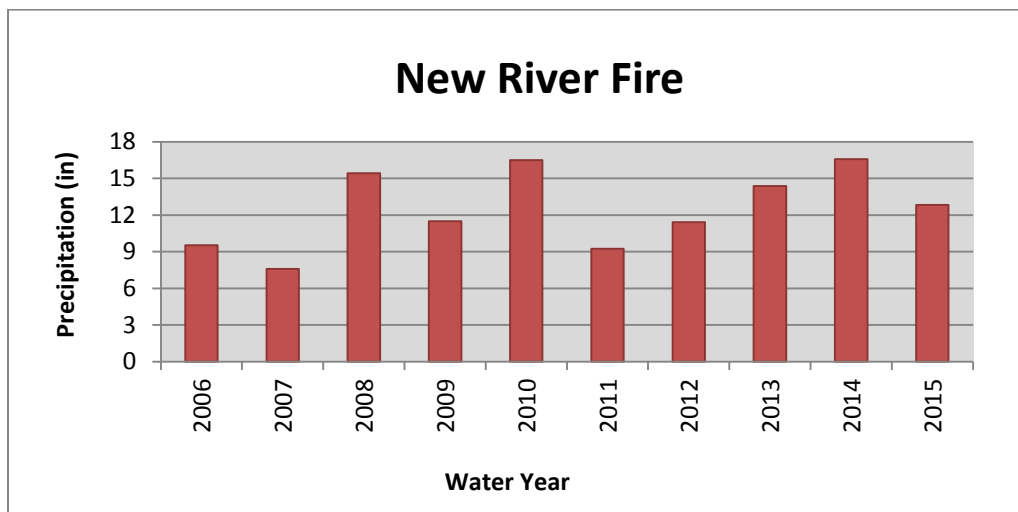




## Station Name: New River Fire

<b>Station ID Number History:</b>	5635 since installation
<b>Station Type:</b>	Rain / Stream
<b>Data Begins:</b>	07/20/2005
<b>Years Since Installation:</b>	10.20 (as of 10/01/15)
<b>Data Repeater:</b>	White Tank Peak
<b>County:</b>	Maricopa
<b>Latitude:</b>	33° 58' 33.1" (33.97585)
<b>Longitude:</b>	112° 03' 38.3" (112.06063)
<b>Elevation:</b>	2,485 ft. msl
<b>Location:</b>	5 miles northeast of New River
<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:	38	
Number of storms greater than 2 inches in 24 hours:	9	
Number of storms greater than 3 inches in 24 hours:	3	
		<b>Approx. T<sub>r</sub></b>
Greatest 15 minute total:	1.34" on 07/21/13	40 years
Greatest 1 hour total:	2.09" on 08/19/14	29 years
Greatest 3 hour total:	2.91" on 08/19/14	66 years
Greatest 6 hour total:	4.72" on 08/19/14	896 years
Greatest 24 hour total:	5.71" on 01/21/10	191 years
Greatest 72 hour total:	7.25" on 01/21/10	162 years

**Water Year Totals: (Mean of Complete Water Years [10] = 12.50 inches)**

Water Year	Total	Water Year	Total
2020		2010	16.50
2019		2009	11.50
2018		2008	15.43
2017		2007	7.60
2016		2006	9.53
2015	12.83	2005	M
2014	16.57	2004	
2013	14.37	2003	
2012	11.42	2002	
2011	9.25	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 New River Fire (gage # 5635) for Water Year 2015

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1				.04		.12						
2						.59						
3			.08			.04				.12		
4			.87					.75		.08		
5									1.30			
6												
7											.31	
8	.39											
9	.87											
10												
11										.20	.12	
12				.04								
13			.55	.08								
14												.04
15								1.10				
16								.24				
17			.20									
18			.04									
19	.35					1.34						
20												
21												.31
22												
23					.04							
24											.24	
25							.16					
26				.08			.28					
27												
28					.24							
29				.08	----							
30				.83	----				.04		.08	
31		----	.35	.16	----		----		----		.12	----
SUM	1.61	0.00	2.09	1.30	0.28	2.09	0.43	2.09	1.34	0.39	0.87	0.35
ACC	1.61	1.61	3.70	5.00	5.28	7.36	7.80	9.88	11.22	11.61	12.48	12.83
MAX	0.87	0.00	0.87	0.83	0.24	1.34	0.28	1.10	1.30	0.20	0.31	0.31
NO.	3	0	6	7	2	4	2	3	2	3	5	2
											Maximum Daily Rainfall	1.34
											Maximum Monthly Rainfall	2.09
											Total Annual Rainfall	12.83
											Number of Days with Rain	39

