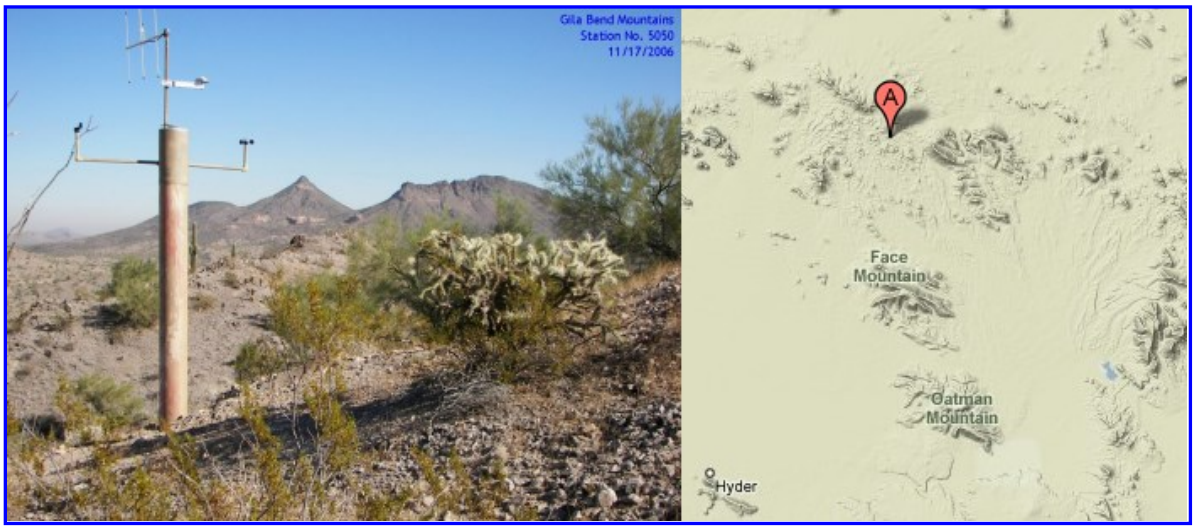
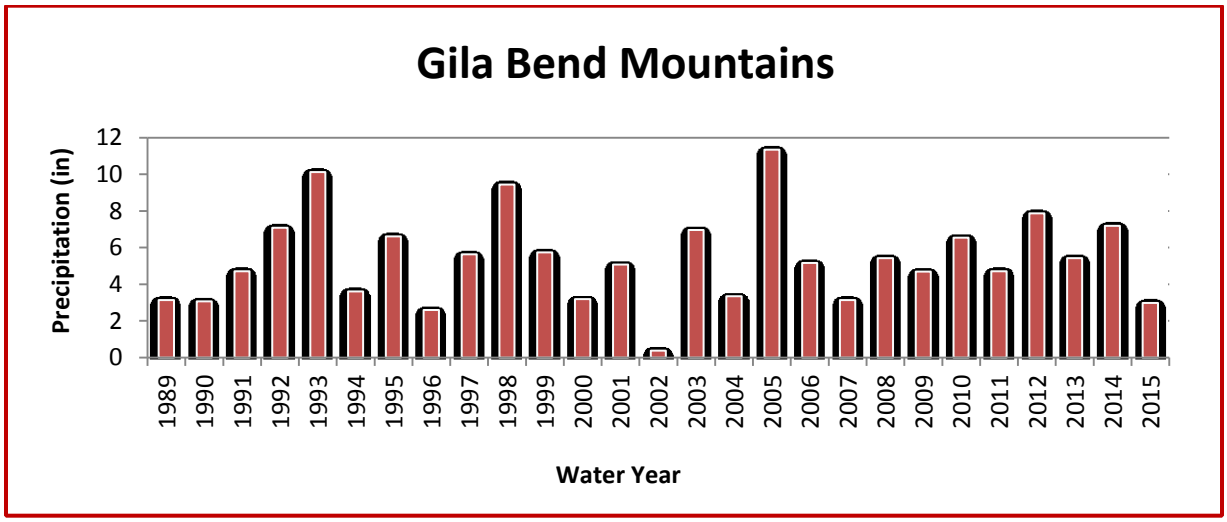


Station Name: Gila Bend Mountains

Station ID Number History:	**5050** since 09/28/92 **0510** from 09/28/92 - 06/01/88
Data Begins:	06/01/1988
Years Since Installation:	27.33 (as of 10/01/15)
Data Repeater:	White Tank Peak
County:	Maricopa
Latitude:	33° 14' 29.0" (33.24138)
Longitude:	113° 12' 18.1" (113.20503)
Elevation:	1,560 ft. msl
Location:	16 miles NW of Painted Rock Dam off Agua Caliente Road
Data Record:	
Incomplete Months:	None
Missing Months:	None
Remarks:	Records Good



Data Statistics for Period of Record:

