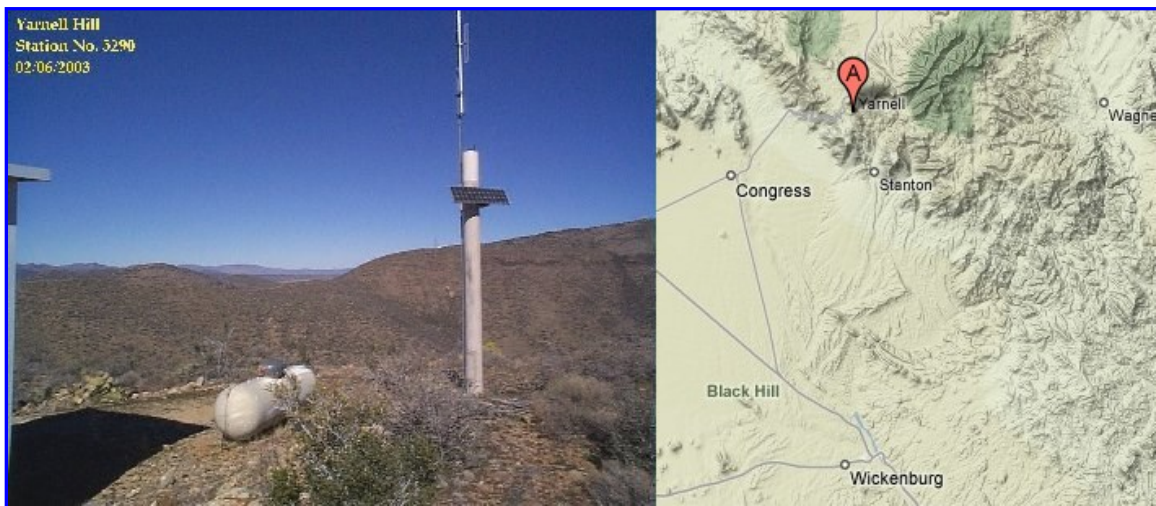
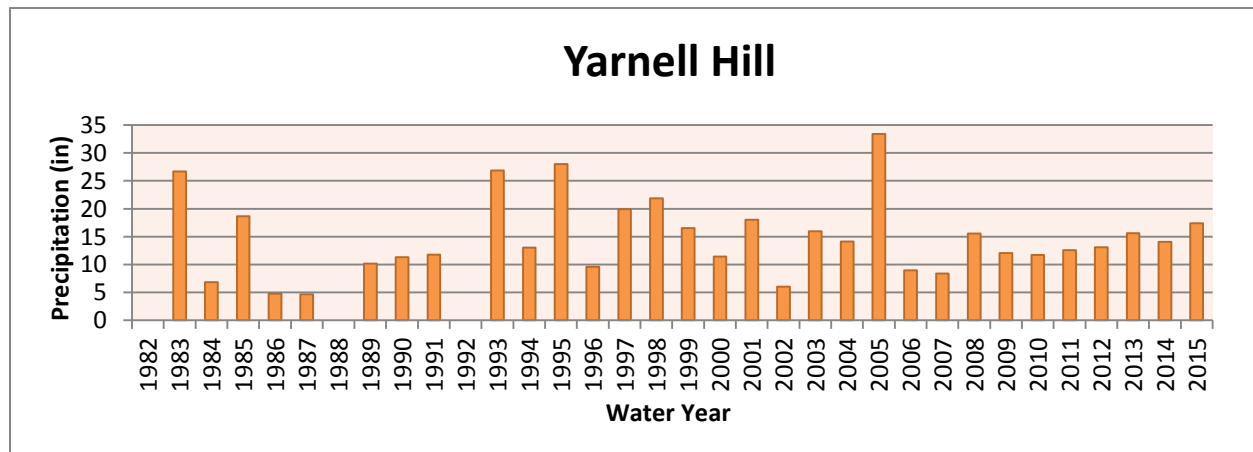




Station Name: Yarnell Hill

Station ID Number History:	5290 since 07/06/92 3620 from 10/01/91 - 07/06/92 0007 starting 07/13/81
Station Type:	Rain / Repeater
Data Begins:	07/13/1981
Years Since Installation:	34.22 (as of 10/01/15)
Data Repeater:	Direct
County:	Yavapai
Latitude:	34° 12' 21.4" (34.20593)
Longitude:	112° 44' 56.0" (112.74888)
Elevation:	5,080 ft. msl
Location:	1 mile ENE of Yarnell, 16 miles North of Wickenburg
Data Record:	
Incomplete Months:	01/92, 11/87
Missing Months:	10/87, 12/81
Remarks:	Records Fair; Good since 1993



Data Statistics for Period of Record:

Number of storms greater than 1 inch in 24 hours:	131	
Number of storms greater than 2 inches in 24 hours:	35	
Number of storms greater than 3 inches in 24 hours:	10	
		Approx. T_r
Greatest 15 minute total:	1.10" on 09/23/99	11 years
Greatest 1 hour total:	1.81" on 09/23/99	10 years
Greatest 3 hour total:	2.80" on 09/26/97	31 years
Greatest 6 hour total:	3.94" on 09/26/97	71 years
Greatest 24 hour total:	6.65" on 09/26/97	177 years
Greatest 72 hour total:	6.65" on 09/26/97	74 years

Water Year Totals: (Mean of Complete Water Years [31] = 14.82 inches)

