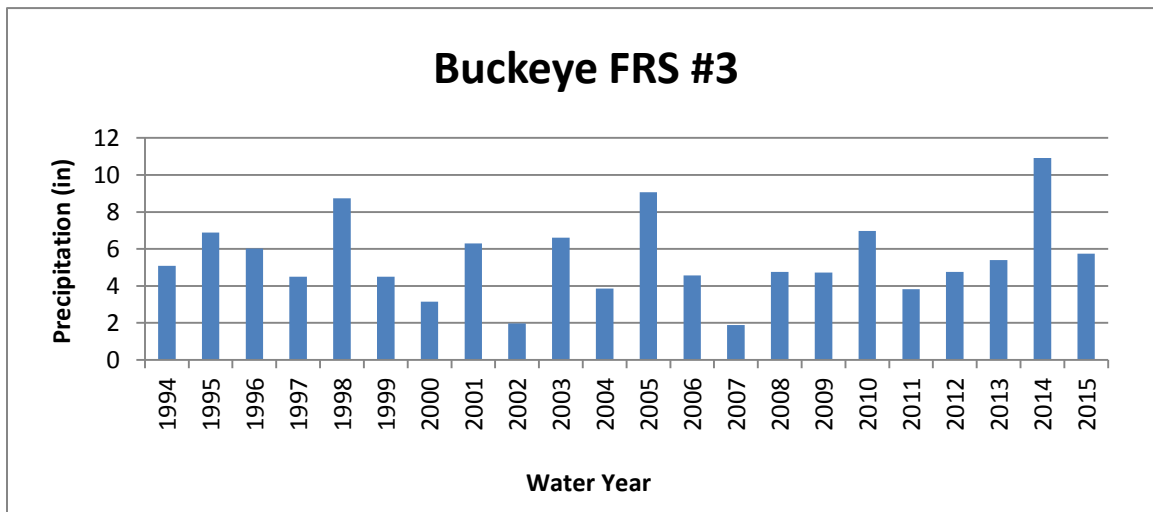


Station Name: Buckeye FRS #3

Station ID Number History:	6810 since 11/23/92
Station Type:	Rain / Stage
Data Begins:	11/23/1992
Years Since Installation:	22.85 (as of 10/01/15)
Data Repeater:	Direct
County:	Maricopa
Latitude:	33° 26' 49.5" (33.44708)
Longitude:	112° 33' 21.4" (112.55593)
Elevation:	1,150 ft. msl
Location:	1/4 mi. NE of I-10 and Watson Rd.
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:	22	
Number of storms greater than 2 inches in 24 hours:	3	
Number of storms greater than 3 inches in 24 hours:	0	
		Approx. T _r
Greatest 15 minute total:	0.91" on 08/28/13	17 years
Greatest 1 hour total:	1.46" on 09/08/14	15 years
Greatest 3 hour total:	2.36" on 09/08/14	79 years
Greatest 6 hour total:	2.87" on 09/08/14	160 years
Greatest 24 hour total:	2.87" on 09/08/14	25 years
Greatest 72 hour total:	3.23" on 01/21/10	20 years

Water Year Totals: (Mean of Complete Water Years [22] = 5.46 inches)

Water Year	Total	Water Year	Total	Water Year	Total
2020		2010	6.97	2000	3.15
2019		2009	4.72	1999	4.49
2018		2008	4.76	1998	8.74
2017		2007	1.89	1997	4.49
2016		2006	4.57	1996	6.02
2015	5.75	2005	9.06	1995	6.89
2014	10.91	2004	3.86	1994	5.08
2013	5.39	2003	6.61	1993	M
2012	4.76	2002	1.97	1992	
2011	3.82	2001	6.30	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 Buckeye FRS # 3 (gage # 6810) for Water Year 2009

