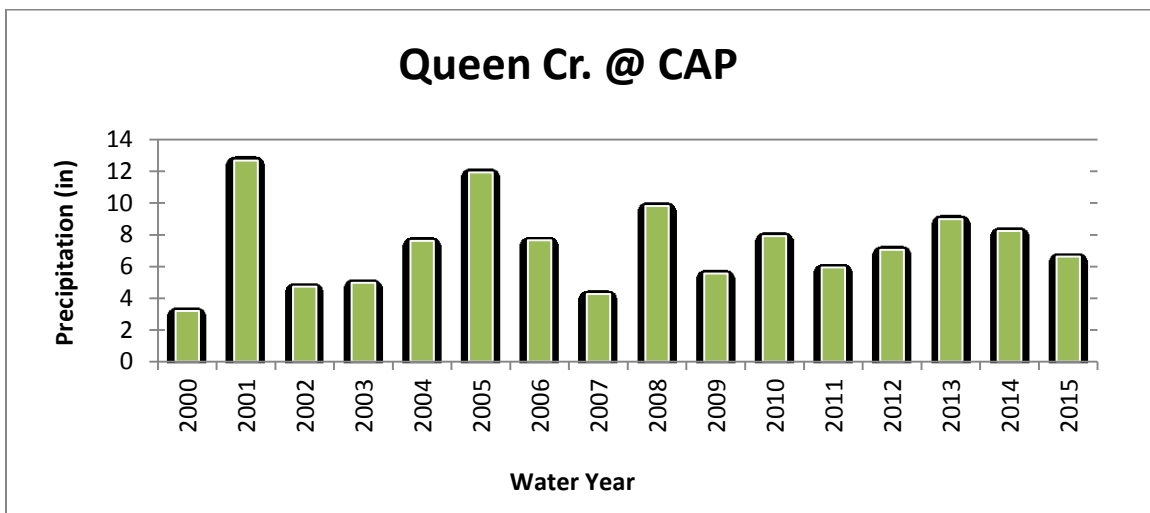




Station Name: Queen Creek @ CAP Canal

Station ID Number History:	6720 since 01/14/99
Station Type:	Rain / Stream
Data Begins:	01/14/1999
Years Since Installation:	16.71 (as of 10/01/15)
Data Repeater:	Thompson Peak
County:	Pinal
Latitude:	33° 13' 55.8" (33.23216)
Longitude:	111° 30' 11.3" (111.50314)
Elevation:	1,565 ft. msl
Location:	Queen Creek at Central Arizona Project Canal
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:	25	
Number of storms greater than 2 inches in 24 hours:	5	
Number of storms greater than 3 inches in 24 hours:	0	
		Approx. T_r
Greatest 15 minute total:	0.98" on 08/30/13	27 years
Greatest 1 hour total:	2.32" on 08/30/13	200 years
Greatest 3 hour total:	2.52" on 08/30/13	143 years
Greatest 6 hour total:	2.56" on 08/30/13	87 years
Greatest 24 hour total:	2.56" on 08/30/13	14 years
Greatest 72 hour total:	2.83" on 01/21/10	10 years

Water Year Totals: (Mean of Complete Water Years [16] = 7.32 inches)

Water Year	Total	Water Year	Total	Water Year	Total
2020		2010	7.91	2000	3.19
2019		2009	5.55	1999	M
2018		2008	9.80	1998	
2017		2007	4.25	1997	
2016		2006	7.64	1996	
2015	6.61	2005	11.93	1995	
2014	8.23	2004	7.60	1994	
2013	8.98	2003	4.96	1993	
2012	7.05	2002	4.72	1992	
2011	5.98	2001	12.68	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 Queen Cr. @ CAP (gage # 6720) for Water Year 2014