Water Year	Total	Water Year	Total	Water Year	Total	Water Year	Total
2020		2010	11.73	2000	11.42	1990	11.34
2019		2009	12.05	1999	16.54	1989	10.16
2018		2008	15.59	1998	21.89	1988	M
2017		2007	8.39	1997	19.92	1987	4.65
2016		2006	8.98	1996	9.57	1986	4.79
2015	17.40	2005	33.43	1995	28.03	1985	18.67
2014	14.09	2004	14.13	1994	13.03	1984	6.87
2013	15.63	2003	15.94	1993	26.85	1983	26.85
2012	13.11	2002	6.06	1992	M	1982	M
2011	12.60	2001	18.03	1991	11.77	1981	M

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 Yarnell Hill (gage # 5290) for Water Year 2015

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1		.08				.87					.24		
2			.04			1.46							
3			.47	.12		.04							
4			1.54					.16					
5								.04					
6										.04			
7											.12		
8								.04				.35	
9	.16							.04					
10				.16					.16				
11											.83		
12											.12	.04	
13			.24	.20					.04			.08	
14								.20					
15								.79					
16								.08					
17			.39							.63			
18			.08							.71			
19						1.46				.16			
20													
21													
22					.12								
23					.47								
24													
25							.24						
26				.04			.24						
27				.39							.55		
28					.12				.75		.04		
29				.16	----								
30				1.18	----					.24			
31		----		.71	----		----		----	.04		----	
SUM	0.16	0.08	2.76	2.95	0.71	3.82	0.47	1.34	0.94	1.81	1.89	0.47	
ACC	0.16	0.24	2.99	5.94	6.65	10.47	10.94	12.28	13.23	15.04	16.93	17.40	
MAX	0.16	0.08	1.54	1.18	0.47	1.46	0.24	0.79	0.75	0.71	0.83	0.35	
NO.	1	1	6	8	3	4	2	7	3	6	6	3	
Maximum Daily Rainfall													1.54
Maximum Monthly Rainfall													3.82
Total Annual Rainfall													17.40
Number of Days with Rain													50

[Daily Rainfall](#) at Yarnell Hill (gage # 5290) for Water Year 2014

[illegible]

Flood Control District of Maricopa County ALERT System
Daily [Rainfall](#) at Yarnell Hill (gage # 5290) for Water Year 2013

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4												
5												
6											.04	.04
7												
8		.20				.28						.12
9		.04			.04	.20	.04					.12
10					.08							2.48
11												
12	.04				.16							
13			.16									
14			.55									
15			.55							.31		
16			.51									
17										.47		
18			.20							.16		
19										.08		
20					.16							
21					.16							
22											.24	
23												
24				.28							.47	
25				.20						.08	.20	
26				3.46						1.50	.24	
27				.79								
28				.16							.20	
29											.12	
30											.47	
31		----	.04		----		----		----		.04	----
SUM	0.04	0.24	2.01	4.88	0.59	0.47	0.04	0.00	0.00	2.60	2.01	2.76
ACC	0.04	0.28	2.28	7.17	7.76	8.23	8.27	8.27	8.27	10.87	12.87	15.63
MAX	0.04	0.20	0.55	3.46	0.16	0.28	0.04	0.00	0.00	1.50	0.47	2.48
NO.	1	2	6	5	5	2	1	0	0	6	9	4
							Maximum Daily Rainfall					3.46
							Maximum Monthly Rainfall					4.88
							Total Annual Rainfall					15.63
							Number of Days with Rain					41

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Yarnell Hill (gage # 5290) for Water Year 2012

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2			.16									
3			.08									
4	.04	.63	.04							.43		.24
5		.39	.04									
6	.20	.04										
7		.24										
8		----										
9		----										
10		----										.16
11		----								.12		1.06
12		-----	1.14									
13		.12	.43							.31		
14			.08				.20			1.38		
15										.04		
16											.16	
17			.08			.28					.31	
18			.28			.75					.16	
19						.55						
20												
21										.12	.04	
22										.31	2.01	
23				.04							.20	
24												
25												
26							.12					
27										----		
28												
29										.08	.08	
30					----							
31		----			----		----		----			----
SUM	0.24	1.42	2.32	0.04	0.00	1.58	0.32	0.00	0.00	2.80	2.95	1.46
ACC	0.24	1.65	3.98	4.02	4.02	5.59	5.91	5.91	5.91	8.70	11.65	13.11
MAX	0.20	0.63	1.14	0.04	0.00	0.75	0.20	0.00	0.00	1.38	2.01	1.06
NO.	2	5	9	1	0	3	2	0	0	8	7	3
							Maximum Daily Rainfall					2.01
							Maximum Monthly Rainfall					2.95
							Total Annual Rainfall					13.11
							Number of Days with Rain					40

Gage 5290 down from 11/07 11:59 (39) through 11/13 06:11 (39) for unknown reason; assume no rain fell.
Gage 5290 down from 7/26 15:00 (219) through 7/28 14:04 (219) due to repeater failure; no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Yarnell Hill (gage # 5290) for Water Year 2011

