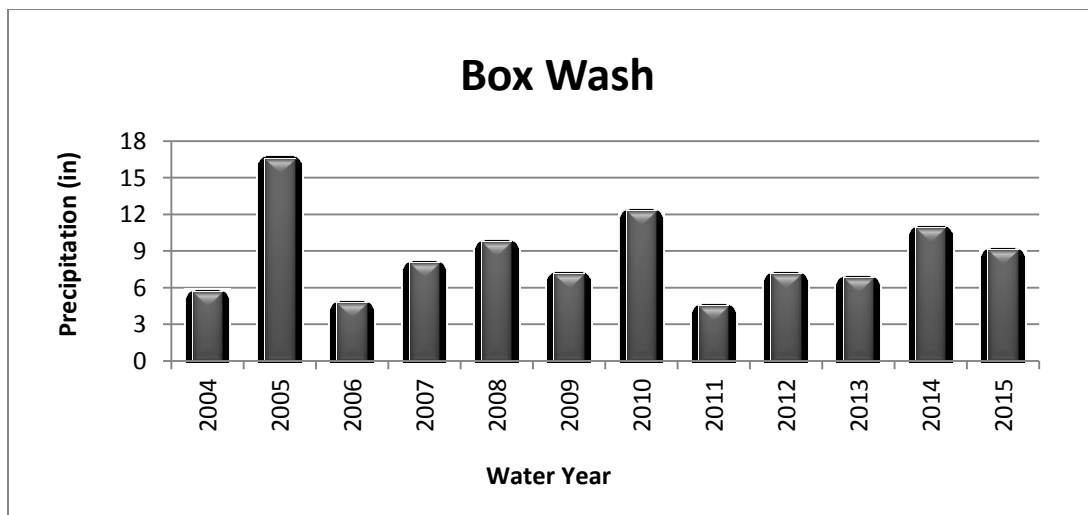


Station Name: Box Wash

Station ID Number History:	5270 since 03/11/2003
Station Type:	Rain / Stream
Data Begins:	03/11/2003
Years Since Installation:	12.56 (as of 10/01/15)
Data Repeater:	White Tank Peak
County:	Maricopa
Latitude:	33° 50' 57.4" (33.84927)
Longitude:	112° 47' 56.8" (112.79911)
Elevation:	2,260 ft. msl
Location:	9 miles southwest of Wickenburg
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:	28	
Number of storms greater than 2 inches in 24 hours:	2	
Number of storms greater than 3 inches in 24 hours:	1	
		Approx. T _r
Greatest 15 minute total:	0.91" on 09/06/07	8 years
Greatest 1 hour total:	1.34" on 08/12/14	5 years
Greatest 3 hour total:	1.50" on 08/12/14	5 years
Greatest 6 hour total:	1.73" on 01/21/10	4 years
Greatest 24 hour total:	3.97" on 01/21/10	37 years
Greatest 72 hour total:	5.19" on 01/21/10	66 years

Water Year Totals (Mean of Complete Water Years [12] = 8.50 inches):

Water Year	Total	Water Year	Total
2020		2010	12.24
2019		2009	7.09
2018		2008	9.69
2017		2007	7.99
2016		2006	4.72
2015	9.02	2005	16.54
2014	10.83	2004	5.63
2013	6.77	2003	M
2012	7.05	2002	
2011	4.45	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 Box Wash (gage # 5270) for Water Year 2015

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1				.04		.16				.08			
2						1.26							
3			.16										
4			.59					.59					
5													
6													
7												.04	
8												.04	
9	.04												
10									.12				
11				.04									
12											.04		
13			.24	.12									
14													
15								.31					
16								.04					
17			.43							.63			
18			.24							.59			
19			.20			.39				.04			
20													
21													
22													
23					.04								
24											.08		
25							.20						
26				.04			.16						
27				.08							.28		
28													
29				.12	----								
30				.71	----								
31		----	.16	.31	----		----		----	.43		----	
SUM	0.04	0.00	2.01	1.46	0.04	1.81	0.35	0.94	0.12	1.77	0.39	0.08	
ACC	0.04	0.04	2.05	3.50	3.54	5.35	5.71	6.65	6.77	8.54	8.94	9.02	
MAX	0.04	0.00	0.59	0.71	0.04	1.26	0.20	0.59	0.12	0.63	0.28	0.04	
NO.	1	0	7	8	1	3	2	3	1	5	3	2	
												Maximum Daily Rainfall	1.26
												Maximum Monthly Rainfall	2.01
												Total Annual Rainfall	9.02
												Number of Days with Rain	36

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Box Wash (gauge # 5270) for Water Year 2014

