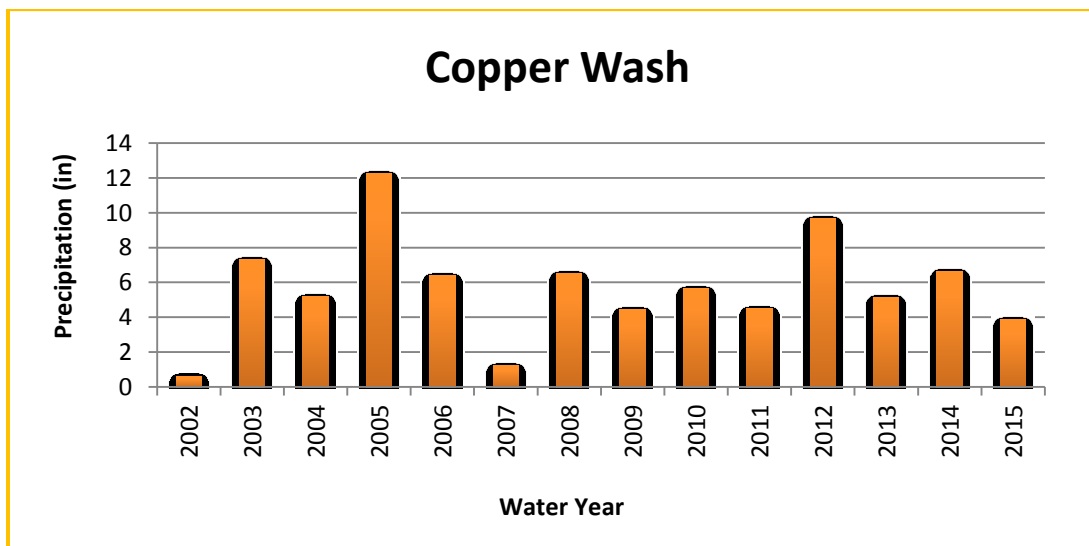


Station Name: Copper Wash

Station ID Number History:	5030 since 02/20/01
Station Type:	Rain / Stream
Data Begins:	02/20/2001
Years Since Installation:	14.61 (as of 10/01/15)
Data Repeater:	Mt. Oatman
County:	Maricopa
Latitude:	33° 12' 20.0" (33.20557)
Longitude:	113° 17' 05.4" (113.28483)
Elevation:	1,080 ft. msl
Location:	15 miles north of Agua Caliente
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:	20	
Number of storms greater than 2 inches in 24 hours:	4	
Number of storms greater than 3 inches in 24 hours:	0	
		Approx. T_r
Greatest 15 minute total:	0.94" on 09/09/13	12 years
Greatest 1 hour total:	1.89" on 07/16/04	29 years
Greatest 3 hour total:	2.09" on 07/16/04	16 years
Greatest 6 hour total:	2.09" on 07/16/04	11 years
Greatest 24 hour total:	2.72" on 11/22/13	16 years
Greatest 72 hour total:	3.35" on 11/22/13	26 years

Water Year Totals (Mean of Complete Water Years [14] = 5.68 inches):

Water Year	Total	Water Year	Total
2020		2010	5.63
2019		2009	4.45
2018		2008	6.50
2017		2007	1.22
2016		2006	6.38
2015	3.86	2005	12.28
2014	6.65	2004	5.20
2013	5.16	2003	7.32
2012	9.69	2002	0.63
2011	4.49	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 Copper Wash (gage # 5030) for Water Year 2013

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1													
2										.04			
3													
4													
5													
6													
7													
8						.12							
9					.04							1.50	
10												.51	
11										.16			
12		----											
13			.31				----						
14													
15			.04										
16													
17													
18											.12		
19													
20					.04					.35			
21					.04					.28			
22												----	
23													
24													
25								----					
26				.67				----			.59	----	
27				.04								----	
28											.31	----	
29						----							
30						----							
31		----				----	----		----			----	
SUM	0.00	0.00	0.35	0.71	0.12	0.12	0.00	0.00	0.00	0.83	1.02	2.01	
ACC	0.00	0.00	0.35	1.06	1.18	1.30	1.30	1.30	1.30	2.13	3.15	5.16	
MAX	0.00	0.00	0.31	0.67	0.04	0.12	0.00	0.00	0.00	0.35	0.59	1.50	
NO.	0	0	2	2	3	1	0	0	0	4	3	2	
												Maximum Daily Rainfall	1.50
												Maximum Monthly Rainfall	2.01
												Total Annual Rainfall	5.16
												Number of Days with Rain	17

