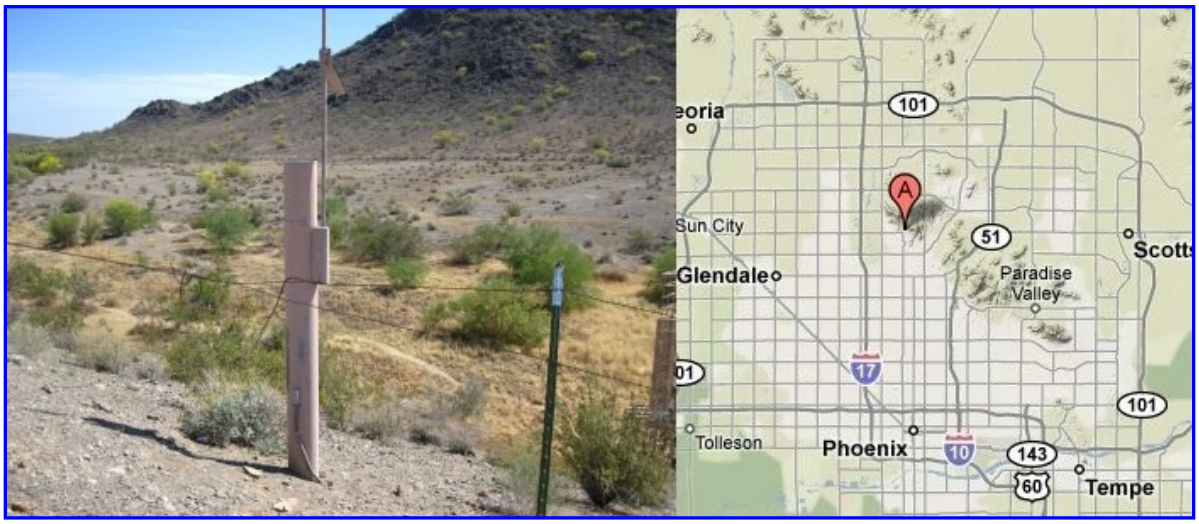
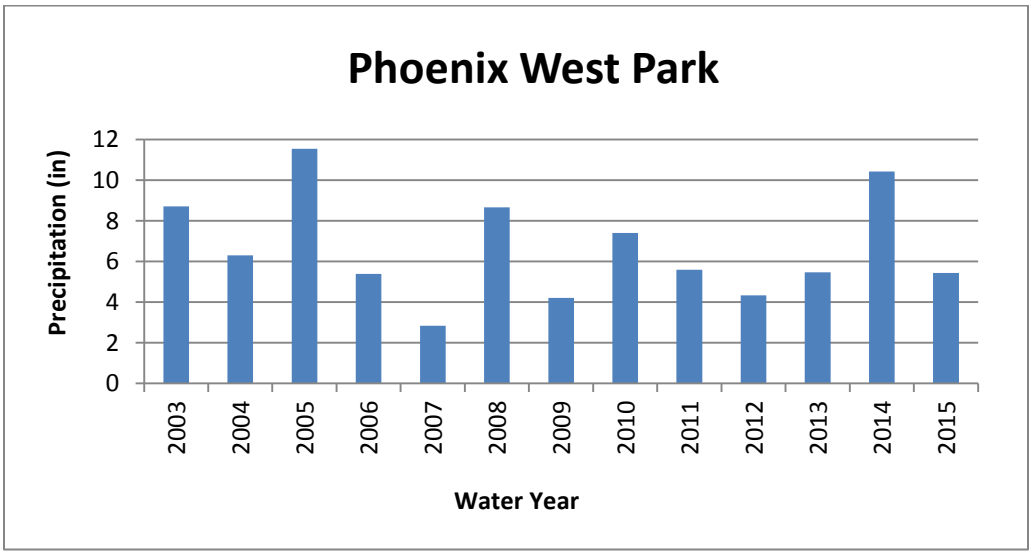


