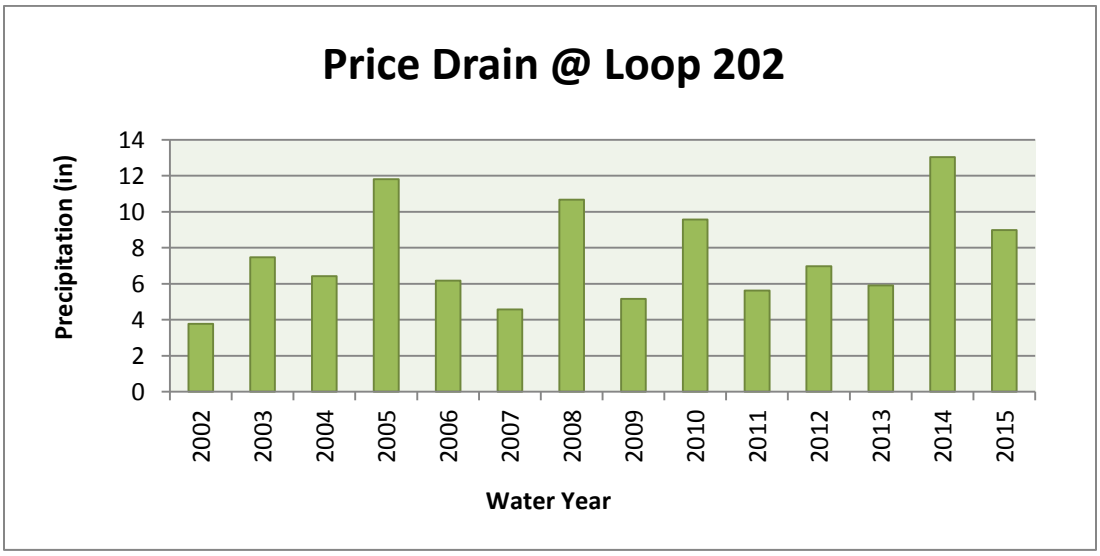
Station Name: Price Drain @ Loop 202

Station ID Number History:	**4570** since 02/13/2001
Station Type:	Rain / Stream
Data Begins:	02/13/2001
Years Since Installation:	14.63 (as of 10/01/15)
Data Repeater:	Thompson Peak
County:	Maricopa
Latitude:	33° 26’ 03.8” (33.43440)
Longitude:	111° 53’ 25.0” (111.89028)
Elevation:	1,175 ft. msl
Location:	Loop 202 at Loop 101
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:	25	
Number of storms greater than 2 inches in 24 hours:	2	
Number of storms greater than 3 inches in 24 hours:	1	
		Approx. T_r
Greatest 15 minute total:	0.83" on 09/08/14	17 years
Greatest 1 hour total:	1.65" on 09/08/14	40 years
Greatest 3 hour total:	2.56" on 09/08/14	195 years
Greatest 6 hour total:	3.86" on 09/08/14	1,000 years
Greatest 24 hour total:	4.21" on 09/08/14	361 years
Greatest 72 hour total:	4.25" on 09/08/14	105 years

Water Year Totals (Mean of Complete Water Years [14] = 7.58 inches):

Water Year	Total	Water Year	Total
2020		2010	9.57
2019		2009	5.16
2018		2008	10.67
2017		2007	4.57
2016		2006	6.18
2015	8.98	2005	11.81
2014	13.03	2004	6.42
2013	5.91	2003	7.48
2012	6.97	2002	3.78
2011	5.63	2001	M

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 Price Drain @ Loop 202 (gage # 4570) for Water Year 2015

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2						.43						
3												
4			.59					.39				
5								.04	.20			
6									.04	.04		
7											.47	
8	.04											.04
9												
10												
11											.20	
12												
13			.16	.28								.04
14												.08
15								.67				.04
16												
17			.12							.16		
18						.04						
19	.35					.12						
20												
21												
22												.24
23												.04
24							.20					
25							.04				.04	
26							.12					
27				.04							.31	
28												
29				.28	----				.20		.59	
30				.75	----						.04	
31		----	.28	.12	----		----		----	.71	.47	----
SUM	0.39	0.00	1.14	1.46	0.00	0.59	0.35	1.10	0.43	0.91	2.13	0.47
ACC	0.39	0.39	1.54	2.99	2.99	3.58	3.94	5.04	5.47	6.38	8.50	8.98
MAX	0.35	0.00	0.59	0.75	0.00	0.43	0.20	0.67	0.20	0.71	0.59	0.24
NO.	2	0	4	5	0	3	3	3	3	3	7	6

