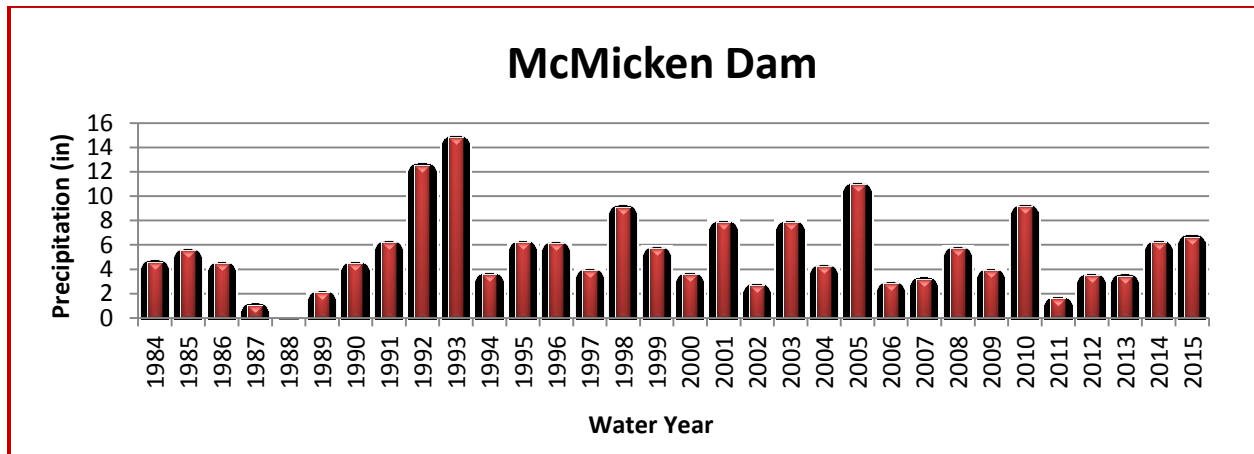




Station Name: McMicken Dam

Station ID Number History:	5445 since 06/15/92 1600 from 10/01/87 - 06/15/92 0046 from 03/24/83 - 10/01/87
Station Type:	Rain / Stage
Data Begins:	03/20/1983
Years Since Installation:	32.53 (as of 10/01/15)
Data Repeater:	White Tank Peak
County:	Maricopa
Latitude:	33° 40' 37.2" (33.67699)
Longitude:	112° 25' 24.3" (112.42342)
Elevation:	1,350 ft. msl
Location:	1/4 mi SE of Deer Valley Road and Cotton Lane
Data Record:	
Incomplete Months:	None
Missing Months:	10/87
Remarks:	Records Good



Data Statistics for Period of Record:

Number of storms greater than 1 inch in 24 hours:	33	
Number of storms greater than 2 inches in 24 hours:	3	
Number of storms greater than 3 inches in 24 hours:	2	
		Approx. T_r
Greatest 15 minute total:	0.98" on 08/07/98	40 years
Greatest 1 hour total:	1.57" on 08/07/98	33 years
Greatest 3 hour total:	1.89" on 09/08/14	45 years
Greatest 6 hour total:	2.80" on 09/08/14	312 years
Greatest 24 hour total:	3.74" on 01/21/10	193 years
Greatest 72 hour total:	4.69" on 01/21/10	219 years

Water Year Totals: (Mean of Complete Water Years [31] = 5.52 inches)

Water Year	Totals	Water Year	Totals	Water Year	Totals	Water Year	Totals
2020		2010	9.09	2000	3.46	1990	4.37
2019		2009	3.82	1999	5.63	1989	2.01
2018		2008	5.59	1998	9.02	1988	M
2017		2007	3.11	1997	3.78	1987	0.98
2016		2006	2.76	1996	6.02	1986	4.37
2015	6.57	2005	10.87	1995	6.10	1985	5.43
2014	6.14	2004	4.17	1994	3.46	1984	4.53
2013	3.35	2003	7.76	1993	14.76	1983	M
2012	3.39	2002	2.60	1992	12.48	1982	
2011	1.50	2001	7.76	1991	6.10	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 McMicken Dam (gage # 5445) for Water Year 1994

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1													
2													
3													
4												0.04	
5													
6	0.51												
7					0.12	0.16							
8					0.04						0.08		
9													
10												0.04	
11		0.04											
12		0.04											
13		0.24											
14		0.63											
15													
16													
17										0.08			
18													
19						0.04							
20												0.04	
21												0.20	
22													
23													
24								0.39					
25						0.55		0.12				0.08	
26						0.04							
27													
28													
29													
30													
31													
SUM	0.51	0.94	0.00	0.00	0.16	0.79	0.00	0.51	0.00	0.08	0.08	0.39	
ACC	0.51	1.46	1.46	1.46	1.61	2.40	2.40	2.91	2.91	2.99	3.07	3.46	
MAX	0.51	0.63	0.00	0.00	0.12	0.55	0.00	0.39	0.00	0.08	0.08	0.20	
NO.	1	4	0	0	2	4	0	2	0	1	1	5	
												Maximum Daily Rainfall	0.63
												Maximum Monthly Rainfall	0.94
												Total Annual Rainfall	3.46
												Number of Days with Rain	20

Notes:
Annual rainfall in mm: 88