Station Name: Phoenix West Park

Station ID Number History:	**4855** since 11/29/2001
Data Begins:	11/29/01
Years Since Installation:	13.84 (as of 10/01/15)
Data Repeater:	Direct
County:	Maricopa
Latitude:	33º 35’ 02.8” (33.58412)
Longitude:	112º 04’ 55.0” (112.08195)
Elevation:	1,315 ft. msl
Location:	Peoria Ave. at 7th Ave.
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:	15	
Number of storms greater than 2 inches in 24 hours:	3	
Number of storms greater than 3 inches in 24 hours:	0	
		Approx. T_r
Greatest 15 minute total:	0.91" on 07/14/02	17 years
Greatest 1 hour total:	1.34" on 07/14/02	10 years
Greatest 3 hour total:	1.81" on 09/08/14	19 years
Greatest 6 hour total:	2.32" on 09/08/14	38 years
Greatest 24 hour total:	2.68" on 02/13/03	21 years
Greatest 72 hour total:	2.84" on 02/13/03	13 years

Water Year Totals: (Mean of Complete Water Years [13] = 6.64 inches)

Water Year	Total	Water Year	Total
2020		2010	7.40
2019		2009	4.21
2018		2008	8.66
2017		2007	2.83
2016		2006	5.39
2015	5.43	2005	11.54
2014	10.43	2004	6.30
2013	5.47	2003	8.70
2012	4.33	2002	M
2011	5.59	2001	

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 Phoenix West Park Dam (gage # 4855) for Water Year 2015

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2						.31						
3						.04				.04		
4			.71					.28	.08			
5									.35			
6												
7												
8												
9												
10												
11				.04							.12	
12				.08								
13			.31	.04								.12
14												.04
15								.87				
16												
17												
18												
19	.20					.67						
20												
21												
22												
23					.08							
24							.04					
25							.04					
26							.20					
27												
28												
29				.08	----				.24			
30				.31	----							
31		----	.12	.04	----		----		----			----
SUM	0.20	0.00	1.14	0.59	0.08	1.02	0.28	1.14	0.67	0.04	0.12	0.16
ACC	0.20	0.20	1.34	1.93	2.01	3.03	3.31	4.45	5.12	5.16	5.28	5.43
MAX	0.20	0.00	0.71	0.31	0.08	0.67	0.20	0.87	0.35	0.04	0.12	0.12
NO.	1	0	3	6	1	3	3	2	3	1	1	2

Maximum Daily Rainfall	0.87
Maximum Monthly Rainfall	1.14
Total Annual Rainfall	5.43
Number of Days with Rain	26

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Phoenix West Park Dam (gage # 4855) for Water Year 2014

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1						.98					.12	
2											.79	
3												
4												
5												
6												.04
7												
8												2.32
9												.04
10	.04											
11												
12											.75	
13											.08	
14										.16		
15												
16												
17												
18												
19			.04								2.32	
20			.24									
21		.08									.08	
22		1.38										
23		.31										
24												
25												
26										.16		
27												.51
28												
29					----							
30					----							
31		----			----		----		----			----
SUM	0.04	1.77	0.28	0.00	0.00	0.98	0.00	0.00	0.00	0.31	4.13	2.91
ACC	0.04	1.81	2.09	2.09	2.09	3.07	3.07	3.07	3.07	3.39	7.52	10.43
MAX	0.04	1.38	0.24	0.00	0.00	0.98	0.00	0.00	0.00	0.16	2.32	2.32
NO.	1	3	2	0	0	1	0	0	0	2	6	4

Maximum Daily Rainfall	2.32
Maximum Monthly Rainfall	4.13
Total Annual Rainfall	10.43
Number of Days with Rain	19

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Phoenix West Park Dam (gage # 4855) for Water Year 2013

