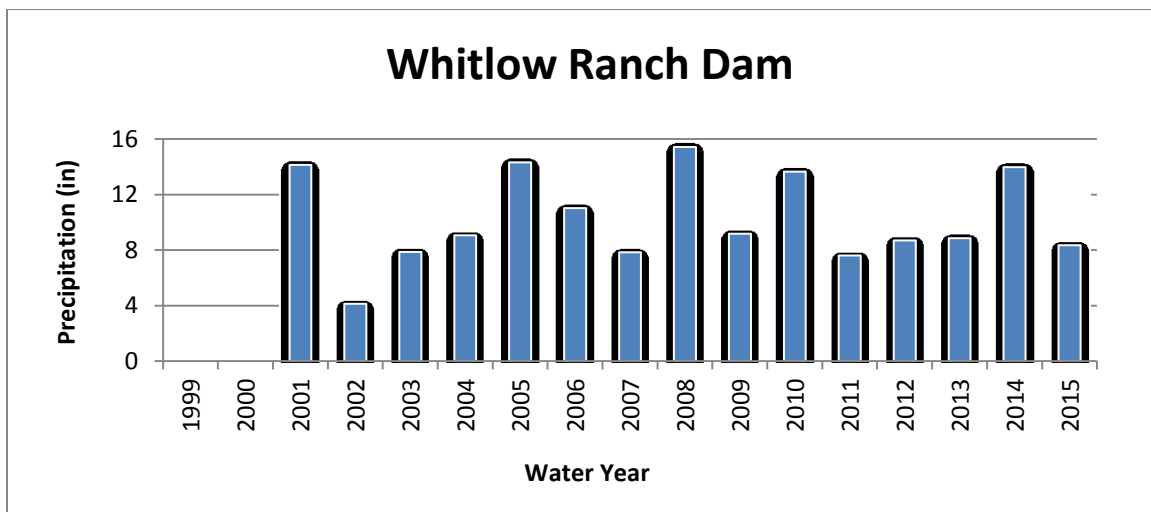


Station Name: Whitlow Ranch Dam

Station ID Number History:	6740 since 01/08/98
Station Type:	Rain / Stage
Data Begins:	01/08/1998
Years Since Installation:	17.73 (as of 10/01/15)
Data Repeater:	White Tank Peak
County:	Pinal
Latitude:	33° 17' 56.6" (33.29906)
Longitude:	111° 16' 32.8" (111.27579)
Elevation:	2,200 ft. msl
Location:	5 miles NE of Florence Junction
Data Record:	
Incomplete Months:	11/98; 04/99; 12/99; 01/00
Missing Months:	None
Remarks:	Records Fair; Good since 2001



Data Statistics for Period of Record:

Number of storms greater than 1 inch in 24 hours:	41	
Number of storms greater than 2 inches in 24 hours:	4	
Number of storms greater than 3 inches in 24 hours:	1	
		Approx. T _r
Greatest 15 minute total:	0.83" on 07/25/06	8 years
Greatest 1 hour total:	1.38" on 09/18/04	8 years
Greatest 3 hour total:	2.52" on 07/10/08	72 years
Greatest 6 hour total:	2.76" on 07/10/08	66 years
Greatest 24 hour total:	3.35" on 02/11/05	22 years
Greatest 72 hour total:	4.45" on 01/21/10	28 years

Water Year Totals: (Mean of Complete Water Years [15] = 10.27 inches)

Water Year	Total	Water Year	Total	Water Year	Total
2020		2010	13.66	2000	M
2019		2009	9.17	1999	M
2018		2008	15.43	1998	M
2017		2007	7.83	1997	
2016		2006	11.02	1996	
2015	8.35	2005	14.33	1995	
2014	13.98	2004	9.06	1994	
2013	8.86	2003	7.87	1993	
2012	8.70	2002	4.13	1992	
2011	7.60	2001	14.13	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 Whitlow Ranch Dam (gage # 6740) for Water Year 2012

