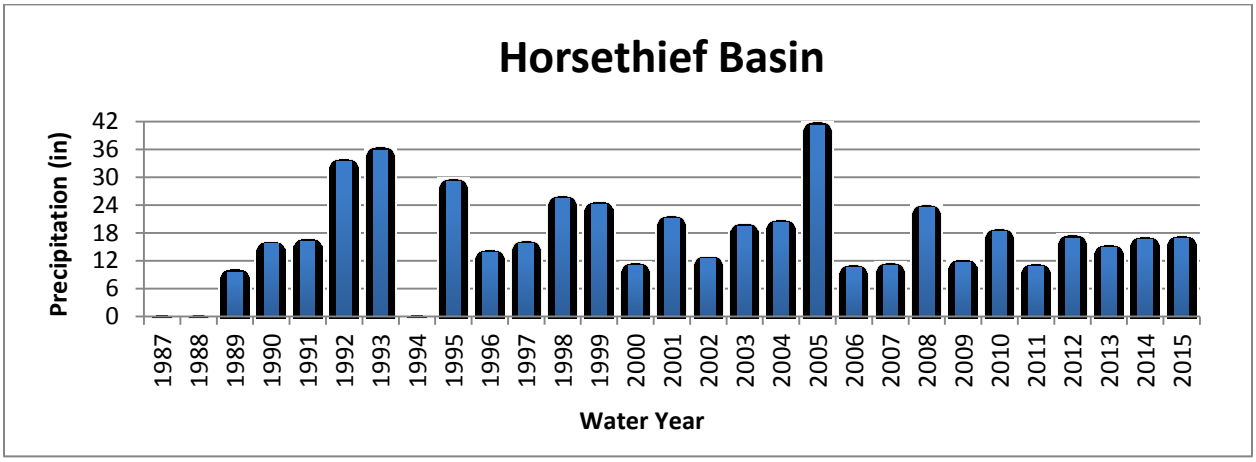
Station Name: Horsethief Basin

Station ID Number History:	**5700** since 09/25/92 **4510** from 10/01/87 - 09/25/92 **0098** from 07/01/81 - 10/01/87
Station Type:	Weather
Data Begins:	11/24/1986
Years Since Installation:	28.85 (as of 10/01/15)
Data Repeater:	Direct
County:	Yavapai
Latitude:	34° 09’ 44.6” (34.16238)
Longitude:	112° 16’ 14.1” (112.27059)
Elevation:	6,705 ft. msl
Location:	At HB Lookout, 6 mi. SE of Crown King
Data Record:	
Incomplete Months:	02-03/94
Missing Months:	10-11/87;
Remarks:	Records Fair; Good since 1995



Data Statistics for Period of Record:

Number of storms greater than 1 inch in 24 hours:	110	
Number of storms greater than 2 inches in 24 hours:	36	
Number of storms greater than 3 inches in 24 hours:	18	
		Approx. T_r
Greatest 15 minute total:	1.38" on 07/14/12	23 years
Greatest 1 hour total:	2.32" on 08/19/14	23 years
Greatest 3 hour total:	2.80" on 08/19/14	27 years
Greatest 6 hour total:	3.98" on 08/19/14	97 years
Greatest 24 hour total:	5.20" on 02/11/05	22 years
Greatest 72 hour total:	7.05" on 02/11/05	25 years

Water Year Totals: (Mean of Complete Water Years [26] = 19.00 inches)

Water Year	Total	Water Year	Total	Water Year	Total	Water Year	Total
2020		*2010*	18.31	*2000*	10.87	*1990*	15.59
2019		*2009*	11.65	*1999*	24.13	*1989*	9.53
2018		*2008*	23.39	*1998*	25.35	*1988*	M
2017		*2007*	10.98	*1997*	15.67	*1987*	M
2016		*2006*	10.43	*1996*	13.82	*1986*	
2015	16.77	*2005*	41.18	*1995*	29.06	*1985*	
2014	16.54	*2004*	20.24	*1994*	M	*1984*	
2013	14.80	*2003*	19.45	*1993*	35.79	*1983*	
2012	16.85	*2002*	12.36	*1992*	33.35	*1982*	
2011	10.79	*2001*	20.98	*1991*	16.14	*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 Horsethief Basin (gage # 5700) for Water Year 2015

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1				.16		.55					.04	
2			.08	.04		.98						
3			.28	.08		.20				.20		
4			.20	.20				.08				
5			.04					.04	.08	.04		
6										.04		.04
7										.63	.31	.51
8	.04											.12
9	.12											
10				.08					.16			
11				.04							.04	
12				.04							.04	.28
13			.35	.12								.04
14								.08				.35
15								.51				
16								.16				
17												
18			.28			.04				.31		
19						.43				.47		
20												
21												
22					.04							.35
23					.87						1.30	
24					.04		.20				.39	
25							.24					
26				.28			.16					
27				.39							.16	
28					.20							
29				.35	----				.16	.20	.20	
30				1.85	----							
31		----		.24	----		----		----	.28		----
SUM	0.16	0.00	1.22	3.86	1.14	2.20	0.59	0.87	0.39	2.17	2.48	1.69
ACC	0.16	0.16	1.38	5.24	6.38	8.58	9.17	10.04	10.43	12.60	15.08	16.77
MAX	0.12	0.00	0.35	1.85	0.87	0.98	0.24	0.51	0.16	0.63	1.30	0.51
NO.	2	0	6	13	4	5	3	5	3	8	8	7

Maximum Daily Rainfall	1.85
Maximum Monthly Rainfall	3.86
Total Annual Rainfall	16.77
Number of Days with Rain	64

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Horsethief Basin (gage # 5700) for Water Year 2014