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4												
5												
6												.12
7												
8						.51						.16
9		.04					.04					.39
10												.04
11					.04							
12												
13			.08									
14			.31									
15			.35								.08	
16												
17												
18			.12									
19										.51		
20					.20					.04		
21										.20		
22												
23												
24											.16	
25										.20		
26				.98						.16	.35	
27				.28								
28											.12	
29					----							
30					----							
31		----			----		----		----			----
SUM	0.00	0.04	0.87	1.26	0.24	0.51	0.04	0.00	0.00	1.10	0.71	0.71
ACC	0.00	0.04	0.91	2.17	2.40	2.91	2.95	2.95	2.95	4.06	4.76	5.47
MAX	0.00	0.04	0.35	0.98	0.20	0.51	0.04	0.00	0.00	0.51	0.35	0.39
NO.	0	1	4	2	2	1	1	0	0	5	4	4

Maximum Daily Rainfall	0.98
Maximum Monthly Rainfall	1.26
Total Annual Rainfall	5.47
Number of Days with Rain	24

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Phoenix West Park Dam (gage # 4855) for Water Year 2012

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4	.16	.28	.04							.08		
5		.28										
6												
7		.16										.35
8												
9								.04				
10												.12
11												.08
12			.20									
13		.20	.28							.08		
14			.04									
15												
16												
17												
18			.04			.43						
19												
20			.04									
21											.55	
22										.16	.08	
23											.35	
24												
25	.16											
26							.08					
27												
28										.04		
29										.04		
30					----							
31		----			----		----		----			----
SUM	0.31	0.91	0.63	0.00	0.00	0.43	0.08	0.04	0.00	0.39	0.98	0.55
ACC	0.31	1.22	1.85	1.85	1.85	2.28	2.36	2.40	2.40	2.80	3.78	4.33
MAX	0.16	0.28	0.28	0.00	0.00	0.43	0.08	0.04	0.00	0.16	0.55	0.35
NO.	2	4	6	0	0	1	1	1	0	5	3	3

Maximum Daily Rainfall	0.55
Maximum Monthly Rainfall	0.98
Total Annual Rainfall	4.33
Number of Days with Rain	26

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Phoenix West Park (gage # 4855) for Water Year 2011

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4	.12											
5	1.14											
6												
7												
8												
9							.20					
10												
11										.04		
12												
13												
14												
15												
16			.20									
17												
18												
19					.39							
20	.28				.24							
21	.16	.08				.12						
22			.31									
23			.08									
24										.04		
25										.04		
26					.12							
27					.35							
28												
29			.59		----							
30			.31		----							
31		----			----		----		----	.79		----
SUM	1.69	0.08	1.50	0.00	1.10	0.12	0.20	0.00	0.00	0.91	0.00	0.00
ACC	1.69	1.77	3.27	3.27	4.37	4.49	4.69	4.69	4.69	5.59	5.59	5.59
MAX	1.14	0.08	0.59	0.00	0.39	0.12	0.20	0.00	0.00	0.79	0.00	0.00
NO.	4	1	5	0	4	1	1	0	0	4	0	0

Maximum Daily Rainfall	1.14
Maximum Monthly Rainfall	1.69
Total Annual Rainfall	5.59
Number of Days with Rain	20

Annual Total (mm): 142

Days Down: 0

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Phoenix West Park (gage # 4855) for Water Year 2010

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3					.04							
4												
5												
6												
7			.94		.16	.59					.39	
8						.04						
9						.08						
10												
11												
12												
13				.08								
14					----							
15					----							
16												
17											.12	
18				.04								
19				.71								
20					.12							
21				1.34	.39						.08	
22			.20	.04	.16						.08	.08
23				.04		.16						
24												
25												
26												
27					.04							
28					.71						.24	
29					----					.28		
30					----							
31		----			----		----		----	.28		----
SUM	0.00	0.00	1.14	2.25	1.61	0.87	0.00	0.00	0.00	0.55	0.91	0.08
ACC	0.00	0.00	1.14	3.39	5.00	5.87	5.87	5.87	5.87	6.42	7.32	7.40
MAX	0.00	0.00	0.94	1.34	0.71	0.59	0.00	0.00	0.00	0.28	0.39	0.08
NO.	0	0	2	6	7	4	0	0	0	2	5	1

