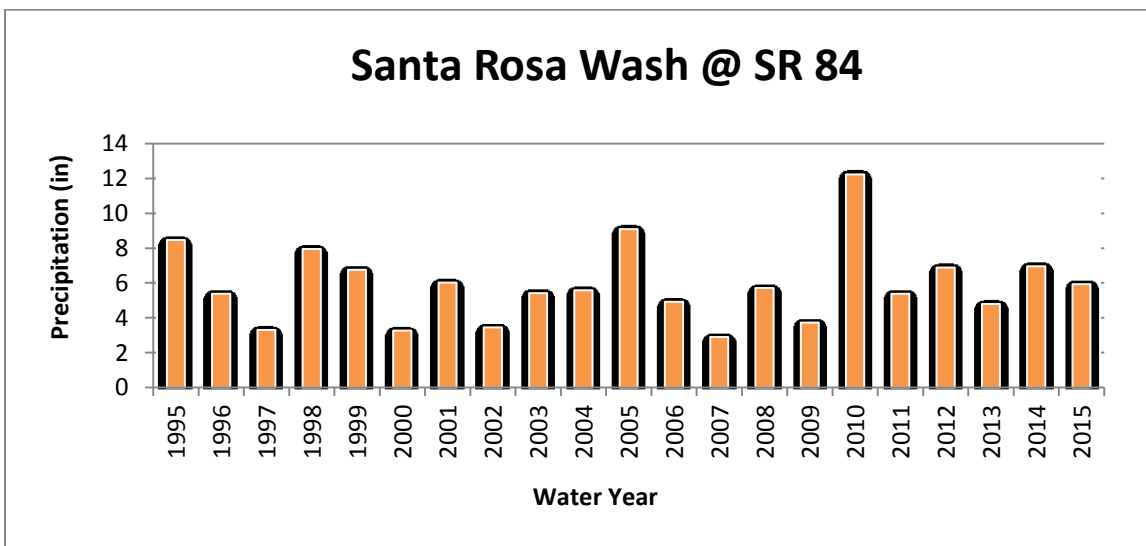




Station Name: Santa Rosa Wash at SR 84

Station ID Number History:	795 since 03/16/1994
Station Type:	Rain / Stream
Data Begins:	03/16/1994
Years Since Installation:	21.54 (as of 10/01/15)
Data Repeater:	Sacaton Peak
County:	Pinal
Latitude:	32° 52' 46.1" (32.87946)
Longitude:	111° 56' 48.1" (111.94670)
Elevation:	1,305 ft. msl
Location:	11 mi. west of SR 93 (Casa Grande)
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:	20	
Number of storms greater than 2 inches in 24 hours:	5	
Number of storms greater than 3 inches in 24 hours:	0	
		Approx. T _r
Greatest 15 minute total:	1.42" on 07/22/13	220 years
Greatest 1 hour total:	2.17" on 07/31/10	120 years
Greatest 3 hour total:	2.48" on 07/31/10	102 years
Greatest 6 hour total:	2.48" on 07/31/10	60 years
Greatest 24 hour total:	2.60" on 03/11/06	17 years
Greatest 72 hour total:	3.31" on 01/21/10	27 years

Water Year Totals (Mean of Complete Water Years [21] = 5.92 inches):

Water Year	Total	Water Year	Total	Water Year	Total
2020		2010	12.24	2000	3.27
2019		2009	3.74	1999	6.77
2018		2008	5.71	1998	7.95
2017		2007	2.91	1997	3.31
2016		2006	4.92	1996	5.39
2015	5.94	2005	9.09	1995	8.46
2014	6.97	2004	5.59	1994	M
2013	4.80	2003	5.43	1993	
2012	6.89	2002	3.46	1992	
2011	5.39	2001	6.02	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 Santa Rosa Wash @ SR 84 (gage # 795) for Water Year 2014

