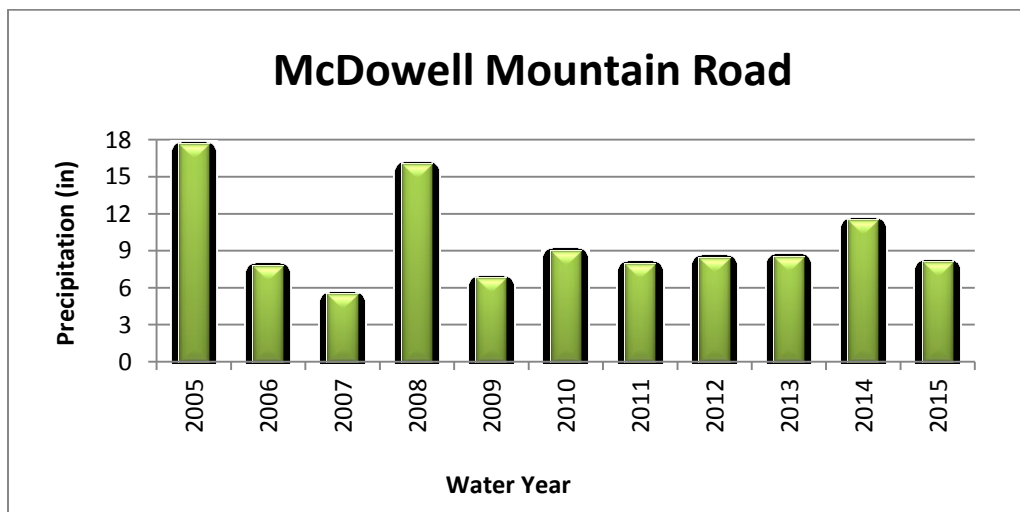


## Station Name: McDowell Mountain Road

<b>Station ID Number History:</b>	5920 since 05/18/2004
<b>Station Type:</b>	Rain / Stream
<b>Data Begins:</b>	05/18/2004
<b>Years Since Installation:</b>	11.37 (as of 10/01/15)
<b>Data Repeater:</b>	Mt. Ord
<b>County:</b>	Maricopa
<b>Latitude:</b>	33° 39' 24.1" (33.65667)
<b>Longitude:</b>	111° 42' 22.8" (111.70634)
<b>Elevation:</b>	1,635 ft. msl
<b>Location:</b>	In McDowell Mtn. Park, 2 miles N of Fountain Hills
<b>Data Record:</b>	
Incomplete Months:	None
Missing Months:	None
<b>Remarks:</b>	Records Good



**Data Statistics for Period of Record:**

Number of storms greater than 1 inch in 24 hours:	26	
Number of storms greater than 2 inches in 24 hours:	6	
Number of storms greater than 3 inches in 24 hours:	0	
		Approx. T <sub>r</sub>
Greatest 15 minute total:	0.79" on 07/23/05	9 years
Greatest 1 hour total:	0.98" on 08/28/08	4 years
Greatest 3 hour total:	1.57" on 08/25/08	10 years
Greatest 6 hour total:	2.01" on 09/08/14	17 years
Greatest 24 hour total:	2.80" on 01/21/10	15 years
Greatest 72 hour total:	4.02" on 01/21/10	26 years

**Water Year Totals (Mean of Complete Water Years [11] = 9.71 inches):**

Water Year	Total	Water Year	Total
2020		2010	8.98
2019		2009	6.77
2018		2008	16.02
2017		2007	5.43
2016		2006	7.76
2015	8.03	2005	17.60
2014	11.42	2004	M
2013	8.50	2003	
2012	8.43	2002	
2011	7.91	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 McDowell Mountain Road (gage # 5920) for Water Year 2014

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1					1.54							
2											.16	
3												
4												
5												
6												
7												
8										.20		2.13
9										.04		
10												
11											.04	
12											.16	
13										.12	.12	
14												
15										.31		
16												.04
17												
18												
19											1.06	
20			.79									
21		.35									.16	
22		1.46										
23		.43										
24												
25												
26										.08		
27												2.24
28												
29					----							
30					----							
31		----			----		----		----			----
SUM	0.00	2.24	0.79	0.00	0.00	1.54	0.00	0.00	0.00	0.75	1.69	4.41
ACC	0.00	2.24	3.03	3.03	3.03	4.57	4.57	4.57	4.57	5.31	7.01	11.42
MAX	0.00	1.46	0.79	0.00	0.00	1.54	0.00	0.00	0.00	0.31	1.06	2.24
NO.	0	3	1	0	0	1	0	0	0	5	6	3
											Maximum Daily Rainfall	2.24
											Maximum Monthly Rainfall	4.41
											Total Annual Rainfall	11.42
											Number of Days with Rain	19