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1				.24								
2				.12								
3												
4	.28											
5	.12									.39		
6												
7												
8							.12			.28		
9							.43					
10							.12			.75		
11										.98		.04
12										.59		.28
13												.04
14												
15	.04											
16			.51									
17	.20											
18			.08									
19					.83							
20	.67				.20							
21		.91	.12		.12	.59						
22			1.65									
23			.08									
24												
25												
26					.16							
27					.24							
28												
29			.55		----					.39		
30			.43		----							
31		----			----		----		----	.08		----
SUM	1.30	0.91	3.43	0.35	1.54	0.59	0.67	0.00	0.00	3.46	0.00	0.35
ACC	1.30	2.20	5.63	5.98	7.52	8.11	8.78	8.78	8.78	12.24	12.24	12.60
MAX	0.67	0.91	1.65	0.24	0.83	0.59	0.43	0.00	0.00	0.98	0.00	0.28
NO.	5	1	7	2	5	1	3	0	0	7	0	3
Maximum Daily Rainfall												1.65
Maximum Monthly Rainfall												3.46
Total Annual Rainfall												12.60
Number of Days with Rain												34

Annual Total (mm): 320

Days Down: 0

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Yarnell Hill (gage # 5290) for Water Year 2010

[illegible]

Notes:

Annual rainfall in millimeters: 298

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Yarnell Hill (gage # 5290) for Water Year 2009

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2										.16		.04
3										.16		
4												.04
5												.98
6												
7					.75							
8					.47							
9		.08			1.30							
10					.16							
11					.08		1.26					.12
12												.08
13											.08	
14			.04									
15			.35									
16			.91									
17			1.06		.24				.04			
18			.16									
19												
20												
21											.12	
22			.04					.04		.28	.28	
23												
24			.08									
25			1.02							.24		
26		.31	.08									
27		.91										
28		.08										
29		.04			----							
30					----							
31		----			----		----		----			----
SUM	0.00	1.42	3.74	0.00	2.99	0.00	1.26	0.04	0.04	0.83	0.47	1.26
ACC	0.00	1.42	5.16	5.16	8.15	8.15	9.41	9.45	9.49	10.31	10.79	12.05
MAX	0.00	0.91	1.06	0.00	1.30	0.00	1.26	0.04	0.04	0.28	0.28	0.98
NO.	0	5	9	0	6	0	1	1	1	4	3	5
							Maximum Daily Rainfall					1.30
							Maximum Monthly Rainfall					3.74
							Total Annual Rainfall					12.05
							Number of Days with Rain					35

Notes:

Annual rainfall in millimeters: 306

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Yarnell Hill (gage # 5290) for Water Year 2008

[illegible]

Notes:

Annual rainfall in millimeters: 396

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Yarnell Hill (gage # 5290) for Water Year 2007

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1					.12							
2												
3												
4												
5												
6												
7												
8												
9												
10												
11					.04							
12							.04					
13					.08							
14	.55											
15											.24	
16										.04		
17												
18												
19				.20	.79							
20				.12	.71							
21												.04
22			.08	.04		.71				.31		1.89
23						.63						
24	.04					.08						
25										.04		
26												
27												
28			.12							.08		
29					----							
30				.04	----					.04	.20	
31		----		.51	----		----		----	.63		----
SUM	0.59	0.00	0.20	0.91	1.73	1.42	0.04	0.00	0.00	1.14	0.43	1.93
ACC	0.59	0.59	0.79	1.69	3.43	4.84	4.88	4.88	4.88	6.02	6.46	8.39
MAX	0.55	0.00	0.12	0.51	0.79	0.71	0.04	0.00	0.00	0.63	0.24	1.89
NO.	2	0	2	5	5	3	1	0	0	6	2	2
							Maximum Daily Rainfall					1.89
							Maximum Monthly Rainfall					1.93
							Total Annual Rainfall					8.39
							Number of Days with Rain					28

Notes:

Annual rainfall in millimeters: 213

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Yarnell Hill (gage # 5290) for Water Year 2006

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4											.04	
5							.20					
6										.43		.04
7										.47		.24
8									.04			.24
9											.24	.71
10												
11											.55	
12						.08					.16	.16
13						.31						.20
14												
15												
16								.63			.08	
17	.28											
18	1.73											
19	.04					.04						
20						.28						
21						.20					.16	
22								.08			.08	
23												
24											.39	
25										.12		
26												
27												
28					.04	.12	.08					
29					----	.24			.04			
30					----					.28		
31		----			----		----		----			----
SUM	2.05	0.00	0.00	0.00	0.04	1.26	0.28	0.71	0.08	1.30	1.69	1.57
ACC	2.05	2.05	2.05	2.05	2.09	3.35	3.62	4.33	4.41	5.71	7.40	8.98
MAX	1.73	0.00	0.00	0.00	0.04	0.31	0.20	0.63	0.04	0.47	0.55	0.71
NO.	3	0	0	0	1	7	2	2	2	4	8	6
							Maximum Daily Rainfall					1.73
							Maximum Monthly Rainfall					2.05
							Total Annual Rainfall					8.98
							Number of Days with Rain					35

Notes:

Annual rainfall in millimeters: 228

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Yarnell Hill (gage # 5290) for Water Year 2005

