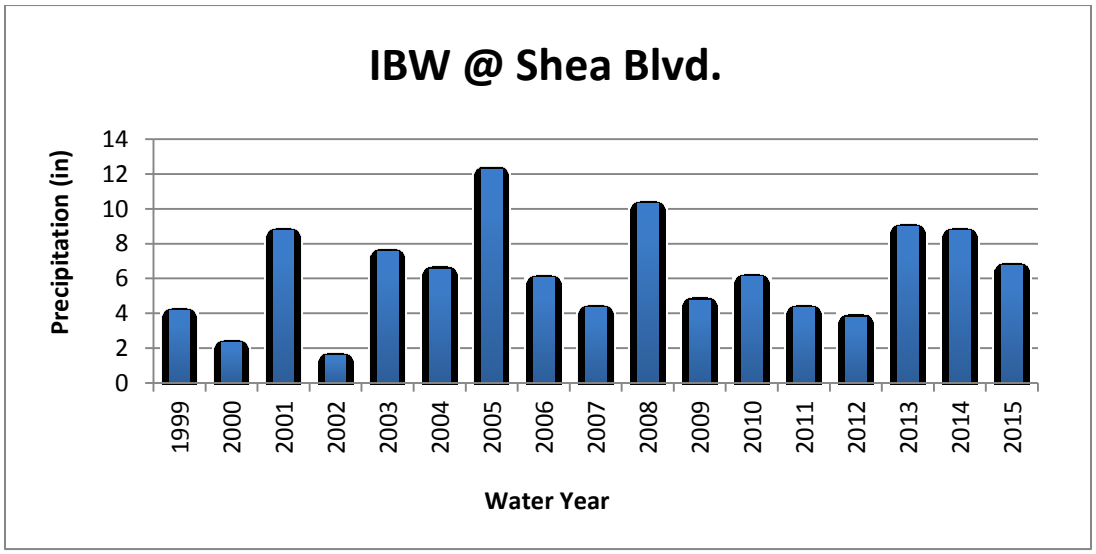
Station Name: IBW @ Shea Blvd.

Station ID Number History:	**4690** since 06/09/98
Station Type:	Rain/Stream
Data Begins:	06/09/1998
Years Since Installation:	17.31 (as of 10/01/15)
Data Repeater:	Thompson Peak
County:	Maricopa
Latitude:	33º 34’ 53.2” (33.58143)
Longitude:	111º 58’ 06.3” (111.96841)
Elevation:	1,360 ft. msl
Location:	Shea Blvd. at 52nd Street
Data Record:	
Incomplete Months:	None
Missing Months:	None
Remarks:	Records Fair – many estimated values



Data Statistics for Period of Record:

Number of storms greater than 1 inch in 24 hours:	23	
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:	1.26" on 07/21/13	141 years
Greatest 1 hour total:	2.36" on 08/24/06	312 years
Greatest 3 hour total:	2.52" on 08/24/06	127 years
Greatest 6 hour total:	2.52" on 08/24/06	69 years
Greatest 24 hour total:	2.56" on 09/08/14	15 years
Greatest 72 hour total:	2.91" on 09/08/14	12 years

Water Year Totals: (Mean of Complete Water Years [17] = 6.32 inches)

Water Year	Total	Water Year	Total	Water Year	Total
2020		2010	6.10	2000	2.32
2019		2009	4.76	1999	4.17
2018		2008	10.31	1998	M
2017		2007	4.33	1997	
2016		2006	6.06	1996	
2015	6.77	2005	12.28	1995	
2014	8.74	2004	6.54	1994	
2013	8.98	2003	7.56	1993	
2012	3.78	2002	1.61	1992	
2011	4.33	2001	8.74	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 @ Shea Blvd. (gage # 4690) for Water Year 2015