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1						.79					.31		
2						.04							
3										.39			
4													
5										.04			
6													
7													
8										.08		.98	
9												.12	
10													
11											.16		
12													
13											.28		
14										.04			
15													
16													
17												.08	
18													
19													
20			.55										
21		.04	.12								.04		
22		1.26											
23		.59											
24													
25										.31	.16		
26		.04										.08	
27												.47	
28													
29						----							
30						----							
31		----				----	----		----			----	
SUM	0.00	1.93	0.67	0.00	0.00	0.83	0.00	0.00	0.00	0.87	0.94	1.73	
ACC	0.00	1.93	2.60	2.60	2.60	3.43	3.43	3.43	3.43	4.29	5.24	6.97	
MAX	0.00	1.26	0.55	0.00	0.00	0.79	0.00	0.00	0.00	0.39	0.39	0.98	
NO.	0	4	2	0	0	2	0	0	0	5	5	5	
												Maximum Daily Rainfall	1.26
												Maximum Monthly Rainfall	1.93
												Total Annual Rainfall	6.97
												Number of Days with Rain	23

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Santa Rosa Wash @ SR 84 (gage # 795) for Water Year 2013

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2											----	.04
3											----	
4												
5												
6											.20	
7												
8						.28	.04					.43
9		.08										.39
10		.04										
11												
12												
13			.04									
14			.08									
15			.24									
16										.04		
17												
18			.04									
19												
20					.16							
21												
22										2.05		
23												
24												
25										.04		
26			----	.59								
27												
28												
29							----					
30							----				.04	
31		----					----		----			----
SUM	0.00	0.12	0.39	0.59	0.16	0.28	0.04	0.00	0.00	2.13	0.24	0.87
ACC	0.00	0.12	0.51	1.10	1.26	1.54	1.57	1.57	1.57	3.70	3.94	4.80
MAX	0.00	0.08	0.24	0.59	0.16	0.28	0.04	0.00	0.00	2.05	0.20	0.43
NO.	0	2	4	1	1	1	1	0	0	3	2	3
										Maximum Daily Rainfall		2.05
										Maximum Monthly Rainfall		2.13
										Total Annual Rainfall		4.80
										Number of Days with Rain		18

Gage 795 down from 12/25 03:29 (13) through 12/27 15:28 (13) due to data collision; no rain fell.
 Gage 795 down from 8/01 15:36 (94) through 8/04 09:36 (94) due to data collision; no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Santa Rosa Wash @ SR 84 (gage # 795) for Water Year 2012

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3			.08									
4		.04								1.57		
5		.16										
6	.08											
7		.08										
8												
9												
10												.20
11										.04		.31
12			.24							.31	.31	
13		.08	.91							.16	.04	
14					.04							
15											.35	
16												
17											.04	
18			.04			.55						
19												
20												
21											.98	
22												
23										.04	.04	
24										.04		
25												
26							.04					
27												
28												
29										.12		
30					----							
31		----			----		----		----			----
SUM	0.08	0.35	1.26	0.00	0.04	0.55	0.04	0.00	0.00	2.28	1.77	0.51
ACC	0.08	0.43	1.69	1.69	1.73	2.28	2.32	2.32	2.32	4.61	6.38	6.89
MAX	0.08	0.16	0.91	0.00	0.04	0.55	0.04	0.00	0.00	1.57	0.98	0.31
NO.	1	4	4	0	1	1	1	0	0	7	6	2
							Maximum Daily Rainfall			1.57		
							Maximum Monthly Rainfall			2.28		
							Total Annual Rainfall			6.89		
							Number of Days with Rain			27		

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Santa Rosa @ SR 84 (gage # 795) for Water Year 2009

