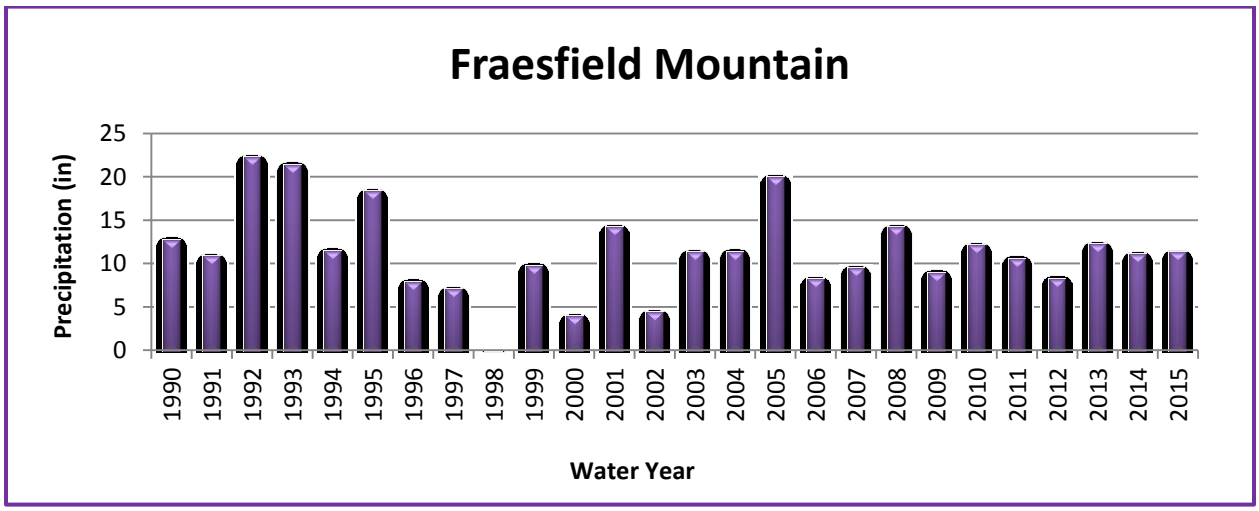
Station Name: Fraesfield Mountain

Station ID Number History:	**5930** since 09/18/92 **6685** from 10/01/91 - 09/18/92 **0085** from 08/02/89 - 10/01/91
Station Type:	Rain
Data Begins:	08/02/1989
Years Since Installation:	26.16 (as of 10/01/15)
Data Repeater:	Mt. Ord
County:	Maricopa
Latitude:	33° 45’ 39.3” (33.76091)
Longitude:	111° 48’ 50.1” (111.81391)
Elevation:	2,690 ft. msl
Location:	Near the alignments of Dixileta Dr. and 128th St.
Data Record:	
Incomplete Months:	10-11/97
Missing Months:	None
Remarks:	Records Good



Data Statistics for Period of Record:

Number of storms greater than 1 inch in 24 hours:	75	
Number of storms greater than 2 inches in 24 hours:	15	
Number of storms greater than 3 inches in 24 hours:	2	
		Approx. T_r
Greatest 15 minute total:	0.94" on 08/19/14	10 years
Greatest 1 hour total:	1.93" on 07/31/07	25 years
Greatest 3 hour total:	2.28" on 08/06/92	25 years
Greatest 6 hour total:	2.36" on 08/22/92	17 years
Greatest 24 hour total:	4.09" on 11/30/07	27 years
Greatest 72 hour total:	4.09" on 11/30/07	9 years

Water Year Totals: (Mean of Complete Water Years [25] = 11.71 inches)

Water Year	Total	Water Year	Total	Water Year	Total	Water Year	Total
2020		2010	12.09	2000	3.86	1990	12.72
2019		2009	8.94	1999	9.76	1989	M
2018		2008	14.06	1998	M	1988	
2017		2007	9.45	1997	7.05	1987	
2016		2006	8.15	1996	7.87	1986	
2015	11.26	2005	19.96	1995	18.31	1985	
2014	11.06	2004	11.34	1994	11.46	1984	
2013	12.20	2003	11.30	1993	21.38	1983	
2012	8.23	2002	4.37	1992	22.24	1982	
2011	10.55	2001	14.21	1991	10.83	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 Fraesfield Mountain (gage # 5930) for Water Year 2015

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1				.04								
2						.75						
3						.08				.04		
4			.71					.79				
5									.43			
6									.08	.20		
7											.35	
8	.16							.04				
9	.51							.04				
10												
11				.12							.31	
12												
13			.51	.16						.04		
14			.04									.16
15								1.02				
16								.20				
17			.08									
18			.04							.04		
19						.79				.04		
20						.04						
21												.04
22												
23					.04							
24												
25							.04				.16	
26				.16			.28					
27												
28					.04							
29				.08	----				.04			
30				1.06	----							
31		----	.43		----		----		----	1.06	.04	----
SUM	0.67	0.00	1.81	1.61	0.08	1.65	0.31	2.09	0.55	1.42	0.87	0.20
ACC	0.67	0.67	2.48	4.09	4.17	5.83	6.14	8.23	8.78	10.20	11.06	11.26
MAX	0.51	0.00	0.71	1.06	0.04	0.79	0.28	1.02	0.43	1.06	0.35	0.16
NO.	2	0	6	6	2	4	2	5	3	6	4	2

