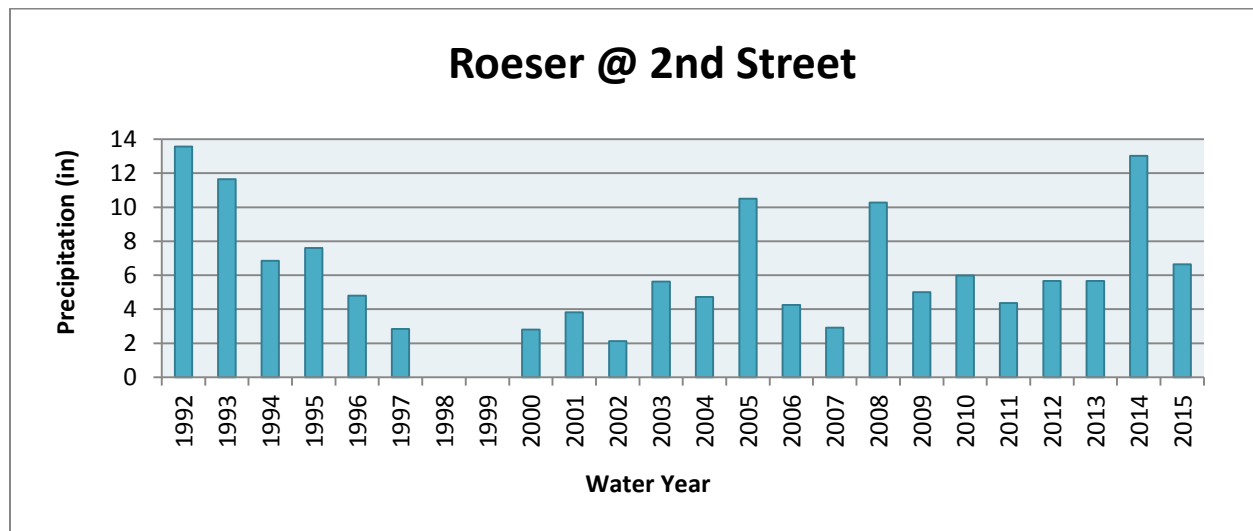




Station Name: Roeser @ 2nd St.

Station ID Number History:	4510 since 02/19/93 6010 from 06/26/92 – 02/19/93 3760 from 02/12/91 – 06/26/92
Station Type:	Rain
Data Begins:	02/12/1991
Years Since Installation:	24.63 (as of 10/01/15)
Data Repeater:	Direct
County:	Maricopa
Latitude:	33° 23' 59.9" (33.39998)
Longitude:	112° 04' 13.8" (112.07051)
Elevation:	1,090 ft. msl
Location:	1/2 mile SSE of Broadway Road and Central Ave.
Data Record:	
Incomplete Months:	03/98
Missing Months:	04/98 – 03/99
Remarks:	Records Fair



Data Statistics for Period of Record:

Number of storms greater than 1 inch in 24 hours:	19	
Number of storms greater than 2 inches in 24 hours:	3	
Number of storms greater than 3 inches in 24 hours:	1	
		Approx. T _r
Greatest 15 minute total:	1.10" on 07/13/08	61 years
Greatest 1 hour total:	1.65" on 07/13/08	34 years
Greatest 3 hour total:	2.13" on 09/08/14	58 years
Greatest 6 hour total:	3.50" on 09/08/14	836 years
Greatest 24 hour total:	3.54" on 09/08/14	115 years
Greatest 72 hour total:	3.54" on 09/08/14	45 years

Water Year Totals: (Mean of Complete Water Years [22] = 6.40 inches)

Water Year	Total	Water Year	Total	Water Year	Total
2020		2010	5.98	2000	2.80
2019		2009	5.00	1999	M
2018		2008	10.28	1998	M
2017		2007	2.91	1997	2.83
2016		2006	4.25	1996	4.80
2015	6.65	2005	10.51	1995	7.60
2014	13.03	2004	4.72	1994	6.85
2013	5.67	2003	5.63	1993	11.65
2012	5.67	2002	2.13	1992	13.58
2011	4.37	2001	3.82	1991	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 Roeser Rd. @ 2nd St. (gage # 4510) for Water Year 2015