Number of storms greater than 1 inch in 24 hours:	30	
Number of storms greater than 2 inches in 24 hours:	5	
Number of storms greater than 3 inches in 24 hours:	0	
		Approx. T_r
Greatest 15 minute total:	0.87" on 07/10/99	8 years
Greatest 1 hour total:	1.34" on 07/10/99	6 years
Greatest 3 hour total:	1.89" on 09/25/97	11 years
Greatest 6 hour total:	2.36" on 09/25/97	16 years
Greatest 24 hour total:	2.44" on 09/25/97	10 years
Greatest 72 hour total:	3.04" on 01/21/10	16 years

Water Year Totals: (Mean of Complete Water Years [27] = 5.38 inches)

Water Year	Total	Water Year	Total	Water Year	Total	Water Year	Total
2020		2010	6.54	2000	3.19	1990	3.07
2019		2009	4.69	1999	5.75	1989	3.15
2018		2008	5.43	1998	9.45	1988	M
2017		2007	3.15	1997	5.63	1987	
2016		2006	5.16	1996	2.60	1986	
2015	2.99	2005	11.34	1995	6.61	1985	
2014	7.20	2004	3.35	1994	3.62	1984	
2013	5.43	2003	6.97	1993	10.12	1983	
2012	7.87	2002	0.39	1992	7.09	1982	
2011	4.72	2001	5.08	1991	4.72	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 Gila Bend Mountains (gage # 5050) for Water Year 2015

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1										.04		
2						.43						
3												
4			.28					.35				.08
5												
6												
7												
8												
9												
10												
11				.04								
12				.08							.04	
13			.16									
14												
15								.43				
16												
17												
18										.12		
19						.28						
20												
21												
22												
23												
24												
25											.20	
26				.08								
27												
28												
29				.08	----							
30				.28	----							
31		----	.04		----		----		----			----
SUM	0.00	0.00	0.47	0.55	0.00	0.71	0.00	0.79	0.00	0.16	0.24	0.08
ACC	0.00	0.00	0.47	1.02	1.02	1.73	1.73	2.52	2.52	2.68	2.91	2.99
MAX	0.00	0.00	0.28	0.28	0.00	0.43	0.00	0.43	0.00	0.12	0.20	0.08
NO.	0	0	3	5	0	2	0	2	0	2	2	1

Maximum Daily Rainfall	0.43
Maximum Monthly Rainfall	0.79
Total Annual Rainfall	2.99
Number of Days with Rain	17

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Gila Bend Mountains (gage # 5050) for Water Year 2014

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1						1.65						
2												
3												
4		.12										
5												
6												.08
7										.63		
8												.04
9										.35		.43
10	.08											
11												
12											.04	
13												
14										.16		
15												
16												.04
17											.04	
18												
19												
20			.04								.35	
21		.63									.20	
22		1.65										
23		.24										
24												
25												
26												
27										.20		.24
28												
29					----							
30					----							
31		----			----		----		----			----
SUM	0.08	2.64	0.04	0.00	0.00	1.65	0.00	0.00	0.00	1.34	0.63	0.83
ACC	0.08	2.72	2.76	2.76	2.76	4.41	4.41	4.41	4.41	5.75	6.38	7.20
MAX	0.08	1.65	0.04	0.00	0.00	1.65	0.00	0.00	0.00	0.63	0.35	0.43
NO.	1	4	1	0	0	1	0	0	0	4	4	5

Maximum Daily Rainfall	1.65
Maximum Monthly Rainfall	2.64
Total Annual Rainfall	7.20
Number of Days with Rain	20

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Gila Bend Mountains (gage # 5050) for Water Year 2013

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2										.20		
3												
4												
5												
6												
7												
8						.39						
9					.08							1.06
10												.28
11										.20		
12												
13			.31									
14			.12									
15												
16												
17												
18			.04									
19												
20					.08					.43		
21										.08		
22												----
23												
24											.28	
25												
26				.79							.55	
27				.04								
28											.47	
29					----						.04	
30					----							
31		----			----		----		----			----
SUM	0.00	0.00	0.47	0.83	0.16	0.39	0.00	0.00	0.00	0.91	1.34	1.34
ACC	0.00	0.00	0.47	1.30	1.46	1.85	1.85	1.85	1.85	2.76	4.09	5.43
MAX	0.00	0.00	0.31	0.79	0.08	0.39	0.00	0.00	0.00	0.43	0.55	1.06
NO.	0	0	3	2	2	1	0	0	0	4	4	2

Maximum Daily Rainfall	1.06
Maximum Monthly Rainfall	1.34
Total Annual Rainfall	5.43
Number of Days with Rain	18

Gage 5050 down from 9/20 23:11 (138) through 9/23 11:11 (138) due to repeater failure; no rain fell.

