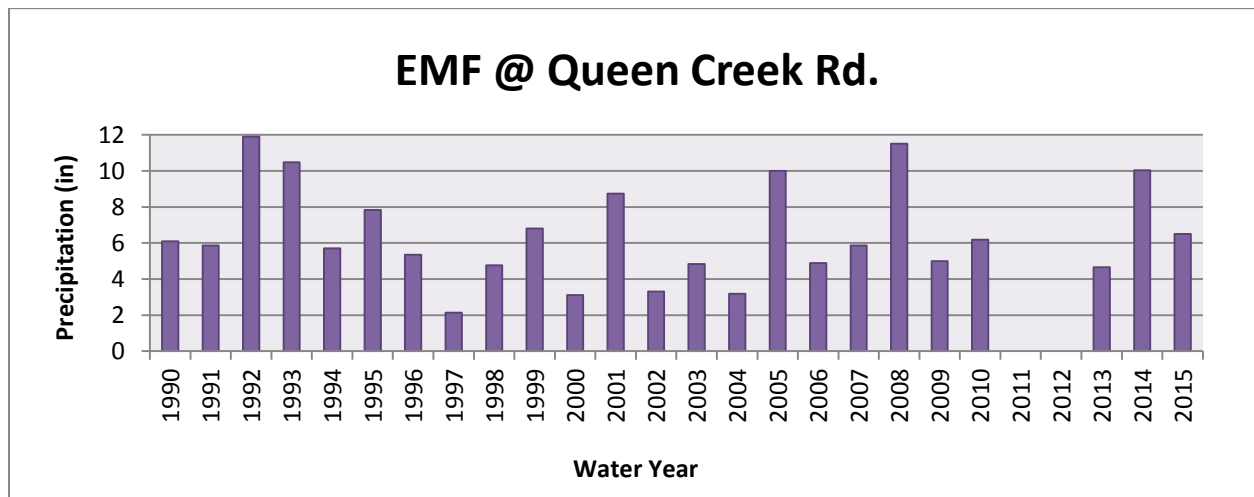




Station Name: East Maricopa Floodway @ Queen Creek Rd.

Station ID Number History:	6580 since 09/18/92 5650 from 01/18/89 – 09/18/92
Station Type:	Rain / Stream
Data Begins:	01/18/1989
Years Since Installation:	26.70 (as of 10/01/15)
Data Repeater:	Direct
County:	Maricopa
Latitude:	33° 15' 47.1" (33.26307)
Longitude:	111° 43' 32.6" (111.72572)
Elevation:	1,315 ft. msl
Location:	1/3 mi. west of Queen Creek Road and Higley Road
Data Record:	
Incomplete Months:	10/10; 01/12
Missing Months:	11/10-12/11
Remarks:	Records Fair



Data Statistics for Period of Record:

Number of storms greater than 1 inch in 24 hours:	26	
Number of storms greater than 2 inches in 24 hours:	4	
Number of storms greater than 3 inches in 24 hours:	1	
		Approx. T_r
Greatest 15 minute total:	0.91" on 08/25/08	23 years
Greatest 1 hour total:	1.81" on 07/29/99	58 years
Greatest 3 hour total:	2.05" on 09/08/14	53 years
Greatest 6 hour total:	2.91" on 09/08/14	247 years
Greatest 24 hour total:	3.31" on 09/08/14	71 years
Greatest 72 hour total:	3.35" on 09/08/14	33 years

Water Year Totals: (Mean of Complete Water Years [24] = 6.45 inches)

Water Year	Total	Water Year	Total	Water Year	Total	Water Year	Total
2020		2010	6.18	2000	3.11	1990	6.10
2019		2009	5.00	1999	6.81	1989	M
2018		2008	11.50	1998	4.76	1988	
2017		2007	5.87	1997	2.13	1987	
2016		2006	4.88	1996	5.35	1986	
2015	6.50	2005	10.00	1995	7.83	1985	
2014	10.04	2004	3.19	1994	5.71	1984	
2013	4.65	2003	4.84	1993	10.47	1983	
2012	M	2002	3.31	1992	11.85	1982	
2011	M	2001	8.74	1991	5.87	1981	