Maximum Daily Rainfall	1.34
Maximum Monthly Rainfall	2.25
Total Annual Rainfall	7.40
Number of Days with Rain	27

Notes:

Annual rainfall in millimeters: 188
Gage 4855 down from 02/13 07:29 (91) through 02/16 07:28 (91) due to data collision; no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Phoenix West Park (gage # 4855) for Water Year 2009

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												.04
4				.04								
5				.04								.16
6				----								
7					.04							
8					.12							
9		.08			.59							
10												
11							.43					
12												
13											.35	
14												
15												
16			.67									
17			.04									
18			.16									
19												
20												
21								.04			.08	
22			.08	.08				.16				
23			.04									
24												
25			.16									
26		.08	.28									
27		.31										
28												
29					----							
30					----							
31		----			----		----		----		.12	----
SUM	0.00	0.47	1.42	0.16	0.75	0.00	0.43	0.20	0.00	0.00	0.55	0.20
ACC	0.00	0.47	1.89	2.09	2.83	2.83	3.27	3.46	3.46	3.46	4.02	4.21
MAX	0.00	0.31	0.67	0.08	0.59	0.00	0.43	0.16	0.00	0.00	0.35	0.16
NO.	0	3	7	3	3	0	1	2	0	0	3	2

Maximum Daily Rainfall	0.67
Maximum Monthly Rainfall	1.42
Total Annual Rainfall	4.21
Number of Days with Rain	24

Notes:

Annual rainfall in millimeters: 107 Total down-time: 2.09 days
Gage 4855 down from 1/05 08:09 (51) through 1/07 10:17 (51) due to data collision; no rain fell.

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Phoenix West Park (gage # 4855) for Water Year 2008

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			.39									
2												
3											.04	
4					.20							
5				.04							.08	
6												
7			.28	.39							.67	
8			.51								.04	
9												.04
10			.04							1.57		
11			.24							.04		
12												
13										.04		
14											.24	
15					.04							
16												
17												
18												
19												
20					.12					.08		
21												
22					.04							
23								.08				
24				.08								
25											.31	
26											.16	
27				1.02								
28				.24							.04	
29											.12	
30		1.50			----							
31		----			----		----		----			----
SUM	0.00	1.50	1.46	1.77	0.39	0.00	0.00	0.08	0.00	1.73	1.69	0.04
ACC	0.00	1.50	2.95	4.72	5.12	5.12	5.12	5.20	5.20	6.93	8.62	8.66
MAX	0.00	1.50	0.51	1.02	0.20	0.00	0.00	0.08	0.00	1.57	0.67	0.04
NO.	0	1	5	5	4	0	0	1	0	4	9	1

Maximum Daily Rainfall	1.57
Maximum Monthly Rainfall	1.77
Total Annual Rainfall	8.66
Number of Days with Rain	30

Gage 4860 down from 6/30 19:36 (195) through 7/03 01:36 (195) for unknown reason; no rain fell.
Gage 4860 down from 9/01 01:50 (282) through 9/03 07:34 (282) due to antenna failure; no rain fell.

Notes:

Annual rainfall in millimeters: 309

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Phoenix West Park (gage # 4855) for Water Year 2007

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4												
5												
6	.04											
7												
8	.20											
9												
10												
11					.04							
12												
13	.08				.04		.16					
14	.16				.04							
15												
16										.16		
17										.04		
18												
19				.28	.31							
20												
21				.12			.12					
22			.12			.55						
23										.16		
24										.04		
25											.04	
26												
27												
28			.04									
29			.04		----							
30					----							
31		----		.04	----		----		----	.04		----
SUM	0.47	0.00	0.20	0.43	0.43	0.55	0.28	0.00	0.00	0.43	0.04	0.00
ACC	0.47	0.47	0.67	1.10	1.54	2.09	2.36	2.36	2.36	2.80	2.83	2.83
MAX	0.20	0.00	0.12	0.28	0.31	0.55	0.16	0.00	0.00	0.16	0.04	0.00
NO.	4	0	3	3	4	1	2	0	0	5	1	0