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3				1.10							.63	
4				1.42								
5			.31	.35		.16						
6			.31	.31	.16	.16						
7		1.10			.20						.04	
8		.43									.39	
9			.04								.63	
10				.12	.12							
11				.35	3.11							
12		.98			1.85						.67	
13												
14												
15					.04						.20	
16												
17					.31							
18					.79							
19					.67	1.34						
20		.08			.12	.04						
21	2.83	.98			.20					.08		
22		1.06			.67							
23		.16			.24		.59			1.06		
24					.24		.04					
25												
26				.79						.04		
27	.79			.20								
28	1.57		.59				.04					
29			2.09	.24	-----							
30				.08	-----					.28		
31		-----		.04	-----		-----		-----			-----
SUM	5.20	4.80	3.35	5.00	8.70	1.69	0.67	0.00	0.00	1.46	2.56	0.00
ACC	5.20	10.00	13.35	18.35	27.05	28.74	29.41	29.41	29.41	30.87	33.43	33.43
MAX	2.83	1.10	2.09	1.42	3.11	1.34	0.59	0.00	0.00	1.06	0.67	0.00
NO.	3	7	5	11	14	4	3	0	0	4	6	0
							Maximum Daily Rainfall					3.11
							Maximum Monthly Rainfall					8.70
							Total Annual Rainfall					33.43
							Number of Days with Rain					57

Notes:

Annual rainfall in millimeters: 849

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Yarnell Hill (gage # 5290) for Water Year 2004

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1							.12					
2							1.61					
3				.12	.08	.04	.04					
4						.12						
5						.12						
6												
7							.63				.16	
8												
9												
10											.04	
11		.08									.31	
12	-----	2.32	.59			.20						
13	-----	.04				.12						
14										.16		
15												
16		.04									.16	
17											.24	
18											.28	
19				.08	.04						.24	1.46
20				.04								
21												
22					.47							
23					1.14							
24					.43							
25										1.34		
26			.31							.71		
27					.20							
28				.04	.04							
29												
30					-----							
31		-----			-----		-----		-----			-----
SUM	0.00	2.48	0.91	0.28	2.40	0.59	2.40	0.00	0.00	2.20	1.42	1.46
ACC	0.00	2.48	3.39	3.66	6.06	6.65	9.06	9.06	9.06	11.26	12.68	14.13
MAX	0.00	2.32	0.59	0.12	1.14	0.20	1.61	0.00	0.00	1.34	0.31	1.46
NO.	0	4	2	4	7	5	4	0	0	3	7	1
							Maximum Daily Rainfall					2.32
							Maximum Monthly Rainfall					2.48
							Total Annual Rainfall					14.13
							Number of Days with Rain					37

Notes:

Annual rainfall in millimeters: 359

Total down-time: 2.78 days

Gage 5290 down from 10/11 15:12 (0) through 10/14 09:55 (0) due to battery failure; no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Yarnell Hill (gage # 5290) for Water Year 2003

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1						.28					.08	
2						.08						.12
3												
4						.04						.12
5												
6												.16
7												
8				.39								
9		.20										.20
10												
11												
12					.87							
13					2.87						.04	
14					.51						.75	
15						.28	.28				.12	
16						.75					.04	
17	.04		.31			.24						
18						.04	.04					
19											.08	
20				.08								
21			.04									
22			.04									
23			.04									
24			.04									
25					1.42							
26	1.02				1.18						.16	
27	.35				.51						.35	
28					.31							
29		.51	.04		-----						.12	
30		.71			-----					.12		
31		-----			-----		-----		-----			-----
SUM	1.42	1.42	0.51	0.47	7.68	1.69	0.31	0.00	0.00	0.12	1.73	0.59
ACC	1.42	2.83	3.35	3.82	11.50	13.19	13.50	13.50	13.50	13.62	15.35	15.94
MAX	1.02	0.71	0.31	0.39	2.87	0.75	0.28	0.00	0.00	0.12	0.75	0.20
NO.	3	3	6	2	7	7	2	0	0	1	9	4
							Maximum Daily Rainfall					2.87
							Maximum Monthly Rainfall					7.68
							Total Annual Rainfall					15.94
							Number of Days with Rain					44

Notes:

Total annual rainfall in millimeters: 405

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Yarnell Hill (gage # 5290) for Water Year 2002

[illegible]

Notes:

Total annual rainfall in millimeters: 154

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Yarnell Hill (gage # 5290) for Water Year 2001

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1						.04						
2												
3	.28											
4	.16	.31										
5												
6		.35				.12				.71		
7						1.85						
8				.12		.04				.04		
9				.31		.31					.31	
10	.04					.35					.04	
11				.08			.35					
12				.12								
13				.35	.12						.12	.16
14				.31	.39						1.18	
15					.35							.04
16					.08							
17				.12								
18												
19	.12											
20												
21	2.01						.31					
22	1.22											
23	.28											
24												
25												
26					.24							
27	2.17				.47							
28	.16			.08	.28							
29				.51	----							
30	.91			.12	----							
31		----			----		----		----			----
SUM	7.32	0.67	0.00	2.13	1.93	2.72	0.67	0.00	0.00	0.75	1.65	0.20
ACC	7.32	7.99	7.99	10.12	12.05	14.76	15.43	15.43	15.43	16.18	17.83	18.03
MAX	2.17	0.35	0.00	0.51	0.47	1.85	0.35	0.00	0.00	0.71	1.18	0.16
NO.	10	2	0	10	7	6	2	0	0	2	4	2
Maximum Daily Rainfall												2.17
Maximum Monthly Rainfall												7.32
Total Annual Rainfall												18.03
Number of Days with Rain												45

Notes:

Annual rainfall in millimeters: 458

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Yarnell Hill (gage # 5290) for Water Year 2000

