



Washington D.C. Temperatures

\*\*\* PLEASE NOTE \*\*\*

Climate data on this page are PRELIMINARY (unofficial).

CERTIFIED (official) climate data are available from the

National Centers for Environmental Information (NCEI) - <http://www.ncdc.gov>

\*\*\* PLEASE NOTE \*\*\*

<u>YEAR</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>ANNUAL</u>	<u>WINTER</u>
1871	32.6	35.9	48.0	58.2	63.9	73.2	74.0	76.8	62.3	58.1	42.3	32.1	54.8	M
1872	31.7	33.7	35.4	56.0	67.4	75.4	81.1	79.0	69.0	55.5	42.5	31.0	54.8	32.5
1873	32.2	34.8	41.8	53.1	63.6	75.1	79.8	74.8	68.0	54.9	40.8	40.5	54.8	32.7
1874	39.4	37.2	44.5	47.1	63.8	77.5	78.9	72.7	70.1	55.9	44.6	39.2	56.0	39.0
1875	28.5	28.8	39.1	48.0	63.6	72.9	77.0	71.9	64.6	53.6	41.0	36.8	52.2	32.2
1876	40.4	36.7	39.4	51.4	64.5	75.8	80.4	75.5	65.2	50.7	45.2	27.1	54.3	38.0
1877	29.4	39.4	41.0	52.9	61.9	73.9	77.8	76.3	66.9	58.6	46.2	41.8	55.5	32.0
1878	33.5	39.8	49.4	58.3	62.5	69.1	80.2	75.0	68.9	57.0	45.4	33.3	56.0	38.4
1879	30.8	32.2	43.8	52.8	65.7	73.3	79.0	75.3	65.2	63.0	46.7	41.9	55.8	32.1
1880	41.9	40.8	41.8	55.5	70.5	74.3	76.7	74.9	67.9	54.9	40.2	29.0	55.6	41.5
1881	27.6	32.8	40.1	50.3	67.0	70.7	77.4	76.5	78.2	62.9	47.5	41.7	56.0	29.8
1882	33.2	40.4	44.1	50.8	59.2	73.8	76.0	73.9	69.1	60.9	42.9	34.1	54.9	38.4
1883	29.6	37.5	37.6	50.9	63.6	74.4	76.8	72.1	65.1	56.9	47.2	36.9	54.0	33.7
1884	29.4	40.9	42.2	50.9	64.4	72.5	74.2	74.2	71.7	59.6	44.7	36.0	55.1	35.7
1885	32.9	26.9	34.5	53.1	62.3	71.1	77.8	73.4	66.1	54.7	45.3	37.5	53.0	31.9
1886	28.9	32.1	42.0	55.5	62.1	69.9	73.9	73.1	69.3	57.6	46.1	30.7	53.4	32.8
1887	32.9	38.9	38.5	51.6	67.9	72.1	80.5	73.2	65.0	55.4	41.9	37.2	54.8	34.2
1888	30.2	35.7	37.4	52.9	62.7	73.0	73.6	75.8	64.8	52.6	47.4	37.5	53.6	34.4
1889	39.2	31.1	43.4	54.4	64.6	70.8	75.8	72.4	65.6	52.5	46.2	45.6	55.1	35.9
1890	43.8	43.4	41.4	53.6	63.8	74.8	75.0	73.6	67.8	56.4	48.0	34.2	56.3	44.3
1891	37.4	41.4	38.6	55.4	61.4	71.6	72.0	74.5	70.3	54.4	44.0	43.2	55.4	37.7
1892	31.6	37.0	37.7	51.4	63.8	76.2	75.8	76.2	66.1	55.4	43.7	33.2	54.0	37.3
1893	24.6	35.1	41.1	53.8	61.6	72.5	77.0	74.6	66.0	56.5	43.6	38.3	53.7	31.0
1894	37.8	35.2	48.5	53.2	65.9	73.6	77.9	74.0	71.4	57.9	44.0	37.4	56.4	37.1
1895	31.6	26.2	41.8	53.8	62.6	74.6	72.8	77.2	72.4	52.1	46.4	38.8	54.2	31.7
1896	33.3	36.7	38.5	56.6	68.8	71.3	76.7	75.8	67.8	54.0	50.6	35.6	55.5	36.3
1897	31.0	36.6	46.0	52.9	62.4	69.6	76.9	73.4	68.2	58.0	46.0	38.1	54.9	34.4
1898	36.6	35.0	48.8	50.9	64.4	73.5	78.8	76.9	71.0	57.8	44.0	35.6	56.1	36.6
1899	33.4	27.4	42.2	54.0	64.4	74.3	76.6	74.8	65.8	58.5	45.3	36.2	54.4	32.1
1900	35.2	33.7	38.8	54.2	64.4	72.2	78.7	79.6	73.6	61.6	49.2	36.5	56.5	35.0

