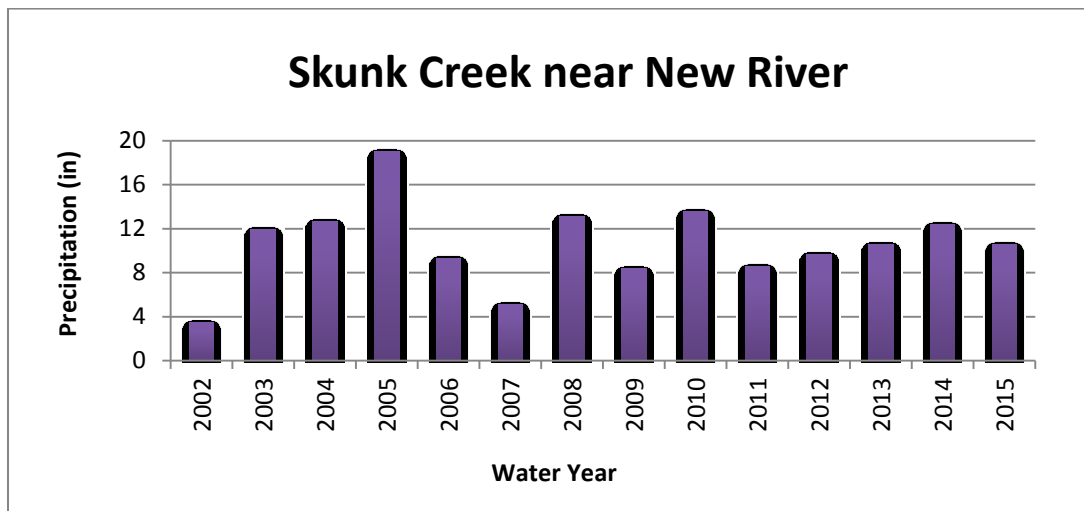




Station Name: Skunk Creek near New River

Station ID Number History:	5585 since installation
Station Type:	Rain / Stream
Data Begins:	06/28/2001
Years Since Installation:	14.26 (as of 10/01/15)
Data Repeater:	White Tank Peak
County:	Maricopa
Latitude:	33° 55' 34.3" (33.92619)
Longitude:	112° 04' 57.7" (112.08268)
Elevation:	2,190 ft. msl
Location:	Skunk Creek At Fig Springs Rd., 3.5 miles east of New River
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:	40	
Number of storms greater than 2 inches in 24 hours:	7	
Number of storms greater than 3 inches in 24 hours:	3	
		Approx. T _r
Greatest 15 minute total:	1.14" on 08/23/12	22 years
Greatest 1 hour total:	1.93" on 08/19/14	24 years
Greatest 3 hour total:	2.20" on 08/19/14	20 years
Greatest 6 hour total:	2.99" on 08/19/14	62 years
Greatest 24 hour total:	4.45" on 01/21/10	63 years
Greatest 72 hour total:	5.79" on 01/21/10	73 years

Water Year Totals (Mean of Complete Water Years [14] = 10.57 inches):

Water Year	Total	Water Year	Total
2020		2010	13.58
2019		2009	8.35
2018		2008	13.07
2017		2007	5.12
2016		2006	9.29
2015	10.55	2005	19.02
2014	12.36	2004	12.60
2013	10.51	2003	11.93
2012	9.61	2002	3.46
2011	8.54	2001	M

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 Skunk Cr. near New River (gage # 5585) for Water Year 2014

