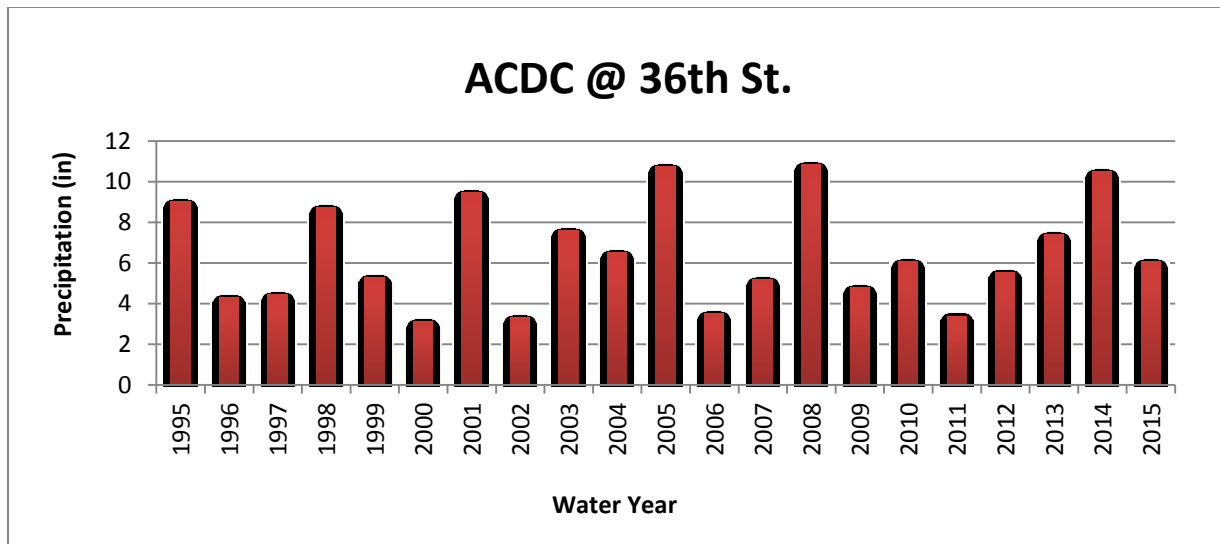




Station Name: ACDC @ 36<sup>th</sup> Street

<b>Station ID Number History:</b>	4805 since 02/24/1994
<b>Station Type:</b>	Rain / Stream
<b>Data Begins:</b>	02/24/1994
<b>Years Since Installation:</b>	21.60 (as of 10/01/15)
<b>Data Repeater:</b>	Direct
<b>County:</b>	Maricopa
<b>Latitude:</b>	33° 30' 49.3" (33.51368)
<b>Longitude:</b>	111° 59' 58.7" (111.99963)
<b>Elevation:</b>	1,250 ft. msl
<b>Location:</b>	1/2 mi. North of 36th Street and Camelback Road
<b>Data Record:</b>	
Incomplete Months:	None
Missing Months:	None
<b>Remarks:</b>	Records Good



**Data Statistics for Period of Record:**

Number of storms greater than 1 inch in 24 hours:	24	
Number of storms greater than 2 inches in 24 hours:	2	
Number of storms greater than 3 inches in 24 hours:	1	
		Approx. Tr
Greatest 15 minute total:	1.22" on 09/08/14	91 years
Greatest 1 hour total:	2.13" on 09/08/14	148 years
Greatest 3 hour total:	2.87" on 09/08/14	335 years
Greatest 6 hour total:	3.46" on 09/08/14	715 years
Greatest 24 hour total:	3.50" on 09/08/14	80 years
Greatest 72 hour total:	3.50" on 09/08/14	28 years

