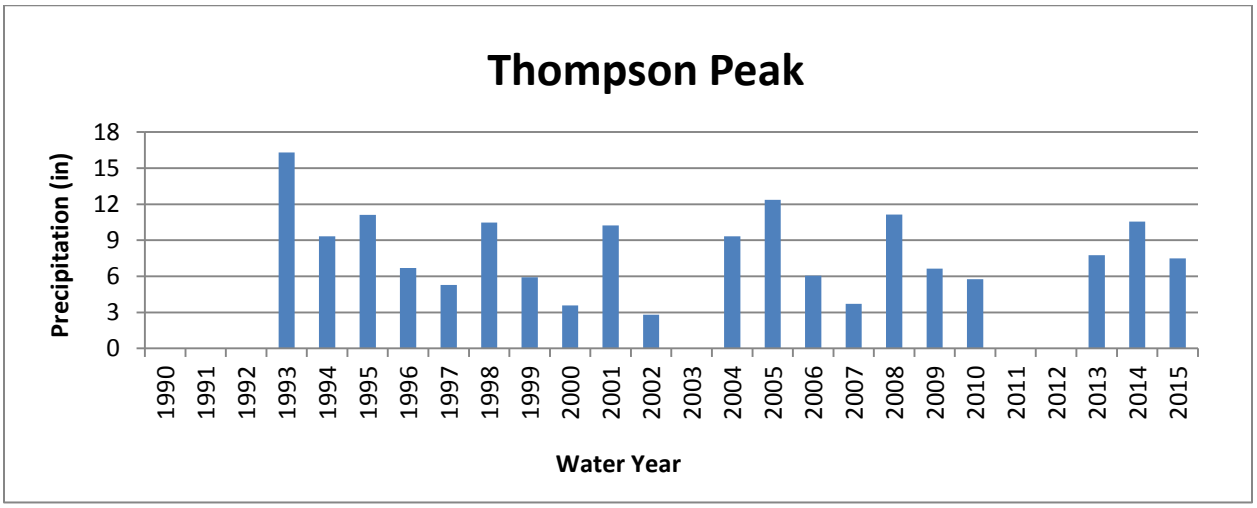
Station Name: Thompson Peak

Station ID Number History:	**5945** since 07/07/92 **6650** from 07/27/89 - 07/07/92
Data Begins:	07/27/1989
Years Since Installation:	26.18 (as of 10/01/15)
Data Repeater:	Direct
County:	Maricopa
Latitude:	33° 38' 39.9" (33.64442)
Longitude:	111° 48' 43.7" (111.81215)
Elevation:	3,995 ft. msl
Location:	120th St. and Bell Rd. alignments
Data Record:	
Incomplete Months:	09/91; 01/92
Missing Months:	None
Remarks:	Wind shield installed on 05/23/2012, prior to that records are poor due to updraft winds.



Data Statistics for Period of Record:

Number of storms greater than 1 inch in 24 hours:	36	
Number of storms greater than 2 inches in 24 hours:	7	
Number of storms greater than 3 inches in 24 hours:	1	
		Approx. T_r
Greatest 15 minute total:	1.30" on 08/22/92	63 years
Greatest 1 hour total:	1.97" on 08/22/92	37 years
Greatest 3 hour total:	2.17" on 08/22/92	27 years
Greatest 6 hour total:	2.76" on 08/22/92	55 years
Greatest 24 hour total:	3.27" on 08/22/92	12 years
Greatest 72 hour total:	3.50" on 08/22/92	6 years

Water Year Totals: (Mean of Complete Water Years [20] = 8.12 inches)

Water Year	Total	Water Year	Total	Water Year	Total	Water Year	Total
2020		2010	5.75	2000	3.58	1990	M
2019		2009	6.65	1999	5.91	1989	M
2018		2008	11.14	1998	10.47	1988	
2017		2007	3.70	1997	5.28	1987	
2016		2006	6.06	1996	6.69	1986	
2015	7.48	2005	12.36	1995	11.10	1985	
2014	10.55	2004	9.33	1994	9.33	1984	
2013	7.76	2003	M	1993	16.30	1983	
2012	M	2002	2.80	1992	M	1982	
2011	M	2001	10.24	1991	M	1981	

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 Thompson Peak (gage # 5945) for Water Year 2015

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1				.08								
2						.39				.04		.28
3										.08		
4			.47					.47				.16
5									.20			
6									.08			
7											.08	
8	.16											
9	.28											
10												
11				.04							.24	
12												
13			.28	.08								.12
14												.16
15								.87				
16								.08				
17			.12									
18						.04				.04		
19						.31						
20						.04						
21												
22												.08
23												
24												
25											.20	
26				.12			.20					
27				.04								
28												
29				.16	----							
30				.94	----						.24	
31		----	.31		----		----		----		.04	----
SUM	0.43	0.00	1.18	1.46	0.00	0.79	0.20	1.42	0.28	0.16	0.79	0.79
ACC	0.43	0.43	1.61	3.07	3.07	3.86	4.06	5.47	5.75	5.91	6.69	7.48
MAX	0.28	0.00	0.47	0.94	0.00	0.39	0.20	0.87	0.20	0.08	0.24	0.28
NO.	2	0	4	7	0	4	1	3	2	3	5	5

Maximum Daily Rainfall	0.94
Maximum Monthly Rainfall	1.46
Total Annual Rainfall	7.48
Number of Days with Rain	36

Total considered inaccurate by reason of high-wind profile or other detrimental physical condition.

