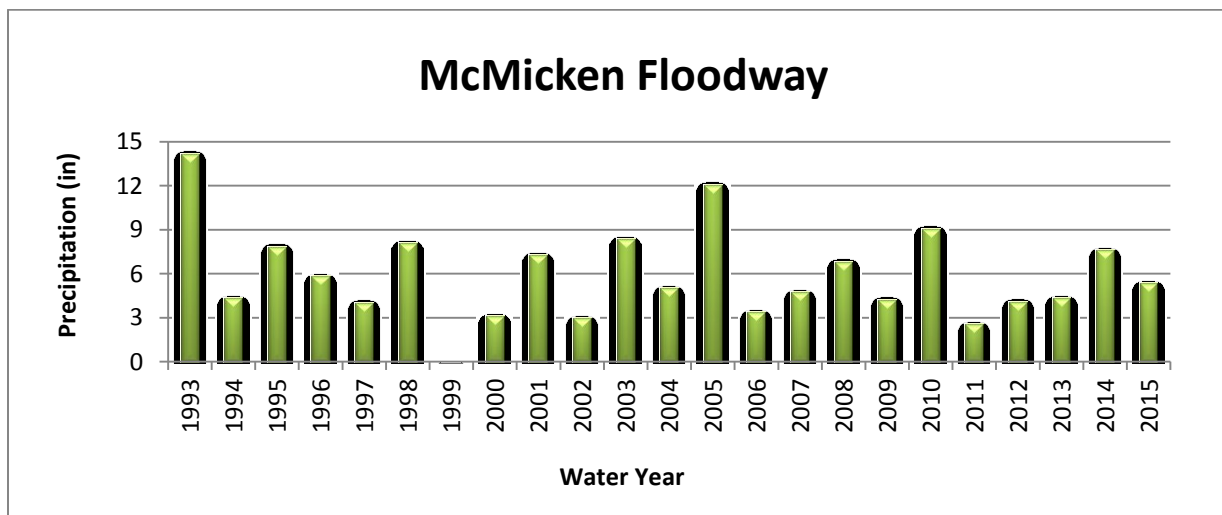




Station Name: McMicken Floodway

Station ID Number History:	5435 since 05/19/92
Station Type:	Rain / Stream
Data Begins:	05/19/1992
Years Since Installation:	23.37 (as of 10/01/15)
Data Repeater:	White Tank Peak
County:	Maricopa
Latitude:	33° 41' 07.2" (33.68532)
Longitude:	112° 24' 31.1" (112.40864)
Elevation:	1,335 ft. msl
Location:	1/2 mile north of Grand Ave. and Deer Valley Rd.
Data Record:	
Incomplete Months:	08/99
Missing Months:	None
Remarks:	Records Good



Data Statistics for Period of Record:

Number of storms greater than 1 inch in 24 hours:	29	
Number of storms greater than 2 inches in 24 hours:	4	
Number of storms greater than 3 inches in 24 hours:	1	
		Approx. T_r
Greatest 15 minute total:	0.75" on 09/02/06	11 years
Greatest 1 hour total:	1.22" on 09/02/06	10 years
Greatest 3 hour total:	1.57" on 09/08/14	17 years
Greatest 6 hour total:	2.32" on 09/08/14	84 years
Greatest 24 hour total:	3.39" on 01/21/10	102 years
Greatest 72 hour total:	4.25" on 01/21/10	116 years

Water Year Totals: (Mean of Complete Water Years [22] = 6.13 inches)

Water Year	Total	Water Year	Total	Water Year	Total
2020		2010	9.06	2000	3.07
2019		2009	4.21	1999	M
2018		2008	6.81	1998	8.07
2017		2007	4.72	1997	4.02
2016		2006	3.35	1996	5.79
2015	5.35	2005	12.05	1995	7.83
2014	7.60	2004	5.00	1994	4.33
2013	4.33	2003	8.35	1993	14.17
2012	4.06	2002	2.95	1992	M
2011	2.56	2001	7.24	1991	

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 McMicken Floodway (gage # 5435) for Water Year 2015

