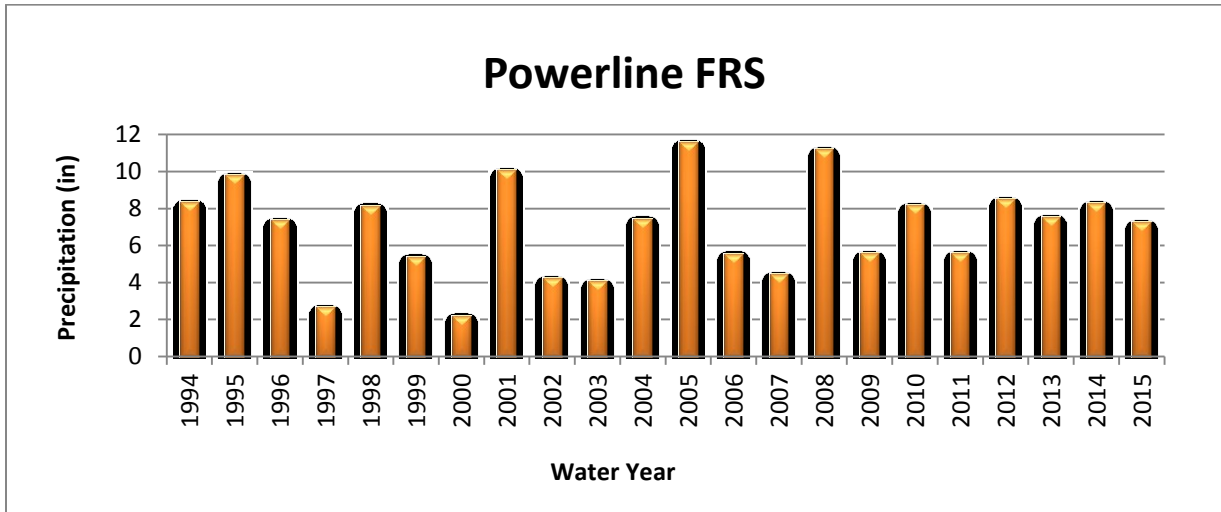




Station Name: Powerline FRS

Station ID Number History:	6680 since 12/03/92
Station Type:	Rain / Stage
Data Begins:	12/03/1992
Years Since Installation:	22.83 (as of 10/01/15)
Data Repeater:	Sacaton Peak
County:	Pinal
Latitude:	33° 21' 16.7" (33.35463)
Longitude:	111° 32' 45.5" (111.54598)
Elevation:	1,580 ft. msl
Location:	Alignments of Idaho Rd. and Warner Rd.
Data Record:	
Incomplete Months:	None
Missing Months:	None
Remarks:	Records Good



Data Statistics for Period of Record:

Number of storms greater than 1 inch in 24 hours:	31	
Number of storms greater than 2 inches in 24 hours:	5	
Number of storms greater than 3 inches in 24 hours:	0	
		Approx. T_r
Greatest 15 minute total:	0.67" on 09/27/14	6 years
Greatest 1 hour total:	1.30" on 09/27/14	11 years
Greatest 3 hour total:	1.85" on 09/27/14	30 years
Greatest 6 hour total:	1.93" on 09/27/14	21 years
Greatest 24 hour total:	2.28" on 02/11/05	10 years
Greatest 72 hour total:	3.27" on 11/15/93	20 years

Water Year Totals: (Mean of Complete Water Years [22] = 6.97 inches)

Water Year	Total	Water Year	Total	Water Year	Total
2020		2010	8.19	2000	2.20
2019		2009	5.59	1999	5.39
2018		2008	11.22	1998	8.15
2017		2007	4.45	1997	2.64
2016		2006	5.55	1996	7.36
2015	7.24	2005	11.57	1995	9.80
2014	8.27	2004	7.44	1994	8.35
2013	7.52	2003	4.06	1993	M
2012	8.50	2002	4.21	1992	
2011	5.59	2001	10.04	1991	

M: One or more months contain partial or missing data

Design Rainfall for this Geographic Location:

Click this [link](#) for Point Precipitation Frequency Estimates (Annual Maximum Series) in Tabular and Graphical Formats from NOAA Atlas 14, Volume I, Version 5

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Powerline FRS (gage # 6680) for Water Year 2015

