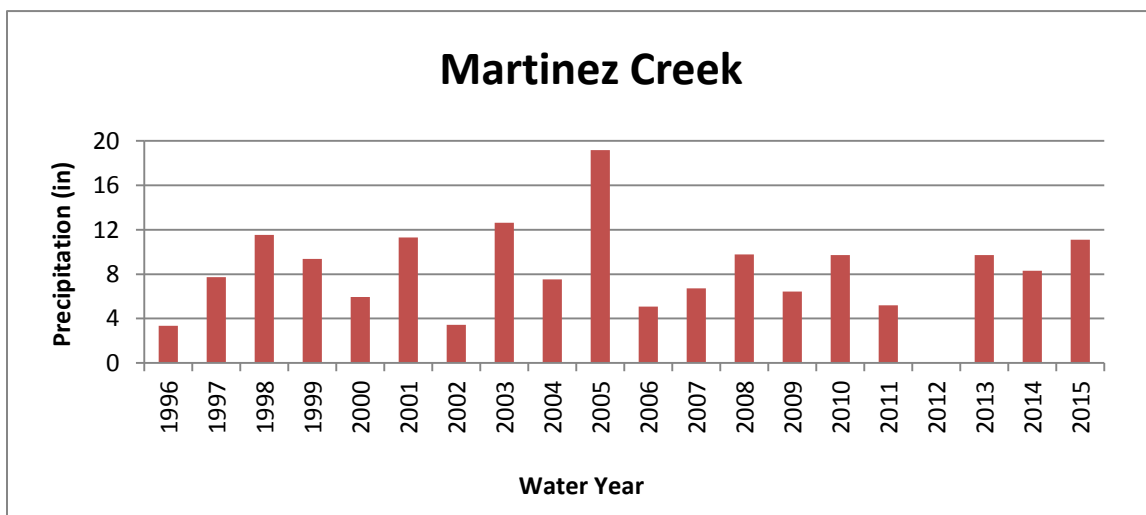


Station Name: Martinez Creek

Station ID Number History:	7010 since 11/23/94
Station Type:	Rain / Stream
Data Begins:	11/23/1994
Years Since Installation:	20.85 (as of 10/01/15)
Data Repeater:	Yarnell Hill
County:	Yavapai
Latitude:	34° 01' 41.8" (34.02828)
Longitude:	112° 47' 32.1" (112.79224)
Elevation:	2,370 ft. msl
Location:	1 mi. east of the US 93 / US 89 junction
Data Record:	
Incomplete Months:	11/11
Missing Months:	None
Remarks:	Records Fair



Data Statistics for Period of Record:

Number of storms greater than 1 inch in 24 hours:	44	
Number of storms greater than 2 inches in 24 hours:	9	
Number of storms greater than 3 inches in 24 hours:	2	
		Approx. Tr
Greatest 15 minute total:	0.87" on 08/13/03	7 years
Greatest 1 hour total:	1.50" on 07/14/12	7 years
Greatest 3 hour total:	2.48" on 10/21/00	32 years
Greatest 6 hour total:	2.64" on 10/21/00	22 years
Greatest 24 hour total:	3.43" on 09/26/97	21 years
Greatest 72 hour total:	3.70" on 01/21/10	16 years

Water Year Totals: (Mean of Complete Water Years [19] = 8.63 inches)

Water Year	Total	Water Year	Total	Water Year	Total
2020		2010	9.72	2000	5.94
2019		2009	6.42	1999	9.37
2018		2008	9.76	1998	11.54
2017		2007	6.73	1997	7.72
2016		2006	5.08	1996	3.35
2015	11.10	2005	19.17	1995	M
2014	8.31	2004	7.52	1994	
2013	9.72	2003	12.64	1993	
2012	M	2002	3.43	1992	
2011	5.20	2001	11.30	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 Martinez Creek (gage # 7010) for Water Year 2013

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4												
5												
6											.04	.04
7												
8						.24						
9												
10												1.50
11												
12												
13			.04									
14			.20									
15			.35							.16		
16			.08							.20		
17										.04		
18												
19			.04									
20					.12							
21					.08							
22										.43	.24	
23												
24				.04						.24	2.09	
25				.12				----			.16	
26				1.10				----		.47	.94	
27				.20				----			.12	
28				.04				----			.12	
29						----					.20	
30			.04			----					.04	
31		----				----	----		----		.04	----
SUM	0.00	0.00	0.75	1.50	0.20	0.24	0.00	0.00	0.00	1.54	3.98	1.54
ACC	0.00	0.00	0.75	2.24	2.44	2.68	2.68	2.68	2.68	4.21	8.19	9.72
MAX	0.00	0.00	0.35	1.10	0.12	0.24	0.00	0.00	0.00	0.47	2.24	1.50
NO.	0	0	6	5	2	1	0	0	0	6	10	2
	Maximum Daily Rainfall											2.24
	Maximum Monthly Rainfall											4.13
	Total Annual Rainfall											9.72
	Number of Days with Rain											32

Gage 7010 down from 5/24 04:13 (68) through 5/29 08:38 (68) due to transmitter failure; no rain fell.