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2						.16						
3										.04		
4			.47					.31				
5									.20			
6												
7											.59	
8	.04											
9												
10												
11											.12	
12												
13			.12	.08								
14												.67
15								.71				
16								.04				
17			.04							.47		
18										.04		
19	.31					.04						
20												
21												
22												.43
23												
24												
25							.04					
26							.08					
27												
28												
29				.16	----							
30				.39	----						.47	
31		----	.08		----		----		----	.28	.28	----
SUM	0.35	0.00	0.71	0.63	0.00	0.20	0.12	1.06	0.20	0.83	1.46	1.10
ACC	0.35	0.35	1.06	1.69	1.69	1.89	2.01	3.07	3.27	4.09	5.55	6.65
MAX	0.31	0.00	0.47	0.39	0.00	0.16	0.08	0.71	0.20	0.47	0.59	0.67
NO.	2	0	4	3	0	2	2	3	1	4	4	2
Maximum Daily Rainfall												0.71
Maximum Monthly Rainfall												1.46
Total Annual Rainfall												6.65
Number of Days with Rain												27

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Roeser Rd. @ 2nd St. (gage # 4510) for Water Year 2014

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1						.94						
2											.08	
3										.16		
4												
5										.08		
6												
7												
8												3.54
9												
10												
11												
12											1.34	
13											.12	
14										.04		
15												
16												
17												.12
18												
19			.04								1.18	
20			.24									
21		.35									.71	
22		2.05										
23		.39										
24												
25												
26												
27												1.61
28												.04
29					----							
30					----							
31		----			----		----		----			----
SUM	0.00	2.80	0.28	0.00	0.00	0.94	0.00	0.00	0.00	0.28	3.43	5.31
ACC	0.00	2.80	3.07	3.07	3.07	4.02	4.02	4.02	4.02	4.29	7.72	13.03
MAX	0.00	2.05	0.24	0.00	0.00	0.94	0.00	0.00	0.00	0.16	1.34	3.66
NO.	0	3	2	0	0	1	0	0	0	3	5	4
Maximum Daily Rainfall												3.54
Maximum Monthly Rainfall												5.31
Total Annual Rainfall												13.03
Number of Days with Rain												18

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Roeser Rd. @ 2nd St. (gage # 4510) for Water Year 2013

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4												
5												
6												
7												
8						.67	.04					.35
9												.55
10												
11					.04							
12												
13			.08									
14			.20									
15			.24									
16												
17												
18			.08									
19												
20					.24							
21										.67		
22												
23												
24											.39	
25				.04						.75		
26				1.14							.08	
27				.12								
28												
29					----							
30					----							
31		----			----		----		----			----
SUM	0.00	0.00	0.59	1.30	0.28	0.67	0.04	0.00	0.00	1.42	0.47	0.91
ACC	0.00	0.00	0.59	1.89	2.17	2.83	2.87	2.87	2.87	4.29	4.76	5.67
MAX	0.00	0.00	0.24	1.14	0.24	0.67	0.04	0.00	0.00	0.75	0.39	0.55
NO.	0	0	4	3	2	1	1	0	0	2	2	2
Maximum Daily Rainfall												1.14
Maximum Monthly Rainfall												1.42
Total Annual Rainfall												5.67
Number of Days with Rain												17

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Roeser Rd. @ 2nd St. (gage # 4510) for Water Year 2012

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			.04									
2												
3			.12									
4	.04	.35								.12		
5		.20										
6												
7		.31										.16
8												
9								.08				
10												.04
11												.12
12			.31							.35		
13		.16	.39							.08		
14										.12	.04	
15												
16												
17											.24	
18			.08			.47						
19												
20												
21		.04									.55	
22											.12	
23											.98	
24												
25	.04											
26												
27												
28										.12		
29												
30					----							
31		----			----		----		----			----
SUM	0.08	1.06	0.94	0.00	0.00	0.47	0.00	0.08	0.00	0.79	1.93	0.31
ACC	0.08	1.14	2.09	2.09	2.09	2.56	2.56	2.64	2.64	3.43	5.35	5.67
MAX	0.04	0.35	0.39	0.00	0.00	0.47	0.00	0.08	0.00	0.35	0.98	0.16
NO.	2	5	5	0	0	1	0	1	0	5	5	3
Maximum Daily Rainfall												0.98
Maximum Monthly Rainfall												1.93
Total Annual Rainfall												5.67
Number of Days with Rain												27

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Roeser Rd. @ 2nd St. (gage # 4510) for Water Year 2011

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1													
2													
3											.12		
4													
5	.79												
6													
7													
8													
9							.24						
10													
11										.28			
12													
13												.04	
14													
15			.04										
16													
17													
18													
19					.35								
20					.04								
21	.12		.04			.08							
22			.28										
23			.04										
24										.79			
25										.04			
26					.08								
27					.31								
28	----												
29	----		.43		----								
30	----		.20		----								
31	----	----			----		----		----	.08		----	
SUM	0.91	0.00	1.02	0.00	0.79	0.08	0.24	0.00	0.00	1.18	0.12	0.04	
ACC	0.91	0.90	1.92	1.92	2.71	2.79	3.03	3.03	3.03	4.21	4.33	4.37	
MAX	0.79	0.00	0.43	0.00	0.35	0.08	0.24	0.00	0.00	0.79	0.12	0.04	
NO.	2	0	6	0	4	1	1	0	0	4	1	1	
Maximum Daily Rainfall													0.79
Maximum Monthly Rainfall													1.18
Total Annual Rainfall													4.37
Number of Days with Rain													20