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3										.04		
4												
5												.47
6												
7					.04							
8					.12							
9					.39							
10												
11							.35					
12												
13											.20	
14												
15												
16			.67									
17			.16									
18			.16									
19												
20										.04		
21										.20		
22			.08					.24		.04	.31	
23												
24												
25			.08									
26		.16	.16									
27		.79										
28												
29					----							
30					----							
31		----			----		----		----		.04	----
SUM	0.00	0.94	1.30	0.00	0.55	0.00	0.35	0.24	0.00	0.31	0.55	0.47
ACC	0.00	0.94	2.24	2.24	2.80	2.80	3.15	3.39	3.39	3.70	4.25	4.72
MAX	0.00	0.79	0.67	0.00	0.39	0.00	0.35	0.24	0.00	0.20	0.31	0.47
NO.	0	2	6	0	3	0	1	1	0	4	3	1
							Maximum Daily Rainfall					0.79
							Maximum Monthly Rainfall					1.30
							Total Annual Rainfall					4.72
							Number of Days with Rain					21

Notes:

Annual rainfall in millimeters: 120

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Buckeye FRS # 3 (gage # 6810) for Water Year 2008

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			.16									
2												
3												
4												
5												
6												
7			.08	.47							.04	
8												
9												
10										.16		
11										.04		
12												
13										.59		
14										.16		
15					.04							
16												
17												
18												
19												
20												
21												
22					.04							
23								.08				
24				.16				.04				
25											.16	
26											.24	
27				1.02								
28				.12								
29											.08	
30		1.10			----							
31		----			----		----		----			----
SUM	0.00	1.10	0.24	1.77	0.08	0.00	0.00	0.12	0.00	0.94	0.51	0.00
ACC	0.00	1.10	1.34	3.11	3.19	3.19	3.19	3.31	3.31	4.25	4.76	4.76
MAX	0.00	1.10	0.16	1.02	0.04	0.00	0.00	0.08	0.00	0.59	0.24	0.00
NO.	0	1	2	4	2	0	0	2	0	4	4	0
	Maximum Daily Rainfall											1.10
	Maximum Monthly Rainfall											1.77
	Total Annual Rainfall											4.76
	Number of Days with Rain											19

Notes:

Annual rainfall in millimeters: 121

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Buckeye FRS # 3 (gage # 6810) for Water Year 2007

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep		
1														
2														
3														
4														
5														
6														
7														
8														
9														
10														
11														
12														
13								----						
14								----			.04			
15								----						
16								----						
17														
18														
19				.16	.47									
20														
21												.08		
22			.04			.47								
23						.08								
24										.28				
25										.04	.08			
26														
27														
28			.12							.04				
29														
30														
31		----						----	----			----		
SUM	0.00	0.00	0.16	0.16	0.47	0.55	0.00	0.00	0.00	0.35	0.12	0.08		
ACC	0.00	0.00	0.16	0.31	0.79	1.34	1.34	1.34	1.34	1.69	1.81	1.89		
MAX	0.00	0.00	0.12	0.16	0.47	0.47	0.00	0.00	0.00	0.28	0.08	0.08		
NO.	0	0	2	1	1	2	0	0	0	3	2	1		
													Maximum Daily Rainfall	0.47
													Maximum Monthly Rainfall	0.55
													Total Annual Rainfall	1.89
													Number of Days with Rain	12

Notes:

Annual rainfall in millimeters: 48

Total down-time: 4.82 days

Gage 6810 down from 4/12 15:35 (34) through 4/17 11:11 (34) due to transmitter failure; no rain fell.

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Buckeye FRS # 3 (gage # 6810) for Water Year 2006

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												.51
3												.04
4												
5										.08		
6												
7												
8												
9												
10											.35	
11						.98					1.26	
12						.04						
13												
14												
15												
16												
17												
18	.28											
19												
20												
21												
22				----							.08	
23												
24										.16		
25										.63		
26										.12		
27							.04					
28												
29					----							
30					----							
31		----			----		----		----			----
SUM	0.28	0.00	0.00	0.00	0.00	1.02	0.04	0.00	0.00	0.98	1.69	0.55
ACC	0.28	0.28	0.28	0.28	0.28	1.30	1.34	1.34	1.34	2.32	4.02	4.57
MAX	0.28	0.00	0.00	0.00	0.00	0.98	0.04	0.00	0.00	0.63	1.26	0.51
NO.	1	0	0	0	0	2	1	0	0	4	3	2
	Maximum Daily Rainfall											1.26
	Maximum Monthly Rainfall											1.69
	Total Annual Rainfall											4.57
	Number of Days with Rain											13