Maximum Daily Rainfall	0.75
Maximum Monthly Rainfall	2.13
Total Annual Rainfall	8.98
Number of Days with Rain	39

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Price Drain @ Loop 202 (gage # 4570) for Water Year 2014

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1						1.46						
2						.08						
3											.43	
4		.08										.04
5												
6												
7												
8										.20		4.21
9												.04
10												
11												
12											.39	
13										.16	.12	
14												
15												
16												.04
17												.39
18												
19											.08	
20			.67									
21		.35									.28	
22		1.57										
23		.35										
24		.04										
25												
26												
27												2.05
28												
29					----							
30					----							
31		----			----		----		----			----
SUM	0.00	2.40	0.67	0.00	0.00	1.54	0.00	0.00	0.00	0.35	1.30	6.77
ACC	0.00	2.40	3.07	3.07	3.07	4.61	4.61	4.61	4.61	4.96	6.26	13.03
MAX	0.00	1.57	0.67	0.00	0.00	1.46	0.00	0.00	0.00	0.20	0.43	4.21
NO.	0	5	1	0	0	2	0	0	0	2	5	6

Maximum Daily Rainfall	4.21
Maximum Monthly Rainfall	6.77
Total Annual Rainfall	13.03
Number of Days with Rain	21

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Price Drain @ Loop 202 (gage # 4570) for Water Year 2013

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4												
5												
6											.04	.08
7												
8						.94						.16
9						.04						.43
10												
11	.04				.12							
12												
13			.31									
14			.43									
15			.31								.12	
16			.04							.04		
17												
18												
19			.04									
20					.31					.55		
21												
22												
23												
24												
25										.08		
26				1.61								
27				.12								
28				.04								
29					----							
30			.04		----							
31		----			----		----		----			----
SUM	0.04	0.00	1.18	1.77	0.43	0.98	0.00	0.00	0.00	0.67	0.16	0.67
ACC	0.04	0.04	1.22	2.99	3.43	4.41	4.41	4.41	4.41	5.08	5.24	5.91
MAX	0.04	0.00	0.43	1.61	0.31	0.94	0.00	0.00	0.00	0.55	0.12	0.43
NO.	1	0	6	3	2	2	0	0	0	3	2	3

Maximum Daily Rainfall	1.61
Maximum Monthly Rainfall	1.77
Total Annual Rainfall	5.91
Number of Days with Rain	22

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Price Drain @ Loop 202 (gage # 4570) for Water Year 2012

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3			.08									
4	.20	.04								.04		.67
5		.31								.04		
6												
7		.24										.35
8												
9								.12				
10												.12
11												.08
12			.24							.04		
13		.20	.87							.04		
14			.04							.79		
15												
16												
17											.12	
18			.12			.39						
19												
20												
21		.04									.51	
22											.08	
23											.71	
24											.16	
25												
26							.08					
27												
28										.12		
29										.08		
30					----					.08		
31		----			----		----		----			----
SUM	0.20	0.83	1.34	0.00	0.00	0.39	0.08	0.12	0.00	1.22	1.57	1.22
ACC	0.20	1.02	2.36	2.36	2.36	2.76	2.83	2.95	2.95	4.17	5.75	6.97
MAX	0.20	0.31	0.87	0.00	0.00	0.39	0.08	0.12	0.00	0.79	0.71	0.67
NO.	1	5	5	0	0	1	1	1	0	8	5	4

Maximum Daily Rainfall	0.87
Maximum Monthly Rainfall	1.57
Total Annual Rainfall	6.97
Number of Days with Rain	31

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Price Drain @ Loop 202 (gage # 4570) for Water Year 2011

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3											.08	
4												
5	1.30											
6	.08											
7												
8												
9							.39					
10												
11										.28		
12												
13												.12
14												
15												
16			.12									
17												
18								.04				
19					.47							
20					.08							
21	.39					.12						
22			.28									
23												
24										.28		
25												
26					.04							
27					.39							
28												
29			.63		----							
30			.55		----							
31		----			----		----		----			----
SUM	1.77	0.00	1.57	0.00	0.98	0.12	0.39	0.04	0.00	0.55	0.08	0.12
ACC	1.77	1.77	3.35	3.35	4.33	4.45	4.84	4.88	4.88	5.43	5.51	5.63
MAX	1.30	0.00	0.63	0.00	0.47	0.12	0.39	0.04	0.00	0.28	0.08	0.12
NO.	3	0	4	0	4	1	1	1	0	2	1	1

