	2003	8.58
2012	5.31	2002	2.60
2011	7.56	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

Daily Rainfall

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Reata Pass Wash (gage # 4585) for Water Year 2014

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1					1.89							
2											1.42	
3											.04	
4												
5												
6												
7												
8										.04		2.28
9												.04
10												
11											.12	
12											.04	
13											.16	
14												
15												
16												.04
17											.47	
18												
19			.04								1.30	
20			.43									
21		.31									.12	
22		1.69										
23		.39								.04		
24										.04		
25												
26										.63		
27												.91
28												.04
29					----							
30					----							
31		----			----		----		----			----
SUM	0.00	2.40	0.47	0.00	0.00	1.89	0.00	0.00	0.00	0.75	3.66	3.31
ACC	0.00	2.40	2.87	2.87	2.87	4.76	4.76	4.76	4.76	5.51	9.17	12.48
MAX	0.00	1.69	0.43	0.00	0.00	1.89	0.00	0.00	0.00	0.63	1.42	2.28
NO.	0	3	2	0	0	1	0	0	0	4	8	5
Maximum Daily Rainfall												2.28
Maximum Monthly Rainfall												3.66
Total Annual Rainfall												12.48
Number of Days with Rain												23

Daily Rainfall at Reata Pass Wash (gage # 4585) for Water Year 2013

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4												
5												
6											.12	
7												
8						1.22	.04					.43
9		.16			.04	.08	.04					.79
10												.12
11	.20											
12	.08											
13			.24									
14			.43									
15			.47									
16												
17												
18			.24									
19										.35		
20					.59					.04		
21										.83		
22												----
23												
24												
25										.08		
26				1.97								
27				.75								
28				.04							.39	
29					----							
30			.04		----							
31		----			----		----		----			----
SUM	0.28	0.16	1.42	2.76	0.63	1.30	0.08	0.00	0.00	1.30	0.51	1.34
ACC	0.28	0.43	1.85	4.61	5.24	6.54	6.61	6.61	6.61	7.91	8.43	9.76
MAX	0.20	0.16	0.47	1.97	0.59	1.22	0.04	0.00	0.00	0.83	0.39	0.79
NO.	2	1	5	3	2	2	2	0	0	4	2	3
							Maximum Daily Rainfall					1.97
							Maximum Monthly Rainfall					2.76
							Total Annual Rainfall					9.76
							Number of Days with Rain					26

Gage 4585 down from 9/20 23:17 (248) through 9/23 11:17 (248) due to repeater failure; no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Reata Pass Wash (gage # 4585) for Water Year 2012

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1													
2			.04										
3													
4	.08	.20											
5		.32	.04										
6													
7		.35										.20	
8													
9												.08	
10													
11										.28			
12			.35										
13		.28	.63								.08		
14			.16				.08						
15													
16													
17													
18			.12			.35							
19													
20													
21		.08									.24		
22											.04		
23											.63		
24											.24		
25													
26							.04						
27													
28										.12			
29										.31			
30					----								
31		----			----		----		----			----	
SUM	0.08	1.22	1.34	0.00	0.00	0.35	0.12	0.00	0.00	0.71	1.22	0.28	
ACC	0.08	1.30	2.64	2.64	2.64	2.99	3.11	3.11	3.11	3.82	5.04	5.31	
MAX	0.08	0.35	0.63	0.00	0.00	0.35	0.08	0.00	0.00	0.31	0.63	0.20	
NO.	1	5	6	0	0	1	2	0	0	3	5	2	
Maximum Daily Rainfall													0.63
Maximum Monthly Rainfall													1.34
Estimated Annual Rainfall													5.31
Number of Days with Rain													25

4585: found plugged funnel on 12/08, estimated rain all the way back to 10/01.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Reata Pass Wash (gage # 4585) for Water Year 2011