Notes:

Annual rainfall in millimeters: 116 Total down-time: 2.50 days
 Gage 6810 down from 1/21 07:53 (7) through 1/23 19:53 (7) due to repeater failure; no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Buckeye FRS # 3 (gage # 6810) for Water Year 2005

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2											.31	
3				.43							.16	
4			.20	.39								
5			.28			.16						
6			.16									
7		.31										
8		.35									.12	
9											1.26	
10					.08							
11					.67							
12		.12			.51							
13												
14												
15												
16												
17					.12							
18					.08							
19					.63							
20					.08							
21	.35	.08			.08							
22		.28			.12							
23					.39		.08			.12		
24				.04	.12							
25												
26				.16								
27												
28	.47		.12									
29			.24		-----							
30					-----							
31		-----			-----		-----		-----			-----
SUM	0.83	1.14	0.98	1.02	2.87	0.16	0.08	0.00	0.00	0.12	1.85	0.00
ACC	0.83	1.97	2.95	3.98	6.85	7.01	7.09	7.09	7.09	7.20	9.06	9.06
MAX	0.47	0.35	0.28	0.43	0.67	0.16	0.08	0.00	0.00	0.12	1.26	0.00
NO.	2	5	5	4	11	1	1	0	0	1	4	0
											Maximum Daily Rainfall	1.26
											Maximum Monthly Rainfall	2.87
											Total Annual Rainfall	9.06
											Number of Days with Rain	34

Notes:

Annual rainfall in millimeters: 230

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Buckeye FRS # 3 (gage # 6810) for Water Year 2004

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1							.04					
2						.12	.83					
3						.04						
4						.12	.04					
5						.04						
6											.04	
7												
8												
9												
10	.75											
11			.16			.08						
12		.51										
13		.04				.04					.04	
14										.24		
15											.12	
16												
17												
18												
19												
20												
21												
22				.04	.04							
23				.04	.39							
24												
25												
26			.04							.08		
27												
28												
29												
30					-----							
31		-----			-----		-----		-----			-----
SUM	0.75	0.55	0.20	0.08	0.43	0.43	0.91	0.00	0.00	0.31	0.20	0.00
ACC	0.75	1.30	1.50	1.57	2.01	2.44	3.35	3.35	3.35	3.66	3.86	3.86
MAX	0.75	0.51	0.16	0.04	0.39	0.12	0.83	0.00	0.00	0.24	0.12	0.00
NO.	1	2	2	2	2	6	3	0	0	2	3	0
							Maximum Daily Rainfall					0.83
							Maximum Monthly Rainfall					0.91
							Total Annual Rainfall					3.86
							Number of Days with Rain					23

Notes:

Annual rainfall in millimeters: 98

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
 Daily Rainfall at Buckeye FRS # 3 (gage # 6810) for Water Year 2003

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1											.16		
2													
3													
4													
5													
6													
7													
8				.08									
9													
10													
11													
12					.12								
13					1.69						.04		
14					.55						1.06		
15							.08				.08		
16						.39							
17						.04							
18													
19											.04		
20				.08									
21													
22													
23											.08		
24										.04	.04	.08	
25					.55								
26	.28				.24						.12		
27	.04				.08					.04			
28													
29		.31			-----					.31			
30					-----								
31		-----			-----		-----		-----			-----	
SUM	0.31	0.31	0.00	0.16	3.23	0.43	0.08	0.00	0.00	0.39	1.61	0.08	
ACC	0.31	0.63	0.63	0.79	4.02	4.45	4.53	4.53	4.53	4.92	6.54	6.61	
MAX	0.28	0.31	0.00	0.08	1.69	0.39	0.08	0.00	0.00	0.31	1.06	0.08	
NO.	2	1	0	2	6	2	1	0	0	3	8	1	
												Maximum Daily Rainfall	1.69
												Maximum Monthly Rainfall	3.23
												Total Annual Rainfall	6.61
												Number of Days with Rain	26