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**Flood Control District of Maricopa County ALERT System**  
Daily Rainfall at New River Fire (gage # 5635) for Water Year 2014

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1						2.01					.39	
2						.08					.28	
3										.16		
4		.08								.04		
5												
6			----									
7			----									
8										.59		1.77
9										.04		.04
10	.16											
11												
12											1.61	
13										.43	.12	
14												
15												
16												
17												
18												
19			.08								5.16	
20			.39									
21		.08									.04	
22		1.30										
23		.51								.12		
24		.04								.08		
25												
26										.16		
27										.04		.67
28												.12
29					----							
30					----							
31		----			----		----		----			----
SUM	0.16	2.01	0.47	0.00	0.00	2.09	0.00	0.00	0.00	1.65	7.60	2.60
ACC	0.16	2.17	2.64	2.64	2.64	4.72	4.72	4.72	4.72	6.38	13.98	16.57
MAX	0.16	1.30	0.39	0.00	0.00	2.01	0.00	0.00	0.00	0.59	5.16	1.77
NO.	1	5	2	0	0	2	0	0	0	9	6	4
											Maximum Daily Rainfall	5.16
											Maximum Monthly Rainfall	7.60
											Total Annual Rainfall	16.57
											Number of Days with Rain	29

Gage 5635 down from 12/06 12:48 (55) through 12/08 15:48 (55) due to data collision; no rain fell.



**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at New River Fire (gauge # 5635) for Water Year 2012**

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1													
2													
3			.31									.24	
4	.08	.20											
5		.28											
6													
7		.20										.04	
8													
9								.04					
10												1.30	
11										.04	----	.12	
12			.55								----		
13		.43	.51										
14			.12				.04				.16		
15													
16											.39		
17											.20		
18		----	.20			1.02							
19		----				.04							
20		----											
21		.16								1.97	1.10		
22											.08		
23											.83		
24													
25	.04												
26							.31						
27													
28					.04								
29										.12			
30					----								
31		----			----		----		----	.12		----	
SUM	0.12	1.26	1.69	0.00	0.04	1.06	0.35	0.04	0.00	2.24	2.92	1.69	
ACC	0.12	1.38	3.07	3.07	3.11	4.17	4.53	4.57	4.57	6.81	9.73	11.42	
MAX	0.08	0.43	0.55	0.00	0.04	1.02	0.31	0.04	0.00	1.97	1.10	1.30	
NO.	2	5	5	0	1	2	2	1	0	4	7	4	
												Maximum Daily Rainfall	1.97
												Maximum Monthly Rainfall	2.92
												Total Annual Rainfall	11.42
												Number of Days with Rain	33

Gage 5635 down from 11/17 14:19 (31) thru 11/21 20:19 (35); due to data collision; assigned 4mm to 11/21.  
Gage 5635 down from 8/10 21:58 (173) through 8/13 11:07 (173) due to radio path problem; no rain fell.

## Flood Control District of Maricopa County ALERT System

### Daily Rainfall at New River Fire (gage # 5635) for Water Year 2011

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3											.16	----
4	.20									.04		----
5	.94									.35		
6	.16											
7												
8												
9							.51					.04
10							.04					.04
11										.39		
12												
13												.04
14											.04	
15												
16			.31									
17												
18								.04			.04	
19					.47							
20	.04				.43							
21	.24	.12	.04			.47						
22			.90			.04						
23			.08									
24												
25												
26					.12							
27					.39							
28												
29			1.58		----		----					
30			.67		----					.31		
31		----			----		----		----			----
SUM	1.57	0.12	3.59	0.00	1.42	0.51	0.55	0.04	0.00	1.10	0.24	0.12
ACC	1.57	1.69	5.28	5.28	6.69	7.20	7.76	7.80	7.80	8.90	9.13	9.25
MAX	0.94	0.12	1.58	0.00	0.47	0.47	0.51	0.04	0.00	0.39	0.16	0.04
NO.	5	1	6	0	4	2	2	1	0	4	3	3
Maximum Daily Rainfall												1.58
Maximum Monthly Rainfall												3.59
Total Annual Rainfall												9.25
Number of Days with Rain												31

Annual Total (mm): 235 Days Down: 4.25  
 Gage 5635 down from 04/27 20:32 (197) through 04/29 20:32 (197) due to radio path problem; no rain fell.  
 Gage 5635 down from 09/02 20:21 (232) through 09/05 02:20 (232) due to data collision; no rain fell.





