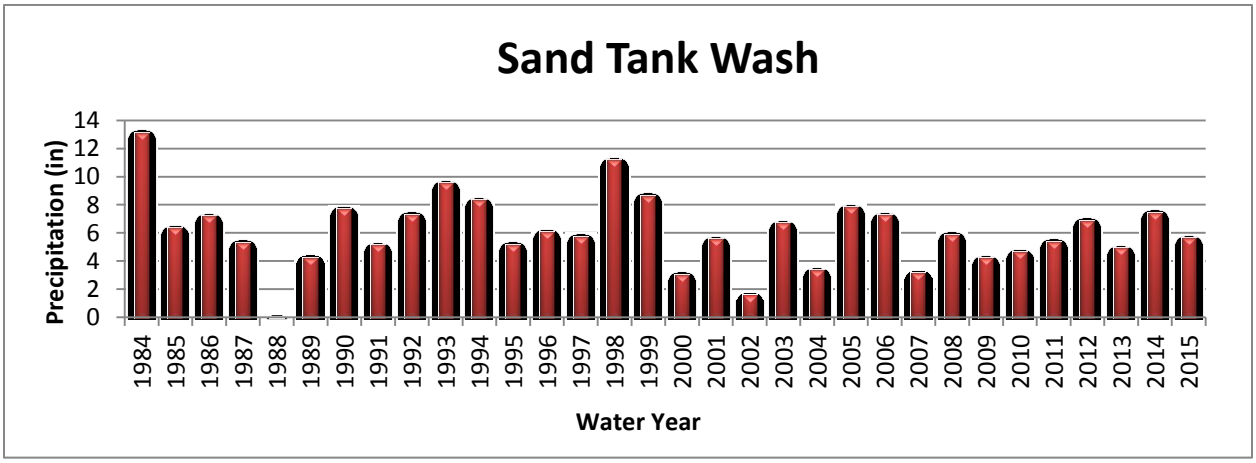
Station Name: Sand Tank Wash

Station ID Number History:	**6940** since 07/15/92 **0605** from 10/01/87 - 07/15/92 **0038** from 07/21/83 - 10/01/87
Station Type:	Rain
Data Begins:	07/21/1983
Years Since Installation:	32.20 (as of 10/01/15)
Data Repeater:	White Tank Peak
County:	Maricopa
Latitude:	32° 48’ 07.0” (32.80194)
Longitude:	112° 37’ 53.2” (112.63145)
Elevation:	1,160 ft. msl
Location:	9 mi. SSE of Gila Bend
Data Record:	
Incomplete Months:	11/87
Missing Months:	10/87
Remarks:	Records Good



Data Statistics for Period of Record:

Number of storms greater than 1 inch in 24 hours:	28	
Number of storms greater than 2 inches in 24 hours:	1	
Number of storms greater than 3 inches in 24 hours:	0	
		Approx. T_r
Greatest 15 minute total:	0.94" on 09/07/12	29 years
Greatest 1 hour total:	1.61" on 09/07/12	33 years
Greatest 3 hour total:	1.89" on 06/25/84	35 years
Greatest 6 hour total:	1.89" on 06/25/84	21 years
Greatest 24 hour total:	2.20" on 11/22/13	11 years
Greatest 72 hour total:	2.56" on 11/22/13	13 years

Water Year Totals: (Mean of Complete Water Years [31] = 6.25 inches)

Water Year	Total	Water Year	Total	Water Year	Total	Water Year	Total
2020		2010	4.61	2000	3.03	1990	7.68
2019		2009	4.17	1999	8.62	1989	4.21
2018		2008	5.87	1998	11.14	1988	M
2017		2007	3.11	1997	5.71	1987	5.28
2016		2006	7.24	1996	6.02	1986	7.20
2015	5.63	2005	7.80	1995	5.16	1985	6.34
2014	7.44	2004	3.31	1994	8.31	1984	13.11
2013	4.88	2003	6.65	1993	9.53	1983	M
2012	6.85	2002	1.54	1992	7.28	1982	
2011	5.35	2001	5.55	1991	5.08	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 Sand Tank Wash (gage # 6940) for Water Year 2015

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2						.51						
3						.04						
4			.67					.08				
5												
6										.16		
7												
8	.51											
9												
10												
11				.08								
12												
13			.20									.12
14												
15								1.10				
16												
17			.04							.24		
18										.08		
19												
20												
21												.16
22												.16
23												
24												
25												
26				.08								
27												
28										.20		
29				.20	----					.16		
30				.28	----				.08			
31		----	.04	.47	----		----		----			----
SUM	0.51	0.00	0.94	1.10	0.00	0.55	0.00	1.18	0.08	0.83	0.00	0.43
ACC	0.51	0.51	1.46	2.56	2.56	3.11	3.11	4.29	4.37	5.20	5.20	5.63
MAX	0.51	0.00	0.67	0.47	0.00	0.51	0.00	1.10	0.08	0.24	0.00	0.16
NO.	1	0	4	5	0	2	0	2	1	5	0	3

Maximum Daily Rainfall	1.10
Maximum Monthly Rainfall	1.18
Total Annual Rainfall	5.63
Number of Days with Rain	23

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Sand Tank Wash (gage # 6940) for Water Year 2014

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1						.75					.24	
2												
3											.16	
4												.20
5												
6												.16
7										.04		.04
8												.20
9										.04		
10												
11												
12												
13											1.42	
14												
15												
16												.20
17											.12	
18												
19												
20			.04									
21											.24	
22		2.20									.04	
23		.35										
24												
25												
26												
27									----	.39		.63
28									----			
29					----				----			
30					----				----			
31		----			----		----		----			----
SUM	0.00	2.56	0.04	0.00	0.00	0.75	0.00	0.00	0.00	0.47	2.20	1.42
ACC	0.00	2.56	2.60	2.60	2.60	3.35	3.35	3.35	3.35	3.82	6.02	7.44
MAX	0.00	2.20	0.04	0.00	0.00	0.75	0.00	0.00	0.00	0.39	1.42	0.63
NO.	0	2	1	0	0	1	0	0	0	3	6	6

Maximum Daily Rainfall	2.20
Maximum Monthly Rainfall	2.56
Total Annual Rainfall	7.44
Number of Days with Rain	19

Gage 6940 down from 06/26 09:16 (85) through 07/01 07:50 (85) for unknown reason; no rain fell.