1901	34.9	29.8	45.0	50.6	62.5	72.4	79.8	76.0	67.4	55.6	40.6	34.8	54.1	33.7
1902	31.8	29.8	46.7	52.9	65.4	71.8	77.0	72.6	66.8	57.6	51.3	34.4	54.8	32.1
1903	33.4	37.4	50.0	54.0	64.4	67.0	76.0	71.8	67.2	56.8	41.6	32.2	54.3	35.1
1904	27.5	28.4	42.2	49.7	65.0	71.0	74.4	72.3	67.4	54.1	43.1	30.9	52.2	29.4
1905	29.8	26.4	45.0	54.0	65.2	71.8	76.4	73.6	68.2	56.9	44.4	37.5	54.1	29.0
1906	40.0	34.0	37.6	55.5	64.4	72.8	75.2	76.4	72.9	56.9	47.8	37.0	55.9	37.2
1907	37.2	30.2	48.8	48.4	59.2	65.9	75.8	72.4	69.4	52.0	44.5	38.1	53.5	34.8
1908	34.2	30.8	47.4	56.4	65.3	71.8	78.0	73.2	66.6	58.2	46.0	37.0	55.4	34.4
1909	36.0	43.0	42.1	54.2	64.4	73.9	74.7	73.0	66.4	53.2	50.8	31.8	55.2	38.7
1910	33.6	34.6	51.2	57.9	61.4	69.7	77.6	73.8	71.0	60.2	41.4	30.5	55.2	33.3
1911	38.2	37.0	41.0	51.2	70.0	73.0	78.7	76.6	70.4	57.2	42.8	41.0	56.4	35.2
1912	25.0	31.0	40.9	55.6	65.1	70.4	75.8	73.4	70.4	59.3	46.9	40.0	54.5	32.3
1913	43.6	36.6	49.0	55.5	64.4	72.8	77.6	74.2	67.4	58.8	47.8	40.4	57.3	40.1
1914	38.6	30.1	39.4	53.5	67.0	73.8	75.9	76.4	66.0	60.2	45.4	32.8	54.9	36.4
1915	35.6	38.8	38.8	59.4	62.5	70.6	76.1	74.0	71.0	58.6	46.2	35.2	55.6	35.7
1916	39.8	34.2	37.9	53.4	66.7	69.7	77.8	75.2	66.6	56.6	46.3	35.5	55.0	36.4
1917	35.0	32.8	43.4	54.2	59.6	72.6	76.6	75.9	63.8	52.0	42.8	27.9	53.0	34.4
1918	23.7	36.8	48.4	53.2	69.6	70.8	74.4	77.6	64.2	60.6	46.3	41.6	55.6	29.5
1919	38.1	37.2	46.4	53.8	64.6	73.9	77.2	73.6	69.4	63.2	46.8	32.6	56.4	39.0
1920	28.7	32.7	45.5	52.6	60.0	71.6	75.0	74.8	68.8	61.2	45.9	39.3	54.7	31.3
1921	36.6	39.0	55.5	59.2	62.3	74.2	79.3	72.8	74.4	57.0	47.5	37.9	58.0	38.3
1922	32.0	38.6	45.4	55.6	66.8	74.5	76.6	73.1	69.9	59.4	47.9	37.6	56.4	36.2
1923	36.8	32.6	45.4	53.6	63.4	75.6	75.7	74.4	69.6	56.1	45.1	45.0	56.1	35.7
1924	35.0	34.2	42.6	51.9	60.0	71.3	75.0	74.8	64.3	57.4	46.0	36.4	54.1	38.1
1925	32.9	43.0	46.4	56.9	60.6	77.4	76.8	73.0	72.8	52.0	44.3	37.0	56.1	37.4
1926	33.8	36.5	40.1	51.1	64.3	69.1	76.7	76.4	69.0	57.2	45.1	33.8	54.5	35.8
1927	34.0	42.1	47.6	51.9	64.0	68.6	76.4	70.0	70.1	60.4	51.0	39.1	56.3	36.6
1928	35.9	37.6	44.1	51.9	63.1	71.0	78.1	77.0	64.9	59.9	49.4	39.2	56.0	37.5
1929	34.9	35.0	50.2	57.6	64.5	72.9	76.9	74.4	70.2	55.6	47.6	38.4	56.5	36.4
1930	35.6	41.9	45.0	53.2	67.3	75.1	80.4	76.8	76.0	56.2	46.7	35.7	57.5	38.6
1931	37.0	39.4	41.3	54.2	65.1	73.3	79.6	75.6	74.1	61.2	54.0	44.2	58.2	37.4
1932	46.8	42.9	40.0	52.6	64.2	73.2	77.4	77.8	70.3	58.0	44.7	39.6	57.3	44.6
1933	42.6	38.4	43.0	55.7	67.2	74.7	76.1	76.0	71.8	56.5	45.0	38.6	57.1	40.2
1934	39.1	24.6	41.2	53.9	66.5	77.2	80.8	74.1	70.6	56.2	49.6	37.3	55.9	34.1
1935	33.3	35.4	50.2	51.9	61.8	73.4	79.4	76.8	67.0	58.2	50.2	32.1	55.8	35.3
1936	30.6	29.6	50.3	52.2	67.4	72.8	78.4	77.9	71.4	59.7	45.0	39.8	56.3	30.8