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Gila Bend Mountains (gage # 5050) for Water Year 2012

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1										----		
2												
3												
4		.20								.28		.47
5		.04										
6												
7		.08										
8												
9												.43
10												.55
11												
12			.35							.12		
13		.16	.51							.04		
14			.04							.35		
15												
16												
17						.12					.08	
18			.55			.79					.12	
19												
20												
21											.47	
22											1.42	
23											.04	
24												
25												
26												
27												
28												
29									----	.67		
30					----				----			
31		----			----		----		----			----
SUM	0.00	0.47	1.46	0.00	0.00	0.91	0.00	0.00	0.00	1.46	2.13	1.46
ACC	0.00	0.47	1.93	1.93	1.93	2.84	2.84	2.84	2.84	4.29	6.42	7.87
MAX	0.00	0.20	0.55	0.00	0.00	0.79	0.00	0.00	0.00	0.67	1.42	0.55
NO.	0	4	4	0	0	2	0	0	0	5	5	3

Maximum Daily Rainfall	1.42
Maximum Monthly Rainfall	2.13
Total Annual Rainfall	7.87
Number of Days with Rain	23

Gage 5050 down from 06/28 18:22 (72) through 07/02 08:57 (72) for unknown reason; no rain fell.

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Gila Bend Mountains (gage # 5050) for Water Year 2011

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4	.24									.08		
5										.87		
6												
7												
8							.16					
9							.08					
10												
11												.20
12												
13												.04
14												
15												
16												
17												
18												
19					.35							
20	.08				.04							
21						.12						
22			1.18									
23			.04									
24												
25												
26					.39							
27					.04						.47	
28											.12	
29			.12		----							
30			.12		----							
31		----			----		----		----			----
SUM	0.31	0.00	1.46	0.00	0.83	0.12	0.24	0.00	0.00	0.94	0.59	0.24
ACC	0.31	0.31	1.77	1.77	2.60	2.72	2.95	2.95	2.95	3.90	4.49	4.72
MAX	0.24	0.00	1.18	0.00	0.39	0.12	0.16	0.00	0.00	0.87	0.47	0.20
NO.	2	0	4	0	4	1	2	0	0	2	2	2

Maximum Daily Rainfall	1.18
Maximum Monthly Rainfall	1.46
Total Annual Rainfall	4.72
Number of Days with Rain	19

Annual Total (mm): 120

Days Down: 0

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Gila Bend Mountains (gage # 5050) 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		.20	.87					.04	
8												
9												
10					.16							
11												
12												
13												
14												
15												
16												
17											.24	
18				.04								
19				.75								
20				.04	.08							
21				2.25								
22												
23												
24			----									
25			----									
26			----									
27			----		.24						.08	
28			----		.12							
29					----					1.14		
30					----							
31		----			----		----		----	.04		----
SUM	0.00	0.00	0.28	3.07	0.78	0.87	0.00	0.00	0.00	1.18	0.35	0.00
ACC	0.00	0.00	0.28	3.35	4.13	5.00	5.00	5.00	5.00	6.18	6.54	6.54
MAX	0.00	0.00	0.28	2.25	0.24	0.87	0.00	0.00	0.00	1.14	0.24	0.00
NO.	0	0	1	4	5	1	0	0	0	2	3	0

Maximum Daily Rainfall	2.25
Maximum Monthly Rainfall	3.07
Total Annual Rainfall	6.54
Number of Days with Rain	16

Notes:

Annual rainfall in millimeters: 166

Gage 5050 down from 12/23 15:57 (7) through 12/29 11:48 (7); failure not documented, no rain fell.

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Gila Bend Mountains (gage # 5050) for Water Year 2009

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2										.08		
3												
4												
5												
6												
7					.16							
8					.04							
9					.24							
10							.16					
11							.31					
12												
13												
14												
15												
16			.39									
17			.55		.08							
18												
19												
20												
21										.55	.04	
22												
23				.04								
24												
25			.20							----		
26		1.18	.08							----		
27		.55										
28												
29					----							
30					----							
31		----			----		----		----		.04	----
SUM	0.00	1.73	1.22	0.04	0.51	0.00	0.47	0.00	0.00	0.63	0.08	0.00
ACC	0.00	1.73	2.95	2.99	3.50	3.50	3.98	3.98	3.98	4.61	4.69	4.69
MAX	0.00	1.18	0.55	0.04	0.24	0.00	0.31	0.00	0.00	0.55	0.04	0.00
NO.	0	2	4	1	4	0	2	0	0	2	2	0

Maximum Daily Rainfall	1.18
Maximum Monthly Rainfall	1.73
Total Annual Rainfall	4.69
Number of Days with Rain	17

Notes:

Annual rainfall in millimeters: 119 Total down-time: 2.50 days

Gage 5050 down from 7/24 20:55 (117) through 7/27 08:53 (117) due to transmitter failure; no rain fell.