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Sand Tank Wash (gage # 6940) for Water Year 2013

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4												
5												
6												1.02
7												.04
8						.43						
9		.04										
10												
11										.16		
12												
13			.12									
14			.12									
15			.20									
16												
17												
18												
19												
20					.24							
21					.04					.67		
22												----
23												
24				.04								
25											.12	
26				.75							.63	
27											.04	
28												
29					----						.20	
30					----						.04	
31		----			----		----		----			----
SUM	0.00	0.04	0.43	0.79	0.28	0.43	0.00	0.00	0.00	0.83	1.02	1.06
ACC	0.00	0.04	0.47	1.26	1.54	1.97	1.97	1.97	1.97	2.80	3.82	4.88
MAX	0.00	0.04	0.20	0.75	0.24	0.43	0.00	0.00	0.00	0.67	0.63	1.02
NO.	0	1	3	2	2	1	0	0	0	2	5	2

Maximum Daily Rainfall	1.02
Maximum Monthly Rainfall	1.06
Total Annual Rainfall	4.88
Number of Days with Rain	18

Gage 6940 down from 9/21 02:58 (124) through 9/23 08:58 (124) due to repeater failure; no rain fell.

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Sand Tank Wash (gage # 6940) for Water Year 2012

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4	.12	.43								.04		.12
5		.12								.24		.04
6												.04
7		.55										1.69
8												.04
9												.04
10												.04
11										.08	.04	.04
12										.28		
13		.79	.20				.04					
14										.04		
15										.08		
16												
17											.12	
18			.12			.39						
19												
20												
21											.35	
22										.12	.04	
23												
24												
25												
26			----				.08					
27			----									
28												
29										.47		
30					----					.08		
31		----			----		----		----			----
SUM	0.12	1.89	0.31	0.00	0.00	0.39	0.12	0.00	0.00	1.42	0.55	2.05
ACC	0.12	2.01	2.32	2.32	2.32	2.72	2.83	2.83	2.83	4.25	4.80	6.85
MAX	0.12	0.79	0.20	0.00	0.00	0.39	0.08	0.00	0.00	0.47	0.35	1.69
NO.	1	4	2	0	0	1	2	0	0	9	4	3

Maximum Daily Rainfall	1.69
Maximum Monthly Rainfall	2.05
Total Annual Rainfall	6.85
Number of Days with Rain	26

Gage 6940 down from 12/26 09:19 (59) through 12/28 14:53 (59) for unknown reason; no rain fell.

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Sand Tank Wash (gage # 6940) for Water Year 2011

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3										.16	.16	
4										.28	.20	
5	.63											.04
6										.04		
7												
8							.04			.28		
9							.24					
10												
11												.04
12												.43
13												.20
14												
15												
16			.04									
17												
18											.08	
19					.39							
20	.16											
21		.39				.28						
22			.28									
23			.12									
24												.04
25												
26					.35							
27					.16							
28												
29			.12		----							
30			.12		----							
31		----			----		----		----			----
SUM	0.79	0.39	0.67	0.00	0.91	0.28	0.28	0.00	0.00	0.75	0.43	0.75
ACC	0.79	1.18	1.85	1.85	2.76	3.03	3.31	3.31	3.31	4.17	4.61	5.35
MAX	0.63	0.39	0.28	0.00	0.39	0.28	0.24	0.00	0.00	0.28	0.20	0.43
NO.	2	1	5	0	3	1	2	0	0	4	3	5

Maximum Daily Rainfall	0.63
Maximum Monthly Rainfall	0.91
Total Annual Rainfall	5.35
Number of Days with Rain	26

Annual Total (mm): 136 Days Down: 0

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Sand Tank Wash (gage # 6940) 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			.28		.04	.20					.31	.24
8			.04			.04						
9												
10					.24							
11												
12												
13												
14		.12									----	
15											----	
16												
17												
18											----	
19				.83							----	
20					.08						----	
21				.87							----	.12
22				.12	.04					.20		
23						.08						
24												
25												
26												
27					.35						.24	
28					.12					.04		
29					----							
30					----							
31		----			----		----		----			----
SUM	0.00	0.12	0.31	1.81	0.87	0.31	0.00	0.00	0.00	0.24	0.59	0.35
ACC	0.00	0.12	0.43	2.24	3.11	3.43	3.43	3.43	3.43	3.66	4.25	4.61
MAX	0.00	0.12	0.27	0.87	0.35	0.20	0.00	0.00	0.00	0.20	0.31	0.24
NO.	0	1	2	3	6	3	0	0	0	2	3	2

Maximum Daily Rainfall	0.87
Maximum Monthly Rainfall	1.81
Total Annual Rainfall	4.61
Number of Days with Rain	22

Notes:

Annual rainfall in millimeters: 117
Gage 6940 down from 08/13 08:53 (102) through 08/16 14:53 (102) due to data collision; no rain fell.
Gage 6940 down from 08/17 14:53 (102) through 08/22 08:53 (102) due to battery failure; no rain fell.