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3										.28	.12	
4										.04		
5	1.10											
6	.04											
7												
8												
9							.51					
10												.04
11										.71		.04
12												
13											.12	
14												
15												
16			.24									
17												
18											.04	
19					.39							
20					.24							
21	.39	.08	.04			.20						
22			.43									
23			.04									
24										.47		
25												
26					.08							
27					.55							
28												
29			.75		----							
30			.47		----							
31		----			----		----		----	.16		----
SUM	1.54	0.08	1.97	0.00	1.26	0.20	0.51	0.00	0.00	1.65	0.28	0.08
ACC	1.54	1.61	3.58	3.58	4.84	5.04	5.55	5.55	5.55	7.20	7.48	7.56
MAX	1.10	0.08	0.75	0.00	0.55	0.20	0.51	0.00	0.00	0.71	0.12	0.04
NO.	3	1	6	0	4	1	1	0	0	5	3	2
							Maximum Daily Rainfall					1.10
							Maximum Monthly Rainfall					1.97
							Total Annual Rainfall					7.56
							Number of Days with Rain					26

Annual Total (mm): 192

Days Down: 0

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Reata Pass Wash (gage # 4585) for Water Year 2009

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												.04
4				.12								
5				.08								
6												
7					.04							
8					.55							
9					.63							
10												
11							.63					.08
12												
13											.20	
14												
15			.08							.04		
16			.83									
17			.04		.08							
18			.16									
19												
20								.04				
21								.20			.04	
22			.16	.12				.20				
23			.08									
24										.20		
25			.24									
26		.20	.24									
27		.35										
28												
29					----							
30					----							
31		----			----		----		----			----
SUM	0.00	0.55	1.81	0.31	1.30	0.00	0.63	0.43	0.00	0.24	0.24	0.12
ACC	0.00	0.55	2.36	2.68	3.98	3.98	4.61	5.04	5.04	5.28	5.51	5.63
MAX	0.00	0.35	0.83	0.12	0.63	0.00	0.63	0.20	0.00	0.20	0.20	0.08
NO.	0	2	8	3	4	0	1	3	0	2	2	2
Maximum Daily Rainfall												0.83
Maximum Monthly Rainfall												1.81
Total Annual Rainfall												5.63
Number of Days with Rain												27

Notes:

Annual rainfall in millimeters: 143

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Reata Pass Wash (gage # 4585) for Water Year 2008

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			.63									
2												
3										.12		
4	.08				.12					.04		
5				.04								
6											.08	
7			.47	.75							.08	
8			.47								.08	
9												
10			.20							.28		
11			.28							.16		
12												
13										.04		
14											.43	
15		.08			.08							
16												
17												
18												
19												
20					.12							
21												
22					.04			.04				
23					.04			.04				
24												
25											.35	
26											.20	
27				1.65								
28				.28							.20	
29											.55	
30		1.93			----							
31		----			----		----		----			----
SUM	0.08	2.01	2.05	2.72	0.39	0.00	0.00	0.08	0.00	0.63	1.97	0.00
ACC	0.08	2.09	4.13	6.93	7.32	7.32	7.32	7.40	7.40	8.03	10.00	10.00
MAX	0.08	1.93	0.63	1.65	0.12	0.00	0.00	0.04	0.00	0.28	0.55	0.00
NO.	1	2	5	4	5	0	0	2	0	5	8	0
Maximum Daily Rainfall												1.93
Maximum Monthly Rainfall												2.80
Total Annual Rainfall												10.00
Number of Days with Rain												32

Annual rainfall in millimeters: 254

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Reata Pass Wash (gage # 4585) for Water Year 2007

