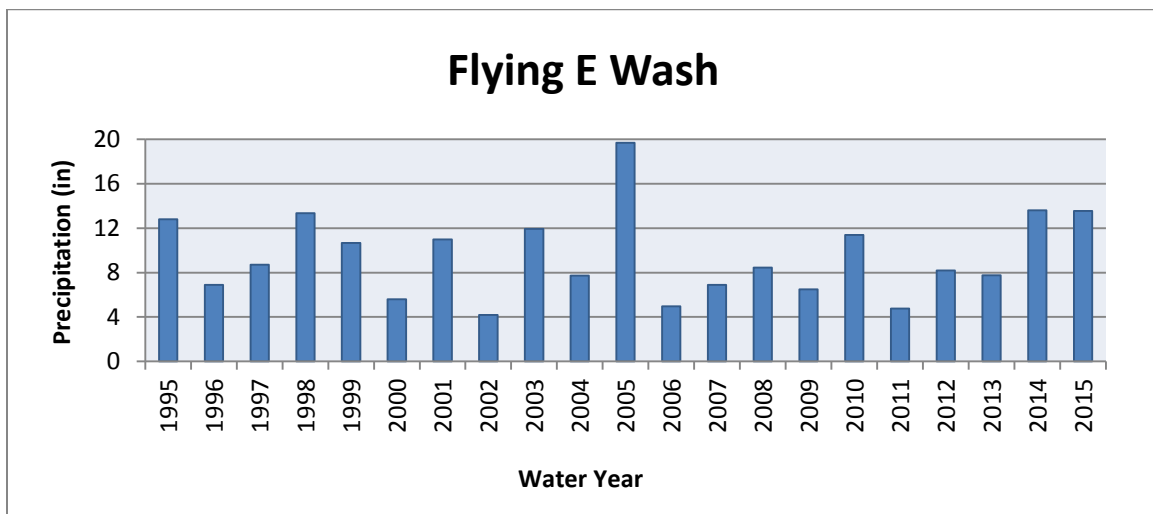




Station Name: Flying E Wash

Station ID Number History:	7080 since 07/12/1994
Station Type:	Rain / Stream
Data Begins:	07/12/1994
Years Since Installation:	21.22 (as of 10/01/15)
Data Repeater:	Yarnell Hill
County:	Maricopa
Latitude:	33° 57' 44.0" (33.96223)
Longitude:	112° 46' 58.5" (112.78291)
Elevation:	2,305 ft. msl
Location:	On US 60 bridge, 3 mi. west of US 60 / US 93 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:	60	
Number of storms greater than 2 inches in 24 hours:	7	
Number of storms greater than 3 inches in 24 hours:	2	
		Approx. Tr
Greatest 15 minute total:	1.26" on 07/18/15	34 years
Greatest 1 hour total:	3.19" on 07/18/15	526 years
Greatest 3 hour total:	3.98" on 07/18/15	590 years
Greatest 6 hour total:	4.02" on 07/18/15	322 years
Greatest 24 hour total:	4.09" on 07/18/15	56 years
Greatest 72 hour total:	4.88" on 01/21/10	70 years

Water Year Totals: (Mean of Complete Water Years [21] = 9.45 inches)

Water Year	Total	Water Year	Total	Water Year	Total
2020		2010	11.38	2000	5.59
2019		2009	6.50	1999	10.67
2018		2008	8.46	1998	13.35
2017		2007	6.89	1997	8.70
2016		2006	4.96	1996	6.89
2015	13.54	2005	19.69	1995	12.80
2014	13.62	2004	7.72	1994	M
2013	7.76	2003	11.93	1993	
2012	8.19	2002	4.17	1992	
2011	4.76	2001	10.98	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 Flying E Wash (gage # 7080) for Water Year 2012