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2						.43						
3						.04						
4			.63					.12				
5												
6												
7											.59	
8												
9	.16											
10												
11												
12				.08								
13			.35	.04								.39
14												.04
15								.43				
16												
17												
18			.04							.16		
19						.67						
20												
21												
22												
23												
24							.12					
25							.08					
26							.08					
27				.04							.12	
28												
29				.16	----							
30				.43	----							
31		----			----		----		----	.16		----
SUM	0.16	0.00	1.02	0.75	0.00	1.14	0.28	0.55	0.00	0.31	0.71	0.43
ACC	0.16	0.16	1.18	1.93	1.93	3.07	3.35	3.90	3.90	4.21	4.92	5.35
MAX	0.16	0.00	0.63	0.43	0.00	0.67	0.12	0.43	0.00	0.16	0.59	0.39
NO.	1	0	3	5	0	3	3	2	0	2	2	2
							Maximum Daily Rainfall					0.67
							Maximum Monthly Rainfall					1.14
							Total Annual Rainfall					5.35
							Number of Days with Rain					23

Flood Control District of Maricopa County ALERT System

Daily Rainfall at McMicken Floodway (gage # 5435) for Water Year 2014

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1						.43						
2						.20					.04	
3										.12		
4		.16								.20		----
5												----
6												
7												.04
8												2.56
9												
10	.04											
11												
12											.12	
13										.04	.12	
14												
15												
16												
17												
18											.16	
19			.04								.47	
20			.12									
21		.08									.04	
22		1.26										
23		.39										
24		.08										
25												
26												
27										.08		.63
28												.20
29												
30												
31												
SUM	0.04	1.97	0.16	0.00	0.00	0.63	0.00	0.00	0.00	0.43	0.94	3.43
ACC	0.04	2.01	2.17	2.17	2.17	2.80	2.80	2.80	2.80	3.23	4.17	7.60
MAX	0.04	1.26	0.12	0.00	0.00	0.43	0.00	0.00	0.00	0.20	0.47	2.56
NO.	1	5	2	0	0	2	0	0	0	4	6	4
	Maximum Daily Rainfall											2.56
	Maximum Monthly Rainfall											3.43
	Total Annual Rainfall											7.60
	Number of Days with Rain											24

Gage 5435 down from 06/13 09:43 (71) through 06/16 09:43 (71) due to data collision; no rain fell.
 Gage 5435 down from 09/03 21:09 (106) through 09/06 15:09 (106) due to data collision; no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at McMicken Floodway (gage # 5435) for Water Year 2012

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			.08									
2			.16									
3												
4	.04									.43		
5												
6												.08
7		.08										
8												
9												
10												.08
11												
12			.43									
13		.04	.55									
14			.08									
15												
16											.12	
17												
18			.12			.39						
19												
20												
21										.04	.71	
22											.16	
23											.31	
24												
25												
26												
27												
28												
29										.16		
30					----							
31		----			----		----		----			----
SUM	0.04	0.12	1.42	0.00	0.00	0.39	0.00	0.00	0.00	0.63	1.30	0.16
ACC	0.04	0.16	1.58	1.58	1.58	1.97	1.97	1.97	1.97	2.60	3.90	4.06
MAX	0.04	0.08	0.55	0.00	0.00	0.39	0.00	0.00	0.00	0.43	0.71	0.08
NO.	1	2	6	0	0	1	0	0	0	3	4	2
							Maximum Daily Rainfall					0.71
							Maximum Monthly Rainfall					1.42
							Total Annual Rainfall					4.06
							Number of Days with Rain					19

Flood Control District of Maricopa County ALERT System
Daily Rainfall at McMicken Floodway (gage # 5435) for Water Year 2009

