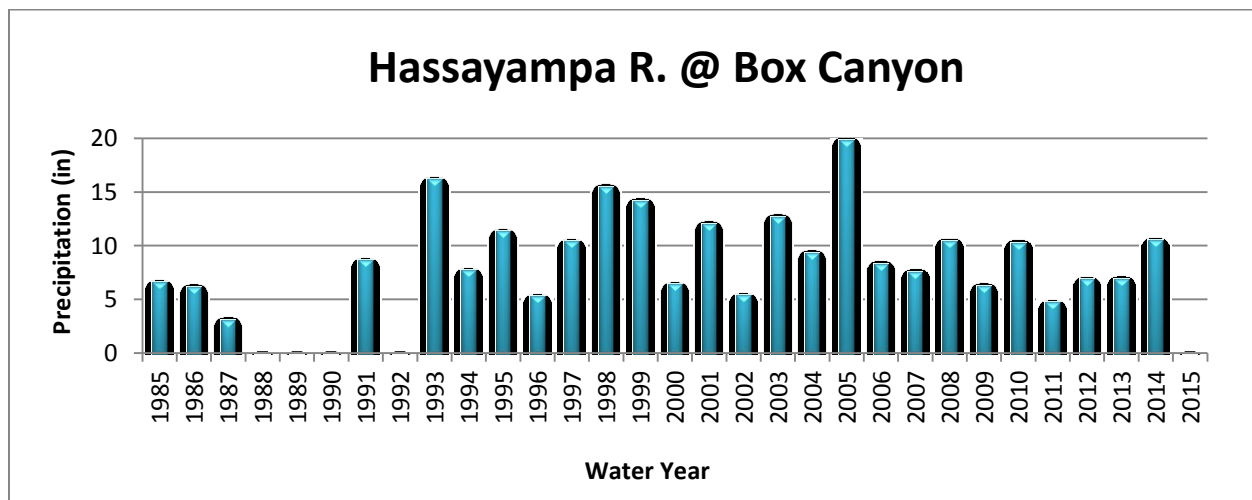




## Station Name: Hassayampa River @ Box Canyon

<b>Station ID Number History:</b>	<b>5305</b> since 08/18/92 <b>3660</b> from 10/01/91 - 08/18/92 <b>0045</b> from 10/01/87 - 10/01/91 <b>0083</b> from 05/01/86 - 10/01/87 <b>0059</b> starting on 11/17/83
<b>Data Begins:</b>	11/17/1983
<b>Years Since Installation:</b>	31.87 (as of 10/01/15)
<b>Data Repeater:</b>	Yarnell Hill
<b>County:</b>	Yavapai
<b>Latitude:</b>	34° 02' 42.3" (34.04508)
<b>Longitude:</b>	112° 42' 36.5" (112.71013)
<b>Elevation:</b>	2,245 ft. msl
<b>Location:</b>	6 miles north of Wickenburg
<b>Data Record:</b>	
Incomplete Months:	11/87; 10/88-03/90; 01/92
Missing Months:	10/87
<b>Remarks:</b>	Records Poor; Good since 1993



**Data Statistics for Period of Record:**

Number of storms greater than 1 inch in 24 hours:	58	
Number of storms greater than 2 inches in 24 hours:	12	
Number of storms greater than 3 inches in 24 hours:	3	
		Approx. T <sub>r</sub>
Greatest 15 minute total:	1.10" on 09/09/06	17 years
Greatest 1 hour total:	2.40" on 08/31/99	71 years
Greatest 3 hour total:	2.52" on 08/31/99	33 years
Greatest 6 hour total:	2.83" on 09/26/97	30 years
Greatest 24 hour total:	3.98" on 09/26/97	42 years
Greatest 72 hour total:	3.98" on 09/26/97	18 years

**Water Year Totals: (Mean of Complete Water Years [26] = 9.33 inches)**

Water Year	Total	Water Year	Total	Water Year	Total	Water Year	Total
2020		2010	10.28	2000	6.38	1990	M
2019		2009	6.26	1999	14.17	1989	M
2018		2008	10.43	1998	15.47	1988	M
2017		2007	7.56	1997	10.39	1987	3.11
2016		2006	8.31	1996	5.28	1986	6.18
2015	M	2005	19.88	1995	11.34	1985	6.61
2014	10.51	2004	9.33	1994	7.72	1984	M
2013	6.89	2003	12.68	1993	16.18	1983	
2012	6.85	2002	5.35	1992	M	1982	
2011	4.72	2001	12.05	1991	8.62	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 Hassayampa River @ Box Canyon (gage # 5305) for Water Year 2006

