A UNITED STATES DEPARTMENT OF COMMERCE PUBLICATION

# LOCAL CLIMATOLOGICAL DATA
## ANNUAL SUMMARY WITH COMPARATIVE DATA

# PORTLAND, MAINE

1971

U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION ENVIRONMENTAL DATA SERVICE

## NARRATIVE CLIMATOLOGICAL SUMMARY

As a rule, Portland has very pleasant summers and falls, cold winters with frequent thaws, and disagreeable springs. Very few summer nights are too warm and humid for comfortable sleeping. Autumn has the greatest number of sunny days and the least cloudiness. Winters are quite severe, but begin late and then extend deeply into the normal springtime.

Heavy seasonal snowfalls, over 100 inches, normally occur about each 10 years. True blizzards are very rare. The White Mountains, to the northwest, keep considerable snow from reaching the Portland area and also moderate the temperature.

Normal monthly precipitation is remarkably uniform throughout the year.

Winds are generally quite light with the highest velocities being confined mostly to March and November. Even in these months the occasional northeasterly gales have usually lost much of their severity before reaching the coast of Maine.

Temperatures well below zero are recorded frequently each winter. Cold waves sometimes come in on strong winds, but extremely low temperatures are generally accompanied by light winds.

The average freeze-free season at the airport station is 139 days. May 12 is the average date of the last freeze (32°) in spring, but this has been as early as April 22 and as late as May 31. The average date of the first freeze in fall is September 27, with the earliest and latest occurrences on September 17 and October 10. The freeze-free period is longer in the City proper, but may be even shorter at susceptible places further inland.

The Portland City Airport is located 2-3/4 miles west of the site of the former city office. The surrounding country is mostly open, rolling and sloping generally toward the Fore River, a body of brackish water about 1,000 feet wide at a distance of about 1/2 mile from the station and forming one boundary (north through east) of the field. The airport is about 5-1/2 miles west-northwest of the open ocean. A slight rise reaching an elevation of 100 feet, lying northwest of the field, cuts down the wind slightly from that direction. The older portion of the City is situated on a hill rising abruptly from sea level to 170 feet, 1-1/2 miles east of the airport and on the opposite side of the Fore River. A line of low hills southeast of the airport, near the ocean, which reach a maximum height of 160 feet, shuts off sight of the ocean from the airport. Sebago Lake with an area of 44 square miles is situated about 15 miles to the northwest and 45 miles farther are the White Mountains, averaging 3,000 to 5,000 feet in height.

Daily maximum temperatures at the present airport site agree closely with those near the former intown office, but minimum temperatures on clear, quiet mornings range as much as 15° lower at the airport.

# METEOROLOGICAL DATA FOR THE CURRENT YEAR

Station: PORTLAND, MAINE — PORTLAND INTERNATIONAL JETPORT — Standard time used: EASTERN — Latitude: 43° 39' N — Longitude: 70° 19' W — Elevation (ground): 43 feet — Year: 1971

| Month | Temperature: Averages: Daily maximum | Daily minimum | Monthly | Extremes: Highest | Date | Lowest | Date | Degree days (Base 65°): Heating | Cooling | Precipitation: Total | Greatest in 24 hrs. | Date | Snow, Ice pellets: Total | Greatest in 24 hrs. | Date | Relative humidity (Local time): Hour 01 | Hour 07 | Hour 13 | Hour 19 | Wind &: Resultant: Direction | Speed | Average speed | Fastest mile: Speed | Direction # | Date | Percent of possible sunshine | Average sky cover sunrise to sunset | Number of days: Sunrise to sunset: Clear | Partly cloudy | Cloudy | Precipitation .01 inch or more | Snow, Ice pellets 1.0 inch or more | Thunderstorms | Heavy fog | Temperatures: Maximum: 90° and above ‡ | 32° and below | Minimum: 32° and below | 0° and below | Average daily solar radiation - langleys |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JAN | 23.1 | 1.2 | 12.2 | 40 | 5 | -26 | 19 | 1634 | 0 | 2.25 | 0.56 | 29-30 | 17.2 | 4.0 | 23 | 70 | 74 | 58 | 65 | 28 | 6.0 | 10.1 | 38 | W | 30 | 64 | 4.5 | 16 | 6 | 9 | 10 | 5 | 0 | 1 | 0 | 22 | 31 | 16 | 170 |
| FEB | 31.2 | 12.6 | 21.9 | 46 | 28 | -25 | 3 | 1202 | 0 | 6.76 | 1.75 | 8-9 | 35.6 | 10.9 | 7-8 | 76 | 79 | 65 | 70 | 30 | 2.8 | 9.8 | 29 | W | 9 | 55 | 6.7 | 6 | 7 | 15 | 12 | 6 | 0 | 6 | 0 | 15 | 27 | 4 | 211 |
| MAR† | 39.1 | 24.1 | 31.6 | 50 | 29 | 10 | 13+ | 1028 | 0 | 4.74 | 2.29 | 3-4 | 24.7 | 8.4 | 11 | 67 | 68 | 56 | 62 | 30 | 5.1 | 11.2 | 38 | E | 4 | 61 | 6.1 | 9 | 10 | 12 | 7 | 6 | 0 | † 1 | 0 | 1 | 28 | 0 | 348 |
| APR | 48.9 | 34.2 | 41.6 | 61 | 20+ | 21 | 9 | 695 | 0 | 1.86 | 0.76 | 7 | 9.2 | 8.7 | 7 | 79 | 75 | 61 | 71 | 32 | 2.7 | 10.4 | 29 | N | 7 | 46 | 7.2 | 4 | 8 | 18 | 11 | 1 | 0 | 4 | 0 | 0 | 12 | 0 | 368 |
| MAY | 61.5 | 43.9 | 52.7 | 76 | 11 | 35 | 15+ | 373 | 0 | 4.09 | 1.71 | 3 | 0.0 | 0.0 | | 88 | 81 | 65 | 74 | 23 | 1.4 | 9.2 | 29 | N | 14 | 40 | 7.2 | 6 | 5 | 20 | 15 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 380 |
| JUN | 75.8 | 52.7 | 64.3 | 96 | 30 | 39 | 2 | 81 | 66 | 1.09 | 0.43 | 3 | 0.0 | 0.0 | | 79 | 69 | 49 | 66 | 23 | 2.8 | 9.3 | 24 | SW | 29 | 72 | 5.3 | 9 | 15 | 6 | 4 | 0 | 3 | 4 | 1 | 0 | 0 | 0 | 592 |
| JUL | 80.5 | 57.5 | 69.0 | 93 | 1 | 48 | 13+ | 3 | 135 | 3.14 | 1.13 | 29-30 | 0.0 | 0.0 | | 89 | 76 | 56 | 72 | 22 | 3.9 | 8.8 | 30 | W | 1 | 68 | 6.2 | 5 | 12 | 14 | 9 | 0 | 5 | 5 | 1 | 0 | 0 | 0 | 514 |
| AUG | 79.6 | 58.1 | 68.9 | 90 | 10+ | 42 | 25 | 20 | 149 | 3.24 | 1.37 | 27-28 | 0.0 | 0.0 | | 87 | 80 | 54 | 72 | 25 | 3.6 | 9.5 | 31 | SE | 28 | 70 | 5.3 | 10 | 12 | 9 | 10 | 0 | 5 | 3 | 2 | 0 | 0 | 0 | 458 |
| SEP | 71.2 | 51.3 | 61.3 | 90 | 5 | 35 | 25 | 147 | 43 | 3.55 | 1.43 | 13-14 | 0.0 | 0.0 | | 88 | 86 | 63 | 79 | 25 | 1.3 | 8.4 | 36 | E | 17 | 61 | 6.2 | 9 | 7 | 14 | 9 | 0 | 1 | 7 | 1 | 0 | 0 | 0 | 316 |
| OCT | 62.3 | 42.7 | 52.5 | 83 | 2 | 30 | 13 | 381 | 1 | 3.95 | 2.78 | 10-11 | 0.0 | 0.0 | | 87 | 87 | 64 | 83 | 23 | 1.6 | 7.9 | 28 | NW | 11 | 60 | 6.6 | 5 | 12 | 14 | 7 | 0 | 1 | 7 | 0 | 0 | 2 | 0 | 235 |
| NOV | 44.7 | 26.1 | 35.4 | 71 | 1 | 15 | 10 | 878 | 0 | 4.13 | 1.65 | 29-30 | 6.2 | 4.8 | 25 | 76 | 77 | 54 | 65 | 33 | 4.9 | 9.0 | 30 | E | 30 | 51 | 6.6 | 8 | 5 | 17 | 11 | 2 | 1 | 2 | 0 | 1 | 26 | 0 | 147 |
| DEC | 36.5 | 18.0 | 27.3 | 54 | 11 | -3 | 31 | 1164 | 0 | 2.85 | 0.66 | 6-7 | 12.5 | 6.2 | 30-31 | 72 | 74 | 60 | 67 | 31 | 5.2 | 10.1 | 34 | NW | 25 | 56 | 5.6 | 9 | 10 | 12 | 13 | 4 | 0 | 2 | 0 | 10 | 30 | 4 | 121 |
| YEAR | 54.5 | 35.2 | 44.9 | 96 | JUN. 30 | -26 | JAN. 19 | 7606 | 394 | 41.65 | 2.78 | OCT. 10-11 | 105.4 | 10.9 | FEB. 7-8 | 80 | 77 | 59 | 71 | 28 | 2.8 | 9.5 | 38 | E | MAR. 4+ | 59 | 6.1 | 96 | 109 | 160 | 118 | 24 | 16 | 49 | 5 | 49 | 156 | 24 | 322 |