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2										.04		
3										.31		
4				.28								
5												.16
6												
7												
8					.08							
9					.35							
10												
11												
12												
13											.16	
14												
15										.35		
16			.55									
17			.28		.16					.08		
18												
19												
20										.12		
21										.04		
22			.04	.04							.16	
23			.08	.12								
24												
25												
26		.08				----						
27		.16				----						
28						----						
29						----						
30						----						
31		----				----	----	----	----		.12	----
SUM	0.00	0.24	0.94	0.43	0.59	0.00	0.00	0.00	0.00	0.94	0.43	0.16
ACC	0.00	0.24	1.18	1.61	2.20	2.20	2.20	2.20	2.20	3.15	3.58	3.74
MAX	0.00	0.16	0.55	0.28	0.35	0.00	0.00	0.00	0.00	0.35	0.16	0.16
NO.	0	2	4	3	3	0	0	0	0	6	3	1
										Maximum Daily Rainfall		0.55
										Maximum Monthly Rainfall		0.94
										Total Annual Rainfall		3.74
										Number of Days with Rain		22

Notes:

Annual rainfall in millimeters: 95
 Gage 0795 down from 3/25 09:19 (56) through 3/31 15:20 (56) due to failure of Sacaton repeater, no rain fell.
 Total down-time: 6.25 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Santa Rosa @ SR 84 (gage # 795) for Water Year 2007

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4												
5												.04
6											.04	
7												
8												
9												
10		----										
11		----										
12		----										
13		----									.04	
14											.08	
15												
16										.28		.12
17												
18												
19				.04								
20					.08							
21				.04			.04			.63		
22						.79				.04		
23						.16				.16		
24										.04		
25										.08	.12	
26		----										
27		----										
28		----	.08							.04		
29												
30												
31		----						----	----			----
SUM	0.00	0.00	0.08	0.08	0.08	0.94	0.04	0.00	0.00	1.26	0.28	0.16
ACC	0.00	0.00	0.08	0.16	0.24	1.18	1.22	1.22	1.22	2.48	2.76	2.91
MAX	0.00	0.00	0.08	0.04	0.08	0.79	0.04	0.00	0.00	0.63	0.12	0.12
NO.	0	0	1	2	1	2	1	0	0	7	4	2
										Maximum Daily Rainfall		0.79
										Maximum Monthly Rainfall		1.26
										Total Annual Rainfall		2.91
										Number of Days with Rain		20

Notes:

Annual rainfall in millimeters: 74 Total down-time: 7.88 days
 Gage 0795 down from 11/09 22:47 (0) through 11/14 08:19 (0) due to transmitter failure; no rain fell.
 Gage 0795 down from 11/25 20:15 (0) through 11/29 07:45 (0) due to antenna problem, no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Santa Rosa @ SR 84 (gage # 795) for Water Year 2005

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2											.51	
3				1.06							.12	
4			.39	.24								
5			.24			.31						
6			.04									
7												
8												
9											.24	
10					.12							
11					.55						.08	
12		.12			.31							
13												
14												
15												
16												
17					.28							
18					.04							
19					.67							
20												
21	.28				.08							
22	.04	.16			.04						.08	
23										1.22		
24									.12			
25												
26				.24								
27												
28	.63											
29			.24		-----							
30					-----					.67		
31		-----			-----		-----		-----			-----
SUM	0.94	0.28	0.91	1.54	2.09	0.31	0.00	0.00	0.12	1.89	1.02	0.00
ACC	0.94	1.22	2.13	3.66	5.75	6.06	6.06	6.06	6.18	8.07	9.09	9.09
MAX	0.63	0.16	0.39	1.06	0.67	0.31	0.00	0.00	0.12	1.22	0.51	0.00
NO.	3	2	4	3	8	1	0	0	1	2	5	0
	Maximum Daily Rainfall											1.22
	Maximum Monthly Rainfall											2.09
	Total Annual Rainfall											9.09
	Number of Days with Rain											29

Notes:

Annual rainfall in millimeters: 231

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
[Daily Rainfall](#) at Santa Rosa @ SR 84 (gage # 795) for Water Year 2004

