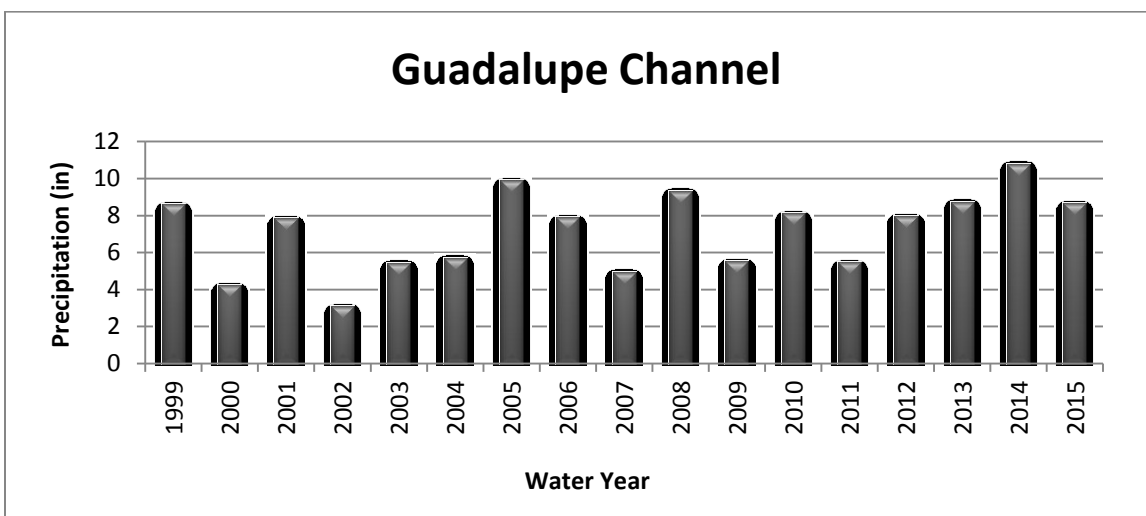




## Station Name: Guadalupe Channel

<b>Station ID Number History:</b>	6600 since 8/7/98
<b>Station Type:</b>	Rain / Stream
<b>Data Begins:</b>	08/07/1998
<b>Years Since Installation:</b>	17.15 (as of 10/01/15)
<b>Data Repeater:</b>	Direct
<b>County:</b>	Maricopa
<b>Latitude:</b>	33 21' 54.8" (33.36523)
<b>Longitude:</b>	111 40' 34.4" (111.67621)
<b>Elevation:</b>	1,360 ft. msl
<b>Location:</b>	1/4 mi. E of Power Rd. and Guadalupe Rd.
<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:	30	
Number of storms greater than 2 inches in 24 hours:	4	
Number of storms greater than 3 inches in 24 hours:	0	
		Approx. $T_r$
Greatest 15 minute total:	0.75" on 05/09/12	11 years
Greatest 1 hour total:	1.77" on 08/31/99	55 years
Greatest 3 hour total:	1.85" on 08/31/99	35 years
Greatest 6 hour total:	2.40" on 09/08/14	80 years
Greatest 24 hour total:	2.87" on 09/08/14	35 years
Greatest 72 hour total:	3.03" on 09/08/14	20 years

**Water Year Totals: (Mean of Complete Water Years [17] = 7.19 inches)**

Water Year	Total	Water Year	Total	Water Year	Total
2020		2010	8.11	2000	4.25
2019		2009	5.51	1999	8.62
2018		2008	9.33	1998	M
2017		2007	4.96	1997	
2016		2006	7.91	1996	
2015	8.66	2005	9.92	1995	
2014	10.79	2004	5.71	1994	
2013	8.74	2003	5.43	1993	
2012	7.95	2002	3.07	1992	
2011	5.47	2001	7.83	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 Guadalupe Channel (gage # 6600) for Water Year 2015