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Gila Bend Mountains (gage # 5050) for Water Year 2008

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			.20									
2												
3												
4										.08		----
5												----
6											.08	----
7			.04	.43							.12	
8												.04
9												
10												
11			.04									.20
12												
13										.12		
14												
15												
16												
17												
18												
19												
20												
21												
22												
23								.39				
24				.16								
25											.39	
26											.20	
27				.83								.16
28				.04								
29											.08	
30		1.85			----							
31		----			----		----		----			----
SUM	0.00	1.85	0.28	1.46	0.00	0.00	0.00	0.39	0.00	0.20	0.87	0.39
ACC	0.00	1.85	2.13	3.58	3.58	3.58	3.58	3.98	3.98	4.17	5.04	5.43
MAX	0.00	1.85	0.20	0.83	0.00	0.00	0.00	0.39	0.00	0.12	0.39	0.20
NO.	0	1	3	4	0	0	0	1	0	2	5	3

Maximum Daily Rainfall	1.85
Maximum Monthly Rainfall	1.85
Total Annual Rainfall	5.43
Number of Days with Rain	19

Notes:

Annual rainfall in millimeters: 138 Total down-time: 3.50 days

Gage 5050 down from 9/03 22:21 (128) through 9/07 10:21 (128) due to data collision; no rain fell.

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Gila Bend Mountains (gage # 5050) for Water Year 2007

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1					.04						.16	
2												
3												
4												
5												
6											.04	
7												
8												
9												
10												
11												
12												
13	.04											
14											.24	
15												
16							.12					
17												
18												
19				.16	.16							
20				.04								
21							.08			.04		.16
22						.31						
23										.67		
24										.28		
25											.20	
26										.08		
27												
28										.08		
29					----							
30					----					.04		
31		----		.24	----		----		----			----
SUM	0.04	0.00	0.00	0.43	0.20	0.31	0.20	0.00	0.00	1.18	0.63	0.16
ACC	0.04	0.04	0.04	0.47	0.67	0.98	1.18	1.18	1.18	2.36	2.99	3.15
MAX	0.04	0.00	0.00	0.24	0.16	0.31	0.12	0.00	0.00	0.67	0.24	0.16
NO.	1	0	0	3	2	1	2	0	0	6	4	1

Maximum Daily Rainfall	0.67
Maximum Monthly Rainfall	1.18
Total Annual Rainfall	3.15
Number of Days with Rain	20

Notes:

Annual rainfall in millimeters: 80

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Gila Bend Mountains (gage # 5050) for Water Year 2006

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1								----				
2								----				.24
3												
4												
5										.16		
6												.08
7												.39
8												.08
9												
10											.12	
11						.43					.24	
12											.12	.08
13												
14												.04
15										.39		
16												
17	.59											
18	.79											
19												
20										.04		
21												
22				----				.04				
23												
24											.04	
25										.91		
26										.12		
27												
28												
29					----							
30					----						.28	
31		----			----		----		----			----
SUM	1.38	0.00	0.00	0.00	0.00	0.43	0.00	0.04	0.00	1.61	0.79	0.91
ACC	1.38	1.38	1.38	1.38	1.38	1.81	1.81	1.85	1.85	3.46	4.25	5.16
MAX	0.79	0.00	0.00	0.00	0.00	0.43	0.00	0.04	0.00	0.91	0.28	0.39
NO.	2	0	0	0	0	1	0	1	0	5	5	6

Maximum Daily Rainfall	0.91
Maximum Monthly Rainfall	1.61
Total Annual Rainfall	5.16
Number of Days with Rain	20

Notes:

Annual rainfall in millimeters: 131 Total down-time: 4.50 days

Gage 5050 down from 1/21 04:40 (35) through 1/23 10:39 (35) due to repeater failure; no rain fell.

Gage 5050 down from 4/30 22:13 (46) through 5/03 04:13 (46) for unknown reason; no rain fell.

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Gila Bend Mountains (gage # 5050) for Water Year 2005

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3				.75							.04	.31
4			.04	.59							.67	
5			.39			.12		-----				
6			.31					-----				
7		.79									.20	
8												
9											.20	
10				.04	.04						.16	
11					.75							
12		.04			.16							
13												
14												
15								-----				
16												
17												
18					.16							
19					.43	.04				.04		
20												
21	1.97	.16			.08							
22		.16			.08							
23					.08		.04			.04		
24					.04							
25												
26				.12								
27	.12											
28	.98		.35									
29			.71		-----							
30					-----					.16		
31		-----			-----		-----		-----			-----
SUM	3.07	1.14	1.81	1.50	1.81	0.16	0.04	0.00	0.00	0.24	1.26	0.31
ACC	3.07	4.21	6.02	7.52	9.33	9.49	9.53	9.53	9.53	9.76	11.02	11.34
MAX	1.97	0.79	0.71	0.75	0.75	0.12	0.04	0.00	0.00	0.16	0.67	0.31
NO.	3	4	5	4	9	2	1	0	0	3	5	1

Maximum Daily Rainfall	1.97
Maximum Monthly Rainfall	3.07
Total Annual Rainfall	11.34
Number of Days with Rain	37

Notes:

Annual rainfall in millimeters: 288 Total down-time: 9.73 days

Gage 5050 down from 11/05 06:50 (78) through 11/08 12:22 (98) due to transmitter failure; assigned 20 mm to 11/07.
Gage 5050 down from 5/03 23:40 (242) through 5/07 23:40 (242) for unknown reason; no rain fell.
Gage 5050 down from 5/13 23:40 (242) through 5/16 11:40 (242) due to repeater failure; no rain fell.

