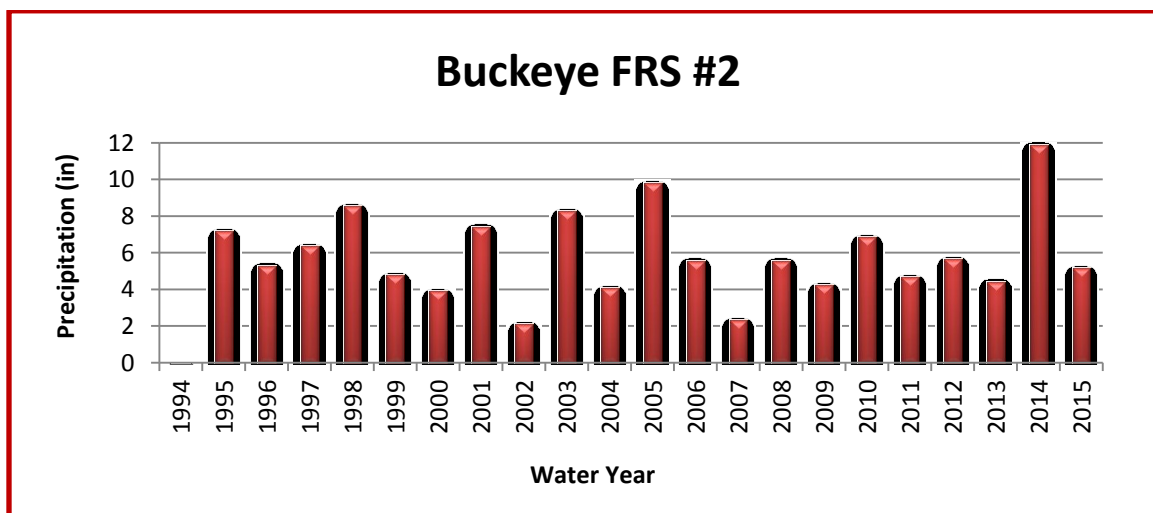




Station Name: Buckeye FRS #2

Station ID Number History:	5205 since installation
Station Type:	Rain / Stage
Data Begins:	11/11/1992
Years Since Installation:	22.89 (as of 10/01/15)
Data Repeater:	White Tank Peak
County:	Maricopa
Latitude:	33° 26' 22.3" (33.43954)
Longitude:	112° 35' 47.4" (112.59650)
Elevation:	1,115 ft. msl
Location:	5 miles North of Buckeye, near the alignments of Yuma and Miller Roads
Data Record:	
Incomplete Months:	03/94
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:	3	
Number of storms greater than 3 inches in 24 hours:	0	
		Approx. T_r
Greatest 15 minute total:	0.87" on 08/17/01	13 years
Greatest 1 hour total:	1.73" on 08/09/05	31 years
Greatest 3 hour total:	2.24" on 09/08/14	52 years
Greatest 6 hour total:	2.95" on 09/08/14	155 years
Greatest 24 hour total:	2.95" on 09/08/14	28 years
Greatest 72 hour total:	3.27" on 02/13/03	22 years

Water Year Totals: (Mean of Complete Water Years [21] = 5.89 inches)

Water Year	Total	Water Year	Total	Water Year	Total
2020		2010	6.85	2000	3.90
2019		2009	4.21	1999	4.76
2018		2008	5.55	1998	8.54
2017		2007	2.32	1997	6.34
2016		2006	5.55	1996	5.28
2015	5.12	2005	9.80	1995	7.17
2014	11.89	2004	4.06	1994	M
2013	4.41	2003	8.27	1993	M
2012	5.63	2002	2.09	1992	
2011	4.65	2001	7.40	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 #2 (gage # 5205) for Water Year 2014

