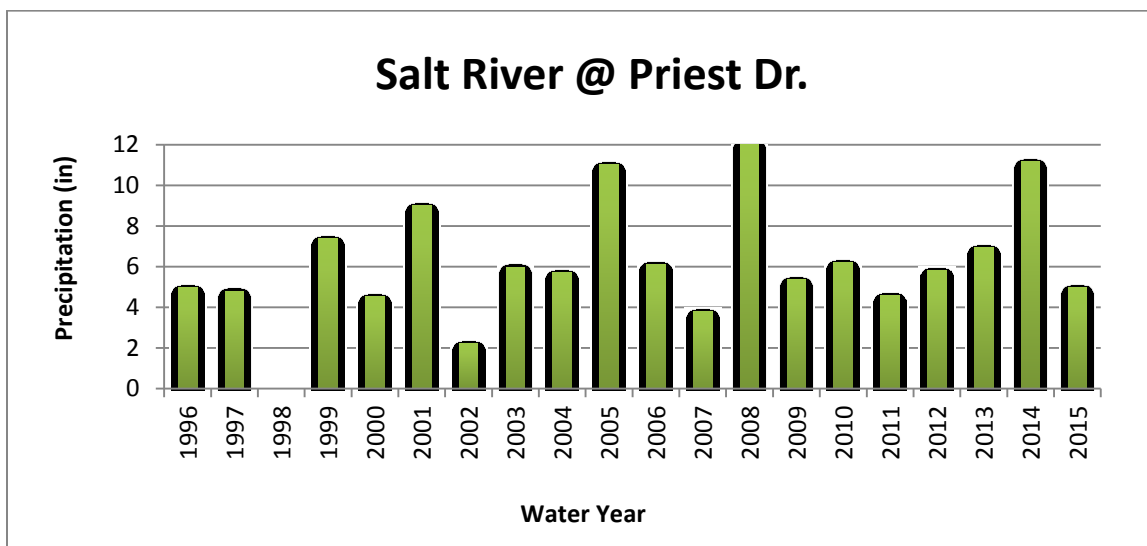




Station Name: Salt River @ Priest Dr.

<b>Station ID Number History:</b>	4520 since 09/21/95
<b>Station Type:</b>	Rain / Stream
<b>Data Begins:</b>	09/21/1995
<b>Years Since Installation:</b>	20.03 (as of 10/01/15)
<b>Data Repeater:</b>	Direct
<b>County:</b>	Maricopa
<b>Latitude:</b>	33° 26' 02.4" (33.43401)
<b>Longitude:</b>	111° 57' 40.7" (111.96132)
<b>Elevation:</b>	1,140 ft. msl
<b>Location:</b>	West side of Salt River bridge at Priest Dr.
<b>Data Record:</b>	
Incomplete Months:	None
Missing Months:	None
<b>Remarks:</b>	Records Fair



**Data Statistics for Period of Record:**

Number of storms greater than 1 inch in 24 hours:	21	
Number of storms greater than 2 inches in 24 hours:	2	
Number of storms greater than 3 inches in 24 hours:	1	
		<b>Approx. T<sub>r</sub></b>
Greatest 15 minute total:	1.02" on 09/08/14	55 years
Greatest 1 hour total:	2.13" on 09/08/14	206 years
Greatest 3 hour total:	2.68" on 09/08/14	316 years
Greatest 6 hour total:	3.58" on 09/08/14	1,000 years
Greatest 24 hour total:	3.70" on 09/08/14	167 years
Greatest 72 hour total:	3.70" on 09/08/14	53 years

**Water Year Totals: (Mean of Complete Water Years [19] = 6.46 inches)**

Water Year	Total	Water Year	Total	Water Year	Total
2020		2010	6.22	2000	4.53
2019		2009	5.35	1999	7.40
2018		2008	12.13	1998	M
2017		2007	3.78	1997	4.80
2016		2006	6.10	1996	4.97
2015	4.96	2005	11.02	1995	M
2014	11.18	2004	5.71	1994	
2013	6.93	2003	5.98	1993	
2012	5.83	2002	2.24	1992	
2011	4.57	2001	9.02	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 Salt R. @ Priest Dr. (gage # 4520) for Water Year 1995

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													
25													
26													
27												0.28	
28												1.03	
29													
30													
31													
SUM	----	----	----	----	----	----	----	----	----	----	----	1.31	
ACC	----	----	----	----	----	----	----	----	----	----	----	1.31	
MAX	----	----	----	----	----	----	----	----	----	----	----	1.03	
NO.	----	----	----	----	----	----	----	----	----	----	----	2	
												Maximum Daily Rainfall	1.03
												Maximum Monthly Rainfall	1.31
												<b>Partial</b> Annual Rainfall	1.31
												Number of Days with Rain	2

**Notes:**

Gage installed 9/21/95.  
 This tipping bucket measures precipitation in 0.01 inch increments (this year).  
 Partial annual rainfall in mm: 33.25