

AIRPORT Portland: Monthly & Annual Average MEAN Temperatures

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	
1940	Official airport observations began 13 October 1940										n/a	42.5	42.3	---
1941	41.3	46.1	52.0	54.5	57.6	62.1	71.4	67.8	60.4	54.6	48.0	42.9	54.9	
1942	35.3	42.7	46.4	52.8	56.5	61.0	69.4	69.1	63.3	55.6	44.9	43.0	53.3	
1943	33.2	43.5	45.5	54.3	55.6	60.3	67.2	66.8	65.8	54.8	46.1	40.0	52.8	
1944	39.2	42.2	45.4	50.9	57.5	61.7	67.9	66.8	65.1	58.5	45.3	39.3	53.3	
1945	42.4	44.4	45.2	50.4	58.8	61.8	69.0	67.9	60.8	54.1	45.2	39.8	53.3	
1946	40.9	42.7	46.5	51.4	59.7	61.2	67.6	67.8	62.0	50.6	43.2	41.9	53.0	
1947	37.2	45.2	49.7	53.9	61.3	62.0	66.8	65.9	63.7	55.4	47.0	42.9	54.3	
1948	39.5	40.8	44.7	48.9	56.0	66.5	66.9	65.8	61.8	53.5	43.7	38.0	52.2	
1949	27.7	39.1	45.6	52.4	59.1	61.7	65.9	66.5	63.1	48.5	49.9	41.4	51.7	
1950	27.0	38.8	45.0	48.6	54.5	61.8	66.9	68.8	61.8	52.4	46.4	46.4	51.5	
1951	39.8	42.9	41.9	53.5	56.7	64.5	67.0	65.7	63.1	53.7	45.7	37.5	52.7	
1952	35.6	41.7	45.3	52.4	57.5	60.3	68.0	67.9	64.8	58.6	40.7	41.6	52.9	
1953	47.3	43.8	45.8	49.9	54.4	58.6	66.2	65.5	62.5	54.3	48.6	43.7	53.4	
1954	39.0	42.5	43.8	49.5	56.7	57.9	63.0	63.3	60.2	53.0	49.7	40.9	51.6	
1955	39.7	40.4	41.5	46.5	52.9	60.7	63.4	65.5	60.4	53.6	41.4	39.2	50.4	
1956	39.9	35.8	44.2	52.7	59.0	59.0	68.0	65.4	60.8	51.7	42.6	40.6	51.6	
1957	31.2	41.6	46.1	51.8	58.8	62.0	65.5	64.5	65.3	52.8	44.0	43.9	52.3	
1958	43.6	48.6	45.5	50.8	61.8	65.2	70.6	70.3	62.3	55.2	45.4	43.6	55.2	
1959	40.3	42.7	46.8	52.3	55.7	62.8	68.6	65.4	60.3	54.2	42.8	39.6	52.6	
1960	35.3	42.3	45.0	50.6	53.9	63.0	69.0	65.4	61.5	54.5	46.5	38.7	52.1	
1961	43.6	47.2	47.6	50.0	56.5	65.3	69.3	70.3	59.5	53.3	42.9	40.9	53.9	
1962	38.6	42.9	45.2	52.6	53.9	61.6	66.4	65.9	63.3	55.1	47.5	42.6	53.0	
1963	34.9	47.8	45.2	48.6	56.5	59.9	63.0	66.1	65.1	54.2	46.0	38.0	52.1	
1964	40.9	40.1	43.8	46.7	52.6	58.7	64.5	63.7	58.4	53.2	41.0	37.0	50.1	
1965	40.2	43.4	47.5	51.8	54.3	61.8	69.7	68.5	60.4	57.4	49.7	39.4	53.7	
1966	40.3	42.7	47.2	50.6	57.0	62.4	66.4	67.5	64.4	53.6	47.1	44.2	53.6	
1967	43.6	43.6	43.9	46.9	57.0	65.9	69.3	72.9	66.4	54.8	46.2	40.3	54.2	
1968	39.3	48.1	48.1	48.0	56.3	62.2	68.6	65.8	61.5	52.0	46.5	37.3	52.8	
1969	31.9	39.7	46.5	50.0	59.4	66.5	66.6	66.0	63.4	53.2	47.2	42.9	52.8	
1970	40.6	46.0	46.9	48.3	57.0	65.9	69.1	68.2	60.7	53.0	47.1	39.9	53.6	
1971	40.4	42.8	43.7	49.6	56.7	60.2	69.2	71.6	60.8	52.4	45.5	40.3	52.8	
1972	39.1	43.8	49.7	48.0	60.1	64.0	70.9	71.7	61.1	53.0	48.2	37.4	53.9	
1973	38.9	44.9	47.9	52.2	59.4	63.9	70.2	65.9	64.4	54.3	44.1	44.7	54.2	
1974	38.0	43.0	47.2	51.3	55.7	64.3	67.0	68.9	67.3	55.1	48.1	44.1	54.2	
1975	41.4	41.2	44.9	47.3	57.5	61.9	69.0	65.3	65.7	53.5	45.9	42.7	53.0	
1976	42.2	42.1	44.4	50.2	56.6	60.4	67.1	65.5	64.2	54.6	46.9	39.5	52.8	
1977	35.7	44.6	45.5	52.9	53.8	63.9	66.3	71.7	60.7	53.8	43.3	42.0	52.9	
1978	40.0	44.7	49.1	50.4	54.6	65.1	68.4	67.5	60.9	54.7	39.1	35.2	52.5	
1979	30.7	42.8	50.7	53.0	60.1	65.0	70.5	68.6	66.3	58.1	45.0	44.4	54.6	