**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at New River Fire (gage # 5635) for Water Year 2009**

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												.08
2												
3										.04		
4				.31								
5												.31
6												
7					.20							
8					.63							
9					1.06							
10												
11							1.10					.12
12											.04	
13											.16	
14												
15												
16			1.46									
17			.91		.24							
18			.47									
19												
20										.16		
21								.39				
22			.08	.08				.47				
23			.04									
24			.08	.04						.04		
25			1.14									
26		.24	.47									
27		1.06										
28												
29					----							
30					----							
31		----			----		----		----		.08	----
SUM	0.00	1.30	4.65	0.43	2.13	0.00	1.10	0.87	0.00	0.24	0.28	0.51
ACC	0.00	1.30	5.94	6.38	8.50	8.50	9.61	10.47	10.47	10.71	10.98	11.50
MAX	0.00	1.06	1.46	0.31	1.06	0.00	1.10	0.47	0.00	0.16	0.16	0.31
NO.	0	2	8	3	4	0	1	2	0	3	3	3
	Maximum Daily Rainfall											1.46
	Maximum Monthly Rainfall											4.65
	Total Annual Rainfall											11.50
	Number of Days with Rain											29

**Notes:**

Annual rainfall in millimeters: 292

Total down-time: 0.00 days



**Flood Control District of Maricopa County ALERT System**  
 Daily Rainfall at New River Fire (gage # 5635) for Water Year 2007

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												.51
2												
3												
4												
5												
6	.04											
7												
8	.47											
9												
10												
11					.08							
12												
13							.12					
14	.35											
15												
16										.08		
17			.04									
18												
19				.51	.67							
20				.12	.04							
21				.12						.08		
22						.75						.12
23						.04				.12		.12
24	.28					.08						
25										.12		
26												
27												
28			.39							1.69		
29			.04									
30					----							
31		----		.28	----		----		----	.35		----
SUM	1.14	0.00	0.47	1.02	0.79	0.87	0.12	0.00	0.00	2.44	0.00	0.75
ACC	1.14	1.14	1.61	2.64	3.43	4.29	4.41	4.41	4.41	6.85	6.85	7.60
MAX	0.47	0.00	0.39	0.51	0.67	0.75	0.12	0.00	0.00	1.69	0.00	0.51
NO.	4	0	3	4	3	3	1	0	0	6	0	3
	Maximum Daily Rainfall											1.69
	Maximum Monthly Rainfall											2.44
	Total Annual Rainfall											7.60
	Number of Days with Rain											27

**Notes:**

Annual rainfall in millimeters: 193

Total down-time: 0.00 days



**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at New River Fire (gage # 5635) for Water Year 2005**

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
2	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	.08	-----
3	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	.16	.16
4	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	.24	-----
6	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
7	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	.04	-----
8	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
9	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	.04	-----
10	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
11	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	.04	-----
12	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	.83	-----
13	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
14	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
15	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
16	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
17	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
18	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
19	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
20	-----	-----	-----	-----	-----	-----	-----	-----	-----	.39	-----	-----
21	-----	-----	-----	-----	-----	-----	-----	-----	-----	.04	-----	-----
22	-----	-----	-----	-----	-----	-----	-----	-----	-----	.04	-----	-----
23	-----	-----	-----	-----	-----	-----	-----	-----	-----	.39	.16	-----
24	-----	-----	-----	-----	-----	-----	-----	-----	-----	.04	-----	-----
25	-----	-----	-----	-----	-----	-----	-----	-----	-----	.59	-----	-----
26	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
27	-----	-----	-----	-----	-----	-----	-----	-----	-----	.35	-----	-----
28	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
29	-----	-----	-----	-----	-----	-----	-----	-----	-----	.43	-----	-----
30	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	2.05	-----	-----
SUM	-----	-----	-----	-----	-----	-----	-----	-----	-----	4.33	1.57	0.16
ACC	-----	-----	-----	-----	-----	-----	-----	-----	-----	4.33	5.91	6.06
MAX	-----	-----	-----	-----	-----	-----	-----	-----	-----	2.05	0.83	0.16
NO.	-----	-----	-----	-----	-----	-----	-----	-----	-----	9	8	1
-----												
											Maximum Daily Rainfall	2.05
											Maximum Monthly Rainfall	4.33
											<b>Partial Annual Rainfall</b>	<b>6.06</b>
											Number of Days with Rain	18

**Notes:**

Partial annual rainfall in millimeters: 154  
Station installed on 07/20/2005.

Total down-time: 0.00 days