**Water Year Totals (Mean of Complete Water Years [21] = 6.47 inches):**

Water Year	Total	Water Year	Total	Water Year	Total
2020		2010	6.06	2000	3.11
2019		2009	4.80	1999	5.28
2018		2008	10.83	1998	8.74
2017		2007	5.20	1997	4.45
2016		2006	3.50	1996	4.29
2015	6.06	2005	10.75	1995	9.02
2014	10.51	2004	6.50	1994	M
2013	7.40	2003	7.60	1993	
2012	5.55	2002	3.31	1992	
2011	3.39	2001	9.45	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 ACDC @ 36th St. (gage # 4805) for Water Year 2012

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3			.04									
4		.20								.08		.24
5		.16										
6												
7		.20										.94
8												
9								.12				
10												.08
11										.16		
12			.28							.24		
13		.12	.51							.08		
14			.08							.04		
15												
16												
17											.20	
18			.08			.35						
19												
20												
21		.08									.20	
22											.12	
23											.71	
24												
25												
26												
27												
28										.12		
29										.08		
30					----							
31		----			----		----		----	.08		----
SUM	0.00	0.75	0.98	0.00	0.00	0.35	0.00	0.12	0.00	0.87	1.22	1.26
ACC	0.00	0.75	1.73	1.73	1.73	2.09	2.09	2.20	2.20	3.07	4.29	5.55
MAX	0.00	0.20	0.51	0.00	0.00	0.35	0.00	0.12	0.00	0.24	0.71	0.94
NO.	0	5	5	0	0	1	1	1	0	8	4	3
							Maximum Daily Rainfall					0.94
							Maximum Monthly Rainfall					1.26
							Total Annual Rainfall					5.55
							Number of Days with Rain					28

**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at ACDC @ 36th St. (gage # 4805) for Water Year 2011**

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1											.04	
2												
3												
4												
5	.31									.08		
6												
7												
8												
9							.24					
10												
11										.20		
12												
13												.04
14												
15												
16			.16								.16	
17												
18								.08				
19					.31							
20												
21	.24					.04						
22			.35									
23												
24										.08		
25										.04		
26					.04							
27					.35							
28												
29			.47		----							
30			.12		----							
31		----			----		----		----	.04		----
SUM	0.55	0.00	1.10	0.00	0.71	0.04	0.24	0.08	0.00	0.43	0.20	0.04
ACC	0.55	0.55	1.65	1.65	2.36	2.40	2.64	2.72	2.72	3.15	3.35	3.39
MAX	0.31	0.00	0.47	0.00	0.35	0.04	0.24	0.08	0.00	0.20	0.16	0.04
NO.	2	0	4	0	3	1	1	1	0	5	2	1
							Maximum Daily Rainfall					0.47
							Maximum Monthly Rainfall					1.10
							Total Annual Rainfall					3.39
							Number of Days with Rain					20

Annual Total (mm): 86

Days Down: 0

**Flood Control District of Maricopa County ALERT System**  
Daily Rainfall at ACDC @ 36th St. (gage # 4805) for Water Year 2010

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep		
1														
2														
3	----													
4	----													
5														
6														
7			.35		.04	.35					.04			
8														
9						.04								
10														
11														
12														
13														
14														
15														
16														
17											.20			
18				.04										
19				.71										
20					.24									
21				1.10	.16						.04			
22			.24	.28	.08		.04				.04			
23				.07		.08								
24														
25														
26											.12			
27														
28		.04			.47						.08			
29					----									
30					----									
31		----			----		----		----	1.22		----		
SUM	0.00	0.04	0.59	2.20	0.99	0.47	0.04	0.00	0.00	1.22	0.51	0.00		
ACC	0.00	0.04	0.63	2.83	3.82	4.29	4.33	4.33	4.33	5.55	6.06	6.06		
MAX	0.00	0.04	0.35	1.10	0.47	0.35	0.04	0.00	0.00	1.22	0.20	0.00		
NO.	0	1	2	5	5	3	1	0	0	1	6	0		
													Maximum Daily Rainfall	1.22
													Maximum Monthly Rainfall	2.20
													Total Annual Rainfall	6.06
													Number of Days with Rain	24

**Notes:**

Annual rainfall in millimeters: 154

Gage 4805 down from 10/02 09:42 (0) through 10/05 03:42 (0); failure not documented; no rain fell.