1937	43.8	36.6	42.1	53.4	65.8	75.1	77.2	77.8	65.9	55.3	46.6	37.0	56.4	40.1
1938	35.7	40.9	49.8	57.1	63.4	72.8	78.4	78.6	67.4	58.8	49.8	38.4	57.6	37.9
1939	37.8	42.3	46.4	53.4	68.0	75.4	76.2	78.8	71.0	58.4	46.0	40.1	57.8	39.5
1940	24.9	37.1	40.7	50.8	64.4	74.8	77.5	73.4	66.8	55.7	48.2	42.8	54.8	34.0
1941	34.8	33.8	39.8	60.6	66.8	73.2	77.0	76.1	72.8	64.4	50.4	41.9	57.6	37.1
1942	34.9	34.2	47.4	59.0	69.1	74.4	78.8	75.1	70.4	60.3	48.3	34.9	57.2	37.0
1943	36.2	38.8	45.4	51.2	67.1	79.2	78.5	79.0	67.6	56.4	46.7	36.4	56.9	36.6
1944	37.4	38.2	43.0	53.8	71.6	74.8	79.2	76.2	70.5	56.4	47.4	34.4	56.9	37.3
1945	30.8	38.4	56.2	59.5	62.8	74.5	76.4	74.8	72.8	57.6	49.3	32.9	57.1	34.5
1946	36.8	39.2	53.0	56.0	65.2	72.4	76.2	72.6	70.0	61.4	51.8	41.4	58.0	36.3
1947	41.7	31.4	40.0	57.2	64.6	71.6	75.5	79.0	69.8	64.5	46.2	36.6	56.5	38.2
1948	28.8	36.8	48.0	55.9	64.6	74.0	78.0	75.8	69.4	56.2	51.4	40.2	56.6	34.1
1949	42.6	43.8	46.6	55.0	66.0	75.1	81.0	77.6	67.1	63.4	48.1	41.9	59.0	42.2
1950	48.0	38.7	41.7	52.4	64.5	73.9	76.2	75.6	66.9	61.0	47.9	35.6	56.9	42.9
1951	39.3	38.6	45.6	55.9	64.9	73.4	78.7	76.8	70.3	62.1	44.1	40.9	57.6	37.8
1952	40.7	41.1	43.3	57.0	64.2	76.9	80.5	76.2	68.9	55.3	48.2	38.9	57.6	40.9
1953	40.7	42.6	47.5	56.1	70.1	74.6	79.6	76.3	69.7	60.5	48.1	40.9	58.9	40.7
1954	35.9	43.5	44.5	59.6	62.6	74.4	78.8	75.2	73.3	62.0	45.2	37.1	57.7	40.1
1955	35.4	37.8	47.1	58.2	67.1	70.2	82.1	78.3	69.9	59.6	45.5	33.6	57.1	36.8
1956	34.5	41.1	43.2	53.6	63.6	73.3	75.6	75.0	66.6	59.0	46.1	44.2	56.3	36.4
1957	32.9	41.4	45.8	59.2	67.2	76.6	79.2	75.7	71.9	55.4	49.6	41.4	58.0	39.5
1958	34.4	31.2	41.4	57.1	65.2	71.3	79.1	75.4	69.1	59.1	49.9	32.9	55.5	35.7
1959	34.9	39.0	45.4	58.5	69.8	76.0	78.5	80.3	73.2	62.2	46.8	42.0	58.9	35.6
1960	38.2	38.3	35.6	61.2	63.7	74.1	77.0	78.5	71.3	58.7	48.5	31.0	56.3	39.5
1961	29.8	38.3	47.6	52.0	62.2	73.2	78.6	77.6	74.8	59.9	50.2	36.4	56.7	33.0
1962	34.6	34.6	44.2	56.3	68.7	73.8	75.3	76.8	67.0	60.3	44.9	33.2	55.8	35.2
1963	31.4	31.0	48.5	57.8	64.9	73.7	77.6	75.4	66.5	61.2	49.8	31.1	55.7	31.9
1964	36.3	36.9	47.5	54.1	68.1	76.0	79.1	75.5	69.9	55.1	51.0	39.9	57.5	34.8
1965	33.4	36.8	41.4	51.8	69.1	72.6	78.2	77.2	72.6	57.5	49.5	41.5	56.8	36.7
1966	32.4	36.2	47.5	52.7	65.0	76.0	80.9	78.7	68.6	57.0	49.5	37.6	56.8	36.7
1967	41.0	34.0	45.0	57.6	60.0	74.7	77.2	76.2	68.0	57.9	45.0	39.9	56.4	37.5
1968	31.4	34.3	49.7	58.0	63.7	74.1	79.9	79.2	72.0	61.3	50.0	36.6	57.5	35.2
1969	34.2	36.9	43.0	58.7	68.4	77.1	79.5	76.3	70.1	58.8	47.2	36.3	57.2	35.9
1970	30.0	37.1	41.9	55.3	68.3	75.2	79.2	79.0	75.0	62.5	49.3	39.7	57.7	34.5
1971	31.3	39.1	43.2	55.0	63.7	75.9	78.3	76.7	73.0	64.7	48.2	45.5	57.9	36.7
1972	38.5	36.5	45.6	54.1	64.6	70.2	77.5	75.9	71.0	56.0	46.8	43.6	56.7	40.2
1973	37.6	37.0	51.1	56.0	62.8	77.1	79.2	79.9	74.3	63.3	51.6	41.9	59.3	39.4