Maximum Daily Rainfall	1.30
Maximum Monthly Rainfall	1.77
Total Annual Rainfall	5.63
Number of Days with Rain	18

Annual Total (mm): 143

Days Down: 0

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Price Drain @ Loop 202 (gage # 4570) for Water Year 2010

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4												
5												
6												
7			.24		.04	.47					.04	
8						.04						
9						.12						
10												
11			----			.04						
12			----									
13			----									
14												
15												
16										.04		
17											.59	
18												
19				1.07								
20				.04	.12							
21				1.77	.31						.67	
22			.12	.24	.35						.12	.08
23				.04		.71						
24												
25										----		
26												
27					.08							
28				.12	.47							
29					----					.43		
30					----					.08		
31		----			----		----		----	1.14		----
SUM	0.00	0.00	0.35	3.27	1.38	1.38	0.00	0.00	0.00	1.69	1.42	0.08
ACC	0.00	0.00	0.35	3.62	5.00	6.38	6.38	6.38	6.38	8.07	9.49	9.57
MAX	0.00	0.00	0.24	1.77	0.47	0.71	0.00	0.00	0.00	1.14	0.67	0.08
NO.	0	0	2	6	6	5	0	0	0	4	4	1

Maximum Daily Rainfall	1.77
Maximum Monthly Rainfall	3.27
Total Annual Rainfall	9.57
Number of Days with Rain	28

Notes:

Annual rainfall in millimeters: 243

Gage 4570 down from 12/10 10:13 (6) through 12/14 10:13 (6) due to repeater failure; no rain fell.

Gage 4570 down from 07/24 06:44 (163) through 07/26 07:25 (163) due to transmitter failure; no rain fell.

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Price Drain @ Loop 202 (gage # 4570) for Water Year 2009

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												.08
4				.12								
5				.04								.35
6												
7												
8					.51							
9					.67							
10												
11							.20					
12												
13											.28	
14			.08									
15												
16			.24									
17					.12							
18			.12									
19												
20										.08		
21								.12		.75	.04	
22			.16	.04				.08				
23			.08									
24												
25			.51									
26		.16	.24									
27		.08										
28		.04										
29					----							
30					----							
31		----			----		----		----			----
SUM	0.00	0.28	1.42	0.20	1.30	0.00	0.20	0.20	0.00	0.83	0.31	0.43
ACC	0.00	0.28	1.69	1.89	3.19	3.19	3.39	3.58	3.58	4.41	4.72	5.16
MAX	0.00	0.16	0.51	0.12	0.67	0.00	0.20	0.12	0.00	0.75	0.28	0.35
NO.	0	3	7	3	3	0	1	2	0	2	2	2

Maximum Daily Rainfall	0.75
Maximum Monthly Rainfall	1.42
Total Annual Rainfall	5.16
Number of Days with Rain	25

Notes:

Annual rainfall in millimeters: 131

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Price Drain @ Loop 202 (gage # 4570) for Water Year 2008

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			.08									
2												
3												
4					.31							
5											.24	
6												
7			.35	.47							1.14	
8			.31								.08	
9												
10			.08							.28		.08
11			.04							.47		
12												
13										1.18		
14										.04		
15					.28							
16												
17												
18												
19												
20					.04							
21												
22								.39				
23								.12				
24				.08								
25								----			.43	
26								----				
27				1.06							.35	
28				.08							1.18	
29												
30		1.46			----							
31		----			----		----		----		.04	----
SUM	0.00	1.46	0.87	1.69	0.63	0.00	0.00	0.51	0.00	1.97	3.46	0.08
ACC	0.00	1.46	2.32	4.02	4.65	4.65	4.65	5.16	5.16	7.13	10.59	10.67
MAX	0.00	1.46	0.35	1.06	0.31	0.00	0.00	0.39	0.00	1.18	1.18	0.08
NO.	0	1	5	4	3	0	0	2	0	4	7	1

Maximum Daily Rainfall	1.46
Maximum Monthly Rainfall	3.46
Total Annual Rainfall	10.67
Number of Days with Rain	27

Notes:

Annual rainfall in millimeters: 271 Total down-time: 2.25 days

Gage 4570 down from 5/24 19:38 (131) through 5/27 01:38 (131) for unknown reason; no rain fell.