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1						.67					.04	
2											.12	
3										.43	.04	
4		.04								.20		.43
5												
6										.47		
7												
8												.71
9												.28
10	.08											
11												.08
12											1.54	
13										.43	.04	
14										.47		
15												
16												
17											.04	
18											.47	
19			.12									.08
20			.75									
21		.08									.08	
22		1.73										
23		.51										
24		.12										
25			----									.08
26												
27												.20
28					.08							
29					----							
30					----							
31		----			----		----		----	.43		----
SUM	0.08	2.48	0.87	0.00	0.08	0.67	0.00	0.00	0.00	2.44	2.36	1.85
ACC	0.08	2.56	3.43	3.43	3.50	4.17	4.17	4.17	4.17	6.61	8.98	10.83
MAX	0.08	1.73	0.75	0.00	0.08	0.67	0.00	0.00	0.00	0.47	1.54	0.71
NO.	1	5	2	0	1	1	0	0	0	6	8	7
											Maximum Daily Rainfall	1.73
											Maximum Monthly Rainfall	2.48
											Total Annual Rainfall	10.83
											Number of Days with Rain	31

Gage 5270 down from 12/24 01:51 (87) through 12/26 07:51 (87) due to data collision; no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Box Wash (gage # 5270) for Water Year 2012

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			.08									
2											----	
3											----	
4		.24								.71		
5		.04										
6	.08											
7		.20										
8												
9												
10												.04
11												
12			.67							.08		
13		.08	.51							.16		
14			.20							.63		
15												
16											.12	
17												
18			.08			.98						
19												
20												
21										.28	.08	
22											.04	
23											1.61	
24												
25												
26												
27												
28												
29										.16		
30					----							
31		----			----		----		----			----
SUM	0.08	0.55	1.54	0.00	0.00	0.98	0.00	0.00	0.00	2.01	1.85	0.04
ACC	0.08	0.63	2.17	2.17	2.17	3.15	3.15	3.15	3.15	5.16	7.01	7.05
MAX	0.08	0.24	0.67	0.00	0.00	0.98	0.00	0.00	0.00	0.71	1.61	0.04
NO.	1	4	5	0	0	1	0	0	0	6	4	1
											Maximum Daily Rainfall	1.61
											Maximum Monthly Rainfall	2.01
											Total Annual Rainfall	7.05
											Number of Days with Rain	22

Gage 5270 down from 8/01 19:59 (131) through 8/04 07:59 (131) due to data collision; no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Box Wash (gage # 5270) for Water Year 2011

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3										.04		
4	.08									.04		
5	.24									.08		
6												
7												
8							.04					
9							.28					
10									----			
11									----			
12									----			
13												
14												
15												
16			.08									
17												
18								.04				
19					.55							
20	.08				.08							
21		.04				.24						
22			1.34									
23												
24												
25												
26					.35							
27					.04							
28												
29			.35		----							
30			.08		----					.39		
31		----			----		----		----			----
SUM	0.39	0.04	1.85	0.00	1.02	0.24	0.31	0.04	0.00	0.55	0.00	0.00
ACC	0.39	0.43	2.28	2.28	3.31	3.54	3.86	3.90	3.90	4.45	4.45	4.45
MAX	0.24	0.04	1.34	0.00	0.55	0.24	0.28	0.04	0.00	0.39	0.00	0.00
NO.	3	1	4	0	4	1	2	1	0	4	0	0
							Maximum Daily Rainfall				1.34	
							Maximum Monthly Rainfall				1.85	
							Total Annual Rainfall				4.45	
							Number of Days with Rain				20	

Annual Total (mm): 113 Days Down: 4.27
Gage 5270 down from 06/09 08:25 (99) through 06/13 14:57 (99) due to programming error; no rain fell.

Flood Control District of Maricopa County ALERT System
 Daily Rainfall at Box Wash (gage # 5270) for Water Year 2009

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3										.04		
4										.04		
5												.08
6												
7					.31							
8			.04		.04							
9					.24							
10												
11							1.14					
12												
13												
14												
15												
16			.63									
17			.91		.08							
18												
19												
20												
21										.28		
22								.04			1.18	
23												
24												
25			.31								.04	
26		.35	.16									
27		1.14										
28		.04										
29					----							
30					----							
31		----			----		----		----			----
SUM	0.00	1.54	2.05	0.00	0.67	0.00	1.14	0.04	0.00	0.35	1.22	0.08
ACC	0.00	1.54	3.58	3.58	4.25	4.25	5.39	5.43	5.43	5.79	7.01	7.09
MAX	0.00	1.14	0.91	0.00	0.31	0.00	1.14	0.04	0.00	0.28	1.18	0.08
NO.	0	3	5	0	4	0	1	1	0	3	2	1
							Maximum Daily Rainfall				1.18	
							Maximum Monthly Rainfall				2.05	
							Total Annual Rainfall				7.09	
							Number of Days with Rain				20	