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Sand Tank Wash (gage # 6940) for Water Year 2009

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1										.08		
2												
3												.04
4												
5												.08
6												
7					.20							
8												.08
9					.39							
10												
11												
12												
13											.16	
14												
15												
16			.75									
17			.04		.12							
18												
19										.63		
20								.24				
21										.04		
22								.20			.28	
23			.04								.16	
24										.04		
25			.04									
26			.08									
27		.51										
28												
29					----							
30					----							
31		----			----		----		----			----
SUM	0.00	0.51	0.94	0.00	0.71	0.00	0.00	0.43	0.00	0.79	0.59	0.20
ACC	0.00	0.51	1.46	1.46	2.17	2.17	2.17	2.60	2.60	3.39	3.98	4.17
MAX	0.00	0.51	0.75	0.00	0.39	0.00	0.00	0.24	0.00	0.63	0.28	0.08
NO.	0	1	5	0	3	0	0	2	0	4	3	3

Maximum Daily Rainfall	0.75
Maximum Monthly Rainfall	0.94
Total Annual Rainfall	4.17
Number of Days with Rain	21

Notes:

Annual rainfall in millimeters: 106

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Sand Tank Wash (gage # 6940) for Water Year 2008

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			.04									
2												
3												
4					.04							
5												
6				.08								
7			.08	.04								
8			.04								.04	
9												
10										.16		
11			.20							.04		.20
12										.08		
13												
14											.16	
15												
16												
17												
18												
19							----					
20										.39		
21												
22								1.65				
23								.16				
24								.04				
25											.08	
26											.28	
27				.51							.04	
28											.04	
29											.08	
30		.94			----						.28	
31		----			----		----		----		.20	----
SUM	0.00	0.94	0.35	0.63	0.04	0.00	0.00	1.85	0.00	0.67	1.18	0.20
ACC	0.00	0.94	1.30	1.93	1.97	1.97	1.97	3.82	3.82	4.49	5.67	5.87
MAX	0.00	0.94	0.20	0.51	0.04	0.00	0.00	1.65	0.00	0.39	0.28	0.20
NO.	0	1	4	3	1	0	0	3	0	4	9	1

Maximum Daily Rainfall	1.65
Maximum Monthly Rainfall	1.85
Total Annual Rainfall	5.87
Number of Days with Rain	26

Notes:

Annual rainfall in millimeters: 149 Total down-time: 2.25 days
Gage 6940 down from 4/17 23:13 (50) through 4/20 05:13 (50) due to data collision; no rain fell.

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Sand Tank Wash (gage # 6940) for Water Year 2007

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4												
5								----				
6								----		.08		
7								----				
8								----				
9												
10												
11												
12							.12				.08	
13												
14												
15											.08	.04
16											.35	
17												
18												
19					.04							
20												
21							.28					
22						.43						
23										.39		
24										.04		
25										.59		
26										.04		
27												
28												
29					----							
30					----						.04	
31		----		.20	----		----		----	.31		----
SUM	0.00	0.00	0.00	0.20	0.04	0.43	0.39	0.00	0.00	1.46	0.55	0.04
ACC	0.00	0.00	0.00	0.20	0.24	0.67	1.06	1.06	1.06	2.52	3.07	3.11
MAX	0.00	0.00	0.00	0.20	0.04	0.43	0.28	0.00	0.00	0.59	0.35	0.04
NO.	0	0	0	1	1	1	2	0	0	6	4	1

Maximum Daily Rainfall	0.59
Maximum Monthly Rainfall	1.46
Total Annual Rainfall	3.11
Number of Days with Rain	16

Notes:

Annual rainfall in millimeters: 79 Total down-time: 4.46 days

Gage 6940 down from 5/04 21:20 (27) through 5/09 08:16 (27) due to programming error; no rain fell.

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Sand Tank Wash (gage # 6940) for Water Year 2006

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1									----			
2									----			.35
3												
4												
5												
6												
7										.28		.28
8												.35
9											.04	.28
10												
11						1.61					.04	
12											.12	.28
13												
14											.51	
15												
16												
17										.24		
18	.24											
19						.08						
20												
21											.12	
22				----							.08	
23												
24											.08	
25												
26										1.42		
27							.59		.16			
28												
29					----							
30					----						.12	
31		----			----		----		----			----
SUM	0.24	0.00	0.00	0.00	0.00	1.69	0.59	0.00	0.16	1.93	1.10	1.54
ACC	0.24	0.24	0.24	0.24	0.24	1.93	2.52	2.52	2.68	4.61	5.71	7.24
MAX	0.24	0.00	0.00	0.00	0.00	1.61	0.59	0.00	0.16	1.42	0.51	0.35
NO.	1	0	0	0	0	2	1	0	1	3	8	5

Maximum Daily Rainfall	1.61
Maximum Monthly Rainfall	1.93
Total Annual Rainfall	7.24
Number of Days with Rain	21

Notes:

Annual rainfall in millimeters: 184 Total down-time: 5.25 days

Gage 6940 down from 1/20 23:01 (6) through 1/23 11:01 (6) due to repeater failure; no rain fell.

Gage 6940 down from 5/31 14:56 (64) through 6/03 08:56 (64) for unknown reason; no rain fell.