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3										.04		
4				.12								
5												
6												
7					.12							
8					.39							
9					.24							
10												
11							.43					
12												
13											.35	
14												
15												
16			.67									
17			.31		.04							
18			.04									
19												
20												
21												
22			.04					.24				
23			.04									
24												
25			.16									
26		.16										
27		.79										
28		.04										
29					----							
30					----							
31		----			----		----		----			----
SUM	0.00	0.98	1.26	0.12	0.79	0.00	0.43	0.24	0.00	0.04	0.35	0.00
ACC	0.00	0.98	2.24	2.36	3.15	3.15	3.58	3.82	3.82	3.86	4.21	4.21
MAX	0.00	0.79	0.67	0.12	0.39	0.00	0.43	0.24	0.00	0.04	0.35	0.00
NO.	0	3	6	1	4	0	1	1	0	1	1	0
							Maximum Daily Rainfall					0.79
							Maximum Monthly Rainfall					1.26
							Total Annual Rainfall					4.21
							Number of Days with Rain					18

Notes:

Annual rainfall in millimeters: 107

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System

Daily Rainfall at McMicken Floodway (gage # 5435) for Water Year 2008

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			.75									
2												
3												
4					.08							
5												
6												
7			.12	.28								
8											.04	
9												.08
10										.43		.28
11												
12												
13												
14										.20		
15												
16												
17												
18												
19												
20					.04					.12		
21												
22					.08							
23									.20			
24				.24				.12				
25											.04	
26											.12	
27				1.69								
28												
29											.20	
30		1.26			----						.47	
31		----			----		----		----			----
SUM	0.00	1.26	0.87	2.20	0.20	0.00	0.00	0.31	0.00	0.75	0.87	0.35
ACC	0.00	1.26	2.13	4.33	4.53	4.53	4.53	4.84	4.84	5.59	6.46	6.81
MAX	0.00	1.26	0.75	1.69	0.08	0.00	0.00	0.20	0.00	0.43	0.47	0.28
NO.	0	1	2	3	3	0	0	2	0	3	5	2
							Maximum Daily Rainfall					1.69
							Maximum Monthly Rainfall					2.20
							Total Annual Rainfall					6.81
							Number of Days with Rain					21

Notes:

Annual rainfall in millimeters: 173

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at McMicken Floodway (gage # 5435) for Water Year 2007

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1											.16		
2													
3													
4													
5													
6	.04												
7													
8													
9													
10													
11					.12								
12													
13													
14	.08												
15													
16													
17													
18													
19				.51	.71								
20				.04	.08								
21				.08									
22						.83							
23						.08				1.02			
24						.16							
25													
26													
27													
28			.04							.04			
29					----								
30					----					.12			
31		----		.20	----		----		----	.43		----	
SUM	0.12	0.00	0.04	0.83	0.91	1.06	0.00	0.00	0.00	1.61	0.16	0.00	
ACC	0.12	0.12	0.16	0.98	1.89	2.95	2.95	2.95	2.95	4.57	4.72	4.72	
MAX	0.08	0.00	0.04	0.51	0.71	0.83	0.00	0.00	0.00	1.02	0.16	0.00	
NO.	2	0	1	4	3	3	0	0	0	4	1	0	
												Maximum Daily Rainfall	1.02
												Maximum Monthly Rainfall	1.61
												Total Annual Rainfall	4.72
												Number of Days with Rain	18

Notes:

Annual rainfall in millimeters: 120

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System

Daily Rainfall at McMicken Floodway (gage # 5435) for Water Year 2006

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep		
1														
2												1.38		
3												.04		
4														
5														
6												.16		
7												.08		
8												.04		
9														
10														
11						1.02					.04			
12											.08			
13														
14												.08		
15														
16														
17														
18	.12													
19														
20														
21				----		.20								
22				----										
23														
24											.04			
25														
26										.04				
27														
28										.04				
29														
30														
31		----							----			----		
SUM	0.12	0.00	0.00	0.00	0.00	1.22	0.00	0.00	0.00	0.08	0.16	1.77		
ACC	0.12	0.12	0.12	0.12	0.12	1.34	1.34	1.34	1.34	1.42	1.57	3.35		
MAX	0.12	0.00	0.00	0.00	0.00	1.02	0.00	0.00	0.00	0.04	0.08	1.38		
NO.	1	0	0	0	0	2	0	0	0	2	3	6		
													Maximum Daily Rainfall	1.38
													Maximum Monthly Rainfall	1.77
													Total Annual Rainfall	3.35
													Number of Days with Rain	14

