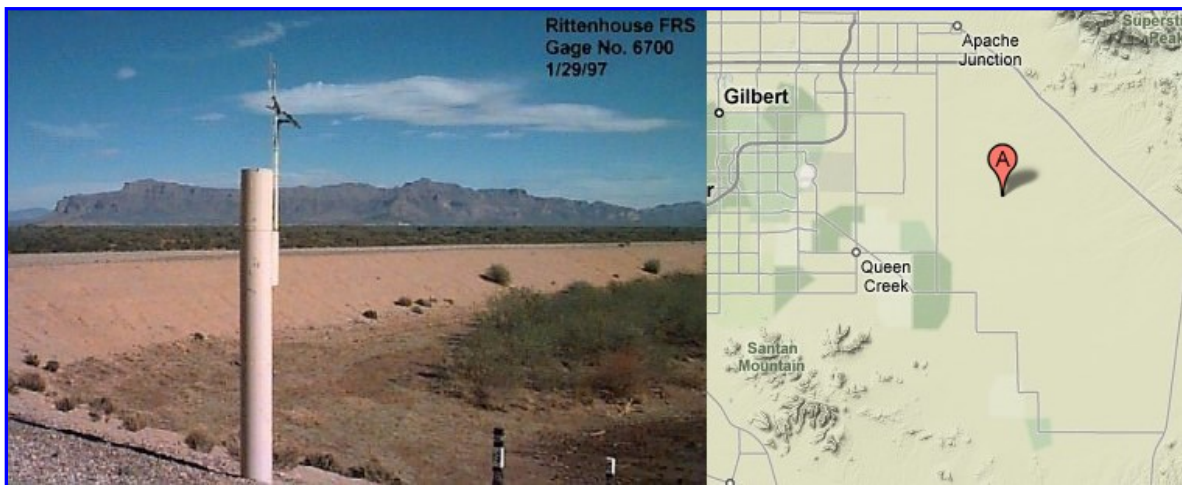
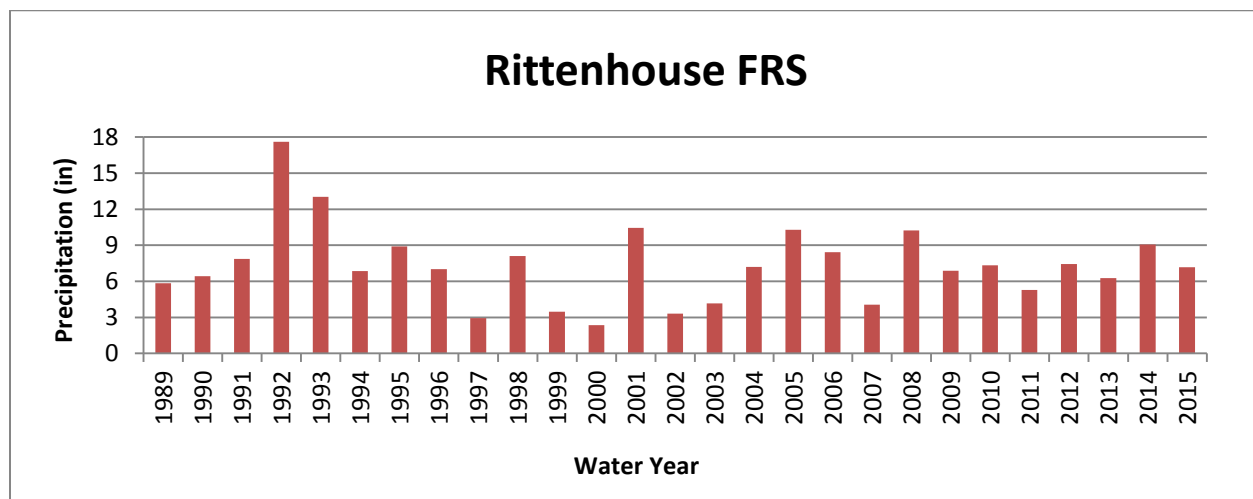




Station Name: Rittenhouse FRS

Station ID Number History:	6700 since 08/01/92 5700 from 09/27/88 - 08/01/92
Station Type:	Rain / Stage
Data Begins:	09/27/1988
Years of Record:	27.01 (as of 10/01/15)
Data Repeater:	Sacaton Peak
County:	Pinal
Latitude:	33° 17' 20.3" (33.28896)
Longitude:	111° 30' 23.7" (111.50659)
Elevation:	1,590 ft. msl
Location:	Near the alignments of Goldfield Road and Germann 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:	30	
Number of storms greater than 2 inches in 24 hours:	2	
Number of storms greater than 3 inches in 24 hours:	0	
		Approx. T _r
Greatest 15 minute total:	0.79" on 09/09/06	11 years
Greatest 1 hour total:	1.50" on 09/09/06	18 years
Greatest 3 hour total:	1.50" on 09/09/06	11 years
Greatest 6 hour total:	1.93" on 09/08/14	19 years
Greatest 24 hour total:	2.36" on 09/08/14	10 years
Greatest 72 hour total:	2.64" on 01/21/10	8 years