Maximum Daily Rainfall	1.06
Maximum Monthly Rainfall	2.09
Total Annual Rainfall	11.26
Number of Days with Rain	42

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Fraesfield Mountain (gage # 5930) for Water Year 2014

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1						1.73						
2						.04					.71	
3											.08	
4												
5												
6												.04
7												
8												1.81
9												.04
10	.04											
11												
12											.28	
13											.12	
14												
15												
16												.04
17											.12	
18												
19			.04								1.97	
20			.47									
21		.20									.08	
22		1.54									.04	
23		.31								.20		
24												
25												
26							.04			.28		
27												.83
28												.04
29					----							
30					----							
31		----			----		----		----			----
SUM	0.04	2.05	0.51	0.00	0.00	1.77	0.04	0.00	0.00	0.47	3.39	2.80
ACC	0.04	2.09	2.60	2.60	2.60	4.37	4.41	4.41	4.41	4.88	8.27	11.06
MAX	0.04	1.54	0.47	0.00	0.00	1.73	0.04	0.00	0.00	0.28	1.97	1.81
NO.	1	3	2	0	0	2	1	0	0	2	8	6

Maximum Daily Rainfall	1.97
Maximum Monthly Rainfall	3.39
Total Annual Rainfall	11.06
Number of Days with Rain	25

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Fraesfield Mountain (gage # 5930) for Water Year 2013

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4												
5												
6											.08	
7											.24	
8		.04				1.30	.08					.35
9		.31			.08	.16	.04					.55
10		.04										.20
11	.28											
12	.08											
13			.08									
14			.59									
15			.51									
16										.28		
17												
18			.35									
19			.04							1.18		
20					.71					.63		
21					.04					.75		
22												
23												
24												
25										.04		
26				1.85						.04		
27				.83							.16	
28				.08							.20	
29					----							
30			.04		----							
31		----			----		----		----			----
SUM	0.35	0.39	1.61	2.76	0.83	1.46	0.12	0.00	0.00	2.91	0.67	1.10
ACC	0.35	0.75	2.36	5.12	5.94	7.40	7.52	7.52	7.52	10.43	11.10	12.20
MAX	0.28	0.31	0.59	1.85	0.71	1.30	0.08	0.00	0.00	1.18	0.24	0.55
NO.	2	3	6	3	3	2	2	0	0	6	4	3

Maximum Daily Rainfall	1.85
Maximum Monthly Rainfall	2.91
Total Annual Rainfall	12.20
Number of Days with Rain	34

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Fraesfield Mountain (gage # 5930) for Water Year 2012

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3			.08									
4	.08	.31	----									.20
5		.51	----								.04	
6	.12	.04										
7		.35										.55
8												
9												.31
10												
11										.08		
12		.04	.43									
13		.20	.59									
14							.20			.04		
15												
16				.04							.28	
17											.04	
18			.08			.91						
19												
20												
21										.04	.24	
22											.04	
23										.12	.63	
24										.83	.47	
25												
26							.16					
27												
28										.16		
29										.04		
30					----							
31		----			----		----		----			----
SUM	0.20	1.46	1.18	0.04	0.00	0.91	0.35	0.00	0.00	1.30	1.74	1.06
ACC	0.20	1.66	2.84	2.87	2.87	3.78	4.13	4.13	4.13	5.43	7.17	8.23
MAX	0.12	0.51	0.59	0.04	0.00	0.91	0.20	0.00	0.00	0.83	0.63	0.55
NO.	2	5	4	1	0	1	2	0	0	7	7	3

Maximum Daily Rainfall	0.91
Maximum Monthly Rainfall	1.74
Total Annual Rainfall	8.23
Number of Days with Rain	32

Gage 5930 down from 12/02 16:10 (42) through 12/06 04:10 (44) due to data collision; assigned 2mm to 12/03.

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Fraesfield Mountain (gage # 5930) for Water Year 2011

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1		----										
2											.51	
3										.94	.43	
4	.04											
5	1.22											
6	.12											
7												
8												
9							.51					
10							.04					.08
11										.16		
12												
13											.31	
14												
15												
16			.28									
17												
18			.04								.12	
19					.55							
20					.24							
21	.59	.28	.04			.31						
22			.47			.12						
23			.04									
24										.87		
25										.08		
26					.04							
27					.55							
28												
29			.79		----							
30			.59		----							
31		----			----		----		----	.20		----
SUM	1.97	0.28	2.24	0.00	1.38	0.43	0.55	0.00	0.00	2.25	1.38	0.08
ACC	1.97	2.24	4.49	4.49	5.87	6.30	6.85	6.85	6.85	9.09	10.47	10.55
MAX	1.22	0.28	0.79	0.00	0.55	0.31	0.51	0.00	0.00	0.94	0.51	0.08
NO.	4	1	7	0	4	2	2	0	0	5	4	1

