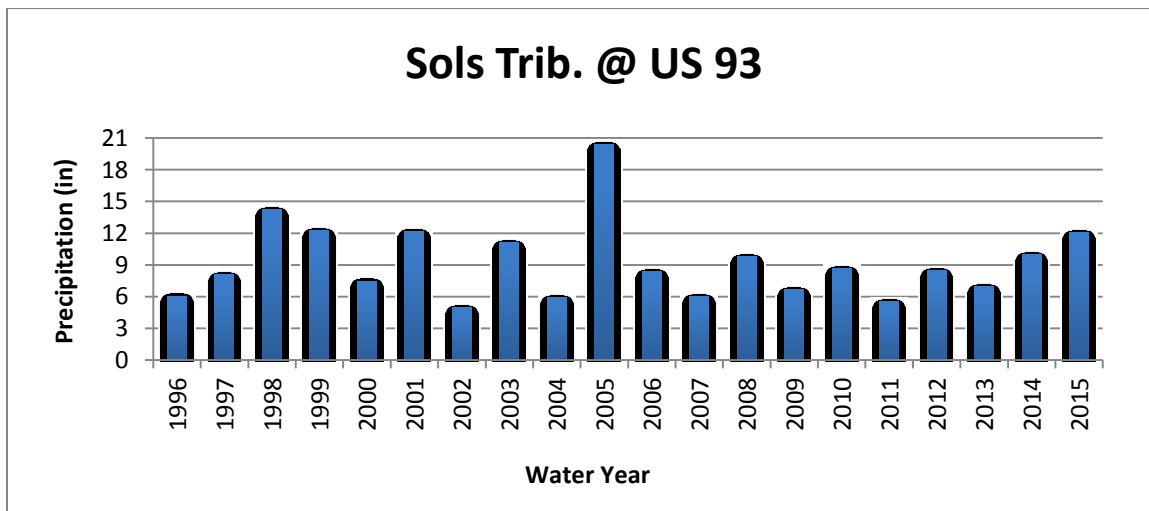




Station Name: Sols Wash Tributary @ SR 93
(formerly Flores West)

Station ID Number History:	7025 since 05/02/95
Station Type:	Rain / Stream
Data Begins:	05/02/1995
Years Since Installation:	20.42 (as of 10/01/15)
Data Repeater:	Yarnell Hill
County:	Yavapai
Latitude:	34° 03' 06.8" (34.05187)
Longitude:	112° 51' 01.1" (112.85030)
Elevation:	2,580 ft. msl
Location:	Along US 93, 3.2 mi. NW of the US 93 / US 89 junction
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:	40	
Number of storms greater than 2 inches in 24 hours:	8	
Number of storms greater than 3 inches in 24 hours:	1	
		Approx. Tr
Greatest 15 minute total:	0.94" on 07/14/96	9 years
Greatest 1 hour total:	1.73" on 07/14/12	14 years
Greatest 3 hour total:	1.85" on 09/26/97	8 years
Greatest 6 hour total:	2.48" on 09/26/97	14 years
Greatest 24 hour total:	3.90" on 09/26/97	33 years
Greatest 72 hour total:	3.90" on 09/26/97	18 years

Water Year Totals: (Mean of Complete Water Years [20] = 9.26 inches)

Water Year	Total	Water Year	Total	Water Year	Total
2020		2010	8.66	2000	7.48
2019		2009	6.69	1999	12.24
2018		2008	9.76	1998	14.21
2017		2007	6.02	1997	8.11
2016		2006	8.35	1996	6.06
2015	12.09	2005	20.39	1995	M
2014	10.00	2004	5.94	1994	
2013	6.97	2003	11.14	1993	
2012	8.46	2002	4.96	1992	
2011	5.55	2001	12.13	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 Sols Trib. @ US 93 (gage # 7025) for Water Year 2012

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			.08									.12
2			.04									
3			.08									
4	.08	.47								.24		.75
5		.12										
6	.16											
7		.28										.04
8												
9												
10												.08
11												.12
12			.75							.04		
13			.79									
14			.08							1.89		
15												
16											.08	
17			.04			.08					.04	
18			.08			1.26					.24	
19												
20												
21										.08	.04	
22										.04	.04	
23											.08	
24												
25												
26							.08			----		
27										----		
28												
29										.04		
30					----					.08		
31		----			----		----		----			----
SUM	0.24	0.87	1.93	0.00	0.00	1.34	0.08	0.00	0.00	2.40	0.51	1.10
ACC	0.24	1.10	3.03	3.03	3.03	4.37	4.45	4.45	4.45	6.85	7.36	8.46
MAX	0.16	0.47	0.79	0.00	0.00	1.26	0.08	0.00	0.00	1.89	0.24	0.75
NO.	2	3	8	0	0	2	1	0	0	7	6	5
										Maximum Daily Rainfall		1.89
										Maximum Monthly Rainfall		2.40
										Total Annual Rainfall		8.46
										Number of Days with Rain		34

Gage 7025 down from 7/26 09:08 (171) through 7/28 15:07 (171) due to repeater failure; no rain fell.