Water Year Totals: (Mean of Complete Water Years [27] = 7.33 inches)

Water Year	Total	Water Year	Total	Water Year	Total	Water Year	Total
2020		2010	7.32	2000	2.36	1990	6.42
2019		2009	6.89	1999	3.46	1989	5.83
2018		2008	10.24	1998	8.11	1988	M
2017		2007	4.06	1997	2.95	1987	
2016		2006	8.43	1996	7.01	1986	
2015	7.17	2005	10.28	1995	8.90	1985	
2014	9.06	2004	7.20	1994	6.85	1984	
2013	6.26	2003	4.17	1993	13.03	1983	
2012	7.44	2002	3.31	1992	17.60	1982	
2011	5.28	2001	10.43	1991	7.87	1981	

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 Rittenhouse FRS (gage # 6700) for Water Year 2015

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1				.08	.04							.04	
2						.43							
3										.12			
4			.67										
5									.04				
6									.08				
7											.20		
8	.28												
9	.04												
10													
11				.04							.12		
12				.04							.04		
13			.20	.24									
14													
15								.71		.43		.04	
16								.08		.04			
17			.08										
18						.08				.24			
19						.08							
20													
21												.12	
22												.08	
23													
24					.04								
25											.04		
26				.04			.12						
27				.04									
28													
29				.16	----								
30				1.57	----								
31		----	.47	.04	----		----		----			----	
SUM	0.31	0.00	1.42	2.24	0.08	0.59	0.12	0.79	0.12	0.83	0.39	0.28	
ACC	0.31	0.31	1.73	3.98	4.06	4.65	4.76	5.55	5.67	6.50	6.89	7.17	
MAX	0.28	0.00	0.67	1.57	0.04	0.43	0.12	0.71	0.08	0.43	0.20	0.12	
NO.	2	0	4	9	2	3	1	2	2	4	4	4	
Maximum Daily Rainfall													1.57
Maximum Monthly Rainfall													2.24
Total Annual Rainfall													7.17
Number of Days with Rain													37

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Rittenhouse FRS (gage # 6700) for Water Year 2014

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1						1.06						
2						.12					.04	
3												
4			.04									
5												
6					----							
7					----							
8												2.36
9										.04		
10	.08										.20	.04
11												
12											.94	
13										.55		
14												
15												
16												
17											.20	
18												
19											.12	
20			.35									
21		.08										
22		1.26										
23		.63										
24												
25												
26							.04			.04		
27												.87
28												
29					----							
30					----							
31		----			----		----		----			----
SUM	0.08	1.97	0.39	0.00	0.00	1.18	0.04	0.00	0.00	0.63	1.50	3.27
ACC	0.08	2.05	2.44	2.44	2.44	3.62	3.66	3.66	3.66	4.29	5.79	9.06
MAX	0.08	1.26	0.35	0.00	0.00	1.06	0.04	0.00	0.00	0.55	0.94	2.36
NO.	1	3	2	0	0	2	1	0	0	3	5	3
												Maximum Daily Rainfall
												2.36
												Maximum Monthly Rainfall
												3.27
												Total Annual Rainfall
												9.06
												Number of Days with Rain
												20

Gage 6700 down from 2/05 22:35 (62) through 2/08 04:35 (62) due to data collision; no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Rittenhouse FRS (gage # 6700) for Water Year 2013

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1													
2													
3													
4													
5													
6										.16	.08		
7											.12	.04	
8						.75	.16					.12	
9		.20										.04	
10		.31											
11													
12													
13			.28										
14			.24										
15			.51										
16													
17													
18													
19			.20										
20					.55								
21										.35			
22													
23													
24													
25													
26				.98									
27				.04						.08			
28				.04									
29					----								
30			.16		----						.83		
31		----	.04		----		----		----			----	
SUM	0.00	0.51	1.42	1.06	0.55	0.75	0.16	0.00	0.00	0.59	1.02	0.20	
ACC	0.00	0.51	1.93	2.99	3.54	4.29	4.45	4.45	4.45	5.04	6.06	6.26	
MAX	0.00	0.31	0.51	0.98	0.55	0.75	0.16	0.00	0.00	0.35	0.83	0.12	
NO.	0	2	6	3	1	1	1	0	0	3	3	3	
Maximum Daily Rainfall													0.98
Maximum Monthly Rainfall													1.42
Total Annual Rainfall													6.26
Number of Days with Rain													23

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Rittenhouse FRS (gage # 6700) for Water Year 2012