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep		
1						1.02								
2						.12					.04			
3														
4														
5										.71				
6														
7														
8												2.40		
9												.04		
10														
11														
12											.51			
13										.04				
14										.04				
15														
16														
17														
18														
19											.20			
20			.31											
21		.08												
22		1.06												
23		.67												
24														
25														
26							.20							
27												.79		
28														
29						----								
30						----								
31		----				----	----		----			----		
SUM	0.00	1.81	0.31	0.00	0.00	1.14	0.20	0.00	0.00	0.79	0.75	3.23		
ACC	0.00	1.81	2.13	2.13	2.13	3.27	3.46	3.46	3.46	4.25	5.00	8.23		
MAX	0.00	1.06	0.31	0.00	0.00	1.02	0.20	0.00	0.00	0.71	0.51	2.40		
NO.	0	3	1	0	0	2	1	0	0	3	3	3		
												Maximum Daily Rainfall	2.40	
													Maximum Monthly Rainfall	3.23
													Total Annual Rainfall	8.23
													Number of Days with Rain	16

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Queen Cr. @ CAP (gage # 6720) for Water Year 2013

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4												
5												
6										.31	.24	
7											.08	
8						.71	.16					.20
9		.12										.12
10		.35										
11												
12												
13			.24									
14			.24									
15			.39									
16												
17												
18												
19			.16									
20					.51					.12		
21										.51		
22												
23												
24												
25												
26				1.10								
27										.67		
28				.04								
29					----							
30			.12		----						2.56	
31		----	.04		----		----		----			----
SUM	0.00	0.47	1.18	1.14	0.51	0.71	0.16	0.00	0.00	1.61	2.87	0.31
ACC	0.00	0.47	1.65	2.80	3.31	4.02	4.17	4.17	4.17	5.79	8.66	8.98
MAX	0.00	0.35	0.39	1.10	0.51	0.71	0.16	0.00	0.00	0.67	2.56	0.20
NO.	0	2	6	2	1	1	1	0	0	4	3	2
											Maximum Daily Rainfall	2.56
											Maximum Monthly Rainfall	2.87
											Total Annual Rainfall	8.98
											Number of Days with Rain	22

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Queen Cr. @ CAP (gage # 6720) for Water Year 2012

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1			.04										
2													
3			.12										
4												.71	
5		.08											
6													
7		.12										.39	
8													
9								.08					
10										.08		.24	
11										.08			
12			.63										
13			1.06							.08			
14			.08		.20		.08			.55			
15										.04			
16				.08							.20		
17													
18						.47							
19			.04								----		
20											----		
21		.04								.08	.12		
22											.04		
23											.47		
24		.04									.12		
25		.04											
26													
27													
28										.16			
29										.51			
30					----								
31		----			----		----		----			----	
SUM	0.00	0.31	1.97	0.08	0.20	0.47	0.08	0.08	0.00	1.57	0.94	1.34	
ACC	0.00	0.31	2.28	2.36	2.56	3.03	3.11	3.19	3.19	4.76	5.71	7.05	
MAX	0.00	0.12	1.06	0.08	0.20	0.47	0.08	0.08	0.00	0.55	0.47	0.71	
NO.	0	5	6	1	1	1	1	1	0	8	5	3	
												Maximum Daily Rainfall	1.06
												Maximum Monthly Rainfall	1.97
												Total Annual Rainfall	7.05
												Number of Days with Rain	32

Gage 6720 down from 8/18 15:52 (121) through 8/21 08:52 (121) due to battery failure; no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Queen Cr. @ CAP (gage # 6720) for Water Year 2011

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2	.12											
3	.12											
4	.12											
5	.94											
6												
7												
8												
9							.55			.08		
10												.24
11										.39		
12												
13												.20
14												
15												
16			.20									
17												
18											.51	
19					.51							
20					.04							
21	.04	.04				.20						
22			.16									
23			.16									
24												
25												
26												
27					.43							
28												
29			.51		----							
30			.04		----					.08		
31		----			----		----		----	.31		----
SUM	1.34	0.04	1.06	0.00	0.98	0.20	0.55	0.00	0.00	0.87	0.51	0.43
ACC	1.34	1.38	2.44	2.44	3.43	3.62	4.17	4.17	4.17	5.04	5.55	5.98
MAX	0.94	0.04	0.51	0.00	0.51	0.20	0.55	0.00	0.00	0.39	0.51	0.24
NO.	5	1	5	0	3	1	1	0	0	4	1	2
							Maximum Daily Rainfall					0.94
							Maximum Monthly Rainfall					1.34
							Total Annual Rainfall					5.98
							Number of Days with Rain					23