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Sand Tank Wash (gage # 6940) for Water Year 2005

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3				.28							.04	
4			.12	.47								
5			.24			.20						.04
6												
7		.31										
8		.12										
9											.08	
10											.63	
11				.04	.28							
12					.12						.12	
13												
14												
15								-----			.16	
16								-----				
17												
18					.28							
19					.71							
20												
21	.59				.35							
22		.28							.20			
23				.04	.16					.08	.28	
24												
25												
26				.20								
27										.04		
28	.67		.08									
29			.24		-----							
30					-----					.28		
31		-----			-----		-----		-----			-----
SUM	1.26	0.71	0.67	1.02	1.89	0.20	0.00	0.00	0.20	0.39	1.30	0.04
ACC	1.26	1.97	2.64	3.70	5.63	5.83	5.83	5.83	6.06	6.46	7.76	7.80
MAX	0.67	0.31	0.24	0.47	0.71	0.20	0.00	0.00	0.20	0.28	0.63	0.04
NO.	2	3	4	5	6	1	0	0	1	3	6	1

Maximum Daily Rainfall	0.71
Maximum Monthly Rainfall	1.93
Total Annual Rainfall	7.80
Number of Days with Rain	32

Notes:

Annual rainfall in millimeters: 198 Total down-time: 3.25 days

Gage 6940 down from 5/14 03:08 (148) through 5/17 09:08 (148) due to repeater failure; no rain fell.

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Sand Tank Wash (gage # 6940) for Water Year 2004

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2						.08	.08					
3						.12	.20					
4												
5												
6											.24	
7												
8												
9												
10	.04											
11												
12		.24										
13		.04								.28		
14										.24		
15												
16												
17												
18												
19												
20												
21				.31								
22				.51								
23				.04	.75							
24											.04	
25												
26			.08							.04		
27												
28												
29												
30					-----							
31	-----				-----		-----		-----			-----
SUM	0.04	0.28	0.08	0.87	0.75	0.20	0.28	0.00	0.00	0.55	0.28	0.00
ACC	0.04	0.31	0.39	1.26	2.01	2.20	2.48	2.48	2.48	3.03	3.31	3.31
MAX	0.04	0.24	0.08	0.51	0.75	0.12	0.20	0.00	0.00	0.28	0.24	0.00
NO.	1	2	1	3	1	2	2	0	0	3	2	0

Maximum Daily Rainfall	0.75
Maximum Monthly Rainfall	0.87
Total Annual Rainfall	3.31
Number of Days with Rain	17

Notes:

Annual rainfall in millimeters: 84

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Sand Tank Wash (gage # 6940) for Water Year 2003

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1						.04						
2												
3												
4												.75
5												.08
6												
7												
8				.63								
9												
10												
11												
12					.08							
13					.63							
14					.24						.04	
15							.04				.35	
16						.87						
17		-----										
18		-----										
19											.08	
20			.04									
21												
22												
23			.04									.08
24												.83
25					.35							
26	.12										.16	
27					.08						.04	
28										.43		
29		.55			-----					.12		
30					-----							
31		-----			-----		-----		-----			-----
SUM	0.12	0.55	0.08	0.63	1.38	0.91	0.04	0.00	0.00	0.55	0.67	1.73
ACC	0.12	0.67	0.75	1.38	2.76	3.66	3.70	3.70	3.70	4.25	4.92	6.65
MAX	0.12	0.55	0.04	0.63	0.63	0.87	0.04	0.00	0.00	0.43	0.35	0.83
NO.	1	1	2	1	5	2	1	0	0	2	5	4

Maximum Daily Rainfall	0.87
Maximum Monthly Rainfall	1.73
Total Annual Rainfall	6.65
Number of Days with Rain	24

Notes:

Total annual rainfall in millimeters: 169 Total down-time: 3.04 days
Gage 6940 down from 11/16 08:14 (3) through 11/19 09:14 (3) due to battery failure; no rain fell.

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Sand Tank Wash (gage # 6940) for Water Year 2002

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3											.16	
4		.04	.28									
5												
6	.35											
7	.08											.04
8						.04						.04
9												
10												
11			.20									
12												
13												
14												
15			.04									
16												
17												
18												
19												
20												
21												
22												
23										.20		
24												
25												
26												
27												
28												
29					---							
30				.08	---							
31	---				---		---		---			---
SUM	0.43	0.04	0.51	0.08	0.00	0.04	0.00	0.00	0.00	0.20	0.16	0.08
ACC	0.43	0.47	0.98	1.06	1.06	1.10	1.10	1.10	1.10	1.30	1.46	1.54
MAX	0.35	0.04	0.28	0.08	0.00	0.04	0.00	0.00	0.00	0.20	0.16	0.04
NO.	2	1	3	1	0	1	0	0	0	1	1	2

Maximum Daily Rainfall	0.35
Maximum Monthly Rainfall	0.51
Total Annual Rainfall	1.54
Number of Days with Rain	12

Notes:

Total annual rainfall in millimeters: 39

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Sand Tank Wash (gage # 6940) for Water Year 2001

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4	.12											
5												
6		.63					.04			.08		
7						.39						
8												
9											.04	
10						.08					.08	
11												
12				.47								
13												1.34
14					.08							
15												
16				.04								
17											.08	
18												
19	.12											
20												
21							.12					
22												
23	.43											
24												
25					.08							
26					.04							
27	.31			.35	.20							
28				.08	.31							
29					----							
30	.04				----							
31		----			----		----		----			----
SUM	1.02	0.63	0.00	0.94	0.71	0.47	0.16	0.00	0.00	0.08	0.20	1.34
ACC	1.02	1.65	1.65	2.60	3.31	3.78	3.94	3.94	3.94	4.02	4.21	5.55
MAX	0.43	0.63	0.00	0.47	0.31	0.39	0.12	0.00	0.00	0.08	0.08	1.34
NO.	5	1	0	4	5	2	2	0	0	1	3	1

