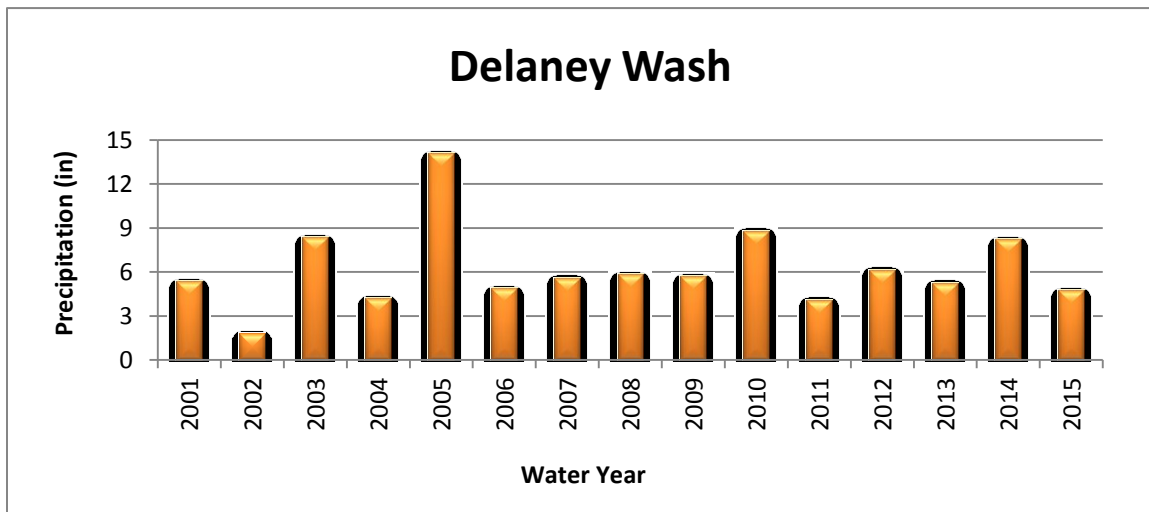




Station Name: Delaney Wash

Station ID Number History:	5105 since 12/20/1999
Station Type:	Rain / Stream
Data Begins:	12/20/1999
Years Since Installation:	15.78 (as of 10/01/15)
Data Repeater:	White Tank Peak
County:	Maricopa
Latitude:	33° 28' 08.3" (33.46897)
Longitude:	112° 58' 10.4" (112.96955)
Elevation:	1,130 ft. msl
Location:	3 miles SSW of Tonopah
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:	24	
Number of storms greater than 2 inches in 24 hours:	3	
Number of storms greater than 3 inches in 24 hours:	1	
		Approx. T_r
Greatest 15 minute total:	0.83" on 09/08/14	8 years
Greatest 1 hour total:	2.17" on 07/25/07	78 years
Greatest 3 hour total:	2.40" on 07/25/07	44 years
Greatest 6 hour total:	2.48" on 07/25/07	31 years
Greatest 24 hour total:	3.35" on 01/21/10	50 years
Greatest 72 hour total:	4.18" on 01/21/10	99 years

Water Year Totals: (Mean of Complete Water Years [15] = 6.21 inches)

Water Year	Total	Water Year	Total
2020		2010	8.82
2019		2009	5.71
2018		2008	5.83
2017		2007	5.59
2016		2006	4.88
2015	4.76	2005	14.09
2014	8.23	2004	4.21
2013	5.24	2003	8.35
2012	6.14	2002	1.81
2011	4.09	2001	5.35

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 Delaney Wash (gage # 5105) for Water Year 2015

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2						.43						
3										.04		.04
4			.20					.55		.04		.16
5												
6										1.14		.04
7												
8												
9	.04											
10												
11												
12												
13			.16									.12
14												
15								.43				
16												
17												
18			.20							.12		
19						.24						
20												
21												
22												
23												
24												
25							.08					
26				.08								
27				.04								
28												
29				.12	----							
30				.28	----							
31		----	.12	.12	----		----		----			----
SUM	0.04	0.00	0.67	0.63	0.00	0.67	0.08	0.98	0.00	1.34	0.00	0.35
ACC	0.04	0.04	0.71	1.34	1.34	2.01	2.09	3.07	3.07	4.41	4.41	4.76
MAX	0.04	0.00	0.20	0.28	0.00	0.43	0.08	0.55	0.00	1.14	0.00	0.16
NO.	1	0	4	5	0	2	1	2	0	4	0	4
										Maximum Daily Rainfall		1.14
										Maximum Monthly Rainfall		1.34
										Total Annual Rainfall		4.76
										Number of Days with Rain		23

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Delaney Wash (gage # 5105) for Water Year 2014