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1						1.18					.12		
2											.04		
3										.67			
4		.12								.04			
5													
6													
7													
8												2.95	
9												.04	
10	.08												
11													
12											.20		
13										.43	.24		
14													
15													
16													
17											.47		
18											.04		
19			.04								.39		
20			.35										
21		.08									.87		
22		1.61											
23		.20											
24													
25											.08		
26											.04		
27												.71	
28												.12	
29					----								
30					----								
31		----			----		----		----	.79		----	
SUM	0.08	2.01	0.39	0.00	0.00	1.18	0.00	0.00	0.00	1.93	2.48	3.82	
ACC	0.08	2.09	2.48	2.48	2.48	3.66	3.66	3.66	3.66	5.59	8.07	11.89	
MAX	0.08	1.61	0.35	0.00	0.00	1.18	0.00	0.00	0.00	0.79	0.87	2.95	
NO.	1	4	2	0	0	1	0	0	0	3	10	4	
												Maximum Daily Rainfall	2.95
												Maximum Monthly Rainfall	3.82
												Total Annual Rainfall	11.89
												Number of Days with Rain	25

Flood Control District of Maricopa County ALERT System
 Daily Rainfall at Buckeye FRS #2 (gage # 5205) 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						.31							
9												.31	
10												.08	
11	.24				.04				.04				
12													
13			.04										
14			.20										
15			.24										
16													
17											.04		
18			.12								.04		
19													
20									.04				
21									.20				
22												----	
23													
24											.35		
25											.04		
26				1.14							.08		
27				.08									
28				.08							.71		
29					----								
30					----								
31		----			----		----		----			----	
SUM	0.24	0.00	0.59	1.30	0.04	0.31	0.00	0.00	0.00	0.28	1.26	0.39	
ACC	0.24	0.24	0.83	2.13	2.17	2.48	2.48	2.48	2.48	2.76	4.02	4.41	
MAX	0.24	0.00	0.24	1.14	0.04	0.31	0.00	0.00	0.00	0.20	0.71	0.31	
NO.	1	0	4	3	1	1	0	0	0	3	6	2	
												Maximum Daily Rainfall	1.14
												Maximum Monthly Rainfall	1.30
												Total Annual Rainfall	4.41
												Number of Days with Rain	21

Gage 5205 down from 8/01 05:25 (70) through 8/03 22:00 (70) due to programming error; no rain fell.
 Gage 5205 down from 9/21 02:11 (112) through 9/23 14:11 (112) due to repeater failure; no rain fell.

Flood Control District of Maricopa County ALERT System
 Daily Rainfall at Buckeye FRS # 2 (gage # 5205) for Water Year 2009

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4												
5												
6												
7					.12							
8					.04							
9					.35							
10											----	
11							.31				----	
12												
13											.20	
14												
15												
16			.63									
17			.16		.04							
18			.16									
19												
20												
21										.51		
22			.12					.16			.24	
23				----								
24				----								
25			.04	----								
26		.16	.16									----
27		.75										----
28												
29					----							
30					----							
31		----			----		----		----			----
SUM	0.00	0.91	1.26	0.00	0.55	0.00	0.31	0.16	0.00	0.51	0.43	0.00
ACC	0.00	0.91	2.24	2.24	2.80	2.80	3.11	3.27	3.27	3.78	4.21	4.21
MAX	0.00	0.75	0.63	0.00	0.35	0.00	0.31	0.16	0.00	0.51	0.24	0.00
NO.	0	2	6	0	4	0	1	1	0	1	2	0
							Maximum Daily Rainfall					0.75
							Maximum Monthly Rainfall					1.34
							Total Annual Rainfall					4.21
							Number of Days with Rain					17

Notes:

Annual rainfall in millimeters: 107 Total down-time: 9.72 days
 Gage 5205 down from 1/22 11:42 (57) through 1/26 07:52 (57) due to transmitter failure; no rain fell.
 Gage 5205 down from 8/09 20:36 (96) through 8/12 08:21 (96) due to programming error; no rain fell.
 Gage 5205 down from 9/25 01:22 (107) through 9/28 10:43 (107) due to transmitter failure; no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Buckeye FRS # 2 (gage # 5205) for Water Year 2008