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 EMF @ Queen Creek Rd. (gage # 6580) for Water Year 2014

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1						.98					.04		
2											.04		
3													
4													
5													
6													
7													
8												3.31	
9												.04	
10													
11													
12											.04		
13											.55		
14										.12			
15													
16													
17											.12	.04	
18													
19											.20		
20			.79										
21		.16											
22		1.73											
23		.35											
24													
25											.20		
26													
27												1.30	
28												.04	
29													
30													
31													
SUM	0.00	2.24	0.79	0.00	0.00	0.98	0.00	0.00	0.00	0.12	1.18	4.72	
ACC	0.00	2.24	3.03	3.03	3.03	4.02	4.02	4.02	4.02	4.13	5.31	10.04	
MAX	0.00	1.73	0.79	0.00	0.00	0.98	0.00	0.00	0.00	0.12	0.55	3.31	
NO.	0	3	1	0	0	1	0	0	0	1	7	5	
												Maximum Daily Rainfall	3.31
												Maximum Monthly Rainfall	4.72
												Total Annual Rainfall	10.04
												Number of Days with Rain	18

Flood Control District of Maricopa County ALERT System
 Daily Rainfall at EMF @ Queen Creek Rd. (gage # 6580) for Water Year 2012

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1	----	----	----	----									
2	----	----	----	----									
3	----	----	----	----									
4	----	----	----	----						.16			
5	----	----	----	----								----	
6	----	----	----	----								----	
7	----	----	----	----								.94	
8	----	----	----	----									
9	----	----	----	----				.20					
10	----	----	----	----								.08	
11	----	----	----	----								.08	
12	----	----	----	----									
13	----	----	----	----						.04			
14	----	----	----	----						.59			
15	----	----	----	----									
16	----	----	----	----									
17	----	----	----	----							.08		
18	----	----	----	----		.79							
19	----	----	----	----		.04							
20	----	----	----	----									
21	----	----	----	----							.47		
22	----	----	----	----							.08		
23	----	----	----	----							.08		
24	----	----	----	----							.08		
25	----	----	----	----									
26	----	----	----	----			.16						
27	----	----	----	----									
28	----	----	----	----						.20			
29	----	----	----	----						.24			
30	----	----	----	----	----					.04			
31	----	----	----	----	----		----		----			----	
SUM	----	----	----	0.00	0.00	0.83	0.16	0.20	0.00	1.26	0.79	1.10	
ACC	----	----	----	0.00	0.00	0.83	0.98	1.18	1.18	2.44	3.23	4.33	
MAX	----	----	----	0.00	0.00	0.79	0.16	0.20	0.00	0.59	0.47	0.94	
NO.	----	----	----	0	0	2	1	1	0	6	5	3	
												Maximum Daily Rainfall	0.94
												Maximum Monthly Rainfall	1.26
												Partial Annual Rainfall	4.33
												Number of Days with Rain	18

Station returned to service on 01/18/2012.
 Gage 6580 down from 9/04 13:58 (82) through 9/07 07:58 (82) due to data collision; no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at EMF @ Queen Creek Rd. (gage # 6580) for Water Year 2011