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1											.04	
2												
3				.04								
4												
5						.98						
6												
7						.91					.63	
8						.12						
9												
10												
11												
12											.71	
13											.51	
14												
15												
16											.04	
17												
18												
19												
20									.63			
21					2.24							
22					.04				.08			
23									.12			
24					.16						.12	
25				.04							.04	
26												
27											.67	
28						.20						
29									.20		2.68	
30					----						.08	
31		----			----	.16	----		----			----
SUM	0.00	0.00	0.00	0.08	2.44	2.36	0.00	0.00	1.02	0.00	5.51	0.00
ACC	0.00	0.00	0.00	0.08	2.52	4.88	4.88	4.88	5.91	5.91	11.42	11.42
MAX	0.00	0.00	0.00	0.04	2.24	0.98	0.00	0.00	0.63	0.00	2.68	0.00
NO.	0	0	0	2	3	5	0	0	4	0	10	0
Maximum Daily Rainfall											2.68	
Maximum Monthly Rainfall											5.51	
Total Annual Rainfall											11.42	
Number of Days with Rain											24	

Notes:

Annual rainfall in millimeters: 290

Total down-time: 0 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Yarnell Hill (gage # 5290) for Water Year 1999

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2							.12		.67	.04		
3												
4					.47		.31					
5					.12		.08				.20	
6										.04		
7			.04			.35	.08					
8		.55	.04									
9			.04									
10										.55		
11										.04		
12										.39		
13												
14										2.17		.28
15										.55		.39
16						.31						.55
17						.39						
18										.47		
19											.28	
20												
21	.04											
22												.31
23												2.56
24							.04					
25				.20						.47		
26	.08									.04		
27				.04						.16		
28		.83									.35	
29		.04			----					.16		
30	.71				----						.51	
31		----			----		----		----		.47	----
SUM	0.83	1.42	0.12	0.24	0.59	1.06	0.63	0.00	0.67	5.08	1.81	4.09
ACC	0.83	2.24	2.36	2.60	3.19	4.25	4.88	4.88	5.55	10.63	12.44	16.54
MAX	0.71	0.83	0.04	0.20	0.47	0.39	0.31	0.00	0.67	2.17	0.51	2.56
NO.	3	3	3	2	2	3	5	0	1	12	5	5
Maximum Daily Rainfall												2.56
Maximum Monthly Rainfall												5.08
Total Annual Rainfall												16.54
Number of Days with Rain												44

Notes:

Annual rainfall in millimeters: 420

Total down-time: 0 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Yarnell Hill (gage # 5290) for Water Year 1998

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			.08				.28					.79
2							.24					.20
3				.20	.47							
4				1.14	1.02							.59
5				.04						.16		
6			1.10		.04					.04	.08	.12
7			1.14		.04		.04				.28	
8			.16		1.02						.47	
9				.08	.87					.28		.08
10				.51								.16
11												
12							.63					
13		.08						.35			.55	
14		.16	.08		.43	.04						
15					.51						.04	
16											.08	
17						.39				.08	.12	
18					.20							
19										.24		
20			.04		.31			.16				
21			.43									
22			.35							.59		
23			.04									
24			.04		.55						.20	
25					.16						.75	
26						1.38						
27												
28						.51						
29				.08		.20						
30				.04								
31											.39	
SUM	0.00	0.24	3.46	2.09	5.63	2.52	1.18	0.51	0.00	1.38	2.95	1.93
ACC	0.00	0.24	3.70	5.79	11.42	13.94	15.12	15.63	15.63	17.01	19.96	21.89
MAX	0.00	0.16	1.14	1.14	1.02	1.38	0.63	0.35	0.00	0.59	0.75	0.79
NO.	0	2	10	7	12	5	4	2	0	6	10	6
							Maximum Daily Rainfall					1.38
							Maximum Monthly Rainfall					5.63
							Total Annual Rainfall					21.89
							Number of Days with Rain					64

Notes:

Annual rainfall in millimeters: 556

Total down-time: 0 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Yarnell Hill (gage # 5290) for Water Year 1997

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												.31
2							.24				.20	
3				.20			.79				.20	
4							.43					
5												.71
6												.04
7											.16	
8										1.06		
9										.04		.28
10			.20									
11												
12				.35								
13				.75								.04
14	.04			.04							.12	
15												.04
16												
17											.35	
18												
19												
20								.24				
21												
22		.24								.31		
23												
24					.12							
25											.04	3.03
26		.16		2.32								3.62
27				.20	1.46							
28					.16							
29											.91	
30										.47	.08	
31												
SUM	0.04	0.39	0.20	3.86	1.73	0.00	1.46	0.24	0.00	0.79	3.15	8.07
ACC	0.04	0.43	0.63	4.49	6.22	6.22	7.68	7.91	7.91	8.70	11.85	19.92
MAX	0.04	0.24	0.20	2.32	1.46	0.00	0.79	0.24	0.00	0.47	1.06	3.62
NO.	1	2	1	6	3	0	3	1	0	2	10	8
							Maximum Daily Rainfall					3.62
							Maximum Monthly Rainfall					8.07
							Total Annual Rainfall					19.92
							Number of Days with Rain					37

Notes:

Annual rainfall in millimeters: 506

Total down-time: 0 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Yarnell Hill (gage # 5290) for Water Year 1996