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1						1.69					.16	
2						.04					.04	
3										.04	.04	
4		.12									.04	
5												
6												
7												
8										.04		1.65
9												.04
10	.12											
11												
12											.75	
13										.55	.12	
14												
15												
16												
17											.16	
18												
19			.08								3.50	
20			.43									
21		.08										
22		1.30										
23		.51								.16		
24		.08										
25												
26										.08		
27										.04		.43
28												.08
29												
30												
31												
SUM	0.12	2.09	0.51	0.00	0.00	1.73	0.00	0.00	0.00	0.91	4.80	2.20
ACC	0.12	2.20	2.72	2.72	2.72	4.45	4.45	4.45	4.45	5.35	10.16	12.36
MAX	0.12	1.30	0.43	0.00	0.00	1.69	0.00	0.00	0.00	0.55	3.50	1.65
NO.	1	5	2	0	0	2	0	0	0	6	8	4
											Maximum Daily Rainfall	3.50
											Maximum Monthly Rainfall	4.80
											Total Annual Rainfall	12.36
											Number of Days with Rain	28

Flood Control District of Maricopa County ALERT System
 Daily Rainfall at Skunk Cr. near New River (gage # 5585) for Water Year 2012

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2			.04									
3			.04									
4	.08	.16										
5		.24										
6			.08									
7		.20										
8		.04										
9												
10						----						1.18
11						----						.16
12			.51									
13		.35	.55									
14			.12									
15												
16											.71	
17											.08	
18			.12			.83						
19												
20											.04	
21		.16								.71	.31	
22											.16	
23											1.54	
24										.16		
25												
26							.16					
27												
28												
29										.20		
30					----							
31		----			----		----		----	.71		----
SUM	0.08	1.14	1.46	0.00	0.00	0.83	0.16	0.00	0.00	1.77	2.84	1.34
ACC	0.08	1.26	2.68	2.68	2.68	3.50	3.66	3.66	3.66	5.43	8.27	9.61
MAX	0.08	0.35	0.55	0.00	0.00	0.83	0.16	0.00	0.00	0.71	1.54	1.18
NO.	1	6	7	0	0	1	1	0	0	4	6	2
											Maximum Daily Rainfall	1.54
											Maximum Monthly Rainfall	2.84
											Total Annual Rainfall	9.61
											Number of Days with Rain	28

Gage 5585 down from 03/09 15:14 (68) through 03/12 03:14 (68) due to data collision; no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Skunk Cr. near New River (gage # 5585) for Water Year 2011

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1											.04	
2												
3											.47	
4	.04									.04		
5	.98									.08		
6	.04											
7												
8												
9							.51					.20
10							.04					
11								----		.28		
12								----				
13								----				.04
14								----			.04	
15								----				
16			.16									
17			.04									
18								.12				
19					.43			----				
20	.04				.31			----				
21	.39	.16	.12			.35		----				
22			.63			.04						
23			.08									
24												
25										.04		
26					.04							
27					.39							
28												
29			1.42		----							
30			.59		----					.35		
31		----			----		----		----	.04		----
SUM	1.50	0.16	3.03	0.00	1.18	0.39	0.55	0.12	0.00	0.83	0.55	0.24
ACC	1.50	1.65	4.69	4.69	5.87	6.26	6.81	6.93	6.93	7.76	8.31	8.54
MAX	0.98	0.16	1.42	0.00	0.43	0.35	0.51	0.12	0.00	0.35	0.47	0.20
NO.	5	1	7	0	4	2	2	1	0	6	3	2
	Maximum Daily Rainfall											1.42
	Maximum Monthly Rainfall											3.03
	Total Annual Rainfall											8.54
	Number of Days with Rain											33

Annual Total (mm): 217

Days Down: 9.75

Gage 5585 down from 05/10 18:55 (173) through 05/16 12:55 (173) due to programming error; no rain fell.

Gage 5585 down from 05/18 12:55 (173) through 05/22 12:55 (176) due to transmitter failure; no rain fell.