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1						1.65					.08	
2						.04					.20	
3										.24	.16	
4		.04								.04		
5												
6												
7					.04					.20		
8			.04							.04		1.02
9										.08		.94
10	.04									.04		.04
11												
12											1.97	
13											.28	
14						.04						
15										.04		
16										.04		.04
17												
18											.04	
19			.12								4.45	
20			.16									
21		.28	.04								.12	
22		1.10	.08									
23		.63	.08									
24		.35										
25		.31								.75		
26		.16										
27										.28		.16
28					.08							
29					----							
30					----							
31		----			----		----		----	.04		----
SUM	0.04	2.87	0.51	0.00	0.12	1.73	0.00	0.00	0.00	1.77	7.28	2.20
ACC	0.04	2.91	3.43	3.43	3.54	5.28	5.28	5.28	5.28	7.05	14.33	16.54
MAX	0.04	1.10	0.16	0.00	0.08	1.65	0.00	0.00	0.00	0.75	4.45	1.02
NO.	1	7	6	0	2	3	0	0	0	11	8	5

Maximum Daily Rainfall	4.45
Maximum Monthly Rainfall	7.28
Total Annual Rainfall	16.54
Number of Days with Rain	43

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Horsethief Basin (gage # 5700) for Water Year 2013

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3					.04							
4												
5												
6												
7												
8		.08				.35						.43
9		.04				.04	.04					.47
10						.67						2.48
11	.12				.12							.16
12	.16											
13			.43									.12
14			.67									.47
15												
16			.08							.16	.16	
17			.12							.16		
18			.31							.04		
19										.16		
20			.08		.04					.12		
21					.08					.04	.12	
22										.08		
23												
24			.04	.16							.24	
25				.24							.47	
26				1.10						.63	.08	
27				.28						.20		
28				.08							.63	
29					----							
30					----						2.01	
31		----	.04		----		----		----			----
SUM	0.28	0.12	1.77	1.85	0.28	1.06	0.04	0.00	0.00	1.57	3.70	4.13
ACC	0.28	0.39	2.17	4.02	4.29	5.35	5.39	5.39	5.39	6.97	10.67	14.80
MAX	0.16	0.08	0.67	1.10	0.12	0.67	0.04	0.00	0.00	0.63	2.01	2.48
NO.	2	2	8	5	4	3	1	0	0	9	7	6

Maximum Daily Rainfall	2.48
Maximum Monthly Rainfall	4.13
Total Annual Rainfall	14.80
Number of Days with Rain	47

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Horsethief Basin (gage # 5700) for Water Year 2012

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2	.04		.04									.12
3												
4	.16	.16								.12		.35
5		.08	.16									
6	.24		.04								.04	
7		.04	.16								.08	1.54
8		.04	.16									.12
9			.08									
10										.12		.47
11												.51
12			.12									
13		.16	.39							.31		
14			.47							3.86	.08	
15			.20				.04					
16			.16							.08	1.18	
17			.28			.04					.16	
18			.35			.24						
19			.16			.04						
20			.08			.28						
21			.04							.20	.75	
22										.04		
23											.87	
24				.04						.39	.04	
25											.20	
26							.12					
27											----	
28					.04						----	
29					.04					.55		
30					----							
31		----			----		----		----	.04		----
SUM	0.43	0.47	2.87	0.04	0.08	0.59	0.16	0.00	0.00	5.71	3.39	3.11
ACC	0.43	0.91	3.78	3.82	3.90	4.49	4.65	4.65	4.65	10.35	13.74	16.85
MAX	0.24	0.16	0.47	0.04	0.04	0.28	0.12	0.00	0.00	3.86	1.18	1.54
NO.	3	5	16	1	2	4	2	0	0	10	9	6

Maximum Daily Rainfall	3.86
Maximum Monthly Rainfall	5.71
Total Annual Rainfall	16.85
Number of Days with Rain	58

Gage 5700 down from 8/26 20:21 (349) through 8/29 09:21 (349) due to data collision; no rain fell.

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Horsethief Basin (gage # 5700) for Water Year 2011

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1											1.38	
2	.12										.71	
3				.04								
4	.35			.12							.04	
5	.28			.16						.51		
6	.39			.20								
7												
8												
9							.20			.12		.04
10							.04			.08		
11										.67		.04
12												.12
13												.12
14											.43	
15												
16			.51									
17			.04									
18			.12					.24		.12		
19			.04		.28							
20	.04	.04						----				
21	.24	.47	.12		.12	.08		----				
22			1.06			.24		----				
23			.08									
24												
25												
26												
27					.24							
28										.08		
29					----					.12		
30					----					.35		
31		----			----		----		----	.04		----
SUM	1.42	0.51	1.97	0.51	0.63	0.31	0.24	0.24	0.00	2.09	2.56	0.31
ACC	1.42	1.93	3.90	4.41	5.04	5.35	5.59	5.83	5.83	7.91	10.47	10.79
MAX	0.39	0.47	1.06	0.20	0.28	0.24	0.20	0.24	0.00	0.67	1.38	0.12
NO.	6	2	7	4	3	2	2	1	0	9	4	4

Maximum Daily Rainfall	1.38
Maximum Monthly Rainfall	2.56
Total Annual Rainfall	10.79
Number of Days with Rain	44

Annual Total (mm): 274 Days Down: 3.25

Gage 5700 down from 05/19 04:02 (148) through 05/22 10:02 (148) due to data collision; no rain fell.