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1													
2					.04	.47						.04	
3			.08										
4			.79			.04		.16					
5								.04	.28				
6									.08				
7											.55		
8	.28												
9	.55												
10									.04				
11											.04		
12				.04									
13			.20	.08								.04	
14													
15								.75					
16													
17			.12										
18						.20				.04			
19						.04							
20													
21												.04	
22												1.38	
23					.04								
24					.04								
25											.35		
26				.08			.08						
27				.08									
28													
29				.20	----								
30				1.02	----								
31		----	.24		----		----		----		.16	----	
SUM	0.83	0.00	1.42	1.50	0.12	0.75	0.08	0.94	0.39	0.04	1.10	1.50	
ACC	0.83	0.83	2.24	3.74	3.86	4.61	4.69	5.63	6.02	6.06	7.17	8.66	
MAX	0.55	0.00	0.79	1.02	0.04	0.47	0.08	0.75	0.28	0.04	0.55	1.38	
NO.	2	0	5	6	3	4	1	3	3	1	4	4	
												Maximum Daily Rainfall	1.38
												Maximum Monthly Rainfall	1.50
												Total Annual Rainfall	8.66
												Number of Days with Rain	36

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**Flood Control District of Maricopa County ALERT System**  
Daily Rainfall at Guadalupe Channel (gage # 6600) for Water Year 2014

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1						1.02						
2												
3										.08	.08	
4												
5												
6												
7												
8												2.87
9												.16
10											.12	
11												
12			----								.39	
13			----						.20		.24	
14												
15												
16												.04
17											.35	.20
18											.08	
19											.12	
20			.67									
21		.20										
22		2.28										
23												
24												
25											.12	
26										.08		
27										.31		1.18
28												
29					----							
30					----							
31		----			----		----		----			----
SUM	0.00	2.48	0.67	0.00	0.00	1.02	0.00	0.00	0.00	0.67	1.50	4.45
ACC	0.00	2.48	3.15	3.15	3.15	4.17	4.17	4.17	4.17	4.84	6.34	10.79
MAX	0.00	2.28	0.67	0.00	0.00	1.02	0.00	0.00	0.00	0.31	0.39	2.87
NO.	0	2	1	0	0	1	0	0	0	4	8	5
	Maximum Daily Rainfall											2.87
	Maximum Monthly Rainfall											4.45
	Total Annual Rainfall											10.79
	Number of Days with Rain											21

Gage 6600 down from 12/11 09:05 (63) through 12/14 03:05 (63) due to data collision; no rain fell.



**Flood Control District of Maricopa County ALERT System**  
Daily Rainfall at Guadalupe Channel (gage # 6600) for Water Year 2012

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep		
1			.04											
2								----						
3			.04					----						
4		.12						----				.51		
5		.28												
6														
7		.20										1.10		
8														
9								.94						
10												.12		
11												.12		
12			.47							.04				
13			1.18											
14										.79				
15											.04			
16														
17											.04			
18			.08			.47								
19														
20											.20			
21	----									.20	.20			
22	----										.04			
23	----										.16			
24											.12			
25														
26	.04						.12							
27														
28										.24				
29										.08				
30					----									
31		----			----		----		----			----		
SUM	0.04	0.59	1.81	0.00	0.00	0.47	0.12	0.94	0.00	1.34	0.79	1.85		
ACC	0.04	0.63	2.44	2.44	2.44	2.91	3.03	3.98	3.98	5.32	6.10	7.95		
MAX	0.04	0.28	1.18	0.00	0.00	0.47	0.12	0.94	0.00	0.79	0.20	1.10		
NO.	1	3	5	0	0	1	1	1	0	5	7	4		
												Maximum Daily Rainfall	1.18	
													Maximum Monthly Rainfall	1.85
													Total Annual Rainfall	7.95
													Number of Days with Rain	28

Gage 6600 down from 10/20 11:20 (0) through 10/24 13:02 (0) for unknown reason; no rain fell.  
Gage 6600 down from 05/01 09:24 (77) through 05/05 09:24 (77) due to data collision; no rain fell.