Annual Total (mm): 151

Days Down: 0

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Queen Cr. @ CAP (gage # 6720) for Water Year 2010

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1													
2													
3													
4												----	
5												----	
6													
7			.12		.20	.39							
8			.24			.28							
9						.04							
10													
11			----										
12			----										
13			----	.16									
14													
15													
16													
17													
18													
19				.83									
20				.08	.04								
21				1.30	.47						.28		
22			.08	.67	.35								
23						.16							
24											.08		
25													
26													
27				.16									
28				.24	.51								
29		.04		.12	----					.59			
30					----					.04			
31		----			----		----		----	.47		----	
SUM	0.00	0.04	0.43	3.54	1.57	0.87	0.00	0.00	0.00	1.10	0.35	0.00	
ACC	0.00	0.04	0.47	4.02	5.59	6.46	6.46	6.46	6.46	7.56	7.91	7.91	
MAX	0.00	0.04	0.24	1.30	0.51	0.39	0.00	0.00	0.00	0.59	0.28	0.00	
NO.	0	1	3	8	5	4	0	0	0	3	2	0	
												Maximum Daily Rainfall	1.30
												Maximum Monthly Rainfall	3.54
												Total Annual Rainfall	7.91
												Number of Days with Rain	26

Notes:

Annual rainfall in millimeters: 201

Gage 6720 down from 12/10 02:26 (10) through 12/14 08:27 (10) due to repeater failure; no rain fell.

Gage 6720 down from 09/03 19:38 (201) through 09/06 01:38 (201) due to data collision; no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Queen Creek @ CAP (gage # 6720) for Water Year 2009

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1										.12		
2										.16		
3										.04		.04
4				.08								
5												.35
6												
7												
8					.71							
9					.31							
10												
11							.39					
12												
13											.16	
14												
15												
16			.39									
17			.39		.16							
18			.08									
19												
20										.31		
21				.04						.16		
22			.16	.04				.04			.24	
23			.16									
24												
25			.20									
26		.43	.16									
27		.20										
28												
29												
30												
31											.04	
SUM	0.00	0.63	1.54	0.16	1.18	0.00	0.39	0.04	0.00	0.79	0.43	0.39
ACC	0.00	0.63	2.17	2.32	3.50	3.50	3.90	3.94	3.94	4.72	5.16	5.55
MAX	0.00	0.43	0.39	0.08	0.71	0.00	0.39	0.04	0.00	0.31	0.24	0.35
NO.	0	2	7	3	3	0	1	1	0	5	3	2
							Maximum Daily Rainfall					0.71
							Maximum Monthly Rainfall					1.54
							Total Annual Rainfall					5.55
							Number of Days with Rain					27

Notes:

Annual rainfall in millimeters: 141

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Queen Creek @ CAP (gage # 6720) for Water Year 2008

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			.08									
2												
3												
4					.55							
5				.04								
6				.04								
7			.20	.20								
8			.39	.04								
9												
10			.35							2.28		
11			.16							.28		.08
12			.04									
13												
14											.08	
15					.35							
16												
17												
18												
19												
20					.04							
21					.04							
22								.83				
23								.16				
24												
25									.04		.24	
26											.04	
27				.94							.31	
28				.08							.43	
29												
30		1.42			----						.04	
31		----			----		----		----		.04	----
SUM	0.00	1.42	1.22	1.34	0.98	0.00	0.00	0.98	0.04	2.56	1.18	0.08
ACC	0.00	1.42	2.64	3.98	4.96	4.96	4.96	5.94	5.98	8.54	9.72	9.80
MAX	0.00	1.42	0.39	0.94	0.55	0.00	0.00	0.83	0.04	2.28	0.43	0.08
NO.	0	1	6	6	4	0	0	2	1	2	7	1
										Maximum Daily Rainfall		2.28
										Maximum Monthly Rainfall		2.56
										Total Annual Rainfall		9.80
										Number of Days with Rain		30

Notes:

Annual rainfall in millimeters: 249

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Queen Creek @ CAP (gage # 6720) for Water Year 2006