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Horsethief Basin (gage # 5700) for Water Year 2010

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1											.12	
2											.04	
3					.08							
4												
5												
6					.04	.39						
7	.04		.83		.20	.08					.28	
8			.12		.08	.47						
9			.12			.04						
10			.08		.04	.12				.04		
11			.28			.59						
12			.28			.16						
13		.12	.24									
14		.04								.75		
15										.08		
16										1.30		
17											1.06	
18				.04								
19				.79						.12		
20				.16	.08							
21				5.04	.16		.04					
22					.08					.47	.04	.04
23						.16				.31		
24				.39								
25										.08	.04	
26										.20		
27										.08	.16	
28					.63					.71	.16	
29					----					.04		
30					----							
31		----			----		----		----	.24		----
SUM	0.04	0.16	1.93	6.41	1.38	2.01	0.04	0.00	0.00	4.41	1.89	0.04
ACC	0.04	0.20	2.13	8.54	9.92	11.93	11.97	11.97	11.97	16.38	18.27	18.31
MAX	0.04	0.12	0.82	5.04	0.63	0.59	0.04	0.00	0.00	1.30	1.06	0.04
NO.	1	2	7	5	9	8	1	0	0	13	8	1

Maximum Daily Rainfall	5.04
Maximum Monthly Rainfall	6.41
Total Annual Rainfall	18.31
Number of Days with Rain	55

Notes:

Annual rainfall in millimeters: 465

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Horsethief Basin (gage # 5700) for Water Year 2009

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												.04
2										.04		
3										.47		.04
4				.16						.28		.04
5				.12								.20
6												
7					.08							
8												
9						.04						.51
10					.04							
11					.24		.39					
12					.04		.08				.28	
13					.12	.04					.35	.12
14					.04	.12						
15					.20							
16			.04		.12							
17			1.65		.16							
18			.12		.04							
19			.08									.12
20									.04	.16		
21								.20				
22				.12				.35		.24		
23				.04				.20				
24										.16		
25			1.38							.28		
26		.98	.20									
27		.79										
28												
29					----							
30					----							
31		----			----		----		----		.16	----
SUM	0.00	1.77	3.46	0.43	1.06	0.20	0.47	0.75	0.04	1.61	0.79	1.06
ACC	0.00	1.77	5.24	5.67	6.73	6.93	7.40	8.15	8.19	9.80	10.59	11.65
MAX	0.00	0.98	1.65	0.16	0.24	0.12	0.39	0.35	0.04	0.47	0.35	0.51
NO.	0	2	6	4	10	3	2	3	1	7	3	7

Maximum Daily Rainfall	1.65
Maximum Monthly Rainfall	3.46
Total Annual Rainfall	11.65
Number of Days with Rain	48

Notes:

Annual rainfall in millimeters: 296

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Horsethief Basin (gage # 5700) for Water Year 2008

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			1.54									.04
2												
3												
4					.12					.43	.12	
5				1.14	.20						.08	
6				.55	.20						.31	
7			3.74	.24	.12							
8				.24							.98	
9			.04	.12						.04		.43
10			.12							1.65		
11			.20							.08		
12			.43							.16		
13			.04					.04		.67		
14										.08	.91	
15					.24							
16												
17											.08	
18												
19												
20										.20		
21												
22								.04				
23					.16			.28				
24								.31			.24	
25				.20						.16	.47	
26										.04	.04	
27				3.11								
28				.04								
29				.04							.04	
30		2.68			----							
31		----			----		----		----			----
SUM	0.00	2.68	6.10	5.67	1.02	0.00	0.00	0.67	0.00	3.50	3.27	0.47
ACC	0.00	2.68	8.78	14.45	15.47	15.47	15.47	16.14	16.14	19.65	22.91	23.39
MAX	0.00	2.68	3.74	3.11	0.24	0.00	0.00	0.31	0.00	1.65	0.98	0.43
NO.	0	1	7	9	6	0	0	4	0	10	10	2

Maximum Daily Rainfall	3.74
Maximum Monthly Rainfall	6.10
Total Annual Rainfall	23.39
Number of Days with Rain	49

Notes:

Annual rainfall in millimeters: 594

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Horsethief Basin (gage # 5700) for Water Year 2007

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1					.08							.08
2					.12						.16	
3											.55	
4					.08							
5	.04			.04								
6	.16											.35
7												.08
8	.24											
9												
10												
11					.08							
12												
13	.08						.08					
14	.55			.04	.12						.08	
15												
16										.28	.04	
17	.04											
18												
19				.16	.04							
20					.39					.35		
21					.12		.04			.43		
22			.08	.12		1.10						.39
23				.08		.08				.55		.08
24						.04						
25						.04				1.97		
26												
27										.08		
28			.04							.08		
29			.08		----							
30			.12		----					.71		
31		----		.16	----		----		----	.31		----
SUM	1.10	0.00	0.31	0.59	1.02	1.26	0.12	0.00	0.00	4.76	0.83	0.98
ACC	1.10	1.10	1.42	2.01	3.03	4.29	4.41	4.41	4.41	9.17	10.00	10.98
MAX	0.55	0.00	0.12	0.16	0.39	1.10	0.08	0.00	0.00	1.97	0.55	0.39
NO.	6	0	4	6	8	4	2	0	0	9	4	5

Maximum Daily Rainfall	1.97
Maximum Monthly Rainfall	4.76
Total Annual Rainfall	10.98
Number of Days with Rain	48

Notes:

Annual rainfall in millimeters: 279

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Horsethief Basin (gage # 5700) for Water Year 2006

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												.04
3												.08
4										.04		
5							.08			.08		
6												
7										.20		.16
8									.16	.08	.20	
9											.04	.43
10											.98	
11		.12										
12						.04					.08	.04
13						.35					.91	
14						.08						.35
15												
16								.04		.04	.04	
17	.16											
18	.87										.04	
19						.12				.16		
20						.12						
21										.04	.87	
22						.24						
23											.24	
24											1.18	
25									.04	.28		
26									.08			
27									.08			
28						.16	.04					
29					----	.12			.16	.35		
30					----				.28	.04		
31		----			----		----		----		.16	----
SUM	1.02	0.12	0.00	0.00	0.00	1.22	0.12	0.04	0.79	1.30	4.72	1.10
ACC	1.02	1.14	1.14	1.14	1.14	2.36	2.48	2.52	3.31	4.61	9.33	10.43
MAX	0.87	0.12	0.00	0.00	0.00	0.35	0.08	0.04	0.28	0.35	1.18	0.43
NO.	2	1	0	0	0	8	2	1	6	10	11	6