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep			
1			.31												
2															
3															
4															
5															
6															
7			.08	.51											
8															
9															
10										.51					
11										.08					
12															
13										.31					
14										.51	.08				
15					.04										
16															
17															
18															
19															
20															
21															
22															
23									.04						
24				.24				.04							
25											.12				
26											.20				
27				1.10											
28				.08											
29											.04				
30		1.10			----										
31		----			----		----		----		.12	----			
SUM	0.00	1.10	0.39	1.93	0.04	0.00	0.00	0.08	0.00	1.42	0.55	0.00			
ACC	0.00	1.10	1.50	3.43	3.46	3.46	3.46	3.54	3.54	4.96	5.55	5.55			
MAX	0.00	1.10	0.31	1.10	0.04	0.00	0.00	0.04	0.00	0.51	0.20	0.00			
NO.	0	1	2	4	1	0	0	2	0	4	5	0			
													Maximum Daily Rainfall	1.10	
														Maximum Monthly Rainfall	1.93
														Total Annual Rainfall	5.55
														Number of Days with Rain	19

Notes:

Annual rainfall in millimeters: 141

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Buckeye FRS # 2 (gage # 5205) 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				.20	.55							
20												
21												.04
22						.67						
23						.04				.08		
24						.04				.39		
25											.12	
26												
27												
28			.12							.04		
29					----							
30					----							
31		----			----		----		----			----
SUM	0.00	0.00	0.12	0.20	0.55	0.75	0.00	0.00	0.00	0.51	0.16	0.04
ACC	0.00	0.00	0.12	0.31	0.87	1.61	1.61	1.61	1.61	2.13	2.28	2.32
MAX	0.00	0.00	0.12	0.20	0.55	0.67	0.00	0.00	0.00	0.39	0.12	0.04
NO.	0	0	1	1	1	3	0	0	0	3	2	1
							Maximum Daily Rainfall					0.67
							Maximum Monthly Rainfall					0.75
							Total Annual Rainfall					2.32
							Number of Days with Rain					12

Notes:

Annual rainfall in millimeters: 59

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Buckeye FRS # 2 (gage # 5205) for Water Year 2005

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2											.12	
3				.47							.16	
4			.16	.43								
5			.31			.12						
6			.16									
7		.28										
8		.51									.28	
9											1.97	
10					.04							
11					.67							
12		.24			.35							
13												
14												
15							-----					
16												
17					.08							
18					.08					.04		
19					.67							
20					.08							
21	.43	.04			.04							
22		.35			.24							
23					.16		.08					
24				.04	.12							
25												
26				.12								
27												
28	.51		.08									
29			.39		-----							
30					-----							
31		-----			-----		-----		-----			-----
SUM	0.94	1.42	1.10	1.06	2.52	0.12	0.08	0.00	0.00	0.04	2.52	0.00
ACC	0.94	2.36	3.46	4.53	7.05	7.17	7.24	7.24	7.24	7.28	9.80	9.80
MAX	0.51	0.51	0.39	0.47	0.67	0.12	0.08	0.00	0.00	0.04	1.97	0.00
NO.	2	5	5	4	11	1	1	0	0	1	4	0
											Maximum Daily Rainfall	1.97
											Maximum Monthly Rainfall	2.52
											Total Annual Rainfall	9.80
											Number of Days with Rain	34

Notes:

Annual rainfall in millimeters: 249 Total down-time: 2.25 days
 Gage 5205 down from 5/14 04:51 (184) through 5/16 10:51 (184) due to repeater failure; no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Buckeye FRS # 2 (gage # 5205) for Water Year 2004

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1							.04					
2						.04	1.22					
3						.08						
4						.08						
5						.08						
6											.12	
7												
8												
9												
10	.55											
11			.20			.16						
12		.39										
13											.31	
14										.20		
15												
16												
17												
18												
19												.04
20												
21												
22				.04	.04							
23				.04	.31							
24												
25												
26			.08									
27												
28												
29												
30												
31												
SUM	0.55	0.39	0.28	0.08	0.35	0.43	1.26	0.00	0.00	0.20	0.43	0.04
ACC	0.55	0.94	1.22	1.30	1.65	2.09	3.39	3.39	3.39	3.58	4.02	4.06
MAX	0.55	0.39	0.20	0.04	0.31	0.16	1.22	0.00	0.00	0.20	0.31	0.04
NO.	1	1	2	2	2	5	2	0	0	1	2	1
							Maximum Daily Rainfall					1.22
							Maximum Monthly Rainfall					1.30
							Total Annual Rainfall					4.06
							Number of Days with Rain					19

