

YEAR	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep-m	Sep-h	Oct	Nov	Dec	Jan-May	Monsoon	Yearly TOTAL	Phx		
2011	6.1	0.0	0.0	0.0	0.0	0.0	0.6	0.4	0.3	0.0	0.2	2.3	0.8	6.1	1.3	10.7	5.0		
2012	0.0	0.0	1.0	0.1	0.0	0.0	4.1	1.0	0.8	0.0	0.1	0.1	0.9	1.1	5.9	8.1	5.1		
2013	1.5	0.2	0.1	0.0	0.0	0.0	1.4	4.4	1.6	0.0	0.2	3.1	0.6	1.8	7.4	13.1	8.1		
2014	0.0	0.4	0.6	0.1	0.0	0.0	2.8	4.4	1.1	0.7	0.2	0.0	1.6	1.1	8.3	11.9	9.6		
2015*	2.0	0.7	1.4	0.2	1.7	0.3	0.8	0.6	2.0	0.0	1.5	0.3	0.3	6.0	3.4	11.8	7.0		
2016	1.8	0.0	0.0	0.3	1.4	0.4	0.7	1.8	0.3	0.0	0.2	0.5	2.4	3.5	2.8	9.8	6.9		
2017	2.3	2.6	0.2	0.0	0.5	0.0	2.1	0.9	0.9	0.0	0.0	0.0	0.0	5.6	3.9	9.5	5.7		
2018	0.5	0.6	0.4	0.0	0.0	0.1	5.4	1.4	0.2	0.0	3.3	0.1	0.3	1.4	6.9	12.0	8.2		
2019	2.9	2.2	1.0	0.2	0.4	0.0	0.5	0.8	0.7	2.1	0.0	3.4	2.4	6.5	2.0	16.3	9.8		
2020	0.0	1.8	5.3	0.0	0.0	0.0	0.4	1.6	0.0	0.0	0.0	0.0	0.3	7.1	2.0	9.4	4.2		
2021	2.3	0.1	0.2	0.1	0.0	0.1	1.0	1.9	0.2	0.0	0.8	0.0	1.3	2.6	3.1	7.9	9.2		
2022	0.0	0.2	0.3	0.0	0.0	2.1	1.3	5.5	1.9	0.0	1.8	0.2	1.1	0.5	10.8	14.3	7.0		
AVGs >	1.6	0.7	0.9	0.1	0.3	0.3	1.7	2.1	0.8	0.2	0.7	0.8	1.0	3.6	4.8	11.2	7.1		
<p>Figures are rounded to the nearest tenth.</p> <p>* Rainfall every month this year (unusual)</p> <p>It appears that high rainfall amounts in the spring results in a lower monsoon total.</p> <p>September is split into "Monsoon" (Gulf of Mexico/Sea of Cortez), and "Hurricane" (Pacific) amounts.</p> <p>Heavy October rain is typically from hurricanes. Oct '18 was from hurricanes Rosa and Sergio.</p> <p>See sheet (tab) #2 for long-term Wicky data, and sheet #3 for Phoenix data.</p>																			
															Rainfall_Log			J.Daly 12.31.22	

Wickenburg Long-Term Rainfall History					
Year	Inches /1				Inches /2
1939	12.41				
1940	10.58				
1941	18.51				
1942	6.71				
1943	11.48				
1944	14.43				
1945	10.34				
1946	10.97				
1947	6.70				
1948	8.56				
1949	14.18				
1950	6.04				
1951	18.40				
1952	15.52				
1953	7.83				
1954	9.67				
1955	10.18				
1956	3.59				
1957	8.68				
1958	8.99				
1959	13.00				
1960	5.82				
1961	6.73				
1962	7.04				
1963	13.70				
1964	10.61				
1965	25.20				
1966	9.01				
1967	12.27				
1968	9.76				
1969	9.99				
1970	14.43				
1971	8.04				
1972	7.59				
1973	10.30				
1974	13.31				
1975	7.45	1939-1975 avg (typical?):	10.8		
1976	14.16				
1977	9.97				
1978	22.20				
1979	12.10				
1980	14.90				
1981	10.23				
1982	17.70				
1983	18.08				
1984	14.73				
1985	11.02				
1986	12.78				
1987	13.02				
1988	12.05				
1989	7.60				
1990	12.75				
1991	11.09				

1992	20.52				
1993	15.21		1976-1993 avg:	13.9	
1994	7.28				
1995	13.19			11.77	
1996	5.15			5.87	
1997	11.02			8.58	
1998	15.82			14.25	
1999	9.44			9.06	
2000	11.73			6.34	
2001	7.47			13.46	
2002	4.99			2.28	
2003	11.80			13.31	
2004	13.79			7.09	
2005	13.39			21.30	
2006	6.21		1994-2006 avg:	10.1	5.31
2007				5.28	
2008				7.64	
2009				6.93	
2010				10.75	
2011				4.29	
2012				9.13	
2013				7.01	
2014				11.65	
2015				13.03	
2016				5.67	
2017				14.72	
2018					
2019					
AVG	11.5			9.3	
					page 2 of 2
	/1 Column B data from the Wickenburg Sun, does not agree with airport data in column G				
	/2 Column G data from the Wickenburg Airport maricopa County Flood Control gage 52800				
	1939-2006 "Wicky Sun" data courtesy of George Bartley - thanks George !!				
					Rainfall Log J.Daly 12.31.18