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3											.12	
4											.08	
5	.04										.04	
6	.20											
7												
8	.08											
9												
10												
11					.08							
12							.04					
13							.16					
14	.20											
15												
16										.16		
17												
18												
19				.59	.20					.12		
20				.04								
21				.31			.12					
22			.20	.24		.63						.08
23						.31						
24										.12		
25												
26						----						
27												
28			.16							.16		
29			.04		----							
30				.08	----					.12		
31		----		.16	----		----		----	.16		----
SUM	0.51	0.00	0.39	1.42	0.28	0.94	0.31	0.00	0.00	0.83	0.24	0.08
ACC	0.51	0.51	0.91	2.32	2.60	3.54	3.86	3.86	3.86	4.69	4.92	5.00
MAX	0.20	0.00	0.20	0.59	0.20	0.63	0.16	0.00	0.00	0.16	0.12	0.08
NO.	4	0	3	6	2	2	3	0	0	6	3	1
Maximum Daily Rainfall												0.63
Maximum Monthly Rainfall												1.42
Estimated Annual Rainfall												5.00
Number of Days with Rain												30

Notes:

Estimated annual rainfall in millimeters: 127
Gage 4585 down from 3/23 05:07 (82) through 3/27 08:31 (90) due to a plugged funnel; rainfall depth and distribution were **estimated** from radar and nearby gages.

Total down-time: 4.14 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Reata Pass Wash (gage # 4585) for Water Year 2006

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												.55
3												1.10
4												.12
5							.08					
6												
7												.12
8												
9												.51
10												
11						1.46						
12						.08					.28	
13												
14												.12
15												
16												
17	.16											
18	.63											
19						.20						
20												
21						.20				.51		
22												
23										.31		
24											.24	
25										.24		
26										.24		
27												
28												
29					----					.08		
30					----					.47		
31		----			----		----		----			----
SUM	0.79	0.00	0.00	0.00	0.00	1.93	0.08	0.00	0.00	1.85	0.51	2.52
ACC	0.79	0.79	0.79	0.79	0.79	2.72	2.80	2.80	2.80	4.65	5.16	7.68
MAX	0.63	0.00	0.00	0.00	0.00	1.46	0.08	0.00	0.00	0.51	0.28	1.10
NO.	2	0	0	0	0	4	1	0	0	6	2	6
Maximum Daily Rainfall												1.46
Maximum Monthly Rainfall												2.52
Total Annual Rainfall												7.68
Number of Days with Rain												21

Notes:

Annual rainfall in millimeters: 195

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Reata Pass Wash (gage # 4585) for Water Year 2005

[illegible]

Notes:

Annual rainfall in millimeters: 459

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Reata Pass Wash (gage # 4585) for Water Year 2004

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1							.04					
2							1.61					
3				.04	.08							
4						.55						
5						1.77						
6											.04	
7												
8												
9	.08											
10	1.26											
11			.12									
12		1.14	.04									
13						.39					.04	
14										.12		
15											.12	
16												
17												
18											.04	.04
19												.16
20												
21				.08								
22				.28								
23					.98							
24			.04	.04	.08							
25				.12								
26			.16							.04		
27												
28												
29												
30					-----							
31		-----			-----		-----		-----			-----
SUM	1.34	1.14	0.35	0.55	1.14	2.72	1.65	0.00	0.00	0.16	0.24	0.20
ACC	1.34	2.48	2.83	3.39	4.53	7.24	8.90	8.90	8.90	9.06	9.29	9.49
MAX	1.26	1.14	0.16	0.28	0.98	1.77	1.61	0.00	0.00	0.12	0.12	0.16
NO.	2	1	4	5	3	3	2	0	0	2	4	2
							Maximum Daily Rainfall					1.77
							Maximum Monthly Rainfall					2.72
							Total Annual Rainfall					9.49
							Number of Days with Rain					28

Notes:

Annual rainfall in millimeters: 241

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Reata Pass Wash (gage # 4585) for Water Year 2003