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Skunk Cr. near New River (gage # 5585) for Water Year 2010

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4												
5												
6					.12	.12						
7			1.93		.39	1.22						
8						.08						
9						.08				.04		
10					.04							
11					.04							
12												
13			.04									
14												
15												
16												
17												
18				.08								
19				1.06								
20				.08	.31							
21				4.45	.51						.47	
22				.67	.31						.16	
23				.23						.20		
24				.04							.20	
25												
26												
27												
28					.63							
29		.08			----							
30					----							
31		----			----		----		----			----
SUM	0.00	0.08	1.97	6.61	2.36	1.50	0.00	0.00	0.00	0.24	0.83	0.00
ACC	0.00	0.08	2.05	8.66	11.02	12.52	12.52	12.52	12.52	12.76	13.58	13.58
MAX	0.00	0.08	1.93	4.45	0.63	1.22	0.00	0.00	0.00	0.20	0.47	0.00
NO.	0	1	2	7	8	4	0	0	0	2	3	0
	Maximum Daily Rainfall											4.45
	Maximum Monthly Rainfall											6.61
	Total Annual Rainfall											13.58
	Number of Days with Rain											27

Notes:

Annual rainfall in millimeters: 345

Flood Control District of Maricopa County ALERT System
 Daily Rainfall at Skunk Cr. near New River (gage # 5585) for Water Year 2006

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3										.04		.35
4												
5							.04					
6												
7												.91
8												
9												1.30
10												
11		.35				1.38						
12											.16	
13											.31	
14											.04	.47
15												
16								.16				
17												
18	.43											
19						.16						
20												
21						.20					.12	
22				----							.20	
23												
24											1.22	
25												
26												
27												
28												
29					----				.20	.12		
30					----					1.14		
31		----			----		----		----			----
SUM	0.43	0.35	0.00	0.00	0.00	1.73	0.04	0.16	0.20	1.30	2.05	3.03
ACC	0.43	0.79	0.79	0.79	0.79	2.52	2.56	2.72	2.91	4.21	6.26	9.29
MAX	0.43	0.35	0.00	0.00	0.00	1.38	0.04	0.16	0.20	1.14	1.22	1.30
NO.	1	1	0	0	0	3	1	1	1	3	6	4
							Maximum Daily Rainfall					1.38
							Maximum Monthly Rainfall					3.03
							Total Annual Rainfall					9.29
							Number of Days with Rain					21

Notes:

Annual rainfall in millimeters: 236 Total down-time: 2.13 days
 Gage 5585 down from 1/21 07:44 (20) through 1/23 10:44 (20) due to repeater failure; no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Skunk Cr. near New River (gage # 5585) for Water Year 2005

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2											.12	
3				.98							.20	.31
4			.35	.87		.08						
5			.16			.24						
6			.71		.08	.12						
7		.55			.12						.28	
8		.28										
9											.35	
10					.16							
11				.28	1.61							
12					.43						.28	
13		-----										
14		-----										
15								-----				
16												
17					.39					.16		
18					.63							
19					.59	.16						
20					.12	.08				.31		
21	.51	.59			.35					.08		
22		.63			.20					.04		
23					.08		.39		.08	.24		
24					.35		.04					
25						.04						
26				.75	.39							
27				.63						.20		
28	.55		.28	.04								
29			1.06	.31	-----							
30					-----							
31		-----			-----		-----		-----	.20		-----
SUM	1.06	2.05	2.56	3.86	5.51	0.71	0.43	0.00	0.08	1.22	1.22	0.31
ACC	1.06	3.11	5.67	9.53	15.04	15.75	16.18	16.18	16.26	17.48	18.70	19.02
MAX	0.55	0.63	1.06	0.98	1.61	0.24	0.39	0.00	0.08	0.31	0.35	0.31
NO.	2	4	5	7	14	6	2	0	1	7	5	1
							Maximum Daily Rainfall					1.61
							Maximum Monthly Rainfall					5.51
							Total Annual Rainfall					19.02
							Number of Days with Rain					54

Notes:

Annual rainfall in millimeters: 483 Total down-time: 5.62 days
 Gage 5585 down from 11/12 02:56 (48) through 11/15 14:56 (48) due to programming error; no rain fell.
 Gage 5585 down from 5/14 07:50 (411) through 5/16 10:49 (411) due to repeater failure; no rain fell.