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Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
1980	35.1	42.5	46.2	53.8	57.3	60.7	68.9	66.4	63.8	56.0	48.5	44.0	53.6
1981	43.8	43.9	48.8	52.5	57.5	61.7	67.5	72.1	64.9	53.3	48.8	42.6	54.8
1982	39.6	43.5	48.5	49.0	57.6	65.9	67.4	68.6	63.2	54.9	44.4	41.7	53.7
1983	44.3	47.2	50.7	52.7	60.4	62.8	66.5	69.1	61.5	54.2	49.3	36.3	54.6
1984	42.2	45.9	51.1	50.4	56.4	62.1	69.0	69.4	63.7	52.8	46.7	38.3	54.0
1985	36.0	41.0	45.8	53.9	58.2	64.4	74.1	69.2	60.8	52.7	37.2	33.0	52.2
1986	42.5	43.6	51.2	50.2	57.6	66.3	65.3	72.3	61.5	57.0	47.7	40.5	54.6
1987	39.6	45.2	48.7	54.2	60.4	66.5	67.1	70.5	65.5	58.2	48.8	39.0	55.3
1988	39.0	44.7	47.2	52.2	56.4	62.4	68.4	67.9	64.0	58.3	47.5	42.0	54.2
1989	42.2	36.0	45.6	56.0	58.0	64.2	65.5	66.0	65.3	54.8	48.6	40.3	53.5
1990	43.3	41.9	49.4	54.5	56.7	63.6	71.1	70.8	67.0	53.8	48.4	34.7	54.6
1991	38.9	48.8	46.2	50.8	54.7	59.9	69.8	70.0	67.4	55.4	47.5	42.7	54.3
1992	44.5	48.1	52.3	55.4	63.1	67.4	70.2	69.8	62.2	55.9	46.3	39.3	56.2
1993	36.5	40.0	47.9	52.6	61.1	62.5	64.3	68.5	65.6	57.4	41.5	41.4	53.3
1994	44.4	40.8	50.2	54.2	60.7	62.9	71.0	70.2	67.6	54.1	42.7	42.3	55.1
1995	43.3	46.4	48.3	51.3	60.7	63.7	70.6	67.3	67.1	54.5	51.7	42.4	55.6
1996	40.6	41.6	47.6	53.5	55.2	63.2	72.0	70.3	61.8	53.9	45.4	41.6	53.9
1997	41.0	42.9	46.7	51.0	62.2	62.7	68.9	71.5	65.9	53.7	49.8	41.1	54.8
1998	43.0	46.1	48.7	52.8	56.2	63.4	71.0	71.0	66.9	54.3	48.9	40.5	55.2
1999	42.8	43.7	45.8	50.7	54.9	61.2	67.1	69.0	64.6	55.1	50.1	43.9	54.1
2000	39.8	43.7	45.6	54.0	57.5	65.3	67.8	67.8	63.9	55.2	42.8	40.3	53.6
2001	41.1	41.9	48.0	49.6	59.4	61.0	66.5	69.2	65.1	53.5	48.0	41.9	53.8
2002	41.2	44.4	44.9	52.3	55.7	64.6	69.8	69.3	64.7	54.1	47.6	43.4	54.3
2003	44.7	44.3	49.0	50.8	57.3	66.1	71.6	70.0	66.7	58.2	45.2	42.5	55.5
2004	38.5	45.2	51.2	56.3	60.1	65.5	71.5	71.5	62.8	56.3	45.8	43.2	55.7
2005	41.7	43.5	50.0	52.3	60.1	62.0	70.3	70.7	62.5	56.3	44.1	39.8	54.4
2006	45.5	42.0	46.1	53.1	59.8	66.3	71.0	69.2	65.1	54.0	47.4	40.0	55.0
2007	38.1	44.2	50.1	51.7	58.6	62.9	70.7	68.3	62.4	53.1	44.8	40.9	53.8
2008	38.8	44.9	45.4	48.5	58.9	61.8	68.8	69.6	65.2	53.5	49.2	37.5	53.5
2009	40.0	41.3	45.3	52.3	60.1	65.7	73.6	69.9	66.1	54.7	47.7	35.6	54.4
2010	45.0	46.6	48.2	51.0	55.0	60.4	67.5	68.1	64.4	55.1	45.0	42.6	54.1
2011	41.7	40.3	46.1	47.9	54.1	61.7	66.7	69.9	67.4	55.5	44.9	39.1	52.9
2012	40.8	43.4	45.0	53.0	58.0	61.2	68.0	71.1	66.1	56.0	48.7	42.8	54.5
2013	37.8	44.4	48.7	52.4	59.7	65.4	70.0	71.2	64.7	53.5	45.7	36.4	54.2
2014	41.4	40.3	49.1	53.7	61.2	63.7	71.8	73.1	67.6	60.1	46.3	44.1	56.0
2015	43.4	49.2	52.4	52.8	61.1	70.3	73.9	72.4	64.0	60.1	45.3	43.4	57.4
2016	42.6	49.3	50.3	57.8	62.2	66.1	69.1	71.9	63.3	56.4	52.3	37.2	56.5
2017	33.5	40.8	47.6	50.7	59.8	65.4	70.0	73.6	66.6	54.3	47.4	39.8	54.1
2018	45.6	42.5	47.2	53.8	63.0	65.7	74.0	72.1	64.4	56.6	48.1	44.0	56.4
2019	43.1	37.6	46.7	54.4	62.2	65.7	70.3	71.8	64.4	51.5	46.8	43.0	54.8