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1						.24					.12	
2	.04					.04						
3												
4												
5												
6												
7												
8				.43								
9												
10												
11												
12					.08							
13					1.65							
14					.28						.31	
15							.12					
16						.94						
17			.12			.71						
18												
19											.04	
20			.04	.08						.12		
21												
22			.04									
23	.04		.31									
24												
25					.83							
26	.24				.08						.20	
27					.39						.04	
28					.16						.12	
29		.31	.04	-----						.31		
30		.08		-----						.04		
31		-----		-----			-----		-----			-----
SUM	0.31	0.39	0.55	0.51	3.46	1.93	0.12	0.00	0.00	0.47	0.83	0.00
ACC	0.31	0.71	1.26	1.77	5.24	7.17	7.28	7.28	7.28	7.76	8.58	8.58
MAX	0.24	0.31	0.31	0.43	1.65	0.94	0.12	0.00	0.00	0.31	0.31	0.00
NO.	3	2	5	2	7	4	1	0	0	3	6	0
							Maximum Daily Rainfall					1.65
							Maximum Monthly Rainfall					3.46
							Total Annual Rainfall					8.58
							Number of Days with Rain					33

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2											.04	
3												
4			.55									
5		.08									.12	
6												.08
7							.20					.04
8												
9										.04		.20
10				.08								.20
11			.04									
12										.12		
13												
14										.51		
15										.04		
16												
17												
18												
19												
20												
21												
22												
23										.08		
24												
25		.04										
26												
27												
28												
29					-----							
30				.16	-----							
31		-----			-----		-----		-----			-----
SUM	0.00	0.12	0.59	0.24	0.00	0.00	0.20	0.00	0.00	0.79	0.16	0.51
ACC	0.00	0.12	0.71	0.94	0.94	0.94	1.14	1.14	1.14	1.93	2.09	2.60
MAX	0.00	0.08	0.55	0.16	0.00	0.00	0.20	0.00	0.00	0.51	0.12	0.20
NO.	0	2	2	2	0	0	1	0	0	5	2	4
							Maximum Daily Rainfall					0.55
							Maximum Monthly Rainfall					0.79
							Total Annual Rainfall					2.60
							Number of Days with Rain					18

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Reata Pass Wash (gage # 4585) for Water Year 2001

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	----	----	----	----	----	----	----	----				
2	----	----	----	----	----	----	----	----				
3	----	----	----	----	----	----	----	----				
4	----	----	----	----	----	----	----	----				
5	----	----	----	----	----	----	----	----				
6	----	----	----	----	----	----	----	----				
7	----	----	----	----	----	----	----	----				
8	----	----	----	----	----	----	----	----				
9	----	----	----	----	----	----	----	----			.39	
10	----	----	----	----	----	----	----	----		.08		
11	----	----	----	----	----	----	----	----			.28	
12	----	----	----	----	----	----	----	----				
13	----	----	----	----	----	----	----	----				
14	----	----	----	----	----	----	----	----				
15	----	----	----	----	----	----	----	----				
16	----	----	----	----	----	----	----	----			.47	
17	----	----	----	----	----	----	----	----			.20	
18	----	----	----	----	----	----	----	----				
19	----	----	----	----	----	----	----	----				
20	----	----	----	----	----	----	----	----				
21	----	----	----	----	----	----	----	----				
22	----	----	----	----	----	----	----	----				
23	----	----	----	----	----	----	----	----				
24	----	----	----	----	----	----	----	----				
25	----	----	----	----	----	----	----	----	.04	.04		
26	----	----	----	----	----	----	----	----				
27	----	----	----	----	----	----	----	----				
28	----	----	----	----	----	----	----	----				
29	----	----	----	----	----	----	----	----		.47		
30	----	----	----	----	----	----	----	----		.12		
31	----	----	----	----	----	----	----	----	----			----
SUM	----	----	----	----	----	----	----	0.00	0.04	0.71	1.34	0.00
ACC	----	----	----	----	----	----	----	0.00	0.04	0.75	2.09	2.09
MAX	----	----	----	----	----	----	----	0.00	0.04	0.47	0.47	0.00
NO.	----	----	----	----	----	----	----	0	1	4	4	0
Maximum Daily Rainfall												0.47
Maximum Monthly Rainfall												1.34
Partial Annual Rainfall												2.09
Number of Days with Rain												9

Notes:

Partial annual rainfall in millimeters: 53

Total down-time: 0.00 days

Station installed on 05/15/01.