Annual Total (mm): Days Down: 4.63
 Gage 4510 down from 10/27 19:10 (23) through 11/01 10:12 (23) for unknown reason; no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Roeser Rd. @ 2nd St. (gage # 4510) for Water Year 2010

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4												
5												
6												
7			.28		.08	.39					.28	
8						.12						
9						.08						
10												
11												
12												
13												
14												
15												
16												
17											.24	
18											.08	
19				.79								
20					.08							
21				.91	.28						.08	
22			.31	.20	.12					.04		
23						.43						
24												
25												
26												
27				.08	.04							
28				.08	.55							
29					----					.08		
30					----					.04		
31		----			----		----		----	.35		----
SUM	0.00	0.00	0.59	2.05	1.14	1.02	0.00	0.00	0.00	0.51	0.67	0.00
ACC	0.00	0.00	0.59	2.64	3.78	4.80	4.80	4.80	4.80	5.31	5.98	5.98
MAX	0.00	0.00	0.31	0.90	0.55	0.43	0.00	0.00	0.00	0.35	0.28	0.00
NO.	0	0	2	5	6	4	0	0	0	4	4	0
Maximum Daily Rainfall												0.90
Maximum Monthly Rainfall												2.05
Total Annual Rainfall												5.98
Number of Days with Rain												25

Notes:

Annual rainfall in millimeters: 138

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Roeser @ 2nd St. (gage # 4510) for Water Year 2009

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4				.24								
5												.08
6												
7												
8					.35							
9					.47							
10												
11							.16					
12												
13											.94	
14												
15												
16			.20									
17					.08							
18			.04									
19												
20												
21								.08		.87		
22			.20	.04				.12				
23			.08									
24										.04		
25			.08									
26		.20	.16									
27		.59										
28												
29					----							
30					----							
31		----			----		----		----			----
SUM	0.00	0.79	0.75	0.28	0.91	0.00	0.16	0.20	0.00	0.91	0.94	0.08
ACC	0.00	0.79	1.54	1.81	2.72	2.72	2.87	3.07	3.07	3.98	4.92	5.00
MAX	0.00	0.59	0.20	0.24	0.47	0.00	0.16	0.12	0.00	0.87	0.94	0.08
NO.	0	2	6	2	3	0	1	2	0	2	1	1
Maximum Daily Rainfall												0.94
Maximum Monthly Rainfall												0.94
Total Annual Rainfall												5.00
Number of Days with Rain												20

Notes:

Annual rainfall in millimeters: 127

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Roeser @ 2nd St. (gage # 4510) for Water Year 2008

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			.04									
2												
3										.16		
4	.08				.12							
5												
6												
7			.31	.47							.31	
8			.24								.04	
9												
10			.04							.59		
11			.16							.28		
12												
13										1.85		
14											.55	
15					.04							
16					.04							
17												
18												
19												
20					.08							
21												
22								.20				
23								.12				
24				.04								
25											.75	
26											.08	
27				.75								
28				.16							1.54	
29											.04	
30		1.18			----							
31		----			----		----		----		.04	----
SUM	0.08	1.18	0.79	1.42	0.28	0.00	0.00	0.31	0.00	2.87	3.35	0.00
ACC	0.08	1.26	2.05	3.46	3.74	3.74	3.74	4.06	4.06	6.93	10.28	10.28
MAX	0.08	1.18	0.31	0.75	0.12	0.00	0.00	0.20	0.00	1.85	1.54	0.00
NO.	1	1	5	4	4	0	0	2	0	4	8	0
Maximum Daily Rainfall											1.85	
Maximum Monthly Rainfall											3.35	
Total Annual Rainfall											10.28	
Number of Days with Rain											29	

Notes:

Annual rainfall in millimeters: 261

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Roeser @ 2nd St. (gage # 4510) for Water Year 2007