Maximum Daily Rainfall	1.22
Maximum Monthly Rainfall	2.24
Total Annual Rainfall	10.55
Number of Days with Rain	30

Annual Total (mm): 268

Days Down: 0

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Fraesfield Mountain (gage # 5930) for Water Year 2010

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1											.20	
2												
3			----									
4			----									
5			----									
6			----			.08						
7			1.22		.43	.87					.12	
8			.04			.16						
9			.04			.28						
10					.08	.04						
11	----											
12	----											
13			.04	.04								
14												
15												
16												
17											.12	
18				.12								
19				1.22								
20				.12	.24							
21				2.48	.51						.04	
22			.12	.31	.16						.16	.08
23				.04		.12						
24			.04							.87	.35	
25												
26												
27				.08	.08						----	
28					.67							
29				.08	----					.43		
30					----					.04		
31		----			----		----		----			----
SUM	0.00	0.00	1.50	4.48	2.17	1.54	0.00	0.00	0.00	1.34	0.98	0.08
ACC	0.00	0.00	1.50	5.98	8.15	9.68	9.68	9.68	9.68	11.02	12.01	12.09
MAX	0.00	0.00	1.22	2.48	0.67	0.87	0.00	0.00	0.00	0.87	0.35	0.08
NO.	0	0	6	9	7	6	0	0	0	3	6	1

Maximum Daily Rainfall	2.48
Maximum Monthly Rainfall	4.48
Total Annual Rainfall	12.09
Number of Days with Rain	38

Notes:

Annual rainfall in millimeters: 307
Gage 5930 down from 10/10 20:23 (0) through 10/13 09:33 (0) due to transmitter failure; no rain fell.
Gage 5930 down from 12/02 21:33 (0) through 12/07 08:04 (0) due to data collision; no rain fell.

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Fraesfield Mountain (gage # 5930) for Water Year 2009

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4				.24								.04
5				.04								.04
6												
7					.08							
8					.63							.35
9					.98							
10												
11							.94					.04
12												
13											.47	
14												
15			.16									
16			1.14									
17			.04		.28							
18			.28									
19												
20								.04				
21								.31			.12	
22			.24	.16				.16				
23			.12							.08		
24				.04						.20		
25			.51									
26		.31	.39									
27		.43										
28		.08										
29					----							
30					----							
31		----			----		----		----			----
SUM	0.00	0.83	2.87	0.47	1.97	0.00	0.94	0.51	0.00	0.28	0.59	0.47
ACC	0.00	0.83	3.70	4.17	6.14	6.14	7.09	7.60	7.60	7.87	8.46	8.94
MAX	0.00	0.43	1.14	0.24	0.98	0.00	0.94	0.31	0.00	0.20	0.47	0.35
NO.	0	3	8	4	4	0	1	3	0	2	2	4

Maximum Daily Rainfall	1.14
Maximum Monthly Rainfall	2.87
Total Annual Rainfall	8.94
Number of Days with Rain	31

Notes:

Annual rainfall in millimeters: 227

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Fraesfield Mountain (gage # 5930) for Water Year 2008

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			1.61									
2												
3					.08							
4	.12				.20					1.06		
5				.08							.04	
6				.04							.12	
7				.59							.20	
8												
9												
10										.79		.04
11										.20		
12												
13										1.06		
14										.20	.16	
15					.12					.28		
16												
17												
18												
19												
20					.12							
21												
22					.12			.04				
23								.24				
24				.08								
25											1.10	
26											.20	
27				1.93								
28				.43							.12	
29											.24	
30		2.48			----							
31		----			----		----		----			----
SUM	0.12	2.48	1.61	3.15	0.63	0.00	0.00	0.28	0.00	3.58	2.17	0.04
ACC	0.12	2.60	4.21	7.36	7.99	7.99	7.99	8.27	8.27	11.85	14.02	14.06
MAX	0.12	2.48	1.61	1.93	0.20	0.00	0.00	0.24	0.00	1.06	1.10	0.04
NO.	1	1	1	6	5	0	0	2	0	6	8	1

Maximum Daily Rainfall	2.48
Maximum Monthly Rainfall	3.58
Estimated Annual Rainfall	14.06
Number of Days with Rain	31

Notes:

Annual rainfall in millimeters: 360 Total down-time: 3.68 days

Gage 5930 down from 1/05 18:11 (107) through 1/09 10:27 (?) due to transmitter failure; **estimated** the 6th-7th event total from radar and nearby gages.