Flood Control District of Maricopa County ALERT System
 Daily Rainfall at Martinez Creek (gage # 7010) for Water Year 2012

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			.08									.51
2			.12									
3												
4										.28		
5	.04											
6												.04
7												
8												
9												
10												.04
11										.04		.12
12			.63									
13			.71									
14			.16							1.77		
15										.04		
16											.51	
17			.04								.04	
18			.12			1.14						
19												
20												
21										.16	.08	
22										.04		
23				.04							.12	
24												
25												
26										----		
27							.04			----		
28												
29												
30										.12		
31		----					----		----			----
SUM	0.04	0.00	1.85	0.04	0.00	1.14	0.04	0.00	0.00	2.44	0.75	0.71
ACC	0.04	0.04	1.89	1.93	1.93	3.07	3.11	3.11	3.11	5.55	6.30	7.01
MAX	0.04	0.00	0.71	0.04	0.00	1.14	0.04	0.00	0.00	1.77	0.51	0.51
NO.	1	0	7	1	0	1	1	0	0	7	4	4
							Maximum Daily Rainfall					1.77
							Maximum Monthly Rainfall					2.44
							Partial Annual Rainfall					7.01
							Number of Days with Rain					26

Gage 7010 – found a plugged rain funnel on 11/15; no estimate made; inaccurate monthly & annual totals.
 Gage 7010 down from 7/26 03:26 (138) through 7/28 15:26 (138) due to repeater failure; no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Martinez Creek (gage # 7010) for Water Year 2010

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1											.16	
2												
3												
4												
5												
6					.20	.08						
7			1.02		.20	.79					.12	
8						.08						
9												
10												
11												
12												
13			.12									
14												
15												
16												
17											.24	
18				.08								
19				1.06								
20				.04	.43							
21				2.60	.31							
22				.08	.08						.28	
23										.31	.04	
24												
25												
26												
27					.39			----				
28					.20			----				
29					----			----		.83		
30					----			----				
31		----			----		----	----	----			----
SUM	0.00	0.00	1.14	3.86	1.81	0.94	0.00	0.00	0.00	1.14	0.83	0.00
ACC	0.00	0.00	1.14	5.00	6.81	7.76	7.76	7.76	7.76	8.90	9.72	9.72
MAX	0.00	0.00	1.02	2.60	0.44	0.79	0.00	0.00	0.00	0.83	0.28	0.00
NO.	0	0	2	5	7	3	0	0	0	2	5	0
	Maximum Daily Rainfall											2.60
	Maximum Monthly Rainfall											3.86
	Total Annual Rainfall											9.72
	Number of Days with Rain											24

Notes:

Annual rainfall in millimeters: 247

Gage 7010 down from 05/26 18:34 (197) through 06/01 08:43 (197) due to transmitter failure; no rain fell.

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Martinez Creek (gage # 7010) for Water Year 2007

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1											.87	
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14	.28											
15												
16												
17												
18												
19				.24	.51							
20				.04	.04							
21												
22			.04			.75						.94
23						.24				.51		
24						.04						
25										.04		
26												
27												
28			.08							.20		
29												
30				.04	----							
31		----		.59	----		----		----	1.22	.08	----
SUM	0.28	0.00	0.12	0.91	0.55	1.02	0.00	0.00	0.00	1.97	0.94	0.94
ACC	0.28	0.28	0.39	1.30	1.85	2.87	2.87	2.87	2.87	4.84	5.79	6.73
MAX	0.28	0.00	0.08	0.59	0.51	0.75	0.00	0.00	0.00	1.22	0.87	0.94
NO.	1	0	2	4	2	3	0	0	0	4	2	1
										Maximum Daily Rainfall		1.22
										Maximum Monthly Rainfall		1.97
										Total Annual Rainfall		6.73
										Number of Days with Rain		19