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Thompson Peak (gage # 5945) for Water Year 2014

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1						.91						
2						.04					.67	
3											.04	
4												
5												
6												
7												
8										.35		1.97
9												.08
10												
11											.28	
12											.04	
13											.08	
14												
15										.35		
16												
17											.08	
18												
19			.16								1.02	
20			.75									
21		.39	.04								.12	
22		1.65										
23		.39								.08		
24												
25												
26										.04		
27												.91
28												.12
29					----							
30					----							
31		----			----		----		----			----
SUM	0.00	2.44	0.94	0.00	0.00	0.94	0.00	0.00	0.00	0.83	2.32	3.07
ACC	0.00	2.44	3.39	3.39	3.39	4.33	4.33	4.33	4.33	5.16	7.48	10.55
MAX	0.00	1.65	0.75	0.00	0.00	0.91	0.00	0.00	0.00	0.35	1.02	1.97
NO.	0	3	3	0	0	2	0	0	0	4	8	4

Maximum Daily Rainfall	1.97
Maximum Monthly Rainfall	3.07
Total Annual Rainfall	10.55
Number of Days with Rain	24

Annual total considered suspect by reason of high-wind profile or other detrimental physical condition.

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Thompson Peak (gage # 5945) 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						.67	.04					.28
9		.16				.04						.47
10		.04										.04
11	.31				.08							
12	.04											
13			.31									
14			.43									
15			.79									
16												
17												
18			.08									
19										.04		
20					.39					.16		
21					.08					.43		
22					.04							
23												
24												
25				.04								
26				2.17						.04		
27				.28							.04	
28				.08							.16	
29					----							
30					----							
31		----			----		----		----			----
SUM	0.35	0.20	1.61	2.56	0.59	0.71	0.04	0.00	0.00	0.67	0.24	0.79
ACC	0.35	0.55	2.17	4.72	5.31	6.02	6.06	6.06	6.06	6.73	6.97	7.76
MAX	0.31	0.16	0.79	2.17	0.39	0.67	0.04	0.00	0.00	0.43	0.16	0.47
NO.	2	2	4	4	4	2	1	0	0	4	3	3

Maximum Daily Rainfall	2.17
Maximum Monthly Rainfall	2.56
Total Annual Rainfall	7.76
Number of Days with Rain	29

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Thompson Peak (gage # 5945) for Water Year 2012

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3			.12									
4	.08	.20										
5		.04	.04									
6												
7		.28										.67
8												
9								.04				
10												
11										.28		.04
12			.43							.16		
13		.20	.87							.04		
14			.12				.04			.04		
15												
16				.04								
17												
18			.16			.12						
19			.08									
20												
21		.04								.04	.16	
22											.04	
23											.55	
24												
25	.12											
26	.04						.08					
27												
28										.79		
29										.12		
30					----							
31		----			----		----		----			----
SUM	0.24	0.75	1.81	0.04	0.00	0.12	0.12	0.04	0.00	1.46	0.75	0.71
ACC	0.24	0.98	2.80	2.83	2.83	2.95	3.07	3.11	3.11	4.57	5.32	6.02
MAX	0.12	0.28	0.87	0.04	0.00	0.12	0.08	0.04	0.00	0.79	0.55	0.67
NO.	3	5	7	1	0	1	2	1	0	7	3	2

Maximum Daily Rainfall	0.87
Maximum Monthly Rainfall	1.81
Partial Annual Rainfall	6.02
Number of Days with Rain	32

Wind shield installed on 05/23/2012, prior to that records are poor due to updraft winds.

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Thompson Peak (gage # 5945) for Water Year 2011

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4												
5	.94									.04		
6	.28						.04					
7												
8												
9							.24					
10												.12
11										.12		
12												
13												.04
14												
15												
16			.28									
17			.04									
18								.04				
19					.24							
20					.08							
21	.28	.04				.20						
22			.24			.04						
23												
24										.20		
25										.08		
26					.04							
27					.39							
28												
29			.63		----							
30			.08		----							
31		----			----		----		----	.12		----
SUM	1.50	0.04	1.26	0.00	0.75	0.24	0.28	0.04	0.00	0.55	0.00	0.16
ACC	1.50	1.54	2.80	2.80	3.54	3.78	4.06	4.09	4.09	4.65	4.65	4.80
MAX	0.94	0.04	0.63	0.00	0.39	0.20	0.24	0.04	0.00	0.20	0.00	0.12
NO.	3	1	5	0	4	2	2	1	0	5	0	2