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4												
5												
6	.04											
7												
8												
9												
10												
11												
12							.04					
13												
14	.20				.16						.08	
15	.04				.04							
16										.08		
17												
18												
19				.16	.28							
20					.04							
21				.08			.08					
22			.20			.87						
23						.04				.04		
24										.20		
25											.16	
26												
27												
28												
29			.08		----							
30					----							
31		----			----		----		----	.04		----
SUM	0.28	0.00	0.28	0.24	0.51	0.91	0.12	0.00	0.00	0.35	0.24	0.00
ACC	0.28	0.28	0.55	0.79	1.30	2.20	2.32	2.32	2.32	2.68	2.91	2.91
MAX	0.20	0.00	0.20	0.16	0.28	0.87	0.08	0.00	0.00	0.20	0.16	0.00
NO.	3	0	2	2	4	2	2	0	0	4	2	0
Maximum Daily Rainfall												0.87
Maximum Monthly Rainfall												0.91
Total Annual Rainfall												2.91
Number of Days with Rain												21

Notes:

Annual rainfall in millimeters: 74

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Roeser @ 2nd St. (gage # 4510) for Water Year 2006

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												.39
3												
4												
5												
6												
7									.04			
8												
9												.08
10												
11						1.34					1.42	
12											.16	
13												
14												
15												
16												
17	.04											
18	.12											
19						.12						
20												
21											.04	
22											.04	
23												
24												
25										.35		
26										.08		
27												
28												
29					----							
30					----					.04		
31		----			----		----		----			----
SUM	0.16	0.00	0.00	0.00	0.00	1.46	0.00	0.00	0.04	0.47	1.65	0.47
ACC	0.16	0.16	0.16	0.16	0.16	1.61	1.61	1.61	1.65	2.13	3.78	4.25
MAX	0.12	0.00	0.00	0.00	0.00	1.34	0.00	0.00	0.04	0.35	1.42	0.39
NO.	2	0	0	0	0	2	0	0	1	3	4	2
Maximum Daily Rainfall												1.42
Maximum Monthly Rainfall												1.65
Total Annual Rainfall												4.25
Number of Days with Rain												14

Notes:

Annual rainfall in millimeters: 108

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Roeser @ 2nd St. (gage # 4510) for Water Year 2005

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2											1.02	
3				.75							.24	
4			.31	.63								
5			.31			.28						
6			.16			.16						
7		.24									.28	
8		.08									.04	.16
9												.04
10					.08							
11					.51							
12		.04			.59							
13												
14												
15												
16												
17					.12							
18					.20							
19					.71							
20					.43							
21	.31				.12							
22		.35			.04				.08	.04		
23					.12							
24				.12			.12					
25						.04	.04					
26				.31								
27												
28	.55											
29			.43	.12	-----							
30			.35		-----							
31		-----			-----		-----		-----			-----
SUM	0.87	0.71	1.57	1.93	2.91	0.47	0.16	0.00	0.08	0.04	1.57	0.20
ACC	0.87	1.57	3.15	5.08	7.99	8.46	8.62	8.62	8.70	8.74	10.31	10.51
MAX	0.55	0.35	0.43	0.75	0.71	0.28	0.12	0.00	0.08	0.04	1.02	0.16
NO.	2	4	5	5	10	3	2	0	1	1	4	2
							Maximum Daily Rainfall					1.02
							Maximum Monthly Rainfall					2.91
							Total Annual Rainfall					10.51
							Number of Days with Rain					39

Notes:

Annual rainfall in millimeters: 267

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Roeser @ 2nd St. (gage # 4510) for Water Year 2004

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2							.59					
3						.04						
4						.47						
5						.12						
6												
7												
8												
9												
10	.24											
11												
12		.20	.08									
13		.08								.24		
14										.12		
15											.59	
16		.04									.08	
17												
18											.04	.39
19												
20												
21												
22				.24								
23				.04	.83							
24				.04								
25				.08								
26			.04							.12		
27												
28												.04
29												
30					-----							
31		-----			-----		-----		-----			-----
SUM	0.24	0.31	0.12	0.39	0.83	0.63	0.59	0.00	0.00	0.47	0.71	0.43
ACC	0.24	0.55	0.67	1.06	1.89	2.52	3.11	3.11	3.11	3.58	4.29	4.72
MAX	0.24	0.20	0.08	0.24	0.83	0.47	0.59	0.00	0.00	0.24	0.59	0.39
NO.	1	3	2	4	1	3	1	0	0	3	3	2
	Maximum Daily Rainfall											0.83
	Maximum Monthly Rainfall											0.83
	Total Annual Rainfall											4.72
	Number of Days with Rain											23

Notes:

Annual rainfall in millimeters: 120

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Roeser @ 2nd St. (gage # 4510) for Water Year 2003

