

**MONTHLY AVERAGE TEMPERATURES CHARLOTTE AREA 1871 - Present**

**Smithsonian Institution Records 1871-1874 (RG 27)**

**National Weather Service Records 1878-Present**

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1871	M	M	M	M	M	M	M	M	68.8	62.0	48.8	M	
1872	M	41.1	45.2	62.1	71.3	75.8	M	75.2	72.0	54.8	43.5	38.6	
1873	39.1	44.2	47.8	60.7	67.7	75.0	78.7	78.5	70.7	54.9	46.5	42.9	58.9
1874	43.1	45.0	52.5	56.5	67.9	78.4	76.8	74.2	74.0	M	M	M	
1878	M	M	M	M	M	M	M	M	M	58.1	50.5	38.7	
1879	41.2	40.7	55.0	58.3	68.5	74.6	79.3	74.1	67.8	65.2	52.1	49.3	60.5
1880	50.4	49.1	51.4	61.5	70.9	76.0	78.7	76.1	69.8	59.7	45.1	37.7	60.5
1881	36.8	44.0	48.0	56.0	70.9	78.5	82.2	80.6	78.0	66.3	51.7	47.4	61.7
1882	43.8	49.9	54.0	61.6	65.5	77.5	78.1	76.6	70.7	63.9	48.4	38.2	60.7
1883	39.4	49.0	46.6	59.1	68.3	77.1	80.2	76.9	69.3	62.4	53.0	47.1	60.7
1884	38.6	51.7	53.9	57.3	69.5	70.9	77.5	75.4	73.2	66.5	50.9	44.1	60.8
1885	40.6	39.0	46.0	59.8	67.5	75.8	78.7	77.0	70.4	57.2	49.3	42.4	58.6
1886	35.4	40.1	48.8	59.6	68.1	72.5	76.5	75.5	72.4	60.1	50.5	39.3	58.2
1887	38.3	49.4	48.5	59.7	71.3	75.5	80.9	76.0	70.3	58.0	50.5	42.0	60.0
1888	42.8	46.6	49.7	63.2	68.8	77.2	79.0	79.0	68.9	57.4	52.0	42.7	60.6
1889	44.1	39.4	51.0	61.2	70.5	73.5	78.8	74.0	70.1	58.5	51.9	54.7	60.6
1890	50.7	52.9	49.5	60.6	69.8	80.2	77.3	75.3	70.8	59.7	55.3	42.9	62.1
1891	43.1	49.0	45.8	61.1	65.4	76.5	74.7	76.5	72.3	56.9	47.8	46.7	59.7
1892	38.2	45.6	47.5	56.8	68.4	76.3	76.7	77.9	69.7	60.2	48.8	42.1	59.0
1893	32.8	44.9	49.7	63.0	66.6	74.1	80.7	75.3	71.1	60.4	48.9	45.7	59.4
1894	44.9	45.1	56.6	59.6	69.3	76.2	76.8	75.9	72.9	61.0	48.5	43.9	60.9
1895	39.1	32.9	49.2	58.5	65.7	76.2	77.1	77.5	76.2	58.1	51.1	42.3	58.7
1896	40.2	44.3	48.2	64.9	75.3	74.2	78.0	79.3	72.7	59.0	55.6	41.6	61.1
1897	37.1	46.4	52.2	59.6	66.6	76.6	78.4	75.7	72.7	64.2	51.4	44.3	60.4
1898	45.0	41.5	55.1	55.7	71.9	77.4	78.4	77.2	73.2	60.7	47.6	43.0	60.6
1899	40.3	37.7	50.6	57.5	71.1	78.1	78.6	79.4	70.5	61.3	52.0	41.2	59.9
1900	41.4	39.5	48.1	59.6	69.0	74.8	79.4	81.9	76.4	65.2	52.1	42.6	60.8
1901	41.5	39.9	50.8	53.6	68.9	75.6	80.0	76.7	70.2	61.0	45.8	40.0	58.7
1902	38.4	36.7	51.7	57.7	72.4	76.5	80.1	76.8	70.0	62.5	57.7	42.4	60.2