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1													
2													
3												.04	
4												.04	
5													
6										.35			
7									.12			.16	
8												.16	
9												2.44	
10													
11		.08				.39					.51		
12						.08					.20	.04	
13													
14												.24	
15										.83			
16								.12		.04			
17													
18	.67												
19						.16							
20						.08							
21						.08				.04	.12		
22													
23		----											
24		----									.20		
25										.51			
26										.04			
27													
28							.04						
29					----				.31				
30					----						.16		
31		----			----		----		----		.08	----	
SUM	0.67	0.08	0.00	0.00	0.00	0.79	0.04	0.12	0.43	1.81	1.26	3.11	
ACC	0.67	0.75	0.75	0.75	0.75	1.54	1.57	1.69	2.13	3.94	5.20	8.31	
MAX	0.67	0.08	0.00	0.00	0.00	0.39	0.04	0.12	0.31	0.83	0.51	2.44	
NO.	1	1	0	0	0	5	1	1	2	6	6	7	
												Maximum Daily Rainfall	2.44
												Maximum Monthly Rainfall	3.11
												Total Annual Rainfall	8.31
												Number of Days with Rain	30

**Notes:**

Annual rainfall in millimeters: 211 Total down-time: 3.50 days  
 Gage 5305 down from 11/22 09:16 (19) through 11/25 21:16 (19) due to programming error; no rain fell.













**Flood Control District of Maricopa County ALERT System**  
 Daily Rainfall at Hassayampa @ Box Canyon (gage # 5305) for Water Year 2000

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2				.12								
3												
4												
5						.98						
6						.47					.28	
7						.31					.04	
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21					.91							
22					.04				.20			
23									.16			
24					.12							
25												
26												
27											.51	
28						.04						
29											2.09	
30					----							
31		----			----	.12	----		----			----
SUM	0.00	0.00	0.00	0.12	1.06	1.93	0.00	0.00	0.35	0.00	2.91	0.00
ACC	0.00	0.00	0.00	0.12	1.18	3.11	3.11	3.11	3.46	3.46	6.38	6.38
MAX	0.00	0.00	0.00	0.12	0.91	0.98	0.00	0.00	0.20	0.00	2.09	0.00
NO.	0	0	0	1	3	5	0	0	2	0	4	0
											Maximum Daily Rainfall	2.09
											Maximum Monthly Rainfall	2.91
											Total Annual Rainfall	6.38
											Number of Days with Rain	15

**Notes:**

Annual rainfall in millimeters: 162

Total down-time: 0 days

























**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at Hassy @ Box Canyon (gage # 5305) for Water Year 1988**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP		
1														
2					.28	.04								
3					.04									
4														
5			.04	.08										
6														
7														
8														
9														
10										.04				
11														
12														
13														
14			.08											
15							.12							
16							.08							
17			.51	.16			.04							
18				.12										
19			.08											
20			.04								.04			
21							.31				.67			
22							.12							
23											.12			
24														
25											.08			
26					.08									
27					.04						.20			
28														
29										.04	.24			
30											.04			
31														
SUM	----	0.00	0.75	0.35	0.43	0.04	0.67	0.00	0.00	0.08	1.38	0.00		
ACC	----	0.00	0.75	1.10	1.54	1.57	2.24	2.24	2.24	2.32	3.70	3.70		
MAX	----	0.00	0.51	0.16	0.28	0.04	0.31	0.00	0.00	0.04	0.67	0.00		
NO.		0	0	5	3	4	1	5	0	0	2	7	0	
													Maximum Daily Rainfall	0.67
													Maximum Monthly Rainfall	1.38
													<b>Partial</b> Annual Rainfall	3.70
													Number of Days with Rain	27









**Flood Control District of Maricopa County ALERT System**  
 Daily Rainfall at Hassy @ Box Canyon (gage # 5305) for Water Year 1984

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			.08									.16
2												
3			.24									
4			.04									
5											.08	
6							.16					
7												
8											.08	
9												
10												.47
11											.35	
12												
13												
14											.43	
15										.04		
16												
17												
18												
19											.39	
20												
21										.55		
22										.08	.08	
23												
24											.16	
25		.20	.51						.04			.24
26			.04									.47
27												
28										.16		
29												
30									.12			
31												
SUM	----	0.20	0.91	0.00	0.00	0.00	0.16	0.00	0.16	0.83	1.57	1.34
ACC	----	0.20	1.10	1.10	1.10	1.10	1.26	1.26	1.42	2.24	3.82	5.16
MAX	----	0.20	0.51	0.00	0.00	0.00	0.16	0.00	0.12	0.55	0.43	0.47
NO.	----	1	5	0	0	0	1	0	2	4	7	4
							Maximum Daily Rainfall					0.55
							Maximum Monthly Rainfall					1.57
							<b>Partial</b> Annual Rainfall					5.16
							Number of Days with Rain					24

Station installed November 17, 1983.