Notes:

Annual rainfall in millimeters: 85 Total down-time: 2.50 days
 Gage 5435 down from 1/20 21:57 (3) through 1/23 09:57 (3) due to repeater failure; no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at McMicken Floodway (gage # 5435) for Water Year 2004

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2							1.14					
3				.08		.04						
4												
5												
6												
7												
8												
9												
10	.63											
11		.04	.16								.24	
12		.63										
13												
14												
15											.28	
16												
17												
18												
19												.87
20												
21												
22				.16								
23					.67							
24												
25												
26			.04									
27										.04		
28												
29												
30					-----							
31		-----			-----		-----		-----			-----
SUM	0.63	0.67	0.20	0.24	0.67	0.04	1.14	0.00	0.00	0.04	0.51	0.87
ACC	0.63	1.30	1.50	1.73	2.40	2.44	3.58	3.58	3.58	3.62	4.13	5.00
MAX	0.63	0.63	0.16	0.16	0.67	0.04	1.14	0.00	0.00	0.04	0.28	0.87
NO.	1	2	2	2	1	1	1	0	0	1	2	1
							Maximum Daily Rainfall					1.14
							Maximum Monthly Rainfall					1.14
							Total Annual Rainfall					5.00
							Number of Days with Rain					14

Notes:

Annual rainfall in millimeters: 127

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at McMicken Floodway (gage # 5435) for Water Year 2003

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1						.04					.12	
2												
3												
4												.39
5						.08						
6												.04
7												
8				.12								
9												
10												
11												
12					.31							
13					2.13							
14					.20						.43	
15							.04					
16						.98						
17						.39						
18												
19											.28	
20												
21												
22												
23			.04								.04	
24												
25					.75							
26	.16				.24							
27					.08						1.06	
28					.08							
29		.24			-----					.12		
30					-----							
31		-----			-----		-----		-----			-----
SUM	0.16	0.24	0.04	0.12	3.78	1.50	0.04	0.00	0.00	0.12	1.93	0.43
ACC	0.16	0.39	0.43	0.55	4.33	5.83	5.87	5.87	5.87	5.98	7.91	8.35
MAX	0.16	0.24	0.04	0.12	2.13	0.98	0.04	0.00	0.00	0.12	1.06	0.39
NO.	1	1	1	1	7	4	1	0	0	1	5	2
							Maximum Daily Rainfall					2.13
							Maximum Monthly Rainfall					3.78
							Total Annual Rainfall					8.35
							Number of Days with Rain					24

Notes:

Total annual rainfall in millimeters: 212

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at McMicken Floodway (gage # 5435) for Water Year 2000

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2				.04								
3		----										
4		----										
5						.79					.04	
6						.83						
7						.24						
8											.16	
9												
10												
11												
12												
13												
14												
15												
16												
17											.04	
18												
19												
20												
21					.24							
22					.04				.04			
23											.04	
24												
25												
26												
27											.04	
28												
29									.08		.20	
30					----						.20	
31		----			----	.08	----		----			----
SUM	0.00	0.00	0.00	0.04	0.28	1.93	0.00	0.00	0.12	0.00	0.71	0.00
ACC	0.00	0.00	0.00	0.04	0.31	2.24	2.24	2.24	2.36	2.36	3.07	3.07
MAX	0.00	0.00	0.00	0.04	0.24	0.83	0.00	0.00	0.08	0.00	0.20	0.00
NO.	0	0	0	1	2	4	0	0	2	0	7	0
											Maximum Daily Rainfall	0.83
											Maximum Monthly Rainfall	1.93
											Total Annual Rainfall	3.07
											Number of Days with Rain	16

Notes:

Annual rainfall in millimeters: 78

Total down-time: 3.0 days

Gage 5435 down from 11/02 10:21 (0) through 11/05 10:21 (0) for unknown reason; no rain fell.