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1							.16					
2						.16	.04					
3					.04	.08						
4						.16	.51					
5												
6											.16	
7												
8							.04					
9												
10												
11			.08									
12		.31										
13								-----			.08	
14								-----				
15											.39	
16											.16	
17												
18											.16	1.14
19										.08		
20												
21				.04								
22				.31								
23				.35	.98							
24			.08									
25										.04		
26			.04									
27												
28												
29												
30					-----							
31		-----			-----		-----		-----			-----
SUM	0.00	0.31	0.20	0.71	1.02	0.39	0.75	0.00	0.00	0.12	0.94	1.14
ACC	0.00	0.31	0.51	1.22	2.24	2.64	3.39	3.39	3.39	3.50	4.45	5.59
MAX	0.00	0.31	0.08	0.35	0.98	0.16	0.51	0.00	0.00	0.08	0.39	1.14
NO.	0	1	3	3	2	3	4	0	0	2	5	1
							Maximum Daily Rainfall				1.14	
							Maximum Monthly Rainfall				1.14	
							Total Annual Rainfall				5.59	
							Number of Days with Rain				24	

Notes:

Annual rainfall in millimeters: 142 Total down-time: 3.00 days
 Gage 0795 down from 5/12 20:18 (86) through 5/15 20:18 (86) due to battery failure; no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Santa Rosa @ SR 84 (gage # 795) for Water Year 2003

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3						.04						
4												
5												
6												
7												
8				.55								
9												
10												
11												
12					.04						.04	
13					1.18						.75	
14					.24						.08	
15												
16												
17						.04						
18												
19												
20				.04								
21												
22												
23			.39								.31	
24									.12			.28
25					.04							.04
26					.20						.24	
27					.04						.04	
28										.12		
29		.35			-----					.16		
30		.08			-----					.04		
31		-----			-----		-----		-----			-----
SUM	0.00	0.43	0.39	0.59	1.73	0.08	0.00	0.00	0.00	0.43	1.46	0.31
ACC	0.00	0.43	0.83	1.42	3.15	3.23	3.23	3.23	3.23	3.66	5.12	5.43
MAX	0.00	0.35	0.39	0.55	1.18	0.04	0.00	0.00	0.00	0.16	0.75	0.28
NO.	0	2	1	2	6	2	0	0	0	4	6	2
							Maximum Daily Rainfall					1.18
							Maximum Monthly Rainfall					1.73
							Total Annual Rainfall					5.43
							Number of Days with Rain					25

Notes:

Total annual rainfall in millimeters: 138

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Santa Rosa @ SR 84 (gage # 795) for Water Year 2000

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4												
5												
6						1.26						
7						.20					.28	
8												
9												
10												.08
11												
12												
13												
14												
15												
16												
17									.04		.08	
18												
19												
20												
21												
22											.04	
23												
24											.04	
25											.04	
26												
27												
28									.31		.63	
29									.08		.16	
30						----			.04			
31		----			----		----		----			----
SUM	0.00	0.00	0.00	0.00	0.00	1.46	0.00	0.00	0.47	0.00	1.26	0.08
ACC	0.00	0.00	0.00	0.00	0.00	1.46	1.46	1.46	1.93	1.93	3.19	3.27
MAX	0.00	0.00	0.00	0.00	0.00	1.26	0.00	0.00	0.31	0.00	0.63	0.08
NO.	0	0	0	0	0	2	0	0	4	0	7	1
									Maximum Daily Rainfall		1.26	
									Maximum Monthly Rainfall		1.46	
									Total Annual Rainfall		3.27	
									Number of Days with Rain		14	

Notes:

Annual rainfall in millimeters: 83

Total down-time: 0 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Santa Rosa @ SR 84 (gage # 795) for Water Year 1999

