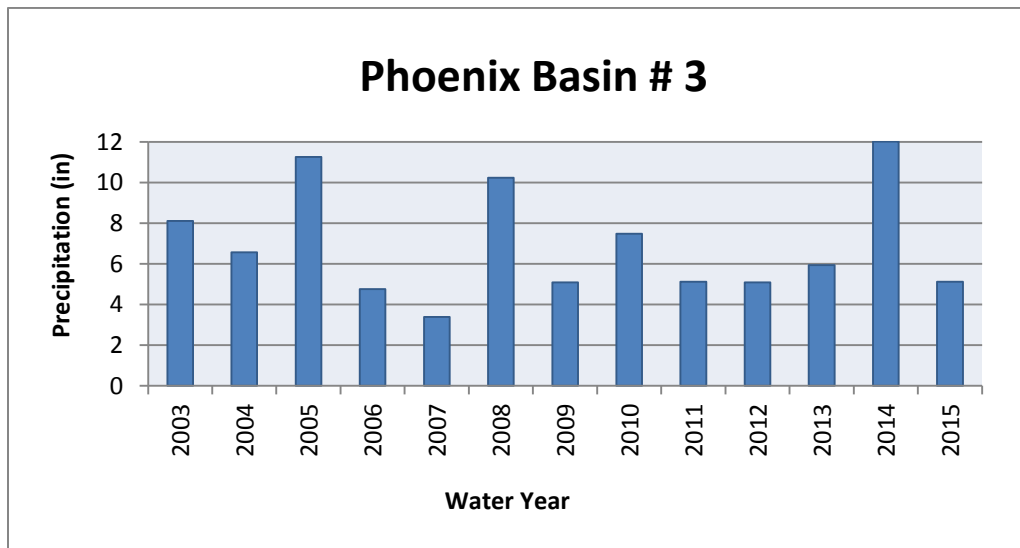




Station Name: Phoenix Basin #3

Station ID Number History:	4825 since 12/18/2001
Data Begins:	12/18/01
Years Since Installation:	13.79 (as of 10/01/15)
Data Repeater:	Direct
County:	Maricopa
Latitude:	33° 35' 11.7" (33.58658)
Longitude:	112° 02' 48.5" (112.04680)
Elevation:	1,365 ft. msl
Location:	Cave Creek Rd. at 16 th St.
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:	18	
Number of storms greater than 2 inches in 24 hours:	2	
Number of storms greater than 3 inches in 24 hours:	1	
		Approx. T _r
Greatest 15 minute total:	0.87" on 09/08/14	15 years
Greatest 1 hour total:	1.61" on 09/08/14	24 years
Greatest 3 hour total:	2.44" on 09/08/14	95 years
Greatest 6 hour total:	3.03" on 09/08/14	209 years
Greatest 24 hour total:	3.07" on 09/08/14	38 years
Greatest 72 hour total:	3.07" on 09/08/14	16 years

Water Year Totals: (Mean of Complete Water Years [13] = 6.94 inches)

Water Year	Total	Water Year	Total
2020		2010	7.48
2019		2009	5.08
2018		2008	10.24
2017		2007	3.39
2016		2006	4.76
2015	5.12	2005	11.26
2014	12.01	2004	6.57
2013	5.94	2003	8.11
2012	5.08	2002	M
2011	5.12	2001	

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 Phoenix Basin #3 (gage # 4825) for Water Year 2013

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1													
2													
3													
4													
5													
6													
7													
8						.59						.24	
9							.04					.47	
10												.08	
11													
12													
13			.12										
14			.39										
15			.51										
16													
17													
18			.16										
19										.31			
20					.35					.04			
21										.43			
22													
23													
24													
25													
26				1.42							.24		
27				.51									
28											.04		
29						----							
30						----							
31		----				----		----	----			----	
SUM	0.00	0.00	1.18	1.93	0.35	0.59	0.04	0.00	0.00	0.79	0.28	0.79	
ACC	0.00	0.00	1.18	3.11	3.46	4.06	4.09	4.09	4.09	4.88	5.16	5.94	
MAX	0.00	0.00	0.51	1.42	0.35	0.59	0.04	0.00	0.00	0.43	0.24	0.47	
NO.	0	0	4	2	1	1	1	0	0	3	2	3	
												Maximum Daily Rainfall	1.42
												Maximum Monthly Rainfall	1.93
												Total Annual Rainfall	5.94
												Number of Days with Rain	17