Maximum Daily Rainfall	1.18
Maximum Monthly Rainfall	4.72
Total Annual Rainfall	10.43
Number of Days with Rain	47

Notes:

Annual rainfall in millimeters: 265

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Horsethief Basin (gage # 5700) for Water Year 2005

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1											.08	
2											.35	
3				1.50							-----	.59
4				.31		.04					-----	
5				.04		.31					.24	
6			.08			.08						
7		1.22	.12		.08						.08	
8		.87	.43	.35	.43						2.05	
9			.67	.35	.04						.47	
10					.83						.31	
11				.47	5.00							
12		.04			1.22						.43	
13		.16										
14											-----	
15		.12			.12						-----	
16											-----	
17					.79							
18					.75							
19					.59	.24						
20		.04			.24	.20					.08	
21	1.42	1.02			.16							
22		.28			.79							
23		.08			.08		.51			.91	.08	
24				.04	.12		.94			.08		
25					.12	.04				1.22		
26				1.22	.04					.35		
27	.91			.16	.08							
28	1.30		1.14	.04								
29	.04		3.23	.08	-----					.39		
30				.20	-----					.79		
31		-----			-----		-----		-----	.94		-----
SUM	3.66	3.82	5.67	4.76	11.46	0.91	1.46	0.00	0.00	4.69	4.17	0.59
ACC	3.66	7.48	13.15	17.91	29.37	30.28	31.73	31.73	31.73	36.42	40.59	41.18
MAX	1.42	1.22	3.23	1.50	5.00	0.31	0.94	0.00	0.00	1.22	2.05	0.59
NO.	4	9	6	12	18	6	2	0	0	7	10	1

Maximum Daily Rainfall	5.00
Maximum Monthly Rainfall	11.46
Estimated Annual Rainfall	41.18
Number of Days with Rain	75

Notes:

Estimated annual rainfall in millimeters: 1046 Total down-time: 8.23 days
Gage 5700 down from 8/01 17:28 (927) through 8/06 00:17 (1084) for unknown reason; estimated rainfall on 8/02 and 8/05 from nearby gages.
Gage 5700 down from 8/13 12:15 (1165) through 8/17 11:03 (1165) due to transmitter failure; no rain fell.

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Horsethief Basin (gage # 5700) for Water Year 2004

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1							.20					
2						.12	1.61					
3				.24		.08	.16					
4					.16	.04						.51
5						.12	.08				.16	
6												
7							.16				.39	
8												
9							.24					
10	.31											
11		.12				.04				1.61		
12		3.78	.28			.59				.08		
13						.12						
14										.16		
15											.35	
16										.47	1.14	
17											.59	
18											.08	.71
19											.12	1.26
20												
21												
22				.20	.20							
23				.16	.12							
24					.51							
25					.43					.28		
26			.20		.12					1.02		
27					.43					.47		
28					.04							
29												
30					---							
31		---			---		---		---			---
SUM	0.31	3.90	0.47	0.59	2.01	1.10	2.44	0.00	0.00	4.09	2.83	2.48
ACC	0.31	4.21	4.69	5.28	7.28	8.39	10.83	10.83	10.83	14.92	17.76	20.24
MAX	0.31	3.78	0.28	0.24	0.51	0.59	1.61	0.00	0.00	1.61	1.14	1.26
NO.	1	2	2	3	8	7	6	0	0	7	7	3

Maximum Daily Rainfall	3.78
Maximum Monthly Rainfall	4.09
Total Annual Rainfall	20.24
Number of Days with Rain	46

Notes:

Annual rainfall in millimeters: 514

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Horsethief Basin (gage # 5700) for Water Year 2003

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1						.08					.31	.35
2	.63					.59						
3						.28						
4						.16						.04
5						.31						
6						.43						1.10
7												
8		.04		.51								
9		.24		.12	.04						.08	.67
10		.04										.04
11												
12					.83							
13					3.98					.20		
14					.16						.67	
15						.04	.16					
16						.83						
17	.04		.24			.12						
18						.35						
19							.08					
20				.24								
21												
22			.04									
23	.24		.08									
24											.63	
25			.16		.39							
26	.28		.04		.43						.47	
27	.24				.04					.04	.51	
28					.24					.08	.35	
29		.39			-----							
30		.51			-----			.04		.24	.04	
31		-----			-----		-----		-----			-----
SUM	1.42	1.22	0.55	0.87	6.10	3.19	0.24	0.04	0.00	0.55	3.07	2.20
ACC	1.42	2.64	3.19	4.06	10.16	13.35	13.58	13.62	13.62	14.17	17.24	19.45
MAX	0.63	0.51	0.24	0.51	3.98	0.83	0.16	0.04	0.00	0.24	0.67	1.10
NO.	5	5	5	3	8	10	2	1	0	4	8	5

Maximum Daily Rainfall	3.98
Maximum Monthly Rainfall	6.10
Total Annual Rainfall	19.45
Number of Days with Rain	56

Notes:

Total annual rainfall in millimeters: 494

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Horsethief Basin (gage # 5700) for Water Year 2002

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1											.04	.63
2												
3											.43	
4			.12									
5		.28	.28							-----	.16	
6							.43			-----		2.32
7	.63											1.34
8	.63											.79
9										.75		
10												.16
11												.63
12			.08									
13												
14										.16		
15			.04								.16	
16										.63		
17										1.06		
18										.12		
19												
20												
21												
22												
23												
24												
25										.08		
26							.04					
27												
28												
29			.04		-----	.08						
30		.04		.04	-----							
31		-----		.20	-----		-----		-----			-----
SUM	1.26	0.31	0.55	0.24	0.00	0.08	0.47	0.00	0.00	2.80	0.79	5.87
ACC	1.26	1.57	2.13	2.36	2.36	2.44	2.91	2.91	2.91	5.71	6.50	12.36
MAX	0.63	0.28	0.28	0.20	0.00	0.08	0.43	0.00	0.00	1.06	0.43	2.32
NO.	2	2	5	2	0	1	2	0	0	6	4	6

Maximum Daily Rainfall	2.32
Maximum Monthly Rainfall	5.87
Total Annual Rainfall	12.36
Number of Days with Rain	30

Notes:

Total annual rainfall in millimeters: 314 Total down-time: 3.00 days
Gage 5700 down from 07/04 05:23 (74) through 07/07 05:24 (74) for unknown reason; no rain fell.