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1		----	----	----	----	----	----	----	----	----	----	----
2	.24	----	----	----	----	----	----	----	----	----	----	----
3		----	----	----	----	----	----	----	----	----	----	----
4		----	----	----	----	----	----	----	----	----	----	----
5	.43	----	----	----	----	----	----	----	----	----	----	----
6		----	----	----	----	----	----	----	----	----	----	----
7		----	----	----	----	----	----	----	----	----	----	----
8		----	----	----	----	----	----	----	----	----	----	----
9		----	----	----	----	----	----	----	----	----	----	----
10		----	----	----	----	----	----	----	----	----	----	----
11		----	----	----	----	----	----	----	----	----	----	----
12		----	----	----	----	----	----	----	----	----	----	----
13		----	----	----	----	----	----	----	----	----	----	----
14		----	----	----	----	----	----	----	----	----	----	----
15		----	----	----	----	----	----	----	----	----	----	----
16		----	----	----	----	----	----	----	----	----	----	----
17		----	----	----	----	----	----	----	----	----	----	----
18		----	----	----	----	----	----	----	----	----	----	----
19		----	----	----	----	----	----	----	----	----	----	----
20		----	----	----	----	----	----	----	----	----	----	----
21	.31	----	----	----	----	----	----	----	----	----	----	----
22	----	----	----	----	----	----	----	----	----	----	----	----
23	----	----	----	----	----	----	----	----	----	----	----	----
24	----	----	----	----	----	----	----	----	----	----	----	----
25	----	----	----	----	----	----	----	----	----	----	----	----
26	----	----	----	----	----	----	----	----	----	----	----	----
27	----	----	----	----	----	----	----	----	----	----	----	----
28	----	----	----	----	----	----	----	----	----	----	----	----
29	----	----	----	----	----	----	----	----	----	----	----	----
30	----	----	----	----	----	----	----	----	----	----	----	----
31	----	----	----	----	----	----	----	----	----	----	----	----
SUM	0.98	----	----	----	----	----	----	----	----	----	----	----
ACC	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98
MAX	0.43	----	----	----	----	----	----	----	----	----	----	----
NO.	3	----	----	----	----	----	----	----	----	----	----	----
Maximum Daily Rainfall												0.43
Maximum Monthly Rainfall												0.98
Partial Annual Rainfall												0.98
Number of Days with Rain												3

Annual Total (mm): 25 Days Down: 344
Station out of service most of the water-year due to bridge construction.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at EMF @ Queen Creek (gage # 6580) 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												
9												
10												
11												
12							.04					
13					.04						.12	
14											.08	
15												
16												.04
17												
18												
19				.08	.20							
20					.04							
21							.08			2.09		
22			.24			.94						
23						.08						
24						.28						
25		----								.31	.91	
26		----										
27												
28										.08		
29					----							
30					----					.08		
31		----		.12	----		----		----			----
SUM	0.04	0.00	0.24	0.20	0.28	1.30	0.12	0.00	0.00	2.56	1.10	0.04
ACC	0.04	0.04	0.28	0.47	0.75	2.05	2.17	2.17	2.17	4.72	5.83	5.87
MAX	0.04	0.00	0.24	0.12	0.20	0.94	0.08	0.00	0.00	2.09	0.91	0.04
NO.	1	0	1	2	3	3	2	0	0	4	3	1
										Maximum Daily Rainfall		2.09
										Maximum Monthly Rainfall		2.56
										Total Annual Rainfall		5.87
										Number of Days with Rain		20

Notes:

Annual rainfall in millimeters: 149 Total down-time: 3.25 days
 Gage 6580 down from 11/24 03:33 (1) through 11/27 09:33 (1) for unknown reason; no rain fell.

Flood Control District of Maricopa County ALERT System

Daily Rainfall at EMF @ Queen Creek (gage # 6580) for Water Year 2005

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												.04
2										1.18		
3				1.18						.08		
4			.39	.43								
5			.12			.16						
6			.20			.12						
7												
8										.12		
9										.04		
10					.16							
11					.75							
12					.75							
13												
14												
15												
16												
17					.12							
18					.24					-----		
19					1.18					-----		
20										-----		
21	.24				.08					-----		
22		.16			.20							
23							.08		.16			
24				.08			.04		.16			
25												
26				.51								
27												
28	.43											
29	.04		.43		-----							
30			.04		-----					.12		
31		-----			-----		-----		-----			-----
SUM	0.71	0.16	1.18	2.20	3.46	0.28	0.12	0.00	0.31	0.12	1.42	0.04
ACC	0.71	0.87	2.05	4.25	7.72	7.99	8.11	8.11	8.43	8.54	9.96	10.00
MAX	0.43	0.16	0.43	1.18	1.18	0.16	0.08	0.00	0.16	0.12	1.18	0.04
NO.	3	1	5	4	8	2	2	0	2	1	4	1
											Maximum Daily Rainfall	1.18
											Maximum Monthly Rainfall	3.46
											Total Annual Rainfall	10.00
											Number of Days with Rain	33

Notes:

Annual rainfall in millimeters: 254 Total down-time: 4.60 days
 Gage 6580 down from 8/17 20:31 (253) through 8/22 10:51 (253) for unknown reason; no rain fell.