† DATA CORRECTED AFTER PUBLICATION OF THE MONTHLY ISSUE.

Also delete "day with heavy fog". Col. 8, of the 11th of the March issue.

# NORMALS, MEANS, AND EXTREMES

| Month | Temperature: Normal: Daily maximum | Daily minimum | Monthly | Extremes Ø: Record highest | Year | Record lowest | Year | Normal heating degree days (Base 65°) | Precipitation: Normal total | Maximum monthly | Year | Minimum monthly | Year | Maximum in 24 hrs. | Year | Snow, Ice pellets: Mean total | Maximum monthly | Year | Maximum in 24 hrs. | Year | Relative humidity (Local time): Hour 01 | Hour 07 | Hour 13 | Hour 19 | Wind &: Mean speed | Prevailing direction | Fastest mile: Speed | Direction # | Year | Pct. of possible sunshine | Mean sky cover sunrise to sunset | Mean number of days: Sunrise to sunset: Clear | Partly cloudy | Cloudy | Precipitation .01 inch or more | Snow, Ice pellets 1.0 inch or more | Thunderstorms | Heavy fog | Temperatures: Max.: 90° and above ‡ | 32° and below | Min.: 32° and below | 0° and below | Average daily solar radiation - langleys |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (a) | (b) | (b) | (b) | 31 | | 31 | | (b) | (b) | 31 | | 31 | | 31 | | 31 | 31 | | 31 | | 31 | 31 | 31 | 31 | 31 | 15 | 31 | 31 | | 31 | 28 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 18 |
| J | 31.8 | 11.7 | 21.8 | 64 | 1950 | -26 | 1971 | 1339 | 4.37 | 9.41 | 1958 | 0.76 | 1970+ | 2.04 | 1966 | 18.4 | 38.2 | 1966 | 14.2 | 1944 | 76 | 78 | 62 | 71 | 9.2 | N | 50 | SE | 1951+ | 55 | 6.1 | 10 | 7 | 14 | 11 | 5 | 0 | 2 | 0 | 17 | 30 | 6 | 160 |
| F | 33.5 | 12.1 | 22.8 | 64 | 1957 | -39 | 1943 | 1182 | 3.80 | 6.76 | 1971 | 1.26 | 1968 | 3.21 | 1965 | 21.0 | 61.2 | 1969 | 21.5 | 1969 | 76 | 78 | 60 | 70 | 9.5 | N | 58 | N | 1952+ | 59 | 6.0 | 9 | 7 | 12 | 10 | 5 | * | 2 | 0 | 12 | 27 | 5 | 238 |
| M | 40.7 | 22.0 | 31.4 | 86 | 1946 | -21 | 1950 | 1042 | 4.34 | 9.97 | 1953 | 0.81 | 1965 | 3.47 | 1951 | 14.1 | 46.6 | 1956 | 11.5 | 1964 | 76 | 75 | 59 | 70 | 10.0 | W | 76 | NE | 1947 | 58 | 6.2 | 9 | 8 | 14 | 11 | 4 | * | 3 | 0 | 4 | 27 | 1 | 339 |
| A | 52.5 | 32.4 | 42.5 | 85 | 1957 | 8 | 1954 | 675 | 3.73 | 6.48 | 1961 | 0.71 | 1941 | 2.43 | 1954 | 3.0 | 15.7 | 1967 | 8.7 | 1971 | 80 | 74 | 56 | 70 | 9.9 | S | 57 | S | 1946 | 57 | 6.4 | 8 | 8 | 14 | 12 | 1 | 1 | 3 | 0 | * | 15 | 0 | 411 |
| M | 64.2 | 41.7 | 53.0 | 92 | 1944 | 23 | 1956 | 372 | 3.41 | 7.74 | 1948 | 0.49 | 1965 | 2.33 | 1952 | 0.3 | 7.0 | 1945 | 7.0 | 1945 | 85 | 75 | 57 | 71 | 9.2 | S | 49 | NW | 1950 | 57 | 6.6 | 7 | 9 | 15 | 13 | * | 2 | 6 | * | 0 | 3 | 0 | 500 |
| J | 73.1 | 51.1 | 62.1 | 97 | 1941 | 33 | 1944 | 111 | 3.18 | 6.23 | 1967 | 0.70 | 1941 | 5.58 | 1967 | 0.0 | 0.0 | | 0.0 | | 88 | 78 | 59 | 74 | 8.2 | S | 45 | SW | 1969 | 61 | 6.2 | 8 | 10 | 12 | 11 | 0 | 4 | 5 | 1 | 0 | 0 | 0 | 535 |
| J | 79.5 | 56.7 | 68.1 | 98 | 1949+ | 40 | 1965+ | 12 | 2.86 | 5.87 | 1951 | 0.61 | 1965 | 2.23 | 1947 | 0.0 | 0.0 | | 0.0 | | 90 | 80 | 59 | 75 | 7.7 | S | 44 | W | 1941 | 65 | 6.1 | 8 | 11 | 12 | 9 | 0 | 4 | 7 | 2 | 0 | 0 | 0 | 531 |
| A | 78.4 | 55.2 | 66.8 | 100 | 1948 | 33 | 1965 | 53 | 2.42 | 8.30 | 1946 | 0.27 | 1947 | 4.18 | 1946 | 0.0 | 0.0 | | 0.0 | | 90 | 83 | 59 | 78 | 7.5 | S | 69 | E | 1954 | 65 | 5.7 | 10 | 11 | 10 | 10 | 0 | 4 | 6 | 2 | 0 | 0 | 0 | 466 |
| S | 70.2 | 47.2 | 58.7 | 95 | 1945 | 23 | 1941 | 195 | 3.52 | 9.81 | 1954 | 0.30 | 1948 | 7.49 | 1954 | T | T | 1959 | T | 1959 | 90 | 86 | 60 | 80 | 7.8 | S | 62 | SE | 1960 | 62 | 5.6 | 11 | 8 | 11 | 8 | 0 | 2 | 6 | * | 0 | 1 | 0 | 373 |