Notes:
 Annual rainfall in millimeters: 180Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Box Wash (gage # 5270) for Water Year 2007

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1											.08	
2												
3												
4												
5												
6												1.38
7												.04
8												
9												
10												
11												
12							.08					
13												
14	.24										.12	
15												
16												
17												
18												
19				.24	.39							
20												
21				.04								
22						.75						.39
23						.31						
24						.04						
25										.98		
26												
27												
28			.12							1.02		
29					----							
30					----							
31		----		.98	----		----		----	.67	.12	----
SUM	0.24	0.00	0.12	1.26	0.39	1.10	0.08	0.00	0.00	2.68	0.31	1.81
ACC	0.24	0.24	0.35	1.61	2.01	3.11	3.19	3.19	3.19	5.87	6.18	7.99
MAX	0.24	0.00	0.12	0.98	0.39	0.75	0.08	0.00	0.00	1.02	0.12	1.38
NO.	1	0	1	3	1	3	1	0	0	3	3	3
											Maximum Daily Rainfall	1.38
											Maximum Monthly Rainfall	2.68
											Total Annual Rainfall	7.99
											Number of Days with Rain	19

Notes:

Annual rainfall in millimeters: 203

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Box Wash (gage # 5270) for Water Year 2005

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2				.04							.59	
3				.83								
4			.04	.79								
5			.24			.16						
6			.31									
7		.91										
8		.24									.04	
9											.20	
10					.12							
11				.12	1.65						.04	
12		.12			.83							
13												
14												
15								-----				
16								-----				
17					.08							
18					.28							
19					.75	.24						
20					.04							
21	1.61	.20			.08				-----			
22		.59			.55				-----	.04		
23					.12		.12			.35		
24					.04							
25												
26				.24						.20		
27	.16			.04								
28	.98		.20									
29	.04		1.06	.08	-----							
30					-----					1.22		
31		-----			-----		-----		-----			-----
SUM	2.80	2.05	1.85	2.13	4.53	0.39	0.12	0.00	0.00	1.81	0.87	0.00
ACC	2.80	4.84	6.69	8.82	13.35	13.74	13.86	13.86	13.86	15.67	16.54	16.54
MAX	1.61	0.91	1.06	0.83	1.65	0.24	0.12	0.00	0.00	1.22	0.59	0.00
NO.	4	5	5	7	11	2	1	0	0	4	4	0
							Maximum Daily Rainfall				1.65	
							Maximum Monthly Rainfall				4.53	
							Total Annual Rainfall				16.54	
							Number of Days with Rain				43	

Notes:

Annual rainfall in millimeters: 420 Total down-time: 5.88 days
 Gage 5270 down from 5/14 06:04 (352) through 5/17 12:04 (352) due to repeater failure; no rain fell.
 Gage 5270 down from 6/20 21:01 (352) through 6/23 12:11 (352) for unknown reason; no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Box Wash (gage # 5270) for Water Year 2004

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1							.20					
2						.04	1.61					
3					.04	.04						
4						.04						
5						.04						
6												
7												
8												
9												
10												
11		.04	.35								.31	
12		.67										
13			.04									
14										.04		
15											1.10	
16										.04		
17											.04	
18												.16
19											-----	.08
20											-----	
21											-----	
22					.16						-----	
23					.35							
24					.08							
25										.04		
26			.04							.08		
27												
28												
29												
30					-----							
31	-----				-----		-----		-----			-----
SUM	0.00	0.71	0.43	0.00	0.63	0.16	1.81	0.00	0.00	0.20	1.46	0.24
ACC	0.00	0.71	1.14	1.14	1.77	1.93	3.74	3.74	3.74	3.94	5.39	5.63
MAX	0.00	0.67	0.35	0.00	0.35	0.04	1.61	0.00	0.00	0.08	1.10	0.16
NO.	0	2	3	0	4	4	2	0	0	4	3	2
							Maximum Daily Rainfall					1.61
							Maximum Monthly Rainfall					1.81
							Total Annual Rainfall					5.63
							Number of Days with Rain					24

Notes:

Annual rainfall in millimeters: 143 Total down-time: 4.77 days
 Gage 5270 down from 8/18 15:48 (137) through 8/23 10:14 (137) for unknown reason; no rain fell.