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1				.04								
2						.47						
3										.04		
4			.63					.04				
5									.20			
6									.04			
7											.20	
8	.24											
9	.04											
10									.04			
11											.31	
12												
13			.16	.12								
14												
15								.94				
16								.04				
17			.08									
18						.16				.08		
19						.08				.04		
20												
21												.24
22												.47
23												
24							.28					
25							.04					
26				.04			.16					
27				.04								
28												
29				.16	----							
30				1.26	----						.16	
31		----	.28		----		----		----		.16	----
SUM	0.28	0.00	1.14	1.65	0.00	0.71	0.47	1.02	0.28	0.16	0.83	0.71
ACC	0.28	0.28	1.42	3.07	3.07	3.78	4.25	5.28	5.55	5.71	6.54	7.24
MAX	0.24	0.00	0.63	1.26	0.00	0.47	0.28	0.94	0.20	0.08	0.31	0.47
NO.	2	0	4	6	0	3	3	3	3	3	4	2
											Maximum Daily Rainfall	1.26
											Maximum Monthly Rainfall	1.65
											Total Annual Rainfall	7.24
											Number of Days with Rain	33

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Powerline FRS (gage # 6680) for Water Year 2014

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1						.83							
2						.04					.04		
3													
4		.04											
5		.04											
6												.04	
7													
8												2.13	
9												.04	
10	.04										.12	.04	
11													
12											.24		
13													
14													
15													
16													
17													
18											.08		
19											.08		
20			.43										
21		.28											
22		1.06											
23		.63											
24													
25										.12			
26													
27												1.97	
28													
29							----						
30							----						
31		----						----		----		----	
SUM	0.04	2.05	0.43	0.00	0.00	0.87	0.00	0.00	0.00	0.00	0.67	4.21	
ACC	0.04	2.09	2.52	2.52	2.52	3.39	3.39	3.39	3.39	3.39	4.06	8.27	
MAX	0.04	1.06	0.43	0.00	0.00	0.83	0.00	0.00	0.00	0.00	0.24	2.13	
NO.	1	5	1	0	0	2	0	0	0	0	6	5	
												Maximum Daily Rainfall	2.13
												Maximum Monthly Rainfall	4.21
												Total Annual Rainfall	8.27
												Number of Days with Rain	20

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Powerline FRS (gage # 6680) for Water Year 2013

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1				----								
2												
3												
4												
5												
6											.16	
7												
8						.75	.08					.20
9		.24			.04	.08						.35
10		.28										
11												
12										.16		
13			.24									
14			.20									
15			.71									
16												
17												
18												
19			.20									
20					.43					.08		
21										.04		
22												
23												
24			----								.04	
25			----									
26			----	1.14						.04		
27			----	.08						.55		
28			----									
29			----		----							
30			----		----						1.46	
31		----	----		----		----		----			----
SUM	0.00	0.51	1.34	1.22	0.47	0.83	0.08	0.00	0.00	0.87	1.65	0.55
ACC	0.00	0.51	1.85	3.07	3.54	4.37	4.45	4.45	4.45	5.31	6.97	7.52
MAX	0.00	0.28	0.71	1.14	0.43	0.75	0.08	0.00	0.00	0.55	1.46	0.35
NO.	0	2	4	2	2	2	1	0	0	5	3	2
							Maximum Daily Rainfall				1.46	
							Maximum Monthly Rainfall				1.65	
							Total Annual Rainfall				7.52	
							Number of Days with Rain				23	

Gage 6680 down from 12/23 10:09 (47) through 01/02 09:59 (47) for unknown reason; no rain fell.

Flood Control District of Maricopa County ALERT System Daily Rainfall at Powerline FRS (gage # 6680) for Water Year 2012

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3			.16									
4												1.14
5		.31										
6												
7		.08										.87
8												
9								.12				
10										.12		.20
11												.04
12			.59							.04		
13		.04	.91									
14					.08		.12			.55		
15												
16				.04							.08	
17												
18			.04			.94						
19												
20												
21										.08	.12	
22											.16	
23											.75	
24		.08						----				
25								----				
26	.16						.08	----				
27	.04											
28										.12		
29									----	.47		
30					----				----			
31		----			----		----		----			----
SUM	0.20	0.51	1.69	0.04	0.08	0.94	0.20	0.12	0.00	1.38	1.10	2.24
ACC	0.20	0.71	2.40	2.44	2.52	3.47	3.66	3.78	3.78	5.16	6.26	8.50
MAX	0.16	0.31	0.91	0.04	0.08	0.94	0.12	0.12	0.00	0.55	0.75	1.14
NO.	2	4	4	1	1	1	2	1	0	6	4	4
							Maximum Daily Rainfall					1.14
							Maximum Monthly Rainfall					2.24
							Total Annual Rainfall					8.50
							Number of Days with Rain					30

Gage 6680 down from 05/23 21:00 (96) through 05/27 21:00 (96) due to data collision; no rain fell.
 Gage 6680 down from 06/28 13:28 (96) through 07/01 07:28 (93) due to data collision; no rain fell.