1903	39.8	46.3	57.5	58.9	69.8	71.8	79.7	78.8	70.4	60.8	47.6	38.6	60.0
1904	37.3	39.5	52.0	55.6	68.8	75.1	77.6	75.7	72.2	60.0	50.1	40.8	58.7
1905	37.0	34.7	55.8	60.3	70.9	77.5	78.5	75.4	74.0	60.9	51.4	40.9	59.8
1906	44.3	43.4	46.8	63.2	67.8	76.0	76.5	78.8	74.5	57.9	52.4	44.8	60.5
1907	49.6	41.2	57.7	52.8	66.7	72.7	79.6	77.2	73.7	58.5	48.4	42.6	60.1
1908	40.5	38.4	57.6	63.3	68.8	74.4	77.9	75.6	69.6	59.5	53.2	45.8	60.4
1909	45.2	48.9	49.7	61.7	66.7	76.6	76.3	76.0	69.0	58.8	56.2	39.2	60.4
1910	41.6	41.2	57.8	61.4	66.4	72.2	77.6	76.7	73.1	63.6	48.0	38.4	59.8
1911	45.2	47.7	49.7	56.9	71.0	79.0	78.8	79.0	76.4	63.5	46.1	45.5	61.6
1912	34.7	38.7	49.2	61.3	69.5	73.2	77.7	76.4	75.1	62.4	49.9	45.4	59.5
1913	48.9	44.4	53.6	59.2	69.9	75.0	80.4	77.1	68.5	61.0	51.8	44.5	61.2
1914	43.9	39.7	46.1	60.5	70.6	79.7	78.6	77.7	69.2	62.2	50.5	38.4	59.8
1915	41.5	45.7	43.1	61.8	69.3	73.1	79.4	76.0	73.3	64.4	53.3	41.3	60.2
1916	47.5	43.6	49.8	59.0	72.6	74.1	76.1	77.6	70.0	61.0	52.9	43.3	60.6
1917	46.1	42.9	50.3	62.3	63.5	75.2	77.4	76.8	67.7	57.0	49.2	33.5	58.5
1918	32.4	48.6	55.8	57.5	72.3	75.2	75.9	78.8	66.9	64.0	50.7	47.1	60.4
1919	45.0	42.8	52.1	59.9	69.1	75.8	78.6	77.0	72.7	69.9	52.9	41.6	61.5
1920	39.8	39.8	49.9	57.7	65.5	75.6	77.8	74.9	72.7	62.7	49.5	43.0	59.1
1921	42.2	45.5	59.5	61.6	66.0	78.0	79.5	76.1	79.2	60.8	54.0	47.1	62.5
1922	40.2	48.4	53.1	61.0	69.4	77.5	78.8	74.9	73.5	62.9	51.6	46.6	61.5
1923	44.5	42.2	52.7	59.0	66.2	77.0	78.6	78.4	73.7	61.3	48.9	50.2	61.1
1924	40.0	40.6	48.6	58.8	66.0	77.0	77.0	80.0	67.6	60.9	52.2	44.1	59.4
1925	40.5	50.5	54.1	63.9	66.1	80.5	81.4	78.3	80.5	59.5	47.9	42.3	62.1
1926	41.0	46.3	45.0	58.6	69.9	75.5	80.1	80.7	76.3	63.6	47.9	44.4	60.8
1927	42.8	53.4	53.6	61.3	70.6	73.3	78.5	74.8	74.5	64.0	55.0	43.5	62.1
1928	41.8	43.7	50.9	57.1	67.1	75.4	80.6	79.8	68.9	64.5	51.4	44.3	60.5
1929	43.3	42.5	55.9	63.6	68.6	75.0	77.7	76.9	71.0	59.0	51.7	43.5	60.7
1930	44.0	50.6	48.7	62.2	71.9	75.2	81.5	76.7	76.2	59.2	48.8	38.6	61.1
1931	42.4	46.2	46.5	58.5	67.3	77.7	82.5	77.1	77.0	65.0	58.8	50.5	62.5
1932	51.9	51.5	49.0	60.3	68.5	77.5	81.5	78.6	72.0	62.6	48.0	46.6	62.3
1933	49.2	44.4	51.2	59.8	73.0	78.4	77.5	76.7	76.7	61.8	51.0	48.0	62.3
1934	45.1	36.0	47.7	59.8	67.9	77.8	79.9	78.6	74.8	61.5	53.6	42.2	60.4