Maximum Daily Rainfall	1.34
Maximum Monthly Rainfall	1.34
Total Annual Rainfall	5.55
Number of Days with Rain	24

Notes:

Annual rainfall in millimeters: 141

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Sand Tank Wash (gage # 6940) for Water Year 2000

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2				.04								
3												
4												
5						.08						
6						1.18						
7						.16						
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20									.04			
21												
22									.63			
23												
24											.55	
25												
26											.04	
27											.16	
28												
29											.12	
30					----							
31		----			----		----		----			----
SUM	0.00	0.00	0.00	0.04	0.00	1.42	0.00	0.00	0.67	0.00	0.87	0.00
ACC	0.00	0.00	0.00	0.04	0.04	1.46	1.46	1.46	2.13	2.13	3.03	3.03
MAX	0.00	0.00	0.00	0.04	0.00	1.18	0.00	0.00	0.63	0.00	0.55	0.00
NO.	0	0	0	1	0	3	0	0	2	0	4	0

Maximum Daily Rainfall	1.18
Maximum Monthly Rainfall	1.42
Total Annual Rainfall	3.03
Number of Days with Rain	10

Notes:

Annual rainfall in millimeters: 77

Total down-time: 0 days

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Sand Tank Wash (gage # 6940) for Water Year 1999

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1							.24					
2			.04				.63					
3												
4							.04					
5					.71							
6		----	.12							.31		
7		----										
8										.04		
9												
10								----		.28		
11								----		.20		
12												
13										.28		
14										.20		
15			.16							.63		
16						.08						
17		----										
18		----								.59		
19		----								----		
20		----								----		
21		----								----	.04	
22		----										
23											.16	.20
24										.55		
25				.16								
26												
27											.59	
28										.04	.08	
29		.04			----					.16		
30	.39				----							
31		----			----		----		----		1.65	----
SUM	0.39	0.04	0.31	0.16	0.71	0.08	0.91	0.00	0.00	3.27	2.52	0.20
ACC	0.39	0.43	0.75	0.91	1.61	1.69	2.60	2.60	2.60	5.91	8.43	8.62
MAX	0.39	0.04	0.16	0.16	0.71	0.08	0.63	0.00	0.00	0.63	1.65	0.20
NO.	1	1	3	1	1	1	3	0	0	11	5	1

Maximum Daily Rainfall	1.65
Maximum Monthly Rainfall	3.31
Total Annual Rainfall	8.62
Number of Days with Rain	28

Notes:

Annual rainfall in millimeters: 219 Total down-time: 15.21 days

Gage 6940 down from 11/05 09:28 (10) through 11/08 21:28 (10) for unknown reason; no rain fell.
Gage 6940 down from 11/16 21:29 (10) through 11/23 09:29 (10) due to battery failure; no rain fell.
Gage 6940 down from 5/09 22:02 (66) through 5/12 09:09 due to battery failure; no rain fell.
Gage 6940 down from 7/18 15:40 (131) through 7/21 09:44 (131) due to antenna failure; no rain fell.

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Sand Tank Wash (gage # 6940) for Water Year 1998

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			.20				.12					.04
2												
3					.12			----				
4					.31			----		.20		.12
5								----		.63		
6			.04			.04				.04	.67	
7			.12							.04		
8					1.14					.04		
9					.39							.08
10												
11											1.18	
12											.12	
13								.04				
14						.31						
15					.28							
16												
17					.47							
18										.24	.04	
19			.28									
20					.24					.08		
21			.35							.04		
22	.31		.08							.04		
23										.20		
24					.39						.04	
25							.08				.24	
26						.63						
27												
28						.31						
29					----	.20						
30					----	.12				.51		
31		----			----		----		----			----
SUM	0.31	0.00	1.06	0.00	3.35	1.61	0.20	0.04	0.00	2.05	2.28	0.24
ACC	0.31	0.31	1.38	1.38	4.72	6.34	6.54	6.57	6.57	8.62	10.91	11.14
MAX	0.31	0.00	0.35	0.00	1.14	0.63	0.12	0.04	0.00	0.63	1.18	0.12
NO.	1	0	6	0	8	6	2	1	0	11	6	3

Maximum Daily Rainfall	1.18
Maximum Monthly Rainfall	3.35
Total Annual Rainfall	11.14
Number of Days with Rain	44

Notes:

Annual rainfall in millimeters: 283 Total down-time: 4.6 days

Gage down from 5/02 7:58 (166) through 5/06 21:26 (166) due to battery failure; no rain fell.

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Sand Tank Wash (gage # 6940) for Water Year 1997

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												.08
2							.12					
3							.51				.04	
4												
5											.04	.55
6											.04	
7												
8											1.02	
9												
10												
11					.31							.04
12												
13				.94								
14												
15												
16												
17											1.02	
18												
19												
20								.12				
21										.08		
22												
23											.12	
24												.04
25												.20
26				.04								
27					.04							
28					.04						.04	
29		.12								.08		
30											.08	
31												
SUM	0.00	0.12	0.00	0.98	0.39	0.00	0.63	0.12	0.00	0.16	2.40	0.91
ACC	0.00	0.12	0.12	1.10	1.50	1.50	2.13	2.24	2.24	2.40	4.80	5.71
MAX	0.00	0.12	0.00	0.94	0.31	0.00	0.51	0.12	0.00	0.08	1.02	0.55
NO.	0	1	0	2	3	0	2	1	0	2	8	5

Maximum Daily Rainfall	1.02
Maximum Monthly Rainfall	2.40
Total Annual Rainfall	5.71
Number of Days with Rain	24

Notes:

Annual rainfall in millimeters: 145 Total down-time: 7.5 days

Gage down from 10/23/96 8:02 (0) through 10/26/96 20:02 (0) due to radio path problem; no rain fell.