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4												.08
5												
6												
7												
8				.55								
9												.08
10												
11												
12					.08							
13					.91							
14					.28						.31	
15							.16					
16						.24						
17						.24						
18												
19											.35	
20												
21			.04									
22												
23			.04									
24												.04
25					.59							
26	.28				.12							
27					.28							
28					.08							
29		.35			-----					.51		
30		.04			-----							
31		-----			-----		-----		-----			-----
SUM	0.28	0.39	0.08	0.55	2.32	0.47	0.16	0.00	0.00	0.51	0.67	0.20
ACC	0.28	0.67	0.75	1.30	3.62	4.09	4.25	4.25	4.25	4.76	5.43	5.63
MAX	0.28	0.35	0.04	0.55	0.91	0.24	0.16	0.00	0.00	0.51	0.35	0.08
NO.	1	2	2	1	7	2	1	0	0	1	2	3
Maximum Daily Rainfall												0.91
Maximum Monthly Rainfall												2.32
Total Annual Rainfall												5.63
Number of Days with Rain												22

Notes:

Total annual rainfall in millimeters: 143

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Roeser @ 2nd St. (gage # 4510) for Water Year 2002

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4			.31									
5		.08										
6												
7												.31
8												
9												.12
10												
11			.08									
12												
13												
14										.59		
15												
16												
17												
18												
19												
20												
21												
22												
23										.59		
24												
25												
26												
27												
28												
29					-----							
30				.04	-----							
31		-----			-----		-----		-----			-----
SUM	0.00	0.08	0.39	0.04	0.00	0.00	0.00	0.00	0.00	1.18	0.00	0.43
ACC	0.00	0.08	0.47	0.51	0.51	0.51	0.51	0.51	0.51	1.69	1.69	2.13
MAX	0.00	0.08	0.31	0.04	0.00	0.00	0.00	0.00	0.00	0.59	0.00	0.31
NO.	0	1	2	1	0	0	0	0	0	2	0	2
Maximum Daily Rainfall												0.59
Maximum Monthly Rainfall												1.18
Total Annual Rainfall												2.13
Number of Days with Rain												8

Notes:

Total annual rainfall in millimeters: 54

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Roeser @ 2nd St. (gage # 4510) for Water Year 2001

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4	.08											
5							.08					
6		.24					.08			.04		
7		.04				.16						
8				.04								
9				.12							.28	
10	.08					.04	.04					
11												
12				.08								
13				.04	.04							
14					.08							
15												
16				.20								
17											.04	
18												
19												
20												
21	.12						.08					
22	.12				----				.04			
23	.04				----							
24	.04											
25					.04					.08		
26					.08							
27	.35			.35	.12							
28	.08			.04	.28							
29					----					.04		
30	.08				----					.08		
31		----			----		----		----			----
SUM	0.98	0.28	0.00	0.87	0.63	0.20	0.28	0.00	0.04	0.24	0.31	0.00
ACC	0.98	1.26	1.26	2.13	2.76	2.95	3.23	3.23	3.27	3.50	3.82	3.82
MAX	0.35	0.24	0.00	0.35	0.28	0.16	0.08	0.00	0.04	0.08	0.28	0.00
NO.	9	2	0	7	6	2	4	0	1	4	2	0
	Maximum Daily Rainfall											0.35
	Maximum Monthly Rainfall											0.98
	Total Annual Rainfall											3.82
	Number of Days with Rain											37

Notes:

Annual rainfall in millimeters: 97

Total down-time: 3.00 days

Gage 4510 down from 2/21 02:56 (57) through 2/24 02:56 (57) for unknown reason; no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Roeser @ 2nd St. (gage # 4510) for Water Year 2000

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4												
5						.79						
6						1.54						
7						.24						
8										.04		
9												
10												
11												
12												
13						----						
14						----						
15												
16												
17												
18												
19												
20									.04			
21												
22												
23												
24												
25												
26			----									
27			----									
28			----						.04			
29			----						.04			
30			----								.04	
31		----	----		----		----		----			----
SUM	0.00	0.00	0.00	0.00	0.00	2.56	0.00	0.00	0.12	0.04	0.04	0.00
ACC	0.00	0.00	0.00	0.00	0.00	2.56	2.56	2.56	2.72	2.76	2.80	2.80
MAX	0.00	0.00	0.00	0.00	0.00	1.54	0.00	0.00	0.04	0.04	0.04	0.00
NO.	0	0	0	0	0	3	0	0	3	1	1	0
Maximum Daily Rainfall												1.54
Maximum Monthly Rainfall												2.56
Total Annual Rainfall												2.80
Number of Days with Rain												8

Notes:

Annual rainfall in millimeters: 71 Total down-time: 12.52 days
 Gage 4510 down from 12/15 21:23 (0) through 12/25 21:53 (0) due to battery failure; no rain fell.
 Gage 4510 down from 3/12 14:52 (65) through 3/15 02:52 (65) for unknown reason; no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Roeser @ 2nd St. (gage # 4510) for Water Year 1999