Flood Control District of Maricopa County ALERT System
 Daily Rainfall at Sols Trib. @ US 93 (gage # 7025) for Water Year 2011

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4	.24									.04		
5	.35											
6												
7												
8							.12					
9							.31					
10												
11												.28
12												
13												.08
14												.04
15												
16			.20									
17												
18												
19					.83							
20	.12				.12							
21		.04	.04			.20						
22			.94									
23			.04									
24												
25												
26					.20						.20	
27					.28							
28												
29			.59		----					.16		
30			.04		----					.08		
31		----			----		----		----	.04		----
SUM	0.71	0.04	1.85	0.00	1.42	0.20	0.43	0.00	0.00	0.31	0.20	0.39
ACC	0.71	0.75	2.60	2.60	4.02	4.21	4.65	4.65	4.65	4.96	5.16	5.55
MAX	0.35	0.04	0.94	0.00	0.83	0.20	0.31	0.00	0.00	0.16	0.20	0.28
NO.	3	1	6	0	4	1	2	0	0	4	1	3
	Maximum Daily Rainfall											0.94
	Maximum Monthly Rainfall											1.85
	Total Annual Rainfall											5.55
	Number of Days with Rain											25

Annual Total (mm): 141

Days Down: 0

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Sols Trib. @ US 93 (gage # 7025) for Water Year 2010

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1											.20	
2												
3												
4												
5												
6					.35	.04						
7			.83		.16	.71					.20	
8												
9						.08						
10												
11												
12			.04									
13			.16	.04								
14												
15												
16												
17											.12	
18				.12								
19				.94								
20				.04	.51							
21				2.84	.08							
22			.04	.16	.08		.04				.04	
23										.23		
24												
25										.08		
26	----											
27					.35							
28					.20							
29					----							
30					----							
31		----			----		----		----			----
SUM	0.00	0.00	1.06	4.14	1.73	0.83	0.04	0.00	0.00	0.31	0.55	0.00
ACC	0.00	0.00	1.06	5.20	6.93	7.76	7.80	7.79	7.79	8.11	8.66	8.66
MAX	0.00	0.00	0.83	2.84	0.51	0.71	0.04	0.00	0.00	0.23	0.20	0.00
NO.	0	0	4	6	7	3	1	0	0	2	4	0
											Maximum Daily Rainfall	2.84
											Maximum Monthly Rainfall	4.14
											Total Annual Rainfall	8.66
											Number of Days with Rain	27

Notes:

Annual rainfall in millimeters: 220
Gage 7025 down from 10/25 14:52 (0) through 10/27 15:14 (0) due to data collision; no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Sols Tributary @ US 93 (gage # 7025) for Water Year 2008

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			.08									
2												
3					.28							
4	.08				.08					.39		
5				.04								
6				.04								
7			.28	.63								
8			.04									
9											.12	.51
10										.39		.04
11										.08		.04
12												
13												
14											.04	
15												
16						.31						
17											.24	
18												
19												
20					.16					.16		
21												
22					.35							
23								.47				
24								.12				
25											1.93	
26											.12	
27				.94								
28				.04								
29												
30		1.30			----						.35	
31		----			----		----		----		.12	----
SUM	0.08	1.30	0.39	1.69	0.87	0.31	0.00	0.59	0.00	1.02	2.91	0.59
ACC	0.08	1.38	1.77	3.46	4.33	4.65	4.65	5.24	5.24	6.26	9.17	9.76
MAX	0.08	1.30	0.28	0.94	0.35	0.31	0.00	0.47	0.00	0.39	1.93	0.51
NO.	1	1	3	5	4	1	0	2	0	4	7	3
											Maximum Daily Rainfall	1.93
											Maximum Monthly Rainfall	2.91
											Total Annual Rainfall	9.76
											Number of Days with Rain	31

Notes:

Annual rainfall in millimeters: 248

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Sols Trib. @ US 93 (gage # 7025) for Water Year 2007