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Phoenix Basin #3 (gage # 4825) for Water Year 2012

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep		
1														
2														
3														
4	.08	.39								.04				
5		.28												
6	.04													
7		.20										1.18		
8														
9														
10												.12		
11												.12		
12			.35											
13		.12	.35							.08				
14			.04							.04				
15														
16											.04			
17											.04			
18						.43								
19														
20			.04											
21											.51			
22										.08	.08			
23											.28			
24														
25														
26														
27														
28										.12				
29										.04				
30					----									
31		----			----		----		----					
SUM	0.12	0.98	0.79	0.00	0.00	0.43	0.00	0.00	0.00	0.39	0.94	1.42		
ACC	0.12	1.10	1.89	1.89	1.89	2.32	2.32	2.32	2.32	2.72	3.66	5.08		
MAX	0.08	0.39	0.35	0.00	0.00	0.43	0.00	0.00	0.00	0.12	0.51	1.18		
NO.	2	4	4	0	0	1	0	0	0	6	5	3		
													Maximum Daily Rainfall	1.18
													Maximum Monthly Rainfall	1.42
													Total Annual Rainfall	5.08
													Number of Days with Rain	25

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Phoenix Basin #3 (gage # 4825) for Water Year 2011

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3											.04	
4	.04											
5	.39									.04		
6												
7												
8												
9							.28					
10												
11										.08		
12												
13											.04	
14												
15												
16			.16									
17												
18								.04				
19					.39							
20					.12							
21	.20	.04				.16						
22	.04		.43									
23			.04									
24										.04		
25										.08		
26					.08							
27					.39							
28												
29			.63		----							
30			.35		----					.04		
31		----			----		----		----	.98		----
SUM	0.67	0.04	1.61	0.00	0.98	0.16	0.28	0.04	0.00	1.26	0.08	0.00
ACC	0.67	0.71	2.32	2.32	3.31	3.46	3.74	3.78	3.78	5.04	5.12	5.12
MAX	0.39	0.04	0.63	0.00	0.39	0.16	0.28	0.04	0.00	0.98	0.04	0.00
NO.	4	1	5	0	4	1	1	1	0	6	2	0
							Maximum Daily Rainfall					0.98
							Maximum Monthly Rainfall					1.61
							Total Annual Rainfall					5.12
							Number of Days with Rain					25

Annual Total (mm): 130

Days Down: 0

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Phoenix Basin # 3 (gage # 4825) for Water Year 2008

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1			.24										
2													
3										.08			
4					.20								
5				.04							.43		
6													
7			.35	.39							.59		
8			.28								.08		
9													
10			.04							1.18			
11			.28							.08			
12													
13										.04			
14											.59		
15													
16					.04								
17													
18													
19													
20					.08					.12			
21													
22					.04				.04				
23								.04					
24				.04									
25											.67		
26											.59		
27				1.30									
28				.31							.20		
29											.16		
30		1.73			----								
31		----			----		----		----			----	
SUM	0.00	1.73	1.18	2.09	0.35	0.00	0.00	0.08	0.00	1.50	3.31	0.00	
ACC	0.00	1.73	2.91	5.00	5.35	5.35	5.35	5.43	5.43	6.93	10.24	10.24	
MAX	0.00	1.73	0.35	1.30	0.20	0.00	0.00	0.04	0.00	1.18	0.67	0.00	
NO.	0	1	5	5	4	0	0	2	0	5	8	0	
												Maximum Daily Rainfall	1.73
												Maximum Monthly Rainfall	3.31
												Total Annual Rainfall	10.24
												Number of Days with Rain	30

Notes:

Annual rainfall in millimeters: 260

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Phoenix Basin # 3 (gage # 4825) for Water Year 2007