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1							.24					
2			.04				.35					
3												
4							.16					
5										.04	.20	
6			.12									
7						.12	.08			1.10		
8												
9												
10										.16		
11												.12
12												
13							.04			.04		
14										2.44		.08
15			.08								.12	.04
16						.04						
17			.04									
18												
19												.04
20												----
21												
22												.35
23										.04		.51
24												
25												
26												
27												
28										.04	.08	
29						----				.04		
30						----						
31		----				----		----	----		.04	----
SUM	0.00	0.00	0.28	0.00	0.00	0.16	0.87	0.00	0.00	3.90	0.43	1.14
ACC	0.00	0.00	0.28	0.28	0.28	0.43	1.30	1.30	1.30	5.20	5.63	6.77
MAX	0.00	0.00	0.12	0.00	0.00	0.12	0.35	0.00	0.00	2.44	0.20	0.51
NO.	0	0	4	0	0	2	5	0	0	8	4	6
							Maximum Daily Rainfall					2.44
							Maximum Monthly Rainfall					3.90
							Total Annual Rainfall					6.77
							Number of Days with Rain					29

Notes:

Annual rainfall in millimeters: 172 Total down-time: 2.0 days
 Gage down from 9/19 10:36 (149) through 9/21 10:36 (150) due to repeater failure; assigned 1mm to 9/19.

Flood Control District of Maricopa County ALERT System
 Daily Rainfall at Santa Rosa R. @ SR 84 (gage # 795) for Water Year 1997

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												.04
2							.12					
3							.20				.04	
4							.04					
5												.20
6				.08								.16
7												
8											.59	
9									.12	.04		.08
10												
11												.16
12												
13				.08								
14	.20			.04								
15												.04
16												
17							.08					
18												
19								.04				
20												
21												
22		.08										
23												
24												
25												.12
26				.08							.04	
27		.08										
28					.28					.08		
29		.16										
30											.08	
31												
SUM	0.20	0.31	0.00	0.28	0.28	0.00	0.43	0.04	0.00	0.20	0.79	0.79
ACC	0.20	0.51	0.51	0.79	1.06	1.06	1.50	1.54	1.54	1.73	2.52	3.31
MAX	0.20	0.16	0.00	0.08	0.28	0.00	0.20	0.04	0.00	0.12	0.59	0.20
NO.	1	3	0	4	1	0	4	1	0	2	5	7
							Maximum Daily Rainfall					0.59
							Maximum Monthly Rainfall					0.79
							Total Annual Rainfall					3.31
							Number of Days with Rain					28

Notes:

Annual rainfall in millimeters: 84

Total down-time: 0 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Santa Rosa @ SR 84 (gauge # 795) for Water Year 1994

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1													
2													
3													
4													
5													
6													
7													
8											0.08		
9												1.77	
10												0.20	
11												0.12	
12											0.04		
13													
14													
15													
16											0.35		
17										0.04		0.04	
18										0.43	0.08		
19						0.04							
20						0.39							
21												0.12	
22													
23													
24								0.24					
25						0.63							
26							0.04						
27													
28										0.08			
29													
30													
31													
SUM						1.06	0.04	0.24	0.00	0.55	0.55	2.24	
ACC						1.06	1.10	1.34	1.34	1.89	2.44	4.69	
MAX						0.63	0.04	0.24	0.00	0.43	0.35	1.77	
NO.						3	1	1	0	3	4	5	
												Maximum Daily Rainfall	1.77
												Maximum Monthly Rainfall	2.24
												Partial Annual Rainfall	4.69
												Number of Days with Rain	17

Notes:

Partial annual rainfall in mm: 119

Gauge installed 3/16/94.

Gauge down from 9/3 23:12 (62) through 9/7 23:12 (62) due to repeater problem; assume no rain fell.

Gauge down from 7/28 11:09 (46) through 8/02 23:09 (48) due to repeater problem; assigned rainfall to 7/28.

Gauge down from 8/13 23:12 (51) through 8/17 23:13 (60) due to repeater problem; assigned rainfall to 8/16.