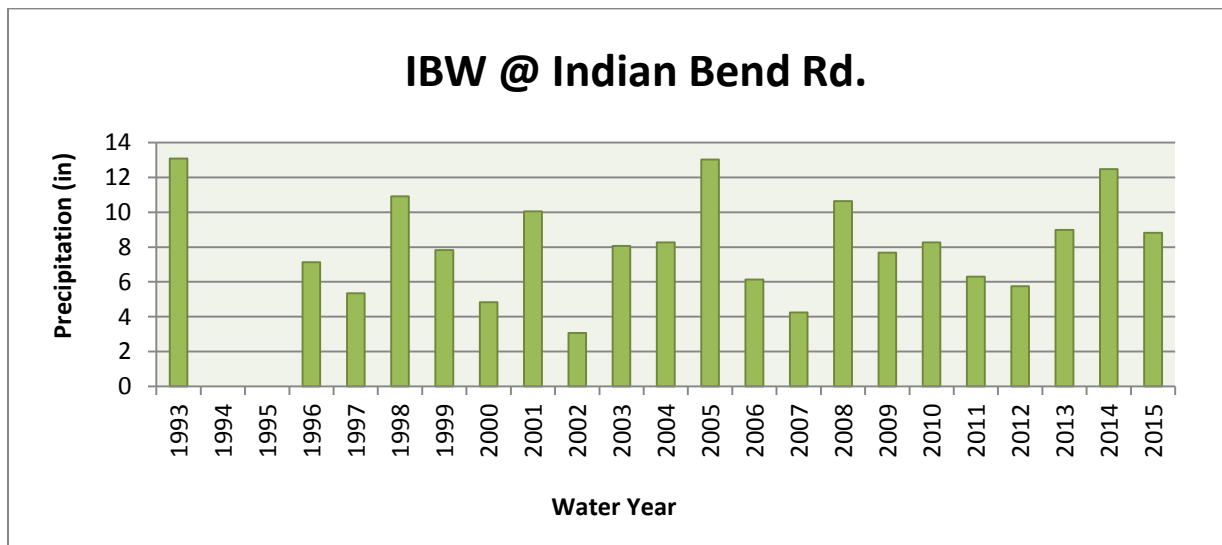




Station Name: Indian Bend Wash @ Indian Bend Rd.

Station ID Number History:	4610 since 03/25/92
Station Type:	Rain / Stream
Data Begins:	03/25/1992
Years Since Installation:	23.52 (as of 10/01/15)
Data Repeater:	Thompson Peak
County:	Maricopa
Latitude:	33° 32' 04.0" (33.53444)
Longitude:	111° 54' 51.1" (111.91422)
Elevation:	1,280 ft. msl
Location:	On Indian Bend Wash just south of Indian Bend Road
Data Record:	
Incomplete Months:	02/94; 09/95
Missing Months:	None
Remarks:	Records Fair; Good since 1996



Data Statistics for Period of Record:

Number of storms greater than 1 inch in 24 hours:	41	
Number of storms greater than 2 inches in 24 hours:	5	
Number of storms greater than 3 inches in 24 hours:	0	
		Approx. T_r
Greatest 15 minute total:	1.10" on 08/02/05	67 years
Greatest 1 hour total:	1.85" on 08/02/05	70 years
Greatest 3 hour total:	2.13" on 08/02/05	57 years
Greatest 6 hour total:	2.40" on 09/08/14	61 years
Greatest 24 hour total:	2.56" on 09/08/14	17 years
Greatest 72 hour total:	2.72" on 03/06/00	11 years

Water Year Totals: (Mean of Complete Water Years [21] = 8.14 inches)

Water Year	Total	Water Year	Total	Water Year	Total
2020		2010	8.27	2000	4.84
2019		2009	7.68	1999	7.83
2018		2008	10.63	1998	10.91
2017		2007	4.25	1997	5.35
2016		2006	6.14	1996	7.13
2015	8.82	2005	13.03	1995	M
2014	12.48	2004	8.27	1994	M
2013	8.98	2003	8.07	1993	13.07
2012	5.75	2002	3.07	1992	M
2011	6.30	2001	10.04	1991	

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 IBW @ Indian Bend Rd. (gage # 4610) for Water Year 2013