Gage down from 12/18/96 8:01 (3) through 12/22/96 8:01 (3) due to battery failure; no rain fell.

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Sand Tank Wash (gage # 6940) for Water Year 1996

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1					.04							
2											.12	
3										.35		
4												
5		.31										
6		.31										.16
7												
8												
9												
10												
11												.08
12												
13						.24						
14						.43				.98	.79	
15										.79		
16												
17												
18												
19												
20												
21												
22												
23												
24												
25					.39							
26					.04							
27												
28												
29											.91	
30											.08	
31												
SUM	0.00	0.63	0.00	0.00	0.47	0.67	0.00	0.00	0.00	2.13	1.89	0.24
ACC	0.00	0.63	0.63	0.63	1.10	1.77	1.77	1.77	1.77	3.90	5.79	6.02
MAX	0.00	0.31	0.00	0.00	0.39	0.43	0.00	0.00	0.00	0.98	0.91	0.16
NO.	0	2	0	0	3	2	0	0	0	3	4	2

Maximum Daily Rainfall	0.98
Maximum Monthly Rainfall	2.13
Total Annual Rainfall	6.02
Number of Days with Rain	16

Notes:

Annual Rainfall in mm: 153

Gage down from 8/30 01:37 (147) through 9/06 08:07 (148) due to battery failure, assigned rainfall to 9/06.

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Sand Tank Wash (gage # 6940) for Water Year 1995

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4				0.55								
5			0.63	0.75								
6			0.16									
7												
8												
9												0.12
10												
11						0.24				0.08		
12		0.51				0.08						
13					0.20							
14												
15												
16							0.16			0.04	0.31	
17				0.04								
18							0.16					
19							0.08					
20											0.04	
21												
22			0.08									
23			0.35								0.04	
24											0.04	
25			0.31	0.08								
26			0.08									
27												
28												
29												
30												
31												
SUM	0.00	0.51	1.61	1.42	0.20	0.31	0.39	0.00	0.00	0.12	0.43	0.12
ACC	0.00	0.51	2.17	3.58	3.78	4.09	4.49	4.49	4.49	4.61	5.04	5.16
MAX	0.00	0.51	0.63	0.75	0.20	0.24	0.16	0.00	0.00	0.08	0.31	0.12
NO.	0	1	6	4	1	2	3	0	0	2	4	1

Maximum Daily Rainfall	0.75
Maximum Monthly Rainfall	1.65
Total Annual Rainfall	5.16
Number of Days with Rain	24

Notes:

Gage down from 12/26 07:50 (55) through 12/29 09:00 (55) for unknown reason; assume no rain fell.

Annual rainfall in mm: 131

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Sand Tank Wash (gauge # 6940) for Water Year 1994

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												0.12
2												0.08
3												
4												
5												
6	0.20											
7					0.71							
8					0.63						0.12	
9					0.04							0.55
10												1.34
11		0.08									0.20	
12		0.08									0.16	
13		0.24										
14		0.79										
15		0.04										
16												
17												
18										0.51	0.24	
19										0.04		
20						0.08						
21												0.43
22												
23												
24								0.08		0.24		
25						0.83						
26						0.04	0.20					
27							0.04					
28										0.24		
29												
30												
31												
SUM	0.20	1.22	0.00	0.00	1.38	0.94	0.24	0.08	0.00	1.02	0.71	2.52
ACC	0.20	1.42	1.42	1.42	2.80	3.74	3.98	4.06	4.06	5.08	5.79	8.31
MAX	0.20	0.79	0.00	0.00	0.71	0.83	0.20	0.08	0.00	0.51	0.24	1.34
NO.	1	5	0	0	3	3	2	1	0	4	4	5

Maximum Daily Rainfall	1.34
Maximum Monthly Rainfall	2.52
Total Annual Rainfall	8.31
Number of Days with Rain	28

Notes:

Annual rainfall in mm: 211

Gauge down from 11/18 11:38 (36) through 11/21 00:37 (36); no rain fell.

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Sand Tank Wash (gage # 6940) for Water Year 1993

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1						.04						
2												
3			.12	.12								
4			.67									
5			.04									
6				.20								
7				.39							.35	
8			.71	.20	.35						.94	
9					.12							
10				.47						.04		
11												
12				.16								
13				.08								
14					.24							
15					.12			.08				
16												
17				.12								
18			.08	.04							.04	
19												
20												
21												
22												
23												
24												
25											.24	
26						.31					.28	
27			.20		.04	.04					.16	
28			.47		.67	.59						
29			.04		-----	.59						
30					-----							
31	.12	-----			-----		-----		-----			-----
SUM	0.12	0.00	2.32	1.77	1.54	1.57	0.00	0.08	0.00	0.04	2.01	0.00
ACC	0.12	0.12	2.52	4.29	5.83	7.40	7.40	7.48	7.48	7.52	9.53	9.53
MAX	0.12	0.00	0.71	0.47	0.67	0.59	0.00	0.08	0.00	0.04	0.94	0.00
NO.	1	0	8	9	6	5	0	1	0	1	6	0

Maximum Daily Rainfall	0.94
Maximum Monthly Rainfall	2.40
Total Annual Rainfall	9.53
Number of Days with Rain	37