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1													
2													
3			.08										
4												.24	
5		.12											
6													
7		.12										.43	
8													
9								.12					
10													
11													
12			.67										
13		.04	.83										
14					.16		.08			.67			
15													
16				.04									
17											.08		
18						.51							
19													
20													
21		.04								.20	.47		
22											.04		
23											1.34		
24		.04									.08		
25		.08											
26													
27													
28										.08			
29										.91			
30					----								
31		----			----		----		----			----	
SUM	0.00	0.43	1.57	0.04	0.16	0.51	0.08	0.12	0.00	1.85	2.01	0.67	
ACC	0.00	0.43	2.01	2.05	2.20	2.72	2.80	2.91	2.91	4.76	6.77	7.44	
MAX	0.00	0.12	0.83	0.04	0.16	0.51	0.08	0.12	0.00	0.91	1.34	0.43	
NO.	0	6	3	1	1	1	1	1	0	4	5	2	
Maximum Daily Rainfall													1.34
Maximum Monthly Rainfall													2.01
Total Annual Rainfall													7.44
Number of Days with Rain													25

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Rittenhouse FRS (gage # 6700) for Water Year 2011

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4	.08											
5	.67											
6												
7												
8												
9							.63			.04		.08
10												.28
11												
12												
13												
14												.04
15	----											
16	----		.20									
17	----											
18											.08	
19					.55							
20					.08							
21		.24				.28						
22			.12			.04						
23			.28									
24												
25												
26												
27					.47							
28												
29			.55		----							
30			.08		----					.16		
31		----			----		----		----	.31		----
SUM	0.75	0.24	1.22	0.00	1.10	0.31	0.63	0.00	0.00	0.51	0.08	0.39
ACC	0.75	0.98	2.20	2.20	3.35	3.66	4.29	4.29	4.29	4.80	4.88	5.28
MAX	0.67	0.23	0.55	0.00	0.55	0.28	0.63	0.00	0.00	0.31	0.08	0.28
NO.	2	1	5	0	3	2	1	0	0	3	1	3
							Maximum Daily Rainfall					0.67
							Maximum Monthly Rainfall					1.22
							Total Annual Rainfall					5.28
							Number of Days with Rain					21

Annual Total (mm): 134

Days Down: 4.25

Gage 6700 down from 10/14 03:24 (19) through 10/18 09:24 (19) due to data collision; no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Rittenhouse FRS (gage # 6700) for Water Year 2010

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1													
2													
3													
4													
5													
6			.04										
7			.35		.08	.31							
8			.12			.31							
9						.04							
10													
11													
12													
13													
14													
15													
16													
17													
18													
19				.83									
20				.04	.16								
21				1.54	.12						.31		
22			.24	.31	.31						.04		
23			.04			.16							
24											.08		
25													
26													
27				.08						.47			
28				.16	.67								
29		.12		.16	----								
30					----					.20			
31		----			----		----		----	.04		----	
SUM	0.00	0.12	0.79	3.11	1.33	0.83	0.00	0.00	0.00	0.71	0.43	0.00	
ACC	0.00	0.12	0.91	4.02	5.35	6.18	6.18	6.18	6.18	6.89	7.32	7.32	
MAX	0.00	0.12	0.35	1.54	0.67	0.31	0.00	0.00	0.00	0.47	0.31	0.00	
NO.	0	1	5	7	5	4	0	0	0	3	3	0	
Maximum Daily Rainfall													1.54
Maximum Monthly Rainfall													3.11
Total Annual Rainfall													7.32
Number of Days with Rain													28

Notes:

Annual rainfall in millimeters: 186

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Rittenhouse FRS (gage # 6700) for Water Year 2009

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1													
2										.12			
3												.28	
4				.04									
5				.04								.55	
6													
7													
8			.04		.59								
9		.55			.28								
10					.04								
11							.87						
12													
13					.04								
14													
15													
16			.47										
17			.35		.16								
18			.08										
19													
20										.28			
21				.04						.12			
22			.16	.04				.12					
23			.24										
24				.04									
25			.12										
26		.39	.28			----							
27		.39				----							
28						----			.08				
29					----	----							
30					----	----							
31		----			----		----		----		.12	----	
SUM	0.00	1.34	1.73	0.20	1.10	0.00	0.87	0.12	0.08	0.51	0.12	0.83	
ACC	0.00	1.34	3.07	3.27	4.37	4.37	5.24	5.35	5.43	5.94	6.06	6.89	
MAX	0.00	0.55	0.47	0.04	0.59	0.00	0.87	0.12	0.08	0.28	0.12	0.55	
NO.	0	3	8	5	5	0	1	1	1	3	1	2	
Maximum Daily Rainfall													0.87
Maximum Monthly Rainfall													1.73
Total Annual Rainfall													6.89
Number of Days with Rain													30

Notes:

Annual rainfall in millimeters: 175

Total down-time: 6.25 days

Gage 6700 down from 3/25 09:45 (111) through 3/31 15:46 (111) due to failure of Sacaton repeater, no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Rittenhouse FRS (gage # 6700) for Water Year 2008