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												.39
3												.04
4												
5										.35		
6												
7												.20
8												
9												.51
10												
11						2.20						
12						.04					.67	
13												
14											.28	
15							----			.08		
16							----					
17	.16											
18	.20											
19						.20						
20												
21						----						
22						----						
23						----						
24											.79	
25									.12	.59		
26										.04		
27										.71		
28												
29						----						
30						----				.08		
31		----				----	----		----			----
SUM	0.35	0.00	0.00	0.00	0.00	2.44	0.00	0.00	0.12	1.85	1.73	1.14
ACC	0.35	0.35	0.35	0.35	0.35	2.80	2.80	2.80	2.91	4.76	6.50	7.64
MAX	0.20	0.00	0.00	0.00	0.00	2.20	0.00	0.00	0.12	0.71	0.79	0.51
NO.	2	0	0	0	0	3	0	0	1	6	3	4
	Maximum Daily Rainfall											2.20
	Maximum Monthly Rainfall											2.44
	Total Annual Rainfall											7.64
	Number of Days with Rain											19

Notes:

Annual rainfall in millimeters: 194 Total down-time: 7.01 days
 Gage 6720 down from 3/20 03:46 (71) through 3/24 10:18 (71) due to transmitter failure; no rain fell.
 Gage 6720 down from 4/14 16:09 (71) through 4/17 09:50 (71) due to transmitter failure; no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Queen Creek @ CAP (gage # 6720) for Water Year 2005

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												.51
2				.04							.79	
3				.98							.04	
4			.55	.71								
5			.12			.20						
6			.12			.39						
7												
8											.20	
9											.12	
10					.04							
11				.04	1.02							
12					1.38							
13												
14												
15												
16												
17					.08							
18					.08							
19					.91							
20												
21	.08				.12							
22		.28			.43							
23		.04					.16		-----		.51	
24					.04		.04		-----			
25									-----			
26				.51					-----			
27				.04						.04		
28	.55											
29			.55		-----							
30			.08		-----					.16		
31		-----			-----		-----		-----			-----
SUM	0.63	0.31	1.42	2.32	4.09	0.59	0.20	0.00	0.00	0.20	1.65	0.51
ACC	0.63	0.94	2.36	4.69	8.78	9.37	9.57	9.57	9.57	9.76	11.42	11.93
MAX	0.55	0.28	0.55	0.98	1.38	0.39	0.16	0.00	0.00	0.16	0.79	0.51
NO.	2	2	5	6	9	2	2	0	0	2	5	1
											Maximum Daily Rainfall	1.38
											Maximum Monthly Rainfall	4.09
											Total Annual Rainfall	11.93
											Number of Days with Rain	36

Notes:

Annual rainfall in millimeters: 303 Total down-time: 5.33 days
 Gage 6720 down from 6/22 01:57 (243) through 6/27 09:59 (243) due to battery failure; no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Queen Creek @ CAP (gage # 6720) for Water Year 2004

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2							1.61					
3					.12							
4						.28	-----					-----
5						.47	-----					-----
6							-----					-----
7												
8												
9												
10												
11			.24									
12		.47										
13		.04				.04						
14				.04						.04		
15											.20	
16										.04	.83	
17												
18										.08		1.22
19											.04	.12
20												
21				.28								
22				.47								
23				.08	.63							
24				.04								
25				.16								
26												
27					.04							
28										.04		
29												
30					-----							
31		-----			-----		-----		-----			-----
SUM	0.00	0.51	0.24	1.06	0.79	0.79	1.61	0.00	0.00	0.20	1.06	1.34
ACC	0.00	0.51	0.75	1.81	2.60	3.39	5.00	5.00	5.00	5.20	6.26	7.60
MAX	0.00	0.47	0.24	0.47	0.63	0.47	1.61	0.00	0.00	0.08	0.83	1.22
NO.	0	2	1	6	3	3	1	0	0	4	3	2
							Maximum Daily Rainfall					1.61
							Maximum Monthly Rainfall					1.61
							Total Annual Rainfall					7.60
							Number of Days with Rain					25

Notes:

Annual rainfall in millimeters: 193 Total down-time: 7.20 days
 Gage 6720 down from 4/03 22:46 (127) through 4/07 10:46 (127) for unknown reason; no rain fell.
 Gage 6720 down from 9/03 16:50 (159) through 9/07 09:38 (159) due to transmitter failure; no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Queen Creek @ CAP (gage # 6720) for Water Year 2003