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4												
5												
6	.12											
7												
8	.04											
9												
10												
11					.12							
12												
13							.12					
14	.35											
15												
16												.04
17												
18												
19				.28	.31							
20				.04								
21				.12			.20					
22			.16			.47						
23						.08				.28		
24												
25												
26												
27												
28			.08									
29			.04		----							
30					----					.43		
31		----		.08	----		----		----	.04		----
SUM	0.51	0.00	0.28	0.51	0.43	0.55	0.31	0.00	0.00	0.75	0.00	0.04
ACC	0.51	0.51	0.79	1.30	1.73	2.28	2.60	2.60	2.60	3.35	3.35	3.39
MAX	0.35	0.00	0.16	0.28	0.31	0.47	0.20	0.00	0.00	0.43	0.00	0.04
NO.	3	0	3	4	2	2	2	0	0	3	0	1
										Maximum Daily Rainfall		0.47
										Maximum Monthly Rainfall		0.75
										Estimated Annual Rainfall		3.39
										Number of Days with Rain		20

Notes:

Estimated annual rainfall in millimeters: 86

Total down-time: 4.11 days

Gage 4825 down from 3/22 08:55 (45) through 3/26 11:35 (58) due to plugged funnel; rainfall amount and distribution were estimated from radar and nearby gages.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Phoenix Basin # 3 (gage # 4825) for Water Year 2006

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												.28
3												.28
4												
5												
6												
7									.04			.63
8												
9												
10												
11						1.42						
12											.20	
13												
14												.04
15												
16												
17												
18	.39											
19						.20						
20												
21						.04					.04	
22												
23	----											
24	----									.12	.59	
25	----									.28		
26	----									.20		
27												
28												
29					----							
30	----				----					.04		
31		----			----		----		----			----
SUM	0.39	0.00	0.00	0.00	0.00	1.65	0.00	0.00	0.04	0.63	0.83	1.22
ACC	0.39	0.39	0.39	0.39	0.39	2.05	2.05	2.05	2.09	2.72	3.54	4.76
MAX	0.39	0.00	0.00	0.00	0.00	1.42	0.00	0.00	0.04	0.28	0.59	0.63
NO.	1	0	0	0	0	3	0	0	1	4	3	4
							Maximum Daily Rainfall					1.42
							Maximum Monthly Rainfall					1.65
							Total Annual Rainfall					4.76
							Number of Days with Rain					16

Notes:

Annual rainfall in millimeters: 121 Total down-time: 6.55 days
 Gage 4825 down from 10/22 14:06 (10) through 10/27 13:06 (10) due to vandalism; no rain fell.
 Gage 4825 down from 10/29 19:06 (10) through 10/31 09:21 (10) due to antenna failure; no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Phoenix Basin # 3 (gage # 4825) for Water Year 2005

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1													
2											.98		
3				.71							.16	.12	
4			.28	.39		.04							
5			.24			.12							
6			.24			.08							
7		.20									.04		
8		.12									.08		
9											.08		
10		.04			.04								
11				.12	.87								
12					.31								
13													
14													
15													
16													
17					.47								
18					.28								
19					.75								
20					.35								
21	.39	.04			.24								
22		.47			.04								
23					.08		.24						
24				.12	.08								
25						.12							
26				.59									
27													
28	.43		.08										
29			.83	.24	-----								
30					-----					.16			
31		-----			-----		-----		-----	.04		-----	
SUM	0.83	0.87	1.65	2.17	3.50	0.35	0.24	0.00	0.00	0.20	1.34	0.12	
ACC	0.83	1.69	3.35	5.51	9.02	9.37	9.61	9.61	9.61	9.80	11.14	11.26	
MAX	0.43	0.47	0.83	0.71	0.87	0.12	0.24	0.00	0.00	0.16	0.98	0.12	
NO.	2	5	5	6	11	4	1	0	0	2	5	1	
												Maximum Daily Rainfall	0.98
												Maximum Monthly Rainfall	3.50
												Total Annual Rainfall	11.26
												Number of Days with Rain	42

Notes:

Annual rainfall in millimeters: 286

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Phoenix Basin # 3 (gage # 4825) for Water Year 2004