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1					.04						.08	
2												
3												
4												
5								----				
6								----				
7								----				
8												
9												
10												
11												
12												
13	.08											
14	.39											
15												
16												
17												
18												
19				.20	.63							
20				.04								
21												
22			.04			.79				.51		.59
23						.16						.04
24						.08						
25										.71		
26												
27												
28			.08							.35		
29												
30				.04	----							
31		----		.35	----		----		----	.79	.04	----
SUM	0.47	0.00	0.12	0.63	0.67	1.02	0.00	0.00	0.00	2.36	0.12	0.63
ACC	0.47	0.47	0.59	1.22	1.89	2.91	2.91	2.91	2.91	5.28	5.39	6.02
MAX	0.39	0.00	0.08	0.35	0.63	0.79	0.00	0.00	0.00	0.79	0.08	0.59
NO.	2	0	2	4	2	3	0	0	0	4	2	2
										Maximum Daily Rainfall		0.79
										Maximum Monthly Rainfall		2.36
										Total Annual Rainfall		6.02
										Number of Days with Rain		21

Notes:

Annual rainfall in millimeters: 153

Total down-time: 3.89 days

Gage 7025 down from 5/04 12:27 (74) through 5/08 09:45 (74) due to programming error; no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Sols Trib. @ US 93 (gage # 7025) for Water Year 2006

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep		
1														
2												.31		
3														
4														
5							.04							
6										.20				
7									.35	.16				
8												.16		
9											.24	1.10		
10														
11		.04				.16					1.89			
12						.08					.20	.31		
13												.08		
14														
15											.20			
16											.08			
17														
18	.63													
19						.20								
20						.04								
21						.20								
22														
23														
24											.20			
25										.83				
26										.04				
27														
28							.08			.24				
29					----	.04			.28					
30					----									
31		----			----		----		----			----		
SUM	0.63	0.04	0.00	0.00	0.00	0.71	0.12	0.00	0.63	1.46	2.80	1.97		
ACC	0.63	0.67	0.67	0.67	0.67	1.38	1.50	1.50	2.13	3.58	6.38	8.35		
MAX	0.63	0.04	0.00	0.00	0.00	0.20	0.08	0.00	0.35	0.83	1.89	1.10		
NO.	1	1	0	0	0	6	2	0	2	5	6	5		
												Maximum Daily Rainfall	1.89	
													Maximum Monthly Rainfall	2.80
													Total Annual Rainfall	8.35
													Number of Days with Rain	28

Notes:

Annual rainfall in millimeters: 212

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Sols Trib. @ US 93 (gage # 7025) for Water Year 2005

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3				.94								
4				1.18								
5			.24			.12						
6			.20	.04	.04	.04						
7		.94			.04						.24	
8		.20				-----						
9						-----					.28	
10					.16	-----					.04	
11				.08	1.81	-----						
12		.83			.67	-----					.51	
13		.04				-----						
14												
15					.04							
16												
17					.04							
18					.31							
19					.43	.51						
20					.08							
21	1.73	.83			.08					.28		
22		1.30			.59					.12		
23					.20		.16			1.26		
24							.12			.08		
25	.04									.04		
26				.31								
27	.31											
28	.98		.24									
29			1.02	.28	-----							
30				.04	-----					.31		
31		-----			-----		-----		-----	.04		-----
SUM	3.07	4.13	1.69	2.87	4.49	0.67	0.28	0.00	0.00	2.13	1.06	0.00
ACC	3.07	7.20	8.90	11.77	16.26	16.93	17.20	17.20	17.20	19.33	20.39	20.39
MAX	1.73	1.30	1.02	1.18	1.81	0.51	0.16	0.00	0.00	1.26	0.51	0.00
NO.	4	6	4	7	13	3	2	0	0	7	4	0
	Maximum Daily Rainfall											1.81
	Maximum Monthly Rainfall											4.49
	Total Annual Rainfall											20.39
	Number of Days with Rain											50

Notes:

Annual rainfall in millimeters: 518 Total down-time: 6.40 days
 Gage 7025 down from 3/07 22:53 (417) through 3/14 08:30 (417) due to battery failure; no rain fell.