**Flood Control District of Maricopa County ALERT System**  
Daily Rainfall at ACDC @ 36th St. (gage # 4805) for Water Year 2009

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4				.08								
5												.47
6												
7												
8					.47							
9					.55							
10												
11							.35					
12												
13											.28	
14												
15												
16			.20									
17			.04		.04							
18			.08					.04				
19												
20										.04		
21								.08		.16	.43	
22			.16	.08				.24				
23			.08									
24												
25			.24									
26		.16	.16									
27		.39										
28												
29					----							
30					----							
31		----			----		----		----			----
SUM	0.00	0.55	0.94	0.16	1.06	0.00	0.35	0.35	0.00	0.20	0.71	0.47
ACC	0.00	0.55	1.50	1.65	2.72	2.72	3.07	3.43	3.43	3.62	4.33	4.80
MAX	0.00	0.39	0.24	0.08	0.55	0.00	0.35	0.24	0.00	0.16	0.43	0.47
NO.	0	2	7	2	3	0	1	3	0	2	2	1
	Maximum Daily Rainfall											0.55
	Maximum Monthly Rainfall											1.06
	Total Annual Rainfall											4.80
	Number of Days with Rain											23

**Notes:**

Annual rainfall in millimeters: 122

Total down-time: 0.00 days





**Flood Control District of Maricopa County ALERT System**  
 Daily Rainfall at ACDC @ 36th St. (gage # 4805) for Water Year 2006

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												.24
3												
4												.12
5												
6												
7									.04			.08
8												.08
9												.04
10												
11						1.22						
12						.04					.16	
13												
14												
15												
16												
17	.08											
18	.12											
19						.12						
20												
21												
22											.04	
23												
24										.08	.04	
25										.71		
26										.12		
27												
28												
29					----							
30					----					.20		
31		----			----		----		----			----
SUM	0.20	0.00	0.00	0.00	0.00	1.38	0.00	0.00	0.04	1.10	0.24	0.55
ACC	0.20	0.20	0.20	0.20	0.20	1.57	1.57	1.57	1.61	2.72	2.95	3.50
MAX	0.12	0.00	0.00	0.00	0.00	1.22	0.00	0.00	0.04	0.71	0.16	0.24
NO.	2	0	0	0	0	3	0	0	1	4	3	5
							Maximum Daily Rainfall					1.22
							Maximum Monthly Rainfall					1.38
							Total Annual Rainfall					3.50
							Number of Days with Rain					18

**Notes:**

Annual rainfall in millimeters: 89

Total down-time: 0.00 days

**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at ACDC @ 36th St. (gage # 4805) for Water Year 2005**

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2											1.42	
3				.59							.16	
4			.24	.59							.08	
5			.24			.12						
6			.20			.04						
7		.16			.04						.55	
8		.04									.08	
9											.04	
10					.04							
11				.08	.79							
12					.51						.04	
13												
14												
15												
16				-----								
17				-----	.43							
18					.20							
19					.79							
20					.24							
21	.35	.04			.12							
22		.20			.04							
23		.04					.16					
24				.08	.08							
25												
26				.51								
27												
28	.35		.04									
29	.04		.79	.12	-----							
30			.08		-----					.04		
31		-----			-----		-----		-----			-----
SUM	0.75	0.47	1.57	1.97	3.27	0.16	0.16	0.00	0.00	0.04	2.36	0.00
ACC	0.75	1.22	2.80	4.76	8.03	8.19	8.35	8.35	8.35	8.39	10.75	10.75
MAX	0.35	0.20	0.79	0.59	0.79	0.12	0.16	0.00	0.00	0.04	1.42	0.00
NO.	3	5	6	6	11	2	1	0	0	1	7	0
											Maximum Daily Rainfall	1.42
											Maximum Monthly Rainfall	3.27
											Total Annual Rainfall	10.75
											Number of Days with Rain	42

**Notes:**

Annual rainfall in millimeters: 273 Total down-time: 2.67 days  
 Gage 4805 down from 1/15 22:18 (103) through 1/18 14:20 (103) due to transmitter failure; no rain fell.

