

ASTORIA: Monthly & Annual Average MEAN Temperatures

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
1850	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	62.2	59.4	55.4	46.4	40.7	M
1851	43.0	43.6	45.7	52.8	55.0	59.5	61.6	63.8	58.1	52.2	45.8	40.7	51.8
1852	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	M
1853	32.3	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	59.4	<i>M</i>	46.5	43.6	M
1854	32.3	39.0	44.1	49.5	51.6	55.1	59.2	60.4	59.2	53.5	49.9	35.8	49.7
1855	38.2	44.8	49.2	48.6	52.2	57.7	61.8	62.0	59.2	55.2	45.0	39.9	50.8
1856	42.4	44.2	48.9	50.4	53.5	57.1	58.7	59.1	58.8	50.8	46.2	44.0	50.8
1857	39.7	43.1	45.9	52.8	56.1	58.4	59.0	58.7	58.2	54.3	46.1	39.0	51.4
1858	40.6	41.4	44.0	47.6	53.1	58.1	58.6	60.6	59.3	50.6	47.6	37.4	50.0
1859	40.1	40.0	41.4	48.2	52.4	60.2	58.8	59.9	58.9	53.6	41.9	43.8	49.3
1860	41.5	43.6	45.8	47.2	51.8	56.4	58.5	63.4	59.4	53.4	45.6	40.5	50.9
1861	40.6	43.4	44.8	47.3	50.4	55.2	59.9	60.5	59.3	51.4	43.1	41.2	49.5
1862	28.2	34.6	42.0	46.4	53.3	59.2	60.9	60.9	57.2	52.3	44.6	42.9	48.4
1863	41.1	39.1	44.5	46.7	52.5	57.0	62.1	58.8	58.1	51.0	44.8	38.0	49.9
1864	39.6	44.6	45.8	49.4	54.3	55.7	58.8	60.5	57.3	52.8	45.2	45.2	50.2
1865	38.0	38.1	39.3	46.1	53.9	56.5	58.8	59.6	56.1	52.7	48.1	44.1	48.5
1866	39.0	38.7	44.3	47.0	51.9	55.5	60.3	61.3	57.8	52.7	48.6	42.6	49.7
1867	40.7	49.4	37.4	47.5	53.2	56.9	60.9	60.2	57.9	50.9	47.3	44.2	49.7
1868	29.7	39.5	42.9	49.5	52.0	56.6	60.5	59.1	54.7	52.3	45.7	42.3	49.0
1869	41.7	41.5	48.1	50.8	55.6	60.8	60.9	63.8	57.4	52.3	48.0	36.8	51.2
1870	41.2	42.4	41.1	48.5	52.3	57.4	64.2	60.0	58.9	52.2	47.5	39.1	50.5
1871	43.0	43.0	44.2	47.1	49.7	56.1	54.8	59.2	56.0	51.6	44.5	41.9	49.2
1872	40.1	44.3	47.1	46.5	52.0	56.3	59.8	61.5	57.0	52.4	42.9	37.7	50.0
1873	43.7	38.9	46.2	49.0	51.9	55.4	60.1	61.5	58.2	50.4	47.4	37.7	50.9
1874	40.4	40.1	41.5	48.9	53.4	55.3	58.8	59.8	59.0	54.0	45.2	42.1	49.9
1875	32.2	40.1	41.8	49.1	50.0	55.4	59.4	59.7	56.2	56.0	43.9	46.1	49.2
1876	37.4	42.9	42.0	47.3	50.3	57.3	58.3	58.0	58.6	53.1	46.3	41.0	49.4
1877	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	M
1878	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	M
1879	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	M
1880	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	M
1881	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	M
1882	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	M
1883	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	M
1884	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	M
1885	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	M
1886	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	M
1887	38.5	41.2	46.3	47.2	54.7	56.8	59.2	60.2	58.4	54.5	45.9	43.5	49.9
1888	35.2	44.5	46.1	50.6	56.4	<i>M</i>	<i>M</i>	63.1	62.5	55.7	46.7	45.7	53.1
1889	42.4	44.9	51.8	52.7	57.6	60.4	62.2	59.3	59.5	57.6	49.3	40.7	53.2
1890	35.3	40.2	44.5	48.3	57.1	57.8	60.4	61.5	58.1	52.2	49.2	46.3	50.9
1891	45.3	39.5	44.4	50.3	55.1	57.6	62.5	65.3	59.0	56.8	49.5	43.7	52.5
1892	42.5	45.1	48.4	47.5	54.8	57.9	60.2	62.1	58.8	54.6	47.8	41.3	51.7
1893	38.7	40.0	45.1	45.7	52.6	55.6	60.8	62.5	57.4	50.4	45.6	45.4	50.0
1894	41.6	40.2	43.5	48.1	53.2	56.8	60.9	65.2	59.1	52.5	49.5	40.8	50.9
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual

ASTORIA: Monthly & Annual Average MEAN Temperatures

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
1895	40.5	44.6	45.8	49.4	54.6	58.2	62.0	61.5	56.3	55.5	45.8	43.3	51.5
1896	43.5	46.5	44.3	46.7	51.3	57.8	64.2	63.8	59.7	54.3	41.6	46.0	51.6
1897	41.4	42.9	41.6	51.7	57.1	60.1	60.1	63.3	58.0	54.4	46.4	45.3	51.9
1898	41.3	45.9	44.2	49.8	54.4	59.3	60.6	63.1	60.0	53.8	46.5	41.8	51.7
1899	43.1	40.0	43.8	48.2	50.2	55.3	61.7	59.9	60.5	53.2	52.9	45.9	51.2
1900	45.0	42.5	48.9	50.0	53.1	57.8	60.3	60.3	58.5	52.2	46.9	45.8	51.8
1901	40.5	42.2	45.1	46.4	51.7	53.8	57.2	59.9	56.7	57.1	49.8	42.7	50.3
1902	40.8	46.8	44.6	48.0	53.3	57.6	60.3	61.7	58.1	55.5	47.4	43.6	51.5
1903	44.1	41.1	44.7	48.1	53.4	60.3	62.9	62.3	58.4	54.7	46.7	43.0	51.6
1904	41.9	40.4	42.0	53.5	54.2	56.7	60.7	60.6	60.1	56.3	52.5	44.7	52.0
1905	42.5	44.3	50.8	52.8	53.2	57.1	61.7	61.7	59.0	51.6	46.9	42.0	52.0
1906	43.4	47.1	45.1	52.1	54.3	58.1	65.0	62.2	59.2	56.8	47.3	44.4	52.9
1907	37.5	46.0	44.3	51.0	56.3	59.1	62.3	61.6	60.2	59.0	52.0	45.3	52.9
1908	45.0	44.9	49.2	53.1	54.6	60.3	67.3	62.7	61.1	53.8	51.6	41.6	53.8
1909	37.4	43.4	47.1	50.2	52.2	58.5	60.8	61.9	M	54.9	M	M	51.8
1910	41.6	41.1	48.5	49.5	54.8	55.6	60.1	58.6	58.0	54.9	47.4	44.7	51.2
1911	39.3	41.0	47.6	46.7	50.5	54.4	61.0	60.9	57.5	54.8	47.0	42.8	50.3
1912	43.5	46.0	45.6	48.0	56.1	58.4	60.9	61.6	60.5	52.4	47.8	43.1	52.0
1913	38.8	41.9	43.6	48.6	53.3	58.1	61.9	62.8	60.1	52.9	48.0	43.5	51.1
1914	45.4	44.1	49.5	51.3	56.1	56.3	61.0	60.5	57.6	56.4	48.4	39.7	52.2
1915	41.9	45.4	51.7	52.2	54.8	58.4	61.6	64.1	60.0	55.4	45.8	43.3	52.9
1916	32.7	45.7	46.2	50.1	51.3	57.1	60.6	63.1	60.6	53.1	45.0	40.2	50.5