| O | 59.8 | 37.4 | 48.6 | 88 | 1963 | 18 | 1966+ | 508 | 3.20 | 12.27 | 1962 | 0.26 | 1947 | 7.71 | 1962 | 0.3 | 3.8 | 1969 | 3.6 | 1969+ | 86 | 85 | 60 | 79 | 8.5 | N | 45 | N | 1963+ | 58 | 5.6 | 11 | 8 | 12 | 9 | * | 1 | 6 | 0 | 0 | 9 | 0 | 263 |
| N | 47.6 | 28.6 | 38.1 | 73 | 1950 | 5 | 1940 | 807 | 4.17 | 9.81 | 1963 | 2.10 | 1946 | 3.39 | 1951 | 3.1 | 15.3 | 1968 | 8.5 | 1961 | 83 | 84 | 64 | 77 | 8.8 | W | 76 | NE | 1945 | 46 | 6.7 | 8 | 7 | 15 | 12 | 1 | * | 4 | 0 | 1 | 20 | 0 | 148 |
| D | 35.3 | 16.3 | 25.8 | 62 | 1962 | -21 | 1963 | 1215 | 3.85 | 9.69 | 1969 | 0.98 | 1955 | 3.82 | 1969 | 15.2 | 54.8 | 1970 | 22.8 | 1970 | 79 | 80 | 62 | 74 | 9.0 | N | 62 | SE | 1957 | 54 | 6.0 | 10 | 7 | 14 | 11 | 4 | * | 2 | 0 | 12 | 29 | 3 | 139 |
| YR | 55.6 | 34.4 | 45.0 | 100 | AUG. 1948 | -39 | FEB. 1943 | 7511 | 42.85 | 12.27 | OCT. 1962 | 0.26 | OCT. 1947 | 7.71 | OCT. 1962 | 75.4 | 61.2 | FEB. 1969 | 22.8 | DEC. 1970 | 83 | 80 | 60 | 74 | 8.8 | S | 76 | NE | MAR. 1947+ | 59 | 6.1 | 109 | 101 | 155 | 125 | 18 | 18 | 53 | 5 | 46 | 161 | 15 | 342 |

Ø For period November 1940 through the current year.
Means and extremes above are from existing and comparable exposures. Annual extremes have been exceeded at other sites in the locality as follows: Highest temperature 103 in July 1911; maximum monthly precipitation 12.29 in January 1935; minimum monthly precipitation 0.09 in October 1924; maximum snowfall in 24 hours 23.3 in January 1935.

(a) Length of record, years, based on January data. Other months may be for more or fewer years if there have been breaks in the record.
(b) Climatological standard normals (1931-1960).
* Less than one half.
\+ Also on earlier dates, months, or years.
T Trace, an amount too small to measure.
Below zero temperatures are preceded by a minus sign. The prevailing direction for wind in the Normals, Means, and Extremes table is from records through 1963.
‡ ≤ 70° at Alaskan stations.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in degrees F.; precipitation, including snowfall, in inches; wind movement in miles per hour; and relative humidity in percent. Heating degree day totals are the sums of negative departures of average daily temperatures from 65° F. Cooling degree day totals are the sums of positive departures of average daily temperatures from 65° F. Sleet was included in snowfall totals beginning with July 1948. The term "ice pellets" includes solid grains of ice (sleet) and particles consisting of snow pellets encased in a thin layer of ice. Heavy fog reduces visibility to 1/4 mile or less.

Sky cover is expressed in a range of 0 for no clouds or obscuring phenomena to 10 for complete sky cover. The number of clear days is based on average cloudiness 0-3, partly cloudy days 4-7, and cloudy days 8-10 tenths.

Solar radiation data are the averages of direct and diffuse radiation on a horizontal surface. The langley denotes one gram calorie per square centimeter.

& Figures instead of letters in a direction column indicate direction in tens of degrees from true North; i.e., 09 - East, 18 - South, 27 - West, 36 - North, and 00 - Calm. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations. If figures appear in the direction column under "Fastest mile" the corresponding speeds are fastest observed 1-minute values.

\# To 8 compass points only.