Maximum Daily Rainfall	0.94
Maximum Monthly Rainfall	1.50
Total Annual Rainfall	4.80
Number of Days with Rain	25

Annual Total (mm): 122 Days Down: 0

Total not considered accurate by reason of high-wind profile or other detrimental physical condition.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Thompson Peak (gage # 5945) for Water Year 2010

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4												
5												
6						.20						
7			.63		.08	.47					.04	
8						.12						
9						.08				.04		
10												
11			----									
12			----									
13			----									
14												
15												
16												
17											.20	
18				.12								
19				.71								
20					.16							
21				.79	.31							.12
22			.04	.31	.12						.16	.08
23				.08		.08						
24												
25												
26												
27				.04								
28					.59							
29					----							
30					----					.04		
31		----			----		----		----	.16		----
SUM	0.00	0.00	0.67	2.05	1.26	0.94	0.00	0.00	0.00	0.24	0.39	0.20
ACC	0.00	0.00	0.67	2.72	3.98	4.92	4.92	4.92	4.92	5.16	5.55	5.75
MAX	0.00	0.00	0.63	0.78	0.59	0.47	0.00	0.00	0.00	0.16	0.20	0.12
NO.	0	0	2	6	5	5	0	0	0	3	3	2

Maximum Daily Rainfall	0.78
Maximum Monthly Rainfall	2.05
Total Annual Rainfall	5.75
Number of Days with Rain	26

Notes:

Annual rainfall in millimeters: 146
Gage 5945 down from 12/10 15:34 (16) through 12/14 06:58 (16) due to transmitter failure; no rain fell.
As in prior years, the annual total is likely under-represented because of high wind exposure.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Thompson Peak (gage # 5945) for Water Year 2009

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												.08
2												
3												
4				.16								
5				.04								.24
6												
7					.20							
8					.87							
9					.43							
10					.04							
11							.47					
12							.04					
13											.08	
14												
15			.04							.12		
16			.55									
17			.04		.16							
18			.20									
19												
20								.08				
21								.20			.43	
22			.16	.16				.31				
23			.08							.08		
24										.20		
25			.43									
26		.24	.31									
27		.16				.04						
28												
29					----							
30					----							
31		----			----		----		----		.04	----
SUM	0.00	0.39	1.81	0.35	1.69	0.04	0.51	0.59	0.00	0.39	0.55	0.31
ACC	0.00	0.39	2.20	2.56	4.25	4.29	4.80	5.39	5.39	5.79	6.34	6.65
MAX	0.00	0.24	0.55	0.16	0.87	0.04	0.47	0.31	0.00	0.20	0.43	0.24
NO.	0	2	8	3	5	1	2	3	0	3	3	2

Maximum Daily Rainfall	0.87
Maximum Monthly Rainfall	1.81
Partial Annual Rainfall	6.65
Number of Days with Rain	32

Notes:

Partial annual rainfall in millimeters: 169 Total down-time: 0.00 days
Annual total considered inaccurate by reason of high-wind profile or other detrimental physical condition.

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Thompson Peak (gage # 5945) for Water Year 2008

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			.28									.12
2												
3												
4					.04					.67		
5				.08	.04						.12	
6				.20							.04	
7			.51	.51							.20	
8			.63									
9			.04									
10			.47							.12		
11			.51							.24		
12												
13										.12		
14												
15					.16							
16					.04							
17												
18												
19												
20					.08							
21												
22					.08			.12				
23								.16				
24				.12				.04				
25											.87	
26											.16	
27				1.73								
28				.63							.51	
29												
30		1.54			----							
31		----			----		----		----			----
SUM	0.00	1.54	2.44	3.27	0.43	0.00	0.00	0.31	0.00	1.14	1.89	0.12
ACC	0.00	1.54	3.98	7.24	7.68	7.68	7.68	7.99	7.99	9.13	11.02	11.14
MAX	0.00	1.54	0.63	1.73	0.16	0.00	0.00	0.16	0.00	0.67	0.87	0.12
NO.	0	1	6	6	6	0	0	3	0	4	6	1

Maximum Daily Rainfall	1.73
Maximum Monthly Rainfall	3.27
Total Annual Rainfall	11.14
Number of Days with Rain	33

Notes:

Annual rainfall in millimeters: 283

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Thompson Peak (gage # 5945) for Water Year 2007

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1					.04							
2												
3											.04	
4											.12	
5	.12											
6	.08											
7												
8	.04											
9												
10												
11												
12							.04					
13	.04				.16		.16					
14	.12											
15												
16												
17												
18												
19				.31	.24					.12		
20												
21				.08			.16			.04		
22			.16			.79						.08
23						.24						
24										.12		
25												
26												
27												
28			.16							.04		
29			.04		----							
30				.08	----							
31		----		.12	----		----		----			----
SUM	0.39	0.00	0.35	0.59	0.43	1.02	0.35	0.00	0.00	0.31	0.16	0.08
ACC	0.39	0.39	0.75	1.34	1.77	2.80	3.15	3.15	3.15	3.46	3.62	3.70
MAX	0.12	0.00	0.16	0.31	0.24	0.79	0.16	0.00	0.00	0.12	0.12	0.08
NO.	5	0	3	4	3	2	3	0	0	4	2	1