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1			.04										
2			.04										
3													
4	.04	.28								.43			
5		.08											
6		.04										.12	
7		.24											
8													
9													
10												.12	
11												.04	
12			.59										
13		.08	.67										
14			.08							2.20			
15													
16													
17			.04										
18			.12			1.10							
19													
20													
21										.43	.08		
22										.28	.04		
23											.75		
24											.12		
25													
26							.04			----			
27										----			
28													
29										.08			
30					----					.04			
31		----			----		----		----			----	
SUM	0.04	0.71	1.57	0.00	0.00	1.10	0.04	0.00	0.00	3.46	0.98	0.28	
ACC	0.04	0.75	2.32	2.32	2.32	3.43	3.46	3.46	3.46	6.93	7.91	8.19	
MAX	0.04	0.28	0.67	0.00	0.00	1.10	0.04	0.00	0.00	2.20	0.75	0.12	
NO.	1	5	7	0	0	1	1	0	0	6	4	3	
												Maximum Daily Rainfall	2.20
												Maximum Monthly Rainfall	3.46
												Total Annual Rainfall	8.19
												Number of Days with Rain	28

Gage 7080 down from 7/26 09:46 (173) through 7/28 15:46 (173) due to repeater failure; no rain fell.

Flood Control District of Maricopa County ALERT System
 Daily Rainfall at Flying E Wash (gage # 7080) for Water Year 2011

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3										.08		
4	.16											
5	.31											.16
6												.04
7												
8							.08					
9							.28					
10												
11												.04
12												
13												
14												
15												
16			.08									
17												
18												
19	.04				.55							
20	.12				.12							
21		.04				.31						
22			1.22									
23			.04									
24												
25												
26					.28						.08	
27					.16							
28												
29			.31		----					.04		
30					----					.24		
31		----			----		----		----			----
SUM	0.63	0.04	1.65	0.00	1.10	0.31	0.35	0.00	0.00	0.35	0.08	0.24
ACC	0.63	0.67	2.32	2.32	3.43	3.74	4.09	4.09	4.09	4.45	4.53	4.76
MAX	0.31	0.04	1.22	0.00	0.55	0.31	0.28	0.00	0.00	0.24	0.08	0.16
NO.	4	1	4	0	4	1	2	0	0	3	1	3
							Maximum Daily Rainfall					1.22
							Maximum Monthly Rainfall					1.65
							Total Annual Rainfall					4.76
							Number of Days with Rain					23

Annual Total (mm): 121

Days Down: 0

Flood Control District of Maricopa County ALERT System Daily Rainfall at Flying E Wash (gage # 7080) for Water Year 2010

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1											.31	
2												
3												
4												
5												
6					.12	.04						
7			1.54		.24	.75					.12	
8						.12						
9						.08						
10												
11												
12												
13			.12									
14												
15												
16												
17											.16	
18				.16							.04	
19				1.18								
20				.08	.47							
21				3.58	.28							
22			.04		.08						.47	
23										.59	.04	
24												
25												
26												
27					.31							
28					.35							
29					----					.12		
30					----							
31		----			----		----		----			----
SUM	0.00	0.00	1.69	5.00	1.85	0.98	0.00	0.00	0.00	0.71	1.14	0.00
ACC	0.00	0.00	1.69	6.69	8.54	9.53	9.53	9.53	9.53	10.24	11.38	11.38
MAX	0.00	0.00	1.54	3.58	0.47	0.75	0.00	0.00	0.00	0.59	0.47	0.00
NO.	0	0	3	4	7	4	0	0	0	2	6	0

Maximum Daily Rainfall	3.58
Maximum Monthly Rainfall	5.00
Total Annual Rainfall	11.38
Number of Days with Rain	26

Notes:

Annual rainfall in millimeters: 289

Flood Control District of Maricopa County ALERT System
 Daily Rainfall at Flying E Wash (gage # 7080) for Water Year 2009