Notes:

Annual rainfall in millimeters: 103

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Buckeye FRS # 2 (gage # 5205) for Water Year 2001

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3										.28	1.22	
4		.16										
5										.04		
6										.79		
7						.43						
8												
9				.08								
10												
11												
12				.28								
13					.16							
14					.28						.20	
15				.08								
16												
17											1.14	
18												
19												
20												
21	.04						.08					
22	.43											
23	.12											
24												
25					.12							
26												
27	.31			.12	.20							
28	.04				.12							
29					----							
30	.39				----					.31		
31		----			----		----		----			----
SUM	1.34	0.16	0.00	0.55	0.87	0.43	0.08	0.00	0.00	1.42	2.56	0.00
ACC	1.34	1.50	1.50	2.05	2.91	3.35	3.43	3.43	3.43	4.84	7.40	7.40
MAX	0.43	0.16	0.00	0.28	0.28	0.43	0.08	0.00	0.00	0.79	1.22	0.00
NO.	6	1	0	4	5	1	1	0	0	4	3	0
							Maximum Daily Rainfall				1.22	
							Maximum Monthly Rainfall				2.56	
							Total Annual Rainfall				7.40	
							Number of Days with Rain				25	

Notes:

Annual rainfall in millimeters: 188

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Buckeye FRS # 2 (gage # 5205) for Water Year 2000

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4												
5						.59					.16	
6						.91						
7						.28					.28	
8												
9												
10												
11												
12												
13												
14												
15											.16	
16												
17												
18									.20			
19												
20												
21					.35							
22									.16		.08	
23												
24												
25												
26												
27											.12	
28									.20			
29											.39	
30					----							
31		----			----		----		----	.04		----
SUM	0.00	0.00	0.00	0.00	0.35	1.77	0.00	0.00	0.55	0.04	1.18	0.00
ACC	0.00	0.00	0.00	0.00	0.35	2.13	2.13	2.13	2.68	2.72	3.90	3.90
MAX	0.00	0.00	0.00	0.00	0.35	0.91	0.00	0.00	0.20	0.04	0.39	0.00
NO.	0	0	0	0	1	3	0	0	3	1	6	0
							Maximum Daily Rainfall				0.91	
							Maximum Monthly Rainfall				1.77	
							Total Annual Rainfall				3.90	
							Number of Days with Rain				14	

Notes:

Annual rainfall in millimeters: 99

Total down-time: 0 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Buckeye FRS # 2 (gage # 5205) for Water Year 1999

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1							.20					
2							.87		.24			
3												
4					.08		.08					
5					.04							
6			.24							.08		
7						.04						
8										.75		
9										.12		
10										.24		
11										.04		.16
12												
13							.08					
14										.20		
15										.12		
16												
17						.04						
18												
19												.35
20												
21												
22												
23												.12
24												
25				.08								
26												
27											.20	
28		.16								.08		
29					----					.04		
30	.08				----		.04					
31		----			----		----		----		.04	----
SUM	0.08	0.16	0.24	0.08	0.12	0.08	1.26	0.00	0.24	1.65	0.24	0.63
ACC	0.08	0.24	0.47	0.55	0.67	0.75	2.01	2.01	2.24	3.90	4.13	4.76
MAX	0.08	0.16	0.24	0.08	0.08	0.04	0.87	0.00	0.24	0.75	0.20	0.35
NO.	1	1	1	1	2	2	5	0	1	9	2	3
							Maximum Daily Rainfall					0.87
							Maximum Monthly Rainfall					1.65
							Total Annual Rainfall					4.76
							Number of Days with Rain					28