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Horsethief Basin (gage # 5700) for Water Year 2001

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1					.16	.51						
2					.43	.16						
3		.12				.04						
4	.20	.08									.43	
5							.04					
6		.08					.35					
7		.08				1.18					.20	
8				.51		.04				.04	.51	
9				.67		.08					.16	
10	.55	.08				.04	.04			.04	.04	
11	.08	.08				.04	.24					
12		.24		.08		.16						
13			.04	.24							.31	
14				.24	.08						.04	
15				.04	.16							
16				.04	.39							
17				.12	.43							
18				.16								
19				.28				.24				
20				.08								
21	.35								.24			
22	2.72						.04					
23	1.57											
24	.04											
25									.04	.63		
26					.39				.04	.04		
27	2.17				.20							
28	.12			.08	.08							
29				.16	----					.04		
30	.79			.24	----					.24		
31	.08	----		.08	----		----		----			----
SUM	8.66	0.75	0.04	2.99	2.32	2.24	0.71	0.24	0.31	1.02	1.69	0.00
ACC	8.66	9.41	9.45	12.44	14.76	17.01	17.72	17.95	18.27	19.29	20.98	20.98
MAX	2.72	0.24	0.04	0.67	0.43	1.18	0.35	0.24	0.24	0.63	0.51	0.00
NO.	11	7	1	15	9	9	5	1	3	6	7	0

Maximum Daily Rainfall	2.72
Maximum Monthly Rainfall	8.66
Total Annual Rainfall	20.98
Number of Days with Rain	74

Notes:

Annual rainfall in millimeters: 533 Total down-time: 0.00 days

Note: This station is equipped with a snow tube. Many of the winter daily values are due to snowmelt.

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Horsethief Basin (gage # 5700) for Water Year 2000

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1							.04				.08	
2				.04								
3				.08								
4												
5											.39	
6						.08					.16	
7						.51					1.38	
8						.55					.04	
9						.63				.08		
10						.75						
11						.39						
12											.16	
13											.04	
14												
15												
16											.08	
17												
18												
19												
20									.12			
21					1.38	.20						
22			.04		.08				.35			
23									.08		.12	
24					.08						.04	
25												
26												
27											.28	
28						.31			.83			
29											.59	
30					----	.04					.31	
31		----			----	.43	----		----	.12		----
SUM	0.00	0.00	0.04	0.12	1.54	3.90	0.04	0.00	1.38	0.20	3.66	0.00
ACC	0.00	0.00	0.04	0.16	1.69	5.59	5.63	5.63	7.01	7.20	10.87	10.87
MAX	0.00	0.00	0.04	0.08	1.38	0.75	0.04	0.00	0.83	0.12	1.38	0.00
NO.	0	0	1	2	3	10	1	0	4	2	13	0

Maximum Daily Rainfall	1.38
Maximum Monthly Rainfall	3.90
Total Annual Rainfall	10.87
Number of Days with Rain	36

Notes:

Annual rainfall in millimeters: 276

Total down-time: 0 days

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Horsethief Basin (gage # 5700) for Water Year 1999

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1							.04					.67
2							.67		.43			
3							.43					
4							.43					
5			.04		.75		.24			.28	.04	
6					.51					.16		
7			.24		.04	.04				.35		
8		.16				.12				.04		
9		.08					.04			.24		
10										.16	.12	
11												.79
12												
13							.04			.47		
14										.87	.08	1.85
15			.08							1.34		.12
16						.31				.43	.04	.35
17						.35						.12
18										2.32		.16
19											.08	.16
20			.04									
21	.43											
22											.04	
23	.04									.04		.91
24										.16	.91	
25	.31									1.06		
26	.43											
27				.08						.20	.20	
28		.59		.12								
29					----					.24	.04	
30	.51				----						.59	
31		----			----		----		----		.94	----
SUM	1.73	0.83	0.39	0.20	1.30	0.83	1.89	0.00	0.43	8.35	3.07	5.12
ACC	1.73	2.56	2.95	3.15	4.45	5.28	7.17	7.17	7.60	15.94	19.02	24.13
MAX	0.51	0.59	0.24	0.12	0.75	0.35	0.67	0.00	0.43	2.32	0.94	1.85
NO.	5	3	4	2	3	4	7	0	1	16	11	9

Maximum Daily Rainfall	2.32
Maximum Monthly Rainfall	8.35
Total Annual Rainfall	24.13
Number of Days with Rain	65

Notes:

Annual rainfall in millimeters: 613

Total down-time: 0 days

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Horsethief Basin (gage # 5700) for Water Year 1998

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			.12			----	.04					.08
2							.39					.08
3				.31	.08							
4				.75	.51							.98
5				.04	.87					.04		
6			.51		.24	.08				.87	.47	.20
7			1.57		.04	.04				.43	.12	
8			.24		.12			.04			.28	
9					.35							.24
10				.20	.04							
11		.20		.12			.08					.83
12							.59				.31	
13								.31				
14		.20				.16						
15					.39	.24	.04					
16					.16		.04				.08	
17					.08					.04	.43	
18					1.18	.04						
19										1.42		
20			.08		.28			.08				
21	.12				.04							
22	.12		.59									.08
23			.67							.75		
24			.20							.12		
25			.35		.12						.31	
26		.04	.24			.83						
27				----		.43						
28					----	.55				.04		
29					----	.16						
30					----	.47					1.30	
31		----			----	.08	----		----		.04	----
SUM	0.24	0.43	4.57	1.42	4.49	3.07	1.18	0.43	0.00	3.70	3.35	2.48
ACC	0.24	0.67	5.24	6.65	11.14	14.21	15.39	15.83	15.83	19.53	22.87	25.35
MAX	0.12	0.20	1.57	0.75	1.18	0.83	0.59	0.31	0.00	1.42	1.30	0.98
NO.	2	3	10	5	15	11	6	3	0	8	9	7