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			.20									
2												
3												
4					.83							
5				.04								
6				.08						.08		
7			.31	.31								
8			.47								.04	
9												
10			.63							.67		.04
11			.24							.28		.04
12			.04									
13												
14												
15					.35							
16												
17												
18					.04							
19												
20					.04							
21					.04							
22								1.10				
23		----						.16				
24		----										
25									.08		.51	
26												
27				.91							.51	
28				.04							.16	
29				.04								
30		1.54			----							
31		----			----		----		----		.43	----
SUM	0.00	1.54	1.89	1.42	1.30	0.00	0.00	1.26	0.08	1.02	1.65	0.08
ACC	0.00	1.54	3.43	4.84	6.14	6.14	6.14	7.40	7.48	8.50	10.16	10.24
MAX	0.00	1.54	0.63	0.91	0.83	0.00	0.00	1.10	0.08	0.67	0.51	0.04
NO.	0	1	6	6	5	0	0	2	1	3	5	2
Maximum Daily Rainfall												1.54
Maximum Monthly Rainfall												1.89
Total Annual Rainfall												10.24
Number of Days with Rain												31

Notes:

Annual rainfall in millimeters: 260

Total down-time: 2.75 days

Gage 6700 down from 11/22 10:51 (0) through 11/25 04:51 (0) due to data collision; no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Rittenhouse FRS (gage # 6700) for Water Year 2007

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1					.04							.08
2												
3												
4												
5	.04											
6	.31											
7												
8	.16											
9												
10												
11												
12							.16					
13					.04		.04					
14											.16	
15												
16												
17												
18												
19				.24	.39							
20					.04							
21				.08						.43		
22			.12			.63				.04		
23			.04			.04						
24	.08					.31						
25											.04	
26												
27			.04									
28			.04							.04		
29					----							
30				.12	----					.20		
31		----		.08	----		----		----	.04		----
SUM	0.59	0.00	0.24	0.51	0.51	0.98	0.20	0.00	0.00	0.75	0.20	0.08
ACC	0.59	0.59	0.83	1.34	1.85	2.83	3.03	3.03	3.03	3.78	3.98	4.06
MAX	0.31	0.00	0.12	0.24	0.39	0.63	0.16	0.00	0.00	0.43	0.16	0.08
NO.	4	0	4	4	4	3	2	0	0	5	2	1
Maximum Daily Rainfall												0.63
Maximum Monthly Rainfall												0.98
Total Annual Rainfall												4.06
Number of Days with Rain												29

Notes:

Annual rainfall in millimeters: 103

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Rittenhouse FRS (gage # 6700) for Water Year 2006

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1													
2												.31	
3												.04	
4													
5										.31			
6													
7												.75	
8													
9												1.50	
10													
11						2.09							
12						.12					.47		
13													
14											.12		
15										.12			
16													
17	.12												
18	.16												
19						.20							
20													
21						.04							
22													
23													
24											.20		
25									.04	.71			
26										.04			
27										.51			
28													
29					----								
30					----					.16			
31		----			----		----		----	.43		----	
SUM	0.28	0.00	0.00	0.00	0.00	2.44	0.00	0.00	0.04	2.28	0.79	2.60	
ACC	0.28	0.28	0.28	0.28	0.28	2.72	2.72	2.72	2.76	5.04	5.83	8.43	
MAX	0.16	0.00	0.00	0.00	0.00	2.09	0.00	0.00	0.04	0.71	0.47	1.50	
NO.	2	0	0	0	0	4	0	0	1	7	3	4	
Maximum Daily Rainfall													2.09
Maximum Monthly Rainfall													2.60
Total Annual Rainfall													8.43
Number of Days with Rain													21

Notes:

Annual rainfall in millimeters: 214

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Rittenhouse FRS (gage # 6700) for Water Year 2005

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												.28
2											.83	.04
3				.71							.04	
4			.55	.43								
5			.12	.04		.16						
6			.20			.31						
7												
8											.12	
9											.04	
10					.08							
11					.87							
12					.83						.16	
13												
14												
15												
16												
17												
18					.12							
19					.87							
20					.04							
21	.08											
22		.24			.24					.08	.04	
23		.08					.12				.28	
24							.08					
25										.08		
26				.39								
27										.43		
28	.55											
29	.04		.51		-----							
30			.16		-----					.08		
31		-----			-----		-----		-----			-----
SUM	0.67	0.31	1.54	1.57	3.03	0.47	0.20	0.00	0.00	0.67	1.50	0.31
ACC	0.67	0.98	2.52	4.09	7.13	7.60	7.80	7.80	7.80	8.46	9.96	10.28
MAX	0.55	0.24	0.55	0.71	0.87	0.31	0.12	0.00	0.00	0.43	0.83	0.28
NO.	3	2	5	4	7	2	2	0	0	4	7	2
							Maximum Daily Rainfall					0.87
							Maximum Monthly Rainfall					3.03
							Total Annual Rainfall					10.28
							Number of Days with Rain					38