**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at ACDC @ 36th St. (gage # 4805) for Water Year 2004**

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep		
1														
2							1.10							
3														
4						.59								
5						.08								
6														
7														
8														
9														
10	.31						.04							
11														
12		.79												
13		.04								1.30				
14										.08				
15											.04			
16											.28			
17														
18												.08		
19														
20														
21				.04										
22				.28										
23					.91									
24			.08	.16										
25				.12										
26			.08											
27														
28														
29														
30					-----									
31		-----			-----		-----		-----			-----		
SUM	0.31	0.83	0.28	0.59	0.91	0.67	1.14	0.00	0.00	1.38	0.31	0.08		
ACC	0.31	1.14	1.42	2.01	2.91	3.58	4.72	4.72	4.72	6.10	6.42	6.50		
MAX	0.31	0.79	0.12	0.28	0.91	0.59	1.10	0.00	0.00	1.30	0.28	0.08		
NO.	1	2	3	4	1	2	2	0	0	2	2	1		
													Maximum Daily Rainfall	1.30
													Maximum Monthly Rainfall	1.38
													Total Annual Rainfall	6.50
													Number of Days with Rain	20

**Notes:**

Annual rainfall in millimeters: 165

Total down-time: 0.00 days









**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at ACDC @ 36th St. (gage # 4805) for Water Year 2000**

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep		
1														
2														
3														
4														
5						.67								
6						1.38								
7						.20				.04	.12			
8										.04	.04			
9														
10														
11														
12														
13														
14														
15														
16														
17											.28			
18														
19														
20									.08					
21														
22									.04					
23														
24														
25														
26														
27														
28						.12			.04					
29									.04					
30					----					.04				
31		----			----		----		----			----		
SUM	0.00	0.00	0.00	0.00	0.00	2.36	0.00	0.00	0.20	0.12	0.43	0.00		
ACC	0.00	0.00	0.00	0.00	0.00	2.36	2.36	2.36	2.56	2.68	3.11	3.11		
MAX	0.00	0.00	0.00	0.00	0.00	1.38	0.00	0.00	0.08	0.04	0.28	0.00		
NO.	0	0	0	0	0	4	0	0	4	3	3	0		
												Maximum Daily Rainfall	1.38	
													Maximum Monthly Rainfall	2.36
													<b>Estimated</b> Annual Rainfall	3.11
													Number of Days with Rain	14

**Notes:**

Estimated annual rainfall in millimeters: 79  
 Gage 4805, faulty tipping bucket discovered, March 5-7<sup>th</sup> storm total **estimated**, therefore monthly and annual totals are also estimates.

Total down-time: Unknown

**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at ACDC @ 36th St. (gage # 4805) for Water Year 1999**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1							.20						
2			.04				.51						
3													
4					.20		.20						
5					.04								
6			.28							.08			
7										.24			
8													
9													
10													
11												.04	
12												.04	
13							.04						
14										1.18			
15			----							.59		.04	
16			----			.08							
17			----										
18													
19												.12	
20													
21													
22													
23										.04			
24													
25	.28												
26	.08												
27							----				.35		
28		.16					----						
29		.04			----					.08			
30	.16				----								
31		----			----		----		----		.20	----	
SUM	0.51	0.20	0.31	0.00	0.24	0.08	0.94	0.00	0.00	2.20	0.55	0.24	
ACC	0.51	0.71	1.02	1.02	1.26	1.34	2.28	2.28	2.28	4.49	5.04	5.28	
MAX	0.28	0.16	0.28	0.00	0.20	0.08	0.51	0.00	0.00	1.18	0.35	0.12	
NO.	3	2	2	0	2	1	4	0	0	6	2	4	
												Maximum Daily Rainfall	1.18
												Maximum Monthly Rainfall	2.20
												Total Annual Rainfall	5.28
												Number of Days with Rain	26

**Notes:**

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Annual rainfall in millimeters: 134  
 Total down-time: 5.62 days  
 Gage down from 12/14 22:25 (26) through 12/18 01:22 (26) due to transmitter failure; no rain fell.  
 Gage down from 4/2613:22 (58) through 4/29 01:22 (58) for unknown reason; no rain fell.