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4												
5												
6											.04	
7												
8						1.30	.08					.43
9		.12				.04						.55
10												
11	.08				.20							
12												
13			.28									
14			.63									
15			.47									
16										.28		
17												
18			.12									
19										.04		
20					.75					.04	.08	
21										1.18		
22												
23												
24											.08	
25											.04	
26				1.57								
27				.24								
28				.04							.28	
29					----							
30					----							
31		----			----		----		----		.04	----
SUM	0.08	0.12	1.50	1.85	0.94	1.34	0.08	0.00	0.00	1.54	0.55	0.98
ACC	0.08	0.20	1.69	3.54	4.49	5.83	5.91	5.91	5.91	7.44	7.99	8.98
MAX	0.08	0.12	0.63	1.57	0.75	1.30	0.08	0.00	0.00	1.18	0.28	0.55
NO.	1	1	4	3	2	2	1	0	0	4	6	2
							Maximum Daily Rainfall					1.57
							Maximum Monthly Rainfall					1.85
							Total Annual Rainfall					8.98
							Number of Days with Rain					26

Flood Control District of Maricopa County ALERT System
 Daily Rainfall at IBW @ Indian Bend Rd. (gage # 4610) for Water Year 2012

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3			.16									
4	.04	.16								.04		
5		.35										
6	.04											
7		.24										.08
8												
9								.08				
10												
11												.04
12		.04	.31							.47		
13		.24	.75									
14			.04				.04			.04		
15												
16												
17											.16	
18			.08			.39						
19												
20												
21		.12								.08	.47	
22											.08	
23											.75	
24												
25												
26												
27												
28										.20		
29										.12		
30												
31		----			----		----		----	.16		----
SUM	0.08	1.14	1.34	0.00	0.00	0.40	0.04	0.08	0.00	1.10	1.46	0.12
ACC	0.08	1.22	2.56	2.56	2.56	2.95	2.99	3.07	3.07	4.17	5.63	5.75
MAX	0.04	0.35	0.75	0.00	0.00	0.39	0.04	0.08	0.00	0.47	0.75	0.08
NO.	2	6	5	0	0	1	1	1	0	7	4	2
							Maximum Daily Rainfall					0.75
							Maximum Monthly Rainfall					1.46
							Total Annual Rainfall					5.75
							Number of Days with Rain					29

Flood Control District of Maricopa County ALERT System
Daily Rainfall at IBW @ Indian Bend (gage # 4610) for Water Year 2009

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1													
2													
3													
4				.12									
5				.04								.63	
6													
7													
8					1.38								
9					.87								
10													
11							.63						
12													
13											.39		
14													
15													
16			.24										
17			.04		.04								
18			.16										
19													
20													
21								.12		.04	.79		
22			.20	.08				.31			.04		
23			.08										
24				.04									
25			.31										
26		.20	.55										
27		.39											
28													
29					----								
30					----								
31		----			----		----		----			----	
SUM	0.00	0.59	1.57	0.28	2.28	0.00	0.63	0.43	0.00	0.04	1.22	0.63	
ACC	0.00	0.59	2.17	2.44	4.72	4.72	5.35	5.79	5.79	5.83	7.05	7.68	
MAX	0.00	0.39	0.55	0.12	1.38	0.00	0.63	0.31	0.00	0.04	0.79	0.63	
NO.	0	2	7	4	3	0	1	2	0	1	3	1	
												Maximum Daily Rainfall	1.38
												Maximum Monthly Rainfall	2.28
												Total Annual Rainfall	7.68
												Number of Days with Rain	24

Notes:

Annual rainfall in millimeters: 195

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at IBW @ Indian Bend (gage # 4610) for Water Year 2006

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2											.04	.24
3												
4												.16
5							.04			.04		
6												
7												
8												
9												
10												
11						1.38					.20	
12											.71	
13												
14												
15												
16												
17	.04											
18	.28											
19						.16						
20												
21						.08					.12	
22												
23												
24										.20	.98	
25										1.10		
26										.16		
27										.04		
28												
29												
30										.16		
31												
SUM	0.31	0.00	0.00	0.00	0.00	1.61	0.04	0.00	0.00	1.69	2.05	0.39
ACC	0.31	0.31	0.31	0.31	0.31	1.93	1.97	1.97	1.97	3.70	5.75	6.14
MAX	0.28	0.00	0.00	0.00	0.00	1.38	0.04	0.00	0.00	1.10	0.98	0.24
NO.	2	0	0	0	0	3	1	0	0	6	5	2
							Maximum Daily Rainfall					1.38
							Maximum Monthly Rainfall					2.05
							Total Annual Rainfall					6.14
							Number of Days with Rain					19