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3			.35									
4		.04								.04		
5		.12										
6	.39										.04	
7		.08										.39
8												
9								.16				
10								.04		.08		
11												
12			.51									
13		.31	1.02									.08
14			.12		.39		.04			.04		
15				.08								
16				.43								
17											.12	
18			.20			.83						
19			.16			.08						
20												
21										.16	.20	
22											.04	
23										.43	.55	
24										.12		
25		.55										
26												
27												
28										.24		
29										.28		
30					----							
31		----			----		----		----			----
SUM	0.39	1.10	2.36	0.51	0.39	0.91	0.04	0.20	0.00	1.38	0.94	0.48
ACC	0.39	1.50	3.86	4.37	4.76	5.67	5.71	5.91	5.91	7.28	8.23	8.70
MAX	0.39	0.55	1.02	0.43	0.39	0.83	0.04	0.16	0.00	0.43	0.55	0.39
NO.	1	5	6	2	1	2	1	2	0	8	5	2
							Maximum Daily Rainfall					1.02
							Maximum Monthly Rainfall					2.36
							Total Annual Rainfall					8.70
							Number of Days with Rain					35

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Whitlow Ranch Dam (gage # 6740) for Water Year 2011

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4										.28		
5	.20											
6												
7												
8												
9							.63			.51		.16
10										.51		.28
11												
12												
13												.47
14												
15												
16												
17			.20									
18										.16	.24	
19					.39			.04			.04	
20					.08							
21	.28	.20				.31						
22		.04	.28									
23			.39									
24												
25												
26												
27					.55						.04	
28												
29			.94		----							
30			.12		----					.24		
31		----		.04	----		----		----			----
SUM	0.47	0.24	1.93	0.04	1.02	0.31	0.63	0.04	0.00	1.69	0.31	0.91
ACC	0.47	0.71	2.64	2.68	3.70	4.02	4.65	4.69	4.69	6.38	6.69	7.60
MAX	0.28	0.20	0.94	0.04	0.55	0.31	0.63	0.04	0.00	0.51	0.24	0.47
NO.	2	2	5	1	3	1	1	1	0	5	3	3
	Maximum Daily Rainfall											0.94
	Maximum Monthly Rainfall											1.93
	Total Annual Rainfall											7.60
	Number of Days with Rain											27

Annual Total (mm): 193

Days Down: 0

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Whitlow Ranch Dam (gage # 6740) for Water Year 2009

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3			.04									.08
4	.12			.12						.04		
5												1.46
6												
7												
8			.04		.87							
9		.47			.24							
10					.20							
11	.20						.87					
12												
13												
14												
15												
16			.28									
17			.24		.35					.04		
18			.35							.04		
19												
20												
21				.04				.04		.04	.08	
22			.16	.20				.20				
23			.28							.39		
24												
25			.24							.47		
26		.20	.16									
27		.39										
28		.12							.16			
29					----							
30					----							
31		----			----		----		----			----
SUM	0.31	1.18	1.77	0.35	1.65	0.00	0.87	0.24	0.16	1.02	0.08	1.54
ACC	0.31	1.50	3.27	3.62	5.28	5.28	6.14	6.38	6.54	7.56	7.64	9.17
MAX	0.20	0.47	0.35	0.20	0.87	0.00	0.87	0.20	0.16	0.47	0.08	1.46
NO.	2	4	9	3	4	0	1	2	1	6	1	2
							Maximum Daily Rainfall					1.46
							Maximum Monthly Rainfall					1.77
							Total Annual Rainfall					9.17
							Number of Days with Rain					35

Notes:

Annual rainfall in millimeters: 233

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
 Daily Rainfall at Whitlow Ranch Dam (gage # 6740) for Water Year 2008