Flood Control District of Maricopa County ALERT System

Daily Rainfall at McMicken Floodway (gage # 5435) for Water Year 1999

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1							.12					
2			.28				.71		.20			
3												
4					.24		.04					
5					.24							
6			.24		.04					.51		
7										.04		
8												
9												
10										.24		
11												
12												
13							.04					
14										.43		
15										.55	.04	.08
16												
17						.08						
18												.12
19												.24
20												
21	.04											
22												
23												.35
24												
25												
26												
27										.12	----	
28		.08									----	
29		.04			----						----	
30	.16				----						----	
31		----			----		----		----			----
SUM	0.20	0.12	0.51	0.00	0.51	0.08	0.91	0.00	0.20	1.89	0.04	0.79
ACC	0.20	0.31	0.83	0.83	1.34	1.42	2.32	2.32	2.52	4.41	4.45	5.24
MAX	0.16	0.08	0.28	0.00	0.24	0.08	0.71	0.00	0.20	0.55	0.04	0.35
NO.	2	2	2	0	3	1	4	0	1	6	1	4
							Maximum Daily Rainfall					0.71
							Maximum Monthly Rainfall					1.89
							Partial Annual Rainfall					5.24
							Number of Days with Rain					26

Notes:

Partial annual rainfall in millimeters: 133 Total down-time: 5.92 days
 Gage down from 8/25 12:14 (113) through 8/31 10:24 (?) due to transmitter/logger failure. Assume event missed, therefore inaccurate monthly and annual totals.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at McMicken Floodway (gage # 5435) for Water Year 1997

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												.31
2							.04					.04
3				.12			.47				.24	
4												
5												.16
6												.04
7												
8											.31	
9											.08	
10												
11												.04
12												
13				.59								
14	.04			.04								
15												
16												
17											.08	
18												
19												
20												
21												
22												
23												
24												
25												.55
26												
27					.47							
28					.08							
29												
30											.31	
31												
SUM	0.04	0.00	0.00	0.75	0.55	0.00	0.51	0.00	0.00	0.00	1.02	1.14
ACC	0.04	0.04	0.04	0.79	1.34	1.34	1.85	1.85	1.85	1.85	2.87	4.02
MAX	0.04	0.00	0.00	0.59	0.47	0.00	0.47	0.00	0.00	0.00	0.31	0.55
NO.	1	0	0	3	2	0	2	0	0	0	5	6
							Maximum Daily Rainfall					0.59
							Maximum Monthly Rainfall					1.14
							Total Annual Rainfall					4.02
							Number of Days with Rain					19

Notes:

Annual rainfall in millimeters: 102

Total down-time: 0 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at McMicken Floodway (gage # 5435) for Water Year 1995

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1													
2													
3													
4				0.79									
5			0.31	0.35									
6			0.16			0.31						0.20	
7												0.04	
8													
9													
10													
11				0.04		0.39							
12		0.39		0.04		0.04							
13					0.08								
14										0.12			
15	0.35				0.28					0.04			
16					0.04								
17				0.16									
18							0.08						
19							0.04				0.08		
20											0.24		
21											0.04		
22					0.16								
23			0.51								0.04		
24			0.04								0.08		
25			0.83	0.75									
26			0.24	0.43									
27													
28												0.16	
29													
30													
31													
SUM	0.35	0.39	2.09	2.56	0.55	0.75	0.12	0.00	0.00	0.00	0.63	0.39	
ACC	0.35	0.75	2.83	5.39	5.94	6.69	6.81	6.81	6.81	6.81	7.44	7.83	
MAX	0.35	0.39	0.83	0.79	0.28	0.39	0.08	0.00	0.00	0.00	0.24	0.20	
NO.	1	1	6	7	4	3	2	0	0	0	7	3	
												Maximum Daily Rainfall	0.83
												Maximum Monthly Rainfall	2.56
												Total Annual Rainfall	7.83
												Number of Days with Rain	34

Notes:
Annual rainfall in mm: 199

Flood Control District of Maricopa County ALERT System
Daily Rainfall at McMicken Floodway (gage # 5435) for Water Year 1994