## AVERAGE TEMPERATURE

| Year | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1932 | 32.6 | 24.8 | 31.4 | 44.2 | 55.8 | 63.2 | 68.2 | 69.9 | 62.2 | 52.6 | 39.0 | 32.8 | 48.1 |
| 1933 | 32.2 | 29.0 | 32.6 | 42.8 | 55.2 | 64.6 | 66.8 | 67.9 | 61.0 | 50.4 | 35.2 | 21.2 | 46.6 |
| 1934 | 23.6 | 14.0 | 31.6 | 44.6 | 56.2 | 63.0 | 69.6 | 64.7 | 62.8 | 47.8 | 41.5 | 25.0 | 45.4 |
| 1935 | 17.9 | 23.5 | 33.4 | 43.4 | 53.5 | 63.4 | 70.8 | 69.0 | 59.3 | 49.8 | 42.4 | 24.4 | 45.9 |
| 1936 | 24.6 | 19.9 | 38.2 | 42.4 | 55.2 | 62.9 | 66.6 | 67.2 | 59.4 | 50.4 | 35.9 | 31.0 | 46.1 |
| 1937 | 31.6 | 30.4 | 31.3 | 43.4 | 56.2 | 63.8 | 70.6 | 72.4 | 61.0 | 49.4 | 40.5 | 26.8 | 48.1 |
| 1938 | 23.8 | 26.6 | 33.8 | 44.6 | 52.4 | 64.6 | 68.3 | 71.1 | 58.7 | 53.2 | 42.0 | 31.0 | 47.5 |
| 1939 | 23.6 | 24.8 | 29.2 | 40.6 | 53.2 | 61.1 | 67.9 | 69.7 | 60.2 | 49.7 | 37.0 | 29.0 | 45.5 |
| #1940 | 19.0 | 27.1 | 30.4 | 40.4 | 52.7 | 60.4 | 68.5 | 65.8 | 60.0 | 48.0 | 37.4 | 24.4 | 44.5 |
| 1941 | 17.1 | 24.4 | 27.3 | 46.4 | 55.0 | 63.8 | 68.0 | 64.2 | 58.8 | 48.2 | 39.9 | 29.4 | 45.2 |
| 1942 | 20.8 | 22.1 | 36.0 | 44.6 | 54.8 | 62.4 | 66.8 | 66.3 | 58.9 | 49.2 | 36.2 | 23.0 | 45.1 |
| 1943 | 17.6 | 22.9 | 29.6 | 38.4 | 52.8 | 64.7 | 68.6 | 65.4 | 57.4 | 49.1 | 37.4 | 21.0 | 43.7 |
| 1944 | 22.7 | 21.1 | 29.1 | 38.9 | 55.7 | 61.2 | 68.5 | 70.6 | 59.5 | 47.6 | 38.2 | 23.6 | 44.7 |
| 1945 | 16.0 | 22.0 | 38.6 | 47.0 | 49.5 | 60.9 | 67.1 | 66.4 | 60.6 | 45.8 | 37.8 | 22.0 | 44.8 |
| 1946 | 19.8 | 19.2 | 39.5 | 40.4 | 51.6 | 61.8 | 65.5 | 64.3 | 60.8 | 51.0 | 40.6 | 26.6 | 45.1 |
| 1947 | 21.5 | 24.6 | 32.5 | 41.2 | 51.4 | 60.2 | 70.6 | 68.6 | 59.4 | 55.3 | 36.2 | 22.8 | 45.4 |
| 1948 | 15.6 | 18.2 | 30.8 | 41.4 | 50.0 | 59.5 | 70.2 | 69.4 | 60.3 | 47.8 | 42.2 | 29.8 | 44.6 |
| 1949 | 26.6 | 26.2 | 33.2 | 45.6 | 53.8 | 64.7 | 70.8 | 69.0 | 57.2 | 51.6 | 36.3 | 30.0 | 47.1 |
| 1950 | 26.9 | 18.3 | 26.4 | 40.9 | 52.8 | 62.4 | 68.0 | 65.7 | 54.5 | 49.2 | 41.5 | 29.4 | 44.7 |
| 1951 | 25.5 | 27.4 | 33.2 | 45.6 | 53.9 | 59.9 | 68.7 | 66.4 | 59.2 | 49.0 | 35.7 | 25.4 | 45.8 |
| 1952 | 23.4 | 26.0 | 31.7 | 43.8 | 51.6 | 65.0 | 71.7 | 67.3 | 59.4 | 46.6 | 37.7 | 30.1 | 46.2 |
| 1953 | 28.5 | 27.6 | 34.4 | 44.1 | 53.8 | 62.5 | 67.8 | 65.6 | 58.9 | 49.9 | 41.3 | 33.1 | 47.3 |
| 1954 | 17.9 | 29.2 | 31.6 | 43.0 | 51.2 | 61.3 | 65.9 | 63.9 | 56.4 | 51.7 | 38.6 | 27.4 | 44.9 |
| 1955 | 22.3 | 26.7 | 30.4 | 43.7 | 56.0 | 62.6 | 71.0 | 68.5 | 57.1 | 48.5 | 36.1 | 18.2 | 45.1 |
| 1956 | 27.4 | 24.6 | 25.6 | 40.0 | 48.2 | 62.0 | 65.1 | 65.5 | 55.1 | 48.0 | 38.0 | 27.5 | 43.9 |
| 1957 | 13.9 | 26.8 | 33.6 | 44.6 | 54.5 | 64.1 | 67.1 | 63.3 | 60.3 | 49.6 | 40.7 | 32.9 | 45.9 |
| 1958 | 26.6 | 19.0 | 36.2 | 43.8 | 50.9 | 58.1 | 67.0 | 66.5 | 58.6 | 45.8 | 38.6 | 18.0 | 44.1 |
| 1959 | 21.3 | 18.1 | 30.7 | 43.0 | 56.2 | 59.1 | 69.8 | 68.5 | 60.9 | 48.0 | 38.6 | 29.7 | 45.3 |
| 1960 | 23.7 | 28.8 | 27.4 | 42.4 | 54.4 | 63.7 | 66.7 | 66.2 | 58.8 | 46.2 | 40.7 | 22.2 | 45.1 |
| 1961 | 15.3 | 24.2 | 30.1 | 41.9 | 51.1 | 62.6 | 65.8 | 66.3 | 64.1 | 50.8 | 39.7 | 26.1 | 44.8 |
| 1962 | 20.6 | 18.1 | 33.4 | 42.0 | 51.1 | 62.3 | 64.0 | 64.8 | 56.1 | 47.6 | 36.1 | 23.8 | 43.3 |
| 1963 | 23.6 | 17.4 | 31.9 | 42.4 | 52.5 | 63.1 | 68.9 | 62.9 | 54.8 | 52.3 | 41.7 | 16.6 | 44.0 |
| 1964 | 24.4 | 23.0 | 31.9 | 40.9 | 54.8 | 62.6 | 67.6 | 61.1 | 55.6 | 47.1 | 36.2 | 25.3 | 44.2 |
| 1965 | 19.8 | 21.6 | 33.3 | 41.1 | 54.8 | 63.1 | 66.3 | 66.5 | 58.0 | 47.6 | 36.6 | 27.9 | 44.7 |
| 1966 | 22.3 | 22.6 | 32.7 | 39.9 | 50.4 | 63.1 | 67.7 | 66.2 | 56.2 | 47.1 | 41.1 | 26.7 | 44.7 |
| 1967 | 24.4 | 17.2 | 26.5 | 41.5 | 47.3 | 63.3 | 67.5 | 66.8 | 59.9 | 49.7 | 34.8 | 27.8 | 43.9 |
| 1968 | 16.6 | 19.2 | 33.2 | 45.1 | 51.0 | 60.0 | 70.0 | 66.4 | 61.7 | 52.8 | 36.7 | 25.2 | 44.8 |
| 1969 | 24.2 | 25.0 | 31.1 | 43.0 | 52.8 | 62.6 | 67.6 | 71.3 | 60.9 | 48.9 | 41.1 | 28.7 | 46.5 |
| 1970 | 16.7 | 25.4 | 32.4 | 43.6 | 55.7 | 63.5 | 70.1 | 68.8 | 61.0 | 51.7 | 41.3 | 19.6 | 45.8 |
| 1971 | 12.2 | 21.9 | 31.6 | 41.6 | 52.7 | 64.3 | 69.0 | 68.9 | 61.3 | 52.5 | 35.4 | 27.3 | 44.9 |
| RECORD MEAN | 22.4 | 23.4 | 32.3 | 42.8 | 53.2 | 62.5 | 68.2 | 66.6 | 59.6 | 49.7 | 38.6 | 26.9 | 45.5 |
| MAX | 30.8 | 32.0 | 40.0 | 51.1 | 62.0 | 71.6 | 77.2 | 75.3 | 68.4 | 58.2 | 46.0 | 34.5 | 53.9 |
| MIN | 14.0 | 14.8 | 24.5 | 34.5 | 44.3 | 53.3 | 59.1 | 57.8 | 50.7 | 41.1 | 31.1 | 19.2 | 37.0 |