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep		
1									----					
2										.08				
3										.20				
4												.16		
5												.12		
6														
7					.24									
8			.08		.08									
9					.43									
10														
11							.63							
12					----									
13					----						.04			
14			.04		----									
15			.08		----									
16			.47		----									
17			.91		.04									
18														
19														
20														
21								.04		.20	.08			
22								.08		.08				
23														
24										.12				
25			.87							.28				
26		.24												
27		.94												
28														
29					----									
30					----									
31		----			----		----		----			----		
SUM	0.00	1.18	2.44	0.00	0.79	0.00	0.63	0.12	0.00	0.94	0.12	0.28		
ACC	0.00	1.18	3.62	3.62	4.41	4.41	5.04	5.16	5.16	6.10	6.22	6.50		
MAX	0.00	0.94	0.91	0.00	0.43	0.00	0.63	0.08	0.00	0.28	0.08	0.16		
NO.	0	2	6	0	4	0	1	2	0	6	2	2		
												Maximum Daily Rainfall	0.94	
													Maximum Monthly Rainfall	2.44
													Total Annual Rainfall	6.50
													Number of Days with Rain	25

Notes:

Annual rainfall in millimeters: 165 Total down-time: 7.13 days
 Gage 7080 down from 2/11 21:24 (111) through 2/17 00:26 (112) due to data collision; assigned 1mm to 2/17.
 Gage 7080 down from 5/31 22:43 (131) through 6/02 22:43 (131) due to data collision; no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Flying E Wash (gage # 7080) for Water Year 2006

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1													
2												.08	
3													
4													
5													
6													
7									.08			.08	
8												.12	
9											.51	.31	
10													
11		.04				.28					1.10		
12						.04					.16		
13													
14												.04	
15										.24			
16										.04			
17	.04												
18	.24												
19						.08							
20						.04							
21						.12							
22													
23													
24											.47		
25										.55			
26	----									.08			
27													
28							.04						
29					----								
30					----				.04				
31		----			----		----		----		.16	----	
SUM	0.28	0.04	0.00	0.00	0.00	0.55	0.04	0.00	0.12	0.91	2.40	0.63	
ACC	0.28	0.31	0.31	0.31	0.31	0.87	0.91	0.91	1.02	1.93	4.33	4.96	
MAX	0.24	0.04	0.00	0.00	0.00	0.28	0.04	0.00	0.08	0.55	1.10	0.31	
NO.	2	1	0	0	0	5	1	0	2	4	5	5	
												Maximum Daily Rainfall	1.10
												Maximum Monthly Rainfall	2.40
												Total Annual Rainfall	4.96
												Number of Days with Rain	25

Notes:

Annual rainfall in millimeters: 126

Total down-time: 1.55 days

Gage 7080 down from 10/25 20:55 (7) through 10/27 10:12 (7) due to programming error; no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Flying E Wash (gage # 7080) for Water Year 2004

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2						.04	1.54					
3				.04	.04	.04						
4						.04						
5						.04						
6												
7												
8												
9												
10	.04											
11			.35								.24	
12		1.22	.04						.12			
13												
14									.08			
15										2.05		
16									.12			
17									.04			
18										.16	.04	
19												.24
20												
21				.04								
22				.04	.08							
23					.63							
24					.08							
25												
26			.08						.12			
27									.08			
28												
29												
30												
31												
SUM	0.04	1.22	0.47	0.12	0.83	0.16	1.54	0.00	0.00	0.55	2.44	0.28
ACC	0.04	1.26	1.73	1.89	2.72	2.87	4.45	4.45	4.45	5.00	7.44	7.72
MAX	0.04	1.22	0.35	0.04	0.63	0.04	1.54	0.00	0.00	0.12	2.05	0.24
NO.	1	1	3	3	4	4	1	0	0	6	3	2
											Maximum Daily Rainfall	2.05
											Maximum Monthly Rainfall	2.44
											Total Annual Rainfall	7.72
											Number of Days with Rain	28

Notes:

Annual rainfall in millimeters: 196

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
 Daily Rainfall at Flying E Wash (gage # 7080) for Water Year 2003