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2				.04		.39						
3						.08						
4			.67					.35				
5									.16			
6												
7											.04	
8	.20							.04				
9												
10	.08											
11				.04							.08	
12												
13	.04		.39	.04								.04
14												.98
15								.87				
16												
17			.08									
18										.28		
19						.35						
20												
21												
22												
23												
24												
25												
26							.28					
27												
28												
29				.16	----							
30				.39	----							
31		----	.20		----		----		----		.51	----
SUM	0.31	0.00	1.34	0.67	0.00	0.83	0.28	1.26	0.16	0.28	0.63	1.02
ACC	0.31	0.31	1.65	2.32	2.32	3.15	3.43	4.69	4.84	5.12	5.75	6.77
MAX	0.20	0.00	0.67	0.39	0.00	0.39	0.28	0.87	0.16	0.28	0.51	0.98
NO.	3	0	4	5	0	3	1	3	1	1	3	2

Maximum Daily Rainfall	0.98
Maximum Monthly Rainfall	1.34
Total Annual Rainfall	6.77
Number of Days with Rain	26

Flood Control District of Maricopa County ALERT System

Daily Rainfall at IBW @ Shea Blvd. (gage # 4690) for Water Year 2014

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1						.63						
2						.04					.16	
3												
4												
5												.04
6												
7												
8												2.56
9												.35
10												
11												
12											.04	
13											.12	
14												
15										.08		
16												
17												
18												
19			.04								1.10	
20			.16									
21		.35										
22		1.46										
23		.39										
24		.04										.04
25												
26										.04		.04
27										.04		.98
28												.04
29					----							
30					----							
31		----			----		----		----			----
SUM	0.00	2.24	0.20	0.00	0.00	0.67	0.00	0.00	0.00	0.16	1.42	4.06
ACC	0.00	2.24	2.44	2.44	2.44	3.11	3.11	3.11	3.11	3.27	4.69	8.74
MAX	0.00	1.46	0.16	0.00	0.00	0.63	0.00	0.00	0.00	0.08	1.10	2.56
NO.	0	4	2	0	0	2	0	0	0	3	4	7

Maximum Daily Rainfall	2.56
Maximum Monthly Rainfall	4.06
Total Annual Rainfall	8.74
Number of Days with Rain	22

Flood Control District of Maricopa County ALERT System

Daily Rainfall at IBW @ Shea Blvd. (gage # 4690) 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						.94						.28
9		.08				.04						.51
10												
11												
12												
13			.20									
14			.63									
15			.55									
16										.12		
17												
18			.12									
19										.63		
20					.94							
21										1.97		
22												
23												
24										.08		
25										.04		
26				1.30								
27				.12								
28				.04							.31	
29					----							
30			.04		----							
31		----	.04		----		----		----			----
SUM	0.00	0.08	1.57	1.46	0.94	0.98	0.00	0.00	0.00	2.83	0.31	0.79
ACC	0.00	0.08	1.65	3.11	4.06	5.04	5.04	5.04	5.04	7.87	8.19	8.98
MAX	0.00	0.08	0.63	1.30	0.94	0.94	0.00	0.00	0.00	1.97	0.31	0.51
NO.	0	1	6	3	1	2	0	0	0	5	1	2

Maximum Daily Rainfall	1.97
Maximum Monthly Rainfall	2.83
Total Annual Rainfall	8.98
Number of Days with Rain	21

Flood Control District of Maricopa County ALERT System

Daily Rainfall at IBW @ Shea Blvd. (gage # 4690) for Water Year 2012

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4		.20								.04		
5		.28										
6												
7		.16										.24
8												
9												
10												.12
11												
12			.35							.20		
13		.04	.55									
14			.04									
15												
16												
17												
18			.08			.47						
19												
20			.04									
21		.04									.28	
22											.04	
23											.47	
24												
25												
26												
27												
28										.04		
29										.04		
30					----							
31		----			----		----		----	.08		----
SUM	0.00	0.71	1.06	0.00	0.00	0.47	0.00	0.00	0.00	0.39	0.79	0.35
ACC	0.00	0.71	1.77	1.77	1.77	2.25	2.25	2.25	2.25	2.64	3.43	3.78
MAX	0.00	0.28	0.55	0.00	0.00	0.47	0.00	0.00	0.00	0.20	0.47	0.24
NO.	0	5	5	0	0	1	0	0	0	5	3	2

Maximum Daily Rainfall	0.55
Maximum Monthly Rainfall	1.06
Estimated Annual Rainfall	3.78
Number of Days with Rain	21

4690: found plugged funnel on 12/13 10:00, estimated events of 12/12-14.