Maximum Daily Rainfall	0.79
Maximum Monthly Rainfall	1.02
Total Annual Rainfall	3.70
Number of Days with Rain	27

Notes:

Annual rainfall in millimeters: 94

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Thompson Peak (gage # 5945) for Water Year 2006

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												.91
3												.04
4												.31
5							.04					
6												
7												.12
8												
9												.04
10												
11											.47	
12						.75					.47	
13												
14												.08
15												
16												
17	.12											
18	.39											
19						.20						
20												
21						.12						
22											.08	
23										.08		
24											.31	
25										.94		
26										.16		
27												
28												
29					----					.24		
30					----					.20		
31		----			----		----		----			----
SUM	0.51	0.00	0.00	0.00	0.00	1.06	0.04	0.00	0.00	1.61	1.34	1.50
ACC	0.51	0.51	0.51	0.51	0.51	1.57	1.61	1.61	1.61	3.23	4.57	6.06
MAX	0.39	0.00	0.00	0.00	0.00	0.75	0.04	0.00	0.00	0.94	0.47	0.91
NO.	2	0	0	0	0	3	1	0	0	5	4	6

Maximum Daily Rainfall	0.94
Maximum Monthly Rainfall	1.61
Total Annual Rainfall	6.06
Number of Days with Rain	21

Notes:

Annual rainfall in millimeters: 154

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Thompson Peak (gage # 5945) for Water Year 2005

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2											.35	
3				.91							.12	
4			.28	.43								
5			.16			.43						
6			.43			.12						
7		.08									.31	
8		.08									.04	
9											.12	
10					.08						.12	
11				.04	1.06							
12					.91						.12	
13					.04							
14												
15		.04										
16												
17					.20							
18					.47							
19					.83							
20					.24							
21	.31	.04			.20							
22		.28			.08							
23		.04					.16			.20		
24				.08	.08	.04						
25						.12						
26				.43								
27				.16								
28	.59		.20									
29			.67	.16	-----							
30			.04		-----							
31		-----			-----		-----		-----	.51		-----
SUM	0.91	0.55	1.77	2.20	4.17	0.71	0.16	0.00	0.00	0.71	1.18	0.00
ACC	0.91	1.46	3.23	5.43	9.61	10.31	10.47	10.47	10.47	11.18	12.36	12.36
MAX	0.59	0.28	0.67	0.91	1.06	0.43	0.16	0.00	0.00	0.51	0.35	0.00
NO.	2	6	6	7	11	4	1	0	0	2	7	0

Maximum Daily Rainfall	1.06
Maximum Monthly Rainfall	4.17
Total Annual Rainfall	12.36
Number of Days with Rain	46

Notes:

Annual rainfall in millimeters: 314 Total down-time: 0.00 days
Total not included in annual rainfall plot (Figure 2) by reason of high-wind profile at this station's mountaintop location.

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Thompson Peak (gage # 5945) for Water Year 2004

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1							.12					
2							1.85					
3				.08	.04		.12					
4						.83						.20
5						1.22						
6											.08	
7												
8												
9												
10	1.38						.04					
11			.16			.04						
12		.83										
13		.08				.12						
14										.16		
15											.08	
16												
17												
18												.04
19												.43
20												
21				.12								
22				.35								
23					.71							
24			.04	.04								
25				.16								
26			.04									
27												
28												
29												
30					-----							
31		-----			-----		-----		-----			-----
SUM	1.38	0.91	0.24	0.75	0.75	2.20	2.13	0.00	0.00	0.16	0.16	0.67
ACC	1.38	2.28	2.52	3.27	4.02	6.22	8.35	8.35	8.35	8.50	8.66	9.33
MAX	1.38	0.83	0.16	0.35	0.71	1.22	1.85	0.00	0.00	0.16	0.08	0.43
NO.	1	2	3	5	2	4	4	0	0	1	2	3

Maximum Daily Rainfall	1.85
Maximum Monthly Rainfall	2.20
Total Annual Rainfall	9.33
Number of Days with Rain	27

Notes:

Annual rainfall in millimeters: 237 Total down-time: 0.00 days

Total not included in annual rainfall plot by reason of high-wind profile at this station's mountaintop location.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Thompson Peak (gage # 5945) for Water Year 2003

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1						.12					.04	
2	.04											
3												
4												
5						.04						
6												
7												
8				.43	.04							
9				.08								
10										-----		
11										-----		
12					.16					-----		
13					1.93							
14					.43						.28	
15							.08					
16						.51						
17	.08		.12			.59						
18												
19											.39	
20				.04								
21												
22			.04									
23	.08		.31									
24												.04
25					.71							.08
26	.12				.12							
27					.28						.04	
28					.16							
29		.31			-----					.20		
30		.08			-----							
31		-----			-----		-----		-----			-----
SUM	0.31	0.39	0.47	0.55	3.82	1.26	0.08	0.00	0.00	0.20	0.75	0.12
ACC	0.31	0.71	1.18	1.73	5.55	6.81	6.89	6.89	6.89	7.09	7.83	7.95
MAX	0.12	0.31	0.31	0.43	1.93	0.59	0.08	0.00	0.00	0.20	0.39	0.08
NO.	4	2	3	3	8	4	1	0	0	1	4	2