**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at Guadalupe Channel (gage # 6600) for Water Year 2011**

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3											.20	
4												
5	.59										----	
6											----	
7												
8												
9							.55			.35		.08
10												.35
11										.20		
12											.08	
13												
14												
15												
16			.20									
17												
18												
19					.39							
20					.04							
21	.20	.12				.16						
22			.20									
23			.04									
24										.08		
25										.04		
26												
27					.47							
28		.04										
29			.67		----							
30			.12		----							
31		----			----		----		----	.31		----
SUM	0.79	0.15	1.22	0.00	0.91	0.16	0.55	0.00	0.00	0.98	0.28	0.43
ACC	0.79	0.94	2.17	2.17	3.07	3.23	3.78	3.78	3.78	4.76	5.04	5.47
MAX	0.59	0.12	0.67	0.00	0.47	0.16	0.55	0.00	0.00	0.35	0.20	0.35
NO.	2	2	5	0	3	1	1	0	0	5	2	2
							Maximum Daily Rainfall					0.67
							Maximum Monthly Rainfall					1.22
							Total Annual Rainfall					5.47
							Number of Days with Rain					23

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Annual Total (mm): 139 Days Down: 2.25  
 Gage 6600 down from 08/04 20:14 (126) through 08/07 02:14 (126) due to data collision; no rain fell.

**Flood Control District of Maricopa County ALERT System**  
Daily Rainfall at Guadalupe Channel (gage # 6600) for Water Year 2010

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4												
5												
6												
7			.47		.24	.43						
8						.12						
9			.04			.08						
10												
11												
12												
13			----	.04			----					
14												
15												
16												
17												
18				.04							.04	
19				.94								
20					.08							
21				1.42	.31						.31	
22			.16	.24	.31					.04	.24	.43
23						.16						
24												
25											.08	
26												
27										.24		
28				.20	.63						.04	
29				.04	----					.31		
30					----					.08		
31		----			----		----		----	.35		----
SUM	0.00	0.00	0.67	2.91	1.57	0.79	0.00	0.00	0.00	1.03	0.71	0.43
ACC	0.00	0.00	0.67	3.58	5.16	5.94	5.94	5.94	5.94	6.97	7.68	8.11
MAX	0.00	0.00	0.47	1.42	0.63	0.43	0.00	0.00	0.00	0.36	0.31	0.43
NO.	0	0	3	7	5	4	0	0	0	5	5	1
							Maximum Daily Rainfall					1.42
							Maximum Monthly Rainfall					2.91
							Total Annual Rainfall					8.11
							Number of Days with Rain					30

**Notes:**

Annual rainfall in millimeters: 206  
Gage 6600 down from 12/12 04:06 (13) through 12/14 22:06 (13) due to data collision; no rain fell.  
Gage 6600 down from 04/12 03:18 (151) through 04/14 12:48 (151) for unknown reason; no rain fell.



**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at Guadalupe Channel (gage # 6600) for Water Year 2009**

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1					----								
2					----								
3												.71	
4				.04									
5												.39	
6													
7													
8					.39								
9					.31								
10													
11							.20						
12													
13											.04		
14													
15			.04										
16			.59										
17			.12		.28								
18			.04										
19													
20													
21								.04		.20			
22			.24	.12				.08					
23			.16										
24													
25			.20										
26		.43	.28										
27		.63											
28													
29					----								
30					----								
31		----			----		----		----			----	
SUM	0.00	1.06	1.65	0.16	0.98	0.00	0.20	0.12	0.00	0.20	0.04	1.10	
ACC	0.00	1.06	2.72	2.87	3.86	3.86	4.06	4.17	4.17	4.37	4.41	5.51	
MAX	0.00	0.63	0.59	0.12	0.39	0.00	0.20	0.08	0.00	0.20	0.04	0.71	
NO.	0	2	8	2	3	0	1	2	0	1	1	2	
												Maximum Daily Rainfall	0.71
												Maximum Monthly Rainfall	1.65
												Total Annual Rainfall	5.51
												Number of Days with Rain	22

**Notes:**

Annual rainfall in millimeters: 140 Total down-time: 2.25 days  
 Gage 6600 down from 1/31 18:10 (73) through 2/03 00:10 (73) due to data collision; no rain fell.