Notes:

Annual rainfall in millimeters: 121

Total down-time: 0 days

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Buckeye FRS # 2 (gage # 5205) for Water Year 1998

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1							.12					
2												
3												
4					.63							.20
5												
6											.28	.28
7			.24		.04					.16	.20	.28
8					.83						.28	.04
9					.20							
10				.08								
11		.04					.16				.47	.12
12							.04				.08	
13												
14					.08	.08						
15					.51							
16												.04
17					.83							
18												
19										.28		
20					.20							
21			.59									
22			.08							.04		
23			.04									
24					.51							
25												
26						.28						
27												
28						.28						
29						.12						
30												
31												
SUM	0.00	0.04	0.94	0.08	3.82	0.75	0.31	0.00	0.00	0.47	1.30	0.67
ACC	0.00	0.04	0.98	1.06	4.88	5.63	5.94	5.94	5.94	6.50	7.80	8.54
MAX	0.00	0.04	0.59	0.08	0.83	0.28	0.16	0.00	0.00	0.28	0.47	0.28
NO.	0	1	4	1	9	4	3	0	0	3	5	5
							Maximum Daily Rainfall					0.83
							Maximum Monthly Rainfall					3.82
							Total Annual Rainfall					8.54
							Number of Days with Rain					35

Notes:

Annual rainfall in millimeters: 217 Total down-time: 3.5 days
 Gage down from 08/25 21:42 (198) through 08/29 09:42 (198) for unknown reason; no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Buckeye FRS # 2 (gage # 5205) for Water Year 1995

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1													
2													
3													
4				0.43									
5			0.35	0.43									
6						0.35						0.04	
7												0.12	
8													
9													
10													
11						0.39							
12		0.43		0.04		0.08							
13					0.04						0.12		
14											0.55		
15	0.24										0.12		
16							0.04						
17				0.12									
18							0.47						
19							0.08						
20											0.59		
21											0.12		
22					0.16								
23			0.47		0.04						0.04		
24			0.04								0.04		
25			0.55	0.47									
26			0.16	0.04									
27													
28													
29													
30													
31													
SUM	0.24	0.43	1.57	1.54	0.24	0.83	0.59	0.00	0.00	0.00	1.57	0.16	
ACC	0.24	0.67	2.24	3.78	4.02	4.84	5.43	5.43	5.43	5.43	7.01	7.17	
MAX	0.24	0.43	0.55	0.47	0.16	0.39	0.47	0.00	0.00	0.00	0.59	0.12	
NO.	1	1	5	6	3	3	3	0	0	0	7	2	
												Maximum Daily Rainfall	0.59
												Maximum Monthly Rainfall	1.57
												Total Annual Rainfall	7.17
												Number of Days with Rain	31

Notes:
Annual rainfall in mm: 182

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Buckeye FRS # 2 (gage # 5205) for Water Year 1993

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4			.91									
5												
6				.35							.55	
7			.04	.47								
8			1.06	.47	1.02							
9				.04								
10			.04	.63								
11				.39								
12				.12								
13				.04								
14												
15				.08	.43							
16				.24				.08				
17				.51								
18			.04	.08								
19											.04	
20												
21												
22												
23												
24												
25											.24	
26						.12						
27			.16									
28			.71		.75	.35						
29			.08			.12					.94	
30												
31												
SUM	----	0.00	3.03	3.43	2.20	0.59	0.00	0.08	0.00	0.00	1.77	0.00
ACC	----	0.00	3.03	6.46	8.66	9.25	9.25	9.33	9.33	9.33	11.10	11.10
MAX	----	0.00	1.06	0.63	1.02	0.35	0.00	0.08	0.00	0.00	0.94	0.00
NO.	----	0	8	12	3	3	0	1	0	0	4	0
							Maximum Daily Rainfall				1.06	
							Maximum Monthly Rainfall				3.43	
							Partial Annual Rainfall				11.10	
							Number of Days with Rain				31	

Station installed Nov. 11, 1992