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			.20									
2												
3												
4					.63					.04		
5											.43	
6				.47								
7			.83	.55								
8			.83									
9												.12
10			.39							2.56		.35
11			.20							.35		.04
12												
13								.08		.24		
14											.28	
15					.51							
16					.04							
17												
18												
19												
20												
21												
22					.04			1.26				
23								.35				
24												
25											.59	
26											.51	
27				1.38							.16	.16
28				.16							.28	
29				.04								
30		1.34			----							
31		----			----		----		----		.04	----
SUM	0.00	1.34	2.44	2.60	1.22	0.00	0.00	1.69	0.00	3.19	2.28	0.67
ACC	0.00	1.34	3.78	6.38	7.60	7.60	7.60	9.29	9.29	12.48	14.76	15.43
MAX	0.00	1.34	0.83	1.38	0.63	0.00	0.00	1.26	0.00	2.56	0.59	0.35
NO.	0	1	5	5	4	0	0	3	0	4	7	4
								Maximum Daily Rainfall				2.56
								Maximum Monthly Rainfall				3.19
								Total Annual Rainfall				15.43
								Number of Days with Rain				33

Notes:

Annual rainfall in millimeters: 392

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Whitlow Ranch Dam (gage # 6740) for Water Year 2007

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1					.08								
2													
3													
4	.04												
5	.04			.31									
6	.24										1.02		
7													
8	.20												
9													
10													
11												.20	
12							.16						
13					.31								
14											.04		
15													
16											.24	.20	
17											.04		
18													
19				.43	.20					.04			
20				.04	.08								
21				.16		.04	.12			.83			
22			.16			.75						.39	
23						.12				.04		.04	
24						.63				.08			
25										.04			
26													
27													
28			.08							.35			
29					----								
30					----					.04			
31		----		.08	----		----		----			----	
SUM	0.51	0.00	0.24	1.02	0.67	1.54	0.28	0.00	0.00	1.42	1.34	0.83	
ACC	0.51	0.51	0.75	1.77	2.44	3.98	4.25	4.25	4.25	5.67	7.01	7.83	
MAX	0.24	0.00	0.16	0.43	0.31	0.75	0.16	0.00	0.00	0.83	1.02	0.39	
NO.	4	0	2	5	4	4	2	0	0	7	4	4	
												Maximum Daily Rainfall	1.02
												Maximum Monthly Rainfall	1.54
												Total Annual Rainfall	7.83
												Number of Days with Rain	36

Notes:

Annual rainfall in millimeters: 199

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Whitlow Ranch Dam (gage # 6740) for Water Year 2006

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1											.08	
2												.67
3												.20
4										.12	.04	
5										.51		
6												
7												1.34
8												
9											.47	.12
10												
11						1.57						
12						.35					1.18	
13												
14											.28	
15												
16												
17	.16											
18	.39											
19						.12						
20						.04						
21						.08						
22												
23										.04		
24						----					.20	
25						----				.91		
26						----				.08		
27						----				.55		
28										.04		
29					----	.16				.67		
30					----	.04				.24		
31		----			----		----		----	.39		----
SUM	0.55	0.00	0.00	0.00	0.00	2.36	0.00	0.00	0.00	3.54	2.24	2.32
ACC	0.55	0.55	0.55	0.55	0.55	2.91	2.91	2.91	2.91	6.46	8.70	11.02
MAX	0.39	0.00	0.00	0.00	0.00	1.57	0.00	0.00	0.00	0.91	1.18	1.34
NO.	2	0	0	0	0	7	0	0	0	10	6	4
							Maximum Daily Rainfall					1.57
							Maximum Monthly Rainfall					3.54
							Total Annual Rainfall					11.02
							Number of Days with Rain					29

Notes:

Annual rainfall in millimeters: 280 Total down-time: 5.02 days
 Gage 6740 down from 3/23 09:18 (69) through 3/28 09:53 (69) due to programming error; no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Whitlow Ranch Dam (gage # 6740) for Water Year 2005