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Sand Tank Wash (gage # 6940) for Water Year 1992

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1							.04					
2						.12						
3				.04		.31					.31	
4				.12							.24	
5								.28				
6				.28	.12						.04	
7					.39	.04					.04	
8					.04	1.10						
9												
10		.04								.04		
11												
12												
13					.24							
14												
15					.12						.31	
16											.04	
17												
18			.16									
19			.91									
20			.08									
21	.04		.04	.08				.20				
22												
23								.04			.08	
24										.39		
25												
26												
27						.47						
28												
29		.08										
30		.39			-----							
31		-----			-----		-----		-----			-----
SUM	0.04	0.51	1.18	0.51	0.91	2.05	0.04	0.51	0.00	0.43	1.06	0.00
ACC	0.04	0.55	1.73	2.24	3.15	5.20	5.24	5.75	5.75	6.18	7.28	7.28
MAX	0.04	0.39	0.91	0.28	0.39	1.10	0.04	0.28	0.00	0.39	0.31	0.00
NO.	1	3	4	4	5	5	1	3	0	2	7	0

Maximum Daily Rainfall	1.10
Maximum Monthly Rainfall	2.05
Total Annual Rainfall	7.28
Number of Days with Rain	35

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Sand Tank Wash (gage # 6940) for Water Year 1991

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	.28					.39						
2												
3												
4				.43								
5												.47
6												
7												
8												
9												
10												
11												
12												
13												
14												
15			.20			.20						
16			.04									
17												
18												
19						.08						
20		.08				.94						
21												
22												
23												
24											.12	
25												
26						.28						
27			.04		.04	.63					.28	
28			.16		.28							
29					-----							
30					-----					.16		
31		-----			-----		-----		-----			-----
SUM	0.28	0.08	0.43	0.43	0.31	2.52	0.00	0.00	0.00	0.16	0.39	0.47
ACC	0.28	0.35	0.79	1.22	1.54	4.06	4.06	4.06	4.06	4.21	4.61	5.08
MAX	0.28	0.08	0.20	0.43	0.28	0.94	0.00	0.00	0.00	0.16	0.28	0.47
NO.	1	1	4	1	2	6	0	0	0	1	2	1

Maximum Daily Rainfall	0.94
Maximum Monthly Rainfall	2.52
Total Annual Rainfall	5.08
Number of Days with Rain	19

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Sand Tank Wash (gage # 6940) for Water Year 1990

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1					.35							
2				.16								
3												.35
4												
5												.39
6										.04		
7												
8					.51					.39		
9					.04					.08		
10										.59		
11										.04	.04	
12												
13											.31	
14											1.18	.63
15											.12	.47
16										.55		
17				.35								
18												
19					.35							
20												.12
21	.12											
22												
23												
24							.04			.12		
25												
26												
27												
28			.16					.04				
29			.08		-----	.04						
30					-----							
31	-----				-----		-----		-----			-----
SUM	0.12	0.00	0.24	0.51	1.26	0.04	0.04	0.04	0.00	1.81	1.65	1.97
ACC	0.12	0.12	0.35	0.87	2.13	2.17	2.20	2.24	2.24	4.06	5.71	7.68
MAX	0.12	0.00	0.16	0.35	0.51	0.04	0.04	0.04	0.00	0.59	1.18	0.63
NO.	1	0	2	2	4	1	1	1	0	7	4	5

Maximum Daily Rainfall	1.18
Maximum Monthly Rainfall	1.97
Total Annual Rainfall	7.68
Number of Days with Rain	28

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Sand Tank Wash (gage # 6940) for Water Year 1989

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2											.39	
3				.08								
4				.63								
5												
6				.04								
7												
8												
9											.24	
10										.04	.47	
11												
12												
13												
14												
15	.55											
16											.35	
17												
18												
19	.04											
20	.20											
21												
22												
23												
24												
25		.08		.12								
26				.28		.47						
27				.04						.20		
28												
29					-----							
30					-----							
31		-----			-----		-----		-----			-----
SUM	0.79	0.08	0.00	1.18	0.00	0.47	0.00	0.00	0.00	0.24	1.46	0.00
ACC	0.79	0.87	0.87	2.05	2.05	2.52	2.52	2.52	2.52	2.76	4.21	4.21
MAX	0.55	0.08	0.00	0.63	0.00	0.47	0.00	0.00	0.00	0.20	0.47	0.00
NO.	3	1	0	6	0	1	0	0	0	2	4	0

Maximum Daily Rainfall	0.63
Maximum Monthly Rainfall	1.46
Total Annual Rainfall	4.21
Number of Days with Rain	17

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Sand Tank Wash (gage # 6940) for Water Year 1988

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	-----	-----										
2	-----	-----			.08							
3	-----	-----			.28							
4	-----	-----										
5	-----	-----										
6	-----	-----										
7	-----	-----										
8	-----	-----										
9	-----											
10	-----									.04		
11	-----											
12	-----											
13	-----											
14	-----											
15	-----						.04					
16	-----						.28					
17	-----		.91	.35								
18	-----			.04								
19	-----										.08	
20	-----										.12	
21	-----						.47					
22	-----											
23	-----											
24	-----										.08	
25	-----											
26	-----										.08	
27	-----								.04			
28	-----										1.54	
29	-----									.08		
30	-----				-----					.04		
31	-----	-----			-----		-----		-----	.04		-----
SUM	-----	0.00	0.91	0.39	0.35	0.00	0.79	0.00	0.04	0.20	1.89	0.00
ACC	-----	0.00	0.91	1.30	1.65	1.65	2.44	2.44	2.48	2.68	4.57	4.57
MAX	-----	0.00	0.91	0.35	0.28	0.00	0.47	0.00	0.04	0.08	1.54	0.00
NO.	-----	0	1	2	2	0	3	0	1	4	5	0