Notes:

Total annual rainfall in millimeters: 168

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Buckeye FRS #3 (gage # 6810) for Water Year 2000

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4												
5						.59						
6						.94						
7						.24					.08	
8										.04	.04	
9												
10												
11												
12												
13												
14												
15											.08	
16												
17												
18									.47			
19												
20												
21					.28							
22												
23												
24												
25												
26												
27											.04	
28									.04			
29											.28	
30										.04		
31		----			----		----		----			----
SUM	0.00	0.00	0.00	0.00	0.28	1.77	0.00	0.00	0.51	0.08	0.51	0.00
ACC	0.00	0.00	0.00	0.00	0.28	2.05	2.05	2.05	2.56	2.64	3.15	3.15
MAX	0.00	0.00	0.00	0.00	0.28	0.94	0.00	0.00	0.47	0.04	0.28	0.00
NO.	0	0	0	0	1	3	0	0	2	2	5	0
							Maximum Daily Rainfall					0.94
							Maximum Monthly Rainfall					1.77
							Total Annual Rainfall					3.15
							Number of Days with Rain					13

Notes:

Annual rainfall in millimeters: 80

Total down-time: 0 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Buckeye FRS #3 (gage # 6810) for Water Year 1999

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1							.16					
2			.04				.94		.35	.08		
3												
4					.12		.04			----		
5					.04					----		
6			.20							.20		
7												
8										.59		
9												
10										.20		
11												.24
12												
13							.08					
14										.16		
15												
16												
17						.04						
18												.04
19												.31
20												
21												
22												
23												.04
24												
25												
26				.04								
27											.04	
28		.16								.16		
29					----							
30	.08				----		.08				.08	
31		----			----		----		----			----
SUM	0.08	0.16	0.24	0.04	0.16	0.04	1.30	0.00	0.35	1.38	0.12	0.63
ACC	0.08	0.24	0.47	0.51	0.67	0.71	2.01	2.01	2.36	3.74	3.86	4.49
MAX	0.08	0.16	0.20	0.04	0.12	0.04	0.94	0.00	0.35	0.59	0.08	0.31
NO.	1	1	2	1	2	1	5	0	1	6	2	4
							Maximum Daily Rainfall					0.94
							Maximum Monthly Rainfall					1.38
							Total Annual Rainfall					4.49
							Number of Days with Rain					26

Notes:

Annual rainfall in millimeters: 114 Total down-time: 3.34 days
 Gage 6810 down from 7/03 00:09 (62) through 7/06 08:13 (62) for unknown reason; no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Buckeye FRS #3 (gage # 6810) for Water Year 1997

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												.59
2							.04					
3							.63					
4												
5												
6												
7												
8											.83	
9												
10												
11												
12												
13				.43								
14												
15												
16												
17											.04	
18												
19												
20												
21												
22												
23												
24												
25												.20
26				.04								
27					.51							
28					.20							
29										.12	.20	
30											.67	
31												
SUM	0.00	0.00	0.00	0.47	0.71	0.00	0.67	0.00	0.00	0.12	1.73	0.79
ACC	0.00	0.00	0.00	0.47	1.18	1.18	1.85	1.85	1.85	1.97	3.70	4.49
MAX	0.00	0.00	0.00	0.43	0.51	0.00	0.63	0.00	0.00	0.12	0.83	0.59
NO.	0	0	0	2	2	0	2	0	0	1	4	2
											Maximum Daily Rainfall	0.83
											Maximum Monthly Rainfall	1.73
											Total Annual Rainfall	4.49
											Number of Days with Rain	13

Notes:

Annual rainfall in millimeters: 114 Total down-time: 10.0 days
 Gage down from 11/22/96 5:06 (1) through 11/23/96 11:06 (3) for unknown reason; assigned 2mm to 11/22.
 Gage down from 6/20/97 00:11 (47) through 6/23/97 9:48 (47) due to battery failure; no rain fell.
 Gage down from 9/11/97 00:10 (109) through 9/16/97 8:18 (109) due to transmitter failure; no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Buckeye FRS #3 (gage # 6810) for Water Year 1996