1917	40.0	40.9	42.0	46.4	51.7	56.7	61.5	63.3	61.6	56.7	51.9	M	52.1
1918	43.8	42.8	45.3	50.7	52.8	60.3	62.2	63.6	62.5	55.5	47.9	43.8	52.6
1919	43.9	43.9	47.5	51.0	54.9	62.3	63.0	62.0	61.7	51.9	45.6	38.8	52.2
1920	41.1	43.5	45.1	46.4	51.5	57.1	62.1	63.8	59.0	52.6	48.0	44.9	51.3
1921	42.0	44.2	45.7	48.6	53.1	58.9	60.4	61.3	58.4	56.2	48.7	41.1	51.6
1922	37.7	39.8	42.4	47.4	53.5	59.5	62.1	61.4	60.7	55.3	45.7	42.5	50.7
1923	M	36.7	42.6	47.9	49.9	54.2	59.0	62.5	60.1	56.0	51.2	43.6	51.2
1924	41.0	46.7	44.1	48.1	53.7	56.8	60.0	60.1	58.8	53.5	46.2	37.0	50.5
1925	43.5	46.1	44.6	49.5	55.7	57.1	60.4	59.8	59.1	54.1	47.1	46.0	51.9
1926	43.4	47.2	50.7	54.9	54.2	59.5	60.4	60.7	56.3	54.3	49.6	41.4	52.7
1927	40.8	43.4	44.0	47.8	50.3	57.8	59.7	61.6	58.9	53.5	47.4	38.8	50.3
1928	40.7	44.2	48.6	48.8	55.2	57.7	61.5	60.5	57.3	53.5	48.0	42.4	51.5
1929	37.5	39.0	46.0	47.0	53.4	58.2	63.3	63.3	61.7	56.3	46.6	44.8	51.4
1930	32.2	45.2	48.2	52.7	52.1	57.3	57.5	63.8	60.4	53.3	47.6	43.8	51.2
1931	45.9	46.0	48.7	52.5	57.7	59.3	63.4	63.7	58.7	54.1	45.3	41.4	53.1
1932	40.4	41.7	47.6	49.9	54.2	59.9	59.6	63.3	60.9	55.9	49.2	40.0	51.9
1933	39.8	39.4	45.3	48.7	49.9	56.0	60.6	62.8	56.8	54.5	48.2	46.7	50.7
1934	46.8	49.9	51.9	54.7	58.2	58.4	61.0	62.4	60.2	55.5	50.2	45.1	54.5
1935	41.7	46.9	41.9	49.7	53.3	60.1	60.7	62.6	60.5	52.9	44.8	44.3	51.6
1936	44.3	37.8	43.9	51.0	56.5	60.6	62.2	64.8	59.1	56.0	47.3	44.0	52.3
1937	33.0	41.6	49.0	47.3	53.8	59.8	61.5	61.8	59.7	58.1	49.0	45.0	51.6
1938	43.5	42.9	44.7	51.5	54.2	57.5	60.3	60.0	61.2	55.2	45.7	43.2	51.7
1939	43.6	39.6	45.1	51.1	54.3	55.5	61.3	62.8	62.0	52.1	47.5	47.7	51.9
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual

ASTORIA: Monthly & Annual Average MEAN Temperatures

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
1940	44.9	47.2	49.3	52.5	57.5	60.7	60.9	64.2	62.0	58.6	46.8	46.4	54.2
1941	46.7	50.1	53.9	52.5	56.0	58.8	64.6	62.1	57.4	55.8	49.9	44.0	54.3
1942	41.5	45.9	46.5	51.1	53.0	57.0	63.5	64.1	60.2	55.6	45.3	43.1	52.2
1943	37.0	44.6	44.0	50.6	51.4	M	M	M	M	M	48.4	42.9	45.6
1944	42.1	43.1	45.0	49.7	53.9	57.2	60.3	61.1	59.8	56.6	46.0	41.3	51.3
1945	43.2	43.7	43.0	47.0	53.7	56.6	60.8	59.8	58.0	53.1	45.4	42.6	50.6
1946	42.8	42.5	45.1	47.8	55.3	57.1	62.1	60.2	58.9	49.5	43.7	42.3	50.6
1947	38.0	46.6	48.6	51.6	56.2	57.2	61.0	60.0	59.1	52.5	45.2	43.5	51.6
1948	40.5	39.3	42.7	44.8	51.8	59.4	59.2	59.2	57.6	51.3	42.3	36.9	48.8
1949	31.0	37.7	44.4	48.7	53.7	55.1	58.3	59.7	58.3	48.4	49.5	41.5	48.9
1950	32.1	41.8	43.5	46.9	51.1	58.2	59.6	61.7	58.1	50.9	46.7	47.4	49.8
1951	40.8	43.0	41.0	50.8	52.7	57.9	61.1	59.6	58.4	53.0	46.5	40.0	50.4
1952	37.5	41.2	42.4	49.3	53.7	55.9	60.1	60.1	59.6	57.3	45.1	43.3	50.5
1953	47.9	43.5	44.6	47.7	52.5	54.9	60.3	61.1	59.4	54.2	49.6	45.3	51.8
1954	40.3	45.0	42.7	46.5	52.3	54.2	57.7	59.6	58.6	52.7	50.6	43.4	50.3
1955	41.0	41.2	41.3	43.5	49.2	55.3	57.8	58.3	56.7	52.2	42.9	41.5	48.4
1956	41.8	38.4	42.8	48.5	53.9	55.1	60.9	59.9	57.2	50.3	44.7	42.3	49.7
1957	35.8	42.4	45.6	48.8	54.2	57.8	58.9	60.1	62.0	53.1	45.9	45.0	50.8
1958	45.9	49.2	44.7	48.4	55.5	60.9	62.6	61.9	58.9	55.0	46.4	47.6	53.1
1959	43.7	42.9	45.0	49.4	52.2	56.8	60.3	58.8	56.4	53.6	46.6	42.1	50.7
1960	40.3	43.7	44.8	49.1	51.0	56.3	59.0	59.8	57.3	53.5	46.9	43.5	50.4
1961	47.3	46.5	45.7	47.5	52.6	58.7	61.9	61.3	56.4	51.0	43.7	42.3	51.2
1962	40.1	43.7	43.2	48.3	50.3	54.8	58.2	60.5	58.5	53.3	48.8	44.5	50.4
1963	36.9	49.6	45.0	48.0	53.0	55.8	60.2	61.0	61.1	54.9	47.7	44.4	51.5
1964	43.6	42.3	44.3	45.8	49.4	55.2	59.2	59.3	57.4	53.8	44.8	40.0	49.6
1965	42.3	44.2	47.2	49.2	50.8	56.1	60.2	61.7	57.0	55.3	48.8	40.3	51.1
1966	42.3	42.6	43.7	49.0	50.5	56.2	59.6	60.3	59.2	51.7	47.7	45.5	50.7
1967	43.8	43.2	42.2	44.0	51.7	58.2	61.0	62.8	60.4	52.9	48.1	41.2	50.8
1968	42.0	47.5	46.7	46.1	52.2	56.1	60.9	60.0	57.9	50.6	47.1	39.5	50.6
1969	34.3	40.3	44.3	46.8	53.5	59.6	58.5	58.7	57.2	51.0	46.5	44.1	49.6
1970	41.8	46.3	44.9	45.3	51.4	56.6	59.2	60.2	56.0	51.0	47.1	40.8	50.1
1971	40.7	42.2	42.0	46.5	51.3	54.6	59.4	62.4	57.8	51.2	46.8	41.2	49.7
1972	40.0	43.2	47.8	46.6	54.6	58.2	62.1	63.4	57.6	52.2	47.2	38.6	51.0
1973	40.5	44.3	44.3	48.9	53.3	56.6	59.7	57.6	57.9	51.1	44.2	45.1	50.3
1974	38.9	41.9	44.6	48.0	50.5	56.1	59.2	62.0	60.8	51.9	48.0	45.5	50.6
1975	42.9	43.1	43.7	44.9	52.8	55.6	60.6	59.7	59.2	50.9	46.1	44.6	50.3
1976	44.1	42.6	43.7	48.7	52.7	55.9	61.0	61.6	60.7	53.1	48.0	43.5	51.3
1977	39.8	46.8	44.5	48.9	50.1	56.8	58.6	62.7	57.0	51.7	44.6	43.9	50.4
1978	44.0	46.0	47.0	48.7	52.2	59.4	60.9	61.5	58.0	54.3	41.7	37.6	50.9
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual

ASTORIA: Monthly & Annual Average MEAN Temperatures

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
1979	35.3	41.8	47.3	49.2	53.8	56.7	62.3	61.8	61.4	54.9	46.9	47.3	51.6
1980	38.7	46.4	44.8	49.5	52.3	55.4	60.7	58.8	58.9	55.0	50.1	47.5	51.5
1981	48.2	46.6	48.0	49.5	53.3	57.7	60.4	62.4	59.1	52.7	49.0	45.2	52.7
1982	41.6	43.9	45.1	46.8	52.2	57.8	59.2	61.3	59.7	55.5	46.6	43.5	51.1
1983	47.3	50.2	50.8	50.2	55.7	59.8	61.2	61.7	56.5	50.4	48.6	37.9	52.5
1984	43.5	45.4	48.4	46.7	50.8	55.5	59.6	59.9	58.4	50.3	46.6	39.6	50.4
1985	39.3	40.3	42.8	48.4	52.5	56.8	60.6	59.4	56.1	50.6	39.2	39.3	48.8
1986	46.9	44.1	49.2	47.4	52.8	58.3	58.6	61.0	55.7	54.8	47.9	44.4	51.8
1987	43.6	46.3	48.0	50.4	55.0	57.3	59.2	60.4	58.4	54.5	49.6	40.8	52.0
1988	41.7	45.8	45.4	48.9	52.5	55.6	59.9	59.2	56.6	55.4	47.4	43.3	51.0
1989	42.1	37.1	45.0	51.5	53.1	58.6	59.7	60.5	60.4	52.7	49.2	44.0	51.2
1990	44.7	43.1	47.5	50.3	52.9	57.6	62.3	62.7	60.8	51.1	47.8	36.9	51.5
1991	41.3	48.0	43.3	46.8	50.7	54.5	59.5	59.7	60.6	51.2	47.2	44.5	50.6
1992	45.1	48.3	48.9	50.9	54.7	58.6	60.6	60.6	56.3	52.6	46.3	40.6	52.0
1993	38.9	41.8	47.3	49.2	56.2	57.5	58.9	60.7	56.6	54.1	42.2	42.6	50.5
1994	45.1	42.1	48.1	50.0	53.8	56.5	59.6	61.7	60.3	50.3	41.9	42.3	51.0
1995	46.3	46.2	46.4	48.4	53.8	57.3	61.9	59.8	61.4	53.0	50.6	45.2	52.5
1996	42.4	44.1	46.5	50.4	51.0	56.4	60.5	60.3	56.8	51.7	45.7	43.6	50.8
1997	43.5	43.8	45.9	48.9	56.8	58.1	61.4	63.8	61.9	52.7	50.2	43.8	52.6
1998	45.7	46.7	46.5	48.1	52.0	55.7	60.0	61.2	58.5	52.3	47.2	41.9	51.3
1999	43.0	44.2	44.5	47.5	51.5	56.5	59.1	61.5	57.8	52.5	54.4	47.4	51.7
2000	43.2	45.8	45.5	51.1	53.8	58.2	62.2	61.3	59.6	56.0	46.6	44.9	52.4
2001	44.4	43.0	46.1	46.9	52.9	55.2	58.6	60.7	57.6	51.4	48.6	44.1	50.8
2002	43.2	44.1	44.2	48.5	51.0	57.7	61.4	60.3	58.6	51.9	48.6	45.6	51.3
2003	48.4	44.1	47.6	48.4	52.5	58.6	61.8	61.4	59.5	55.4	45.3	44.1	52.3
2004	42.9	45.6	48.0	50.9	55.0	59.5	62.9	63.8	58.4	53.5	46.2	44.9	52.6
2005	44.7	44.7	48.3	49.8	56.4	58.3	62.0	62.3	56.0	53.2	45.2	43.5	52.0
2006	46.2	42.7	44.8	48.8	53.3	58.7	60.5	59.1	58.4	51.0	46.5	42.7	51.1
2007	40.1	43.9	46.7	47.8	52.8	56.2	62.0	61.3	57.5	51.0	45.2	42.2	50.6
2008	40.4	43.6	43.3	45.2	53.2	54.3	58.5	60.3	58.7	52.5	49.9	40.1	50.0
2009	43.2	42.4	43.5	48.2	53.2	59.0	61.7	61.8	60.4	53.3	48.5	40.2	51.3
2010	48.2	47.7	48.1	48.6	51.0	56.3	59.5	60.2	59.7	53.0	44.7	44.5	51.8
2011	42.3	40.6	45.1	44.9	50.2	56.7	59.1	61.0	59.7	53.2	44.6	40.1	49.8
2012	42.3	44.1	43.6	48.8	51.5	55.1	59.3	60.7	58.1	52.1	47.9	43.7	50.6
2013	40.8	44.4	46.3	48.7	54.0	58.9	60.2	61.4	59.9	51.0	46.9	37.9	50.9
2014	44.9	42.3	48.1	50.3	56.5	58.7	61.5	63.2	62.4	58.1	47.2	47.1	53.4
2015	46.3	49.5	49.7	49.3	55.0	59.8	64.1	63.7	59.2	58.1	46.9	46.2	54.0
2016	45.7	49.0	48.9	53.3	55.7	59.1	62.8	64.3	60.5	56.2	53.3	41.1	54.2
2017	39.9	42.8	46.5	49.0	53.7	58.2	60.3	62.1	60.6	51.9	47.6	42.4	51.3
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual

ASTORIA: Monthly & Annual Average MEAN Temperatures

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
2018	47.3	42.1	44.8	49.8	55.7	58.2	61.3	61.9	58.1	53.5	48.8	44.7	52.2
2019	45.3	38.8	45.0	50.3	55.4	58.1	62.1	63.4	59.7	49.8	46.1	43.6	51.5
2020	45.7	42.6	43.1	48.5	55.2	57.5	60.0	61.5	62.3	52.8	46.0	44.8	51.7
2021	43.4	42.4	43.5	49.1	53.3	60.5	60.9	61.0	58.9	52.6	48.9	40.8	51.3
2022	44.5	44.2	45.5	46.7	51.2	58.6	62.8	64.4	61.2	56.0	43.7	42.2	51.8
2023	43.7	41.6	43.5	47.6	56.8	57.2	62.2	65.5	59.1	55.6	47.1	47.4	52.1
2024	45.2												
2025													
2026													
2027													
2028													
2029													
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
normal	43.7	44.2	46.0	48.7	53.4	57.3	60.6	61.3	59.0	52.8	46.9	43.2	51.4

Normal are 1991-2020 normals

Progression of Astoria's 30-Year Climatic Normals for MAXIMUM Temperatures

30-year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
1891-1920	41.6	43.6	46.1	49.6	53.6	57.7	61.6	62.2	59.3	54.5	47.8	43.3	51.8
1901-1930	40.8	43.6	46.0	49.6	53.4	57.8	61.3	61.9	59.3	54.7	48.0	42.8	51.7
1911-1940	41.0	43.6	45.9	49.4	53.8	58.1	61.1	62.4	59.9	54.7	47.4	42.9	51.9
1921-1950	40.6	43.4	46.0	49.3	53.9	58.0	60.9	61.8	59.4	54.2	47.2	42.9	51.6
1931-1960	40.7	42.8	44.5	49.0	53.3	57.3	60.6	61.0	58.0	52.9	46.3	43.1	50.8
1941-1970	40.6	43.6	44.4	47.8	52.3	56.5	60.0	60.3	58.4	52.8	46.5	42.8	50.5
1951-1980	41.1	43.9	44.4	47.6	52.2	56.6	60.1	60.6	58.5	52.9	46.6	43.1	50.6
1961-1990	41.9	44.2	45.7	48.2	52.5	56.9	60.0	60.7	58.4	52.6	46.9	42.4	50.9
1971-2000	42.4	44.2	45.8	48.3	52.6	56.6	60.0	60.5	58.4	52.4	46.4	42.6	50.9
1981-2010	43.8	44.4	46.4	48.7	53.0	57.0	60.3	60.9	58.5	52.6	46.8	42.7	51.3
1991-2020	43.7	44.2	46.0	48.7	53.4	57.3	60.6	61.3	59.0	52.8	46.9	43.2	51.4
2001-2030													

¹Normals 1971-2000 recalculated using same methodology as that of the 1981-2010. There may or may not be much difference from the original 1971-2000 normals data set, but this process does yield more realistic normal for that period. Same process is used for subsequent normals (1981-2010 and 1991-2020).