Maximum Daily Rainfall	1.93
Maximum Monthly Rainfall	3.82
Partial Annual Rainfall	7.95
Number of Days with Rain	32

Notes:

Partial annual rainfall in millimeters: 202 Total down-time: 3.18 days
Gage 5945 down from 7/09 22:08 (175) through 7/13 22:08 (175) due to programming error; no rain fell.
Total not included in annual rainfall plot by reason of high-wind profile at this station's mountaintop location.

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Thompson Peak (gage # 5945) for Water Year 2002

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4			.63					-----				
5								-----			.04	
6												.08
7							.20					.28
8												
9												.12
10				.08								.04
11			.08									.04
12			.04									
13												
14				-----						.24		
15										.04		
16												
17												
18										.04		
19												
20												
21												
22												
23										.79		
24												
25												
26												
27												
28												
29					-----							
30					-----							
31		-----		.08	-----		-----		-----			-----
SUM	0.00	0.00	0.75	0.16	0.00	0.00	0.20	0.00	0.00	1.10	0.04	0.55
ACC	0.00	0.00	0.75	0.91	0.91	0.91	1.10	1.10	1.10	2.20	2.24	2.80
MAX	0.00	0.00	0.63	0.08	0.00	0.00	0.20	0.00	0.00	0.79	0.04	0.28
NO.	0	0	3	2	0	0	1	0	0	4	1	5

Maximum Daily Rainfall	0.79
Maximum Monthly Rainfall	1.10
Total Annual Rainfall	*2.80
Number of Days with Rain	16

Notes:

Total annual rainfall in millimeters: 71 Total down-time: 4.68 days

Gage 5945 down from 01/13 04:56 (21) through 01/15 09:22 (21) due to programming error; no rain fell.

Gage 5945 down from 05/03 22:27 (28) through 05/06 10:28 (28) due to programming error; no rain fell.

*This station routinely records low rainfall amounts because of wind exposure.

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Thompson Peak (gage # 5945) for Water Year 2001

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3										.12		
4	.08	.04										
5							.63					
6		.12					.24					
7						.98						
8				.20								
9				.39							.31	
10	.35					.20				.08		
11	.28											
12	----			.31								
13	----				.08							
14					.12							
15												
16				.08								
17											.35	
18	.08											
19								.04				
20												
21	.24						.08					
22	.83								.20			
23	.24						.04					
24	.04											
25	.04				.20				.08			
26												
27	.91			.55	.16							
28	.04			.12	.47							
29					----					.43		
30	.31				----					.08	.08	
31		----			----		----		----		.04	----
SUM	3.43	0.16	0.00	1.65	1.02	1.18	0.98	0.04	0.28	0.71	0.79	0.00
ACC	3.43	3.58	3.58	5.24	6.26	7.44	8.43	8.46	8.74	9.45	10.24	10.24
MAX	0.91	0.12	0.00	0.55	0.47	0.98	0.63	0.04	0.20	0.43	0.35	0.00
NO.	12	2	0	6	5	2	4	1	2	4	4	0

Maximum Daily Rainfall	0.98
Maximum Monthly Rainfall	3.43
Total Annual Rainfall	10.24
Number of Days with Rain	42

Notes:

Annual rainfall in millimeters: 260 Total down-time: 3.50 days

Gage 5945 down from 10/11 11:33 (18) through 10/14 23:34 (18) for unknown reason; no rain fell.

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Thompson Peak (gage # 5945) for Water Year 2000

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2				.04								
3												
4						.04						
5						.87						
6						1.10						
7						.24						
8											.04	
9												
10												
11					----							
12					----							
13					----							
14												
15												
16												
17												
18												
19												
20												
21										.08		
22									.31			
23									.12			
24									.04			
25												
26												
27												
28						.24						
29									.04		.08	
30					----						.35	
31		----			----		----		----			----
SUM	0.00	0.00	0.00	0.04	0.00	2.48	0.00	0.00	0.51	0.08	0.47	0.00
ACC	0.00	0.00	0.00	0.04	0.04	2.52	2.52	2.52	3.03	3.11	3.58	3.58
MAX	0.00	0.00	0.00	0.04	0.00	1.10	0.00	0.00	0.31	0.08	0.35	0.00
NO.	0	0	0	1	0	5	0	0	4	1	3	0

Maximum Daily Rainfall	1.10
Maximum Monthly Rainfall	2.48
Total Annual Rainfall	3.58
Number of Days with Rain	14

Notes:

Annual rainfall in millimeters: 91 Total down-time: 3.50 days

Gage 5945 down from 2/10 22:44 (1) through 2/14 10:45 (1) due to repeater failure; no rain fell.