Flood Control District of Maricopa County ALERT System
 Daily Rainfall at Sols Trib. @ US 93 (gage # 7025) for Water Year 2004

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2							1.42					
3				.04	.04	.04	.04					
4						.39						
5												
6												
7							.12					
8												
9												
10												
11		.04	.35								.31	
12		.71	.04						.16			
13		.04										
14									.20			
15											.04	
16									.16			
17											.04	
18											.04	
19					.04							.31
20												
21												
22				.04	.16							
23					.59							
24	-----				.08					.08		
25	-----									.08		
26			.04							.16		
27												
28				.16								
29												
30						-----						
31		-----				-----	-----		-----			-----
SUM	0.00	0.79	0.43	0.24	0.91	0.43	1.57	0.00	0.00	0.83	0.43	0.31
ACC	0.00	0.79	1.22	1.46	2.36	2.80	4.37	4.37	4.37	5.20	5.63	5.94
MAX	0.00	0.71	0.35	0.16	0.59	0.39	1.42	0.00	0.00	0.20	0.31	0.31
NO.	0	3	3	3	5	2	3	0	0	6	4	1
							Maximum Daily Rainfall					1.42
							Maximum Monthly Rainfall					1.57
							Total Annual Rainfall					5.94
							Number of Days with Rain					30

Notes:

Annual rainfall in millimeters: 151 Total down-time: 4.00 days
 Gage 7025 down from 10/22 23:42 (0) through 10/26 23:42 (0) for unknown reason; no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Sols Tributary @ US 93 (gage # 7025) for Water Year 2003

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1						.20					.59	
2												
3												
4						.04						.71
5												
6												
7												
8				.24								
9												
10												.04
11												
12					.43				-----			
13					1.93				-----		.16	
14					.67						1.54	
15						.20	.12				.12	
16						.51						
17						.08						
18							.04					
19											.08	
20			.04									
21												
22												
23			.12									
24										.04		
25					.94							
26	.51				.24							
27	.16				.04						.79	
28					.04					.04		
29		.28			-----					.04		
30		.12			-----					.08		
31		-----			-----		-----		-----			-----
SUM	0.67	0.39	0.16	0.24	4.29	1.02	0.16	0.00	0.00	0.20	3.27	0.75
ACC	0.67	1.06	1.22	1.46	5.75	6.77	6.93	6.93	6.93	7.13	10.39	11.14
MAX	0.51	0.28	0.12	0.24	1.93	0.51	0.12	0.00	0.00	0.08	1.54	0.71
NO.	2	2	2	1	7	5	2	0	0	4	6	2
							Maximum Daily Rainfall					1.93
							Maximum Monthly Rainfall					4.29
							Total Annual Rainfall					11.14
							Number of Days with Rain					33

Notes:

Total annual rainfall in millimeters: 283
 Total down-time: 2.75 days
 Gage 7025 down from 6/11 22:01 (176) through 6/14 16:01 (176) for unknown reason; no rain fell.

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Sols Tributary @ US 93 (gage # 7025) for Water Year 2002

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4		.08	.24									
5		.16									.04	
6	.24						.35					.43
7	.94											.91
8	.04											.08
9										.51		
10												
11												.04
12										.12		
13										.31		
14			.08							.31		
15										.08		
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					-----							
30					-----							
31		-----			-----		-----		-----			-----
SUM	1.22	0.24	0.31	0.00	0.00	0.00	0.35	0.00	0.00	1.34	0.04	1.46
ACC	1.22	1.46	1.77	1.77	1.77	1.77	2.13	2.13	2.13	3.46	3.50	4.96
MAX	0.94	0.16	0.24	0.00	0.00	0.00	0.35	0.00	0.00	0.51	0.04	0.91
NO.	3	2	2	0	0	0	1	0	0	5	1	4
							Maximum Daily Rainfall					0.94
							Maximum Monthly Rainfall					1.46
							Total Annual Rainfall					4.96
							Number of Days with Rain					18

Notes:

Total annual rainfall in millimeters: 126

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Flores West (gage # 7025) for Water Year 2000

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1											.12	
2				.16								
3												
4											.51	
5						.79						
6						.24						
7						.04					.12	
8											.04	
9												
10												
11												
12											.63	
13											.08	
14												
15											.08	----
16												----
17												
18												
19												
20									.08			
21					.55				.08			
22									.04			
23									.20			
24					.04							
25											.43	
26												
27											.79	
28						.04						
29									.04		2.32	
30					----							
31		----			----	.08	----		----			----
SUM	0.00	0.00	0.00	0.16	0.59	1.18	0.00	0.00	0.43	0.00	5.12	0.00
ACC	0.00	0.00	0.00	0.16	0.75	1.93	1.93	1.93	2.36	2.36	7.48	7.48
MAX	0.00	0.00	0.00	0.16	0.55	0.79	0.00	0.00	0.20	0.00	2.32	0.00
NO.	0	0	0	1	2	5	0	0	5	0	10	0
											Maximum Daily Rainfall	2.32
											Maximum Monthly Rainfall	5.12
											Total Annual Rainfall	7.48
											Number of Days with Rain	23

Notes:

Annual rainfall in millimeters: 190
 Total down-time: 3.0 days
 Gage 7025 down from 9/14 20:40 (190) through 9/17 20:41 (190) due to transmitter failure, no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Flores West (gage # 7025) for Water Year 1999

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1							.16					
2							.87		.35			
3												
4					.28		.12					
5					.04							
6			.16							.35		
7												
8		.08										
9												
10										.71		
11										.08		.08
12												
13							.04					
14										.31		.04
15									1.10			
16						.24						.35
17						.28						.04
18										1.93	.24	
19												.39
20												
21												
22												
23											.04	.63
24												
25				.04						.35		
26												
27										.20		
28		.63									.04	
29		.04										
30	1.89										.16	
31												
SUM	1.89	0.75	0.16	0.04	0.31	0.51	1.18	0.00	0.35	5.04	0.47	1.54
ACC	1.89	2.64	2.80	2.83	3.15	3.66	4.84	4.84	5.20	10.24	10.71	12.24
MAX	1.89	0.63	0.16	0.04	0.28	0.28	0.87	0.00	0.35	1.93	0.24	0.63
NO.	1	3	1	1	2	2	4	0	1	8	4	6
	Maximum Daily Rainfall											1.93
	Maximum Monthly Rainfall											5.04
	Total Annual Rainfall											12.24
	Number of Days with Rain											33

Notes:

Annual rainfall in millimeters: 311

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Flores West (gage # 7025) for Water Year 1997

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												.24
2											.12	
3				.04			.63				.04	
4							.28					
5												.08
6												.04
7											.31	
8											.35	
9											.04	
10			.04									
11												.04
12				.08								
13				.63								
14												
15												.04
16												
17												
18												
19												
20												
21												
22		.04										
23												
24												
25												1.34
26		.04		.24								2.56
27				.12	.47						.12	
28					.08							
29											.12	
30												
31												
SUM	0.00	0.08	0.04	1.10	0.55	0.00	0.91	0.00	0.00	0.00	1.10	4.33
ACC	0.00	0.08	0.12	1.22	1.77	1.77	2.68	2.68	2.68	2.68	3.78	8.11
MAX	0.00	0.04	0.04	0.63	0.47	0.00	0.63	0.00	0.00	0.00	0.35	2.56
NO.	0	2	1	5	2	0	2	0	0	0	7	7
							Maximum Daily Rainfall					2.56
							Maximum Monthly Rainfall					4.33
							Total Annual Rainfall					8.11
							Number of Days with Rain					26

Notes:

Annual rainfall in millimeters: 206

Total down-time: 0 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Flores West (gage # 7025) for Water Year 1996

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		.31			.31							
2											.20	
3										.08		
4												
5												.63
6												
7												
8												
9												
10												.28
11										.16		.35
12												
13						.31						.04
14						.12				1.57		
15												
16												
17												
18												
19												
20												
21												
22					.08							
23												
24											.08	
25					.24					.31		
26					.04							
27					.16					.63		
28										.12		
29												
30												
31										.04		
SUM	0.00	0.31	0.00	0.00	0.83	0.43	0.00	0.00	0.00	2.91	0.28	1.30
ACC	0.00	0.31	0.31	0.31	1.14	1.57	1.57	1.57	1.57	4.49	4.76	6.06
MAX	0.00	0.31	0.00	0.00	0.31	0.31	0.00	0.00	0.00	1.57	0.20	0.63
NO.	0	1	0	0	5	2	0	0	0	7	2	4
										Maximum Daily Rainfall		1.57
										Maximum Monthly Rainfall		2.91
										Total Annual Rainfall		6.06
										Number of Days with Rain		21

Notes:

Annual Rainfall in mm: 154

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Flores West (gage # 7025) for Water Year 1995

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP		
1														
2														
3														
4														
5														
6														
7														
8														
9														
10														
11														
12														
13														
14										0.12	0.24			
15														
16												0.08		
17											0.04			
18														
19														
20														
21											0.08			
22														
23											0.04			
24											0.08			
25														
26											0.04			
27														
28												0.04		
29									0.08					
30														
31														
SUM	----	----	----	----	----	----	----	0.00	0.08	0.12	0.51	0.12		
ACC	----	----	----	----	----	----	----	0.00	0.08	0.20	0.71	0.83		
MAX	----	----	----	----	----	----	----	0.00	0.08	0.12	0.24	0.08		
NO.	----	----	----	----	----	----	----	0	1	1	6	2		
												Maximum Daily Rainfall	0.24	
													Maximum Monthly Rainfall	0.51
													Partial Annual Rainfall	0.83
													Number of Days with Rain	10

Notes:

Gage installed 5/02/95.
Partial annual rainfall in mm: 21