**Flood Control District of Maricopa County ALERT System**  
Daily Rainfall at Guadalupe Channel (gage # 6600) for Water Year 2007

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1											.04	
2												
3												
4												
5												
6	.04											
7												
8	.43											
9												
10												
11												
12							.08					
13					.04		.04					
14	.08				.04						.04	
15												
16												
17												
18												
19				.24	.24							
20					.04							
21				.16			.04			.16		
22			.16			.55						
23						.31						
24										.04		
25										1.22	.20	
26												
27												
28			.04							.47		
29					----							
30					----					.08	.12	
31		----		.08	----		----		----			----
SUM	0.55	0.00	0.20	0.47	0.35	0.87	0.16	0.00	0.00	1.97	0.39	0.00
ACC	0.55	0.55	0.75	1.22	1.57	2.44	2.60	2.60	2.60	4.57	4.96	4.96
MAX	0.43	0.00	0.16	0.24	0.24	0.55	0.08	0.00	0.00	1.22	0.20	0.00
NO.	3	0	2	3	4	2	3	0	0	5	4	0
										Maximum Daily Rainfall		1.22
										Maximum Monthly Rainfall		1.97
										Total Annual Rainfall		4.96
										Number of Days with Rain		26

**Notes:**

Annual rainfall in millimeters: 126

Total down-time: 0.00 days



**Flood Control District of Maricopa County ALERT System**  
 Daily Rainfall at Guadalupe Channel (gage # 6600) for Water Year 2005

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												.04
2												.04
3				1.26								
4			.39	.63							.04	
5			.12			.24						
6			.31			.43						
7												
8												
9										.04		
10					.20							.04
11					.83							
12					.63					.04		
13												
14												
15		.04										
16										-----		
17					.16					-----		
18					.24					-----		
19					1.26					-----		
20										-----		
21	.28				.04							
22		.16			.12					.04		
23							.16		.08	.04		
24				.04			.04		.20			
25												
26				.47								
27				.08								
28	.43		.04									
29			.59	.04	-----							
30			.12		-----							
31		-----			-----		-----		-----			-----
SUM	0.71	0.20	1.57	2.52	3.46	0.67	0.20	0.00	0.28	0.08	0.12	0.12
ACC	0.71	0.91	2.48	5.00	8.46	9.13	9.33	9.33	9.61	9.69	9.80	9.92
MAX	0.43	0.16	0.59	1.26	1.26	0.43	0.16	0.00	0.20	0.04	0.04	0.04
NO.	2	2	6	6	8	2	2	0	2	2	3	3
	Maximum Daily Rainfall											1.26
	Maximum Monthly Rainfall											3.46
	Total Annual Rainfall											9.92
	Number of Days with Rain											38

**Notes:**

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Annual rainfall in millimeters: 252 Total down-time: 6.19 days  
 Gage 6600 down from 7/15 03:40 (244) through 7/21 08:18 (244) due to programming error; no rain fell.



**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at Guadalupe Channel (gage # 6600) for Water Year 2003**

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1											.08		
2													
3													
4													
5													
6													
7												.04	
8				.20									
9													
10													
11													
12					.08						.08		
13					1.10						.20		
14					.28								
15					.04		.16						
16						.55							
17	.16					.16							
18													
19											.04		
20						-----							
21						-----							
22						-----							
23			.43			-----				.08			
24												.12	
25					.43								
26	.16				.24						.04		
27					.12								
28													
29		.43			-----					.12			
30		.12			-----								
31		-----			-----		-----		-----			-----	
SUM	0.31	0.55	0.43	0.20	2.28	0.71	0.16	0.00	0.00	0.20	0.43	0.16	
ACC	0.31	0.87	1.30	1.50	3.78	4.49	4.65	4.65	4.65	4.84	5.28	5.43	
MAX	0.16	0.43	0.43	0.20	1.10	0.55	0.16	0.00	0.00	0.12	0.20	0.12	
NO.	2	2	1	1	7	2	1	0	0	2	5	2	
												Maximum Daily Rainfall	1.10
												Maximum Monthly Rainfall	2.28
												Total Annual Rainfall	5.43
												Number of Days with Rain	25

**Notes:**

Total annual rainfall in millimeters: 138 Total down-time: 5.34 days  
Gage 6600 down from 3/19 03:32 (114) through 3/24 11:38 (114) due to transmitter failure; no rain fell.