## TOTAL DEGREE DAYS

PORTLAND, MAINE

| Season | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1932-33 | 18 | 0 | 124 | 384 | 782 | 996 | 1018 | 1007 | 1006 | 666 | 310 | 83 | 6394 |
| 1933-34 | 44 | 10 | 148 | 451 | 896 | 1360 | 1284 | 1430 | 1036 | 612 | 290 | 110 | 7671 |
| 1934-35 | 6 | 70 | 86 | 530 | 706 | 1239 | 1460 | 1166 | 979 | 648 | 364 | 108 | 7362 |
| 1935-36 | 18 | 18 | 185 | 470 | 679 | 1260 | 1252 | 1308 | 830 | 678 | 322 | 78 | 7098 |
| 1936-37 | 35 | 45 | 186 | 452 | 874 | 1056 | 1036 | 970 | 1044 | 650 | 292 | 78 | 6718 |
| 1937-38 | 7 | 9 | 180 | 483 | 735 | 1179 | 1276 | 1075 | 968 | 615 | 390 | 84 | 7001 |
| 1938-39 | 18 | 16 | 196 | 370 | 690 | 1054 | 1284 | 1126 | 1111 | 730 | 372 | 140 | 7107 |
| 1939-40 | 20 | 6 | 170 | 472 | 838 | 1118 | 1424 | 1100 | 1070 | 738 | 381 | 152 | 7489 |
| #1940-41 | 23 | 68 | 172 | 527 | 830 | 1256 | 1484 | 1138 | 1169 | 556 | 314 | 138 | 7675 |
| 1941-42 | 12 | 89 | 216 | 520 | 752 | 1103 | 1368 | 1207 | 897 | 610 | 328 | 122 | 7224 |
| 1942-43 | 32 | 71 | 202 | 494 | 864 | 1297 | 1473 | 1179 | 1099 | 804 | 377 | 82 | 7974 |
| 1943-44 | 29 | 56 | 240 | 492 | 827 | 1366 | 1315 | 1270 | 1113 | 780 | 310 | 174 | 7972 |
| 1944-45 | 18 | 36 | 192 | 542 | 806 | 1287 | 1516 | 1201 | 818 | 542 | 480 | 174 | 7612 |
| 1945-46 | 31 | 53 | 176 | 593 | 819 | 1330 | 1401 | 1285 | 790 | 735 | 415 | 163 | 7791 |
| 1946-47 | 64 | 67 | 146 | 436 | 735 | 1187 | 1349 | 1129 | 1010 | 711 | 426 | 189 | 7449 |
| 1947-48 | 2 | 38 | 223 | 320 | 863 | 1308 | 1531 | 1355 | 1060 | 707 | 467 | 184 | 8058 |
| 1948-49 | 14 | 22 | 160 | 526 | 676 | 1089 | 1188 | 1085 | 986 | 585 | 358 | 86 | 6775 |
| 1949-50 | 11 | 27 | 239 | 419 | 862 | 1081 | 1176 | 1301 | 1192 | 718 | 371 | 111 | 7508 |
| 1950-51 | 26 | 45 | 312 | 484 | 699 | 1096 | 1220 | 1046 | 976 | 574 | 347 | 171 | 6996 |
| 1951-52 | 10 | 31 | 195 | 491 | 870 | 1219 | 1280 | 1123 | 1023 | 629 | 406 | 47 | 7324 |
| 1952-53 | 6 | 24 | 185 | 564 | 813 | 1073 | 1124 | 1041 | 940 | 620 | 341 | 129 | 6860 |
| 1953-54 | 18 | 69 | 226 | 461 | 708 | 982 | 1454 | 998 | 1026 | 654 | 419 | 146 | 7161 |
| 1954-55 | 34 | 72 | 255 | 424 | 785 | 1160 | 1315 | 1065 | 1065 | 629 | 289 | 124 | 7217 |
| 1955-56 | 5 | 42 | 246 | 501 | 861 | 1448 | 1161 | 1166 | 1213 | 743 | 516 | 141 | 8043 |
| 1956-57 | 62 | 63 | 307 | 519 | 806 | 1157 | 1580 | 1062 | 965 | 610 | 331 | 109 | 7571 |
| 1957-58 | 23 | 86 | 184 | 468 | 721 | 986 | 1183 | 1283 | 889 | 630 | 430 | 206 | 7089 |
| 1958-59 | 28 | 42 | 210 | 586 | 782 | 1449 | 1349 | 1305 | 1053 | 653 | 295 | 187 | 7939 |
| 1959-60 | 2 | 38 | 181 | 522 | 785 | 1090 | 1273 | 1040 | 1159 | 674 | 321 | 89 | 7174 |
| 1960-61 | 14 | 39 | 211 | 575 | 723 | 1317 | 1531 | 1140 | 1075 | 688 | 427 | 95 | 7835 |
| 1961-62 | 66 | 47 | 104 | 433 | 751 | 1196 | 1369 | 1307 | 976 | 686 | 438 | 107 | 7480 |
| 1962-63 | 68 | 52 | 272 | 529 | 859 | 1266 | 1277 | 1327 | 1019 | 673 | 379 | 108 | 7829 |
| 1963-64 | 31 | 94 | 299 | 395 | 691 | 1497 | 1251 | 1214 | 1020 | 718 | 324 | 111 | 7645 |
| 1964-65 | 28 | 134 | 293 | 549 | 857 | 1222 | 1396 | 1212 | 975 | 710 | 320 | 125 | 7821 |
| 1965-66 | 41 | 61 | 242 | 532 | 845 | 1145 | 1315 | 1183 | 994 | 745 | 449 | 108 | 7660 |
| 1966-67 | 19 | 29 | 264 | 549 | 710 | 1181 | 1254 | 1330 | 1187 | 699 | 544 | 92 | 7858 |
| 1967-68 | 15 | 27 | 155 | 467 | 900 | 1147 | 1496 | 1320 | 981 | 590 | 424 | 164 | 7686 |
| 1968-69 | 8 | 46 | 110 | 375 | 841 | 1228 | 1259 | 1112 | 1043 | 652 | 377 | 118 | 7169 |
| 1969-70 | 30 | 7 | 179 | 494 | 710 | 1120 | 1491 | 1104 | 1005 | 637 | 283 | 93 | 7153 |
| 1970-71 | 7 | 14 | 159 | 408 | 704 | 1400 | 1634 | 1202 | 1028 | 695 | 373 | 81 | 7705 |
| 1971-72 | 3 | 20 | 147 | 381 | 878 | 1164 | | | | | | | |