Phoenix Rainfall Data (National Weather Service)															
YEAR	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Monsoon	
1990	0.96	0.57	0.39	0.22	0.10	0.07	1.09	2.09	2.03	0.18	0.40	0.63	8.73	5.21	
1991	0.74	0.72	2.23	0.00	0.00	0.00	0.10	0.45	0.68	0.76	0.98	1.76	8.42	1.23	
1992	1.43	1.40	2.55	0.48	0.83	0.08	2.10	2.15	0.22	0.17	0.02	3.18	14.61	4.47	
1993	5.03	2.12	1.24	0.00	0.10	0.00	0.04	1.34	0.05	1.06	2.67	0.02	13.67	1.43	
1994	0.06	0.73	1.12	0.15	0.26	0.00	0.27	0.20	0.92	0.44	0.50	2.54	7.19	1.39	
1995	1.78	0.68	1.17	0.35	0.06	0.00	0.10	1.51	1.09	0.01	1.07	0.00	7.82	2.70	
1996	0.15	0.82	0.55	0.00	0.00	0.01	1.40	0.59	1.35	0.12	0.14	0.00	5.13	3.35	
1997	0.88	0.80	0.00	0.29	0.03	0.02	0.05	1.11	0.66	0.17	0.10	1.31	5.42	1.83	
1998	0.41	4.14	1.61	0.31	0.03	0.00	0.74	0.67	0.58	0.68	0.31	0.49	9.97	1.99	
1999	0.03	0.33	0.12	1.13	0.00	0.05	2.03	0.80	0.87	0.00	0.00	0.00	5.36	3.70	
2000	0.04	0.10	2.42	0.00	0.00	0.42	0.14	0.63	0.01	3.30	0.30	0.00	7.36	1.20	
2001	2.03	0.81	0.88	0.92	0.01	0.03	0.78	0.58	0.03	0.06	0.12	0.75	7.00	1.42	
2002	0.10	0.00	0.04	0.10	0.00	0.00	1.04	0.09	0.86	0.34	0.41	0.31	3.29	1.99	
2003	0.38	3.35	0.99	0.16	0.00	0.00	0.53	1.11	0.16	0.40	0.87	0.26	8.21	1.80	
2004	0.52	0.80	1.23	1.26	0.00	0.00	0.57	0.37	0.60	0.82	0.82	1.70	8.69	1.54	
2005	2.36	3.81	0.40	0.27	0.00	0.07	0.63	1.62	0.21	0.34	0.00	0.00	9.71	2.53	
2006	0.00	0.00	1.69	0.02	0.03	0.05	1.08	1.47	1.06	0.29	0.00	0.25	5.94	3.63	
2007	0.65	0.40	0.84	0.21	0.00	0.00	1.00	0.32	0.09	0.02	1.58	1.37	6.48	1.41	
2008	2.23	0.51	0.00	0.00	0.48	0.01	1.54	2.20	0.12	0.01	0.55	1.56	9.21	3.87	
2009	0.24	1.11	0.00	0.38	0.30	0.00	0.37	0.47	0.35	0.00	0.01	0.69	3.92	1.19	
2010	3.04	1.50	0.96	0.00	0.00	0.00	0.93	0.96	0.13	0.99	0.06	1.51	10.08	2.02	
2011	0.00	0.90	0.17	0.35	0.03	0.00	1.01	0.23	0.19	0.11	0.80	1.21	5.00	1.43	
2012	0.00	0.01	0.48	0.08	0.00	0.00	1.12	1.37	0.78	0.06	0.08	1.11	5.09	3.27	
2013	1.57	0.46	0.77	0.05	0.00	0.00	0.97	0.56	1.03	0.02	2.19	0.47	8.09	2.56	
2014	0.00	0.00	1.20	0.00	0.00	0.00	0.55	2.01	4.46	0.23	0.00	1.16	9.61	7.02	
2015	1.05	0.07	0.82	0.29	1.20	0.29	0.37	0.72	0.47	1.02	0.43	0.23	6.96	1.61	
2016	1.83	0.01	0.00	0.45	0.07	0.13	0.34	1.60	0.24	0.20	0.70	1.32	6.89	2.30	
2017	1.31	1.43	0.06	0.00	0.09	0.00	1.71	0.89	0.04	0.00	0.04	0.18	5.75	2.64	
2018	0.38	0.43	0.03	0.00	0.03	0.09	1.03	1.53	0.16	3.82	0.29	0.45	8.24	2.81	
2019	0.80	2.39	0.57	0.08	0.12	0.01	0.41	0.36	1.42	0.00	2.33	1.31	9.80	2.19	
2020	0.10	1.43	2.12	0.04	0.02	0.00	0.10	0.35	0.01	0.00	0.00	0.00	4.17	0.46	
2021	0.91	0.00	0.20	0.02	0.04	0.05	2.81	2.21	0.78	0.14	0.00	1.99	9.15	5.85	
2022	0.15	0.4	0.16	0	0	0.19	1.12	1.57	0.69	1	0.14	1.6	7.01	3.57	
AVG	0.97	0.99	0.84	0.24	0.12	0.04	0.84	1.02	0.68	0.49	0.56	0.87	7.64	2.56	