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1						.71					.28		
2						.04					.04		
3													
4		.04								.59			
5													
6													
7													
8												1.54	
9												.39	
10	.08												
11													
12													
13													
14										.04			
15													
16												.20	
17												.04	
18													
19											.55		
20			.67								.08		
21		.39									.08		
22		1.93											
23		.39											
24		.04											
25											.04		
26													
27												.08	
28													
29						----							
30						----							
31		----				----	----	----	----			----	
SUM	0.08	2.80	0.67	0.00	0.00	0.75	0.00	0.00	0.00	0.63	1.06	2.24	
ACC	0.08	2.87	3.54	3.54	3.54	4.29	4.29	4.29	4.29	4.92	5.98	8.23	
MAX	0.08	1.93	0.67	0.00	0.00	0.71	0.00	0.00	0.00	0.59	0.55	1.54	
NO.	1	5	1	0	0	2	0	0	0	2	6	5	
												Maximum Daily Rainfall	1.93
												Maximum Monthly Rainfall	2.80
												Total Annual Rainfall	8.23
												Number of Days with Rain	22

Flood Control District of Maricopa County ALERT System
 Daily [Rainfall](#) at Delaney Wash (gage # 5105) for Water Year 2013

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4												
5												
6												
7												
8						.59						
9					.16							.75
10												.16
11					.04					.08		
12												
13			.12									
14			.31									
15			.04									
16												
17												
18												
19												
20					.04					.04		
21												
22												
23												
24											.79	
25				.04							.12	
26				.59							.63	
27				.08							.04	
28											.63	
29					----							
30					----							
31		----			----		----		----			----
SUM	0.00	0.00	0.47	0.71	0.24	0.59	0.00	0.00	0.00	0.12	2.20	0.91
ACC	0.00	0.00	0.47	1.18	1.42	2.01	2.01	2.01	2.01	2.13	4.33	5.24
MAX	0.00	0.00	0.31	0.59	0.16	0.59	0.00	0.00	0.00	0.08	0.79	0.75
NO.	0	0	3	3	3	1	0	0	0	2	5	2
							Maximum Daily Rainfall					0.79
							Maximum Monthly Rainfall					2.20
							Total Annual Rainfall					5.24
							Number of Days with Rain					19

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Delaney Wash (gage # 5105) for Water Year 2012

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4	.04	.28								.16		
5												
6												
7		.08										
8												
9												
10												.39
11												
12			.43									
13		.08	.43								.63	
14			.12							.51		
15												
16												
17						.04						
18			.24			1.02						
19			.04									
20												
21											.43	
22										.24	.20	
23											.16	
24												
25												
26												
27												
28												
29										.59		
30					----					.04		
31		----			----		----		----			----
SUM	0.04	0.43	1.26	0.00	0.00	1.06	0.00	0.00	0.00	1.54	1.42	0.39
ACC	0.04	0.47	1.73	1.73	1.73	2.80	2.80	2.80	2.80	4.33	5.75	6.14
MAX	0.04	0.28	0.43	0.00	0.00	1.02	0.00	0.00	0.00	0.59	0.63	0.39
NO.	1	3	5	0	0	2	0	0	0	5	4	1
											Maximum Daily Rainfall	1.02
											Maximum Monthly Rainfall	1.54
											Total Annual Rainfall	6.14
											Number of Days with Rain	21

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Delaney Wash (gage # 5105) for Water Year 2011

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3										.08		
4	.08									.04		
5										.31		
6										.08		
7												
8							.08					
9							.28					
10												
11												.55
12												
13												
14												
15												
16												
17												
18												
19					.31							
20					.08							
21			.04			.16						
22			1.34									
23			.04									
24												
25												
26					.43							
27												
28												
29			.16		----							
30			.04		----							
31		----			----		----		----			----
SUM	0.08	0.00	1.61	0.00	0.83	0.16	0.35	0.00	0.00	0.51	0.00	0.55
ACC	0.08	0.08	1.69	1.69	2.52	2.68	3.03	3.03	3.03	3.54	3.54	4.09
MAX	0.08	0.00	1.34	0.00	0.43	0.16	0.28	0.00	0.00	0.31	0.00	0.55
NO.	1	0	5	0	3	1	2	0	0	4	0	1
							Maximum Daily Rainfall					1.34
							Maximum Monthly Rainfall					1.61
							Total Annual Rainfall					4.09
							Number of Days with Rain					17

Annual Total (mm): 104
Down: 0

Days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Delaney Wash (gage # 5105) for Water Year 2010