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1											.04	
2						.04						
3												
4												
5												
6												
7												
8												
9												
10												
11												
12					.04							
13					1.02							
14					.63						.20	
15					.04		.08					
16						.20						
17	.16		.08									
18												
19											.04	
20												
21										.04		
22												
23			.35									
24												.08
25					.31							
26					.39						.28	
27					.31							
28					.04							
29		.28			----					.16		
30		.16			----							
31		----			----		----		----			----
SUM	0.16	0.43	0.43	0.00	2.80	0.24	0.08	0.00	0.00	0.20	0.55	0.08
ACC	0.16	0.59	1.02	1.02	3.82	4.06	4.13	4.13	4.13	4.33	4.88	4.96
MAX	0.16	0.28	0.35	0.00	1.02	0.20	0.08	0.00	0.00	0.16	0.28	0.08
NO.	1	2	2	0	8	2	1	0	0	2	4	1
	Maximum Daily Rainfall											1.02
	Maximum Monthly Rainfall											2.80
	Total Annual Rainfall											4.96
	Number of Days with Rain											23

Notes:

Total annual rainfall in millimeters: 126

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
 Daily Rainfall at Queen Creek @ CAP (gage # 6720) for Water Year 2000

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1													
2													
3													
4													
5						.20							
6						1.65							
7						.31							
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21					.16								
22													
23													
24											.04		
25													
26													
27													
28						.08							
29										.08	.08		
30					----					.04	.63		
31		----			----		----		----			----	
SUM	0.00	0.00	0.00	0.00	0.16	2.24	0.00	0.00	0.00	0.04	0.75	0.00	
ACC	0.00	0.00	0.00	0.00	0.16	2.40	2.40	2.40	2.40	2.44	3.19	3.19	
MAX	0.00	0.00	0.00	0.00	0.16	1.65	0.00	0.00	0.00	0.04	0.63	0.00	
NO.	0	0	0	0	1	4	0	0	0	1	3	0	
												Maximum Daily Rainfall	1.65
												Maximum Monthly Rainfall	2.24
												Total Annual Rainfall	3.19
												Number of Days with Rain	9

Notes:

Annual rainfall in millimeters: 81

Total down-time: 0 days

Flood Control District of Maricopa County ALERT System
 Daily Rainfall at Queen Creek @ CAP (gage # 6720) for Water Year 1999

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1	----	----	----	----			.63						
2	----	----	----	----			.47			.08			
3	----	----	----	----									
4	----	----	----	----	.04		.39						
5	----	----	----	----									
6	----	----	----	----						.83			
7	----	----	----	----									
8	----	----	----	----									
9	----	----	----	----									
10	----	----	----	----									
11	----	----	----	----									
12	----	----	----	----									
13	----	----	----	----			.04						
14	----	----	----							.31		.12	
15	----	----	----							.35		.20	
16	----	----	----			.04							
17	----	----	----										
18	----	----	----										
19	----	----	----								.47	.28	
20	----	----	----										
21	----	----	----	.12									
22	----	----	----										
23	----	----	----							.47			
24	----	----	----										
25	----	----	----					.08			.08		
26	----	----	----								.04		
27	----	----	----								.04		
28	----	----	----								.08		
29	----	----	----							.16			
30	----	----	----							.16	.04		
31	----	----	----									----	
SUM	----	----	----	0.12	0.04	0.04	1.54	0.08	0.00	2.36	0.75	0.59	
ACC	----	----	----	0.12	0.16	0.20	1.73	1.81	1.81	4.17	4.92	5.51	
MAX	----	----	----	0.12	0.04	0.04	0.63	0.08	0.00	0.83	0.47	0.28	
NO.	----	----	----	1	1	1	4	1	0	7	6	3	
												Maximum Daily Rainfall	0.83
												Maximum Monthly Rainfall	2.36
												Partial Annual Rainfall	5.51
												Number of Days with Rain	24

Notes:

Partial annual rainfall in millimeters: 139

Total down-time: 0.00 days

Station Installed 01/14/1999.