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1						.08					.35		
2													
3													
4												1.54	
5													
6												.08	
7													
8				.24									
9												.04	
10													
11													
12					.35								
13					1.54						.08		
14					.39						.75		
15						.12	.16				.16		
16						.79							
17						.20							
18													
19											.28		
20			.04	.08									
21													
22													
23			.04								.04		
24										.04			
25					1.34								
26	.94				.20								
27	.28										.71		
28					.04					.35			
29		.28			-----								
30		.31			-----					.12			
31		-----			-----		-----		-----			-----	
SUM	1.22	0.59	0.08	0.31	3.86	1.18	0.16	0.00	0.00	0.51	2.36	1.65	
ACC	1.22	1.81	1.89	2.20	6.06	7.24	7.40	7.40	7.40	7.91	10.28	11.93	
MAX	0.94	0.31	0.04	0.24	1.54	0.79	0.16	0.00	0.00	0.35	0.75	1.54	
NO.	2	2	2	2	6	4	1	0	0	3	7	3	
												Maximum Daily Rainfall	1.54
												Maximum Monthly Rainfall	3.86
												Total Annual Rainfall	11.93
												Number of Days with Rain	32

Notes:

Total annual rainfall in millimeters: 303

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
 Daily Rainfall at Flying E Wash (gage # 7080) for Water Year 2002

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3											.04	
4		.08	.35								.12	
5		.12	.04									
6	.28						.08					.43
7	.12											.55
8												.98
9										.31		
10												.08
11												
12												
13												
14			.04							.55		
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27			-----									
28			-----									
29			-----									
30			-----		-----							
31		-----			-----		-----		-----			-----
SUM	0.39	0.20	0.43	0.00	0.00	0.00	0.08	0.00	0.00	0.87	0.16	2.05
ACC	0.39	0.59	1.02	1.02	1.02	1.02	1.10	1.10	1.10	1.97	2.13	4.17
MAX	0.28	0.12	0.35	0.00	0.00	0.00	0.08	0.00	0.00	0.55	0.12	0.98
NO.	2	2	3	0	0	0	1	0	0	2	2	4
										Maximum Daily Rainfall		0.98
										Maximum Monthly Rainfall		2.05
										Total Annual Rainfall		4.17
										Number of Days with Rain		16

Notes:

Total annual rainfall in millimeters: 106 Total down-time: 4.66 days
 Gage 7080 down from 12/26 17:17 (26) through 12/31 09:09 (26) due to battery failure; no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Flying E Wash (gauge # 7080) for Water Year 2001

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1				----		.08					.71	
2				----								
3												
4		.12									----	
5											----	
6		.04				.04				1.85		
7						1.10						
8				.20								
9				.20		.04					.04	
10	.16					.04	.16				.12	
11												
12				.35								
13					.20						.43	
14					.12							
15				.20								
16				.08	.04							
17												
18												
19												
20											.04	
21	1.34						.12					
22	.55											
23	.08											
24												
25					.04							
26					.20							
27	1.42			.24	.28							
28	.04			.16	.20							
29					----							
30					----							
31		----			----		----		----			----
SUM	3.58	0.16	0.00	1.42	1.06	1.30	0.28	0.00	0.00	1.85	1.34	0.00
ACC	3.58	3.74	3.74	5.16	6.22	7.52	7.80	7.80	7.80	9.65	10.98	10.98
MAX	1.42	0.12	0.00	0.35	0.28	1.10	0.16	0.00	0.00	1.85	0.71	0.00
NO.	6	2	0	7	7	5	2	0	0	1	5	0
											Maximum Daily Rainfall	1.85
											Maximum Monthly Rainfall	3.58
											Total Annual Rainfall	10.98
											Number of Days with Rain	35

Notes:

Annual rainfall in millimeters: 279 Total down-time: 5.53 days
 Gage 7080 down from 12/31 10:14 (95) through 1/03 09:08 (95) due to programming error; no rain fell.
 Gage 7080 down from 8/03 21:36 (309) through 8/06 11:25 (309) due to battery failure; no rain fell.