Maximum Daily Rainfall	0.55
Maximum Monthly Rainfall	0.55
Total Annual Rainfall	2.83
Number of Days with Rain	23

Notes:

Annual rainfall in millimeters: 72

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Phoenix West Park (gage # 4855) for Water Year 2006

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												.91
3												.51
4												
5							.04					
6												
7												
8												
9												
10												
11						1.30					.28	
12						----					.16	
13						----						
14						----						
15												
16												
17	.04											
18	.67											
19						.20						
20												
21											.59	
22											.12	
23												
24										.12	.04	
25										.28		
26										.12		
27												
28												
29					----							
30					----					.04		
31		----			----		----		----			----
SUM	0.71	0.00	0.00	0.00	0.00	1.50	0.04	0.00	0.00	0.55	1.18	1.42
ACC	0.71	0.71	0.71	0.71	0.71	2.20	2.24	2.24	2.24	2.80	3.98	5.39
MAX	0.67	0.00	0.00	0.00	0.00	1.30	0.04	0.00	0.00	0.28	0.59	0.91
NO.	2	0	0	0	0	2	1	0	0	4	5	2

Maximum Daily Rainfall	1.30
Maximum Monthly Rainfall	1.50
Estimated Annual Rainfall	5.39
Number of Days with Rain	16

Notes:

Estimated annual rainfall in millimeters: 137 Total down-time: 4.42 days

Gage 4855 down from 3/11 00:42 (18) through 3/15 10:47 (51) due to a plugged funnel; rainfall for 3/11 storm **estimated** from nearby stations.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Phoenix West Park (gage # 4855) for Water Year 2005

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2											.91	
3				.55							.12	1.18
4			.24	.35		.08						
5			.20			.08						
6			.24									
7		.35									.24	
8		.12									.04	
9												
10					.08							
11				.24	.59							
12		.04			.31							
13					.04							
14												
15												
16												
17				-----	.16							
18				-----	.20							
19					.63							
20					.28							
21	.43				.20							
22		.47							.08			
23					.16		.35		.04		.12	
24				.12	.16	.04						
25						.08						
26				.51								
27												
28	.35		.08									
29			.71	.28	-----							
30			.04		-----					.04		
31		-----			-----		-----		-----	.04		-----
SUM	0.79	0.98	1.50	2.05	2.80	0.28	0.35	0.00	0.12	0.08	1.42	1.18
ACC	0.79	1.77	3.27	5.31	8.11	8.39	8.74	8.74	8.86	8.94	10.35	11.54
MAX	0.43	0.47	0.71	0.55	0.63	0.08	0.35	0.00	0.08	0.04	0.91	1.18
NO.	2	4	6	6	11	4	1	0	2	2	5	1

Maximum Daily Rainfall	1.18
Maximum Monthly Rainfall	2.80
Total Annual Rainfall	11.54
Number of Days with Rain	44

Notes:

Annual rainfall in millimeters: 293 Total down-time: 2.50 days
Gage 4855 down from 1/16 22:54 (112) through 1/19 10:54 (112) due to antenna failure; no rain fell.