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	----	----	----	----	----	----	----					
2	----	----	----	----	----	----	----		.04			
3	----	----	----	----	----	----	----					
4	----	----	----	----	----	----	----					
5	----	----	----	----	----	----	----					
6	----	----	----	----	----	----	----					
7	----	----	----	----	----	----	----			.39		
8	----	----	----	----	----	----	----					
9	----	----	----	----	----	----	----					
10	----	----	----	----	----	----	----					
11	----	----	----	----	----	----	----					
12	----	----	----	----	----	----	----					
13	----	----	----	----	----	----	----					
14	----	----	----	----	----	----	----			1.02		.08
15	----	----	----	----	----	----	----			.08		.04
16	----	----	----	----	----	----	----					
17	----	----	----	----	----	----	----					
18	----	----	----	----	----	----	----				.08	
19	----	----	----	----	----	----	----					.83
20	----	----	----	----	----	----	----					
21	----	----	----	----	----	----	----					
22	----	----	----	----	----	----	----					
23	----	----	----	----	----	----	----					
24	----	----	----	----	----	----	----					
25	----	----	----	----	----	----	----			.04		
26	----	----	----	----	----	----	----					
27	----	----	----	----	----	----	----				.55	
28	----	----	----	----	----	----	----			.31	.04	
29	----	----	----	----	----	----	----					
30	----	----	----	----	----	----	----					
31	----	----	----	----	----	----	----		----		.43	----
SUM	0.00	----	----	----	----	----	0.00	0.00	0.04	1.85	1.10	0.94
ACC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	1.89	2.99	3.94
MAX	0.00	----	----	----	----	----	0.00	0.00	0.04	1.02	0.55	0.83
NO.	0	----	----	----	----	----	0	0	1	5	4	3
Maximum Daily Rainfall												1.02
Maximum Monthly Rainfall												1.85
Partial Annual Rainfall												3.94
Number of Days with Rain												13

Notes:

Partial annual rainfall in millimeters: 100 Total down-time: 187 days
Gage was down from 10/1/98 through 4/6/99 due to a construction project on the building.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Roeser @ 2nd St. (gage # 4510) for Water Year 1998

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			.04				----	----	----	----	----	----
2			.04				----	----	----	----	----	----
3							----	----	----	----	----	----
4					.35		----	----	----	----	----	----
5							----	----	----	----	----	----
6							----	----	----	----	----	----
7			.16				----	----	----	----	----	----
8			.04		.28		----	----	----	----	----	----
9					.24		----	----	----	----	----	----
10				.20			----	----	----	----	----	----
11							----	----	----	----	----	----
12							----	----	----	----	----	----
13							----	----	----	----	----	----
14		.04				.04	----	----	----	----	----	----
15					.28	.08	----	----	----	----	----	----
16							----	----	----	----	----	----
17					.12	----	----	----	----	----	----	----
18					.08	----	----	----	----	----	----	----
19						----	----	----	----	----	----	----
20					.16	----	----	----	----	----	----	----
21	.16		.08			----	----	----	----	----	----	----
22	.08		.08			----	----	----	----	----	----	----
23						----	----	----	----	----	----	----
24					.28	----	----	----	----	----	----	----
25						----	----	----	----	----	----	----
26						----	----	----	----	----	----	----
27						----	----	----	----	----	----	----
28						----	----	----	----	----	----	----
29					----	----	----	----	----	----	----	----
30					----	----	----	----	----	----	----	----
31		----			----	----	----	----	----	----	----	----
SUM	0.24	0.04	0.43	0.20	1.77	0.12	----	----	----	----	----	----
ACC	0.24	0.28	0.71	0.91	2.68	2.80	2.80	2.80	2.80	2.80	2.80	2.80
MAX	0.16	0.04	0.16	0.20	0.35	0.08	----	----	----	----	----	----
NO.	2	1	6	1	8	2	----	----	----	----	----	----

Maximum Daily Rainfall 0.35

Maximum Monthly Rainfall 1.77

Partial Annual Rainfall 2.80

Number of Days with Rain 20

Notes:

Partial annual rainfall in millimeters: 71

Total down-time: 196 days

Gage removed from service on Mar. 17 for construction project.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Roeser @ 2nd St. (gage # 4510) for Water Year 1997