## TOTAL PRECIPITATION

| Year | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1932 | 6.71 | 4.48 | 4.35 | 2.07 | 0.78 | 1.57 | 3.71 | 4.47 | 5.42 | 3.43 | 4.57 | 1.39 | 42.95 |
| 1933 | 5.40 | 6.05 | 5.94 | 9.35 | 2.22 | 1.61 | 2.51 | 2.85 | 6.07 | 6.72 | 1.83 | 7.52 | 58.07 |
| 1934 | 4.40 | 7.35 | 3.86 | 4.62 | 2.20 | 3.51 | 3.35 | 1.10 | 5.77 | 2.31 | 3.11 | 3.90 | 45.48 |
| 1935 | 12.29 | 4.30 | 1.96 | 2.15 | 1.38 | 6.35 | 2.72 | 2.69 | 4.58 | 0.48 | 3.46 | 2.14 | 44.50 |
| 1936 | 10.01 | 5.30 | 7.48 | 4.54 | 1.41 | 2.68 | 0.76 | 2.05 | 2.02 | 2.94 | 1.75 | 8.09 | 49.03 |
| 1937 | 4.64 | 3.17 | 5.68 | 5.75 | 5.58 | 3.95 | 0.95 | 0.95 | 3.99 | 5.16 | 5.77 | 4.18 | 49.77 |
| 1938 | 4.13 | 4.11 | 3.17 | 2.57 | 4.00 | 3.71 | 5.67 | 1.69 | 6.47 | 2.74 | 3.60 | 4.29 | 46.15 |
| 1939 | 3.19 | 3.52 | 8.00 | 5.79 | 1.52 | 2.08 | 5.94 | 2.87 | 1.62 | 3.34 | 0.56 | 4.16 | 42.59 |
| #1940 | 3.69 | 4.57 | 5.34 | 7.12 | 5.82 | 3.13 | 3.18 | 1.15 | 3.92 | 0.32 | 5.52 | 3.11 | 46.87 |
| 1941 | 2.79 | 3.07 | 2.24 | 0.71 | 1.46 | 0.70 | 2.35 | 2.61 | 1.42 | 2.13 | 2.89 | 2.90 | 25.27 |
| 1942 | 3.20 | 3.92 | 7.55 | 2.17 | 1.77 | 5.94 | 5.01 | 1.06 | 1.28 | 2.55 | 4.71 | 4.99 | 44.15 |
| 1943 | 2.14 | 2.81 | 2.43 | 3.34 | 6.09 | 2.42 | 3.78 | 3.27 | 1.64 | 6.55 | 5.56 | 1.00 | 41.03 |
| 1944 | 2.28 | 3.98 | 5.12 | 3.90 | 1.00 | 5.42 | 3.03 | 0.59 | 6.79 | 2.36 | 6.59 | 3.74 | 44.80 |
| 1945 | 3.88 | 3.92 | 1.86 | 3.28 | 6.77 | 5.84 | 2.56 | 1.25 | 3.84 | 5.52 | 5.10 | 5.95 | 49.77 |
| 1946 | 3.74 | 2.61 | 1.07 | 2.71 | 3.50 | 1.67 | 2.22 | 8.30 | 2.90 | 1.49 | 2.10 | 4.49 | 36.80 |
| 1947 | 4.02 | 2.34 | 2.72 | 2.69 | 4.37 | 3.92 | 3.06 | 0.27 | 1.73 | 0.26 | 4.87 | 1.96 | 32.21 |
| 1948 | 2.39 | 1.64 | 2.63 | 2.90 | 7.74 | 3.91 | 1.24 | 1.06 | 0.30 | 3.34 | 6.48 | 3.83 | 37.46 |
| 1949 | 4.65 | 3.14 | 2.04 | 3.72 | 3.50 | 2.05 | 1.71 | 1.22 | 6.27 | 2.26 | 4.26 | 1.75 | 36.57 |
| 1950 | 4.43 | 2.45 | 4.14 | 2.38 | 1.55 | 1.63 | 0.80 | 4.54 | 1.82 | 2.11 | 5.73 | 4.09 | 35.67 |
| 1951 | 2.94 | 3.71 | 9.19 | 5.26 | 2.67 | 2.97 | 5.87 | 2.48 | 2.38 | 4.01 | 8.00 | 6.56 | 56.04 |
| 1952 | 5.39 | 5.66 | 3.20 | 4.15 | 5.04 | 5.46 | 0.75 | 3.51 | 2.67 | 1.85 | 2.24 | 5.28 | 45.20 |
| 1953 | 5.15 | 3.30 | 9.97 | 5.21 | 3.66 | 0.81 | 2.57 | 3.27 | 2.60 | 3.83 | 3.92 | 4.02 | 48.31 |
| 1954 | 2.63 | 4.18 | 3.97 | 4.31 | 6.73 | 3.52 | 2.63 | 4.79 | 9.81 | 2.01 | 5.36 | 5.32 | 55.26 |
| 1955 | 0.76 | 5.01 | 4.10 | 2.50 | 2.33 | 2.31 | 2.05 | 3.02 | 1.66 | 6.71 | 3.73 | 0.98 | 35.16 |
| 1956 | 5.82 | 3.87 | 3.75 | 3.38 | 3.06 | 1.51 | 3.03 | 1.58 | 3.61 | 2.52 | 3.93 | 3.35 | 39.41 |
| 1957 | 2.07 | 1.56 | 1.91 | 1.91 | 2.28 | 2.38 | 1.34 | 0.80 | 1.02 | 2.13 | 5.85 | 3.10 | 26.35 |
| 1958 | 9.41 | 1.72 | 2.06 | 5.28 | 2.05 | 1.91 | 5.27 | 2.21 | 2.77 | 4.36 | 4.19 | 1.19 | 42.42 |
| 1959 | 3.00 | 2.70 | 4.50 | 1.71 | 1.57 | 4.72 | 2.06 | 2.13 | 3.19 | 5.28 | 4.95 | 4.92 | 40.73 |
| 1960 | 2.65 | 6.38 | 3.27 | 3.23 | 6.34 | 2.17 | 3.06 | 1.32 | 5.01 | 2.92 | 3.15 | 3.71 | 43.21 |
| 1961 | 1.46 | 3.58 | 2.48 | 6.48 | 2.97 | 3.11 | 2.87 | 2.25 | 4.21 | 1.69 | 4.69 | 2.96 | 38.75 |
| 1962 | 2.68 | 2.25 | 2.15 | 4.51 | 1.84 | 2.65 | 2.89 | 2.87 | 2.53 | 12.27 | 4.25 | 5.47 | 46.36 |
| 1963 | 2.73 | 2.95 | 3.38 | 2.19 | 3.52 | 1.95 | 2.51 | 3.25 | 2.29 | 1.85 | 9.81 | 2.16 | 38.59 |
| 1964 | 4.74 | 2.66 | 3.64 | 3.27 | 1.56 | 2.01 | 3.47 | 1.77 | 1.02 | 3.45 | 3.25 | 3.75 | 34.59 |
| 1965 | 1.68 | 6.36 | 0.81 | 2.93 | 0.49 | 2.27 | 0.61 | 1.84 | 2.31 | 2.49 | 3.96 | 2.40 | 28.15 |
| 1966 | 4.97 | 3.43 | 3.77 | 1.00 | 1.96 | 3.04 | 0.96 | 4.99 | 3.84 | 3.61 | 5.01 | 3.46 | 40.04 |
| 1967 | 2.52 | 4.63 | 2.16 | 4.74 | 5.34 | 6.23 | 3.45 | 2.57 | 2.68 | 1.31 | 2.52 | 6.00 | 44.16 |
| 1968 | 3.00 | 1.26 | 4.16 | 3.37 | 3.81 | 4.04 | 0.65 | 2.00 | 1.40 | 2.00 | 7.74 | 7.70 | 41.13 |
| 1969 | 3.63 | 6.28 | 3.36 | 2.86 | 1.67 | 3.53 | 5.45 | 2.20 | 5.28 | 2.51 | 8.54 | 9.69 | 53.00 |
| 1970 | 0.76 | 4.31 | 4.22 | 4.14 | 3.15 | 2.91 | 0.95 | 5.12 | 4.49 | 3.87 | 2.38 | 5.14 | 41.44 |
| 1971 | 2.25 | 6.76 | 4.74 | 1.86 | 4.09 | 1.09 | 3.14 | 3.24 | 3.55 | 3.95 | 4.13 | 2.85 | 41.65 |
| RECORD MEAN | 3.85 | 3.82 | 3.90 | 3.46 | 3.35 | 3.20 | 3.06 | 3.01 | 3.20 | 3.26 | 3.91 | 3.87 | 41.89 |