**Flood Control District of Maricopa County ALERT System**  
Daily Rainfall at McDowell Mountain Road (gage # 5920) for Water Year 2013

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												.12
4												
5												
6											.08	
7											.28	
8						1.73						.39
9		.04			.04	.12						.31
10		.08										
11	.16				.20					.04		
12	.04											
13			.24									
14			.55									
15			.71									
16			.04		----							
17					----							
18			.08									
19			.04									
20					.43					.12		
21										.39		
22												
23												
24												
25												
26				1.69								
27				.12								
28				.12								
29					----						.16	
30			.08		----							
31		----	.12		----		----		----			----
SUM	0.20	0.12	1.85	1.93	0.67	1.85	0.00	0.00	0.00	0.55	0.51	0.83
ACC	0.20	0.31	2.17	4.09	4.76	6.61	6.61	6.61	6.61	7.17	7.68	8.50
MAX	0.16	0.08	0.71	1.69	0.43	1.73	0.00	0.00	0.00	0.39	0.28	0.39
NO.	2	2	8	3	3	2	0	0	0	3	3	3
							Maximum Daily Rainfall					1.73
							Maximum Monthly Rainfall					1.93
							Total Annual Rainfall					8.50
							Number of Days with Rain					29

Gage 5920 down from 2/15 21:01 (110) through 2/18 15:01 (110) due to data collision, no rain fell.

**Flood Control District of Maricopa County ALERT System**  
Daily Rainfall at McDowell Mountain Road (gage # 5920) for Water Year 2012

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3			.39									
4	.16	.24										.16
5		.43	.08									
6	.04											
7		.51										.43
8											.04	
9												
10												.04
11										.31		.04
12			.71							.04		
13		.16	1.14									
14			.04				.04			.16		
15												
16												
17												
18			.24			.51						
19												
20												
21										.20	.20	
22											.04	
23											.39	
24												
25	.08											
26							.16					
27												
28										1.02		
29										.43		
30					----							
31		----			----		----		----			----
SUM	0.28	1.34	2.60	0.00	0.00	0.51	0.20	0.00	0.00	2.17	0.67	0.67
ACC	0.28	1.62	4.21	4.21	4.21	4.73	4.92	4.92	4.92	7.09	7.76	8.43
MAX	0.16	0.51	1.14	0.00	0.00	0.51	0.16	0.00	0.00	1.02	0.39	0.43
NO.	3	4	5	0	0	1	2	0	0	6	4	4
							Maximum Daily Rainfall				1.14	
							Maximum Monthly Rainfall				2.60	
							Total Annual Rainfall				8.43	
							Number of Days with Rain				29	

**Flood Control District of Maricopa County ALERT System**  
Daily Rainfall at McDowell Mountain Road (gage # 5920) for Water Year 2011

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3										.28		
4												
5	.98											
6	.08						.04					
7												
8												
9							.47					
10												.20
11										.08		
12												
13												
14												
15												
16			.24									
17												
18								.12			.31	
19					.39							
20					.12							
21	.83	.12	.04			.39						
22			.20									
23			.04									
24										.43		
25												
26											.59	
27					.47							
28												
29			1.14		----							
30			.24		----							
31		----			----		----		----	.12		----
SUM	1.89	0.12	1.89	0.00	0.98	0.39	0.51	0.12	0.00	0.91	0.91	0.20
ACC	1.89	2.01	3.90	3.90	4.88	5.28	5.79	5.91	5.91	6.81	7.72	7.91
MAX	0.98	0.12	1.14	0.00	0.47	0.39	0.47	0.12	0.00	0.43	0.59	0.20
NO.	3	1	6	0	3	1	2	1	0	4	2	1

Annual Total (mm): 201 Days Down: 0









## Flood Control District of Maricopa County ALERT System

### Daily Rainfall at McDowell Mtn. Road (gage # 5920) for Water Year 2007

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1					.04								
2													
3													
4													
5											.08		
6	.16											.04	
7													
8	.16												
9													
10													
11					.04								
12							.20						
13					.12		.08						
14	.08				.04								
15													
16												.04	
17			.12										
18													
19				.35	.35								
20				.04						.04			
21				.28			.08			.04			
22			.08			.79							
23													
24						.04				.08			
25													
26													
27													
28			.16										
29					----								
30				.20	----					.24			
31		----		.63	----		----		----	.87		----	
SUM	0.39	0.00	0.35	1.50	0.59	0.83	0.35	0.00	0.00	1.26	0.08	0.08	
ACC	0.39	0.39	0.75	2.24	2.83	3.66	4.02	4.02	4.02	5.28	5.35	5.43	
MAX	0.16	0.00	0.16	0.63	0.35	0.79	0.20	0.00	0.00	0.87	0.08	0.04	
NO.	3	0	3	5	5	2	3	0	0	5	1	2	
												Maximum Daily Rainfall	0.87
												Maximum Monthly Rainfall	1.50
												Total Annual Rainfall	5.43
												Number of Days with Rain	29