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2							.04					.08
3							.24				.04	
4												
5												
6												.08
7												
8											.12	
9											.04	
10												
11												.12
12												
13				.83								
14	.12			.08								
15												
16												
17											.04	
18								.04				
19												
20												
21												
22		.04										
23												
24												
25												
26	.43			.08							.04	
27					.24							
28					.08							
29		.04										
30												
31											.04	
SUM	0.55	0.08	0.00	0.98	0.31	0.00	0.28	0.04	0.00	0.00	0.31	0.28
ACC	0.55	0.63	0.63	1.61	1.93	1.93	2.20	2.24	2.24	2.24	2.56	2.83
MAX	0.43	0.04	0.00	0.83	0.24	0.00	0.24	0.04	0.00	0.00	0.12	0.12
NO.	2	2	0	3	2	0	2	1	0	0	6	3
							Maximum Daily Rainfall					0.83
							Maximum Monthly Rainfall					0.98
							Total Annual Rainfall					2.83
							Number of Days with Rain					21

Notes:

Annual rainfall in millimeters: 72 Total down-time: 2.5 days
Gage down from 12/28/96 19:59 (16) through 12/31/96 8:00 (16) due to battery failure; no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Roeser @ 2nd St. (gage # 4510) for Water Year 1996

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		1.42			.28							
2		.04										
3												
4												.04
5		.35										
6		.08								.20		
7												
8												
9										.31		.04
10												
11												.35
12												
13						.12						.04
14						.28						
15										.04		
16												
17												
18												
19												
20												
21												
22				.04								
23												
24												
25					.35					.59		
26					.04					.04		
27					.04							
28												
29											.04	
30												
31				.08								
SUM	0.00	1.89	0.00	0.12	0.71	0.39	0.00	0.00	0.00	1.18	0.04	0.47
ACC	0.00	1.89	1.89	2.01	2.72	3.11	3.11	3.11	3.11	4.29	4.33	4.80
MAX	0.00	1.42	0.00	0.08	0.35	0.28	0.00	0.00	0.00	0.59	0.04	0.35
NO.	0	4	0	2	4	2	0	0	0	5	1	4
Maximum Daily Rainfall												1.42
Maximum Monthly Rainfall												1.89
Total Annual Rainfall												4.80
Number of Days with Rain												22

Notes:

Annual Rainfall in mm: 122

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Roeser @ 2nd St. (gage # 4510) for Water Year 1995

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4			0.04	0.55								
5			0.35	0.12								
6			0.12			0.28						
7												0.20
8												
9												
10												
11				0.04		0.39					0.04	
12		0.35		0.04	0.04					0.08		
13					0.04							
14											0.35	
15	0.35				0.04						0.04	
16							0.04					
17				0.08								
18												
19							0.12				0.24	
20											0.87	
21					0.20							
22					0.08							
23			0.55									
24												
25			0.63	0.16								
26			0.08	0.04								
27												0.31
28												0.71
29			0.04									
30												
31												
SUM	0.35	0.35	1.81	1.02	0.39	0.67	0.16	0.00	0.00	0.08	1.54	1.22
ACC	0.35	0.71	2.52	3.54	3.94	4.61	4.76	4.76	4.76	4.84	6.38	7.60
MAX	0.35	0.35	0.63	0.55	0.20	0.39	0.12	0.00	0.00	0.08	0.87	0.71
NO.	1	1	7	7	5	2	2	0	0	1	5	3
Maximum Daily Rainfall												0.87
Maximum Monthly Rainfall												1.81
Total Annual Rainfall												7.60
Number of Days with Rain												34

Notes:

Annual rainfall in mm: 193

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Roeser @ 2nd St. (gage # 4510) for Water Year 1994

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												0.94
3												
4												
5												
6	1.22											
7					0.35	0.59						
8					0.08							
9												
10												
11		0.08										
12		0.08										
13		0.35										0.16
14		1.30										
15		0.20										
16	0.04											
17										0.04		
18										0.08		
19						0.16						
20						0.04						
21												0.16
22												
23												
24								0.20				
25				0.08		0.55						
26							0.08					
27												
28										0.08		
29												
30												
31												
SUM	1.26	2.01	0.00	0.08	0.43	1.34	0.08	0.20	0.00	0.20	0.00	1.26
ACC	1.26	3.27	3.27	3.35	3.78	5.12	5.20	5.39	5.39	5.59	5.59	6.85
MAX	1.22	1.30	0.00	0.08	0.35	0.59	0.08	0.20	0.00	0.08	0.00	0.94
NO.	2	5	0	1	2	4	1	1	0	3	0	3
Maximum Daily Rainfall												1.30
Maximum Monthly Rainfall												2.01
Total Annual Rainfall												6.85
Number of Days with Rain												22

Notes:

Annual rainfall in mm: 174

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Roeser @ 2nd St. (gage # 4510) for Water Year 1993