Flood Control District of Maricopa County ALERT System
 Daily Rainfall at Skunk Cr. near New River (gage # 5585) for Water Year 2003

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1						.20					.12	.08	
2													
3													
4													
5						.20							
6												.43	
7													
8				.39	.12								
9												.12	
10		.04											
11													
12					.20								
13					2.48						.04		
14					.16						.63		
15							.16						
16						.75							
17			.16			.28							
18			.04										
19										.20			
20			.04										
21													
22			.04										
23			.31							.04			
24													
25					.98								
26	.31				.47						.94		
27	.16				.39						.20		
28					.08					.39	.12		
29		.35			-----								
30		.16			-----					.16			
31		-----			-----		-----		-----			-----	
SUM	0.47	0.55	0.59	0.39	4.88	1.42	0.16	0.00	0.00	0.59	2.24	0.63	
ACC	0.47	1.02	1.61	2.01	6.89	8.31	8.46	8.46	8.46	9.06	11.30	11.93	
MAX	0.31	0.35	0.31	0.39	2.48	0.75	0.16	0.00	0.00	0.39	0.94	0.43	
NO.	2	3	5	1	8	4	1	0	0	3	7	3	
												Maximum Daily Rainfall	2.48
												Maximum Monthly Rainfall	4.88
												Total Annual Rainfall	11.93
												Number of Days with Rain	37

Notes:

Total annual rainfall in millimeters: 303

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Skunk Cr. near New River (gage # 5585) for Water Year 2001

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1	----	----	----	----	----	----	----	----	----				
2	----	----	----	----	----	----	----	----	----				
3	----	----	----	----	----	----	----	----	----				
4	----	----	----	----	----	----	----	----	----		.04		
5	----	----	----	----	----	----	----	----	----				
6	----	----	----	----	----	----	----	----	----				
7	----	----	----	----	----	----	----	----	----		.08		
8	----	----	----	----	----	----	----	----	----				
9	----	----	----	----	----	----	----	----	----	.04	.39		
10	----	----	----	----	----	----	----	----	----				
11	----	----	----	----	----	----	----	----	----		.35		
12	----	----	----	----	----	----	----	----	----				
13	----	----	----	----	----	----	----	----	----		.47		
14	----	----	----	----	----	----	----	----	----		1.22		
15	----	----	----	----	----	----	----	----	----				
16	----	----	----	----	----	----	----	----	----				
17	----	----	----	----	----	----	----	----	----				
18	----	----	----	----	----	----	----	----	----				
19	----	----	----	----	----	----	----	----	----				
20	----	----	----	----	----	----	----	----	----				
21	----	----	----	----	----	----	----	----	----				
22	----	----	----	----	----	----	----	----	----				
23	----	----	----	----	----	----	----	----	----				
24	----	----	----	----	----	----	----	----	----				
25	----	----	----	----	----	----	----	----	----	.16			
26	----	----	----	----	----	----	----	----	----				
27	----	----	----	----	----	----	----	----	----				
28	----	----	----	----	----	----	----	----	----				
29	----	----	----	----	----	----	----	----	----	1.02			
30	----	----	----	----	----	----	----	----	----	.43			
31	----	----	----	----	----	----	----	----	----			----	
SUM	----	----	----	----	----	----	----	----	0.00	1.65	2.56	0.00	
ACC	----	----	----	----	----	----	----	----	0.00	1.69	4.25	4.25	
MAX	----	----	----	----	----	----	----	----	0.00	1.02	1.22	0.00	
NO.	----	----	----	----	----	----	----	----	0	4	6	0	
												Maximum Daily Rainfall	1.22
												Maximum Monthly Rainfall	2.56
												Partial Annual Rainfall	4.25
												Number of Days with Rain	10

Notes:

Partial annual rainfall in millimeters: 108
Station installed on 06/28/01.

Total down-time: 0.00 days