Flood Control District of Maricopa County ALERT System

Daily Rainfall at IBW @ Shea Blvd. (gage # 4690) for Water Year 2011

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4	.04											
5	.24											
6							.08					
7												
8												
9							.28					
10												
11										.39		
12												
13											.08	
14												
15												
16			.20									
17												
18								.08				
19					.39							
20					.04							
21	.31					.12						
22			.31									
23			.04									
24										.08		
25										.04		
26					.04							
27					.31							
28												
29			.63		----							
30			.16		----							
31		----			----		----		----	.47		----
SUM	0.59	0.00	1.34	0.00	0.79	0.12	0.35	0.08	0.00	0.98	0.08	0.00
ACC	0.59	0.59	1.93	1.93	2.72	2.83	3.19	3.27	3.27	4.25	4.33	4.33
MAX	0.31	0.00	0.63	0.00	0.39	0.12	0.28	0.08	0.00	0.47	0.08	0.00
NO.	3	0	5	0	4	1	2	1	0	5	1	0

Maximum Daily Rainfall	0.63
Maximum Monthly Rainfall	1.34
Total Annual Rainfall	4.33
Number of Days with Rain	22

Annual Total (mm): 110

Days Down: 0

Flood Control District of Maricopa County ALERT System

Daily Rainfall at IBW @ Shea Blvd. (gage # 4690) for Water Year 2010

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1						----						
2												
3												
4												
5												
6												
7			.43		.24							
8			.04									
9												
10										.04		
11			----									
12			----									
13			----									
14												
15												
16												
17											.31	
18				.04							.04	
19				.83								
20				.04	.16							
21				1.22	.43							
22			.16	.31	.24						.08	
23				.08		.08				----		
24											.04	
25												
26												
27												
28				.04	.91							
29					----							
30					----					.04		
31		----			----		----		----	.31		----
SUM	0.00	0.00	0.63	2.56	1.97	0.08	0.00	0.00	0.00	0.39	0.47	0.00
ACC	0.00	0.00	0.63	3.19	5.16	5.23	5.23	5.24	5.24	5.63	6.10	6.10
MAX	0.00	0.00	0.43	1.22	0.91	0.08	0.00	0.00	0.00	0.31	0.31	0.00
NO.	0	0	3	7	5	1	0	0	0	3	4	0

Maximum Daily Rainfall	1.22
Maximum Monthly Rainfall	2.56
Total Annual Rainfall	6.10
Number of Days with Rain	23

Notes:

Annual rainfall in millimeters: 155

Gage 4690 down from 12/10 15:33 (12) through 12/14 09:34 (12) due to repeater failure; no rain fell.

Gage 4690 down from 02/28 19:55 (131) through 03/02 13:58 (131) due to transmitter failure; no rain fell.

Gage 4690 down from 07/22 20:09 (154) through 07/24 20:09 (154) due to data collision; no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at IBW @ Shea Blvd. (gage # 4690) for Water Year 2009

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												.04
3										.04		
4				.08								
5												.08
6												.04
7												
8					.35							
9					.71							
10												
11							.31					.04
12												
13											.39	
14												
15			.04									
16			.39									
17					.04							
18			.16									
19	----							.04				
20										.04		
21								.12			.16	
22			.20	.12				.28			.04	
23			.08									
24												
25			.16									
26		.08	.31									
27		.43										
28												
29					----							
30					----							
31		----			----		----		----			----
SUM	0.00	0.51	1.34	0.20	1.10	0.00	0.31	0.43	0.00	0.08	0.59	0.20
ACC	0.00	0.51	1.85	2.05	3.15	3.15	3.46	3.90	3.90	3.98	4.57	4.76
MAX	0.00	0.43	0.39	0.12	0.71	0.00	0.31	0.28	0.00	0.04	0.39	0.08
NO.	0	2	7	2	3	0	1	3	0	2	3	4

