ST. PETERSBURG | Monthly/Annual

Records updated through December 2023

← Dec Seasons →

Monthly/Annual Normals (1991-2020)

Month	Temperature (°F)			Degree Days		Pcpn
	High	Low	Avg	Heating	Cooling	(in.)
January	69.0	55.3	62.2	138	50	2.52
February	71.9	57.9	64.9	76	74	2.02
March	75.9	62.1	69.0	30	154	2.58
April	81.0	67.3	74.1	4	278	1.93
May	86.3	72.6	79.4	☆	448	2.26
June	88.9	76.7	82.8	0	534	6.79
July	89.6	78.0	83.8	0	583	7.49
August	89.8	78.2	84.0	0	589	8.39
September	88.1	77.0	82.5	☆	526	6.66
October	83.3	72.2	77.8	2	397	2.16
November	76.8	64.5	70.6	20	189	1.46
December	71.5	58.7	65.1	86	89	2.39
Annual	81.0	68.4	74.7	357	3912	46.65

Monthly/Annual Records (began on August 1, 1914)

Month	Average Temp		Precipitation	
	Warmest	Coolest	Maximum	Minimum
January	73.3 in 1937	53.3 in 1940	10.39 in 1948	Trace in 1950
February	72.6 in 2018	55.7 in 1978	12.71 in 1998	0.12 in 1918
March	74.6 in 2012	59.0 in 1915	11.79 in 1987	0.03 in 1956
April	78.6 in 2015	68.5 in 1950	9.73 in 1997	0.00 in 1967
May	82.0 in 2010	*75.3 in 1928	10.64 in 1959	0.00 in 1953
June	86.5 in 2010	79.1 in 1955	23.00 in 1974	0.90 in 1979
July	86.7 in 2005	80.7 in 1947	18.97 in 1945	2.09 in 1996
August	87.5 in 2005	80.8 in 1922	21.85 in 1939	0.82 in 1938
September	85.7 in 2005	79.0 in 1956	25.51 in 1988	*1.09 in 2019
October	81.7 in 1985	72.3 in 1952	17.93 in 1986	0.00 in 1942
November	77.4 in 1986	63.9 in 1917	6.94 in 1988	0.00 in 1931
December	74.2 in 1931	56.4 in 2010	17.41 in 2002	0.07 in 1984
Annual	76.4 in 2020 & 2015	72.3 in 1920	87.62 in 1959	30.41 in 1984

☆ = Greater than zero, but less than 1

* Last of Multiple Occurrences

Monthly/Annual Records (began on August 1, 1914)

Month	Average Maximum Temp		Average Minimum Temp		Heating Degree Days		Cooling Degree Days	
	Warmest	Coolest	Warmest	Coolest	Most	Least	Most	Least
January	80.3 in 1937	61.4 in 1940	66.3 in 1937	44.6 in 1981	365 in 1940	*0 in 1974	264 in 1937	0 in 1981
February	80.2 in 1932	61.5 in 1958	65.9 in 2018	46.4 in 1958	272 in 1958	0 in 1932	224 in 2018	0 in 1978
March	82.8 in 1945	65.9 in 1915	67.7 in 2012	52.0 in 1915	188 in 1915	*0 in 2012	311 in 2020	11 in 1915
April	85.5 in 1947	76.3 in 1993	72.7 in 2015	58.8 in 1950	38 in 1950	*0 in 2023	411 in 2015	128 in 1993
May	89.6 in 1956	82.7 in 1992	75.7 in 2010	67.0 in 1954	6 in 1921	*0 in 2023	533 in 2010	326 in 1917
June	92.9 in 2010	*86.3 in 2012	80.1 in 2010	70.6 in 1955	★	★	653 in 2010	433 in 1955
July	93.5 in 1932	87.3 in 1974	80.7 in 2005	73.0 in 1942	★	★	682 in 2005	474 in 1968
August	93.7 in 2005	87.2 in 2016	81.4 in 2023	73.5 in1922	★	★	708 in 2005	496 in 1974
September	91.9 in 1925	85.0 in 2001	80.0 in 2005	70.7 in 1956	★	★	628 in 2005	428 in 1956
October	88.9 in 1985	79.1 in 1952	76.5 in 2019	*64.8 in 1954	15 in 2008	*0 in 2023	526 in 1985	245 in 1952
November	83.9 in 1942	*71.8 in 1962	71.0 in 1986	*55.6 in 1956	100 in 1950	*0 in 2020	367 in 1986	41 in 1917
December	81.2 in 1931	63.5 in 2010	67.2 in 1931	48.5 in 1989	256 in 1935	0 in 1931	293 in 1931	2 in 2010
Annual	*83.3 in 1972	79.5 in 2010	70.5 in 2015	63.8 in 1954	930 in 2010	149 in 1921	4519 in 2020	3241 in 1940