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Fraesfield Mountain (gage # 5930) for Water Year 2007

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3											.35	
4											.12	
5	.04										.12	
6	.28											
7												
8	.24											
9												
10										.08		
11					.08							
12							.12					
13	.08				.08		.12					
14	.16				.04							
15												
16												
17												
18												
19				.51	.28							
20				.04	.04					.08		
21				.24			.08			.51		
22			.16			.51						.28
23						.08				.98		
24						.51				.04		
25												
26												
27			.04									
28			.24									
29			.08		----						.04	
30				.16	----					.20		
31		----		.43	----		----		----	2.01		----
SUM	0.79	0.00	0.51	1.38	0.51	1.10	0.31	0.00	0.00	3.90	0.63	0.28
ACC	0.79	0.79	1.30	2.72	3.23	4.33	4.65	4.65	4.65	8.54	9.17	9.45
MAX	0.28	0.00	0.24	0.51	0.28	0.51	0.12	0.00	0.00	2.01	0.35	0.28
NO.	5	0	4	5	5	3	3	0	0	7	4	1

Maximum Daily Rainfall	2.01
Maximum Monthly Rainfall	3.90
Total Annual Rainfall	9.45
Number of Days with Rain	37

Notes:

Annual rainfall in millimeters: 240

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Fraesfield Mountain (gage # 5930) for Water Year 2006

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												.31
3												1.30
4												.16
5							.12					
6												
7												.08
8											.12	
9												.87
10												
11						.91						
12						.79					.28	
13												
14												.08
15												
16												
17	.47							.04				
18	.47											
19						.35						
20						.08						
21						.12				.24		
22											.16	
23												
24											.08	
25												
26										.12		
27												
28												
29					----					.04		
30					----				.12	.87		
31		----			----		----		----			----
SUM	0.94	0.00	0.00	0.00	0.00	2.24	0.12	0.04	0.12	1.26	0.63	2.80
ACC	0.94	0.94	0.94	0.94	0.94	3.19	3.31	3.35	3.46	4.72	5.35	8.15
MAX	0.47	0.00	0.00	0.00	0.00	0.91	0.12	0.04	0.12	0.87	0.28	1.30
NO.	2	0	0	0	0	5	1	1	1	4	4	6

Maximum Daily Rainfall	1.30
Maximum Monthly Rainfall	2.80
Total Annual Rainfall	8.15
Number of Days with Rain	24

Notes:

Annual rainfall in millimeters: 207

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Fraesfield Mountain (gage # 5930) for Water Year 2005

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1											.04	
2											.98	
3				1.30							.16	
4			.43	.87								
5			.04	.31		.47					.16	
6			.75		.04	.08						
7		.12									.20	
8		.08									.12	
9											.28	.12
10					.20							
11				.16	1.77							
12					.91							
13												
14												
15		.04										
16												
17					.08							
18					.39							
19					.98							
20					.28	.08						
21	.59	.59			.28							
22		.12			.08							
23		.04					.51			.08		
24				.12	.08		.04					
25						.12						
26				.79						1.06		
27				.12								
28	.63		.24									
29			2.13	.28	-----							
30			.04		-----					.28		
31		-----			-----		-----		-----	.35		-----
SUM	1.22	0.98	3.62	3.94	5.08	0.75	0.55	0.00	0.00	1.77	1.93	0.12
ACC	1.22	2.20	5.83	9.76	14.84	15.59	16.14	16.14	16.14	17.91	19.84	19.96
MAX	0.63	0.59	2.13	1.30	1.77	0.47	0.51	0.00	0.00	1.06	0.98	0.12
NO.	2	6	6	8	11	4	2	0	0	4	7	1

Maximum Daily Rainfall	2.13
Maximum Monthly Rainfall	5.08
Total Annual Rainfall	19.96
Number of Days with Rain	51

Notes:

Annual rainfall in millimeters: 507

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Fraesfield Mountain (gage # 5930) for Water Year 2004

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1		.04					.12					
2							1.81					
3				.04	.20							
4						1.06						
5						1.61						
6											.20	
7							.04					
8												
9	.04											
10	.83											
11			.20			.04						
12		1.42				.04						
13		.04				.16					.12	
14		.04								.04		
15											.35	
16												
17												
18											.16	.20
19											.12	.24
20												
21				.12								
22				.31								
23					.91							
24			.04		.04							
25				.16						.04		
26			.20							.39		
27												
28												
29												
30					-----							
31		-----			-----		-----		-----			-----
SUM	0.87	1.54	0.43	0.63	1.14	2.91	1.97	0.00	0.00	0.47	0.94	0.43
ACC	0.87	2.40	2.83	3.46	4.61	7.52	9.49	9.49	9.49	9.96	10.91	11.34
MAX	0.83	1.42	0.20	0.31	0.91	1.61	1.81	0.00	0.00	0.39	0.35	0.24
NO.	2	4	3	4	3	5	3	0	0	3	5	2

Maximum Daily Rainfall	1.81
Maximum Monthly Rainfall	2.91
Total Annual Rainfall	11.34
Number of Days with Rain	34

Notes:

Annual rainfall in millimeters: 288

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Fraesfield Mountain (gage # 5930) for Water Year 2003