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Phoenix West Park (gage # 4855) for Water Year 2004

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2							1.54					
3						.04						
4						.51						
5												
6												
7												
8												
9												
10	.16											
11			.08									
12		1.10	.04									
13										.24		
14										.51		
15												
16											.04	
17									-----			
18									-----		.04	.20
19									-----			.35
20									-----			
21												
22				.24								
23					.94							
24												
25				.08								
26			.04							.16		
27												
28												
29												
30					-----							
31		-----			-----		-----		-----			-----
SUM	0.16	1.10	0.16	0.31	0.94	0.55	1.54	0.00	0.00	0.91	0.08	0.55
ACC	0.16	1.26	1.42	1.73	2.68	3.23	4.76	4.76	4.76	5.67	5.75	6.30
MAX	0.16	1.10	0.08	0.24	0.94	0.51	1.54	0.00	0.00	0.51	0.04	0.35
NO.	1	1	3	2	1	2	1	0	0	3	2	2

Maximum Daily Rainfall	1.54
Maximum Monthly Rainfall	1.54
Total Annual Rainfall	6.30
Number of Days with Rain	18

Notes:

Annual rainfall in millimeters: 160 Total down-time: 4.69 days

Gage 4855 down from 6/16 18:24 (121) through 6/21 10:51 (121) due to battery failure; no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Phoenix West Park (gage # 4855) 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												.20
8				.31								
9				.04								.04
10												
11												
12					.08				-----			
13					2.40				-----		.20	
14					.35						.31	
15							.16					
16						.47						
17	.08		.08			.59						
18												
19											.24	
20			.04	.04								
21												
22												
23	.12		.08									
24												
25					.63							
26	.55											
27					.16							
28					.04							
29		.24			-----					.98		
30		.20			-----							
31		-----			-----		-----		-----			-----
SUM	0.75	0.43	0.20	0.39	3.66	1.10	0.16	0.00	0.00	0.98	0.79	0.24
ACC	0.75	1.18	1.38	1.77	5.43	6.54	6.69	6.69	6.69	7.68	8.46	8.70
MAX	0.55	0.24	0.08	0.31	2.40	0.59	0.16	0.00	0.00	0.98	0.31	0.20
NO.	3	2	3	3	6	3	1	0	0	1	4	2

Maximum Daily Rainfall	2.40
Maximum Monthly Rainfall	3.66
Total Annual Rainfall	8.70
Number of Days with Rain	28

Notes:

Total annual rainfall in millimeters: 221 Total down-time: 2.75 days
Gage 4855 down from 6/11 19:54 (170) through 6/14 13:54 (170) for unknown reason; no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Phoenix West Park (gage # 4855) for Water Year 2002

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	-----	-----										
2	-----	-----										
3	-----	-----										
4	-----	-----	.47									
5	-----	-----										
6	-----	-----										.67
7	-----	-----					.08					.08
8	-----	-----										
9	-----	-----										
10	-----	-----										.04
11	-----	-----	.20									
12	-----	-----	.16									
13	-----	-----										
14	-----	-----								1.46		
15	-----	-----										
16	-----	-----				-----						
17	-----	-----				-----						
18	-----	-----										
19	-----	-----										
20	-----	-----										
21	-----	-----										
22	-----	-----										
23	-----	-----								.71		
24	-----	-----										
25	-----	-----										
26	-----	-----					-----					
27	-----	-----					-----					
28	-----	-----					-----					
29	-----				-----							
30	-----				-----							
31	-----	-----			-----		-----		-----			-----
SUM	-----	0.00	0.83	0.00	0.00	0.00	0.08	0.00	0.00	2.17	0.00	0.79
ACC	-----	0.00	0.83	0.83	0.83	0.83	0.91	0.91	0.91	3.07	3.07	3.86
MAX	-----	0.00	0.47	0.00	0.00	0.00	0.08	0.00	0.00	1.46	0.00	0.67
NO.	-----	0	3	0	0	0	1	0	0	2	0	3

Maximum Daily Rainfall	1.46
Maximum Monthly Rainfall	2.17
Partial Annual Rainfall	3.86
Number of Days with Rain	9

Notes:

Partial annual rainfall in millimeters: 55 Total down-time: 7.56 days
Gage 4855 down from 03/15 04:24 (21) through 03/18 10:25 (21) due to programming error; no rain fell.
Gage 4855 down from 04/25 04:38 (23) through 04/29 12:01 (23) due to battery failure; no rain fell.
Station installed on 11/29/2001.