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2				.08							.35	
3				1.18							.04	
4			.51	.71		.04						
5			.08			.59						
6			.28	.04		.20						
7					.12							
8												
9											.08	
10					.12							
11				.12	.94						-----	
12					2.91						.43	
13											-----	
14											-----	
15												
16												
17					.04							
18					.16							
19					.59							
20					.08	.04						
21	.28	.24			.04							
22	.04	.35			.35						.04	
23		.16						.24			.20	
24							.12					
25												
26				.35								
27				.08						.31		
28	.51		.04									
29			.91	.04	-----							
30			.08		-----					.04		
31		-----			-----		-----		-----	.20		-----
SUM	0.83	0.75	1.89	2.60	5.35	0.87	0.35	0.00	0.00	0.55	1.14	0.00
ACC	0.83	1.57	3.46	6.06	11.42	12.28	12.64	12.64	12.64	13.19	14.33	14.33
MAX	0.51	0.35	0.91	1.18	2.91	0.59	0.24	0.00	0.00	0.31	0.43	0.00
NO.	3	3	6	8	10	4	2	0	0	3	6	0
											Maximum Daily Rainfall	2.91
											Maximum Monthly Rainfall	5.35
											Total Annual Rainfall	14.33
											Number of Days with Rain	45

Notes:

Annual rainfall in millimeters: 364 Total down-time: 4.83 days
 Gage 6740 down from 8/10 13:50 (347) through 8/15 09:50 (358) due to antenna problem, data on 8/02 was downloaded from gage memory.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Whitlow Ranch Dam (gage # 6740) for Water Year 2003

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1						.16					.08	
2						.08						
3												
4												
5												
6												
7												
8				.04	.08							.08
9												.12
10		.08										.31
11												
12					.08							
13					.71						.08	
14					.75						.04	
15					.59		.20					
16						.16						
17	.35		.12			.08						
18			.04									
19											.04	
20												
21										.08		
22												
23			.39								.12	
24												.04
25					.59							.12
26					.63						.47	
27					.28						.04	
28					.28							
29		.16			-----							
30		.12			-----							
31		-----			-----		-----		-----		.31	-----

SUM 0.35 0.35 0.55 0.04 3.98 0.47 0.20 0.00 0.00 0.00 0.08 1.18 0.67

ACC 0.35 0.71 1.26 1.30 5.28 5.75 5.94 5.94 5.94 6.02 7.20 7.87

MAX 0.35 0.16 0.39 0.04 0.75 0.16 0.20 0.00 0.00 0.08 0.47 0.31

NO. 1 3 3 1 9 4 1 0 0 1 8 5

Maximum Daily Rainfall 0.75

Maximum Monthly Rainfall 3.98

Total Annual Rainfall 7.87

Number of Days with Rain 36

Notes:

Total annual rainfall in millimeters: 200

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Whitlow Ranch Dam (gage # 6740) for Water Year 2000

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1				----								
2				----								
3			----	----								
4			----	----		.04						
5			----	----		.28						
6			----	----		1.46						
7			----	----		.55					.35	
8			----	----								
9			----	----								
10			----	----								
11			----	----							.24	
12			----								.04	
13			----									
14			----									
15			----									
16			----									
17			----								.12	
18			----						.04		.04	
19			----									
20			----							----		
21			----		.12					----		
22			----		.08				----		.20	
23			----						----			
24			----		.16						.16	
25			----									
26			----									
27			----									
28			----			.16						
29			----									
30			----		----						.08	
31		----	----		----		----		----			----
SUM	0.00	0.00	0.00	0.00	0.35	2.48	0.00	0.00	0.04	0.00	1.22	0.00
ACC	0.00	0.00	0.00	0.00	0.35	2.83	2.83	2.83	2.91	2.91	4.21	4.21
MAX	0.00	0.00	0.00	0.00	0.16	1.46	0.00	0.00	0.04	0.00	0.35	0.00
NO.	0	0	0	0	3	5	0	0	1	0	8	0
											Maximum Daily Rainfall	1.46
											Maximum Monthly Rainfall	2.48
											Partial Annual Rainfall	4.21
											Number of Days with Rain	17

Notes:

Partial annual rainfall in millimeters: 107 Total down-time: ~45 days
 Gage 6740 out of service for gage-house construction, 12/02 through 01/12, probable events missed, therefore inaccurate monthly and annual totals.
 Gage 6740 down from 6/21 23:02 (74) through 6/24 11:02 (74) for unknown reason; no rain fell.
 Gage 6740 down from 7/18 23:50 (74) through 7/21 23:48 (74) for unknown reason; no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Whitlow Ranch Dam (gauge # 6740) for Water Year 1999