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Gila Bend Mountains (gage # 5050) for Water Year 2004

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2						.08	.39					
3						.16	.08					
4												
5												
6												
7												
8												
9												
10												
11			.16									
12		.12										
13											1.10	
14										.12		
15												
16										.79		
17												
18												
19												.04
20												
21												
22				.04	.08							
23					.16							
24												
25												
26			.04									
27												
28												
29												
30					-----							
31		-----			-----		-----		-----			-----
SUM	0.00	0.12	0.20	0.04	0.24	0.24	0.47	0.00	0.00	0.91	1.10	0.04
ACC	0.00	0.12	0.31	0.35	0.59	0.83	1.30	1.30	1.30	2.20	3.31	3.35
MAX	0.00	0.12	0.16	0.04	0.16	0.16	0.39	0.00	0.00	0.79	1.10	0.04
NO.	0	1	2	1	2	2	2	0	0	2	1	1

Maximum Daily Rainfall	1.10
Maximum Monthly Rainfall	1.10
Total Annual Rainfall	3.35
Number of Days with Rain	14

Notes:

Annual rainfall in millimeters: 85

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Gila Bend Mountains (gage # 5050) for Water Year 2003

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4												
5												
6												
7												
8				.12								
9												
10												
11												
12					.16							
13					.59							
14											.55	
15							.04				.43	
16						.28						
17						.12						
18							-----					
19							-----				.28	
20				.04								
21												
22												
23												
24												.16
25					1.26							
26	.08				.04						.20	
27											2.09	
28												
29		.24			-----					.20		
30		.04			-----					.08		
31		-----			-----		-----		-----			-----
SUM	0.08	0.28	0.00	0.16	2.05	0.39	0.04	0.00	0.00	0.28	3.54	0.16
ACC	0.08	0.35	0.35	0.51	2.56	2.95	2.99	2.99	2.99	3.27	6.81	6.97
MAX	0.08	0.24	0.00	0.12	1.26	0.28	0.04	0.00	0.00	0.20	2.09	0.16
NO.	1	2	0	2	4	2	1	0	0	2	5	1

Maximum Daily Rainfall	2.09
Maximum Monthly Rainfall	3.54
Total Annual Rainfall	6.97
Number of Days with Rain	20

Notes:

Total annual rainfall in millimeters: 177 Total down-time: 2.50 days

Gage 5050 down from 4/17 14:46 (76) through 4/20 02:45 (76) for unknown reason; no rain fell.

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Gila Bend Mountains (gage # 5050) for Water Year 2002

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1					-----							
2					-----							
3					-----							
4			.04		-----							
5					-----							
6												.12
7												
8												
9												
10												
11			.20									
12			.04									
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					-----							
30					-----							
31		-----			-----		-----		-----			-----
SUM	0.00	0.00	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12
ACC	0.00	0.00	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.39
MAX	0.00	0.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12
NO.	0	0	3	0	0	0	0	0	0	0	0	1

Maximum Daily Rainfall	0.20
Maximum Monthly Rainfall	0.28
Total Annual Rainfall	0.39
Number of Days with Rain	4

Notes:

Total annual rainfall in millimeters: 10 Total down-time: 6.43 days

Gage 5050 down from 01/31 22:19 (7) through 02/06 10:17 (7) due to programming error; no rain fell.

This is the record low annual total for an FCDMC rain station.

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Gila Bend Mountains (gage # 5050) for Water Year 2001

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4												
5												
6						.04				.47		
7						.75						
8												
9				.04							.12	
10												
11				.04								
12				.24							.08	
13					.39						.04	
14					.04							
15				.12							.08	
16				.08								
17											.08	
18												
19												
20												
21	.04											
22	1.46											
23												
24												
25					.08							
26					.04							
27	.59			.04	.20							
28					.04							
29					----							
30					----							
31		----			----		----		----			----
SUM	2.09	0.00	0.00	0.55	0.79	0.79	0.00	0.00	0.00	0.47	0.39	0.00
ACC	2.09	2.09	2.09	2.64	3.43	4.21	4.21	4.21	4.21	4.69	5.08	5.08
MAX	1.46	0.00	0.00	0.24	0.39	0.75	0.00	0.00	0.00	0.47	0.12	0.00
NO.	3	0	0	6	6	2	0	0	0	1	5	0

Maximum Daily Rainfall	1.46
Maximum Monthly Rainfall	2.09
Total Annual Rainfall	5.08
Number of Days with Rain	23

Notes:

Annual rainfall in millimeters: 129

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Gila Bend Mountains (gage # 5050) for Water Year 2000

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4												
5						1.30						
6						.24						
7						.28						----
8												----
9												----
10												----
11												
12												
13												
14												
15											.12	
16											.08	
17												
18												
19												
20												
21					.39							
22												
23									.04			
24											.35	
25											.04	
26												
27											.20	
28						.08						
29											.08	
30					----							
31		----			----		----		----			----
SUM	0.00	0.00	0.00	0.00	0.39	1.89	0.00	0.00	0.04	0.00	0.87	0.00
ACC	0.00	0.00	0.00	0.00	0.39	2.28	2.28	2.28	2.32	2.32	3.19	3.19
MAX	0.00	0.00	0.00	0.00	0.39	1.30	0.00	0.00	0.04	0.00	0.35	0.00
NO.	0	0	0	0	1	4	0	0	1	0	6	0

Maximum Daily Rainfall	1.30
Maximum Monthly Rainfall	1.89
Total Annual Rainfall	3.19
Number of Days with Rain	12

Notes:

Annual rainfall in millimeters: 81 Total down-time: 5.5 days

Gage 5050 down from 9/06 04:35 (81) through 9/11 16:35 (81) due to transmitter failure; no rain fell.

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Gila Bend Mountains (gage # 5050) for Water Year 1999

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1							.28					.24
2							.47		.16			
3												
4					.31							
5					.12							
6												
7												
8			.04							.35		
9												
10										1.42		
11												
12							.08			.04		
13										.16		
14										.51		
15			.08									
16												.04
17												
18												
19												
20												
21												
22												
23												
24												
25				.04								
26												
27											.04	
28		.35								.87		
29					----							
30					----		.04				.12	
31		----			----		----		----			----
SUM	0.00	0.35	0.12	0.04	0.43	0.00	0.87	0.00	0.16	3.35	0.16	0.28
ACC	0.00	0.35	0.47	0.51	0.94	0.94	1.81	1.81	1.97	5.31	5.47	5.75
MAX	0.00	0.35	0.08	0.04	0.31	0.00	0.47	0.00	0.16	1.42	0.12	0.24
NO.	0	1	2	1	2	0	4	0	1	6	2	2

Maximum Daily Rainfall	1.42
Maximum Monthly Rainfall	3.35
Total Annual Rainfall	5.75
Number of Days with Rain	21

Notes:

Annual rainfall in millimeters: 146

Total down-time: 0 days

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Gila Bend Mountains (gage # 5050) for Water Year 1998

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			.04				.31					.08
2												.08
3					.28							.16
4					.16							.39
5										.04		
6			.20		.04							
7			.51									
8					.55							
9					.31						.04	.04
10				.12								.04
11											.35	
12											.43	
13												
14					.08	.35						
15					.39							
16												
17					.75	.04						
18												
19			.51							.51		
20					.35					.08		
21			.98									
22	.04		.35									
23										.08		
24					.16						.04	
25												
26						.43						
27												
28						.12						
29												
30												
31												
SUM	0.04	0.00	2.60	0.12	3.07	0.94	0.31	0.00	0.00	0.71	0.87	0.79
ACC	0.04	0.04	2.64	2.76	5.83	6.77	7.09	7.09	7.09	7.80	8.66	9.45
MAX	0.04	0.00	0.98	0.12	0.75	0.43	0.31	0.00	0.00	0.51	0.43	0.39
NO.	1	0	6	1	10	4	1	0	0	4	4	6

Maximum Daily Rainfall	0.98
Maximum Monthly Rainfall	3.07
Total Annual Rainfall	9.45
Number of Days with Rain	37

Notes:

Annual rainfall in millimeters: 240

Total down-time: 0 days

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Gila Bend Mountains (gage # 5050) for Water Year 1997

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												.28
2							.04					
3							.31				.28	
4												
5											.79	
6									.20			
7												
8											.20	
9												.31
10												
11												
12												
13				.20								
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												2.44
26				.08								
27					.39							
28					.12							
29												
30												
31												
SUM	0.00	0.00	0.00	0.28	0.51	0.00	0.35	0.00	0.20	0.00	1.26	3.03
ACC	0.00	0.00	0.00	0.28	0.79	0.79	1.14	1.14	1.34	1.34	2.60	5.63
MAX	0.00	0.00	0.00	0.20	0.39	0.00	0.31	0.00	0.20	0.00	0.79	2.44
NO.	0	0	0	2	2	0	2	0	1	0	3	3

Maximum Daily Rainfall	2.44
Maximum Monthly Rainfall	3.03
Total Annual Rainfall	5.63
Number of Days with Rain	13

Notes:

Annual rainfall in millimeters: 143 Total down-time: 2.5 days

Gage down from 3/25/97 13:51 (20) through 3/28/97 1:49 (20) due to transmitter failure; no rain fell.