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Powerline FRS (gage # 6680) for Water Year 2010

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4												
5												
6												
7			.39		.08	.55						
8			.16			.16				.04		
9						.04				.12		
10												
11												
12												
13												
14												
15												
16												
17											.67	
18												
19				.79								
20				.08	.12							
21				1.46	.24						.71	
22			.12	.24	.28					.08	.04	
23				.04		.16						
24												
25												
26									----			
27				.08						.43		
28				.20	.63							
29				.12	----							
30					----					.12		
31		----			----		----		----	.08		----
SUM	0.00	0.00	0.67	2.99	1.34	0.91	0.00	0.00	0.00	0.87	1.42	0.00
ACC	0.00	0.00	0.67	3.66	5.00	5.91	5.91	5.91	5.91	6.77	8.19	8.19
MAX	0.00	0.00	0.39	1.46	0.63	0.55	0.00	0.00	0.00	0.43	0.71	0.00
NO.	0	0	3	8	5	4	0	0	0	6	3	0
											Maximum Daily Rainfall	1.46
											Maximum Monthly Rainfall	2.99
											Total Annual Rainfall	8.19
											Number of Days with Rain	29

Notes:

Annual rainfall in millimeters: 208

Gage 6680 down from 06/25 03:05 (150) through 06/27 15:05 (150) due to battery failure; no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Powerline FRS (gage # 6680) for Water Year 2009

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2										.08		
3												.59
4	.12			.04								
5				.04								1.06
6												
7												
8					.39							
9					.24							
10					.04							
11							.24					
12							.04					
13											.04	
14												
15												
16			.43									
17			.31		.08							
18			.08							.12		
19												
20												
21										.04		
22			.16	.04				.08				
23		----	.20	.04						.16		
24		----										
25			.08									
26		.35	.28			----						
27		.24				----						
28						----						
29					----	----						
30					----	----						
31		----			----	----	----	----	----			----
SUM	0.12	0.59	1.54	0.16	0.75	0.00	0.28	0.08	0.00	0.39	0.04	1.65
ACC	0.12	0.71	2.24	2.40	3.15	3.15	3.43	3.50	3.50	3.90	3.94	5.59
MAX	0.12	0.35	0.43	0.04	0.39	0.00	0.24	0.08	0.00	0.16	0.04	1.06
NO.	1	2	7	4	4	0	2	1	0	4	1	2
							Maximum Daily Rainfall					1.06
							Maximum Monthly Rainfall					1.65
							Total Annual Rainfall					5.59
							Number of Days with Rain					28

Notes:

Annual rainfall in millimeters: 142 Total down-time: 8.11 days
 Gage 6680 down from 11/22 05:19 (3) through 11/24 08:03 (3) due to battery failure; no rain fell.
 Gage 6680 down from 3/25 14:06 (80) through 3/31 14:07 (80) due to failure of Sacaton repeater, no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Powerline FRS (gage # 6680) for Water Year 2007

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1								.04				.55
2												
3												
4												
5				.04								
6	.16											
7												
8												
9												
10												
11												
12							.12					
13					.04		.04					
14	.04											
15												
16											.12	.08
17												
18												
19				.20	.20							
20												
21				.16			.08			.20		
22			.12			.71				.04		
23						.12						
24						.08				.08		
25											.12	
26												
27			.04									
28			.04							.24		
29												
30				.04	----					.16	.08	
31		----		.43	----		----		----	.04	.08	----
SUM	0.20	0.00	0.20	0.87	0.24	0.91	0.24	0.04	0.00	0.75	0.39	0.63
ACC	0.20	0.20	0.39	1.26	1.50	2.40	2.64	2.68	2.68	3.43	3.82	4.45
MAX	0.16	0.00	0.12	0.43	0.20	0.71	0.12	0.04	0.00	0.24	0.12	0.55
NO.	2	0	3	5	2	3	3	1	0	6	4	2
Maximum Daily Rainfall												0.71
Maximum Monthly Rainfall												0.91
Total Annual Rainfall												4.45
Number of Days with Rain												31

Notes:

Annual rainfall in millimeters: 113

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Powerline FRS (gage # 6680) for Water Year 2004