1974	42.9	39.2	49.2	58.3	65.1	71.5	79.0	78.4	70.2	57.3	50.9	43.1	58.8	41.3
1975	40.9	40.6	45.2	53.6	69.7	76.4	79.3	80.1	68.5	63.2	54.4	40.5	59.4	41.5
1976	33.9	46.9	51.3	59.9	65.0	77.6	78.4	76.7	70.4	55.4	43.0	35.5	57.9	40.4
1977	25.4	38.8	52.7	60.1	69.4	74.3	80.9	78.8	73.9	59.0	51.8	38.1	58.6	33.2
1978	32.5	31.4	44.4	57.7	65.8	76.7	78.8	81.3	73.6	59.4	52.2	43.1	58.1	34.0
1979	35.1	28.4	51.5	56.0	67.7	72.4	78.6	78.5	71.6	58.6	54.4	43.7	58.1	35.5
1980	37.2	36.1	46.2	60.1	69.5	74.8	82.3	82.8	77.1	59.9	48.6	39.8	59.5	39.0
1981	33.0	43.7	47.6	62.1	66.2	78.7	80.2	77.0	71.0	58.3	51.4	38.5	59.0	38.8
1982	28.1	38.3	45.7	54.0	69.0	72.8	80.3	75.4	70.6	60.2	51.8	45.5	57.7	35.0
1983	38.1	38.7	48.8	53.3	64.9	75.0	81.2	81.0	72.6	60.5	50.3	36.0	58.4	40.8
1984	32.2	43.8	41.8	54.9	64.9	76.9	76.5	77.8	68.3	65.2	46.0	45.6	57.8	37.3
1985	30.8	37.8	47.7	61.6	68.1	72.3	79.0	76.7	71.9	61.2	54.3	36.4	58.2	38.1
1986	35.4	35.3	47.4	56.2	68.1	76.6	81.1	74.6	70.9	61.1	46.5	39.8	57.8	35.7
1987	34.7	37.0	47.7	54.8	67.2	76.4	82.6	78.7	72.1	54.4	49.9	41.5	58.1	37.2
1988	31.0	37.3	47.2	54.4	65.8	74.4	81.9	80.7	68.9	54.4	49.9	38.7	57.1	36.6
1989	39.9	37.8	46.1	55.4	64.1	76.8	78.3	77.1	71.4	60.5	48.0	27.9	56.9	38.8
1990	43.6	45.2	50.2	56.8	64.3	75.0	79.4	76.5	69.6	62.8	52.0	44.5	60.0	38.9
1991	38.6	43.0	48.8	58.2	73.0	76.8	81.4	80.0	71.0	60.4	48.8	42.3	60.2	42.0
1992	38.2	41.2	45.0	55.4	62.3	71.7	79.5	74.0	69.2	56.0	48.8	39.6	56.7	40.6
1993	39.7	34.3	42.2	54.8	67.4	75.3	83.1	79.6	71.0	58.1	48.8	38.1	57.7	37.9
1994	28.8	36.3	45.4	62.0	63.1	79.4	81.8	75.5	70.2	59.1	53.3	44.2	58.3	34.4
1995	39.6	34.3	49.2	56.3	65.8	74.6	81.5	81.3	70.9	62.3	43.1	35.6	57.9	39.4
1996	32.9	37.3	42.9	56.8	63.9	77.2	77.6	76.5	70.6	59.4	44.1	43.0	56.9	35.3
1997	37.0	44.7	48.7	54.0	62.9	73.1	80.4	77.6	70.5	59.6	46.2	41.0	58.0	41.6
1998	43.0	43.4	46.9	57.4	67.5	73.0	78.9	79.4	75.4	60.1	50.3	44.4	60.0	42.5
1999	38.2	41.0	44.5	56.5	67.3	74.7	83.0	79.7	70.0	57.2	53.1	42.0	58.9	41.2
2000	35.9	42.5	51.7	55.6	67.8	74.7	74.7	75.1	67.6	60.2	46.7	31.8	57.0	40.1
2001	35.5	40.9	43.8	57.6	65.9	75.2	75.3	78.9	68.9	59.7	54.8	45.5	58.5	36.1
2002	41.6	42.6	47.7	60.0	65.2	76.1	80.9	81.1	73.0	58.7	47.1	37.2	59.3	43.2
2003	31.1	33.7	47.1	55.1	61.7	71.4	77.8	78.8	70.5	57.5	53.1	39.2	56.4	34.0
2004	30.6	38.2	48.8	57.4	71.8	73.4	78.6	75.9	71.6	58.3	51.0	40.1	58.0	36.0
2005	36.1	39.6	43.1	57.3	61.9	75.7	80.5	80.1	75.0	60.5	50.2	36.4	58.0	38.6
2006	43.1	38.6	47.9	59.5	65.1	74.5	80.4	80.6	67.8	57.3	50.7	44.2	59.1	39.4
2007	40.7	30.9	47.7	53.6	67.8	76.1	79.3	79.7	72.9	67.1	49.8	41.8	59.0	38.6
2008	40.0	41.0	49.0	58.9	64.7	77.9	80.8	77.9	74.0	58.9	46.6	40.3	59.2	40.9
2009	31.7	39.8	45.2	57.0	65.5	73.7	76.9	79.9	70.2	58.5	52.2	37.9	57.4	37.3
2010	35.3	34.2	51.2	60.9	69.4	80.6	83.1	80.2	75.5	61.6	50.5	34.6	59.8	35.8