## TOTAL SNOWFALL

| Season | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1932-33 | 0.0 | 0.0 | 0.0 | 0.0 | T | 3.6 | 19.8 | 20.9 | 9.2 | 11.7 | 0.0 | 0.0 | 65.2 |
| 1933-34 | 0.0 | 0.0 | 0.0 | T | 4.2 | 42.3 | 12.7 | 47.7 | 12.2 | 0.0 | 0.0 | 0.0 | 119.1 |
| 1934-35 | 0.0 | 0.0 | 0.0 | T | 1.8 | 10.8 | 59.0 | 18.8 | 4.8 | 0.8 | 0.0 | 0.0 | 96.0 |
| 1935-36 | 0.0 | 0.0 | 0.0 | 0.0 | T | 4.2 | 29.8 | 29.1 | 11.7 | 3.4 | 0.0 | 0.0 | 78.2 |
| 1936-37 | 0.0 | 0.0 | 0.0 | 0.0 | 2.9 | 2.4 | 5.6 | 1.5 | 11.3 | 5.7 | 0.0 | 0.0 | 29.4 |
| 1937-38 | 0.0 | 0.0 | 0.0 | T | 0.9 | 10.5 | 16.2 | 12.1 | 2.9 | 2.5 | 0.0 | 0.0 | 45.1 |
| 1938-39 | 0.0 | 0.0 | 0.0 | 0.0 | 16.5 | 2.3 | 14.5 | 9.8 | 30.9 | 6.5 | T | 0.0 | 80.5 |
| 1939-40 | 0.0 | 0.0 | 0.0 | T | 0.5 | 10.2 | 5.7 | 20.9 | 11.1 | 9.5 | T | 0.0 | 57.9 |
| #1940-41 | 0.0 | 0.0 | 0.0 | T | 5.4 | 10.8 | 24.7 | 0.3 | 19.8 | 0.0 | 0.0 | 0.0 | 61.0 |
| 1941-42 | 0.0 | 0.0 | 0.0 | T | T | 1.5 | 3.6 | 16.2 | 14.3 | 6.3 | 0.0 | 0.0 | 41.9 |
| 1942-43 | 0.0 | 0.0 | 0.0 | 0.0 | 1.1 | 6.3 | 17.7 | 15.2 | 13.2 | 2.7 | 0.0 | 0.0 | 56.2 |
| 1943-44 | 0.0 | 0.0 | 0.0 | T | 13.4 | 3.6 | 17.6 | 19.6 | 13.5 | 1.0 | 0.0 | 0.0 | 69.1 |
| 1944-45 | 0.0 | 0.0 | 0.0 | 0.0 | 8.2 | 15.4 | 27.8 | 27.6 | 3.3 | 0.0 | 7.0 | 0.0 | 89.3 |
| 1945-46 | 0.0 | 0.0 | 0.0 | T | 11.0 | 10.8 | 21.2 | 27.9 | 0.0 | 4.3 | 0.0 | 0.0 | 75.2 |
| 1946-47 | 0.0 | 0.0 | 0.0 | 0.0 | T | 29.4 | 12.7 | 19.4 | 4.0 | 1.1 | 0.0 | 0.0 | 66.6 |
| 1947-48 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 18.9 | 30.5 | 12.3 | 15.5 | T | 0.0 | 0.0 | 78.2 |
| 1948-49 | 0.0 | 0.0 | 0.0 | 0.0 | T | 4.0 | 21.3 | 11.5 | 7.5 | 0.4 | 0.0 | 0.0 | 44.7 |
| 1949-50 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 5.3 | 17.4 | 29.2 | 16.9 | T | 0.0 | 0.0 | 70.8 |
| 1950-51 | 0.0 | 0.0 | 0.0 | 0.0 | 3.1 | 5.6 | 19.0 | 9.8 | 10.9 | T | T | 0.0 | 48.4 |
| 1951-52 | 0.0 | 0.0 | 0.0 | 0.0 | 2.6 | 29.1 | 27.5 | 34.8 | 11.0 | T | 0.0 | 0.0 | 105.0 |
| 1952-53 | 0.0 | 0.0 | 0.0 | T | 0.4 | 2.2 | 13.5 | 9.4 | 3.7 | 2.1 | 0.0 | 0.0 | 31.3 |
| 1953-54 | 0.0 | 0.0 | 0.0 | 0.0 | 0.7 | 0.6 | 27.4 | 8.0 | 12.1 | 0.9 | 0.0 | 0.0 | 49.7 |
| 1954-55 | 0.0 | 0.0 | 0.0 | 0.0 | 1.8 | 15.8 | 4.7 | 18.6 | 14.7 | T | 0.0 | 0.0 | 55.6 |
| 1955-56 | 0.0 | 0.0 | 0.0 | T | 1.4 | 9.6 | 12.4 | 35.3 | 46.6 | 11.2 | T | 0.0 | 116.5 |
| 1956-57 | 0.0 | 0.0 | 0.0 | 0.0 | 9.1 | 35.5 | 35.3 | 1.5 | 3.1 | 5.5 | 0.0 | 0.0 | 90.0 |
| 1957-58 | 0.0 | 0.0 | 0.0 | 0.0 | T | 0.9 | 30.1 | 30.5 | 21.1 | 6.3 | 0.0 | 0.0 | 88.9 |
| 1958-59 | 0.0 | 0.0 | 0.0 | T | 0.2 | 8.3 | 8.7 | 22.1 | 21.0 | T | 0.0 | 0.0 | 60.3 |
| 1959-60 | 0.0 | 0.0 | T | 0.1 | 4.8 | 17.6 | 21.4 | 28.4 | 21.1 | T | 0.0 | 0.0 | 93.4 |
| 1960-61 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 23.1 | 15.8 | 10.7 | 21.0 | 9.8 | T | 0.0 | 80.4 |
| 1961-62 | 0.0 | 0.0 | 0.0 | 0.8 | 9.7 | 19.1 | 9.9 | 32.3 | 12.1 | 7.7 | 0.0 | 0.0 | 91.6 |
| 1962-63 | 0.0 | 0.0 | 0.0 | 3.6 | 1.3 | 14.3 | 18.4 | 22.6 | 19.1 | 0.8 | T | 0.0 | 80.1 |