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2							1.50					
3					.20							.04
4						.79						
5						.39						
6												
7												
8												
9												
10												
11			.12									
12		.51	.04									
13										.04		
14												
15												
16										.20	1.02	
17											.04	
18											.04	.08
19												.20
20												
21				.12								
22				.31								
23				.04	.51							
24				.04						.43		
25				.24						.55		
26												
27												
28												
29												
30												
31												
SUM	0.00	0.51	0.16	0.75	0.71	1.18	1.50	0.00	0.00	1.22	1.10	0.31
ACC	0.00	0.51	0.67	1.42	2.13	3.31	4.80	4.80	4.80	6.02	7.13	7.44
MAX	0.00	0.51	0.12	0.31	0.51	0.79	1.50	0.00	0.00	0.55	1.02	0.20
NO.	0	1	2	5	2	2	1	0	0	4	3	3
							Maximum Daily Rainfall					1.50
							Maximum Monthly Rainfall					1.50
							Total Annual Rainfall					7.44
							Number of Days with Rain					23

Notes:

Annual rainfall in millimeters: 189

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Powerline FRS (gage # 6680) for Water Year 2003

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1						.04					.08	.04
2												
3												
4												
5												
6												.04
7												.04
8					.04							
9												.04
10												
11												
12					.04							
13					.63						.08	
14					.20						.39	
15					.04		.20					
16						.63						
17	.08		.04									
18												
19												
20												
21												
22										.04		
23			.31									
24												.04
25					.28							
26					.39							
27					.04							
28												
29		.16			-----							
30		.12			-----					.04		
31		-----			-----		-----		-----			-----
SUM	0.08	0.28	0.35	0.00	1.65	0.67	0.20	0.00	0.00	0.08	0.55	0.20
ACC	0.08	0.35	0.71	0.71	2.36	3.03	3.23	3.23	3.23	3.31	3.86	4.06
MAX	0.08	0.16	0.31	0.00	0.63	0.63	0.20	0.00	0.00	0.04	0.39	0.04
NO.	1	2	2	0	8	2	1	0	0	2	3	5
							Maximum Daily Rainfall					0.63
							Maximum Monthly Rainfall					1.65
							Total Annual Rainfall					4.06
							Number of Days with Rain					26

Notes:

Total annual rainfall in millimeters: 103

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
 Daily Rainfall at Powerline FRS (gage # 6680) for Water Year 2001

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1								----				
2								----				
3								----				
4		.04						----			.04	
5							.24	----				
6		.71					.51	----				
7						.83						
8				.20	.04							
9				.55							.31	
10	.59	.12				.08	.08					
11												
12				.31								
13												
14					.04							
15												
16				.35							.24	
17												
18												
19	.08											
20												
21	.35						.39					
22	.31											
23	.16											
24												
25					.04							
26												
27	.98			.67	.16							
28	.08				.04							
29					----					.67		
30	.16				----		----			.63		
31		----			----		----		----			----
SUM	2.72	0.87	0.00	2.09	0.31	0.91	1.22	0.00	0.00	1.30	0.59	0.00
ACC	2.72	3.58	3.58	5.67	5.98	6.89	8.15	8.15	8.15	9.45	10.04	10.04
MAX	0.98	0.71	0.00	0.67	0.16	0.83	0.51	0.00	0.00	0.67	0.31	0.00
NO.	8	3	0	5	5	2	4	0	0	2	3	0
							Maximum Daily Rainfall					0.98
							Maximum Monthly Rainfall					2.72
							Total Annual Rainfall					10.04
							Number of Days with Rain					32

Notes:

Annual rainfall in millimeters: 255 Total down-time: 8.02 days
 Gage 6680 down from 4/29 10:08 (207) through 5/07 10:33 (207) for unknown reason; no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Powerline FRS (gage # 6680) for Water Year 2000

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4												
5						.20						
6						1.30						
7						.35						
8												
9												
10												
11												
12												
13												
14												
15												
16												
17											.08	
18											.04	
19												
20												
21												
22												
23												
24											.12	
25												
26												
27												
28						.04					.04	
29												
30					----						.04	
31		----			----		----		----			----
SUM	0.00	0.00	0.00	0.00	0.00	1.89	0.00	0.00	0.00	0.00	0.31	0.00
ACC	0.00	0.00	0.00	0.00	0.00	1.89	1.89	1.89	1.89	1.89	2.20	2.20
MAX	0.00	0.00	0.00	0.00	0.00	1.30	0.00	0.00	0.00	0.00	0.12	0.00
NO.	0	0	0	0	0	4	0	0	0	0	5	0
	Maximum Daily Rainfall											1.30
	Maximum Monthly Rainfall											1.89
	Total Annual Rainfall											2.20
	Number of Days with Rain											9