## Flood Control District of Maricopa County ALERT System

### Daily Rainfall at Guadalupe Channel (gage # 6600) for Water Year 2002

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1											.12	
2												
3												
4			1.34									
5		.04									.04	
6	.04											.16
7						.08	.04					.04
8						.04						.04
9										.24		.04
10												.04
11			.12									
12												
13												
14												
15			.04									
16												
17												
18												
19												
20												
21												
22												
23										.55		
24												
25												
26												
27												
28												
29					-----							
30				.08	-----							
31		-----			-----		-----		-----			-----
SUM	0.04	0.04	1.50	0.08	0.00	0.12	0.04	0.00	0.00	0.79	0.16	0.31
ACC	0.04	0.08	1.57	1.65	1.65	1.77	1.81	1.81	1.81	2.60	2.76	3.07
MAX	0.04	0.04	1.34	0.08	0.00	0.08	0.04	0.00	0.00	0.55	0.12	0.16
NO.	1	1	3	1	0	2	1	0	0	2	2	5
							Maximum Daily Rainfall					1.34
							Maximum Monthly Rainfall					1.50
							Total Annual Rainfall					3.07
							Number of Days with Rain					18

#### Notes:

Total annual rainfall in millimeters: 78

Total down-time: 0.00 days





**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at Guadalupe Channel (gage # 6600) for Water Year 2000**

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep		
1														
2				.04										
3														
4														
5						.43								
6						1.73								
7						.35					.16			
8														
9														
10														
11												.04		
12											.04			
13														
14														
15														
16														
17											.71			
18														
19														
20														
21														
22														
23														
24											.08			
25														
26														
27														
28						.12			.39					
29														
30					----						.08			
31		----			----	.04	----		----			----		
SUM	0.00	0.00	0.00	0.04	0.00	2.68	0.00	0.00	0.39	0.00	1.06	0.04		
ACC	0.00	0.00	0.00	0.04	0.04	2.76	2.76	2.76	3.15	3.15	4.21	4.25		
MAX	0.00	0.00	0.00	0.04	0.00	1.73	0.00	0.00	0.39	0.00	0.71	0.04		
NO.	0	0	0	1	0	5	0	0	1	0	5	1		
												Maximum Daily Rainfall	1.73	
													Maximum Monthly Rainfall	2.72
													Total Annual Rainfall	4.25
													Number of Days with Rain	13

**Notes:**

Annual rainfall in millimeters: 108

Total down-time: 0 days

**Flood Control District of Maricopa County ALERT System**  
Daily Rainfall at Guadalupe Channel (gage # 6600) for Water Year 1999

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1							.59					.08
2							.43					
3	----											
4	----				.20		.43					
5												
6			.16							.31		
7										.04		
8	----											
9	----											
10	----										.04	
11	----									.04	.20	
12	----											
13	----											
14										.39	.16	.08
15			.08							.20		.39
16						.04						
17												
18												
19											.24	1.02
20	----											
21	----											
22	----											.04
23	----									.20		
24	----									.08		
25				.04					----			
26	.43					.08			----			
27												
28		.28									.31	
29		.04			----							
30					----							
31		----			----		----		----		1.89	----
SUM	0.43	0.31	0.24	0.04	0.20	0.12	1.46	0.00	0.00	1.26	2.83	1.61
ACC	0.43	0.75	0.98	1.02	1.22	1.34	2.80	2.80	2.80	4.06	6.93	8.62
MAX	0.43	0.28	0.16	0.04	0.20	0.08	0.59	0.00	0.00	0.39	1.89	1.02
NO.	1	2	2	1	1	2	3	0	0	7	6	5
											Maximum Daily Rainfall	1.89
											Maximum Monthly Rainfall	2.87
											Total Annual Rainfall	8.62
											Number of Days with Rain	30

**Notes:**

Annual rainfall in millimeters: 219

Total down-time: 19.80 days

Gage 6600 down from 10/02 22:54 (0) through 10/05 22:55 (0) due to battery failure; no rain fell.