Gage 5030 down from 11/11 03:09 (0) through 11/13 08:50 (0) for unknown reason; no rain fell.
 Gage 5030 down from 4/12 14:58 (33) through 4/14 20:58 (33) due to data collision; no rain fell.
 Gage 5030 down from 5/24 02:59 (33) through 5/27 08:59 (33) due to data collision; no rain fell.
 Gage 5030 down from 9/20 23:44 (131) through 9/23 17:44 (131) due to repeater failure; no rain fell.
 Gage 5030 down from 9/25 11:44 (131) through 9/29 11:44 (131) due to data collision; no rain fell.

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Copper Wash (gage # 5030) for Water Year 2011

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4	.04									.16		
5										.63		
6										.08		
7												
8							.12					
9							.08					.04
10												
11												
12												
13												.12
14												
15												
16												
17												
18												
19					.16							
20	.08				.04							
21						.04						
22			1.02									
23			.16									
24			----									
25			----									
26					.39							
27											1.18	
28											.04	
29			.04		----							
30			.08		----							
31		----			----		----		----			----
SUM	0.12	0.00	1.30	0.00	0.59	0.04	0.20	0.00	0.00	0.87	1.22	0.16
ACC	0.12	0.12	1.42	1.42	2.01	2.05	2.24	2.24	2.24	3.11	4.33	4.49
MAX	0.08	0.00	1.02	0.00	0.39	0.04	0.12	0.00	0.00	0.63	1.18	0.12
NO.	2	0	4	0	3	1	2	0	0	3	2	2
							Maximum Daily Rainfall					1.18
							Maximum Monthly Rainfall					1.30
							Total Annual Rainfall					4.49
							Number of Days with Rain					19

Annual Total (mm): 114

Days Down: 2.90

Gage 5030 down from 12/23 06:04 (33) through 12/26 03:36 (33) for unknown reason; no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Copper Wash (gage # 5030) for Water Year 2009

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2										.20		
3												
4												
5												.04
6												
7					.12							
8												
9					.16							
10							.08					
11							.20					
12												
13												
14												
15												
16			.31									
17			.47		.04							
18												
19												
20												
21										.55	.12	
22											.20	
23				.04								
24										.31		
25			.08									
26		1.38	.04									
27		.12										
28												
29					----							
30					----							
31		----			----		----		----			----

SUM	0.00	1.50	0.91	0.04	0.31	0.00	0.28	0.00	0.00	1.06	0.31	0.04
ACC	0.00	1.50	2.40	2.44	2.76	2.76	3.03	3.03	3.03	4.09	4.41	4.45
MAX	0.00	1.38	0.47	0.04	0.16	0.00	0.20	0.00	0.00	0.55	0.20	0.04
NO.	0	2	4	1	3	0	2	0	0	3	2	1

Maximum Daily Rainfall 1.38
Maximum Monthly Rainfall 1.50
Total Annual Rainfall 4.45
Number of Days with Rain 18

Notes:

Annual rainfall in millimeters: 113 Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Copper Wash (gage # 5030) for Water Year 2008

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			.16									
2												
3												
4	.04											
5												
6											.20	
7				.20							.16	
8												
9												
10												
11												.20
12												
13										.28		
14												
15												
16												
17												
18												
19												
20										.04		
21												
22												
23								.08				
24				.12								
25											1.54	
26											.20	
27				.79								.04
28												
29											.12	
30		1.61			----						.75	
31		----			----		----		----			----
SUM	0.04	1.61	0.16	1.10	0.00	0.00	0.00	0.08	0.00	0.31	2.95	0.24
ACC	0.04	1.65	1.81	2.91	2.91	2.91	2.91	2.99	2.99	3.31	6.26	6.50
MAX	0.04	1.61	0.16	0.79	0.00	0.00	0.00	0.08	0.00	0.28	1.54	0.20
NO.	1	1	1	3	0	0	0	1	0	2	6	2
											Maximum Daily Rainfall	1.61
											Maximum Monthly Rainfall	2.95
											Total Annual Rainfall	6.50
											Number of Days with Rain	17

Notes:

Annual rainfall in millimeters: 165

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
 Daily Rainfall at Copper Wash (gage # 5030) 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											.16		
15													
16													
17													
18													
19				.12	.04								
20													
21							.08						
22						.39							
23													
24													
25											.12		
26													
27													
28										.08			
29													
30													
31		----		.24	----		----		----			----	
SUM	0.00	0.00	0.00	0.35	0.04	0.39	0.08	0.00	0.00	0.08	0.28	0.00	
ACC	0.00	0.00	0.00	0.35	0.39	0.79	0.87	0.87	0.87	0.94	1.22	1.22	
MAX	0.00	0.00	0.00	0.24	0.04	0.39	0.08	0.00	0.00	0.08	0.16	0.00	
NO.	0	0	0	2	1	1	1	0	0	1	2	0	
												Maximum Daily Rainfall	0.39
												Maximum Monthly Rainfall	0.39
												Total Annual Rainfall	1.22
												Number of Days with Rain	8

Notes:

Annual rainfall in millimeters: 31 Total down-time: 2.50 days
 Gage 5030 down from 6/01 20:38 (22) through 6/04 08:39 (22) due to data collision; no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Copper Wash (gage # 5030) for Water Year 2002

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2						-----						
3						-----						
4			.04			-----						
5						-----						
6						-----						
7												
8												
9										.04		
10												
11			.28									
12												
13												
14										.20		
15										.04		
16												
17												
18												
19				-----								
20				-----								
21												
22												
23												
24												
25												
26								-----				
27								-----				
28												.04
29					-----							
30					-----							
31		-----			-----		-----		-----			-----
SUM	0.00	0.00	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.28	0.00	0.04
ACC	0.00	0.00	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.59	0.59	0.63
MAX	0.00	0.00	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.00	0.04
NO.	0	0	2	0	0	0	0	0	0	3	0	1
										Maximum Daily Rainfall		0.28
										Maximum Monthly Rainfall		0.31
										Total Annual Rainfall		0.63
										Number of Days with Rain		6

Notes:

Total annual rainfall in millimeters: 16
Total down-time: 11.89 days
Gage 5030 down from 01/18 16:45 (8) through 01/21 10:45 (8) due to antenna failure; no rain fell.
Gage 5030 down from 03/01 11:45 (8) through 03/07 10:43 (8) due to transmitter failure; no rain fell.
Gage 5030 down from 05/25 06:25 (8) through 05/28 10:48 (8) due to programming error, no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Copper Wash (gage # 5030) for Water Year 2001

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	----	----	----	----	----							
2	----	----	----	----	----							
3	----	----	----	----	----							
4	----	----	----	----	----							
5	----	----	----	----	----							
6	----	----	----	----	----	.20				.91		
7	----	----	----	----	----	.75	.04				.12	
8	----	----	----	----	----	.12						
9	----	----	----	----	----						.28	
10	----	----	----	----	----							
11	----	----	----	----	----							
12	----	----	----	----	----						.39	
13	----	----	----	----	----							
14	----	----	----	----	----							
15	----	----	----	----	----							
16	----	----	----	----	----						.04	
17	----	----	----	----	----						.08	
18	----	----	----	----	----							
19	----	----	----	----	----							
20	----	----	----	----	----							
21	----	----	----	----	----		.04					
22	----	----	----	----	----							
23	----	----	----	----	----							
24	----	----	----	----	----							
25	----	----	----	----	.04							
26	----	----	----	----	.04							
27	----	----	----	----	.28							
28	----	----	----	----	.04							
29	----	----	----	----	----							
30	----	----	----	----	----					.24		
31	----	----	----	----	----		----		----			----
SUM	----	----	----	----	0.39	1.06	0.08	0.00	0.00	1.14	0.91	0.00
ACC	----	----	----	----	0.39	1.50	1.57	1.57	1.57	2.72	3.70	3.70
MAX	----	----	----	----	0.28	0.75	0.04	0.00	0.00	0.91	0.39	0.00
NO.	----	----	----	----	4	3	2	0	0	2	5	0
											Maximum Daily Rainfall	0.91
											Maximum Monthly Rainfall	1.14
											Partial Annual Rainfall	3.70
											Number of Days with Rain	16

Notes:

Partial annual rainfall in millimeters: 94
Station installed on 02/20/01.

Total down-time: 0.00 days