Notes:

Annual rainfall in millimeters: 156

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
 Daily Rainfall at IBW @ Indian Bend Rd. (gage # 4610) for Water Year 2005

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2											2.13	
3				1.18							.12	
4			.28	.63								
5			.20			.24						-----
6			.24									
7		.08		.04							.47	
8		.04									.04	
9											.47	
10					.12							
11				.12	.91							
12					.47						.43	
13												
14												
15		.04										
16												
17					.12							
18					.31						-----	
19					.83						-----	
20					.31						-----	
21	.43	.04			.12						-----	
22		.20			.08							
23							.24			.04		
24				.12	.08		.04		.04			
25						.04						
26				.35								
27												
28	.47		.12									
29			.63	.08	-----							
30			.04		-----							
31		-----			-----		-----	-----	.08		-----	
SUM	0.91	0.39	1.50	2.52	3.35	0.28	0.28	0.00	0.04	0.12	3.66	0.00
ACC	0.91	1.30	2.80	5.31	8.66	8.94	9.21	9.21	9.25	9.37	13.03	13.03
MAX	0.47	0.20	0.63	1.18	0.91	0.24	0.24	0.00	0.04	0.08	2.13	0.00
NO.	2	5	6	7	10	2	2	0	1	2	6	0
											Maximum Daily Rainfall	2.13
											Maximum Monthly Rainfall	3.66
											Total Annual Rainfall	13.03
											Number of Days with Rain	43

Notes:

Annual rainfall in millimeters: 331 Total down-time: 6.80 days
 Gage 4610 down from 8/17 08:50 (331) through 8/22 08:50 (331) due to antenna problem, no rain fell.
 Gage 4610 down from 9/04 14:50 (331) through 9/06 10:00 (331) due to programming error; no rain fell.

Flood Control District of Maricopa County ALERT System
 Daily Rainfall at IBW @ Indian Bend (gage # 4610) for Water Year 2003

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1						.04					.04	
2	.04											
3												
4												.31
5						.04						
6												
7												
8				.39								
9				.08								.04
10				.04								.08
11												
12					.08							
13					1.77							
14					.51						.24	
15					.04		.20				.04	
16						.31						
17	.08		.08			.24						
18												
19											.31	
20				.20								
21												
22												
23	.08		.28									
24												.04
25					.83							
26	.16				.16							
27					.31						.04	
28					.12							
29		.20	.04		-----					.59		
30		.04			-----							
31		-----			-----		-----		-----			-----
SUM	0.35	0.24	0.39	0.71	3.82	0.63	0.20	0.00	0.00	0.59	0.67	0.47
ACC	0.35	0.59	0.98	1.69	5.51	6.14	6.34	6.34	6.34	6.93	7.60	8.07
MAX	0.16	0.20	0.28	0.39	1.77	0.31	0.20	0.00	0.00	0.59	0.31	0.31
NO.	4	2	3	4	8	4	1	0	0	1	5	4
	Maximum Daily Rainfall											1.77
	Maximum Monthly Rainfall											3.82
	Total Annual Rainfall											8.07
	Number of Days with Rain											36

Notes:

Total annual rainfall in millimeters: 205

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
 Daily Rainfall at IBW @ Indian Bend (gage # 4610) for Water Year 2002

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4			.59									
5		.28										
6												.20
7							.20					.08
8												.04
9												.16
10				.08								.04
11			.08									
12										.04		
13												
14										.55		
15												
16												
17												
18												
19												
20												
21												
22												
23										.71		
24												
25												
26												
27												
28												
29					-----							
30				.04	-----							
31		-----			-----		-----		-----			-----
SUM	0.00	0.28	0.67	0.12	0.00	0.00	0.20	0.00	0.00	1.30	0.00	0.51
ACC	0.00	0.28	0.94	1.06	1.06	1.06	1.26	1.26	1.26	2.56	2.56	3.07
MAX	0.00	0.28	0.59	0.08	0.00	0.00	0.20	0.00	0.00	0.71	0.00	0.20
NO.	0	1	2	2	0	0	1	0	0	3	0	5
										Maximum Daily Rainfall		0.71
										Maximum Monthly Rainfall		1.30
										Total Annual Rainfall		3.07
										Number of Days with Rain		14