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Flying E Wash (gage # 7080) for Water Year 1999

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1							.12					
2							1.02		.43			
3												----
4					.39		.24				.04	----
5					.04							----
6			.16							.12		----
7												
8										.20		
9										.08		
10										.35		
11										.04		.20
12												.24
13												
14												.47
15										1.54		.04
16						.04						.12
17						.20						
18												.08
19				----							.08	.39
20				----								
21	.04			----								
22				----								
23				----								.20
24				----								
25	.20			.08						.08		
26	.35											
27										.16	.04	
28		.51								.04	.39	
29					----					.04	.04	
30	.24				----						.08	
31		----			----		----		----		1.50	----
SUM	0.83	0.51	0.16	0.08	0.43	0.24	1.38	0.00	0.43	2.60	2.17	1.73
ACC	0.83	1.34	1.61	1.69	2.13	2.36	3.74	3.74	4.17	6.77	8.94	10.67
MAX	0.35	0.51	0.16	0.08	0.39	0.20	1.02	0.00	0.43	1.54	1.50	0.47
NO.	4	1	1	1	2	2	3	0	1	9	7	8
	Maximum Daily Rainfall											1.54
	Maximum Monthly Rainfall											2.60
	Total Annual Rainfall											10.67
	Number of Days with Rain											39

Notes:

Annual rainfall in millimeters: 271 Total down-time: 11.91 days
 Gage 7080 down 1/18 21:42 (41) through 1/25 19:55 (42) due to transmitter failure; assigned 1mm to 1/25.
 Gage 7080 down from 9/02 11:31 (227) through 9/07 11:04 (227) due to transmitter failure; no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Flying E Wash (gage # 7080) for Water Year 1998

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1							.24					.08	
2													
3				.28	.24								
4				.04	.63							.59	
5													
6			.31		.04								
7			.55		.04						1.02		
8					.75						.35		
9				.08	.43							.04	
10				.51								.04	
11													
12							.16				1.18		
13		.16						.12			.28		
14		.08			.24	.04							
15					.24								
16											.04		
17					.87	.12					.16		
18													
19										.35			
20					.24					.04			
21			.59							.24			
22			.39										
23													
24					.35						.24		
25													
26						.39							
27													
28					----	.35				.04			
29					----								
30					----								
31		----			----		----		----		.20	----	
SUM	0.00	0.24	1.85	0.91	4.06	0.91	0.39	0.12	0.00	0.67	3.46	0.75	
ACC	0.00	0.24	2.09	2.99	7.05	7.95	8.35	8.46	8.46	9.13	12.60	13.35	
MAX	0.00	0.16	0.59	0.51	0.87	0.39	0.24	0.12	0.00	0.35	1.18	0.59	
NO.	0	2	4	4	11	4	2	1	0	4	8	4	
												Maximum Daily Rainfall	1.18
												Maximum Monthly Rainfall	4.06
												Total Annual Rainfall	13.35
												Number of Days with Rain	44

Notes:

Annual rainfall in millimeters: 339

Total down-time: 0 days

Flood Control District of Maricopa County ALERT System
 Daily Rainfall at Flying E Wash (gage # 7080) for Water Year 1997

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												.24
2											.04	
3							.67				.04	
4							.24					
5											.20	.63
6												
7												
8											.59	
9											.08	
10												
11												.20
12				.04								
13				.83								
14	.16											
15												
16												
17												
18												
19												
20								.04				
21												
22		.08									.08	
23												
24												
25												1.42
26				.16								1.57
27				.04	.67							
28					.16							
29											.08	
30											.47	
31												
SUM	0.16	0.08	0.00	1.06	0.83	0.00	0.91	0.04	0.00	0.08	1.50	4.06
ACC	0.16	0.24	0.24	1.30	2.13	2.13	3.03	3.07	3.07	3.15	4.65	8.70
MAX	0.16	0.08	0.00	0.83	0.67	0.00	0.67	0.04	0.00	0.08	0.59	1.57
NO.	1	1	0	4	2	0	2	1	0	1	7	5
	Maximum Daily Rainfall											1.57
	Maximum Monthly Rainfall											4.06
	Total Annual Rainfall											8.70
	Number of Days with Rain											24