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1													
2													
3													
4													
5													
6													
7			.47		.43	.55					.24		
8													
9													
10					.28								
11													
12									.12				
13													
14													
15													
16													
17											.91		
18													
19				.83									
20					.47								
21				3.35	.08		----						
22			.04		.08								
23													
24													
25			----										
26						----							
27					.28	----					.08		
28					.16								
29					----		----			.35			
30					----								
31		----			----		----		----	.12		----	
SUM	0.00	0.00	0.51	4.18	1.77	0.55	0.00	0.00	0.12	0.47	1.22	0.00	
ACC	0.00	0.00	0.51	4.69	6.46	7.01	7.01	7.01	7.13	7.60	8.82	8.82	
MAX	0.00	0.00	0.47	3.35	0.48	0.55	0.00	0.00	0.12	0.35	0.91	0.00	
NO.	0	0	2	2	7	1	0	0	1	2	3	0	
												Maximum Daily Rainfall	3.35
												Maximum Monthly Rainfall	4.18
												Total Annual Rainfall	8.82
												Number of Days with Rain	18

Notes:

Annual rainfall in millimeters: 224
 Gage 5105 down from 03/25 20:58 (178) through 03/28 08:58 (178) due to data collision; no rain fell.
 Gage 5105 down from 04/20 05:58 (178) through 04/22 05:58 (178) due to data collision; no rain fell.
 Gage 5105 down from 04/28 14:58 (178) through 04/30 20:58 (178) due to data collision; no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Delaney Wash (gage # 5105) for Water Year 2006

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												.75
3												
4												
5										.04		
6												
7										.16		
8												.04
9												.91
10											.04	
11						.24					1.10	
12						.04					.08	
13												
14												
15												
16												
17	.47											
18	.63											
19												
20												
21												
22				----								
23												
24											.08	
25										.12		
26										.04		
27												
28												
29									.08			
30											.08	
31		----					----		----			----
SUM	1.10	0.00	0.00	0.00	0.00	0.28	0.00	0.00	0.08	0.35	1.38	1.69
ACC	1.10	1.10	1.10	1.10	1.10	1.38	1.38	1.38	1.46	1.81	3.19	4.88
MAX	0.63	0.00	0.00	0.00	0.00	0.24	0.00	0.00	0.08	0.16	1.10	0.91
NO.	2	0	0	0	0	2	0	0	1	4	5	3
							Maximum Daily Rainfall					1.10
							Maximum Monthly Rainfall					1.69
							Total Annual Rainfall					4.88
							Number of Days with Rain					17

Notes:

Annual rainfall in millimeters: 124 Total down-time: 2.25 days
 Gage 5105 down from 1/21 06:02 (28) through 1/23 12:02 (28) due to repeater failure; no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Delaney Wash (gage # 5105) for Water Year 2005

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2											.04	
3				1.30							.43	
4			.04	.83								
5			.71			.31					.08	
6			.28									
7		.71										
8		.04										
9											1.46	
10					.20						.04	
11					1.14						.08	
12		.08			.24							
13												
14											.08	
15								-----				
16												
17					.04							
18					.20							
19					.55							
20												
21	1.14	.16			.04							
22		.35			.28							
23					.12					.28	.24	
24												
25												
26				.31								
27	.04											
28	1.18		.39									
29			.47		-----							
30			.04		-----					.16		
31		-----			-----		-----		-----	.04		-----
SUM	2.36	1.34	1.93	2.44	2.80	0.31	0.00	0.00	0.00	0.47	2.44	0.00
ACC	2.36	3.70	5.63	8.07	10.87	11.18	11.18	11.18	11.18	11.65	14.09	14.09
MAX	1.18	0.71	0.71	1.30	1.14	0.31	0.00	0.00	0.00	0.28	1.46	0.00
NO.	3	5	6	3	9	1	0	0	0	3	8	0
											Maximum Daily Rainfall	1.46
											Maximum Monthly Rainfall	2.80
											Total Annual Rainfall	14.09
											Number of Days with Rain	38

Notes:

Annual rainfall in millimeters: 358 Total down-time: 2.25 days
 Gage 5105 down from 5/14 05:41 (284) through 5/16 11:41 (284) due to repeater failure; no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Delaney Wash (gage # 5105) for Water Year 2004

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2							1.46					
3						.16	.04					
4							.04					
5						.08						
6												
7												
8												
9												
10												
11			.12									
12		.20										
13											.04	
14										.75		
15											.35	
16												
17										-----		
18										-----		.04
19												.12
20												
21												
22				.12	.04							
23					.63							
24			.04									
25												
26												
27												
28												
29												
30						-----						
31		-----			-----		-----		-----			-----
SUM	0.00	0.20	0.16	0.12	0.67	0.24	1.54	0.00	0.00	0.75	0.39	0.16
ACC	0.00	0.20	0.35	0.47	1.14	1.38	2.91	2.91	2.91	3.66	4.06	4.21
MAX	0.00	0.20	0.12	0.12	0.63	0.16	1.46	0.00	0.00	0.75	0.35	0.12
NO.	0	1	2	1	2	2	3	0	0	1	2	2
							Maximum Daily Rainfall				1.46	
							Maximum Monthly Rainfall				1.54	
							Total Annual Rainfall				4.21	
							Number of Days with Rain				16	

Notes:

Annual rainfall in millimeters: 107

Total down-time: 2.64 days

Gage 5105 down from 7/16 18:20 (93) through 7/19 09:41 (93) due to transmitter failure; no rain fell.