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1						.39					.16	
2	.04											
3												
4												
5						.04						
6												.04
7												
8				.51								
9												
10												
11												
12					.20							
13					1.93						.08	
14					.31						.63	
15							.20					
16						.87						
17	.08		.16			.67						
18												
19											.43	
20			.04	.04						.08		-----
21			.04							.04		-----
22			.08									
23	.16		.43									
24			.04									
25					1.57							
26	.16										.39	
27	.08				.35						.04	
28	.04				.35							
29		.31			-----					.08		
30		.12			-----					.12		
31		-----			-----		-----		-----			-----
SUM	0.55	0.43	0.79	0.55	4.72	1.97	0.20	0.00	0.00	0.31	1.73	0.04
ACC	0.55	0.98	1.77	2.32	7.05	9.02	9.21	9.21	9.21	9.53	11.26	11.30
MAX	0.16	0.31	0.43	0.51	1.93	0.87	0.20	0.00	0.00	0.12	0.63	0.04
NO.	6	2	6	2	6	4	1	0	0	4	6	1

Maximum Daily Rainfall	1.93
Maximum Monthly Rainfall	4.72
Total Annual Rainfall	11.30
Number of Days with Rain	38

Notes:

Total annual rainfall in millimeters: 287 Total down-time: 3.18 days

Gage 5930 down from 9/19 03:38 (287) through 9/22 07:51 (287) due to battery failure; no rain fell.

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Fraesfield Mountain (gage # 5930) for Water Year 2002

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4			.51									
5		.12									.31	
6												.12
7			-----				.08					.04
8			-----									
9												.20
10				.08								.51
11										-----		
12										-----		
13										-----		
14										1.46		
15			.04							.08		
16												
17												
18												
19												
20												
21												
22												
23										.47		
24												
25		.08										
26												
27												
28												
29					-----							
30				.20	-----							
31	-----				-----		-----		-----			-----
SUM	0.00	0.20	0.55	0.28	0.00	0.00	0.08	0.00	0.00	2.01	0.31	0.87
ACC	0.00	0.20	0.83	1.10	1.10	1.10	1.18	1.18	1.18	3.19	3.50	4.37
MAX	0.00	0.12	0.51	0.20	0.00	0.00	0.08	0.00	0.00	1.46	0.31	0.51
NO.	0	2	2	2	0	0	1	0	0	3	1	4

Maximum Daily Rainfall	1.46
Maximum Monthly Rainfall	2.01
Total Annual Rainfall	4.37
Number of Days with Rain	15

Notes:

Total annual rainfall in millimeters: 111 Total down-time: 6.68 days

Gage 5930 down from 12/06 17:22 (20) through 12/09 11:22 (20) for unknown reason; no rain fell.

Gage 5930 down from 07/10 21:17 (30) through 07/14 19:37 (33) for unknown reason; assigned 3mm to 7/14.

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Fraesfield Mountain (gage # 5930) for Water Year 2001

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3										.04		
4	.08											
5							.83					
6		.04					.24					
7		.04				.87					.04	
8				.28		.04						
9				.67						.08	.43	
10	1.30	.04				.39	.16			.12		
11	.20											
12			.04	.71								
13					.16							
14					.59						.20	.04
15				.04								
16				.12								
17												
18												
19								.04				
20												
21	.28						.24					
22	1.26											
23	.35											
24	.16											
25					.16				.08	.04		
26					.04							
27	.98			1.02	.20						----	
28	.12				.28						----	
29	.04				----					.63	----	
30	.43				----					.12	----	
31		----			----		----		----			----
SUM	5.20	0.12	0.04	2.83	1.42	1.30	1.46	0.04	0.08	1.02	0.67	0.04
ACC	5.20	5.31	5.35	8.19	9.61	10.91	12.36	12.40	12.48	13.50	14.17	14.21
MAX	1.30	0.04	0.04	1.02	0.59	0.87	0.83	0.04	0.08	0.63	0.43	0.04
NO.	11	3	1	6	6	3	4	1	1	6	3	1

Maximum Daily Rainfall	1.30
Maximum Monthly Rainfall	5.20
Total Annual Rainfall	14.21
Number of Days with Rain	46

Notes:

Annual rainfall in millimeters: 361 Total down-time: 5.12 days

Gage 5930 down from 8/26 08:25 (360) through 8/31 11:22 (360) due to transmitter failure; no rain fell.

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Fraesfield Mountain (gage # 5930) for Water Year 2000

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1							.04					
2				.31								
3												
4		----										
5		----				.75						
6		----				1.69						
7			----			.31						----
8			----									----
9			----									----
10			----								----	----
11			----								----	
12	----		----								----	
13	----										----	
14	----										----	
15	----											
16	----											
17	----											
18	----											
19									.28			
20												
21					.12							
22												
23												
24					.04							
25												
26												.12
27												
28						.20						
29												
30					----							
31		----			----		----		----			----
SUM	0.00	0.00	0.00	0.31	0.16	2.95	0.04	0.00	0.28	0.00	0.00	0.12
ACC	0.00	0.00	0.00	0.31	0.47	3.43	3.46	3.46	3.74	3.74	3.74	3.86
MAX	0.00	0.00	0.00	0.31	0.12	1.69	0.04	0.00	0.28	0.00	0.00	0.12
NO.	0	0	0	1	2	4	1	0	1	0	0	1

Maximum Daily Rainfall	1.69
Maximum Monthly Rainfall	2.95
Total Annual Rainfall	3.86
Number of Days with Rain	10

Notes:

Annual rainfall in millimeters: 98 Total down-time: 28.21 days

Gage 5930 down from 10/11 22:44 (0) through 10/19 11:12 (0) due to antenna failure; no rain fell.
Gage 5930 down from 11/03 18:33 (0) through 11/07 07:57 (0) due to battery failure; no rain fell.
Gage 5930 down from 12/06 21:09 (0) through 12/13 12:22 (0) due to battery failure; no rain fell.
Gage 5930 down from 8/09 08:08 (95) through 8/15 08:08 (95) for unknown reason; no rain fell.
Gage 5930 down from 9/06 20:09 (95) through 9/11 08:09 (95) due to vandalism, no rain fell.