**Notes:**

Annual rainfall in millimeters: 138

Total down-time: 0.00 days

## Flood Control District of Maricopa County ALERT System

### Daily Rainfall at McDowell Mtn. Road (gage # 5920) for Water Year 2006

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1													
2												.04	
3													
4												.24	
5							.04						
6													
7												.08	
8												.04	
9												.59	
10											.83		
11						1.50					.39		
12						.08					.43		
13												.04	
14											.12	.08	
15													
16													
17	.28												
18	.04												
19						.28				.04			
20													
21						.08							
22													
23										.43			
24											.04		
25										.51			
26										.16			
27										.12			
28						.04							
29					----					.20			
30					----				.35	.71			
31		----			----		----		----			----	
SUM	0.31	0.00	0.00	0.00	0.00	1.97	0.04	0.00	0.35	2.17	1.81	1.10	
ACC	0.31	0.31	0.31	0.31	0.31	2.28	2.32	2.32	2.68	4.84	6.65	7.76	
MAX	0.28	0.00	0.00	0.00	0.00	1.50	0.04	0.00	0.35	0.71	0.83	0.59	
NO.	2	0	0	0	0	5	1	0	1	7	5	7	
												Maximum Daily Rainfall	1.50
												Maximum Monthly Rainfall	2.17
												Total Annual Rainfall	7.76
												Number of Days with Rain	28

#### Notes:

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Annual rainfall in millimeters: 197

Total down-time: 0.00 days



**Flood Control District of Maricopa County ALERT System**  
Daily Rainfall at McDowell Mtn. Road (gage # 5920) for Water Year 2004

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	-----	-----	-----	-----	-----	-----	-----	-----				
2	-----	-----	-----	-----	-----	-----	-----	-----				
3	-----	-----	-----	-----	-----	-----	-----	-----				.16
4	-----	-----	-----	-----	-----	-----	-----	-----				.12
5	-----	-----	-----	-----	-----	-----	-----	-----				
6	-----	-----	-----	-----	-----	-----	-----	-----				
7	-----	-----	-----	-----	-----	-----	-----	-----				
8	-----	-----	-----	-----	-----	-----	-----	-----				
9	-----	-----	-----	-----	-----	-----	-----	-----				
10	-----	-----	-----	-----	-----	-----	-----	-----				
11	-----	-----	-----	-----	-----	-----	-----	-----				
12	-----	-----	-----	-----	-----	-----	-----	-----				
13	-----	-----	-----	-----	-----	-----	-----	-----			.28	
14	-----	-----	-----	-----	-----	-----	-----	-----		.31	.24	
15	-----	-----	-----	-----	-----	-----	-----	-----				
16	-----	-----	-----	-----	-----	-----	-----	-----				
17	-----	-----	-----	-----	-----	-----	-----	-----				
18	-----	-----	-----	-----	-----	-----	-----	-----			.20	.04
19	-----	-----	-----	-----	-----	-----	-----	-----				.75
20	-----	-----	-----	-----	-----	-----	-----	-----				
21	-----	-----	-----	-----	-----	-----	-----	-----				
22	-----	-----	-----	-----	-----	-----	-----	-----				
23	-----	-----	-----	-----	-----	-----	-----	-----				
24	-----	-----	-----	-----	-----	-----	-----	-----				
25	-----	-----	-----	-----	-----	-----	-----	-----				
26	-----	-----	-----	-----	-----	-----	-----	-----		.12		
27	-----	-----	-----	-----	-----	-----	-----	-----				
28	-----	-----	-----	-----	-----	-----	-----	-----				.16
29	-----	-----	-----	-----	-----	-----	-----	-----				
30	-----	-----	-----	-----	-----	-----	-----	-----				
31	-----	-----	-----	-----	-----	-----	-----	-----	-----			
SUM	-----	-----	-----	-----	-----	-----	-----	0.00	0.00	0.43	0.71	1.22
ACC	-----	-----	-----	-----	-----	-----	-----	0.00	0.00	0.43	1.14	2.36
MAX	-----	-----	-----	-----	-----	-----	-----	0.00	0.00	0.31	0.28	0.75
NO.	-----	-----	-----	-----	-----	-----	-----	0	0	2	3	5
								Maximum Daily Rainfall			0.75	
								Maximum Monthly Rainfall			1.22	
								<b>Partial</b> Annual Rainfall			2.36	
								Number of Days with Rain			10	

**Notes:**

Partial annual rainfall in millimeters: 60  
Station installed on 05/18/2004.

Total down-time: 0.00 days