Maximum Daily Rainfall	1.57
Maximum Monthly Rainfall	4.57
Total Annual Rainfall	25.35
Number of Days with Rain	79

Notes:

Annual rainfall in millimeters: 644 Total down-time: 2.5 days

Gage down from 2/27 21:48 (283) through 3/02 9:48 (283) for unknown reason; no rain fell.

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Horsethief Basin (gage # 5700) for Water Year 1997

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1						.08						.24
2							.08					.12
3				.24			.47				.63	
4							.16					
5							.39				.04	1.81
6							.08					.12
7												
8											.31	
9												
10			.28									
11												.47
12	.24			.04				.04				
13												
14	.35			.28							.16	
15				.67					.08			.12
16				.04								.04
17											.08	
18							.31					
19								.04				
20												
21												
22		.12								.08	.08	
23												
24												
25				.04								2.40
26	.08			1.02	.04						.24	2.01
27	.04	.16		.16								
28	.08				.55							
29		.04									.16	
30											.28	
31			.04							.04		
SUM	0.79	0.31	0.31	2.48	0.59	0.08	1.50	0.08	0.08	0.12	1.97	7.32
ACC	0.79	1.14	1.46	3.94	4.53	4.61	6.10	6.18	6.26	6.38	8.35	15.67
MAX	0.35	0.16	0.28	1.02	0.55	0.08	0.47	0.04	0.08	0.08	0.63	2.40
NO.	5	3	2	8	2	1	6	2	1	2	9	9

Maximum Daily Rainfall	2.40
Maximum Monthly Rainfall	7.32
Total Annual Rainfall	15.67
Number of Days with Rain	50

Notes:

Annual rainfall in millimeters: 398

Total down-time: 0 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Horsethief Basin (gage # 5700) for Water Year 1996

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		.47			.28						.04	
2											.04	
3										.16		
4												
5												1.65
6												.63
7												.04
8											.04	
9											.75	.35
10										.87		.39
11										.31		.98
12										.04	.04	
13					.04	.08				.04		.31
14			.04			1.02				.28	.24	.16
15						.24						
16												.04
17												
18											.24	.08
19											.20	
20												
21												
22					.12						.04	
23				.04								
24			.12									
25										.24	.31	
26												
27					.24					.79	.63	
28										.24		
29												
30									.67	.08		
31				.08						.16		
SUM	0.00	0.47	0.16	0.12	0.67	1.34	0.00	0.00	0.67	3.19	2.56	4.65
ACC	0.00	0.47	0.63	0.75	1.42	2.76	2.76	2.76	3.43	6.61	9.17	13.82
MAX	0.00	0.47	0.12	0.08	0.28	1.02	0.00	0.00	0.67	0.87	0.75	1.65
NO.	0	1	2	2	4	3	0	0	1	11	11	10

Maximum Daily Rainfall	1.65
Maximum Monthly Rainfall	4.65
Total Annual Rainfall	13.82
Number of Days with Rain	45

Notes:
Annual Rainfall in mm: 351

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Horsethief Basin (gage # 5700) for Water Year 1995

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1						0.16						
2											0.12	
3						0.08						
4				0.51								
5			1.54	1.22		1.42						
6			0.47	0.20		0.91						0.16
7								0.08				
8												
9												
10												
11		0.04		0.12		0.75				0.04	0.24	
12		0.87		0.16	0.04						0.16	
13					0.91						0.08	
14					3.62					0.35	0.24	
15	0.75				0.51					0.35	0.24	
16								0.08				0.67
17				0.04			0.08					0.51
18							0.20					0.04
19		0.08					0.51				0.04	
20		0.04					0.12				0.16	
21											0.12	
22					0.04							
23			1.89		0.16						0.31	
24			0.43									
25			1.61	1.77								
26			0.67	0.51	0.24							
27				0.20	0.08							0.04
28					0.16			0.04				1.26
29									0.04			
30			0.24							0.04		
31			0.04							0.28		
SUM	0.75	1.02	6.89	4.72	5.75	3.31	0.91	0.20	0.04	1.06	1.69	2.68
ACC	0.75	1.77	8.66	13.39	19.17	22.48	23.39	23.58	23.62	24.69	26.38	29.06
MAX	0.75	0.87	1.89	1.77	3.62	1.42	0.51	0.08	0.04	0.35	0.31	1.26
NO.	1	4	8	9	9	5	4	3	1	5	10	6

Maximum Daily Rainfall	3.62
Maximum Monthly Rainfall	6.89
Total Annual Rainfall	29.06
Number of Days with Rain	65

Notes:

Gage down from 6/08 22:36 (599) through 6/12 10:36 (599) due to programming error; no rain fell.
Annual rainfall in mm: 738

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Horsethief Basin (gauge # 5700) for Water Year 1994