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2							1.26					
3						.04	.08					
4						.67						
5						.08						
6												
7												
8												
9												
10	.39											
11			.08									
12		1.34	.04			.04						
13										.28		
14										.28		
15												
16												
17												
18												.31
19												.24
20												
21				.04								
22				.24	.04							
23					.83							
24			.04	.04								
25				.08								
26			.08							.08		
27												
28												
29												
30					-----							
31		-----			-----		-----		-----			-----
SUM	0.39	1.34	0.24	0.39	0.87	0.83	1.34	0.00	0.00	0.63	0.00	0.55
ACC	0.39	1.73	1.97	2.36	3.23	4.06	5.39	5.39	5.39	6.02	6.02	6.57
MAX	0.39	1.34	0.08	0.24	0.83	0.67	1.26	0.00	0.00	0.28	0.00	0.31
NO.	1	1	4	4	2	4	2	0	0	3	0	2
							Maximum Daily Rainfall					1.34
							Maximum Monthly Rainfall					1.34
							Total Annual Rainfall					6.57
							Number of Days with Rain					23

Notes:

Annual rainfall in millimeters: 167

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Phoenix Basin # 3 (gage # 4825) for Water Year 2003

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1											.04	
2												
3												
4												
5												
6												
7												
8				.39								
9												
10												
11												
12					.04							
13					1.89						.04	
14					.43						.31	
15							.16				.04	
16						.47						
17	.04		.04			.71						
18												
19											.31	
20			.04	.12								
21												
22												
23	.08		.08									
24												
25					.51							
26	.59				.04							
27					.24							
28					.04							
29		.39			-----					.98		
30		.08			-----							
31		-----			-----		-----		-----			-----
SUM	0.71	0.47	0.16	0.51	3.19	1.18	0.16	0.00	0.00	0.98	0.75	0.00
ACC	0.71	1.18	1.34	1.85	5.04	6.22	6.38	6.38	6.38	7.36	8.11	8.11
MAX	0.59	0.39	0.08	0.39	1.89	0.71	0.16	0.00	0.00	0.98	0.31	0.00
NO.	3	2	3	2	7	2	1	0	0	1	5	0
	Maximum Daily Rainfall											1.89
	Maximum Monthly Rainfall											3.19
	Total Annual Rainfall											8.11
	Number of Days with Rain											26

Notes:

Total annual rainfall in millimeters: 206

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Phoenix Basin #3 (gage # 4825) for Water Year 2002

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	-----	-----	-----									
2	-----	-----	-----									
3	-----	-----	-----									
4	-----	-----	-----									
5	-----	-----	-----									
6	-----	-----	-----									.55
7	-----	-----	-----				.12					.04
8	-----	-----	-----									
9	-----	-----	-----									.04
10	-----	-----	-----									
11	-----	-----	-----									
12	-----	-----	-----							.04		
13	-----	-----	-----									
14	-----	-----	-----							1.38		
15	-----	-----	-----									
16	-----	-----	-----									
17	-----	-----	-----									
18	-----	-----	-----									
19	-----	-----	-----									
20	-----	-----	-----									
21	-----	-----	-----									
22	-----	-----	-----									
23	-----	-----	-----							.75		
24	-----	-----	-----									
25	-----	-----	-----									
26	-----	-----	-----									
27	-----	-----	-----									
28	-----	-----	-----									
29	-----	-----	-----									
30	-----	-----	-----	.04	-----							
31	-----	-----	-----		-----		-----		-----			-----
SUM	-----	-----	0.00	0.04	0.00	0.00	0.12	0.00	0.00	2.17	0.00	0.63
ACC	-----	-----	0.00	0.04	0.04	0.04	0.16	0.16	0.16	2.32	2.32	2.95
MAX	-----	-----	0.00	0.04	0.00	0.00	0.12	0.00	0.00	1.38	0.00	0.55
NO.	-----	-----	0	1	0	0	1	0	0	3	0	3
										Maximum Daily Rainfall		1.38
										Maximum Monthly Rainfall		2.17
										Partial Annual Rainfall		2.95
										Number of Days with Rain		8

Notes:

Partial annual rainfall in millimeters: 75
 Station installed on 12/18/2001.

Total down-time: 0.00 days