Notes:

Annual rainfall in millimeters: 261

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Rittenhouse FRS (gage # 6700) for Water Year 2004

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2							1.54					
3					.12							
4						.51						
5						.55						
6												
7												
8	.04											
9												
10												
11			.31									
12		.43										
13		.12										
14				.12						.04		
15											.08	
16											.94	
17												
18												.67
19												.08
20												
21				.20								
22				.39								
23				.04	.59							
24				.08						.04		
25				.24						.08		
26												
27												
28												
29												
30					-----							
31		-----			-----		-----		-----			-----
SUM	0.04	0.55	0.31	1.06	0.71	1.06	1.54	0.00	0.00	0.16	1.02	0.75
ACC	0.04	0.59	0.91	1.97	2.68	3.74	5.28	5.28	5.28	5.43	6.46	7.20
MAX	0.04	0.43	0.31	0.39	0.59	0.55	1.54	0.00	0.00	0.08	0.94	0.67
NO.	1	2	1	6	2	2	1	0	0	3	2	2
							Maximum Daily Rainfall					1.54
							Maximum Monthly Rainfall					1.54
							Total Annual Rainfall					7.20
							Number of Days with Rain					22

Notes:

Annual rainfall in millimeters: 183

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Rittenhouse FRS (gage # 6700) for Water Year 2003

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1											.04	
2												
3												
4												
5												
6												.04
7												
8												
9				.04								
10												.24
11												
12					.04							
13					.51							
14					.47						.16	
15							.12				.04	
16						.43						
17	.04		.08									
18												
19											.08	
20												
21										.04		
22												
23			.28							.12		
24												.08
25					.35							
26					.35							
27					.16							
28					.08							
29		.24			-----					.04		
30		.12			-----							
31		-----			-----		-----		-----			-----
SUM	0.04	0.35	0.35	0.04	1.97	0.43	0.12	0.00	0.00	0.20	0.31	0.35
ACC	0.04	0.39	0.75	0.79	2.76	3.19	3.31	3.31	3.31	3.50	3.82	4.17
MAX	0.04	0.24	0.28	0.04	0.51	0.43	0.12	0.00	0.00	0.12	0.16	0.24
NO.	1	2	2	1	7	1	1	0	0	3	4	3
Maximum Daily Rainfall												0.51
Maximum Monthly Rainfall												1.97
Total Annual Rainfall												4.17
Number of Days with Rain												25

Notes:

Total annual rainfall in millimeters: 106

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Rittenhouse FRS (gage # 6700) for Water Year 2001

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4		.08										
5							.24					
6		.67					.59					
7						1.18						
8				.12	.08							
9				.47						.31		
10	.31	.12				.08	.04					
11	.08											
12				.39								
13				.04								
14					.16							.24
15					.04	.04						
16				.28							.35	
17												
18												
19												
20												
21	.28						.47					
22	.35											
23	.08											
24												
25												
26												
27	1.14			.51	.20							
28	.20											
29					----					.28		
30	.24				----					.79		
31		----			----		----		----			----
SUM	2.68	0.87	0.00	1.81	0.47	1.30	1.34	0.00	0.00	1.06	0.67	0.24
ACC	2.68	3.54	3.54	5.35	5.83	7.13	8.46	8.46	8.46	9.53	10.20	10.43
MAX	1.14	0.67	0.00	0.51	0.20	1.18	0.59	0.00	0.00	0.79	0.35	0.24
NO.	8	3	0	6	4	3	4	0	0	2	2	1
							Maximum Daily Rainfall					1.18
							Maximum Monthly Rainfall					2.68
							Total Annual Rainfall					10.43
							Number of Days with Rain					33

Notes:

Annual rainfall in millimeters: 265

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Rittenhouse FRS (gage # 6700) for Water Year 2000

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4												
5						.08						
6						1.42						
7						.43					.04	
8												
9												
10												
11											.04	
12												
13												
14												
15												
16												
17											.04	
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28						.08						
29									.08			
30					----						.16	
31		----			----		----		----			----
SUM	0.00	0.00	0.00	0.00	0.00	2.01	0.00	0.00	0.08	0.00	0.28	0.00
ACC	0.00	0.00	0.00	0.00	0.00	2.01	2.01	2.01	2.09	2.09	2.36	2.36
MAX	0.00	0.00	0.00	0.00	0.00	1.42	0.00	0.00	0.08	0.00	0.16	0.00
NO.	0	0	0	0	0	4	0	0	1	0	4	0
							Maximum Daily Rainfall					1.42
							Maximum Monthly Rainfall					2.01
							Total Annual Rainfall					2.36
							Number of Days with Rain					9