1935	41.9	44.0	56.9	59.2	68.0	77.7	79.4	78.8	71.9	62.5	54.2	35.9	60.9
1936	37.7	40.3	54.9	57.3	72.5	77.5	80.9	79.5	74.4	63.8	49.6	45.1	61.1
1937	49.4	43.5	50.4	59.2	69.7	78.2	79.0	79.1	69.5	58.4	48.0	42.1	60.5
1938	42.4	49.2	57.4	61.3	70.2	74.4	78.2	80.1	73.0	62.8	54.7	43.2	62.2
1939	45.9	49.6	55.4	60.0	69.1	80.8	79.3	78.7	75.7	65.5	49.6	45.2	62.9
1940	31.3	43.8	48.5	59.1	67.9	78.2	78.7	77.6	71.5	63.0	52.0	47.0	59.9
1941	42.5	40.1	46.3	64.0	72.0	76.9	79.8	79.7	76.1	69.3	52.8	47.1	62.2

1942	42.3	40.2	53.3	64.1	70.5	78.6	81.1	77.8	73.2	63.4	53.3	41.5	61.6
1943	44.1	46.8	49.6	59.6	71.4	81.4	79.2	80.5	69.8	60.7	51.3	43.9	61.5
1944	43.1	46.9	51.0	59.9	73.5	80.8	77.5	76.5	73.3	61.7	49.8	39.4	61.1
1945	42.0	46.4	61.5	63.9	66.7	78.2	79.0	77.3	75.4	61.2	52.9	37.7	61.9
1946	43.4	47.1	59.0	62.6	67.9	76.9	77.8	75.7	71.3	62.5	56.8	47.6	62.4
1947	46.8	37.7	44.3	63.2	70.2	76.1	76.2	79.5	73.7	65.8	48.3	43.6	60.5
1948	37.0	44.7	55.2	64.2	70.1	77.9	81.1	78.0	70.2	58.4	55.0	46.4	61.5
1949	50.5	50.4	52.2	57.9	69.2	77.1	80.3	76.9	69.2	65.3	49.2	44.3	61.9
1950	52.5	47.1	47.9	58.5	70.4	76.7	76.9	76.1	70.2	64.5	47.4	38.6	60.6
1951	42.3	45.2	51.4	59.6	68.0	76.4	79.4	79.7	72.2	64.4	46.1	44.5	60.8
1952	47.7	45.6	50.6	59.9	70.0	80.6	80.0	76.3	70.3	57.2	51.0	42.1	60.9
1953	46.7	47.0	52.7	59.5	74.2	76.9	79.7	77.9	71.0	63.6	51.3	43.1	62.0
1954	43.2	48.2	49.8	63.6	64.0	77.2	80.4	80.8	77.3	63.7	48.4	41.8	61.5
1955	41.3	45.8	53.8	64.8	72.1	73.1	81.3	81.1	74.2	61.0	50.4	40.7	61.6
1956	41.0	47.9	51.2	58.7	70.0	76.8	79.7	79.8	70.0	63.4	50.1	53.0	61.8
1957	44.1	49.8	50.5	64.1	70.3	77.0	80.0	78.0	73.4	57.6	53.0	45.1	61.9
1958	37.3	36.8	46.7	60.6	70.1	76.3	79.5	78.6	72.5	59.9	54.4	39.5	59.4
1959	40.8	45.8	49.2	62.0	71.9	77.0	78.9	79.8	73.0	63.1	50.9	44.3	61.4
1960	42.5	42.6	39.7	63.2	67.9	76.4	78.9	79.6	73.6	63.7	51.8	38.6	59.9
1961	38.1	46.4	52.8	53.0	63.7	72.8	77.3	76.9	75.3	62.0	56.2	42.7	59.8
1962	39.4	46.7	48.2	58.4	74.5	74.7	78.5	77.0	71.2	62.6	48.0	38.0	59.8
1963	37.3	37.5	54.0	62.9	68.8	75.3	77.9	78.9	70.1	63.6	52.7	35.6	59.6
1964	41.5	40.0	50.9	60.6	69.8	77.7	76.9	75.0	70.9	55.6	54.8	45.3	59.9
1965	41.5	44.6	46.8	62.4	73.4	73.2	77.8	78.0	73.1	59.6	51.4	44.0	60.5