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												0.67
3												0.16
4												0.71
5	0.35											
6	1.14										0.67	
7	0.20					0.04						
8												
9								0.08			0.63	
10												0.08
11		0.16	0.04									0.43
12		0.20	0.04			0.04						
13		0.16										
14		0.04										
15		0.08									0.04	
16	0.35	0.16									0.94	
17										0.75		
18						0.04				0.08		
19						0.08				0.83	1.18	
20						0.04						0.08
21									0.04			
22												
23		0.04										
24								0.20		0.12		
25						0.04						0.35
26											0.04	
27							0.04				0.51	
28												
29				0.04					0.16			
30										0.04		
31												
SUM	2.05	0.83	0.08	0.04	0.00	0.28	0.04	0.28	0.20	1.81	4.02	2.48
ACC	2.05	2.87	2.95	2.99	2.99	3.27	3.31	3.58	3.78	5.59	9.61	12.09
MAX	1.14	0.20	0.04	0.04	0.00	0.08	0.04	0.20	0.16	0.83	1.18	0.71
NO.	4	7	2	1	0	6	1	2	2	5	7	7

Maximum Daily Rainfall	1.18
Maximum Monthly Rainfall	4.02
Partial Annual Rainfall	12.09
Number of Days with Rain	44

Notes:
Annual rainfall in mm: 307
Totals on 11/16 and 11/17 due to snowmelt.
Malfunctioning tipping bucket through Feb. and March; inaccurate monthly and annual totals.

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Horsethief Basin (gage # 5700) for Water Year 1993

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1					.08	.08						
2						.04						
3			.08	.12								
4			2.20	.16							.51	.08
5			.12								.24	.12
6			.04	1.81					.24		1.02	
7			.04	2.32								
8			.98	1.81	3.11							
9				.04	1.22							
10		.08	.04	1.69	.08							
11		.04		.04	.04							
12			.04	.08								.16
13			.08	.28								.04
14			.16	.87	.28							
15				.12	.12			.04				
16			.12	1.06				.35				
17			.04	.79								
18				1.54	.16							
19			.12	.16	2.83							
20				.08	.59							
21												
22					.08							
23												
24	.08										.08	
25	.04										.04	
26						.28						
27			.20			.08					.35	
28	.16		2.44		.55	.79					.16	
29			.31	.24	----	.04					.75	
30				.08	----						.35	
31	.08	----		.04	----		----		----		.04	----
SUM	0.35	0.12	7.01	13.31	9.13	1.30	0.00	0.39	0.24	0.00	3.54	0.39
ACC	0.35	0.47	7.48	20.79	29.92	31.22	31.22	31.61	31.85	31.85	35.39	35.79
MAX	0.16	0.08	2.44	2.32	3.11	0.79	0.00	0.35	0.24	0.00	1.02	0.16
NO.	4	2	16	20	12	6	0	2	1	0	10	4

Maximum Daily Rainfall	3.11
Maximum Monthly Rainfall	13.31
Total Annual Rainfall	35.79
Number of Days with Rain	77

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Horsethief Basin (gage # 5700) for Water Year 1992

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			.16				.43		.08		.08	
2						1.10	.39		.04			
3			.04	.55		.12			.08			
4				.20		.08		.04				
5				.75		.04		.67			.59	
6				.87				.08			.31	
7				.04	2.28	.08		.04			.04	
8				.04	.08	.75					.83	
9				.04	.04	.28					.08	
10		.12	1.10		.31	.04		.35		1.02	.08	
11		.04	.24		.31			.04		.39		
12				.08	.20					.04	.04	
13			.04		2.01						.04	
14		.71										
15		.08			.04							
16		.31			.04					.04		
17					.04							
18			.47		.04							
19			.71									1.38
20			.16	.12				.08				.04
21			.08		.04	.51		.12			.04	.24
22			.08					.04			1.69	
23	.12					.04					1.89	
24			.04			.08				.51	.04	
25								.04		.08	.04	
26										.04		
27	.75					.87		.04			.04	
28						.12				.04		
29		.04	.08			.31		.04		.12		
30	.08	1.02	.20		----	.04		.20		.04		
31		----	.08		----	.04	----	.12	----	1.14		----
SUM	0.94	2.32	3.46	2.68	5.43	4.49	0.83	1.89	0.20	3.46	5.83	1.65
ACC	0.94	3.27	6.73	9.41	14.84	19.33	20.16	22.05	22.24	25.71	31.65	33.35
MAX	0.75	1.02	1.10	0.87	2.28	1.10	0.43	0.67	0.08	1.14	1.89	1.38
NO.	3	7	14	9	12	16	2	14	3	11	15	3

Maximum Daily Rainfall	2.28
Maximum Monthly Rainfall	5.94
Total Annual Rainfall	33.35
Number of Days with Rain	109

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Horsethief Basin (gage # 5700) for Water Year 1991

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	.79					3.54			.04			.59
2		.08				.04						.04
3				.12								
4				.91								
5				.16								
6												.12
7												
8												
9												
10											.20	
11											.63	
12												
13												
14												
15						.35						
16						.08						
17			.04			.04						
18												
19	.04		.04			.35						
20		.28	.04			.16				.35		
21						.59						
22		.04	.04									
23												
24	.04											
25												
26		.59				.91					.16	
27						.31					.31	
28			.28		3.15	.20						
29			.08		----					.39		
30					----							
31		----	.04		----		----		----			----
SUM	0.87	0.98	0.55	1.18	3.15	6.57	0.00	0.00	0.04	0.75	1.30	0.75
ACC	0.87	1.85	2.40	3.58	6.73	13.31	13.31	13.31	13.35	14.09	15.39	16.14
MAX	0.79	0.59	0.28	0.91	3.15	3.54	0.00	0.00	0.04	0.39	0.63	0.59
NO.	3	4	7	3	1	11	0	0	1	2	4	3

Maximum Daily Rainfall	3.54
Maximum Monthly Rainfall	6.57
Total Annual Rainfall	16.14
Number of Days with Rain	39

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Horsethief Basin (gage # 5700) for Water Year 1990