**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at ACDC @ 36th St. (gage # 4805) for Water Year 1998**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1			.12				.16						
2			.04										
3													
4				.04	1.06							.20	
5													
6										.28		.04	
7			.24										
8			.04		.47								
9					.28								
10				.31									
11												.20	
12							.24						
13													
14		.04			.04	.12							
15					.55	.12					.08		
16												.12	
17					.47						.08		
18					.08								
19			.08							.08			
20					.12								
21	.04		.28										
22			.47									.16	
23													
24					.67								
25													
26						.83							
27													
28						.35					.08		
29					----	.20							
30					----								
31		----			----		----		----			----	
SUM	0.04	0.04	1.26	0.35	3.74	1.61	0.39	0.00	0.00	0.35	0.24	0.71	
ACC	0.04	0.08	1.34	1.69	5.43	7.05	7.44	7.44	7.44	7.80	8.03	8.74	
MAX	0.04	0.04	0.47	0.31	1.06	0.83	0.24	0.00	0.00	0.28	0.08	0.20	
NO.	1	1	7	2	9	5	2	0	0	2	3	5	
												Maximum Daily Rainfall	1.06
												Maximum Monthly Rainfall	3.74
												Total Annual Rainfall	8.74
												Number of Days with Rain	37

**Notes:**

Annual rainfall in millimeters: 222

Total down-time: 0 days

**Flood Control District of Maricopa County ALERT System**  
 Daily Rainfall at ACDC @ 36th St. (gage # 4805) for Water Year 1997

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2							.04					
3							.31				.16	
4												
5												.12
6												.08
7												
8											.08	
9												
10												
11												.43
12					.08							.47
13				.75								
14	.31			.08								
15												
16												
17											.04	
18								.04				
19												
20												
21												
22		.08										
23												
24												
25	.04				.04							
26	.12			.08							.08	
27					.51							
28					.08							
29		.08										
30										.08	.12	
31										.16		
SUM	0.47	0.16	0.00	0.91	0.71	0.00	0.35	0.04	0.00	0.24	0.47	1.10
ACC	0.47	0.63	0.63	1.54	2.24	2.24	2.60	2.64	2.64	2.87	3.35	4.45
MAX	0.31	0.08	0.00	0.75	0.51	0.00	0.31	0.04	0.00	0.16	0.16	0.47
NO.	3	2	0	3	4	0	2	1	0	2	5	4
							Maximum Daily Rainfall					0.75
							Maximum Monthly Rainfall					1.10
							Total Annual Rainfall					4.45
							Number of Days with Rain					26

**Notes:**

Annual rainfall in millimeters: 113

Total down-time: 0 days

**Flood Control District of Maricopa County ALERT System**  
Daily Rainfall at ACDC @ 36th St. (gauge # 4805) for Water Year 1996

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		.91			.31							
2					.04							.31
3												
4												
5		.24										
6		.08								.04		.12
7												
8												
9												.04
10												
11												.16
12												
13						.16						.04
14						.24						
15										.08		
16										.08		
17												
18												
19												
20												
21												
22				.04								
23												
24												
25					.35					.83		
26					.04							
27												
28												
29											.08	
30												
31				.12								
SUM	0.00	1.22	0.00	0.16	0.75	0.39	0.00	0.00	0.00	1.02	0.08	0.67
ACC	0.00	1.22	1.22	1.38	2.13	2.52	2.52	2.52	2.52	3.54	3.62	4.29
MAX	0.00	0.91	0.00	0.12	0.35	0.24	0.00	0.00	0.00	0.83	0.08	0.31
NO.	0	3	0	2	4	2	0	0	0	4	1	5
										Maximum Daily Rainfall		0.91
										Maximum Monthly Rainfall		1.22
										Total Annual Rainfall		4.29
										Number of Days with Rain		21

**Notes:**

Annual Rainfall in mm: 109

Gage down from 5/15 22:15 (65) through 5/19 10:15 (65) due to programming error; no rain fell.