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Fraesfield Mountain (gage # 5930) for Water Year 1999

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1							.55					
2			.43				1.22					
3												
4					.51		.51					
5					.35							
6				----							----	
7			.31	----							----	
8				----							----	
9				----								
10				----						.31	.12	
11				----						.04		
12				----								
13				----			.12					
14				----						.51		.04
15			.04	----						.79		.04
16				----		.04						
17				----		.04						.04
18				----								
19				----							.12	.24
20												
21												
22										.04		
23										.08		
24												
25				.08								
26	.04			.08								
27										.08	1.93	
28		.55										
29					----					.43		
30					----							
31		----			----		----		----		.08	----
SUM	0.04	0.55	0.79	0.16	0.87	0.08	2.40	0.00	0.00	2.28	2.24	0.35
ACC	0.04	0.59	1.38	1.54	2.40	2.48	4.88	4.88	4.88	7.17	9.41	9.76
MAX	0.04	0.55	0.43	0.08	0.51	0.04	1.22	0.00	0.00	0.79	1.93	0.24
NO.	1	1	3	2	2	2	4	0	0	8	4	4

Maximum Daily Rainfall	1.93
Maximum Monthly Rainfall	2.40
Total Annual Rainfall	9.76
Number of Days with Rain	31

Notes:

Annual rainfall in millimeters: 248 Total down-time: 19.4 days

Gage down from 1/05 16:54 (35) through 1/20 10:44 (35) due to battery and antenna failure; no rain fell.

Gage down from 8/05 05:40 (182) through 8/09 22:15 (182) due to transmitter failure; no rain fell.

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Fraesfield Mountain (gage # 5930) for Water Year 1998

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			.12				.35					.04
2												
3				.08	.12							.12
4				.04	1.69		.04					.04
5				.04								.04
6			.24			.04						.08
7			.87		.08	.04				.08	.04	
8			.63		.59							
9					.39							
10				.12								
11							.04					.28
12							.87					
13												
14		.12			.12							
15					.83	.20	.04				1.69	
16											.04	
17					.94						.04	
18					.04							
19												
20					.35							
21	.08		.20									
22	.08		.31									.08
23	.16											
24					1.10							
25												
26						1.50						
27												
28						.83					.31	
29					----	.04						
30					----	.04						
31		----			----		----		----			----
SUM	0.31	0.12	2.36	0.28	6.26	2.68	1.34	0.00	0.00	0.08	2.13	0.67
ACC	0.31	0.43	2.80	3.07	9.33	12.01	13.35	13.35	13.35	13.43	15.55	16.26
MAX	0.16	0.12	0.87	0.12	1.69	1.50	0.87	0.00	0.00	0.08	1.69	0.28
NO.	3	1	6	4	11	7	5	0	0	1	5	7

Maximum Daily Rainfall	1.69
Maximum Monthly Rainfall	6.26
Partial Annual Rainfall	16.26
Number of Days with Rain	50

Notes:

Partial annual rainfall in millimeters: 413 Total down-time: 59.5 days

Gage had a plugged tipping bucket funnel from 10/01 through 11/29 at noon; therefore Oct. & Nov. monthly totals and the annual total are inaccurate.

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Fraesfield Mountain (gage # 5930) for Water Year 1997

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2							.12					.08
3				.16			.16				.12	
4							.12					
5												
6												
7												
8											.16	
9												
10												
11												.35
12				.12								
13				1.18	.04							
14	.12			.24								
15									.04			
16												
17												
18												
19								.35				
20								.20				
21												
22		.04										
23		.04										
24												
25	.04				.04							.12
26				.08							1.42	.12
27				.08	.98							
28	.08				.39							
29		.08										
30												
31												
SUM	0.24	0.16	0.00	1.85	1.46	0.00	0.39	0.55	0.04	0.00	1.69	0.67
ACC	0.24	0.39	0.39	2.24	3.70	3.70	4.09	4.65	4.69	4.69	6.38	7.05
MAX	0.12	0.08	0.00	1.18	0.98	0.00	0.16	0.35	0.04	0.00	1.42	0.35
NO.	3	3	0	6	4	0	3	2	1	0	3	4

Maximum Daily Rainfall	1.42
Maximum Monthly Rainfall	1.85
Total Annual Rainfall	7.05
Number of Days with Rain	29

Notes:

Annual rainfall in millimeters: 179 Total down-time: 3.0 days

Gage down from 4/25/97 12:52 (104) through 4/28/97 12:52 (104) due to battery failure; no rain fell.