1966	36.0	42.2	50.1	58.7	67.6	73.9	79.6	77.2	70.7	57.9	50.2	41.4	58.8
1967	43.3	40.0	53.9	62.6	63.7	73.1	76.3	75.1	67.0	59.9	47.8	46.3	59.1
1968	37.9	38.7	51.5	59.0	64.8	73.8	77.0	79.3	71.3	60.6	49.4	38.6	58.5
1969	38.0	39.6	45.1	60.7	67.8	77.3	80.8	75.6	69.0	60.3	47.7	39.5	58.5
1970	34.7	41.1	48.5	61.2	68.2	74.4	79.5	78.8	75.9	63.5	49.6	44.6	60.0
1971	39.9	41.4	46.2	58.3	65.0	76.5	76.1	75.8	73.1	64.7	49.0	50.6	59.7
1972	44.6	40.3	49.6	58.5	64.6	71.2	76.9	77.1	72.6	59.0	48.7	46.5	59.1
1973	39.6	40.0	54.1	57.6	64.6	74.6	78.5	76.8	74.6	62.1	52.6	41.7	59.7
1974	49.8	44.0	55.1	60.0	68.5	72.2	76.8	75.8	68.4	58.3	49.9	42.1	60.1
1975	45.1	45.0	50.4	59.0	70.5	75.0	76.2	78.8	70.8	63.6	53.5	42.4	60.9
1976	39.3	50.2	54.7	59.8	65.0	72.4	76.9	76.1	69.5	55.5	44.1	39.0	58.5
1977	30.1	42.1	54.8	62.5	69.8	75.2	82.3	79.7	74.4	58.7	53.5	42.5	60.5
1978	36.9	36.7	49.4	61.4	66.6	76.2	78.9	79.0	74.2	60.1	56.2	44.8	60.0
1979	36.6	37.9	53.7	60.2	67.6	71.6	76.6	78.3	70.4	59.3	52.9	43.6	59.1
1980	41.4	38.8	47.4	59.9	68.1	73.9	80.0	80.8	74.8	58.2	48.7	42.5	59.5
1981	36.1	44.1	48.4	64.1	65.1	78.1	78.7	75.1	70.2	58.0	51.3	39.3	59.0
1982	36.0	45.4	52.7	57.5	71.9	75.0	78.3	76.3	70.0	60.5	52.3	47.9	60.3
1983	38.8	41.7	50.6	54.8	66.7	73.8	80.7	80.2	71.0	61.0	50.0	39.6	59.1
1984	38.3	45.4	50.0	56.5	65.9	76.3	76.0	77.1	69.0	67.8	47.8	50.0	60.0
1985	35.6	43.1	54.0	61.4	68.0	75.7	77.4	75.7	70.6	64.7	58.6	39.7	60.4
1986	38.8	46.7	52.7	64.3	69.5	80.5	84.7	76.9	74.1	64.0	53.1	43.4	62.4
1987	40.0	42.9	51.0	58.9	71.6	77.7	82.3	81.4	73.5	56.2	53.5	45.5	61.2
1988	35.8	43.4	52.7	60.6	68.4	75.3	79.6	80.9	71.7	56.3	53.0	43.7	60.1
1989	46.8	45.9	53.4	60.7	66.7	78.2	79.6	77.7	71.8	63.5	52.1	36.5	61.1
1990	48.5	52.2	55.9	61.1	69.0	77.7	81.1	80.1	74.0	63.8	55.4	49.0	64.0
1991	43.1	48.4	55.2	64.4	74.0	77.5	82.2	78.4	73.8	63.5	51.3	48.2	63.3
1992	45.0	48.7	52.7	61.3	66.0	73.9	82.3	76.1	72.1	59.9	52.4	42.9	61.1
1993	45.0	43.1	49.6	58.7	70.5	78.8	85.5	80.2	74.8	62.2	52.7	42.9	62.0
1994	38.4	46.7	55.1	64.7	67.1	79.0	79.9	77.2	71.0	61.8	55.6	48.0	62.0
1995	42.1	41.8	54.3	62.3	69.2	74.0	80.4	79.9	70.4	62.8	47.1	40.9	60.4
1996	39.3	44.5	47.3	59.0	70.2	76.8	78.9	76.9	71.6	61.9	47.6	46.3	60.0
1997	42.7	48.5	58.3	58.1	66.3	73.0	81.2	78.9	73.3	62.7	48.7	42.9	61.2