Notes:

Annual rainfall in millimeters: 221

Total down-time: 0 days

Flood Control District of Maricopa County ALERT System
 Daily Rainfall at Flying E Wash (gage # 7080) for Water Year 1996

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		.47			.16							
2												
3										.20		
4												
5												.67
6		.08										
7										.04		
8												
9												.04
10												2.24
11												.47
12												
13							.16					.04
14							.35					
15												
16												
17												
18												
19												.04
20												
21												
22				.08	.08							
23												
24												
25					.20					.20	.35	
26					.08							
27					.04					.59	.16	
28										.08	.08	
29												
30												
31												
SUM	0.00	0.55	0.00	0.08	0.55	0.51	0.00	0.00	0.00	1.10	0.59	3.50
ACC	0.00	0.55	0.55	0.63	1.18	1.69	1.69	1.69	1.69	2.80	3.39	6.89
MAX	0.00	0.47	0.00	0.08	0.20	0.35	0.00	0.00	0.00	0.59	0.35	2.24
NO.	0	2	0	1	5	2	0	0	0	5	3	6
	Maximum Daily Rainfall											2.24
	Maximum Monthly Rainfall											3.50
	Total Annual Rainfall											6.89
	Number of Days with Rain											24

Notes:

Annual Rainfall in mm: 175

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Flying E Wash (gage # 7080) for Water Year 1995

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP		
1						0.08								
2														
3				0.04										
4				0.79										
5			0.31	0.59		0.04								
6			0.04			0.24						0.04		
7														
8														
9														
10												0.04		
11		0.12		0.04		0.43								
12		0.08		0.04							0.24			
13					0.04									
14					2.09					0.47	1.57			
15					0.08									
16								0.08				0.04		
17				0.28										
18								0.47						
19								0.04						
20														
21					0.24						0.08			
22														
23			0.20		0.04						0.28			
24			0.12								0.12			
25			1.61	1.30							0.04			
26				0.28										
27														
28												0.08		
29			0.04						0.08					
30														
31														
SUM	0.00	0.20	2.32	3.35	2.48	0.79	0.59	0.00	0.08	0.47	2.32	0.20		
ACC	0.00	0.20	2.52	5.87	8.35	9.13	9.72	9.72	9.80	10.28	12.60	12.80		
MAX	0.00	0.12	1.61	1.30	2.09	0.43	0.47	0.00	0.08	0.47	1.57	0.08		
NO.	0	2	6	8	5	4	3	0	1	1	6	4		
													Maximum Daily Rainfall	2.09
													Maximum Monthly Rainfall	3.35
													Total Annual Rainfall	12.80
													Number of Days with Rain	40

Notes:

Annual rainfall in mm: 325

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Flying E Wash (gauge # 7080) for Water Year 1994

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1													
2												0.04	
3													
4												0.08	
5													
6											0.04		
7													
8													
9													
10												0.08	
11													
12													
13													
14													
15											0.31		
16													
17										0.31			
18										0.12			
19										0.12			
20												0.71	
21													
22													
23													
24													
25													
26													
27											0.39		
28													
29													
30													
31													
SUM										0.55	0.75	0.91	
ACC										0.55	1.30	2.20	
MAX										0.31	0.39	0.71	
NO.										3	3	4	
												Maximum Daily Rainfall	0.71
												Maximum Monthly Rainfall	0.91
												Partial Annual Rainfall	2.20
												Number of Days with Rain	10

Notes:

Partial annual rainfall in mm: 56
 Gage installed 7/12/94.