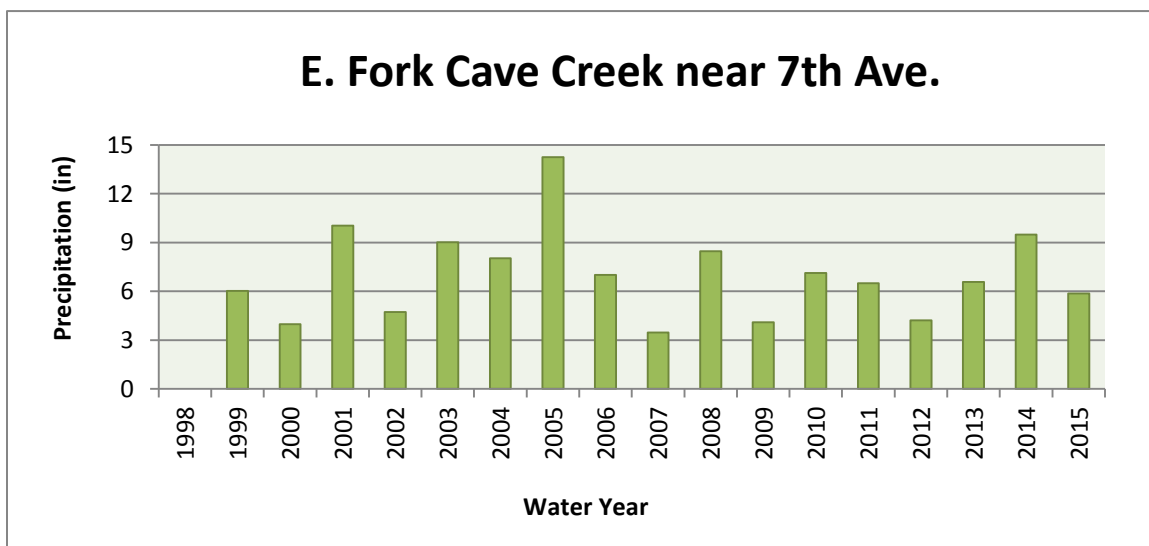




Station Name: E. Fork Cave Cr. near 7th Ave.

Station ID Number History:	4665 since 05/08/97
Station Type:	Rain/Stream
Data Begins:	05/08/1997
Years Since Installation:	18.40 (as of 10/01/15)
Data Repeater:	Thompson Peak
County:	Maricopa
Latitude:	33° 37' 40.6" (33.62793)
Longitude:	112° 04' 50.7" (112.08076)
Elevation:	1,340 ft. msl
Location:	Near 7th Ave., 1/2 mile south of Greenway Rd.
Data Record:	
Incomplete Months:	5/98; 9/98
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:	2	
Number of storms greater than 3 inches in 24 hours:	0	
		Approx. T_r
Greatest 15 minute total:	1.14" on 08/02/05	45 years
Greatest 1 hour total:	1.65" on 08/02/05	22 years
Greatest 3 hour total:	2.01" on 09/08/14	28 years
Greatest 6 hour total:	2.64" on 09/08/14	73 years
Greatest 24 hour total:	2.68" on 09/08/14	19 years
Greatest 72 hour total:	2.83" on 09/08/14	12 years

Water Year Totals: (Mean of Complete Water Years [17] = 6.99 inches)

Water Year	Total	Water Year	Total	Water Year	Total
2020		2010	7.13	2000	3.98
2019		2009	4.09	1999	6.02
2018		2008	8.46	1998	M
2017		2007	3.46	1997	M
2016		2006	7.01	1996	
2015	5.87	2005	14.25	1995	
2014	9.49	2004	8.03	1994	
2013	6.57	2003	9.02	1993	
2012	4.21	2002	4.72	1992	
2011	6.50	2001	10.04	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 E. Fork Cave Cr. near 7th Ave. (gage # 4665) for Water Year 1998

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1			.04				.16						
2													
3					.08								
4					1.54							.08	
5										.08			
6			.12		.04		.04			.71		.04	
7			.39		.04					.35	.04		
8			.12		.59								
9					.12								
10				.24									
11							.04					.24	
12							.04						
13													
14		.08			.08	.08		----					
15					.71			----			.51		
16								----			.04		
17					.71	.08		----		.04			
18					.04			----		.04		----	
19			.04					----				----	
20					.16			----				----	
21	.04		.31					----				----	
22			.39					----				----	
23								----				----	
24			.04		.79			----				----	
25								----				----	
26						.71							
27													
28						.31							
29					----	.16							
30					----								
31		----			----		----		----			----	
SUM	0.04	0.08	1.46	0.24	4.88	1.34	0.28	0.00	0.00	1.22	0.59	0.35	
ACC	0.04	0.12	1.57	1.81	6.69	8.15	8.43	8.43	8.43	9.65	10.24	10.59	
MAX	0.04	0.08	0.39	0.24	1.54	0.71	0.16	0.00	0.00	0.71	0.51	0.24	
NO.	1	1	8	1	12	5	4	0	0	5	3	3	
												Maximum Daily Rainfall	1.54
												Maximum Monthly Rainfall	4.88
												Partial Annual Rainfall	10.59
												Number of Days with Rain	43

Notes:

Partial annual rainfall in millimeters: 269 Total down-time: 19.4 days
Gage down from 5/13 0:24 (214) through 5/26 9:29 (?) due to vandalism; possible event missed, therefore inaccurate monthly total.
Gage down from 9/17 8:44 (269) through 9/23 8:42 (269) due to transmitter failure; possible event missed, therefore inaccurate monthly and annual totals.

Flood Control District of Maricopa County ALERT System
 Daily Rainfall at EFCC near 7th Ave. (gage # 4665) for Water Year 1997

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP		
1														
2														
3											.28	.04		
4														
5												.04		
6												.04		
7									.04					
8											.39			
9														
10														
11												.83		
12														
13														
14														
15														
16														
17											.04			
18														
19														
20														
21														
22														
23														
24														
25														
26														
27														
28														
29														
30											.08			
31														
SUM	----	----	----	----	----	----	----	0.00	0.04	0.00	0.79	0.94		
ACC	----	----	----	----	----	----	----	0.00	0.04	0.04	0.83	1.77		
MAX	----	----	----	----	----	----	----	0.00	0.04	0.00	0.39	0.83		
NO.	----	----	----	----	----	----	----	0	1	0	4	4		
												Maximum Daily Rainfall	0.83	
													Maximum Monthly Rainfall	0.94
													Partial Annual Rainfall	1.77
													Number of Days with Rain	9

Notes:

Partial annual rainfall in millimeters: 45
 Gage installed on 5/21/97.

Total down-time: 0 days