2011	33.7	41.8	45.6	58.8	68.4	78.8	84.5	80.0	71.3	58.4	52.4	45.0	59.9	36.7
2012	40.8	44.4	56.8	58.3	71.4	76.3	84.0	81.0	72.2	61.0	46.6	45.4	61.5	43.4
2013	40.3	38.4	43.8	58.9	66.7	76.5	81.2	77.1	71.3	62.4	46.6	42.3	58.8	41.4
2014	32.2	37.8	42.9	57.3	68.5	77.2	79.4	77.7	73.8	62.9	48.0	43.7	58.5	37.4
2015	35.6	30.3	45.3	59.4	73.2	78.1	81.5	79.3	74.9	58.9	53.7	51.2	60.1	36.5
2016	34.9	39.9	53.5	56.9	63.9	76.2	82.7	82.7	76.0	63.1	52.6	41.8	60.4	42.0
2017	42.1	47.7	47.2	63.8	65.5	77.3	81.7	77.4	72.5	64.9	49.8	39.2	60.8	43.9
2018	35.7	45.3	43.6	54.9	72.4	76.2	80.7	81.0	75.5	62.6	46.5	43.5	59.8	40.1
2019	37.2	42.2	46.8	62.4	71.0	76.4	82.1	80.1	76.5	64.1	46.1	42.2	60.6	41.0
2020	42.4	43.8	53.2	55.3	63.8	77.0	83.9	79.6	70.2	61.9	54.3	41.4	60.6	42.8
2021	38.6	37.8	51.2	58.2	66.1	76.6	80.9	80.9	73.2	66.3	47.9	47.6	60.4	39.3
2022	34.6	42.6	50.4	56.9	67.8	76.0	81.1	80.4	72.7	58.2	52.6	40.1	59.5	41.6
2023	45.2	46.7	49.1	62.1	65.0	74.1	81.6	78.7	73.4	63.1	49.6	45.5	61.2	44.0
2024	39.8	44.4	51.9	60.5	69.3	79.7	83.7	79.3	72.5	63.0	55.2	41.9	61.8	43.2
2025	34.2	41.0	54.3	61.7	67.0	76.9	82.4	75.8	72.2	60.3	49.9	37.3	59.4	39.0
2026	33.3	36.3	52.7	62.0	65.8									35.6
NORM	37.5	40.0	47.6	58.2	67.2	76.3	81.0	79.4	72.4	60.8	49.9	41.7	59.3	39.7
<u>YEAR</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>ANN</u>	<u>WINTER</u>