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Thompson Peak (gage # 5945) for Water Year 1999

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1							.28					
2			.47				.43					
3												
4					.24		.12					
5					.24						.04	
6												
7			.24				.04					
8												
9		.12										
10										.08	.08	
11												
12												
13							.08					
14										.28		.08
15			.08							.08		
16						.04						
17												
18										.12		
19											.12	.79
20												
21												
22												.08
23												
24												
25	.12			.04								
26	.47											
27											.04	
28		.51										
29					----							
30	.04				----							
31		----			----		----		----		.59	----
SUM	0.63	0.63	0.79	0.04	0.47	0.04	0.94	0.00	0.00	0.55	0.87	0.94
ACC	0.63	1.26	2.05	2.09	2.56	2.60	3.54	3.54	3.54	4.09	4.96	5.91
MAX	0.47	0.51	0.47	0.04	0.24	0.04	0.43	0.00	0.00	0.28	0.59	0.79
NO.	3	2	3	1	2	1	5	0	0	4	5	3

Maximum Daily Rainfall	0.79
Maximum Monthly Rainfall	0.94
Total Annual Rainfall	5.91
Number of Days with Rain	29

Notes:

Annual rainfall in millimeters: 150

Total down-time: 0 days

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Thompson Peak (gage # 5945) for Water Year 1998

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			.12				.20					
2												
3					.04							
4					1.42							.12
5												.08
6			.16		.04					.04		.24
7	.08		.35									
8			.24		.51							
9					.39							.04
10				.24								
11												
12		.04					.28					
13		.04						.08				
14		.08			.04	.08						
15					.35	.16					.67	
16						.04						
17					.91						.04	
18					.08							
19												
20					.24							
21	.08		.24									
22	.08		.71									.08
23										.12		
24			.04		.47							
25			.04									
26						.91						
27												
28						.12					.04	
29					----	.12						
30					----	.04						
31		----			----		----		----			----
SUM	0.24	0.16	1.89	0.24	4.49	1.46	0.47	0.08	0.00	0.16	0.75	0.55
ACC	0.24	0.39	2.28	2.52	7.01	8.46	8.94	9.02	9.02	9.17	9.92	10.47
MAX	0.08	0.08	0.71	0.24	1.42	0.91	0.28	0.08	0.00	0.12	0.67	0.24
NO.	3	3	8	1	11	7	2	1	0	2	3	5

Maximum Daily Rainfall	1.42
Maximum Monthly Rainfall	4.49
Total Annual Rainfall	10.47
Number of Days with Rain	46

Notes:

Annual rainfall in millimeters: 266

Total down-time: 0 days

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Thompson Peak (gage # 5945) for Water Year 1997

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2							.08					
3							.20				.55	
4												
5												.12
6												
7												
8											.16	
9												
10												
11												.71
12	.08											
13				.71								
14				.20								
15												.04
16												
17												
18												
19												
20												
21	.08											
22		.12										
23												
24	.08											
25	.08											.28
26				.08							.47	.20
27					.71							
28					.16							
29		.04										
30											.16	
31												
SUM	0.31	0.16	0.00	0.98	0.87	0.00	0.28	0.00	0.00	0.00	1.34	1.34
ACC	0.31	0.47	0.47	1.46	2.32	2.32	2.60	2.60	2.60	2.60	3.94	5.28
MAX	0.08	0.12	0.00	0.71	0.71	0.00	0.20	0.00	0.00	0.00	0.55	0.71
NO.	4	2	0	3	2	0	2	0	0	0	4	5

Maximum Daily Rainfall	0.71
Maximum Monthly Rainfall	1.34
Total Annual Rainfall	5.28
Number of Days with Rain	22

Notes:

Annual rainfall in millimeters: 134

Total down-time: 0 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Thompson Peak (gage # 5945) for Water Year 1996

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		.43			.51							
2		.04										.63
3												
4												
5		.16										.08
6		.16										.04
7												
8												
9										.55		
10												.04
11												.55
12										.16		
13						.28						.08
14						.51					.28	
15										.12		
16												
17												
18											.91	.04
19												
20												
21												
22												
23												
24												
25					.28					.43		
26					.04							
27												
28												
29											.24	
30												
31				.16								
SUM	0.00	0.79	0.00	0.16	0.83	0.79	0.00	0.00	0.00	1.26	1.42	1.46
ACC	0.00	0.79	0.79	0.94	1.77	2.56	2.56	2.56	2.56	3.82	5.24	6.69
MAX	0.00	0.43	0.00	0.16	0.51	0.51	0.00	0.00	0.00	0.55	0.91	0.63
NO.	0	4	0	1	3	2	0	0	0	4	3	7

Maximum Daily Rainfall	0.91
Maximum Monthly Rainfall	1.46
Total Annual Rainfall	6.69
Number of Days with Rain	24

Notes:
Annual Rainfall in mm: 170

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Thompson Peak (gage # 5945) for Water Year 1995