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1							----					
2			.13				----			.09		
3							----					
4							----				.22	
5			.11				----			.18		
6			.12							.32		
7		----								.18		
8		----										
9		----										
10		----								.01	.10	
11		----										
12		----										
13		----					.04			.03		
14		----								.24	.01	.22
15		----								.50		.80
16		----										
17		----	.10									
18		----	.01						----			
19		----							----		.61	.01
20		----										
21		----										
22		----								.15		.04
23		----								.01		
24		----										
25		----										
26		----									.19	
27		----										
28		----								.02	.10	
29		----			----					.02		
30		.35			----							
31		----			----		----		----		.75	----
SUM	0.00	0.35	0.47	0.00	0.00	0.00	0.04	0.00	0.00	1.75	1.98	1.07
ACC	0.00	0.35	0.82	0.82	0.82	0.82	0.86	0.86	0.86	2.61	4.59	5.66
MAX	0.00	0.35	0.13	0.00	0.00	0.00	0.04	0.00	0.00	0.50	0.75	0.80
NO.	0	1	5	0	0	0	1	0	0	12	7	4
							Maximum Daily Rainfall					0.80
							Maximum Monthly Rainfall					1.98
							Partial Annual Rainfall					5.66
							Number of Days with Rain					30

Notes:

Annual rainfall in millimeters: 135 Total down-time: 33.95 days
 Gage 6740 serviced on 11/30 after tipping-bucket was vandalized sometime between 11/01 and 11/09.
 Events missed - inaccurate monthly and annual totals.
 Gage 6740 down from 03/31 21:37 (82) through 4/06 14:19 (?) due to vandalism; events missed; inaccurate
 monthly and annual totals.
 Gage 6740 down 6/17 03:36 (86) through 6/20 09:36 (86) for unknown reason; no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Whitlow Ranch Dam (gage # 6740) for Water Year 1998

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	----	----	----	----			.18				----	
2	----	----	----	----							----	
3	----	----	----	----	.04						----	
4	----	----	----	----	.93						----	.90
5	----	----	----	----						.13		.11
6	----	----	----	----		.13					.02	.03
7	----	----	----	----		.01				.25		
8	----	----	----		.60							
9	----	----	----		.74							
10	----	----	----	.28								
11	----	----	----									----
12	----	----	----		----							----
13	----	----	----		----						.55	----
14	----	----	----			.22						
15	----	----	----		.79	.09	.02				.22	
16	----	----	----									
17	----	----	----		.42	.01						
18	----	----	----		.47						.08	
19	----	----	----									
20	----	----	----		.53						.31	
21	----	----	----		.01						.15	
22	----	----	----							.01	.01	
23	----	----	----							.01		
24	----	----	----		.58							
25	----	----	----									
26	----	----	----			1.38						
27	----	----	----							.02		
28	----	----	----			.34					.12	
29	----	----	----			.07						
30	----	----	----			.34						
31	----	----	----									----
SUM	----	----	----	0.28	5.11	2.59	0.20	0.00	0.00	0.50	1.38	1.04
ACC	----	----	----	0.28	5.39	7.98	8.18	8.18	8.18	8.68	10.06	11.10
MAX	----	----	----	0.28	0.93	1.38	0.18	0.00	0.00	0.25	0.55	0.90
NO.	----	----	----	1	10	9	2	0	0	6	7	3
											Maximum Daily Rainfall	1.38
											Maximum Monthly Rainfall	5.11
											Partial Annual Rainfall	11.10
											Number of Days with Rain	38

Notes:

Partial annual rainfall in millimeters: 282 Total down-time: 22.8 days
Station installed on 01/08/98.
Gage down from 2/11 12:43 (259) through 2/14 0:43 for unknown reason; no rain fell.
Gage down from 4/15 12:43 (818) through 4/23 9:08 (818) due to antenna problem, no rain fell.
Gage down from 7/27 23:07 (868) through 8/05 9:59 (868) due to antenna problem, no rain fell.
Gage down from 9/10 16:01 (1110) through 9/14 16:01 (1110) due to vandalism; no rain fell.