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<u>SPRING</u>	<u>SUMMER</u>	<u>AUTUMN</u>	<u>1ST HALF</u>	<u>2ND HALF</u>
56.7	74.7	54.2	52.0	57.6
52.9	78.5	55.7	49.9	59.7
52.8	76.6	54.6	50.1	59.8
51.8	76.4	56.9	51.6	60.2
50.2	73.9	53.1	46.8	57.5
51.8	77.2	53.7	51.4	57.4
51.9	76.0	57.2	49.8	61.3
56.7	74.8	57.1	52.1	60.0
54.1	75.9	58.3	49.8	61.9
55.9	75.3	54.3	54.1	57.3
52.5	74.9	62.9	48.1	64.0
51.4	74.6	57.6	50.3	59.5
50.7	74.4	56.4	48.9	59.2
52.5	73.6	58.7	50.1	60.1
50.0	74.1	55.4	46.8	59.1
53.2	72.3	57.7	48.4	58.5
52.7	75.3	54.1	50.3	58.9
51.0	74.1	54.9	48.7	58.6
54.1	73.0	54.8	50.6	59.7
52.9	74.5	57.4	53.5	59.2
51.8	72.7	56.2	51.0	59.7
51.0	76.1	55.1	49.6	58.4
52.2	74.7	55.4	48.1	59.3
55.9	75.2	57.8	52.4	60.4
52.7	74.9	57.0	48.4	60.0
54.6	74.6	57.5	50.9	60.1
53.8	73.3	57.4	49.8	60.1
54.7	76.4	57.6	51.5	60.7
53.5	75.2	56.5	49.3	59.5
52.5	76.8	61.5	49.8	63.2