Flood Control District of Maricopa County ALERT System

Daily Rainfall at EMF @ Queen Creek (gage # 6580) for Water Year 2003

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep		
1											.04			
2														
3														
4														
5														
6												.04		
7														
8				.24										
9														
10														
11														
12					.08									
13					.75									
14					.47						.04			
15					.20		.12				.04			
16						.63								
17						.04								
18														
19														
20														
21														
22														
23			.51											
24												.04		
25					.24							.04		
26					.24									
27					.12						.24			
28														
29		.43			-----					.08				
30		.16			-----					.04				
31		-----			-----		-----		-----			-----		
SUM	0.00	0.59	0.51	0.24	2.09	0.67	0.12	0.00	0.00	0.12	0.35	0.12		
ACC	0.00	0.59	1.10	1.34	3.43	4.09	4.21	4.21	4.21	4.33	4.72	4.84		
MAX	0.00	0.43	0.51	0.24	0.75	0.63	0.12	0.00	0.00	0.08	0.24	0.04		
NO.	0	2	1	1	7	2	1	0	0	2	4	3		
													Maximum Daily Rainfall	0.75
													Maximum Monthly Rainfall	2.09
													Total Annual Rainfall	4.84
													Number of Days with Rain	23

Notes:

Total annual rainfall in millimeters: 123

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at EMF @ Queen Creek Rd. (gage # 6580) for Water Year 2000

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4												
5						.39						
6						1.46						
7						.28						
8												
9												
10												
11					----							
12					----						.08	
13					----							
14												
15												
16												
17											.31	
18					----						.04	
19					----							
20					----							
21					----							
22									.04			
23												
24											.16	
25												
26												
27												
28						.04			.08		.04	
29								----	.16			
30					----			----				
31		----			----	.04	----		----			----
SUM	0.00	0.00	0.00	0.00	0.00	2.20	0.00	0.00	0.28	0.00	0.63	0.00
ACC	0.00	0.00	0.00	0.00	0.00	2.20	2.20	2.20	2.48	2.48	3.11	3.11
MAX	0.00	0.00	0.00	0.00	0.00	1.46	0.00	0.00	0.16	0.00	0.31	0.00
NO.	0	0	0	0	0	5	0	0	3	0	5	0
											Maximum Daily Rainfall	1.46
											Maximum Monthly Rainfall	2.20
											Total Annual Rainfall	3.11
											Number of Days with Rain	13

Notes:

Annual rainfall in millimeters: 79 Total down-time: 11.11 days
Gage 6580 down from 2/10 22:42 (0) through 2/14 13:42 (0) due to repeater failure; no rain fell.
Gage 6580 down from 2/17 14:13 (0) through 2/22 10:44 (0) due to transmitter failure; no rain fell.
Gage 6580 down from 5/28 18:43 (56) through 5/31 09:44 (56) due to vandalism; no rain fell.

Flood Control District of Maricopa County ALERT System

Daily Rainfall at EMF @ Queen Creek (gage # 6580) for Water Year 1998

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			.20				.04					
2			.08									
3				.04								
4				.04	.20							.04
5												
6												.12
7	.04		.12									
8			.04		.31							.04
9					.24							.04
10				.08								
11		.12										
12			.04									
13												
14		.04				.12						
15					.28							
16											.12	
17					.12	.04					.16	
18					.12					.04		
19												
20					.08							
21	.04		.04									
22	.31		.08									
23												
24					.47							
25												
26						.35						
27												
28						.12					.08	
29					----	.35						
30					----							
31		----			----		----		----	----		----
SUM	0.39	0.16	0.55	0.20	1.81	0.98	0.04	0.00	0.00	0.04	0.35	0.24
ACC	0.39	0.55	1.10	1.30	3.11	4.09	4.13	4.13	4.13	4.17	4.53	4.76
MAX	0.31	0.12	0.20	0.08	0.47	0.35	0.04	0.00	0.00	0.04	0.16	0.12
NO.	3	2	6	4	8	5	1	0	0	1	3	4
							Maximum Daily Rainfall					0.47
							Maximum Monthly Rainfall					1.81
							Total Annual Rainfall					4.76
							Number of Days with Rain					37