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		1.14			.31					.04		
2											.28	
3										.04		
4												
5												1.42
6		.28										
7												
8												
9												.43
10												.16
11										.04		.20
12												
13						.51						.55
14						.51				1.10		
15												
16										.24		
17												
18												
19												
20												
21												
22					.12							
23												
24											.04	
25					.08					.20	.04	
26											.35	
27					.28					.47	.08	
28					.04					.35	.16	
29											.08	
30				.04								
31												
SUM	0.00	1.42	0.00	0.04	0.83	1.02	0.00	0.00	0.00	2.48	1.02	2.76
ACC	0.00	1.42	1.42	1.46	2.28	3.31	3.31	3.31	3.31	5.79	6.81	9.57
MAX	0.00	1.14	0.00	0.04	0.31	0.51	0.00	0.00	0.00	1.10	0.35	1.42
NO.	0	2	0	1	5	2	0	0	0	8	7	5
Maximum Daily Rainfall												1.42
Maximum Monthly Rainfall												2.76
Total Annual Rainfall												9.57
Number of Days with Rain												30

Notes:

Annual Rainfall in mm: 243

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Yarnell Hill (gage # 5290) for Water Year 1995

[illegible]

Notes:

Annual rainfall in mm: 712

Daily Rainfall at Yarnell Hill (gauge # 5290) for Water Year 1994

[illegible]

Notes:

Annual rainfall in mm: 331

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Yarnell Hill (gage # 5290) for Water Year 1993

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1						.63						
2				.04								
3			.12	.08								
4			.98								.12	
5											.08	
6				1.85					.12		.31	
7				2.87								
8			.67	.75	2.28							
9					.91							
10				1.10								
11												
12				.04								.24
13				.08								.04
14				1.18	.08			.04				
15				.12	.04			.08				
16				1.22								
17				.71								
18			.08	1.30	.04							
19				.35	1.46							
20					.35							
21												
22												
23												
24	.12				.04	.04					.08	
25											.12	
26						.67					1.50	
27			.43		.51	.47						
28	.08		.71		.28	.31					.24	
29			.39								.12	
30			.04	.04							.28	
31	.04											
SUM	0.24	0.00	3.43	11.73	5.98	2.13	0.00	0.12	0.12	0.00	2.83	0.28
ACC	0.24	0.24	3.66	15.39	21.38	23.50	23.50	23.62	23.74	23.74	26.57	26.85
MAX	0.12	0.00	0.98	2.87	2.28	0.67	0.00	0.08	0.12	0.00	1.50	0.24
NO.	3	0	8	15	10	5	0	2	1	0	9	2
Maximum Daily Rainfall												2.87
Maximum Monthly Rainfall												11.73
Total Annual Rainfall												26.85
Number of Days with Rain												55

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Yarnell Hill (gage # 5290) for Water Year 1992

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1							.12				.16	
2			.28			.67	.16					
3				.83		.39					.08	
4				.12		.20		.55				
5				.31				.12				
6				.55	.16							
7				.12	1.34	.12				.04		
8					.08	.87						
9					.04	.55		.24				
10		.39	.59		.35							
11					.08							
12					.12							
13					1.85							
14		.04										
15		.16			.04							
16		.24			.12							
17												
18			.24									
19			.24									.04
20											.16	
21			.16			.35		.08			.24	
22			.12								.91	
23						.04		.04			.91	
24										.63		
25								.16		.39		
26												
27	.55					1.26						
28						.04						
29						.04						
30			.35			.16		.04				
31						.16						
SUM	0.55	0.83	1.97	1.93	4.17	4.84	0.28	1.22	0.00	1.06	2.44	0.04
ACC	0.55	1.38	3.35	5.28	9.45	14.29	14.57	15.79	15.79	16.89	19.33	19.37
MAX	0.55	0.39	0.59	0.83	1.85	1.26	0.16	0.55	0.00	0.63	0.91	0.04
NO.	1	4	7	5	10	13	2	7	0	3	6	1
Maximum Daily Rainfall												1.85
Maximum Monthly Rainfall												4.84
Partial Annual Rainfall												19.37
Number of Days with Rain												59

Gage was down from Jan 13 through Jan 24, events missed, inaccurate monthly and annual totals.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Yarnell Hill (gage # 5290) for Water Year 1991

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.47					2.05			.08			
2												
3				.20								
4				.94								
5				.12	.04							.20
6												
7												
8												
9												
10											.51	
11											.35	
12												
13												
14						.08						
15						.04						
16						.31						
17												
18												
19	.04					.35						
20		.35				.04				.08		
21						.12						
22						.55						
23												
24												
25												
26		.16				1.06						
27					.12						.08	
28			.28		2.68	.20					.08	
29			.16							.04		
30												
31												
SUM	0.51	0.51	0.43	1.26	2.83	4.80	0.00	0.00	0.08	0.12	1.02	0.20
ACC	0.51	1.02	1.46	2.72	5.55	10.35	10.35	10.35	10.43	10.55	11.57	11.77
MAX	0.47	0.35	0.28	0.94	2.68	2.05	0.00	0.00	0.08	0.08	0.51	0.20
NO.	2	2	2	3	3	10	0	0	1	2	4	1
							Maximum Daily Rainfall					2.68
							Maximum Monthly Rainfall					4.80
							Total Annual Rainfall					11.77
							Number of Days with Rain					30

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Yarnell Hill (gage # 5290) for Water Year 1990

