

Richmond Climate Extremes And Averages

TEMP. Rec. 1897-2011	JAN	FEB.	MAR.	APR.	MAY	JUN.	JUL	AUG	SEP	OCT	NOV	DEC	Max.	Min.	
Monthly Highest Maximum	81	83	94	96	100	104	105	107	103	99	86	81	107	*81	
Year of Last Occurrence	2002	1932	1907	1990	1941	1952	2010	1918	1954	1941	1993	1998	1918	2002	
Other Occurrences		1930		1985			1977				1974				
Other Occurrences				1976							1950				
Other Occurrences				1960											
Other Occurrences				1925											
Other Occurrences				1915											
Monthly Lowest Maximum	12	11	21	37	47	55	65	62	52	44	24	13	65	11	
Year of Last Occurrence	1994	1899	1980	1972	1917	1907	1939	1908	1984	1925	1929	1917	1939	1899	
Other Occurrences	1970			1915											
Max. Days in the Month >= 90 °F	0	0	3	7	11	20	26	24	15	6	0	0	26 (1993)	*0	78 Max 2010
Min. Days in the Month >= 90 °F	0	0	0	0	0	0	2	1	0	0	0	0	2 (2000)	*0	14 Min *1927
Ave. Days in the Month >= 90 °F	0.0	0.0	0.1	0.7	2.4	8.6	13.7	10.4	4.0	0.3	0.0	0.0	13.7	*0	40.5 Average
Monthly Highest Minimum	62	63	68	69	74	78	81	79	77	74	70	63	81	62	
Year of Last Occurrence	1998	2008	1913	1922	1991	2010	2011	2006	1993	1986	1971	1951	2011	1998	
Other Occurrences						2008		1980							
Other Occurrences						1945		1977							
Other Occurrences						1899		1900							
Monthly Lowest Minimum	-12	-10	10	19	31	40	51	46	35	21	10	-2	51	-12	
Year of Last Occurrence	1940	1936	2009	1923	1956	1967	1965	1934	1974	1962	1933	1917	1965	1940	
Other Occurrences							1940				1930		1940		
Max. Days in the Month <= 32 °F	31	28	25	6	4	0	0	0	0	8	22	31	31(*1977)	*0	114 Max 1941
Min. Days in the Month <= 32 °F	6	5	1	0	0	0	0	0	0	0	0	6	6(*1972)	*0	51 Min 1990
Ave. Days in the Month <= 32 °F	20.9	18.4	10.6	1.7	0.03	0.0	0.0	0.0	0.0	1.1	8.9	19.2	20.9	*0	80.7 Average
Warmest Month (Highest Monthly Mean)	49.7	48.5	58.5	63.2	73.1	81.1	82.8	82.9	76.8	67.2	56.6	48.9	82.9	48.5	
Year of Occurrence	1950	1976	1945	1994	2004	2010	2010	1900	1921	1919	1985	1956	1900	1976	
Warmest Day (Highest Daily Mean)	69.0	71.0	78.5	81.0	86.0	90.0	92.0	91.5	87.0	84.5	77.0	70.5	92.0	69.0	
Year of Occurrence	1950	2008	1907	1915	*1991	1950	2010	1918	*1980	1941	1971	1998	2010	1950	
Ave. Monthly Mean From 1897	37.8	39.5	47.8	57.2	66.2	74.1	78.2	76.6	70.4	59.3	49.1	40.0	78.2	37.8	57.9 Average
30-Year Ave. from 1981-2010	37.9	40.9	48.6	58.2	66.4	75.3	79.3	77.5	70.6	59.7	50.4	41.0	79.3	37.9	58.9 Average
Coldest Month (Lowest Monthly Mean)	24.2	28.2	35.9	50.4	60.6	68.4	73.7	71.3	65.3	52.9	42.4	30.1	73.7	24.2	
Year of Occurrence	1940	1934	1960	1907	1967	1907	1918	1927	1917	1987	1910	1917	1918	1940	
Coldest Day (Lowest Daily Mean)	4.5	4.5	17.0	29.5	45.5	52.0	62.5	58.5	49.5	36.5	19.0	5.5	62.5	4.5	
Year of Occurrence	1985	1899	1980	1923	1917	1985	1939	1986	*1974	*1976	1929	1917	1939	*1985	
* Event occurred in other years but most recent year listed or value appears twice in the records.															
Red represents Highest or Maximum Blue represents Lowest or Minimum Green represents Average or Mean Value															
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Precip. Rec. 1887-2011	JAN	FEB.	MAR.	APR.	MAY	JUN.	JUL	AUG	SEP	OCT	NOV	DEC	Max.	Min.	