Maximum Daily Rainfall	0.71
Maximum Monthly Rainfall	1.34
Total Annual Rainfall	4.76
Number of Days with Rain	27

Notes:

Annual rainfall in millimeters: 121 Total down-time: 1.78 days
Gage 4690 down from 10/18 14:30 (0) through 10/20 09:12 (0) due to battery failure; no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at IBW @ Shea Blvd. (gage # 4690) for Water Year 2008

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			.47									
2			.04									
3										.12		
4	.04				.20					.16		
5				.08								
6				.04								
7			.43	.59							.20	
8			.39								.08	
9												
10			.08							.43		
11			.08							.16		
12												
13										.08		
14											.16	
15					.04							
16												
17												
18												
19												
20					.16					.16		
21												
22								.04				
23								.04				
24				.04								
25				.04							1.02	
26											.31	
27				1.38								
28				.71							.55	
29											.04	
30		1.97			----							
31		----			----		----		----			----
SUM	0.04	1.97	1.50	2.87	0.39	0.00	0.00	0.08	0.00	1.10	2.36	0.00
ACC	0.04	2.01	3.50	6.38	6.77	6.77	6.77	6.85	6.85	7.95	10.31	10.31
MAX	0.04	1.97	0.47	1.38	0.20	0.00	0.00	0.04	0.00	0.43	1.02	0.00
NO.	1	1	6	7	3	0	0	2	0	6	7	0

Maximum Daily Rainfall	1.97
Maximum Monthly Rainfall	2.87
Total Annual Rainfall	10.31
Number of Days with Rain	33

Notes:

Annual rainfall in millimeters: 262

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at IBW @ Shea Blvd. (gage # 4690) for Water Year 2007

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4												
5											.04	
6	.04											
7												
8	.04											
9												
10												
11												
12												
13					.04		.08					
14	.08										.08	
15												
16										.08		.12
17												
18												
19				.16	.43							
20												
21				.12			.12					
22			.20			.59						
23						.04						
24						.04				.04		
25											.20	
26												
27			.04									
28			.08									
29			.04		----							
30					----					.39		
31		----		.16	----		----		----	1.10		----
SUM	0.16	0.00	0.35	0.43	0.47	0.67	0.20	0.00	0.00	1.61	0.31	0.12
ACC	0.16	0.16	0.51	0.94	1.42	2.09	2.28	2.28	2.28	3.90	4.21	4.33
MAX	0.08	0.00	0.20	0.16	0.43	0.59	0.12	0.00	0.00	1.10	0.20	0.12
NO.	3	0	4	3	2	3	2	0	0	4	3	1

Maximum Daily Rainfall	1.10
Maximum Monthly Rainfall	1.61
Total Annual Rainfall	4.33
Number of Days with Rain	25

Notes:

Annual rainfall in millimeters: 110

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at IBW @ Shea Blvd. (gage # 4690) for Water Year 2006

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												.12
3												
4										.04		
5										.04		
6										.04		
7												.04
8												
9												
10	.04											
11						1.26						
12						.04					.20	
13												
14												.08
15												
16								.04				
17	.08											
18	.12											
19						.16						
20												
21						.04						
22												
23												
24											2.52	
25										.98		
26										.20		
27												
28												
29					----							
30					----					.04		
31		----			----		----		----			----
SUM	0.24	0.00	0.00	0.00	0.00	1.50	0.00	0.04	0.00	1.34	2.72	0.24
ACC	0.24	0.24	0.24	0.24	0.24	1.73	1.73	1.77	1.77	3.11	5.83	6.06
MAX	0.12	0.00	0.00	0.00	0.00	1.26	0.00	0.04	0.00	0.98	2.52	0.12
NO.	3	0	0	0	0	4	0	1	0	6	2	3

Maximum Daily Rainfall	2.52
Maximum Monthly Rainfall	2.72
Estimated Annual Rainfall	6.06
Number of Days with Rain	19

Notes:

Estimated annual rainfall in millimeters: 154 Total down-time: ? days
Gage 4690 down from 3/10 22:13 (6) through 3/13 10:49 (39) due to a plugged funnel; rainfall for 3/11 storm **estimated** from nearby stations.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at IBW @ Shea Blvd. (gage # 4690) for Water Year 2005

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2											1.97	
3				.79								
4			.24	.59								
5			.20			.16						
6			.28	-----	.04							
7		.20		-----								
8		.04		-----	.04						.12	
9											.12	
10		.04			.04						.04	
11				.12	1.02							
12					.35							
13												
14												
15					.04							
16												
17		.04			.16							
18					.24							
19					.83							
20					.28							
21	.51	.04			.20							
22		.39			.04				.04			
23	.04				.04		.35					
24				.12	.16	.04						
25						.08						
26				.51								
27				.04								
28	.47		.08									
29			.87	.20	-----							
30			.04		-----							
31		-----			-----		-----		-----	.04		-----
SUM	1.02	0.75	1.69	2.36	3.46	0.28	0.35	0.00	0.04	0.04	2.24	0.00
ACC	1.02	1.77	3.46	5.83	9.29	9.57	9.92	9.92	9.96	10.00	12.28	12.28
MAX	0.51	0.39	0.87	0.79	1.02	0.16	0.35	0.00	0.04	0.04	1.97	0.00
NO.	3	6	6	7	14	3	1	0	1	1	4	1

Maximum Daily Rainfall	1.97
Maximum Monthly Rainfall	3.46
Estimated Annual Rainfall	12.28
Number of Days with Rain	46

Notes:

Annual rainfall in millimeters: 317 Total down-time: 4.13 days
Gage 4690 down from 1/05 19:36 (123) through 1/09 07:36 (123) due to battery failure; no rain fell.
Gage 4690 down from 8/02 21:04 (255) through 8/03 12:17 (304) due to plugged funnel; rainfall on 8/02 estimated from nearby gages.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at IBW @ Shea Blvd. (gage # 4690) for Water Year 2004

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2							1.18					
3						.04						
4						.79						
5						.31					.08	
6												
7												
8												
9												
10	.35											
11			.12									
12		1.02										
13						.04				.55		
14										.12		.08
15											.04	
16												
17												
18												.08
19												.28
20												
21				.04								
22				.16								
23					.91							
24			.08									
25												
26			.08							.16		
27										.04		
28												
29												
30					---							
31		---			---		---		---			---
SUM	0.35	1.02	0.28	0.20	0.91	1.18	1.18	0.00	0.00	0.87	0.12	0.43
ACC	0.35	1.38	1.65	1.85	2.76	3.94	5.12	5.12	5.12	5.98	6.10	6.54
MAX	0.35	1.02	0.12	0.16	0.91	0.79	1.18	0.00	0.00	0.55	0.08	0.28
NO.	1	1	3	2	1	4	1	0	0	4	2	3

Maximum Daily Rainfall	1.18
Maximum Monthly Rainfall	1.18
Estimated Annual Rainfall	6.54
Number of Days with Rain	22

Notes:

Estimated annual rainfall in millimeters: 166

Total down-time: 0.00 days

Feb. 23rd total of 23 mm was estimated from nearby gages.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at IBW @ Shea Blvd. (gage # 4690) for Water Year 2003

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1						.04					.04	
2						.04					.04	
3												
4												
5												
6												
7												
8				.16								
9				.24								
10												
11												
12					.04							
13					1.26							
14					.75						.43	
15					.28		.20				.04	
16						.43						
17			.04			.63						
18						.04						
19											.39	
20				.04								
21												
22											.08	
23			.04									
24												.04
25					.31							
26	.24				.51							
27					.35							
28					.08							
29		.24			-----					.51		
30					-----					.04		
31		-----			-----		-----		-----			-----
SUM	0.24	0.24	0.08	0.43	3.58	1.18	0.20	0.00	0.00	0.55	1.02	0.04
ACC	0.24	0.47	0.55	0.98	4.57	5.75	5.94	5.94	5.94	6.50	7.52	7.56
MAX	0.24	0.24	0.04	0.24	1.26	0.63	0.20	0.00	0.00	0.51	0.43	0.04
NO.	1	1	2	3	8	5	1	0	0	2	6	1