Notes:

Annual rainfall in millimeters: 56

Total down-time: 0 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Powerline FRS (gage # 6680) for Water Year 1999

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1							.51					
2							.47					
3												
4					.08		.24					
5			.04		.08							
6			.04							.04		
7												
8												
9		.04										
10											.12	
11												
12												
13												
14										.08		.08
15										.12		.28
16						.04						
17												
18												
19												.08
20												
21												
22										.08		
23										1.30		
24												
25											.12	
26												
27											.87	
28		.28									.12	
29												
30												
31											.31	
SUM	0.00	0.31	0.08	0.00	0.16	0.04	1.22	0.00	0.00	1.61	1.54	0.43
ACC	0.00	0.31	0.39	0.39	0.55	0.59	1.81	1.81	1.81	3.43	4.96	5.39
MAX	0.00	0.28	0.04	0.00	0.08	0.04	0.51	0.00	0.00	1.30	0.87	0.28
NO.	0	2	2	0	2	1	3	0	0	5	5	3
							Maximum Daily Rainfall					1.30
							Maximum Monthly Rainfall					1.61
							Total Annual Rainfall					5.39
							Number of Days with Rain					23

Notes:

Annual rainfall in millimeters: 137

Total down-time: 0 days

Flood Control District of Maricopa County ALERT System
 Daily Rainfall at Powerline FRS (gage # 6680) for Water Year 1994

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												0.04
3												
4												
5										0.51		
6	0.35											
7					0.55	0.24						
8					0.63	0.04						
9												
10												
11		0.24									0.12	
12		0.47	0.04									
13		0.47										
14		1.42										
15		0.91										
16	0.04											
17					0.04					0.47		
18					0.04							
19					0.04	0.28						
20						0.16						
21												
22												
23												
24							0.12	0.31				
25				0.08		0.35						
26							0.31					
27												
28										0.04		
29		0.04										
30												
31												
SUM	0.39	3.54	0.04	0.08	1.30	1.06	0.43	0.31	0.00	0.51	0.63	0.04
ACC	0.39	3.94	3.98	4.06	5.35	6.42	6.85	7.17	7.17	7.68	8.31	8.35
MAX	0.35	1.42	0.04	0.08	0.63	0.35	0.31	0.31	0.00	0.47	0.51	0.04
NO.	2	6	1	1	5	5	2	1	0	2	2	1
	Maximum Daily Rainfall											1.42
	Maximum Monthly Rainfall											3.54
	Total Annual Rainfall											8.35
	Number of Days with Rain											28

Notes:

Annual rainfall in mm: 212

Gage down from 1/28 01:53 (103) through 1/31 10:00 (49) for unknown reason; assume no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Powerline FRS (gage # 6680) for Water Year 1993

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	-----	-----	-----			.04						
2	-----	-----	-----									
3	-----	-----	.12	.20							.08	
4	-----	-----	1.18									
5	-----	-----	.04									
6	-----	-----		.39								
7	-----	-----	.04	.79								
8	-----	-----	.79	.51	.43							
9	-----	-----			.16							
10	-----	-----		.91	.43							
11	-----	-----		.63						.04		
12	-----	-----		.16								
13	-----	-----		.12								
14	-----	-----		.47	.16							
15	-----	-----		.20	.16							
16	-----	-----		.20								
17	-----	-----		.16								
18	-----	-----	.04	.71								
19	-----	-----			.28							
20	-----	-----										
21	-----	-----										
22	-----	-----										
23	-----	-----										
24	-----	-----									.47	
25	-----	-----										
26	-----	-----				.71					.04	
27	-----	-----	.08			.63					.79	
28	-----	-----	1.06		.24	.20						
29	-----	-----	.04		-----	.20						
30	-----	-----			-----							
31	-----	-----			-----		-----		-----			-----
SUM	-----	-----	3.39	5.43	1.85	1.77	0.00	0.00	0.00	0.04	1.38	0.00
ACC	-----	-----	3.39	8.82	10.67	12.44	12.44	12.44	12.44	12.48	13.86	13.86
MAX	-----	-----	1.18	0.91	0.43	0.71	0.00	0.00	0.00	0.04	0.79	0.00
NO.	-----	-----	9	13	7	5	0	0	0	1	4	0
							Maximum Daily Rainfall					1.18
							Maximum Monthly Rainfall					5.43
							Partial Annual Rainfall					13.86
							Number of Days with Rain					39

Station installed on 12/03/1992.