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Fraesfield Mountain (gage # 5930) for Water Year 1996

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		.71			.35							
2		.04			.12							.20
3												
4												
5												.24
6		.16										
7												
8												
9										.20		
10											.04	
11												.55
12										.04		
13						.16						.12
14						.16				1.18	.31	
15										.12		
16										.04		
17												
18												.04
19												
20												
21												
22				.12								
23												
24												
25					.63					.47		
26					.20					.08		
27										.04		
28												
29											1.02	
30												
31	.08			.35								
SUM	0.08	0.91	0.00	0.47	1.30	0.31	0.00	0.00	0.00	2.17	1.38	1.14
ACC	0.08	1.10	1.10	1.57	2.87	3.19	3.19	3.19	3.19	5.35	6.73	7.87
MAX	0.08	0.71	0.00	0.35	0.63	0.16	0.00	0.00	0.00	1.18	1.02	0.55
NO.	1	3	0	2	4	2	0	0	0	8	3	5

Maximum Daily Rainfall	1.18
Maximum Monthly Rainfall	2.17
Total Annual Rainfall	7.87
Number of Days with Rain	28

Notes:
Annual Rainfall in mm: 200

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Fraesfield Mountain (gage # 5930) for Water Year 1995

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3		0.04										
4			0.04	1.10								
5			0.79	1.14		0.51						
6			0.47			1.06						0.31
7												0.04
8												
9												
10												
11						0.98					0.12	
12		0.51		0.04		0.28						
13					0.20							
14	0.08				0.43						0.43	
15	0.75				0.51					0.04	1.18	
16							0.55					
17				0.35								
18							0.04					0.08
19							0.35				0.12	
20											0.94	
21					0.12						0.04	
22					0.04							
23			0.67								0.16	
24												
25			0.71	0.24								
26			0.31	0.39								
27												
28												1.97
29			0.12									
30												
31												
SUM	0.83	0.55	3.11	3.27	1.30	2.83	0.94	0.00	0.00	0.04	2.99	2.40
ACC	0.83	1.38	4.49	7.76	9.06	11.89	12.83	12.83	12.83	12.87	15.91	18.31
MAX	0.75	0.51	0.79	1.14	0.51	1.06	0.55	0.00	0.00	0.04	1.18	1.97
NO.	2	2	7	6	5	4	3	0	0	1	7	4

Maximum Daily Rainfall	1.97
Maximum Monthly Rainfall	3.27
Total Annual Rainfall	18.31
Number of Days with Rain	41

Notes:

Gage down from 4/16 19:56 (312) through 4/18 11:38 (316) due to transmitter failure; assigned the 4mm of rainfall to 4/16.
Annual rainfall in mm: 465

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Fraesfield Mountain (gauge # 5930) for Water Year 1994

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												0.12
3												0.04
4												0.08
5											0.04	
6	2.13											
7	0.63				0.51	0.35						
8					0.51						0.04	
9												
10												
11		0.31						0.16				
12		0.39	0.08			0.08						
13		0.31										0.43
14		2.24										
15		0.59										
16	0.20	0.08										
17					0.08					0.20		
18					0.04					0.08		
19						0.31				0.16		
20						0.08						0.04
21												0.16
22												
23												
24								0.08				
25				0.16		0.47		0.04				
26							0.16					
27							0.08					
28												
29												
30												
31												
SUM	2.95	3.94	0.08	0.16	1.14	1.30	0.24	0.28	0.00	0.43	0.08	0.87
ACC	2.95	6.89	6.97	7.13	8.27	9.57	9.80	10.08	10.08	10.51	10.59	11.46
MAX	2.13	2.24	0.08	0.16	0.51	0.47	0.16	0.16	0.00	0.20	0.04	0.43
NO.	3	6	1	1	4	5	2	3	0	3	2	6

Maximum Daily Rainfall	2.24
Maximum Monthly Rainfall	3.94
Total Annual Rainfall	11.46
Number of Days with Rain	36

Notes:

Annual rainfall in mm: 291

Gauge down from 12/19 20:21 (177) through 12/24 10:14 (177) due to repeater problem; assume no rain fell.

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Fraesfield Mountain (gage # 5930) for Water Year 1993

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3			.20	.16		.04						
4			2.36									
5			.04									
6				1.02							.08	
7				1.61							.08	
8			.71	.91	1.34							
9					.47							
10				1.65	.16							
11				.12	.04							
12				.16								
13				.12								.04
14				.55	.43							
15				.08	.08			.04				
16				.51				.08				
17				.94								
18			.04	.55								
19					.31							
20												
21												
22	.08											
23												
24	.24				.04						.43	
25											.12	
26						1.34						
27			.16			.20					.51	
28	.20		1.18		.59	.20					.24	
29			.08		-----	.16						
30					-----						.67	
31		-----			-----		-----		-----			-----
SUM	0.51	0.00	4.76	8.39	3.46	1.93	0.00	0.12	0.00	0.00	2.13	0.04
ACC	0.51	0.51	5.28	13.66	17.13	19.06	19.06	19.17	19.17	19.17	21.34	21.38
MAX	0.24	0.00	2.36	1.65	1.34	1.34	0.00	0.08	0.00	0.00	0.67	0.04
NO.	3	0	8	13	9	5	0	2	0	0	7	1