Notes:

Annual rainfall in millimeters: 60

Total down-time: 0 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Rittenhouse FRS (gage # 6700) for Water Year 1999

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1							.47					
2							.43					
3												
4					.04		.39					
5					.04							
6			.04									
7												
8												
9												
10												
11												
12												
13												
14												.39
15												.04
16						.04						
17												
18												
19										.08	.04	.31
20												
21												
22												
23												.04
24												
25											.31	
26												
27											.31	
28		.20					.04				.16	
29					----					.04		
30		.04			----							
31		----			----		----		----			----
SUM	0.00	0.24	0.04	0.00	0.08	0.04	1.34	0.00	0.00	0.12	0.83	0.79
ACC	0.00	0.24	0.28	0.28	0.35	0.39	1.73	1.73	1.73	1.85	2.68	3.46
MAX	0.00	0.20	0.04	0.00	0.04	0.04	0.47	0.00	0.00	0.08	0.31	0.39
NO.	0	2	1	0	2	1	4	0	0	2	4	4
Maximum Daily Rainfall												0.47
Maximum Monthly Rainfall												1.34
Total Annual Rainfall												3.46
Number of Days with Rain												20

Notes:

Annual rainfall in millimeters: 88

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Rittenhouse FRS (gage # 6700) for Water Year 1998

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			.24				.20				.31	
2			.04									
3												
4					.59							.16
5				.04								.12
6												.08
7			.12									
8			----		.51							
9			----		.47							.04
10				.12								
11		.04										
12												
13										----		
14		.08				.12				----		
15					.51						.08	
16										.04		
17					.20	.04						
18					.12							
19												
20					.28							
21			.04								.04	
22	.24		.43							.39		
23												
24					.55						.08	
25												
26						.91						
27												
28						.39						
29					----	.08						
30					----	.39						
31		----			----		----		----			----
SUM	0.24	0.12	0.87	0.16	3.23	1.93	0.20	0.00	0.00	0.43	0.51	0.39
ACC	0.24	0.35	1.22	1.38	4.65	6.57	6.77	6.77	6.77	7.20	7.72	8.11
MAX	0.24	0.08	0.43	0.12	0.59	0.91	0.20	0.00	0.00	0.39	0.31	0.16
NO.	1	2	5	2	8	6	1	0	0	2	4	4
Maximum Daily Rainfall												0.91
Maximum Monthly Rainfall												3.27
Total Annual Rainfall												8.11
Number of Days with Rain												35

Notes:

Annual rainfall in millimeters: 206 Total down-time: 4.8 days
Gage down from 12/07 2:02 (18) through 12/10 9:45 (19) due to vandalism; assigned 1mm to 12/07.
Gage down from 7/13 21:55 (172) through 7/15 9:55 (172) due to solar panel failure; no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Rittenhouse FRS (gage # 6700) for Water Year 1997

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2											.16	
3							.24				.08	
4												
5												
6												.04
7											.04	
8											.16	
9											.04	
10												
11												
12												
13				.43	.04							
14				.28							.24	
15		.04										
16												
17												
18												
19												
20												
21										.04		
22		.12										
23												
24												
25												
26				.04								
27					.08							
28					.39							
29		.12										
30											.39	
31												
SUM	0.00	0.28	0.00	0.75	0.51	0.00	0.24	0.00	0.00	0.04	1.10	0.04
ACC	0.00	0.28	0.28	1.02	1.54	1.54	1.77	1.77	1.77	1.81	2.91	2.95
MAX	0.00	0.12	0.00	0.43	0.39	0.00	0.24	0.00	0.00	0.04	0.39	0.04
NO.	0	3	0	3	3	0	1	0	0	1	7	1
Maximum Daily Rainfall												0.43
Maximum Monthly Rainfall												1.10
Total Annual Rainfall												2.95
Number of Days with Rain												19

Notes:

Annual rainfall in millimeters: 75

Total down-time: 0 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Rittenhouse FRS (gage # 6700) for Water Year 1996

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		.12			.55							
2		.75										1.54
3												
4												
5		.16										.04
6		.20										
7												
8											.12	
9									.91			
10												.04
11												.39
12												.16
13						.20						.91
14						.04						
15												
16												
17												
18												
19												
20												
21												
22											.12	
23												
24												
25					.04					.43		
26					.28							
27											.04	
28												
29												
30												
31												
SUM	0.00	1.22	0.00	0.00	0.87	0.24	0.00	0.00	0.00	1.34	0.28	3.07
ACC	0.00	1.22	1.22	1.22	2.09	2.32	2.32	2.32	2.32	3.66	3.94	7.01
MAX	0.00	0.75	0.00	0.00	0.55	0.20	0.00	0.00	0.00	0.91	0.12	1.54
NO.	0	4	0	0	3	2	0	0	0	2	3	6
Maximum Daily Rainfall												1.54
Maximum Monthly Rainfall												3.07
Total Annual Rainfall												7.01
Number of Days with Rain												20