Notes:

Total annual rainfall in millimeters: 78

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at IBW @ Indian Bend (gage # 4610) for Water Year 1998

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			.12				.28					
2			.04				.04					
3			.04		.04							
4					1.34							.08
5												
6			.08			.04				.20		.31
7			.24		.04							
8			.04		.51							
9					.31							
10				.39								
11				.04								.04
12							.20					
13								.04				
14		.08			.08	.16						
15					.47	.12					.16	
16												
17					.59	.04					.20	
18					.04							
19												
20					.24							
21	.04		.24									
22	.04		.55							.43		.24
23												
24					.55							
25			.04									
26						1.50						
27												
28						.35					.04	
29						.28						
30												
31												
SUM	0.08	0.08	1.38	0.43	4.21	2.48	0.51	0.04	0.00	0.63	0.39	0.67
ACC	0.08	0.16	1.54	1.97	6.18	8.66	9.17	9.21	9.21	9.84	10.24	10.91
MAX	0.04	0.08	0.55	0.39	1.34	1.50	0.28	0.04	0.00	0.43	0.20	0.31
NO.	2	1	9	2	11	7	3	1	0	2	3	4
							Maximum Daily Rainfall					1.50
							Maximum Monthly Rainfall					4.21
							Total Annual Rainfall					10.91
							Number of Days with Rain					45

Notes:

Annual rainfall in millimeters: 277

Total down-time: 0 days

Flood Control District of Maricopa County ALERT System
 Daily Rainfall at IBW @ Indian Bend Rd. (gage # 4610) for Water Year 1996

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		1.06			.63							
2		.04										.83
3												
4												.08
5		.35										.08
6		.12										
7										.04		
8												
9										.51		.08
10												
11												.51
12												
13						.16						
14						.20					.08	
15										.08		
16												
17												
18											.51	
19												
20												
21												
22				.04								
23												
24												
25					.43					1.06		
26					.08							
27												
28												
29												
30												
31				.12								
SUM	0.00	1.57	0.00	0.16	1.14	0.35	0.00	0.00	0.00	1.69	0.59	1.57
ACC	0.00	1.57	1.57	1.73	2.91	3.27	3.27	3.27	3.27	4.96	5.55	7.13
MAX	0.00	1.06	0.00	0.12	0.63	0.20	0.00	0.00	0.00	1.06	0.51	0.83
NO.	0	4	0	2	3	2	0	0	0	4	2	5
										Maximum Daily Rainfall		1.06
										Maximum Monthly Rainfall		1.69
										Total Annual Rainfall		7.13
										Number of Days with Rain		22

Notes:

Annual Rainfall in mm: 181

Gage down from 12/14 08:53 (40) through 12/21 21:38 (40) for unknown reason; no rain fell.

Gage down from 9/23 01:02 (181) through 9/30 13:25 (181) for unknown reason, no rain fell.

Flood Control District of Maricopa County ALERT System
 Daily Rainfall at IBW @ Indian Bend Rd. (gage # 4610) for Water Year 1995

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1													
2													
3													
4			0.04	0.71									
5			0.55	0.31		0.24							
6			0.35			0.83							
7								0.08				0.16	
8													
9													
10													
11						0.39				0.20			
12		0.55		0.12	0.04	0.16							
13					0.08								
14					0.08						0.04		
15	0.59										0.04		
16							0.16						
17				0.16									
18							0.04						
19							0.24				0.35		
20													
21					0.28						0.35		
22					0.20								
23			0.43								0.28		
24													
25			0.55	0.08									
26			0.28	0.08									
27													
28					0.08							0.59	
29													
30													
31													
SUM	0.59	0.55	2.20	1.46	0.75	1.61	0.43	0.08	0.00	0.20	1.06	0.75	
ACC	0.59	1.14	3.35	4.80	5.55	7.17	7.60	7.68	7.68	7.87	8.98	9.72	
MAX	0.59	0.55	0.55	0.71	0.28	0.83	0.24	0.08	0.00	0.20	0.35	0.59	
NO.	1	1	6	6	6	4	3	1	0	1	5	2	
												Maximum Daily Rainfall	0.83
												Maximum Monthly Rainfall	2.20
												Partial Annual Rainfall	9.72
												Number of Days with Rain	36

Notes:

Gage down from 9/27 20:48 (232) through 9/29 09:16 (247) due to transmitter failure; assigned rainfall to 9/28 but assumed inaccurate since event was reported by field technician as missing; monthly & annual totals inaccurate.