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Gila Bend Mountains (gage # 5050) for Water Year 1996

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		.63			.20							
2												
3												
4												
5		.04										
6												
7												
8												
9												.16
10												
11												
12												
13						.31						.12
14						.28					.47	
15										.04		
16												
17												
18												
19												
20												
21												
22												
23											.04	
24												
25					.24							
26												
27												
28												
29												
30												
31				.08								
SUM	0.00	0.67	0.00	0.08	0.43	0.59	0.00	0.00	0.00	0.04	0.51	0.28
ACC	0.00	0.67	0.67	0.75	1.18	1.77	1.77	1.77	1.77	1.81	2.32	2.60
MAX	0.00	0.63	0.00	0.08	0.24	0.31	0.00	0.00	0.00	0.04	0.47	0.16
NO.	0	2	0	1	2	2	0	0	0	1	2	2

Maximum Daily Rainfall	0.63
Maximum Monthly Rainfall	0.67
Total Annual Rainfall	2.60
Number of Days with Rain	12

Notes:

Annual Rainfall in mm: 66

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Gila Bend Mountains (gage # 5050) for Water Year 1995

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3				0.04								
4				0.35								
5			0.24	0.20		0.04						
6			0.16			0.12						1.46
7												0.28
8												
9												
10												
11						0.43						
12		0.24										
13					0.04							
14											0.12	
15					0.20					0.12	0.12	
16							0.04			0.16		0.35
17												0.04
18							0.39					
19							0.16					
20												
21												
22												
23			0.28								0.04	
24												
25			0.35	0.47								
26			0.12	0.04								
27												
28												
29												
30												
31												
SUM	0.00	0.24	1.14	1.10	0.24	0.59	0.59	0.00	0.00	0.28	0.28	2.13
ACC	0.00	0.24	1.38	2.48	2.76	3.35	3.94	3.94	3.94	4.21	4.49	6.61
MAX	0.00	0.24	0.35	0.47	0.20	0.43	0.39	0.00	0.00	0.16	0.12	1.46
NO.	0	1	5	5	2	3	3	0	0	2	3	4

Maximum Daily Rainfall	1.46
Maximum Monthly Rainfall	2.13
Total Annual Rainfall	6.61
Number of Days with Rain	28

Notes:

Annual rainfall in mm: 168

Gage down from 12/18 21:45 (16) through 12/21 09:46 (16) due to transmitter failure; no rain fell.

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Gila Bend Mountains (gauge # 5050) for Water Year 1994

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6	0.04											
7					0.24							
8					0.20							
9												
10												
11												
12											0.24	
13												
14		0.63										
15		0.24										
16	0.04											
17										0.20		
18										0.08		
19						0.04				0.31		
20												
21												0.43
22												
23												
24								0.35				
25				0.04		0.28						
26						0.04						
27												
28										0.24		
29												
30												
31												
SUM	0.08	0.87	0.00	0.04	0.43	0.35	0.00	0.35	0.00	0.83	0.24	0.43
ACC	0.08	0.94	0.94	0.98	1.42	1.77	1.77	2.13	2.13	2.95	3.19	3.62
MAX	0.04	0.63	0.00	0.04	0.24	0.28	0.00	0.35	0.00	0.31	0.24	0.43
NO.	2	2	0	1	2	3	0	1	0	4	1	1

Maximum Daily Rainfall	0.63
Maximum Monthly Rainfall	0.87
Total Annual Rainfall	3.62
Number of Days with Rain	17

Notes:

Annual rainfall in mm: 92

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Gila Bend Mountains (gage # 5050) for Water Year 1993

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4			.55									
5												
6				.24							.28	
7			.28	.67								
8			.87	.59	1.69						.12	
9			.04		.04							
10				1.06								
11				.16								
12				.08								
13				.08								
14				.04	.08							
15				.04	.04			.04				
16				.28				.04				
17				.08								
18				.43								
19					.08							
20					.04							
21												
22												
23												
24												
25											.16	
26						.24						
27			.20		.43							
28			.67		.12	.08					.04	
29						.20						
30											.04	
31												
SUM	0.00	0.00	2.60	3.74	2.52	0.51	0.00	0.08	0.00	0.00	0.63	0.00
ACC	0.00	0.00	2.64	6.38	8.90	9.41	9.41	9.49	9.49	9.49	10.12	10.12
MAX	0.00	0.00	0.87	1.06	1.69	0.24	0.00	0.04	0.00	0.00	0.28	0.00
NO.	0	0	6	12	8	3	0	2	0	0	5	0

Maximum Daily Rainfall	1.69
Maximum Monthly Rainfall	3.74
Total Annual Rainfall	10.12
Number of Days with Rain	36

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Gila Bend Mountains (gage # 5050) for Water Year 1992