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1					.08							
2												
3										.28		
4												.91
5		.16										.43
6												.04
7												
8												
9										.04		
10												
11												.16
12												
13						.04						
14						.98				1.06	.35	
15										.16		
16												
17												
18												
19												
20												
21												
22												
23												
24												
25					.51					.12	.16	
26												
27										.04		
28												
29											.31	
30												
31				.20								
SUM	0.00	0.16	0.00	0.20	0.59	1.02	0.00	0.00	0.00	1.69	0.83	1.54
ACC	0.00	0.16	0.16	0.35	0.94	1.97	1.97	1.97	1.97	3.66	4.49	6.02
MAX	0.00	0.16	0.00	0.20	0.51	0.98	0.00	0.00	0.00	1.06	0.35	0.91
NO.	0	1	0	1	2	2	0	0	0	6	3	4
							Maximum Daily Rainfall					1.06
							Maximum Monthly Rainfall					1.69
							Estimated Annual Rainfall					6.02
							Number of Days with Rain					19

Notes:

Estimated annual Rainfall in mm: 153

Tipping bucket damaged by vandals from 11/01 through 11/29, 0.16 inches estimated from surrounding gages for 11/05; monthly and annual totals are estimated.

Flood Control District of Maricopa County ALERT System
 Daily Rainfall at Buckeye FRS #3 (gage # 6810) for Water Year 1995

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4				0.43								
5			0.24	0.31								
6			0.08			0.31						0.12
7												0.12
8												
9												
10												
11						0.28						
12		0.43		0.04		0.16						
13					0.04						0.04	
14											0.08	
15	0.20										0.39	
16												
17				0.20								
18							0.55					
19							0.12					
20											0.59	
21					0.12						0.20	
22					0.12							
23			0.51									
24			0.20									
25			0.43	0.43								
26			0.12									
27												
28												
29			0.04									
30												
31												
SUM	0.20	0.43	1.61	1.42	0.28	0.75	0.67	0.00	0.00	0.00	1.30	0.24
ACC	0.20	0.63	2.24	3.66	3.94	4.69	5.35	5.35	5.35	5.35	6.65	6.89
MAX	0.20	0.43	0.51	0.43	0.12	0.31	0.55	0.00	0.00	0.00	0.59	0.12
NO.	1	1	7	5	3	3	2	0	0	0	5	2
											Maximum Daily Rainfall	0.59
											Maximum Monthly Rainfall	1.61
											Total Annual Rainfall	6.89
											Number of Days with Rain	29

Notes:
 Gage down from 1/09 22:29 (82) through 1/22 10:29 (82) and 1/24 22:28 (82) through 1/26 10:33 (93) due to radio failure; assigned rainfall to 1/25.
 Annual rainfall in mm: 175

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Buckeye FRS #3 (gauge # 6810) for Water Year 1994

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												0.16
5										0.20		
6	0.43											
7	0.08				0.24	0.31						
8					0.16					0.16		
9												
10												0.20
11												
12												
13		0.16										
14		0.55										
15		0.47										
16	0.04											
17										0.12		
18										0.12		
19						0.08						
20												0.04
21												0.55
22												
23												
24								0.08				
25						0.63						
26						0.04	0.04					
27												
28										0.20		
29												
30												
31												
SUM	0.55	1.18	0.00	0.00	0.39	1.06	0.04	0.08	0.00	0.43	0.35	0.94
ACC	0.55	1.73	1.73	1.73	2.13	3.19	3.23	3.31	3.31	3.74	4.09	5.08
MAX	0.43	0.55	0.00	0.00	0.24	0.63	0.04	0.08	0.00	0.20	0.20	0.55
NO.	3	3	0	0	2	4	1	1	0	3	2	4
							Maximum Daily Rainfall					0.63
							Maximum Monthly Rainfall					1.18
							Total Annual Rainfall					5.08
							Number of Days with Rain					23

Notes:
Annual rainfall in mm: 129