Partial annual rainfall in mm: 247

Flood Control District of Maricopa County ALERT System
Daily Rainfall at IBW @ Indian Bend (gage # 4610) for Water Year 1993

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3			.12	.08								
4			1.77									
5			.04	.04								
6				.51							.12	
7				.55							.04	
8			.87	.91	.98							
9					.04						.16	
10				1.10	.20							
11				.59								
12				.20								
13				.04								
14				.16	.35							
15				.16	.04							
16				.24				.04				
17				.04								
18				.35								
19					.08							
20												
21												
22												
23												
24											.16	
25												
26						.71						
27			.16			.39					.39	
28	.04		.71		.31	.20						
29					-----	.20						
30					-----							
31		-----			-----		-----		-----			-----
SUM	0.04	0.00	3.66	4.96	2.01	1.50	0.00	0.04	0.00	0.00	0.87	0.00
ACC	0.04	0.04	3.70	8.66	10.67	12.17	12.17	12.20	12.20	12.20	13.07	13.07
MAX	0.04	0.00	1.77	1.10	0.98	0.71	0.00	0.04	0.00	0.00	0.39	0.00
NO.	1	0	6	14	7	4	0	1	0	0	5	0
	Maximum Daily Rainfall											1.77
	Maximum Monthly Rainfall											4.96
	Total Annual Rainfall											13.07
	Number of Days with Rain											38

Flood Control District of Maricopa County ALERT System
Daily Rainfall at IBW @ Indian Bend (gage # 4610) for Water Year 1992

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	-----	-----	-----	-----	-----	-----	.43					
2	-----	-----	-----	-----	-----	-----	.04					
3	-----	-----	-----	-----	-----	-----						
4	-----	-----	-----	-----	-----	-----						
5	-----	-----	-----	-----	-----	-----		.04			.12	
6	-----	-----	-----	-----	-----	-----					.35	
7	-----	-----	-----	-----	-----	-----					.08	
8	-----	-----	-----	-----	-----	-----						
9	-----	-----	-----	-----	-----	-----						
10	-----	-----	-----	-----	-----	-----				.31		
11	-----	-----	-----	-----	-----	-----				.28		
12	-----	-----	-----	-----	-----	-----						
13	-----	-----	-----	-----	-----	-----						
14	-----	-----	-----	-----	-----	-----						
15	-----	-----	-----	-----	-----	-----						
16	-----	-----	-----	-----	-----	-----						
17	-----	-----	-----	-----	-----	-----						
18	-----	-----	-----	-----	-----	-----						
19	-----	-----	-----	-----	-----	-----		.28				
20	-----	-----	-----	-----	-----	-----		.31			.04	
21	-----	-----	-----	-----	-----	-----		.04				
22	-----	-----	-----	-----	-----	-----					1.34	
23	-----	-----	-----	-----	-----	-----		.20		.12	.35	
24	-----	-----	-----	-----	-----	-----				1.69		
25	-----	-----	-----	-----	-----	-----		.04				
26	-----	-----	-----	-----	-----	-----						
27	-----	-----	-----	-----	-----	.63						
28	-----	-----	-----	-----	-----	-----						
29	-----	-----	-----	-----	-----	.16						
30	-----	-----	-----	-----	-----	.04						
31	-----	-----	-----	-----	-----	.16	-----		-----			-----
SUM	-----	-----	-----	-----	-----	0.98	0.47	0.91	0.00	2.40	2.28	0.00
ACC	-----	-----	-----	-----	-----	0.98	1.46	2.36	2.36	4.76	7.09	7.09
MAX	-----	-----	-----	-----	-----	0.63	0.43	0.31	0.00	1.69	1.34	0.00
NO.	-----	-----	-----	-----	-----	4	2	6	0	4	6	0
											Maximum Daily Rainfall	1.69
											Maximum Monthly Rainfall	2.40
											Partial Annual Rainfall	7.09
											Number of Days with Rain	22

Station installed on 03/25/1992.