Notes:

Annual rainfall in millimeters: 171

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Martinez Creek (gage # 7010) for Water Year 2004

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2							1.26					
3				.20	.04	.04						
4						.39						
5												
6												
7							.12					
8												
9												
10	.16											
11		.04	.35								.20	
12		1.26	.04							.20		
13												
14										.04		
15											.28	
16										.12		
17												
18												
19					.08						.35	1.18
20												
21												
22				.04	.08							
23					.63							
24					.04							
25												
26										.31		
27										.04		
28												
29												
30					-----							
31		-----			-----		-----		-----			-----
SUM	0.16	1.30	0.39	0.24	0.87	0.43	1.38	0.00	0.00	0.71	0.83	1.18
ACC	0.16	1.46	1.85	2.09	2.99	3.43	4.80	4.80	4.80	5.51	6.34	7.52
MAX	0.16	1.26	0.35	0.20	0.63	0.39	1.26	0.00	0.00	0.31	0.35	1.18
NO.	1	2	2	2	5	2	2	0	0	5	3	1
							Maximum Daily Rainfall					1.26
							Maximum Monthly Rainfall					1.38
							Total Annual Rainfall					7.52
							Number of Days with Rain					25

Notes:

Annual rainfall in millimeters: 191

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Martinez Creek (gage # 7010) for Water Year 2002

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4			.24								.08	
5		.16			-----						.31	
6	.24				-----		.12					.28
7	.43											.71
8												.16
9										.35		
10												
11												
12												
13												
14			.04							.31		
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					-----							
30					-----							
31		-----			-----		-----		-----			-----
SUM	0.67	0.16	0.28	0.00	0.00	0.00	0.12	0.00	0.00	0.67	0.39	1.14
ACC	0.67	0.83	1.10	1.10	1.10	1.10	1.22	1.22	1.22	1.89	2.28	3.43
MAX	0.43	0.16	0.24	0.00	0.00	0.00	0.12	0.00	0.00	0.35	0.31	0.71
NO.	2	1	2	0	0	0	1	0	0	2	2	3
	Maximum Daily Rainfall											0.71
	Maximum Monthly Rainfall											1.14
	Total Annual Rainfall											3.43
	Number of Days with Rain											13

Notes:

Total annual rainfall in millimeters: 87 Total down-time: 2.45 days
 Gage 7010 down from 02/04 22:51 (28) through 02/07 09:35 (28) due to antenna failure; no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Martinez Creek (gage # 7010) for Water Year 2000

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2				.16								
3												
4											.12	
5						.98						
6						.28						
7						.16						
8												
9												
10												
11												
12											.08	
13											.08	
14											.04	----
15												----
16												
17												
18												
19												
20									.43			
21					.47							
22												
23									.08			
24					.04							
25											.28	
26												
27											.47	
28						.08						
29									.04		2.09	
30					----				.04			
31		----			----	.04	----		----			----
SUM	0.00	0.00	0.00	0.16	0.51	1.54	0.00	0.00	0.59	0.00	3.15	0.00
ACC	0.00	0.00	0.00	0.16	0.67	2.20	2.20	2.20	2.80	2.80	5.94	5.94
MAX	0.00	0.00	0.00	0.16	0.47	0.98	0.00	0.00	0.43	0.00	2.09	0.00
NO.	0	0	0	1	2	5	0	0	4	0	7	0
											Maximum Daily Rainfall	2.09
											Maximum Monthly Rainfall	3.15
											Total Annual Rainfall	5.94
											Number of Days with Rain	19

Notes:

Annual rainfall in millimeters: 151 Total down-time: 3.25 days
 Gage 7010 down from 9/13 03:08 (151) through 9/16 09:08 (151) for unknown reason; no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Martinez Creek (gage # 7010) for Water Year 1998

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP		
1							.24					.08		
2														
3				.16	.20									
4				.20	.59							.39		
5				.04										
6			.43		.04									
7			.55								.12			
8			.04		.63						.59			
9				.04	.47							.04		
10				.39								.04		
11				.04										
12							.04				.20			
13		.08						.08						
14		.08			.31	.04								
15					.20	.04								
16												.04		
17					.75	.12					.08			
18														
19										.20				
20					.28					----				
21			.47							.16				
22			.51							.12				
23														
24					.28					.31	.55			
25														
26						.91								
27														
28						.31								
29					----	.04								
30					----									
31		----			----		----		----		.04	----		
SUM	0.00	0.16	2.01	0.87	3.74	1.46	0.28	0.08	0.00	0.79	1.57	0.59		
ACC	0.00	0.16	2.17	3.03	6.77	8.23	8.50	8.58	8.58	9.37	10.94	11.54		
MAX	0.00	0.08	0.55	0.39	0.75	0.91	0.24	0.08	0.00	0.31	0.59	0.39		
NO.	0	2	5	6	10	6	2	1	0	4	6	5		
												Maximum Daily Rainfall	0.91	
													Maximum Monthly Rainfall	3.74
													Total Annual Rainfall	11.54
													Number of Days with Rain	47