Maximum Daily Rainfall	2.36
Maximum Monthly Rainfall	8.39
Total Annual Rainfall	21.38
Number of Days with Rain	48

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Fraesfield Mountain (gage # 5930) for Water Year 1992

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1							.91					
2						.55	.04		.04			
3				.31		.31						
4				.16		.16						
5				.04				.08			.20	
6				.59				.04			2.36	
7					.47	.12					.28	
8					.08	.31						
9						.43		.08				
10		.12	.24		.24			.16				
11			.12	.47	.12					.04		
12				.04	.04							
13			.04	.16	.47							
14		.39		.04								
15		.04			.08							
16					.12							
17											.24	
18		.04	.47									
19			.67					.04			.04	
20								.16				.04
21			.04					.24			.04	
22			.08								2.44	
23								.63		.12	1.34	
24										1.61		
25								.16				
26												
27	.55					.63		.12				
28												
29						.43						
30		.94	.24		-----	.08		.04				
31		-----			-----	.12	-----		-----			-----
SUM	0.55	1.54	1.89	1.81	1.61	3.15	0.94	1.73	0.04	1.77	6.93	0.04
ACC	0.55	2.09	3.98	5.79	7.40	10.59	11.54	13.27	13.31	15.08	22.20	22.24
MAX	0.55	0.94	0.67	0.59	0.47	0.63	0.91	0.63	0.04	1.61	2.44	0.04
NO.	1	5	8	8	8	10	2	11	1	3	8	1

Maximum Daily Rainfall	2.44
Maximum Monthly Rainfall	7.13
Total Annual Rainfall	22.24
Number of Days with Rain	66

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Fraesfield Mountain (gage # 5930) for Water Year 1991

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1						.98						
2		.31										
3				.04								.16
4				1.26								
5												.55
6												
7												
8												
9												
10												
11											.43	
12			.04									
13												
14												
15			.20			.43						
16						.08						
17					.24							
18												
19	.12					.43						
20		.12	.24			.55				.08		
21		.04				.08						
22			.16			.04						.08
23												
24											1.10	
25											.04	
26		.20				.59						
27					.04	.51				.04		
28			.35		.83	.35						
29			.12		-----							
30					-----							
31	-----	-----			-----		-----		-----			-----
SUM	0.12	0.67	1.10	1.30	1.10	4.06	0.00	0.00	0.00	0.12	1.57	0.79
ACC	0.12	0.79	1.89	3.19	4.29	8.35	8.35	8.35	8.35	8.46	10.04	10.83
MAX	0.12	0.31	0.35	1.26	0.83	0.98	0.00	0.00	0.00	0.08	1.10	0.55
NO.	1	4	6	2	3	10	0	0	0	2	3	3

Maximum Daily Rainfall	1.26
Maximum Monthly Rainfall	4.06
Total Annual Rainfall	10.83
Number of Days with Rain	34

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Fraesfield Mountain (gage # 5930) for Water Year 1990

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1					.31							
2				.31	.04					.71		.59
3	.08			.16							.59	.31
4	.08						.04					
5	.04										.55	
6											.04	
7												
8												
9												
10						.16			.04	.31		
11						.24					.04	
12						.12						
13						.04					.20	
14											.28	.24
15				.16							.16	.39
16												
17				.98								
18				.20								
19					.51							
20												.67
21	.51	.39								.59		
22												
23												
24							.55			.28		
25							.04			.12		
26												
27												
28			.04					.24				
29			.83		-----	.39						
30					-----							
31		-----			-----		-----		-----	.12	.04	-----
SUM	0.71	0.39	0.87	1.81	0.87	0.94	0.63	0.24	0.04	2.13	1.89	2.20
ACC	0.71	1.10	1.97	3.78	4.65	5.59	6.22	6.46	6.50	8.62	10.51	12.72
MAX	0.51	0.39	0.83	0.98	0.51	0.39	0.55	0.24	0.04	0.71	0.59	0.67
NO.	4	1	2	5	3	5	3	1	1	6	8	5

Maximum Daily Rainfall	0.98
Maximum Monthly Rainfall	2.20
Total Annual Rainfall	12.72
Number of Days with Rain	44

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Fraesfield Mountain (gage # 5930) for Water Year 1989

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
2	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
3	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		.12
4	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
6	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
7	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
8	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
9	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
10	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
11	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
12	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
13	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
14	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
15	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
16	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
17	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	.28	
18	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
19	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
20	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
21	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
22	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
23	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
24	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
25	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
26	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
27	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
28	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
29	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
30	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		-----
SUM	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	0.28	0.12
ACC	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	0.28	0.39
MAX	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	0.28	0.12
NO.	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1	1

Maximum Daily Rainfall	0.28
Maximum Monthly Rainfall	0.28
Partial Annual Rainfall	0.39
Number of Days with Rain	2

Station installed on 08/02/1989.