52.7	76.1	54.5	49.2	59.0
55.0	73.8	58.6	49.7	60.0
56.1	71.6	55.2	51.0	57.6
52.3	72.6	54.9	47.3	57.0
54.7	73.9	56.5	48.7	59.5
52.5	74.8	59.2	50.7	61.0
52.1	71.4	55.3	48.3	58.7
56.4	74.3	56.9	51.0	59.8
53.6	73.9	56.8	52.3	58.3
56.8	73.7	57.5	51.4	59.1
54.1	76.1	56.8	51.7	61.1
53.9	73.2	58.9	48.0	61.0
56.3	74.9	58.0	53.7	61.0
53.3	75.4	57.2	50.4	59.5
53.6	73.6	58.6	51.0	60.2
52.7	74.2	56.5	50.3	59.7
52.4	75.0	52.9	49.6	56.5
57.1	74.3	57.0	50.4	60.8
54.9	74.9	59.8	52.3	60.5
52.7	73.8	58.6	48.5	60.8
59.0	75.4	59.6	54.5	61.5
55.9	74.7	59.1	52.2	60.8
54.1	75.2	56.9	51.2	61.0
51.5	73.7	55.9	49.2	59.0
54.6	75.7	56.4	52.9	59.3
51.8	74.1	57.1	49.2	59.7
54.5	71.7	60.5	51.4	61.2
53.0	75.4	58.1	50.6	61.4
57.4	74.7	57.8	52.5	60.5
55.2	77.4	59.6	53.0	62.0
53.5	76.2	63.1	51.7	64.8
52.3	76.1	57.7	53.3	61.3
55.3	75.6	57.8	53.6	60.7
53.9	77.4	58.8	50.4	61.4
54.6	76.5	58.5	51.0	60.6
56.6	76.4	58.7	50.5	62.0