Maximum Daily Rainfall	1.54
Maximum Monthly Rainfall	1.89
Partial Annual Rainfall	4.57
Number of Days with Rain	18

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Sand Tank Wash (gage # 6940) for Water Year 1987

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2		.20										
3												
4											.20	
5				.08							.04	
6			.24									
7			.59									
8												
9	.47											
10	.04											
11											.12	
12												
13												
14												
15				.08								
16			.04									
17												
18												
19												
20												
21												
22												
23											.20	
24					1.30							
25					.51							
26					.55							
27										.08		
28												
29												.08
30												
31										.47		
SUM	0.51	0.20	0.87	0.16	2.36	0.00	0.00	0.00	0.00	0.55	0.55	0.08
ACC	0.51	0.71	1.57	1.73	4.09	4.09	4.09	4.09	4.09	4.65	5.20	5.28
MAX	0.47	0.20	0.59	0.08	1.30	0.00	0.00	0.00	0.00	0.47	0.20	0.08
NO.	2	1	3	2	3	0	0	0	0	2	4	1

Maximum Daily Rainfall	1.30
Maximum Monthly Rainfall	2.36
Total Annual Rainfall	5.28
Number of Days with Rain	18

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Sand Tank Wash (gage # 6940) for Water Year 1986

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3										.16		
4										.08		
5												
6												
7												
8					.98							
9					.04						.04	
10												
11			.83									
12		1.06	.08									
13												
14				.08		.20						
15					.04							
16	.43					.35						
17											.08	
18												
19											.04	
20												
21										.47		
22												
23												.08
24												
25		.67									.98	
26												
27												
28												
29		.16										
30												
31				.35								
SUM	0.43	1.89	0.91	0.43	1.06	0.55	0.00	0.00	0.00	0.71	1.14	0.08
ACC	0.43	2.32	3.23	3.66	4.72	5.28	5.28	5.28	5.28	5.98	7.13	7.20
MAX	0.43	1.06	0.83	0.35	0.98	0.35	0.00	0.00	0.00	0.47	0.98	0.08
NO.	1	3	2	2	3	2	0	0	0	3	4	1

Maximum Daily Rainfall	1.06
Maximum Monthly Rainfall	1.89
Total Annual Rainfall	7.20
Number of Days with Rain	21

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Sand Tank Wash (gage # 6940) for Water Year 1985

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2					.24							
3					.08							
4			.35		.04							
5												
6											.08	
7				.20						.12		
8			.12	.04						.04		
9												
10			.47									
11			.20			.12						
12			.04									
13												
14												
15												
16												
17										.24	.04	
18		.31								.20		.24
19												
20					.24					.04		
21					.63							
22		.16										
23		.08										
24		.04										
25												
26												.04
27			.39									.04
28			.24	.24								.20
29			.04							.08	.04	
30											.71	
31												
SUM	0.00	0.59	1.85	0.47	1.22	0.12	0.00	0.00	0.00	0.71	0.87	0.51
ACC	0.00	0.59	2.44	2.91	4.13	4.25	4.25	4.25	4.25	4.96	5.83	6.34
MAX	0.00	0.31	0.47	0.24	0.63	0.12	0.00	0.00	0.00	0.24	0.71	0.24
NO.	0	4	8	3	5	1	0	0	0	6	4	4

Maximum Daily Rainfall	0.71
Maximum Monthly Rainfall	1.85
Total Annual Rainfall	6.34
Number of Days with Rain	35

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Sand Tank Wash (gage # 6940) for Water Year 1984

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			.51									1.02
2			.47									.04
3												
4												
5				.55							.87	
6							.94			.04		
7												
8												
9											.12	
10											.04	
11												
12												
13											.12	
14										.08	.71	
15												
16												
17											.20	
18										.12	.79	
19	.04									.28		
20										.08	.24	
21		.24										
22										.12		
23												
24	.24											
25			.59						1.89	.16		
26			.04							.04		.08
27												.08
28		.04					.43			.59		
29									.08	.98		
30								.20				
31											.08	
SUM	0.28	0.28	1.61	0.55	0.00	0.00	1.38	0.20	1.97	2.48	3.15	1.22
ACC	0.28	0.55	2.17	2.72	2.72	2.72	4.09	4.29	6.26	8.74	11.89	13.11
MAX	0.24	0.24	0.59	0.55	0.00	0.00	0.94	0.20	1.89	0.98	0.87	1.02
NO.	2	2	4	1	0	0	2	1	2	10	9	4

Maximum Daily Rainfall	1.89
Maximum Monthly Rainfall	3.15
Total Annual Rainfall	13.11
Number of Days with Rain	37

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Sand Tank Wash (gage # 6940) for Water Year 1983

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4												
5												
6												
7												
8											.63	
9											.20	
10												
11												
12												
13												
14											.24	
15											.04	
16											.79	
17											.04	.04
18												
19												
20												.20
21												
22												
23												
24												
25												
26												
27												
28												
29												.16
30										.12		1.10
31												
SUM										0.12	1.93	1.50
ACC										0.12	2.05	3.54
MAX										0.12	0.79	1.10
NO.										1	6	4

Maximum Daily Rainfall	1.10
Maximum Monthly Rainfall	1.93
Partial Annual Rainfall	3.54
Number of Days with Rain	11

Station installed on 07/21/1983.