1998	47.1	49.7	52.0	62.3	74.3	80.8	79.7	77.1	73.1	61.6	53.2	47.7	63.2
1999	45.7	46.1	47.7	62.1	65.8	73.3	78.8	79.4	69.1	58.9	54.1	43.5	60.4
2000	39.8	46.5	55.1	57.0	69.3	75.8	76.9	76.5	69.1	60.6	48.7	35.2	59.2
2001	40.7	47.8	48.7	61.2	68.1	75.6	76.3	79.6	69.0	58.0	56.4	48.3	60.8
2002	43.1	44.2	51.7	64.3	65.9	76.2	80.6	78.0	73.3	61.7	48.4	40.9	60.7
2003	37.3	42.6	54.1	58.6	66.4	72.8	76.5	77.6	69.8	60.2	55.7	40.5	59.3
2004	39.7	40.0	53.8	59.5	72.1	75.0	77.9	74.6	71.1	63.0	53.1	42.0	60.2
2005	44.1	45.3	49.0	58.5	64.7	74.5	79.5	79.5	74.9	61.9	51.8	40.1	60.3
2006	47.0	43.5	51.7	63.1	65.8	74.5	78.2	78.8	69.8	57.8	51.8	47.4	60.8
2007	44.0	41.0	56.8	58.5	67.6	75.9	76.7	83.7	75.0	66.1	50.0	48.8	62.0
2008	40.5	46.7	52.3	58.6	67.1	79.0	78.5	77.5	71.5	58.3	46.6	46.9	60.3
2009	40.0	44.5	50.7	60.0	69.1	76.8	77.0	78.4	71.6	59.2	53.1	39.9	60.0
2010	37.5	38.3	50.9	62.7	71.5	80.2	82.0	80.9	75.4	61.7	50.9	34.8	60.6
2011	37.3	48.0	52.5	63.3	69.7	78.4	81.8	79.2	72.0	58.8	52.1	47.9	61.8
2012	44.7	46.9	61.2	61.1	71.5	74.7	82.3	77.1	71.3	60.2	48.0	48.9	62.3
2013	45.1	42.7	46.1	60.7	66.4	76.3	78.1	76.2	72.3	62.4	47.7	46.4	60.0
2014	35.5	45.4	47.3	61.1	69.6	77.1	77.5	76.4	72.1	63.0	47.2	45.7	59.9
2015	40.3	37.4	54.1	62.2	71.7	80.1	82.0	79.5	73.0	60.4	54.6	55.4	62.6
2016	39.4	44.5	58.5	61.8	68.1	78.4	82.8	82.5	76.8	64.2	53.5	44.6	62.9

2017	47.6	53.5	52.9	65.4	69.5	75.8	81.3	78.1	72.4	63.9	51.9	45.0	63.1
2018	37.8	54.5	49.1	58.7	74.0	79.3	80.3	79.7	78.9	64.1	48.7	45.8	62.6
2019	43.9	50.1	50.6	63.1	74.3	76.6	81.6	79.3	78.7	67.1	48.6	47.5	63.5
2020	46.9	48.8	58.6	60.6	65.5	76.0	82.0	79.8	71.4	64.7	56.7	43.5	62.9
2021	42.3	44.1	55.9	60.6	68.3	77.2	80.1	80.4	72.7	66.7	49.6	53.2	62.6
2022	41.1												
<b>NORMAL</b>	<b>40.1</b>	<b>43.9</b>	<b>51.2</b>	<b>59.4</b>	<b>67.4</b>	<b>75.3</b>	<b>78.5</b>	<b>77.3</b>	<b>70.8</b>	<b>60.3</b>	<b>50.8</b>	<b>42.4</b>	<b>59.9</b>
<b>WARMEST</b>	52.5	54.5	61.5	65.4	75.3	81.4	85.4	83.7	80.5	69.9	58.8	55.4	64.0
	1950	2018	1945	2017	1896	1943	1993	2007	1925	1919	1931	2015	1990
<b>COLDEST</b>	30.1	32.9	39.7	52.8	63.5	70.9	74.7	74.0	66.9	55.5	44.1	33.5	58.2
	1977	1895	1960	1907	1917	1884	1891	1889	1918	1976	1976	1917	1886