Notes:

Annual Rainfall in mm: 178

Gage down from 3/01 08:55 (53) through 3/05 20:55 (53) for unknown reason; no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Rittenhouse FRS (gage # 6700) for Water Year 1995

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3		0.20										
4			0.04	0.59								
5			0.55	0.79		0.12						
6			0.31			0.47						0.08
7								0.08				0.16
8												
9												
10												
11		0.04		0.04		0.24				0.08		
12		0.75		0.08						0.04		
13					0.16							
14												
15	0.79				0.08							
16	0.04						0.04				0.59	
17				0.12								
18												
19							0.04				0.08	
20											0.20	
21												
22					0.08							
23			0.24								0.04	
24												
25			0.55	0.12								
26			0.35									
27												
28												0.63
29			0.04									
30			0.04									
31												
SUM	0.83	0.98	2.13	1.73	0.31	0.83	0.08	0.08	0.00	0.12	0.91	0.87
ACC	0.83	1.81	3.94	5.67	6.02	6.85	6.93	7.01	7.01	7.13	8.03	8.90
MAX	0.79	0.75	0.55	0.79	0.16	0.47	0.04	0.08	0.00	0.08	0.59	0.63
NO.	2	3	8	6	3	3	2	1	0	2	4	3
Maximum Daily Rainfall												0.79
Maximum Monthly Rainfall												2.13
Total Annual Rainfall												8.90
Number of Days with Rain												37

Notes:

Gage down from 4/14 10:39 (174) through 4/17 11:23 (175) due to transmitter failure; assigned rainfall to 4/16.

Annual rainfall in mm: 226

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Rittenhouse FRS (gage # 6700) for Water Year 1994

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5											0.47	
6	0.75											
7					0.39	0.35						
8					0.35	0.04						
9												
10												
11		0.28									0.16	
12		0.39										
13		0.63										
14		0.55										
15		0.31										
16												
17										0.04		
18										0.28		
19						0.12						
20						0.04						
21												0.04
22												
23												
24							0.16	0.55				
25				0.12		0.39						
26							0.35				0.04	
27												
28										0.04		
29												
30												
31												
SUM	0.75	2.17	0.00	0.12	0.75	0.94	0.51	0.55	0.00	0.35	0.67	0.04
ACC	0.75	2.91	2.91	3.03	3.78	4.72	5.24	5.79	5.79	6.14	6.81	6.85
MAX	0.75	0.63	0.00	0.12	0.39	0.39	0.35	0.55	0.00	0.28	0.47	0.04
NO.	1	5	0	1	2	5	2	1	0	3	3	1
							Maximum Daily Rainfall					0.75
							Maximum Monthly Rainfall					2.17
							Estimated Annual Rainfall					6.85
							Number of Days with Rain					24

Notes:

Annual rainfall in mm: 174

Gage down from 8/05 11:31 (156) through 8/08 09:54 (168) for unknown reason; assigned rainfall to 8/05.

Gage lost memory on 8/11, rainfall total is estimated; monthly (Aug) and annual totals are estimated.

Gage down from 9/02 09:34 (173) through 9/06 11:15 (173) for unknown reason; assume no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Rittenhouse FRS (gage # 6700) for Water Year 1993

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3			.08	.20								
4			1.02									
5			.12									
6				.39								
7				.98								
8			.83	.39	.35							
9					.12							
10				.63	.35							
11				.47						.28		
12			.04	.20								
13				.12								
14				.16	.24							
15				.16	.16			.04				
16				.16								
17				.04								
18			.12	.98								
19				.04	.04							
20					.04						.08	
21												
22												
23	.12											
24	.04										.31	
25												
26						.55					.04	
27			.04			.43					.91	
28	.31		.79		.28	.12						
29					-----	.24						
30					-----						.04	
31		-----			-----		-----		-----			-----
SUM	0.47	0.00	3.03	4.92	1.57	1.34	0.00	0.04	0.00	0.28	1.38	0.00
ACC	0.47	0.47	3.50	8.43	10.00	11.34	11.34	11.38	11.38	11.65	13.03	13.03
MAX	0.31	0.00	1.02	0.98	0.35	0.55	0.00	0.04	0.00	0.28	0.91	0.00
NO.	3	0	8	14	8	4	0	1	0	1	5	0
Maximum Daily Rainfall												1.02
Maximum Monthly Rainfall												4.92
Total Annual Rainfall												13.03
Number of Days with Rain												44

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Rittenhouse FRS (gage # 6700) for Water Year 1992