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3			.12	.12								
4			.83									
5			.04									
6				.28							.04	
7				.35								
8			.94	.98	.83							
9			.04								.28	
10				.83	.04							
11				.83								
12				.20								.16
13				.04								
14					.24							
15				.12	.12							
16				.24				.04				
17				.20								
18				.28								
19					.04							
20												
21												
22												
23												
24												
25												
26						.71						
27			.16			.28					.20	
28	.16		.67		.47	.35						
29					-----	.16					.24	
30			.04		-----							
31		-----			-----		-----		-----			-----
SUM	0.16	0.00	2.83	4.45	1.73	1.50	0.00	0.04	0.00	0.00	0.75	0.16
ACC	0.16	0.16	2.99	7.48	9.21	10.71	10.71	10.75	10.75	10.75	11.50	11.65
MAX	0.16	0.00	0.94	0.98	0.83	0.71	0.00	0.04	0.00	0.00	0.28	0.16
NO.	1	0	8	12	6	4	0	1	0	0	4	1
Maximum Daily Rainfall												0.98
Maximum Monthly Rainfall												4.49
Total Annual Rainfall												11.65
Number of Days with Rain												37

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Roeser @ 2nd St. (gage # 4510) for Water Year 1992

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1							.35				.04	
2						.31	.04					
3				.47		.24						
4				.04								
5				.04				.04			.20	
6				.67								
7					.35	.12				.04		
8						.39						
9						.47						
10		.79	.47		.12					.20		
11		.08		.04	.16					.55		
12				.28							.04	
13					.28							
14		.35										
15												
16					.04							
17												
18			.47									
19			.55									.04
20				.04				.35				
21								.08				
22											.67	
23								.04			.28	
24									1.50	.04		
25								.04				
26												
27	.91					.55						
28						.04						
29										.20		
30		.31			----	.28						
31		----			----		----		----			----
SUM	0.91	1.54	1.50	1.57	0.94	2.40	0.39	0.55	0.00	2.48	1.26	0.04
ACC	0.91	2.44	3.94	5.51	6.46	8.86	9.25	9.80	9.80	12.28	13.54	13.58
MAX	0.91	0.79	0.55	0.67	0.35	0.55	0.35	0.35	0.00	1.50	0.67	0.04
NO.	1	4	3	7	5	8	2	5	0	5	6	1
							Maximum Daily Rainfall					1.50
							Maximum Monthly Rainfall					2.48
							Total Annual Rainfall					13.58
							Number of Days with Rain					47

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Roeser @ 2nd St. (gage # 4510) for Water Year 1991

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	-----	-----	-----	-----	-----	.28						
2	-----	-----	-----	-----	-----							
3	-----	-----	-----	-----	-----							
4	-----	-----	-----	-----	-----							
5	-----	-----	-----	-----	-----							.87
6	-----	-----	-----	-----	-----							
7	-----	-----	-----	-----	-----							
8	-----	-----	-----	-----	-----							
9	-----	-----	-----	-----	-----							
10	-----	-----	-----	-----	-----							
11	-----	-----	-----	-----	-----						.28	
12	-----	-----	-----	-----	-----							
13	-----	-----	-----	-----	-----							
14	-----	-----	-----	-----	-----							
15	-----	-----	-----	-----	-----	.51						
16	-----	-----	-----	-----	-----							
17	-----	-----	-----	-----	-----							
18	-----	-----	-----	-----	-----							
19	-----	-----	-----	-----	-----	.08						
20	-----	-----	-----	-----	-----	.35				.16		
21	-----	-----	-----	-----	-----	.04						
22	-----	-----	-----	-----	-----							
23	-----	-----	-----	-----	-----							
24	-----	-----	-----	-----	-----							
25	-----	-----	-----	-----	-----							
26	-----	-----	-----	-----	-----	.35						
27	-----	-----	-----	-----	.04	.35					.04	
28	-----	-----	-----	-----	.47							
29	-----	-----	-----	-----	-----							
30	-----	-----	-----	-----	-----							
31	-----	-----	-----	-----	-----		-----		-----			-----
SUM	-----	-----	-----	-----	0.51	1.97	0.00	0.00	0.00	0.16	0.31	0.87
ACC	-----	-----	-----	-----	0.51	2.48	2.48	2.48	2.48	2.64	2.95	3.82
MAX	-----	-----	-----	-----	0.47	0.51	0.00	0.00	0.00	0.16	0.28	0.87
NO.	-----	-----	-----	-----	2	7	0	0	0	1	2	1
												Maximum Daily Rainfall
												0.87
												Maximum Monthly Rainfall
												1.97
												Partial Annual Rainfall
												3.82
												Number of Days with Rain
												13

Station installed on 02/12/1991.