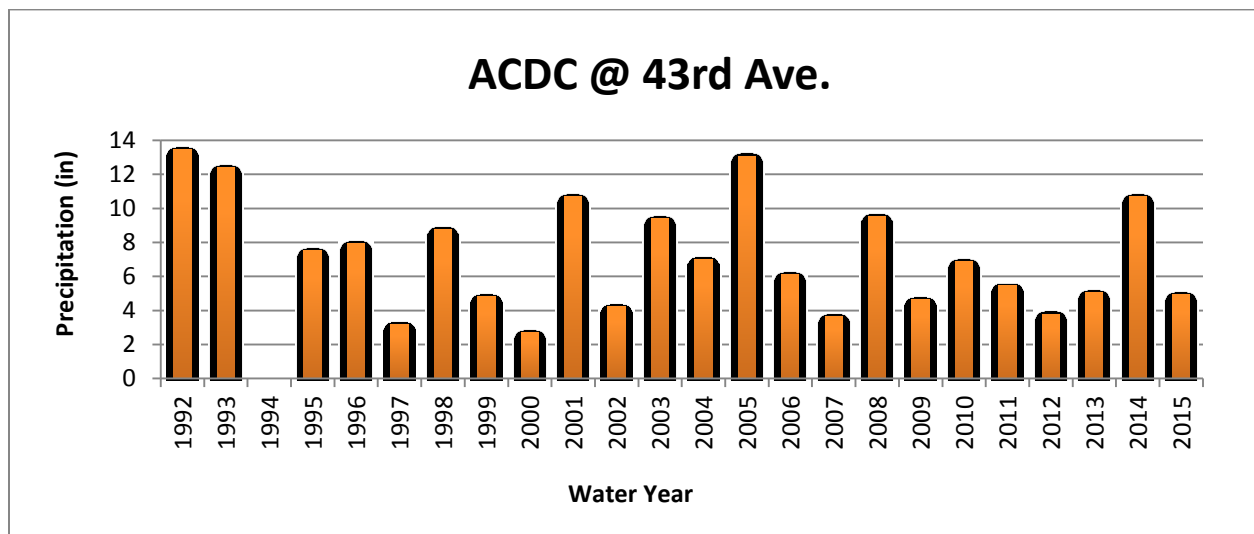




Station Name: ACDC @ 43rd Ave.

Station ID Number History:	4820 since 03/02/93 6320 from 09/03/92 – 03/02/93 1540 from 11/14/90 – 09/03/92
Station Type:	Rain / Stream
Data Begins:	11/14/1990
Years Since Installation:	24.88 (as of 10/01/15)
Data Repeater:	Direct
County:	Maricopa
Latitude:	33° 35' 02.4" (33.58400)
Longitude:	112° 09' 15.2" (112.15422)
Elevation:	1,225 ft. msl
Location:	1/4 mile NW of Peoria Ave. and 43rd Ave.
Data Record:	
Incomplete Months:	04/94
Missing Months:	None
Remarks:	Records Good



Data Statistics for Period of Record:

Number of storms greater than 1 inch in 24 hours:	39	
Number of storms greater than 2 inches in 24 hours:	3	
Number of storms greater than 3 inches in 24 hours:	2	
		Approx. T_r
Greatest 15 minute total:	1.10" on 10/05/10	39 years
Greatest 1 hour total:	2.40" on 09/08/14	195 years
Greatest 3 hour total:	2.99" on 09/08/14	303 years
Greatest 6 hour total:	3.50" on 09/08/14	557 years
Greatest 24 hour total:	3.66" on 09/08/14	129 years
Greatest 72 hour total:	3.66" on 09/08/14	48 years

Water Year Totals: (Mean of Complete Water Years [23] = 7.22 inches)

Water Year	Total	Water Year	Total	Water Year	Total
2020		2010	6.89	2000	2.72
2019		2009	4.65	1999	4.84
2018		2008	9.53	1998	8.74
2017		2007	3.66	1997	3.19
2016		2006	6.10	1996	7.95
2015	4.92	2005	13.07	1995	7.52
2014	10.71	2004	6.97	1994	M
2013	5.04	2003	9.41	1993	12.40
2012	3.78	2002	4.21	1992	13.50
2011	5.47	2001	10.71	1991	M