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Price Drain @ Loop 202 (gage # 4570) for Water Year 2007

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4												
5	.12											
6	.04											
7												
8												
9												
10												
11												
12							.12					
13							.08					
14	.04				.04						.04	
15											.04	
16												
17												
18												
19				.12	.28					.24		
20					.08							
21				.35			.08					
22			.28			.87						
23												
24						.04						
25										.20		
26												
27												
28			.04									
29					----							
30				.04	----					1.26		
31		----		.20	----		----		----			----
SUM	0.20	0.00	0.31	0.71	0.39	0.91	0.28	0.00	0.00	1.69	0.08	0.00
ACC	0.20	0.20	0.51	1.22	1.61	2.52	2.80	2.80	2.80	4.49	4.57	4.57
MAX	0.12	0.00	0.28	0.35	0.28	0.87	0.12	0.00	0.00	1.26	0.04	0.00
NO.	3	0	2	4	3	2	3	0	0	3	2	0

Maximum Daily Rainfall	1.26
Maximum Monthly Rainfall	1.69
Total Annual Rainfall	4.57
Number of Days with Rain	22

Notes:

Annual rainfall in millimeters: 116

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Price Drain @ Loop 202 (gage # 4570) for Water Year 2006

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												.16
3												
4										.04		
5										.04		
6												
7												
8												
9												.08
10												
11						1.46					.67	
12						.12					.47	
13												
14												
15												
16												
17	.16											
18	.08											
19						.12						
20										.08		
21											.94	
22											.55	
23												
24											.24	
25										.67		
26										.12		
27										.04		
28												
29					----							
30					----					.16		
31		----			----		----		----			----
SUM	0.24	0.00	0.00	0.00	0.00	1.69	0.00	0.00	0.00	1.14	2.87	0.24
ACC	0.24	0.24	0.24	0.24	0.24	1.93	1.93	1.93	1.93	3.07	5.94	6.18
MAX	0.16	0.00	0.00	0.00	0.00	1.46	0.00	0.00	0.00	0.67	0.94	0.16
NO.	2	0	0	0	0	3	0	0	0	7	5	2

Maximum Daily Rainfall	1.46
Maximum Monthly Rainfall	2.87
Total Annual Rainfall	6.18
Number of Days with Rain	19

Notes:

Annual rainfall in millimeters: 157

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Price Drain @ Loop 202 (gage # 4570) for Water Year 2005

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2											.47	
3				1.30							.20	
4			.24	.67								
5			.24			.31						
6			.20			.12						
7		.04									.28	
8		.04									.08	
9											.16	.12
10					.16							
11				.08	.94							
12					.47							
13												
14												
15		.04										
16												
17					.24							
18					.59							
19					.98							
20					.31							
21	.28				.12							
22		.28			.04					.04		
23							.16			.16		
24				.08	.04		.04		.04			
25												
26				.75								
27												
28	.43		.08									
29			.59	.08	-----							
30			.24		-----					.12		
31		-----			-----		-----		-----			-----
SUM	0.71	0.39	1.57	2.95	3.90	0.43	0.20	0.00	0.04	0.31	1.18	0.12
ACC	0.71	1.10	2.68	5.63	9.53	9.96	10.16	10.16	10.20	10.51	11.69	11.81
MAX	0.43	0.28	0.59	1.30	0.98	0.31	0.16	0.00	0.04	0.16	0.47	0.12
NO.	2	4	6	6	10	2	2	0	1	3	5	1

Maximum Daily Rainfall	1.30
Maximum Monthly Rainfall	3.90
Total Annual Rainfall	11.81
Number of Days with Rain	42

Notes:

Annual rainfall in millimeters: 300

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Price Drain @ Loop 202 (gage # 4570) for Water Year 2004

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2							.94					
3						.04						
4						.75						
5						.12						
6												
7												
8												
9												
10	.16						.04			-----		
11			.12							-----		
12		.71										
13		.04				.08				.47		
14										.12		
15												
16											.08	
17												
18												.31
19												.51
20												
21				.08								
22				.43								
23					.94							
24			.12	.12	.04							
25				.08						.08		
26			.04									
27												
28												
29												
30					-----							
31		-----			-----		-----		-----			-----
SUM	0.16	0.75	0.28	0.71	0.98	0.98	0.98	0.00	0.00	0.67	0.08	0.83
ACC	0.16	0.91	1.18	1.89	2.87	3.86	4.84	4.84	4.84	5.51	5.59	6.42
MAX	0.16	0.71	0.12	0.43	0.94	0.75	0.94	0.00	0.00	0.47	0.08	0.51
NO.	1	2	3	4	2	4	2	0	0	3	1	2

Maximum Daily Rainfall	0.94
Maximum Monthly Rainfall	0.98
Total Annual Rainfall	6.42
Number of Days with Rain	24

Notes:

Annual rainfall in millimeters: 163 Total down-time: 2.38 days

Gage 4570 down from 7/09 16:14 (123) through 7/12 01:14 (123) for unknown reason; no rain fell.