Gage 6600 down from 10/06 23:22 (0) through 10/14 12:37 (0) due to battery failure; no rain fell.

Gage 6600 down from 10/19 00:37 (0) through 10/25 00:36 (0) due to battery failure; no rain fell.

Gage 6600 down from 6/24 17:35 (71) through 6/27 23:36 (71) for unknown reason; no rain fell.

**Flood Control District of Maricopa County ALERT System**  
 Daily Rainfall at Guadalupe Channel (gage # 6600) for Water Year 1998

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1	----	----	----	----	----	----	----	----	----	----	----	----	
2	----	----	----	----	----	----	----	----	----	----	----	----	
3	----	----	----	----	----	----	----	----	----	----	----	----	
4	----	----	----	----	----	----	----	----	----	----	----	.16	
5	----	----	----	----	----	----	----	----	----	----	----	----	
6	----	----	----	----	----	----	----	----	----	----	----	.12	
7	----	----	----	----	----	----	----	----	----	----	----	----	
8	----	----	----	----	----	----	----	----	----	----	----	.04	
9	----	----	----	----	----	----	----	----	----	----	----	.20	
10	----	----	----	----	----	----	----	----	----	----	----	----	
11	----	----	----	----	----	----	----	----	----	----	----	----	
12	----	----	----	----	----	----	----	----	----	----	----	----	
13	----	----	----	----	----	----	----	----	----	----	----	----	
14	----	----	----	----	----	----	----	----	----	----	.04	----	
15	----	----	----	----	----	----	----	----	----	----	1.26	----	
16	----	----	----	----	----	----	----	----	----	----	----	----	
17	----	----	----	----	----	----	----	----	----	----	----	----	
18	----	----	----	----	----	----	----	----	----	----	----	----	
19	----	----	----	----	----	----	----	----	----	----	----	----	
20	----	----	----	----	----	----	----	----	----	----	----	----	
21	----	----	----	----	----	----	----	----	----	----	----	----	
22	----	----	----	----	----	----	----	----	----	----	----	----	
23	----	----	----	----	----	----	----	----	----	----	----	----	
24	----	----	----	----	----	----	----	----	----	----	----	----	
25	----	----	----	----	----	----	----	----	----	----	----	----	
26	----	----	----	----	----	----	----	----	----	----	----	----	
27	----	----	----	----	----	----	----	----	----	----	----	----	
28	----	----	----	----	----	----	----	----	----	----	.28	----	
29	----	----	----	----	----	----	----	----	----	----	----	----	
30	----	----	----	----	----	----	----	----	----	----	----	----	
31	----	----	----	----	----	----	----	----	----	----	----	----	
SUM	----	----	----	----	----	----	----	----	----	----	1.57	0.51	
ACC	----	----	----	----	----	----	----	----	----	----	1.57	2.13	
MAX	----	----	----	----	----	----	----	----	----	----	1.26	0.20	
NO.	----	----	----	----	----	----	----	----	----	----	3	4	
												Maximum Daily Rainfall	1.26
												Maximum Monthly Rainfall	1.57
												<b>Partial</b> Annual Rainfall	2.13
												Number of Days with Rain	7

**Notes:**

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Partial annual rainfall in millimeters: 54  
 Station installed 8/7/98.  
 Gage down from 8/31 22:39 (40) through 9/06 5:26 (44) due to programming error; assigned 4mm to 9/04.  
Total down-time: 5.3 days