Notes:

Annual rainfall in millimeters: 121

Total down-time: 0 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at EMF @ Queen Creek (gage # 6580) for Water Year 1997

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3							.12				.31	
4												.04
5												
6				.04								
7												
8										.08		
9										.08		
10												
11												
12												
13				.35								
14				.20							.04	
15												
16												
17							.08					
18												
19												
20								.04				
21												
22		.04										
23		.04										
24												
25												
26				.04								
27				.08								
28					.39							
29		.04										
30											.12	
31												
SUM	0.00	0.12	0.00	0.71	0.39	0.00	0.20	0.04	0.00	0.08	0.55	0.04
ACC	0.00	0.12	0.12	0.83	1.22	1.22	1.42	1.46	1.46	1.54	2.09	2.13
MAX	0.00	0.04	0.00	0.35	0.39	0.00	0.12	0.04	0.00	0.08	0.31	0.04
NO.	0	3	0	5	1	0	2	1	0	1	4	1
	Maximum Daily Rainfall											0.39
	Maximum Monthly Rainfall											0.71
	Total Annual Rainfall											2.13
	Number of Days with Rain											18

Notes:

Annual rainfall in millimeters: 54

Total down-time: 0 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at EMF @ Queen Creek (gage # 6580) for Water Year 1996

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		.55			.35							
2												.55
3												.16
4												
5		.31										
6		.20										
7										.12		
8												
9										.20		
10												.20
11												.04
12												.12
13						.20						.12
14						.12				.04		
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25					.20					1.50		
26					.12					.04		
27											.12	
28												
29												
30												
31				.08								
SUM	0.00	1.06	0.00	0.08	0.67	0.31	0.00	0.00	0.00	1.89	0.12	1.18
ACC	0.00	1.06	1.06	1.14	1.85	2.17	2.17	2.17	2.17	4.06	4.17	5.35
MAX	0.00	0.55	0.00	0.08	0.35	0.20	0.00	0.00	0.00	1.50	0.12	0.55
NO.	0	3	0	1	3	2	0	0	0	5	1	6
										Maximum Daily Rainfall		1.50
										Maximum Monthly Rainfall		1.89
										Total Annual Rainfall		5.35
										Number of Days with Rain		21

Notes:
Annual Rainfall in mm: 136

Flood Control District of Maricopa County ALERT System
 Daily Rainfall at EMF @ Queen Creek (gauge # 6580) for Water Year 1994

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP		
1														
2												0.28		
3														
4														
5														
6	0.43													
7	0.04				0.20	0.28								
8					0.51						0.04			
9														
10														
11		0.16										0.04		
12		0.47												
13		0.24												
14		0.94									0.08			
15		0.35												
16														
17										0.39				
18														
19														
20						0.04								
21														
22														
23														
24							0.04	0.16						
25				0.04		0.51		0.04						
26							0.20							
27														
28										0.24				
29														
30														
31														
SUM	0.47	2.17	0.00	0.04	0.71	0.83	0.24	0.20	0.00	0.63	0.12	0.31		
ACC	0.47	2.64	2.64	2.68	3.39	4.21	4.45	4.65	4.65	5.28	5.39	5.71		
MAX	0.43	0.94	0.00	0.04	0.51	0.51	0.20	0.16	0.00	0.39	0.08	0.28		
NO.	2	5	0	1	2	3	2	2	0	2	2	2		
												Maximum Daily Rainfall	0.94	
													Maximum Monthly Rainfall	2.17
													Total Annual Rainfall	5.71
													Number of Days with Rain	23