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Price Drain @ Loop 202 (gage # 4570) for Water Year 2003

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1						.04					.04	
2												
3												
4												
5												
6												
7												
8				.43	.04							
9												.08
10												
11												
12					.08							
13					1.22							
14					.39						.20	
15							.16				.04	
16						.63						
17	.08					.16						
18												
19											.04	
20												
21										.04		
22			.04									
23	.04		.39									
24												.08
25					.83							
26	.24				.24						.04	
27	.08				.35						.04	
28					.08							
29		.24			-----					.83		
30		.12			-----					.20		
31		-----			-----		-----		-----			-----
SUM	0.43	0.35	0.43	0.43	3.23	0.83	0.16	0.00	0.00	1.06	0.39	0.16
ACC	0.43	0.79	1.22	1.65	4.88	5.71	5.87	5.87	5.87	6.93	7.32	7.48
MAX	0.24	0.24	0.39	0.43	1.22	0.63	0.16	0.00	0.00	0.83	0.20	0.08
NO.	4	2	2	1	8	3	1	0	0	3	6	2

Maximum Daily Rainfall	1.22
Maximum Monthly Rainfall	3.23
Total Annual Rainfall	7.48
Number of Days with Rain	32

Notes:

Total annual rainfall in millimeters: 190

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Price Drain @ Loop 202 (gage # 4570) for Water Year 2002

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3										.08		
4			.55									
5		.28										
6	.04											.28
7						.12	.08					.08
8						.04						
9										.04		.16
10				.16						.04		
11			.24									
12												
13												
14										.51		
15										.04		
16												
17												
18												
19												
20												
21												
22												
23										.98		
24												
25												
26												
27												
28												
29					-----							
30				.08	-----							
31	-----				-----		-----		-----			-----
SUM	0.04	0.28	0.79	0.24	0.00	0.16	0.08	0.00	0.00	1.69	0.00	0.51
ACC	0.04	0.31	1.10	1.34	1.34	1.50	1.57	1.57	1.57	3.27	3.27	3.78
MAX	0.04	0.28	0.55	0.16	0.00	0.12	0.08	0.00	0.00	0.98	0.00	0.28
NO.	1	1	2	2	0	2	1	0	0	6	0	3

Maximum Daily Rainfall	0.98
Maximum Monthly Rainfall	1.69
Total Annual Rainfall	3.78
Number of Days with Rain	18

Notes:

Total annual rainfall in millimeters: 96

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Price Drain @ Loop 202 (gage # 4570) for Water Year 2001

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	----	----	----	----	----							
2	----	----	----	----	----							
3	----	----	----	----	----							
4	----	----	----	----	----							
5	----	----	----	----	----		.83					
6	----	----	----	----	----		.20			.08		
7	----	----	----	----	----	.87						
8	----	----	----	----	----							
9	----	----	----	----	----						.39	
10	----	----	----	----	----	.08				.04		
11	----	----	----	----	----							
12	----	----	----	----	----							
13	----	----	----	----								
14	----	----	----	----	.08							
15	----	----	----	----								
16	----	----	----	----								
17	----	----	----	----								
18	----	----	----	----								
19	----	----	----	----								
20	----	----	----	----								
21	----	----	----	----			.24					
22	----	----	----	----								
23	----	----	----	----								
24	----	----	----	----								
25	----	----	----	----								
26	----	----	----	----	.04							
27	----	----	----	----	.12							
28	----	----	----	----	.43							
29	----	----	----	----	----					.20		
30	----	----	----	----	----					.08	.04	
31	----	----	----	----	----		----		----		.04	----
SUM	----	----	----	----	0.67	0.94	1.26	0.00	0.00	0.39	0.47	0.00
ACC	----	----	----	----	0.67	1.61	2.87	2.87	2.87	3.27	3.74	3.74
MAX	----	----	----	----	0.43	0.87	0.83	0.00	0.00	0.20	0.39	0.00
NO.	----	----	----	----	4	2	3	0	0	4	3	0

Maximum Daily Rainfall	0.87
Maximum Monthly Rainfall	1.26
Partial Annual Rainfall	3.74
Number of Days with Rain	16

Notes:

Partial annual rainfall in millimeters: 95

Total down-time: 0.00 days

Station installed on 02/13/01.