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1					.08		.04					
2					.20						.08	
3	.08											1.18
4							.20					
5												1.22
6										.59	.08	
7										.04		
8					----					.12		
9					----							
10					----	.12			.12			
11					----	.67					.04	
12	----				----							
13	----									.08		
14	----			.55		.04				.04	.47	
15	----									.04	.04	.24
16	----											
17	----									.04		
18	----			.12	.47		.04					
19				.12	.04							
20				.12	.24							
21	.63									.08		.31
22										.12		
23												
24							.24			.04		
25												
26												
27												
28			.43					.47				
29			.28		----	.75						
30		----			----	.35					.04	
31		----		.08	----		----		----			----
SUM	0.71	0.00	0.71	0.98	1.02	1.93	0.51	0.47	0.12	1.18	0.75	2.95
ACC	0.71	0.71	1.42	2.40	3.43	5.35	5.87	6.34	6.46	7.64	8.39	11.34
MAX	0.63	0.00	0.43	0.55	0.47	0.75	0.24	0.47	0.12	0.59	0.47	1.22
NO.	2	0	2	5	5	5	4	1	1	10	6	4
							Maximum Daily Rainfall					1.22
							Maximum Monthly Rainfall					2.95
							Total Annual Rainfall					11.34
							Number of Days with Rain					45

Daily Rainfall at Yarnell Hill (gage # 5290) for Water Year 1989

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3				.04								
4				1.89	.12							
5				.04	.28							
6				.08								
7										.35	.04	
8										.63		
9												
10	.43										.04	
11												
12												
13							.04				.04	
14												
15												
16								.16			1.30	
17											.28	
18												
19			.04									
20												
21			.08									
22												
23												
24		.31		.12								
25		.04		.08		.91						
26		.43	.08	.04		.63						
27			.04	.20		.08				.59		
28												
29										.24		
30										.47		
31										.04		
SUM	0.43	0.79	0.24	2.48	0.39	1.61	0.04	0.16	0.00	2.32	1.69	0.00
ACC	0.43	1.22	1.46	3.94	4.33	5.94	5.98	6.14	6.14	8.46	10.16	10.16
MAX	0.43	0.43	0.08	1.89	0.28	0.91	0.04	0.16	0.00	0.63	1.30	0.00
NO.	1	3	4	8	2	3	1	1	0	6	5	0
							Maximum Daily Rainfall					1.89
							Maximum Monthly Rainfall					2.48
							Total Annual Rainfall					10.16
							Number of Days with Rain					34

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Yarnell Hill (gage # 5290) for Water Year 1988

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2					.79	.16						
3												
4												
5			.35	.31								
6												
7												
8												
9												
10										.16		.12
11												
12												
13												
14			.16				.04					
15			.12				.87					
16							.20					
17			.67	.31			.43					
18			.04									
19			.35						.08		.08	
20				.04			.08			1.10	.24	
21				.20			1.14				1.30	
22							.87					
23												
24												
25										.16	.47	
26					.16							
27									.04	.04	.67	
28									.04	.12		
29											.16	
30											.08	
31												
SUM	----	0.00	1.69	0.87	0.94	0.16	3.62	0.00	0.16	1.57	2.99	0.12
ACC	----	0.00	1.69	2.56	3.50	3.66	7.28	7.28	7.44	9.02	12.01	12.13
MAX	----	0.00	0.67	0.31	0.79	0.16	1.14	0.00	0.08	1.10	1.30	0.12
NO.	0	0	6	4	2	1	7	0	3	5	7	1
							Maximum Daily Rainfall					1.30
							Maximum Monthly Rainfall					3.62
							Partial Annual Rainfall					12.13
							Number of Days with Rain					36

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Yarnell Hill (gage # 5290) for Water Year 1987

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												.01
2												
3												
4							.11					.01
5	.01			.30								
6			.12									
7			.64			.03			.01			
8				.16								
9	.02			.01				.01				
10	.01							.03				
11								.01				
12												
13												
14												
15						.05		.08				
16			.16			.05				.03		
17			.20									
18		.02	.01									
19								.01		.01		
20			.39							.01		
21												
22						.03						.04
23											.01	
24											.22	
25												
26					1.45							
27					.12		.03			.01		
28					.17					.01		
29												
30												
31				.04						.01		
SUM	0.04	0.02	1.52	0.51	1.74	0.16	0.14	0.14	0.01	0.08	0.23	0.06
ACC	0.04	0.06	1.58	2.09	3.83	3.99	4.13	4.27	4.28	4.36	4.59	4.65
MAX	0.02	0.02	0.64	0.30	1.45	0.05	0.11	0.08	0.01	0.03	0.22	0.04
NO.	3	1	6	4	3	4	2	5	1	6	2	3
							Maximum Daily Rainfall					1.45
							Maximum Monthly Rainfall					1.74
							Total Annual Rainfall					4.65
							Number of Days with Rain					40

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Yarnell Hill (gage # 5290) for Water Year 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3					.01							
4					.03							
5					.02							
6					.19							
7				.22	.10						.18	
8			.71	2.23						.29	.02	
9				.01	.03							
10			.26		.04	.06						
11			1.02			.08						
12	.02		1.03							.09		
13												
14						.01						
15						.28				.28		
16			.25			.09				.50		
17	.02		.46									
18		.02								.53		.02
19			.19			.11	.09			.02		.59
20			.09		.01		.09			.04	.16	.41
21					.19		.17					
22		.50		.15								
23		.21		.25								
24		1.08							.02			
25		.88										
26			.21				.04					
27			2.02				.16				.01	.01
28			.51	.53		.03	.09					
29			.03	.27						.38		
30										.03		
31												
SUM	0.04	2.69	6.78	3.66	0.62	0.66	0.64	0.00	0.02	2.16	0.37	1.03
ACC	0.04	2.73	9.51	13.17	13.79	14.45	15.09	15.09	15.11	17.27	17.64	18.67
MAX	0.02	1.08	2.02	2.23	0.19	0.28	0.17	0.00	0.02	0.53	0.18	0.59
NO.	2	5	12	7	9	7	6	0	1	9	4	4
							Maximum Daily Rainfall					2.23
							Maximum Monthly Rainfall					6.78
							Total Annual Rainfall					18.67
							Number of Days with Rain					66