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1													
2													
3													
4												0.24	
5													
6	0.63												
7					0.16	0.08							
8					0.04								
9													
10												0.12	
11		0.08											
12						0.04							
13		0.35										0.04	
14		0.79											
15		0.31											
16													
17										0.12			
18										0.04			
19						0.04							
20												0.12	
21												0.16	
22													
23													
24								0.31					
25						0.55		0.12					
26													
27													
28													
29													
30													
31													
SUM	0.63	1.54	0.00	0.00	0.20	0.71	0.00	0.43	0.00	0.16	0.00	0.67	
ACC	0.63	2.17	2.17	2.17	2.36	3.07	3.07	3.50	3.50	3.66	3.66	4.33	
MAX	0.63	0.79	0.00	0.00	0.16	0.55	0.00	0.31	0.00	0.12	0.00	0.24	
NO.	1	4	0	0	2	4	0	2	0	2	0	5	
												Maximum Daily Rainfall	0.79
												Maximum Monthly Rainfall	1.54
												Total Annual Rainfall	4.33
												Number of Days with Rain	20

Notes:
Annual rainfall in mm: 110

Flood Control District of Maricopa County ALERT System
Daily Rainfall at McMicken Floodway (gage # 5435) for Water Year 1992

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1	-----	-----	-----	-----	-----	-----	-----	-----			.04		
2	-----	-----	-----	-----	-----	-----	-----	-----					
3	-----	-----	-----	-----	-----	-----	-----	-----					
4	-----	-----	-----	-----	-----	-----	-----	-----					
5	-----	-----	-----	-----	-----	-----	-----	-----			.12		
6	-----	-----	-----	-----	-----	-----	-----	-----			.35		
7	-----	-----	-----	-----	-----	-----	-----	-----		.31			
8	-----	-----	-----	-----	-----	-----	-----	-----					
9	-----	-----	-----	-----	-----	-----	-----	-----					
10	-----	-----	-----	-----	-----	-----	-----	-----					
11	-----	-----	-----	-----	-----	-----	-----	-----		.31			
12	-----	-----	-----	-----	-----	-----	-----	-----					
13	-----	-----	-----	-----	-----	-----	-----	-----					
14	-----	-----	-----	-----	-----	-----	-----	-----					
15	-----	-----	-----	-----	-----	-----	-----	-----					
16	-----	-----	-----	-----	-----	-----	-----	-----					
17	-----	-----	-----	-----	-----	-----	-----	-----					
18	-----	-----	-----	-----	-----	-----	-----	-----					
19	-----	-----	-----	-----	-----	-----	-----	-----				1.02	
20	-----	-----	-----	-----	-----	-----	-----	-----				.08	
21	-----	-----	-----	-----	-----	-----	-----	-----					
22	-----	-----	-----	-----	-----	-----	-----	-----			.91		
23	-----	-----	-----	-----	-----	-----	-----	-----		.04	.16		
24	-----	-----	-----	-----	-----	-----	-----	-----		1.10			
25	-----	-----	-----	-----	-----	-----	-----	-----					
26	-----	-----	-----	-----	-----	-----	-----	-----					
27	-----	-----	-----	-----	-----	-----	-----	-----					
28	-----	-----	-----	-----	-----	-----	-----	-----					
29	-----	-----	-----	-----	-----	-----	-----	-----					
30	-----	-----	-----	-----	-----	-----	-----	-----		.16			
31	-----	-----	-----	-----	-----	-----	-----	-----	-----			-----	
SUM	-----	-----	-----	-----	-----	-----	-----	0.00	0.00	1.93	1.57	1.10	
ACC	-----	-----	-----	-----	-----	-----	-----	0.00	0.00	1.93	3.54	4.65	
MAX	-----	-----	-----	-----	-----	-----	-----	0.00	0.00	1.10	0.91	1.02	
NO.	-----	-----	-----	-----	-----	-----	-----	0	0	5	5	2	
												Maximum Daily Rainfall	1.10
												Maximum Monthly Rainfall	1.93
												Partial Annual Rainfall	4.65
												Number of Days with Rain	12

Station installed on 05/19/1992.