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1							.79				.16	
2						.20						
3				.55		.28			.04		.04	
4				.20		.04					.04	
5				.75				.20			.08	
6				.87							.59	
7				.04	.47	.16					.04	
8				.04		.04		.16				
9				.04		.87						
10		.35	.31		.35							
11		.04	.35		.04					.04	.12	
12				.08	.04							
13					.47							
14		.04										
15		.08										
16					.08							
17												
18			.35									
19			.20									
20			.12	.12				.04				.35
21						.08		.20				
22											1.85	
23								.04		.04	.47	
24										1.30		
25												
26												
27	.79					.63						
28						.20						
29			.04							.87		
30		.79	.08		-----							
31		-----			-----		-----		-----			-----
SUM	0.79	1.30	1.46	2.68	1.46	2.48	0.79	0.63	0.04	2.24	3.39	0.35
ACC	0.79	2.09	3.54	6.22	7.68	10.16	10.94	11.57	11.61	13.86	17.24	17.60
MAX	0.79	0.79	0.35	0.87	0.47	0.87	0.79	0.20	0.04	1.30	1.85	0.35
NO.	1	5	7	9	6	9	1	5	1	4	9	1

Maximum Daily Rainfall	1.85
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Maximum Monthly Rainfall	3.39
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Total Annual Rainfall	17.60
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Number of Days with Rain	58
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Flood Control District of Maricopa County ALERT System
Daily Rainfall at Rittenhouse FRS (gage # 6700) for Water Year 1991

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1						.20						
2		.39										
3												.16
4				.91								.39
5												.39
6												
7				.04								
8												
9											.08	
10												
11											.04	
12									.04			
13												
14												
15			.55			.39						
16			.24			.04						
17					.16							
18												
19						.39						.04
20		.55	.12			.63						
21		.04				.08						
22												
23												
24												
25												
26		.04				.24						
27		.04				.47						
28			.39		.39							
29			.24		-----	.04						
30					-----					.04		
31		-----			-----		-----		-----			-----
SUM	0.00	1.06	1.54	0.94	0.55	2.48	0.00	0.00	0.04	0.04	0.12	0.98
ACC	0.00	1.18	2.72	3.66	4.21	6.69	6.69	6.69	6.73	6.77	6.89	7.87
MAX	0.00	0.55	0.55	0.91	0.39	0.63	0.00	0.00	0.04	0.04	0.08	0.39
NO.	0	5	5	2	2	9	0	0	1	1	2	4
Maximum Daily Rainfall												0.91
Maximum Monthly Rainfall												2.48
Total Annual Rainfall												7.87
Number of Days with Rain												31

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Rittenhouse FRS (gage # 6700) for Water Year 1990

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1					.51						.16	
2				.39								
3	.04			.04								.04
4	.12											
5					.04							.04
6												
7												
8					.24					.12		
9												
10						.31			.04			
11											.04	
12						.16						
13											.08	
14					.16						.51	.28
15				.12							.35	
16												
17				.31								
18				.20								.39
19					.31							
20	.16											.08
21												
22												
23												
24							.47			.04		
25												
26												
27												
28			.04					.04				
29			.28		-----			.08				
30					-----					.08		.04
31		-----			-----	.08	-----		-----		.04	-----
SUM	0.31	0.00	0.31	1.06	1.26	0.55	0.47	0.12	0.04	0.24	1.18	0.87
ACC	0.31	0.31	0.63	1.69	2.95	3.50	3.98	4.09	4.13	4.37	5.55	6.42
MAX	0.16	0.00	0.28	0.39	0.51	0.31	0.47	0.08	0.04	0.12	0.51	0.39
NO.	3	0	2	5	5	3	1	2	1	3	6	6
Maximum Daily Rainfall												0.51
Maximum Monthly Rainfall												1.26
Total Annual Rainfall												6.42
Number of Days with Rain												37

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Rittenhouse FRS (gage # 6700) for Water Year 1989

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												.04
4				.94								
5					.04							
6				.04								
7												
8												
9												
10												
11												
12												
13												
14	1.02											
15											.04	
16												
17												.08
18											.28	
19	.16										.24	
20	.39											
21										.04		
22										.04		
23												
24		.04										
25		.63	.12			.16						
26		.24				1.26						
27				.04								
28												
29					-----							
30					-----							
31		-----			-----		-----		-----			-----
SUM	1.57	0.91	0.12	1.02	0.04	1.42	0.00	0.00	0.00	0.08	0.55	0.12
ACC	1.57	2.48	2.60	3.62	3.66	5.08	5.08	5.08	5.08	5.16	5.71	5.83
MAX	1.02	0.63	0.12	0.94	0.04	1.26	0.00	0.00	0.00	0.04	0.28	0.08
NO.	3	3	1	3	1	2	0	0	0	2	3	2
Maximum Daily Rainfall												1.26
Maximum Monthly Rainfall												1.57
Total Annual Rainfall												5.83
Number of Days with Rain												20

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Rittenhouse FRS (gage # 6700) for Water Year 1988

[illegible]

Station installed on 09/27/1988.