Notes:
 Annual rainfall in mm: 145

Flood Control District of Maricopa County ALERT System
Daily Rainfall at EMF @ Queen Creek (gage # 6580) for Water Year 1993

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3			.08	.16								
4			.47									
5			.08									
6				.24							.08	
7				.31								
8			.63	.24	.47							
9					.12							
10					.24							
11				.94						.31		
12				.16								
13				.08								
14				.08	.20							
15					.08			.08				
16				.12								
17				.12								
18			.08	.28								
19			.04		.16						.55	
20											.08	
21												
22												
23												
24	.08										.12	
25	.04											
26						.35						
27			.08			.31					.83	
28	.04		.67		.28	.12						
29					-----	.16					.83	
30					-----						.12	
31		-----			-----		-----		-----			-----
SUM	0.16	0.00	2.13	2.72	1.54	0.94	0.00	0.08	0.00	0.31	2.60	0.00
ACC	0.16	0.16	2.28	5.00	6.54	7.48	7.48	7.56	7.56	7.87	10.47	10.47
MAX	0.08	0.00	0.67	0.94	0.47	0.35	0.00	0.08	0.00	0.31	0.83	0.00
NO.	3	0	8	11	7	4	0	1	0	1	7	0
							Maximum Daily Rainfall					0.94
							Maximum Monthly Rainfall					2.72
							Total Annual Rainfall					10.47
							Number of Days with Rain					42

Flood Control District of Maricopa County ALERT System
Daily Rainfall at EMF @ Queen Creek (gage # 6580) for Water Year 1992

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1							.28				.12	
2				.08		.20						
3				.43		.16						
4												
5				.20				.35			.08	
6				.47							.83	
7					.63				.04		.08	
8					.04	.24						
9						.63						
10		.20	.28		.04					.20		
11					.04						.16	
12											.04	
13					.31							
14												
15												
16					.08							
17												
18			.35									
19			.47									
20			.12	.12				.08				
21						.20		.16				
22											.35	
23								.16			.28	
24										1.10		
25												
26												
27	.55					.75						
28						.08						
29										.31		
30		.47	.04		----	.08						
31		----			----		----		----			----
SUM	0.55	0.67	1.26	1.30	1.14	2.32	0.28	0.75	0.04	1.61	1.93	0.00
ACC	0.55	1.22	2.48	3.78	4.92	7.24	7.52	8.27	8.31	9.92	11.85	11.85
MAX	0.55	0.47	0.47	0.47	0.63	0.75	0.28	0.35	0.04	1.10	0.83	0.00
NO.	1	2	5	5	6	8	1	4	1	3	8	0
							Maximum Daily Rainfall					1.10
							Maximum Monthly Rainfall					2.32
							Total Annual Rainfall					11.85
							Number of Days with Rain					44

Flood Control District of Maricopa County ALERT System
Daily Rainfall at EMF @ Queen Creek (gage # 6580) for Water Year 1990

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1					.63		.04					
2				.31								.04
3												
4	.08											
5				.04								
6											.08	
7												
8					.12					.24		
9					.04							
10						.16			.08	.08		
11						.04				.04		
12						.08					.20	
13											.04	
14					.08						.04	
15				.08						.04	.31	
16											.28	
17				.67								
18				.08								
19					.24							
20												
21	.12	.08										.04
22												
23												.04
24							.35			.16		
25												
26												
27												
28						.31		.04				
29			.63		-----			.08				
30					-----							
31		-----			-----	.08	-----		-----			-----
SUM	0.20	0.08	0.63	1.18	1.10	0.67	0.39	0.12	0.08	0.55	0.94	0.12
ACC	0.20	0.28	0.91	2.09	3.19	3.86	4.25	4.37	4.45	5.00	5.94	6.10
MAX	0.12	0.08	0.63	0.67	0.63	0.31	0.35	0.08	0.08	0.24	0.31	0.04
NO.	2	1	1	5	5	5	2	2	1	5	6	3
							Maximum Daily Rainfall					0.67
							Maximum Monthly Rainfall					1.18
							Total Annual Rainfall					6.10
							Number of Days with Rain					38