Flood Control District of Maricopa County ALERT System Daily Rainfall at Delaney Wash (gauge # 5105) for Water Year 2003

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1											.04	
2						.08						
3												
4												.16
5												
6												
7												
8				.51								
9												
10												
11												
12					.39							
13					.71							
14										1.18		
15							.04			.28		
16						.63						
17	.08					.08						
18												
19										.04		
20				.04								
21												
22												
23												
24										.12		.04
25					1.30							
26					.12							
27	.08										.55	
28												
29		.31			-----				1.42			
30		.16			-----							
31		-----			-----		-----		-----			-----
SUM	0.16	0.47	0.00	0.55	2.52	0.79	0.04	0.00	0.00	1.54	2.09	0.20
ACC	0.16	0.63	0.63	1.18	3.70	4.49	4.53	4.53	4.53	6.06	8.15	8.35
MAX	0.08	0.31	0.00	0.51	1.30	0.63	0.04	0.00	0.00	1.42	1.18	0.16
NO.	2	2	0	2	4	3	1	0	0	2	5	2
Maximum Daily Rainfall												1.42
Maximum Monthly Rainfall												2.52
Total Annual Rainfall												8.35
Number of Days with Rain												23

Notes:

Total annual rainfall in millimeters: 212

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
 Daily Rainfall at Delaney Wash (gage # 5105) for Water Year 2001

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4	.04											
5												
6						.08				1.65		
7						.75						
8												
9				.04							.43	
10	----										.12	
11	----			.04							.08	
12				.20								
13					.12							
14					.04							
15				.12								
16				.04								
17											.04	
18												
19												
20												
21	.04						.08					
22	.39											
23												
24												
25					.08							
26					.04							
27	.47			.16	.16							
28					.12							
29					----							
30					----					.04		
31		----			----		----		----			----
SUM	0.94	0.00	0.00	0.59	0.55	0.83	0.08	0.00	0.00	1.69	0.67	0.00
ACC	0.94	0.94	0.94	1.54	2.09	2.91	2.99	2.99	2.99	4.69	5.35	5.35
MAX	0.47	0.00	0.00	0.20	0.16	0.75	0.08	0.00	0.00	1.65	0.43	0.00
NO.	4	0	0	6	6	2	1	0	0	2	4	0
										Maximum Daily Rainfall		1.65
										Maximum Monthly Rainfall		1.69
										Total Annual Rainfall		5.35
										Number of Days with Rain		25

Notes:

Annual rainfall in millimeters: 136 Total down-time: 3.42 days
 Gage 5105 down from 10/08 23:13 (1) through 10/12 09:17 (1) due to programming error; no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Delaney Wash (gage # 5105) for Water Year 2000

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	----	----	----									
2	----	----	----									
3	----	----	----									
4	----	----	----									
5	----	----	----			.94						
6	----	----	----			.47						
7	----	----	----			.20						
8	----	----	----							.12		
9	----	----	----									
10	----	----	----									
11	----	----	----									
12	----	----	----									
13	----	----	----									
14	----	----	----									
15	----	----	----									
16	----	----	----								.16	
17	----	----	----									
18	----	----	----									
19	----	----	----									
20	----	----	----									
21	----	----	----		.16							
22	----	----	----		.04						.43	
23	----	----	----									
24	----	----	----									
25	----	----	----									
26	----	----	----									
27	----	----	----									
28	----	----	----									
29	----	----	----						.04		.20	
30	----	----	----		----						.20	
31	----	----	----		----		----		----		.04	----
SUM	----	----	0.00	0.00	0.20	1.61	0.00	0.00	0.04	0.12	1.02	0.00
ACC	----	----	0.00	0.00	0.20	1.81	1.81	1.81	1.85	1.97	2.99	2.99
MAX	----	----	0.00	0.00	0.16	0.94	0.00	0.00	0.04	0.12	0.43	0.00
NO.	----	----	0	0	2	3	0	0	1	1	5	0
											Maximum Daily Rainfall	0.94
											Maximum Monthly Rainfall	1.61
											Partial Annual Rainfall	2.99
											Number of Days with Rain	12

Notes:

Partial annual rainfall in millimeters: 76
 Station 5105 installed 12/20/1999.

Total down-time: 0 days