Maximum Daily Rainfall	1.26
Maximum Monthly Rainfall	3.58
Estimated Annual Rainfall	7.56
Number of Days with Rain	30

Notes:

Total annual rainfall in millimeters: 225 Total down-time: 2.67 days
Gage 4690 – plugged tipping-bucket found on 02/12 14:00; storm total **estimated** from nearby stations.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at IBW @ Shea Blvd. (gage # 4690) for Water Year 2002

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4			.31									
5		.04										
6												
7							.08					.04
8												
9	.08									.16		.16
10												
11			.04									
12												
13												
14										.39		
15										.08		
16												
17												
18												
19												
20												
21												
22												
23										.20		
24												
25												
26												
27												
28												
29					---							
30				.04	---							
31	---				---		---		---			---
SUM	0.08	0.04	0.35	0.04	0.00	0.00	0.08	0.00	0.00	0.83	0.00	0.20
ACC	0.08	0.12	0.47	0.51	0.51	0.51	0.59	0.59	0.59	1.42	1.42	1.61
MAX	0.08	0.04	0.31	0.04	0.00	0.00	0.08	0.00	0.00	0.39	0.00	0.16
NO.	1	1	2	1	0	0	1	0	0	4	0	2

Maximum Daily Rainfall	0.39
Maximum Monthly Rainfall	0.83
Total Annual Rainfall	1.61
Number of Days with Rain	12

Notes:

Total annual rainfall in millimeters: 41

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at IBW @ Shea Blvd. (gage # 4690) for Water Year 2001

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4	.28											
5							.79					
6		.28					.16					
7						.75	.04					
8				.20								
9				.28							.12	
10	.79					.08	.08				.12	
11	.08											
12				.47								
13					.12							
14					.04							
15												
16				.08								
17											.04	
18												
19	.16											
20												
21	.16						.16					
22	.55											
23	.08											
24												
25					.12							
26												
27	1.02			.63	.08							
28	.12				.31							
29					----					.16		
30	.24				----					.16		
31	.04	----			----		----		----			----
SUM	3.50	0.28	0.00	1.65	0.67	0.83	1.22	0.00	0.00	0.31	0.28	0.00
ACC	3.50	3.78	3.78	5.43	6.10	6.93	8.15	8.15	8.15	8.46	8.74	8.74
MAX	1.02	0.28	0.00	0.63	0.31	0.75	0.79	0.00	0.00	0.16	0.12	0.00
NO.	11	1	0	5	5	2	5	0	0	2	3	0

Maximum Daily Rainfall	1.02
Maximum Monthly Rainfall	3.50
Total Annual Rainfall	8.74
Number of Days with Rain	34

Notes:

Annual rainfall in millimeters: 222

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at IBW @ Shea Blvd. (gage # 4690) for Water Year 2000

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4												
5						.31					.20	
6						.59						
7						.43					.08	
8											.04	
9												
10												
11					----						.04	
12					----							
13					----							
14												
15												
16												
17											.39	
18												
19												
20									.04			
21					.04							
22									.04			
23									.04			
24												
25												
26												
27												
28						.04						
29												
30					----					.04		
31		----			----		----		----			----
SUM	0.00	0.00	0.00	0.00	0.04	1.38	0.00	0.00	0.12	0.04	0.75	0.00
ACC	0.00	0.00	0.00	0.00	0.04	1.42	1.42	1.42	1.54	1.57	2.32	2.32
MAX	0.00	0.00	0.00	0.00	0.04	0.59	0.00	0.00	0.04	0.04	0.39	0.00
NO.	0	0	0	0	1	4	0	0	3	1	5	0

Maximum Daily Rainfall	0.59
Maximum Monthly Rainfall	1.38
Total Annual Rainfall	2.32
Number of Days with Rain	14

Notes:

Annual rainfall in millimeters: 59 Total down-time: 4.0 days
Gage 4690 down from 2/10 21:20 (0) through 2/14 21:21 (0) due to repeater failure; no rain fell.