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1					.16	.04	.12					
2				.16	.16		.04			1.34	.04	.28
3		.04		.08	.04		.08					.39
4	.04			.04	.04							
5	.16				.08	.04	.04					.04
6					.04		.04			.12	.08	.31
7	.04			.04						.39		
8	.04				.04					.63		
9												
10				.04					.28	.31		
11		.04			.04	.12						
12						.12					1.10	
13						.08						
14						.08				.16	.47	
15						.04	.04			.04		.91
16				.16		.08						
17				1.22		.04	.04			.51		
18				.39	.04	.04	.28					
19				.12	.16							
20	.04			.04	.08	.04						.28
21				.08		.04				.39		.04
22				.08	.04							
23	.04				.04					.08		
24	.04				.04		.08			.35		
25	.04				.04		.08					
26	.04											
27	.04				.04							
28	.04							.24				
29			.20		----						.16	
30				.04	----	.28						
31	.04	----	.04	.04	----	.04	----		----			----
SUM	0.59	0.08	0.24	2.52	1.06	1.06	0.83	0.24	0.28	4.33	1.85	2.24
ACC	0.79	0.87	1.10	3.62	4.76	5.83	6.65	6.89	7.17	11.50	13.35	15.59
MAX	0.16	0.04	0.20	1.22	0.16	0.28	0.28	0.24	0.28	1.34	1.10	0.91
NO.	12	2	2	14	16	14	10	1	1	11	5	7

Maximum Daily Rainfall	1.34
Maximum Monthly Rainfall	4.33
Total Annual Rainfall	15.59
Number of Days with Rain	95

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Horsethief Basin (gage # 5700) for Water Year 1989

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2					.08							
3						.04						.08
4						.04						
5	.16				.51	.04						
6				1.18	.08							
7				.28	.04					.16		
8				.04	.04					.35		
9												
10	.08											
11								.08			.12	
12	.12										.39	
13					.04							
14		.08										
15		.35			.04						.16	
16								.35			.20	
17											.28	
18												
19		.04	.12									
20			.08							.04		.04
21										.20		
22			.12							.04		
23			.04									
24			.04									
25		.12	.08	.20		.43						
26			.08	.12		.67				.04		
27		.04	.04	.20		.31				.55		
28			.04	.16								
29				.08	----					.12		
30				.04	----					.04		
31		----			----		----		----	.04		----
SUM	0.35	0.63	0.63	2.28	0.83	1.54	0.00	0.43	0.00	1.57	1.14	0.12
ACC	0.35	0.98	1.61	3.90	4.72	6.26	6.26	6.69	6.69	8.27	9.41	9.53
MAX	0.16	0.35	0.12	1.18	0.51	0.67	0.00	0.35	0.00	0.55	0.39	0.08
NO.	3	5	9	9	7	6	0	2	0	10	5	2

Maximum Daily Rainfall	1.18
Maximum Monthly Rainfall	2.28
Total Annual Rainfall	9.53
Number of Days with Rain	58

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Horsethief Basin (gage # 5700) for Water Year 1988

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	----	----	----								.04	
2	----	----	----		.75							
3	----	----		.04	.08	.04						
4	----	----				.04					.20	
5	----	----			.08						.28	
6	----	----			.04	.04						
7	----	----										
8	----	----	.04									
9	----	----										
10	----	----		.04						.04		
11	----	----				.04						.16
12	----	----			.04							
13	----	----										
14	----	----					.08					
15	----	----	.12	.04			.67					
16	----	----		.08			.16					
17	----	----	1.46	.08		.04	.08			.08		
18	----	----	.28	.71								
19	----	----	.28	.04						.12	.16	
20	----	----	.08								.55	
21	----	----	.04				.20				1.30	
22	----	----		.04			.31					
23	----	----	.04	.12								
24	----	----				.04				----		
25	----	----									.83	
26	----	----										
27	----	----								.16	.55	
28	----	----			.08				.04	.08	.75	
29	----	----	.04						.08		.43	
30	----	----	.08		----				.08			
31	----	----			----		----		----	.04	.16	----
SUM	----	----	2.44	1.18	1.06	0.24	1.50	0.00	0.20	0.51	5.24	0.16
ACC	----	----	2.44	3.62	4.69	4.92	6.42	6.42	6.61	7.13	12.36	12.52
MAX	----	----	1.46	0.71	0.75	0.04	0.67	0.00	0.08	0.16	1.30	0.16
NO.	----	----	10	9	6	6	6	0	3	6	11	1

Maximum Daily Rainfall	1.46
Maximum Monthly Rainfall	5.24
Partial Annual Rainfall	12.52
Number of Days with Rain	58

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Horsethief Basin (gage # 5700) for Water Year 1987

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	----	----									.08	
2	----	----										
3	----	----									.08	
4	----	----			.04						.47	.04
5	----	----		.16								
6	----	----	.43	.04				.04			.04	
7	----	----	.16						.16	.04		
8	----	----		.04								
9	----	----									.12	
10	----	----									.98	
11	----	----									.12	
12	----	----									.04	
13	----	----										
14	----	----						.04				
15	----	----						.20				
16	----	----	.16			.04						
17	----	----										
18	----	----										
19	----	----						.04				
20	----	----	.04	.04	.08			.04				
21	----	----	.08									
22	----	----									.28	
23	----	----									.31	
24	----				.04	.08					.31	
25	----										.75	
26	----				.04							
27	----											
28	----									.20		
29	----											.67
30	----											
31	----			.12								
SUM	----	0.00	0.87	0.39	0.20	0.12	0.20	0.35	0.16	0.24	3.58	0.71
ACC	----	0.00	0.87	1.26	1.46	1.57	1.77	2.13	2.28	2.52	6.10	6.81
MAX	----	0.00	0.43	0.16	0.08	0.08	0.20	0.20	0.16	0.20	0.98	0.67
NO.	----	0	5	5	4	2	1	5	1	2	12	2

Maximum Daily Rainfall	0.98
Maximum Monthly Rainfall	3.58
Partial Annual Rainfall	6.81
Number of Days with Rain	39

Station Installed 11/24/1986.