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4			0.08	1.10								
5			0.83	0.31		0.28						
6			0.63			0.59						
7								0.04				0.08
8												
9												
10												
11				0.04		0.47						
12		0.67		0.16	0.12							
13					0.16							
14					0.12						0.24	
15	0.47				0.24						0.04	
16							0.08					
17				0.08								
18							0.12					0.04
19							0.59				0.24	
20											0.35	
21											0.04	
22					0.12							
23			0.31								0.08	
24					0.08							
25			0.98	0.28								
26			0.43	0.16								
27			0.04									
28												0.39
29			0.04									
30												
31												
SUM	0.47	0.67	3.35	2.13	0.83	1.34	0.79	0.04	0.00	0.00	0.98	0.51
ACC	0.47	1.14	4.49	6.61	7.44	8.78	9.57	9.61	9.61	9.61	10.59	11.10
MAX	0.47	0.67	0.98	1.10	0.24	0.59	0.59	0.04	0.00	0.00	0.35	0.39
NO.	1	1	8	7	6	3	3	1	0	0	6	3

Maximum Daily Rainfall	1.10
Maximum Monthly Rainfall	3.35
Total Annual Rainfall	11.10
Number of Days with Rain	39

Notes:

Annual rainfall in mm: 282

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Thompson Peak (gauge # 5945) for Water Year 1994

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												0.39
3												
4												
5												
6	1.30											
7					0.43	0.28						
8					1.46						0.04	
9												
10												
11		0.39									0.12	
12		0.24	0.08			0.04						
13		0.24										0.16
14		1.61									0.04	
15		0.67										
16	0.24											
17										0.08		
18												
19						0.28					0.43	
20												
21												0.12
22												
23												
24								0.04				
25				0.08		0.39						
26							0.16					
27												
28										0.04		
29												
30												
31												
SUM	1.54	3.15	0.08	0.08	1.89	0.98	0.16	0.04	0.00	0.12	0.63	0.67
ACC	1.54	4.69	4.76	4.84	6.73	7.72	7.87	7.91	7.91	8.03	8.66	9.33
MAX	1.30	1.61	0.08	0.08	1.46	0.39	0.16	0.04	0.00	0.08	0.43	0.39
NO.	2	5	1	1	2	4	1	1	0	2	4	3

Maximum Daily Rainfall	1.61
Maximum Monthly Rainfall	3.15
Total Annual Rainfall	9.33
Number of Days with Rain	26

Notes:

Annual rainfall in mm: 237

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Thompson Peak (gage # 5945) for Water Year 1993

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3			.24	.12								
4			2.01									
5			.12	.04								
6				.59							.04	
7				.87							.04	
8			.91	.35	.98							
9					.16							
10				1.10	.08							
11				.24								
12				.12								
13				.12								
14				.51	.55							
15				.31	.08			.04				
16				.35				.04				
17				1.02								
18				.43								
19					.24							
20												
21												
22	.04											
23												
24											.04	
25											.04	
26						1.02						
27			.16			.39					.55	
28	.28		.79		.59	.28					.04	
29			.04		----	.24					.12	
30					----							
31		----			----		----		----			----
SUM	0.31	0.00	4.25	6.18	2.68	1.93	0.00	0.08	0.00	0.00	0.87	0.00
ACC	0.31	0.31	4.57	10.75	13.43	15.35	15.35	15.43	15.43	15.43	16.30	16.30
MAX	0.28	0.00	2.01	1.10	0.98	1.02	0.00	0.04	0.00	0.00	0.55	0.00
NO.	2	0	7	14	7	4	0	2	0	0	7	0

Maximum Daily Rainfall	2.01
Maximum Monthly Rainfall	6.18
Total Annual Rainfall	16.30
Number of Days with Rain	43

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Thompson Peak (gage # 5945) for Water Year 1992

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1							.51					
2						.43	.04					
3				.35		.39			.04			
4				.08		.12						
5								.08			.12	
6				.47							.35	
7					.39							
8					.16	.39						
9						.55		.04				
10		.20	.20		.20			.04				
11		.16	.28	.43	.08					.12	.04	
12				.04	.04							
13				----	.55							
14		.08		----								
15		.04		----								
16				----	.04							
17				----							.04	
18			.47	----								
19			.67	----				.04			.20	.31
20				----				.20				.04
21				----	.04	.12						
22			.08	----							2.99	
23				----				.43			.51	
24										1.14		
25								.04				
26												
27	.71					.79						
28						.71		.12				
29						.16						
30		.87	.16		----	.16				.04		
31		----			----	.39	----		----	.04		----
SUM	0.71	1.34	1.85	1.38	1.50	4.21	0.55	0.98	0.04	1.34	4.25	0.35
ACC	0.71	2.05	3.90	5.28	6.77	10.98	11.54	12.52	12.56	13.90	18.23	18.58
MAX	0.71	0.87	0.67	0.47	0.55	0.79	0.51	0.43	0.04	1.14	2.99	0.31
NO.	1	5	6	5	8	11	2	8	1	4	7	2