Largest Daily Temp. Range	51	46	48	50	47	43	40	37	46	46	47	43	51	37	
Year of last Occurrence	1978	1977	1939	1897	1963	1936	1954	1936	1932	1974	1941	1901	1978	1936	
Other Occurrences		1954					1932				1934				
Smallest Daily Temp. Range	1	2	2	0	3	2	3	2	1	2	2	0	3	0	
Year of last Occurrence	1925	1972	1982	1897	2003	1901	1908	1956	1915	1952	1986	1945	1908	1945	
Other Occurrences		1971	1937		1917					1937	1963			1897	
Other Occurrences		1956	1915							1906	1920				
Other Occurrences		1945	1914												
Other Occurrences		1922	1899												
Most Precipitation in a Month	10.08	6.67	8.78	8.89	9.13	9.93	18.87	16.30	16.60	9.39	9.60	8.16	18.87	6.67	
Year of Occurrence	1937	1920	1891	1889	1889	2004	1945	2004	1999	1971	2009	2009	1945	1920	
Max. Daily Precip. in a Month	3.31	2.65	3.14	3.65	3.22	3.91	7.24	8.79	4.91	4.76	3.51	2.62	8.79	2.62	
Year of Occurrence	1962	1920	1992	1910	1889	1972	1923	1955	1935	1961	2009	2008	1955	2008	
Average Monthly Precip. from 1887	3.24	3.02	3.71	3.29	3.75	3.91	4.95	4.79	3.69	3.12	2.80	3.15	4.95	2.80	43.4 Average
30-Year Ave. from 1981-2010	3.04	2.76	4.04	3.27	3.78	3.93	4.51	4.66	4.13	2.98	3.24	3.26	4.66	2.76	43.6 Average
Min. Daily Precip. in a Month	0.64	0.48	0.20	0.64	0.45	0.38	0.51	0.45	0.08	0.01	0.11	0.40	0.64	0.01	
Year of Occurrence	1981	1978	2006	1963	1936	1980	1983	1896	2005	2000	1890	1980	1981	2000	
Other Occurrences													1963		
Ave. Days in Month with Precip.	9.6	9.6	11.0	9.9	11.3	9.6	11.2	10.2	8.3	7.5	8.0	9.5	14.2	7.5	117 Average
Measurable Precip. - Max. Days	22	19	18	18	23	20	22	18	19	16	16	19	23	16	151 Max *1891
Measurable Precip. - Min. Days	3	2	4	2	3	4	3	4	2	1	2	2	4	1	86 Min 1941
SNOWFALL RECORDS															
	Snow Records From 1898 to 2011														
Most Snow in a Month	28.5	21.4	19.7	10.0	0	0	0	0	0	*T	7.3	17.2	28.5	*0	47.0 Sum 1942
Year of Occurrence	1940	1983	1960	1915						*1979	1953	1908	1940		Max for Year
Ave. Monthly snowfall from 1898	4.3	3.7	2.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.3	2.3	4.3	*0	12.9 Average
30-Year Ave. from 1981-2010	3.9	3.4	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	2.1	3.9	*0	10.3 Average
Largest Daily Snow	19.9	13.3	10.6	10.0	0.0	0.0	0.0	0.0	0.0	*T	7.2	15.0	19.9	*0	
Year of Occurrence	1940	1983	1980	1915						*1979	1953	1908	1940		
Measurable Snowfall - Max. Days	8	7	6	1	0	0	0	0	0	0	4	5	8	*0	
Year of Occurrence	1918	*2003	1960	*2007							1938	*2010	1918		
Measurable Snowfall - Ave. Days	2.2	2.0	1.0	0.1							0.2	1.2	2.2	*0	6.6 Average
* Event occurred in other years but the most recent year is listed or value appears twice in the records.															
All statistics & averages are based on the full pd. of records. Temperature records from 1897, Precipitation records from 1887, Snow records from 1898															
Red represents Highest or Maximum Blue represents Lowest or Minimum Green represents Average or Mean Value															
Extra - Longest Period of consecutive days without measurable precipitation was 36 days from October 15, 2001 to November 19, 2001.															
Longest period of consecutive days with measurable precipitation is 11 days - (four occurrences) 10-19-1897 to 10-29-1897,															
08-3-1942 to 08-13-1942, 08-8-1955 to 8-18-1955, 04-30-2003 to 05-10-2003															
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