Notes:

Annual rainfall in millimeters: 293 Total down-time: 1.9 days
 Gage down from 7/19 13:54 (218) through 7/21 10:17 (223) due to battery failure; assigned 5mm to 7/19.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Martinez Creek (gage # 7010) for Water Year 1997

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1												.28	
2											.08	.04	
3				.20			.59				.04		
4							.43				.04		
5												.16	
6												.04	
7													
8											.35		
9											.12		
10													
11													
12				.08									
13				.47									
14													
15													
16													
17													
18													
19													
20													
21													
22										.04			
23		.04											
24													
25												1.30	
26				.08								2.13	
27				.16	.67						.16		
28					.20								
29											.04		
30													
31													
SUM	0.00	0.04	0.00	0.98	0.87	0.00	1.02	0.00	0.00	0.04	0.83	3.94	
ACC	0.00	0.04	0.04	1.02	1.89	1.89	2.91	2.91	2.91	2.95	3.78	7.72	
MAX	0.00	0.04	0.00	0.47	0.67	0.00	0.59	0.00	0.00	0.04	0.35	2.13	
NO.	0	1	0	5	2	0	2	0	0	1	7	6	
												Maximum Daily Rainfall	2.13
												Maximum Monthly Rainfall	3.94
												Total Annual Rainfall	7.72
												Number of Days with Rain	24

Notes:

Annual rainfall in millimeters: 196

Total down-time: 0 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Martinez Creek (gage # 7010) for Water Year 1996

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1		.31			.24								
2					.04								
3										.16			
4										.08			
5												.24	
6		.08											
7													
8													
9												.04	
10												.20	
11												.20	
12												.04	
13						.20							
14						.31					.04		
15													
16													
17													
18													
19													
20													
21													
22					.04								
23													
24													
25										.08			
26					.24					.24			
27					.08					.04			
28										.39	.08		
29													
30													
31													
SUM	0.00	0.39	0.00	0.00	0.63	0.51	0.00	0.00	0.00	0.98	0.12	0.71	
ACC	0.00	0.39	0.39	0.39	1.02	1.54	1.54	1.54	1.54	2.52	2.64	3.35	
MAX	0.00	0.31	0.00	0.00	0.24	0.31	0.00	0.00	0.00	0.39	0.08	0.24	
NO.	0	2	0	0	5	2	0	0	0	6	2	5	
												Maximum Daily Rainfall	0.39
												Maximum Monthly Rainfall	0.98
												Total Annual Rainfall	3.35
												Number of Days with Rain	22

Notes:
Annual Rainfall in mm: 85

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Martinez Creek (gage # 7010) for Water Year 1995

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4				0.83								
5			0.51	0.39		0.20						
6			0.08			0.35		0.04				
7												
8												
9												
10												
11						0.43					0.20	
12				0.08							0.04	
13												
14					2.32					0.98	0.24	
15					0.12						0.08	
16												0.16
17				0.31								
18							0.39					
19							0.24					
20												
21											0.12	
22												
23			0.12									
24											0.31	
25			1.22	1.50							0.51	
26			0.12	0.24								
27												
28					0.12							
29			0.12						0.35			
30										0.12		
31												
SUM	----	0.00	2.17	3.35	2.56	0.98	0.63	0.04	0.35	1.10	1.50	0.16
ACC	----	0.00	2.17	5.51	8.11	9.09	9.72	9.76	10.12	11.22	12.72	12.87
MAX	----	0.00	1.22	1.50	2.32	0.43	0.39	0.04	0.35	0.98	0.51	0.16
NO.	----	0	6	6	3	3	2	1	1	2	7	1
							Maximum Daily Rainfall					2.32
							Maximum Monthly Rainfall					3.35
							Partial Annual Rainfall					12.87
							Number of Days with Rain					32

Notes:

Gage installed 11/23/94.
Partial annual rainfall in mm: 327