53.8	76.7	55.9	52.8	60.0
56.8	76.6	58.7	53.3	61.9
55.9	76.8	58.5	53.9	61.8
52.0	75.2	56.9	48.8	60.7
55.7	75.4	62.5	51.5	63.8
58.5	76.1	59.7	53.2	61.3
54.6	78.9	56.9	53.0	60.8
56.1	76.7	58.1	53.1	60.7
59.5	75.2	59.9	53.7	60.6
58.1	73.7	61.1	53.8	62.2
53.9	75.4	60.2	51.1	61.9
56.2	75.9	59.0	51.4	61.8
55.9	77.9	59.5	54.9	63.2
52.9	75.2	58.6	53.2	60.5
55.5	76.3	58.8	53.0	62.2
54.8	77.9	57.5	53.9	61.3
57.9	76.8	59.4	55.3	62.5
55.6	76.1	60.2	53.4	61.9
57.5	76.9	58.3	52.6	61.5
53.5	74.6	57.2	51.6	61.1
57.4	77.2	59.0	53.9	62.2
54.6	75.3	59.4	50.1	60.9
57.9	78.3	60.7	53.9	63.8
53.5	76.5	59.5	51.9	60.8
53.9	76.5	61.6	50.5	62.9
56.4	75.3	57.4	52.0	59.6
57.1	75.6	59.2	51.2	60.3
56.6	76.9	58.7	53.2	61.8
54.1	76.0	59.9	50.9	62.8
55.1	78.5	58.4	51.6	62.1
54.2	76.0	57.0	52.1	60.7
57.1	77.7	61.1	51.9	63.2
56.7	77.6	58.7	53.1	61.4
55.2	77.8	62.3	51.3	64.1
54.0	77.0	62.0	51.4	64.4
54.8	74.5	57.9	51.6	61.8
56.6	78.7	63.1	53.6	65.0

57.5	76.3	59.5	54.4	63.2
56.2	78.6	62.0	54.4	64.3
58.7	77.6	56.3	55.8	59.9
60.7	78.0	61.6	53.5	63.8
56.0	78.9	61.7	51.4	64.7
58.4	76.5	61.5	51.9	64.2
58.6	80.0	61.9	54.0	65.1
58.6	78.6	60.2	55.2	62.7
56.2	76.2	60.9	51.3	64.0
55.7	79.1	61.1	53.1	63.6
53.9	77.1	59.8	52.4	63.2
59.1	76.0	62.5	53.1	63.3
57.2	77.4	59.5	53.2	62.3
56.6	79.2	58.8	53.0	63.2
55.8	79.0	57.7	51.7	62.4
55.2	77.4	60.0	53.4	60.5
57.1	77.0	61.5	55.9	64.1
60.0	79.4	60.1	56.4	64.0
54.2	75.1	58.0	52.3	61.2
54.8	79.3	59.3	52.3	63.1
56.8	78.9	60.9	52.5	64.0
57.1	79.1	58.8	53.3	62.5
54.5	77.1	58.0	51.8	61.9
55.2	77.0	58.8	53.4	62.6
57.3	77.1	61.9	55.2	64.8
56.1	79.1	60.1	53.7	64.2
58.4	74.8	58.2	54.7	59.4
55.8	76.5	61.1	53.2	63.9
57.6	79.4	59.6	55.5	63.0
54.6	76.0	60.4	50.0	62.8
59.3	76.0	60.3	53.4	62.6
54.1	78.8	61.9	52.3	63.8
57.5	78.5	58.6	54.8	63.5
56.4	78.4	63.3	52.8	65.1
57.5	78.9	59.8	55.3	63.1
55.9	76.8	60.3	52.2	62.6
60.5	81.3	62.5	55.3	64.3

57.6	81.1	60.7	54.5	65.3
62.2	80.4	59.9	58.0	65.0
56.5	78.3	60.1	54.1	63.5
56.2	78.1	61.6	52.7	64.3
59.3	79.6	62.5	53.7	66.6
58.1	80.5	63.9	54.2	66.5
58.8	78.8	62.4	57.3	64.3
57.0	79.3	61.5	54.7	65.0
60.1	79.5	62.2	56.0	65.2
57.4	80.2	62.1	55.9	65.2
58.5	79.5	62.5	54.8	66.1
58.4	79.2	61.2	54.7	64.2
58.7	78.1	62.0	57.0	65.3
60.6	80.9	63.6	57.6	65.9
61.0	78.4	60.8	55.9	63.0
60.2				

57.7    78.9    61.0    54.5    64.2    **1991-2020**

SPRING   SUMMER   AUTUMN   1ST HALF   2ND HALF