Gage down from 6/13 22:13 (64) through 6/17 10:15 (64) for unknown reason; no rain fell.

Gage down from 7/06 22:48 (65) through 7/09 10:28 (65) for unknown reason; no rain fell.

**Flood Control District of Maricopa County ALERT System**  
Daily Rainfall at ACDC @ 36 St (gage # 4805) for Water Year 1995

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1													
2													
3													
4			0.04	0.47									
5			0.79	0.31		0.04							
6			0.31			0.71							
7								0.08				0.12	
8													
9													
10													
11						0.35							
12		0.43		0.08	0.08								
13					0.08								
14					0.12						0.51		
15	0.47				0.16								
16							0.08						
17				0.12									
18							0.08						
19							0.04				0.43		
20											0.83		
21					0.12						0.04		
22					0.08								
23			0.67								0.04		
24			0.04										
25			0.20	0.08									
26			0.12	0.04									
27			0.04									0.39	
28												0.39	
29													
30			0.04										
31													
SUM	0.47	0.43	2.24	1.10	0.63	1.10	0.20	0.08	0.00	0.00	1.85	0.91	
ACC	0.47	0.91	3.15	4.25	4.88	5.98	6.18	6.26	6.26	6.26	8.11	9.02	
MAX	0.47	0.43	0.79	0.47	0.16	0.71	0.08	0.08	0.00	0.00	0.83	0.39	
NO.	1	1	9	6	6	3	3	1	0	0	5	3	
												Maximum Daily Rainfall	0.83
												Maximum Monthly Rainfall	2.24
												<b>Estimated</b> Annual Rainfall	9.02
												Number of Days with Rain	38

**Notes:**

Gage down from 1/04 08:54 (80) through 1/05 20:54 (100) due to plugged funnel; assigned 12mm to 1/04 and 8mm to 1/05.

Annual rainfall in mm: 229

**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at ACDC @ 36th St. (gage # 4805) for Water Year 1994**

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1	----	----	----	----	----								
2	----	----	----	----	----							.59	
3	----	----	----	----	----								
4	----	----	----	----	----								
5	----	----	----	----	----								
6	----	----	----	----	----								
7	----	----	----	----	----	.35							
8	----	----	----	----	----								
9	----	----	----	----	----								
10	----	----	----	----	----							.08	
11	----	----	----	----	----			.04					
12	----	----	----	----	----								
13	----	----	----	----	----								
14	----	----	----	----	----								
15	----	----	----	----	----								
16	----	----	----	----	----								
17	----	----	----	----	----								
18	----	----	----	----	----					.12			
19	----	----	----	----	----	.35							
20	----	----	----	----	----	.04							
21	----	----	----	----	----							.20	
22	----	----	----	----	----								
23	----	----	----	----	----								
24	----	----	----	----	----			.12					
25	----	----	----	----	----	.43							
26	----	----	----	----	----	.04	.12						
27	----	----	----	----	----								
28	----	----	----	----	----					.24			
29	----	----	----	----	----								
30	----	----	----	----	----								
31	----	----	----	----	----		----		----			----	
SUM	----	----	----	----	0.00	1.22	0.12	0.16	0.00	0.35	0.00	0.87	
ACC	----	----	----	----	0.00	1.22	1.34	1.50	1.50	1.85	1.85	2.72	
MAX	----	----	----	----	0.00	0.43	0.12	0.12	0.00	0.24	0.00	0.59	
NO.	----	----	----	----	0	5	1	2	0	2	0	3	
												Maximum Daily Rainfall	0.59
												Maximum Monthly Rainfall	1.22
												<b>Partial</b> Annual Rainfall	2.72
												Number of Days with Rain	13

**Notes:**  
Annual rainfall in mm: 69  
Gage installed 2/24/94.