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1							.24					
2						.55					.04	
3				.55		.20					.87	
4								.04				
5								.39				
6				.28	.31			.04				
7					1.46	.39						
8						.04						
9												
10		.12	.16		.16							
11				.08								
12												
13					.28							
14												
15					.20							
16												
17												
18												
19			.20									
20												
21												
22												
23												
24												
25												
26						.04						
27	.04					.20						
28												
29		.08										
30		.16										
31												
SUM	0.04	0.35	0.35	0.91	2.40	1.42	0.24	0.47	0.00	0.00	0.91	0.00
ACC	0.04	0.39	0.75	1.65	4.06	5.47	5.71	6.18	6.18	6.18	7.09	7.09
MAX	0.04	0.16	0.20	0.55	1.46	0.55	0.24	0.39	0.00	0.00	0.87	0.00
NO.	1	3	2	3	5	6	1	3	0	0	2	0

Maximum Daily Rainfall	1.46
Maximum Monthly Rainfall	2.40
Total Annual Rainfall	7.09
Number of Days with Rain	26

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Gila Bend Mountains (gage # 5050) for Water Year 1991

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	.20					.24						.16
2												----
3												
4				.16						----		
5										----		.43
6												
7				.55								
8												
9												
10												
11											.20	
12												
13									----			
14												
15						.04						
16												
17												
18												
19						.16						
20			.04			.16			----			
21												
22												
23										----		
24											.39	
25												
26						.39					.04	
27					.20	.47					.24	
28			.04		.59	.04						
29					----							
30					----							
31		----			----		----		----			----
SUM	0.20	0.00	0.08	0.71	0.79	1.50	0.00	0.00	0.00	0.00	0.87	0.59
ACC	0.20	0.20	0.28	0.98	1.77	3.27	3.27	3.27	3.27	3.27	4.13	4.72
MAX	0.20	0.00	0.04	0.55	0.59	0.47	0.00	0.00	0.00	0.00	0.39	0.43
NO.	1	0	2	2	2	7	0	0	0	0	4	2

Maximum Daily Rainfall	0.59
Maximum Monthly Rainfall	1.50
Total Annual Rainfall	4.72
Number of Days with Rain	20

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Gila Bend Mountains (gage # 5050) for Water Year 1990

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1								.04				
2				.35								
3				.04								.63
4												
5												.04
6												
7												
8					.08							
9										.12		
10												
11						.04					.20	
12											.08	
13											.04	
14				.04						.12		
15												.16
16										.08		
17				.04								
18					.12							
19												
20												
21	.28											
22										.08		
23												
24												
25												
26												
27												
28			.35									
29			.04			.04						
30						.04						
31												
SUM	0.28	0.00	0.39	0.47	0.20	0.12	0.00	0.04	0.00	0.39	0.31	0.83
ACC	0.28	0.28	0.67	1.14	1.34	1.46	1.46	1.50	1.50	1.93	2.24	3.07
MAX	0.28	0.00	0.35	0.35	0.12	0.04	0.00	0.04	0.00	0.12	0.20	0.63
NO.	1	0	2	4	2	3	0	1	0	4	3	3

Maximum Daily Rainfall	0.63
Maximum Monthly Rainfall	0.83
Total Annual Rainfall	3.07
Number of Days with Rain	23

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Gila Bend Mountains (gage # 5050) for Water Year 1989

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3				.63								
4				.98								
5												
6				.08								
7												
8												
9												
10												
11												
12												
13												
14	.16											
15												
16												
17												
18												
19												
20										.08		
21										.20		
22										.04		
23												
24												
25		.04				.16						
26				.16		.35						
27										.28		
28												
29												
30												
31												
SUM	0.16	0.04	0.00	1.85	0.00	0.51	0.00	0.00	0.00	0.59	0.00	0.00
ACC	0.16	0.20	0.20	2.05	2.05	2.56	2.56	2.56	2.56	3.15	3.15	3.15
MAX	0.16	0.04	0.00	0.98	0.00	0.35	0.00	0.00	0.00	0.28	0.00	0.00
NO.	1	1	0	4	0	2	0	0	0	4	0	0

Maximum Daily Rainfall	0.98
Maximum Monthly Rainfall	1.85
Total Annual Rainfall	3.15
Number of Days with Rain	12

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Gila Bend Mountains (gage # 5050) for Water Year 1988

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9										.12		
10												
11												
12												
13												
14												
15												
16												
17												
18												
19											.04	
20											.35	
21											.04	
22												
23											.16	
24											.04	
25												
26												
27											.08	
28												
29												
30										.04		
31												
SUM	----	----	----	----	----	----	----	----	0.00	0.16	0.71	0.00
ACC	----	----	----	----	----	----	----	----	0.00	0.16	0.87	0.87
MAX	----	----	----	----	----	----	----	----	0.00	0.12	0.35	0.00
NO.	----	----	----	----	----	----	----	----	0	2	6	0

Maximum Daily Rainfall	0.35
Maximum Monthly Rainfall	0.71
Partial Annual Rainfall	0.87
Number of Days with Rain	8

Station installed 6/1/88.