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Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
2020	45.8	43.9	46.4	54.5	60.4	64.2	70.2	71.1	67.4	56.1	46.4	43.9	55.9
2021	44.8	41.9	47.2	55.2	60.1	70.7	73.0	72.5	66.4	54.8	50.4	41.1	56.5
2022	41.8	43.6	49.9	49.7	56.9	65.1	73.7	75.1	69.5	61.4	43.7	39.0	55.8
2023	43.3	41.2	45.2	51.7	64.3	66.4	73.4	75.4	66.4	57.8	47.7	46.1	56.6
2024													
2025													
2026													
2027													
2028													
2029													
2030													
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
NOR	41.9	44.1	48.3	52.8	59.4	64.2	70.2	70.6	65.4	55.6	47.1	41.6	55.1

1) NOR are the 1991-2010 Climate Normals.

2) Annual averages calculated by using average of the monthly data values, rather than using the all daily values (this method is recommended by NOAA's National Climate Data Stewardship Team).

Progression of Portland Airport's 30-Year Climatic NORMALS for MEAN Temperatures

period	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
1921-1950¹	39.5	43.8	48.4	53.6	59.1	63.8	68.5	68.4	63.9	56.1	47.2	42.4	54.6
1931-1960¹	38.4	42.0	46.1	51.8	57.4	62.0	67.2	66.6	62.2	54.2	45.1	41.3	52.9
1941-1970	38.1	42.8	45.7	50.6	56.7	62.0	67.1	66.6	62.2	53.8	45.3	40.7	52.6
1951-1980	38.9	43.2	46.0	50.4	56.7	62.5	67.7	67.2	62.7	54.3	45.5	40.9	53.0
1961-1990	39.6	43.6	47.3	51.0	57.1	63.5	68.2	68.6	63.3	54.5	46.1	40.2	53.6
1971-2000¹	39.9	43.1	47.2	51.2	57.1	62.7	68.1	68.5	63.6	54.3	45.8	40.2	53.5
1971-2000²	40.3	43.5	47.8	51.9	57.8	63.2	68.6	69.0	64.1	54.8	46.3	40.6	54.0
1981-2010	41.4	43.8	48.2	52.3	58.3	63.6	69.2	69.5	64.5	54.9	46.6	40.4	54.4
1991-2020	41.9	44.1	48.3	52.8	59.4	64.2	70.2	70.6	65.4	55.6	47.1	41.6	55.1
2001-2030													

¹1921-1950 30-year normals derived only using the actual observation taken (1940-1950).

²Normals 1971-2000 recalculated using same methodology as that of the 1981-2010.

This process yields more realistic normals for 1971-2000.