Flood Control District of Maricopa County ALERT System

Daily Rainfall at IBW @ Shea Blvd. (gage # 4690) for Water Year 1999

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1							.12		.08			
2		.04					.75		.04			.04
3												
4					.24		.20					
5					.12							
6			.08							.04		
7						.04				.39		
8												
9		.04										
10												
11												.08
12												
13							.08					
14										.24		.04
15			.04							.08		
16						.31						
17						.04						
18						.08						
19												.20
20												
21												
22												
23												.04
24												
25	.28											
26	.08											
27											.16	
28		.04										
29					----					.12		
30	.04				----							
31		----			----		----		----		.04	----
SUM	0.39	0.12	0.12	0.00	0.35	0.47	1.14	0.00	0.12	0.87	0.20	0.39
ACC	0.39	0.51	0.63	0.63	0.98	1.46	2.60	2.60	2.72	3.58	3.78	4.17
MAX	0.28	0.04	0.08	0.00	0.24	0.31	0.75	0.00	0.08	0.39	0.16	0.20
NO.	3	3	2	0	2	4	4	0	2	5	2	5

Maximum Daily Rainfall	0.75
Maximum Monthly Rainfall	1.14
Estimated Annual Rainfall	4.17
Number of Days with Rain	32

Notes:

Annual rainfall in millimeters: 106 Total down-time: 3.00 days

Gage 4690 down from 12/04 (13) through 12/7 (?) due to tipping bucket failure; **estimated** 2mm on 12/06.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at IBW @ Shea Blvd. (gage # 4690) for Water Year 1998

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	----	----	----	----	----	----	----	----	----			.08
2	----	----	----	----	----	----	----	----	----			.12
3	----	----	----	----	----	----	----	----	----			.08
4	----	----	----	----	----	----	----	----	----			.20
5	----	----	----	----	----	----	----	----	----		.04	.12
6	----	----	----	----	----	----	----	----	----	.75		.08
7	----	----	----	----	----	----	----	----	----	.08		.08
8	----	----	----	----	----	----	----	----	----			.12
9	----	----	----	----	----	----	----	----				.12
10	----	----	----	----	----	----	----	----			.04	.12
11	----	----	----	----	----	----	----	----				.12
12	----	----	----	----	----	----	----	----				.08
13	----	----	----	----	----	----	----	----				
14	----	----	----	----	----	----	----	----				.08
15	----	----	----	----	----	----	----	----			.24	.08
16	----	----	----	----	----	----	----	----				
17	----	----	----	----	----	----	----	----			.12	
18	----	----	----	----	----	----	----	----			.04	
19	----	----	----	----	----	----	----	----				
20	----	----	----	----	----	----	----	----				
21	----	----	----	----	----	----	----	----			.04	
22	----	----	----	----	----	----	----	----				.16
23	----	----	----	----	----	----	----	----				
24	----	----	----	----	----	----	----	----				
25	----	----	----	----	----	----	----	----				
26	----	----	----	----	----	----	----	----				
27	----	----	----	----	----	----	----	----				
28	----	----	----	----	----	----	----	----			.04	
29	----	----	----	----	----	----	----	----				
30	----	----	----	----	----	----	----	----				
31	----	----	----	----	----	----	----	----	----			----
SUM	----	----	----	----	----	----	----	----	0.00	0.83	0.55	1.61
ACC	----	----	----	----	----	----	----	----	0.00	0.83	1.38	2.99
MAX	----	----	----	----	----	----	----	----	0.00	0.75	0.24	0.20
NO.	----	----	----	----	----	----	----	----	0	2	7	15

Maximum Daily Rainfall	0.75
Maximum Monthly Rainfall	1.61
Partial Annual Rainfall	2.99
Number of Days with Rain	24

Notes:

Partial annual rainfall in millimeters: 76 Total down-time: 0 days
Station installed on 6/09/98.
Gage readings inaccurate on Sep. 1-14 due to sprinklers.