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 ACDC @ 43rd Ave. (gage # 4820) for Water Year 2009

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												.08
2												
3										.04		
4				.16								
5												.12
6												
7					.04							
8					.16							
9					.55							
10												
11							.75					
12												
13											.31	
14												
15			.04									
16			.75									
17			.16		.04							
18			.12									
19												
20												
21												
22			.12	.08				.24			.04	
23			.08					.04				
24										.04		
25			.12									
26		.08	.16									
27		.31										
28												
29					----							
30					----							
31		----			----		----		----		.04	----
SUM	0.00	0.39	1.54	0.24	0.79	0.00	0.75	0.28	0.00	0.08	0.39	0.20
ACC	0.00	0.39	1.93	2.17	2.95	2.95	3.70	3.98	3.98	4.06	4.45	4.65
MAX	0.00	0.31	0.75	0.16	0.55	0.00	0.75	0.24	0.00	0.04	0.31	0.12
NO.	0	2	8	2	4	0	1	2	0	2	3	2
							Maximum Daily Rainfall					0.75
							Maximum Monthly Rainfall					1.54
							Total Annual Rainfall					4.65
							Number of Days with Rain					26

Notes:

Annual rainfall in millimeters: 118

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
 Daily Rainfall at ACDC @ 43rd Ave (gage # 4820) for Water Year 1995

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1													
2													
3													
4			0.04	0.59									
5			0.47	0.04		0.08							
6						0.20						0.28	
7												0.12	
8													
9													
10													
11						0.39							
12		0.35		0.08		0.04							
13					0.20								
14													
15	0.31				0.24								
16							0.12	0.08					
17				0.16									
18													
19							0.16				0.24		
20											0.87		
21					0.04								
22					0.12								
23			0.67										
24													
25			0.55	0.08									
26													
27												0.12	
28												0.91	
29													
30													
31													
SUM	0.31	0.35	1.73	0.94	0.59	0.71	0.28	0.08	0.00	0.00	1.10	1.42	
ACC	0.31	0.67	2.40	3.35	3.94	4.65	4.92	5.00	5.00	5.00	6.10	7.52	
MAX	0.31	0.35	0.67	0.59	0.24	0.39	0.16	0.08	0.00	0.00	0.87	0.91	
NO.	1	1	4	5	4	4	2	1	0	0	2	4	
												Maximum Daily Rainfall	0.91
												Maximum Monthly Rainfall	1.73
												Total Annual Rainfall	7.52
												Number of Days with Rain	28

Notes:

Annual rainfall in mm: 191

Flood Control District of Maricopa County ALERT System
Daily Rainfall at ACDC @ 43rd Ave. (gage # 4820) for Water Year 1991

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1	-----	-----				.43							
2	-----	-----											
3	-----	-----										.04	
4	-----	-----		.35									
5	-----	-----		.28								.12	
6	-----	-----											
7	-----	-----											
8	-----	-----											
9	-----	-----											
10	-----	-----											
11	-----	-----									.39		
12	-----	-----	.04										
13	-----	-----											
14	-----	-----											
15	-----	-----				.43							
16	-----	-----											
17	-----	-----			.04								
18	-----	-----											
19	-----	-----											
20	-----	-----	.04			.39				.12			
21	-----	-----											
22	-----	-----	.04										
23	-----	-----											
24	-----	-----											
25	-----	-----											
26	-----	.12				.24							
27	-----				.08	.39					.04		
28	-----		.08		.35								
29	-----		.12		-----								
30	-----	-----			-----								
31	-----	-----			-----		-----		-----			-----	
SUM	-----	0.12	0.31	0.63	0.47	1.89	0.00	0.00	0.00	0.12	0.43	0.16	
ACC	-----	0.12	0.43	1.06	1.54	3.43	3.43	3.43	3.43	3.54	3.98	4.13	
MAX	-----	0.12	0.12	0.35	0.35	0.43	0.00	0.00	0.00	0.12	0.39	0.12	
NO.	-----	1	5	2	3	5	0	0	0	1	2	2	
												Maximum Daily Rainfall	0.43
												Maximum Monthly Rainfall	1.89
												Partial Annual Rainfall	4.13
												Number of Days with Rain	21

Station installed on 11/14/90.