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Yarnell Hill (gage # 5290) for Water Year 1984

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.67		.17							.44		
2										.01		
3			.58									
4			.50									
5	.12			.12								
6							.38					
7	.03						.01				.01	
8	.01										.01	
9												
10												.12
11										.06		
12										.27		
13												
14												
15										.11		
16												
17												
18												
19												
20		.15							.03			
21		.02							.04	1.03		
22												
23												
24												
25		.20	.94						.08			
26		.04	.34							.01		
27			.12						.22	.01		
28			.01									
29												
30									.01			
31												
SUM	0.83	0.41	2.66	0.12	0.00	0.00	0.39	0.00	0.38	1.94	0.02	0.12
ACC	0.83	1.24	3.90	4.02	4.02	4.02	4.41	4.41	4.79	6.73	6.75	6.87
MAX	0.67	0.20	0.94	0.12	0.00	0.00	0.38	0.00	0.22	1.03	0.01	0.12
NO.	4	4	7	1	0	0	2	0	5	8	2	1
							Maximum Daily Rainfall					1.03
							Maximum Monthly Rainfall					2.66
							Total Annual Rainfall					6.87
							Number of Days with Rain					34

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Yarnell Hill (gage # 5290) for Water Year 1983

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			.04								.01	
2			.04			1.39						
3					.49	1.85					.01	
4					.46	.71					.79	
5					.20							
6											.01	.06
7					.60	.02						
8			.52		.34						.05	
9			.62							.13	.24	
10		.18	.81									
11		.05										
12												
13											.12	
14												
15											.20	1.13
16											.79	.01
17		.72				.21					1.76	
18		.39				.08					.02	
19		.02		.06		.10						.07
20							.21					.46
21						.29	.56			.35		
22			.10			.10						.18
23			.29			.02						.83
24				.01		.28						1.34
25			.01									
26					.04							.01
27				.50	.01					.17		
28				.03	.03						.61	
29		.06		.80			.01				.16	.35
30		2.19					.08					1.47
31												
SUM	0.00	3.61	2.43	1.40	2.17	5.05	0.86	0.00	0.00	0.65	4.77	5.91
ACC	0.00	3.61	6.04	7.44	9.61	14.66	15.52	15.52	15.52	16.17	20.94	26.85
MAX	0.00	2.19	0.81	0.80	0.60	1.85	0.56	0.00	0.00	0.35	1.76	1.47
NO.	0	7	8	5	8	11	4	0	0	3	13	11
							Maximum Daily Rainfall					2.19
							Maximum Monthly Rainfall					5.91
							Total Annual Rainfall					26.85
							Number of Days with Rain					70

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Yarnell Hill (gage # 5290) for Water Year 1982

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.33			.61				.37			.22	
2	.01			.01		.03	.03	.01				
3				.08								
4								.27				
5				.04				.50				
6												
7										.12		
8												
9												
10				.05	1.07							.14
11				.05	.84	.86		.08				
12				.09		.38		.13			.62	
13						.70						
14						.39						
15						.91						
16						.01						
17												
18						.34						
19						.47						
20						.06						
21												
22				.17						.30	.16	
23		.01		.31							.03	
24				.03	.43					.03	.01	
25												
26						.90					.01	
27		.31								.07		
28		4.65								.21		
29		.04		.02								
30												
31										.09		
SUM	0.34	5.01	----	1.46	2.34	5.05	0.03	1.36	0.00	0.82	1.05	0.14
ACC	0.34	5.35	5.35	6.81	9.15	14.20	14.23	15.59	15.59	16.41	17.46	17.60
MAX	0.33	4.65	----	0.61	1.07	0.91	0.03	0.50	0.00	0.30	0.22	0.14
NO.	2	4	----	11	3	11	1	6	0	6	6	1
							Maximum Daily Rainfall					4.65
							Maximum Monthly Rainfall					5.05
							Partial Annual Rainfall					17.60
							Number of Days with Rain					51

Daily Rainfall at Yarnell Hill (gage # 5290) for Water Year 1981

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1											.38	.47
2												
3											.01	
4												
5												
6												.28
7												
8												.29
9												
10											.04	
11												
12												
13												
14										1.76	.18	
15										.20		
16												
17												
18												.53
19												
20												
21												
22												.48
23												
24											.12	
25												
26												
27												
28												
29										.07		
30										.04		
31										.69		
SUM	----	----	----	----	----	----	----	----	----	2.76	0.73	2.05
ACC	----	----	----	----	----	----	----	----	----	2.76	3.49	5.54
MAX	----	----	----	----	----	----	----	----	----	1.76	0.38	0.53
NO.	----	----	----	----	----	----	----	----	----	5	5	5
							Maximum Daily Rainfall				1.76	
							Maximum Monthly Rainfall				2.76	
							Partial Annual Rainfall				5.54	
							Number of Days with Rain				15	

Gage installed July 13, 1981.