Maximum Daily Rainfall	2.99
Maximum Monthly Rainfall	4.33
Partial Annual Rainfall	18.58
Number of Days with Rain	60

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Thompson Peak (gage # 5945) for Water Year 1991

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	----					.51						
2	----	.12					.04					
3				.04								
4				.43						----		----
5				----						----		----
6				----								----
7				.04								----
8												----
9												----
10												----
11											.28	----
12			.04									----
13									----			----
14												----
15			.24			.20						----
16						.20				.31		----
17					.12							
18												
19						.04						
20		.12	.04			.28						
21						.08						
22			.08									
23												
24												
25												
26		.08				.28						
27					.04						.04	
28			.24		.63	.16						
29			.12		----							
30					----							
31		----			----		----		----			----
SUM	0.00	0.31	0.75	0.51	0.79	1.73	0.04	0.00	0.00	0.31	0.31	0.00
ACC	0.00	0.31	1.06	1.93	2.72	4.45	4.49	4.49	4.49	4.80	5.12	5.12
MAX	0.00	0.12	0.24	0.43	0.63	0.51	0.04	0.00	0.00	0.31	0.28	0.00
NO.	0	3	6	3	3	8	1	0	0	1	2	0

Maximum Daily Rainfall	0.63
Maximum Monthly Rainfall	1.73
Partial Annual Rainfall	5.12
Number of Days with Rain	27

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Thompson Peak (gage # 5945) for Water Year 1990

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1					.16					.04		
2				.04						.24		.31
3				.12							.04	.28
4						----						
5												
6											.08	
7												
8												
9												
10				----		.16				.16		
11				----		.04						
12	----					.04					.20	
13	----											
14	----										.71	
15	----	----		.08							.63	----
16	----											----
17	----			.31								----
18	----			.20								
19				.20	.28							
20												.31
21	.67	.39			----							----
22												----
23												----
24							.39			1.02		----
25												----
26												----
27												----
28								.24				----
29			.20		----	.20		.04				----
30					----							----
31		----			----		----		----	.16	.04	----
SUM	0.67	0.39	0.20	0.94	0.43	0.43	0.39	0.28	0.00	1.61	1.69	0.91
ACC	0.67	1.06	1.26	2.20	2.64	3.07	3.46	3.74	3.74	5.35	7.05	7.95
MAX	0.67	0.39	0.20	0.31	0.28	0.20	0.39	0.24	0.00	1.02	0.71	0.31
NO.	1	1	1	6	2	4	1	2	0	5	6	3

Maximum Daily Rainfall	1.02
Maximum Monthly Rainfall	1.69
Partial Annual Rainfall	7.95
Number of Days with Rain	32

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Thompson Peak (gage # 5945) for Water Year 1989

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	----	----	----	----	----	----	----	----	----	----	.08	
2	----	----	----	----	----	----	----	----	----	----		
3	----	----	----	----	----	----	----	----	----	----		.16
4	----	----	----	----	----	----	----	----	----	----		
5	----	----	----	----	----	----	----	----	----	----		
6	----	----	----	----	----	----	----	----	----	----		
7	----	----	----	----	----	----	----	----	----	----		
8	----	----	----	----	----	----	----	----	----	----		
9	----	----	----	----	----	----	----	----	----	----		
10	----	----	----	----	----	----	----	----	----	----		
11	----	----	----	----	----	----	----	----	----	----		
12	----	----	----	----	----	----	----	----	----	----		
13	----	----	----	----	----	----	----	----	----	----		
14	----	----	----	----	----	----	----	----	----	----		
15	----	----	----	----	----	----	----	----	----	----		
16	----	----	----	----	----	----	----	----	----	----		
17	----	----	----	----	----	----	----	----	----	----	.12	.08
18	----	----	----	----	----	----	----	----	----	----		
19	----	----	----	----	----	----	----	----	----	----		
20	----	----	----	----	----	----	----	----	----	----		
21	----	----	----	----	----	----	----	----	----	----		
22	----	----	----	----	----	----	----	----	----	----		
23	----	----	----	----	----	----	----	----	----	----		
24	----	----	----	----	----	----	----	----	----	----		
25	----	----	----	----	----	----	----	----	----	----		
26	----	----	----	----	----	----	----	----	----	----		
27	----	----	----	----	----	----	----	----	----	.28		
28	----	----	----	----	----	----	----	----	----	.04		
29	----	----	----	----	----	----	----	----	----			
30	----	----	----	----	----	----	----	----	----			
31	----	----	----	----	----	----	----	----	----			----
SUM	----	----	----	----	----	----	----	----	----	0.31	0.20	0.24
ACC	----	----	----	----	----	----	----	----	----	0.31	0.51	0.75
MAX	----	----	----	----	----	----	----	----	----	0.28	0.12	0.16
NO.	----	----	----	----	----	----	----	----	----	2	2	2

Maximum Daily Rainfall	0.28
Maximum Monthly Rainfall	0.31
Partial Annual Rainfall	0.75
Number of Days with Rain	6

Station installed 07/27/1989.