| 1963-64 | 0.0 | 0.0 | 0.0 | 1.7 | T | 19.8 | 17.4 | 17.8 | 21.2 | 1.7 | 0.0 | 0.0 | 79.6 |
| 1964-65 | 0.0 | 0.0 | 0.0 | 0.0 | T | 20.5 | 15.8 | 13.2 | 3.4 | 2.6 | 0.0 | 0.0 | 55.5 |
| 1965-66 | 0.0 | 0.0 | 0.0 | T | 0.6 | 9.1 | 38.2 | 21.3 | 2.8 | 0.7 | 2.0 | 0.0 | 74.7 |
| 1966-67 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 14.7 | 12.4 | 45.8 | 17.5 | 15.7 | 0.1 | 0.0 | 106.2 |
| 1967-68 | 0.0 | 0.0 | 0.0 | 0.0 | 3.6 | 18.9 | 20.0 | 4.5 | 11.9 | 0.0 | 0.0 | 0.0 | 58.9 |
| 1968-69 | 0.0 | 0.0 | 0.0 | T | 15.3 | 18.8 | 5.4 | 61.2 | 9.3 | T | 0.0 | 0.0 | 110.0 |
| 1969-70 | 0.0 | 0.0 | 0.0 | 3.8 | T | 24.7 | 6.2 | 9.8 | 20.7 | 2.9 | 0.0 | 0.0 | 68.1 |
| 1970-71 | 0.0 | 0.0 | 0.0 | T | 0.0 | 54.8 | 17.2 | 35.6 | 24.7 | 9.2 | 0.0 | 0.0 | 141.5 |
| 1971-72 | 0.0 | 0.0 | 0.0 | 0.0 | 6.2 | 12.5 | | | | | | | |

Record mean values above (not adjusted for instrument location changes listed in the Station Location table) are means for the period beginning in 1874 for temperature and 1871 for precipitation.

# Indicates a break in the data sequence during the year, or season, due to a station move or relocation of instruments. See Station Location table.

# STATION LOCATION

PORTLAND, MAINE

| Location | Occupied from | Occupied to | Airline distance and direction from previous location | Latitude North | Longitude West | Elevation above Sea level: Ground at temperature site | Elevation above Ground: Wind instruments | Extreme thermometers | Psychrometer | Telepsychrometer | Tipping bucket rain gage | Weighing rain gage | 8" rain gage | Hygrothermometer | Elevation above Sea level: Pyranometer | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Fort Preble | 1-1820 | 12-1836 | | 43° 39' | 70° 14' | 53 | | | | | | | | | | Surgeon General Station. |
| Fort Preble | 10-1840 | 8-1845 | | 43° 39' | 70° 14' | | | | | | | | | | | Surgeon General Station. |
| Fort Preble | 1-1849 | 12-1853 | | 43° 39' | 70° 14' | | | | | | | | | | | Surgeon General Station. |
| Portland | 1856 | 1859 | | 43° 39' | 70° 15' | | | | | | | | | | | Cooperative Station. |
| Fort Preble | 1865 | 1871 | | 43° 39' | 70° 14' | | | | | | | | | | | Smithsonian Institute Station. |
| CITY | | | | | | | | | | | | | | | | |
| 4 Exchange Street | 7/15/71 | 9/30/73 | | 43° 39' | 70° 15' | 30 | ? | 40 | | | | | ? | | | |
| Boyd's Block, Middle & Exchange Streets | 9/30/73 | 12/01/74 | 450 ft. NW | 43° 39' | 70° 15' | 51 | ? | 50 | | | | | ? | | | |
| Custom House, Fore St. | 12/01/74 | 7/01/85 | 450 ft. E | 43° 39' | 70° 15' | 32 | 82 | 28 | | | | | 71 | | | |
| First National Bank 57 Exchange Street | 7/01/85 | 12/04/40 | 350 ft.WNW | 43° 39' | 70° 15' | 47 | 117* | 81 | #81 | | Ø75 | | 77 | | | Ø - 74 feet 1/94 to 4/97; * - 89 feet 5/22/93 to 11/28/99; # - Added January 1889. |
| AIRPORT | | | | | | | | | | | | | | | | |
| Administration Building† Portland City Airport†† | 12/03/39 | Present | 2.75 miles West of City Office | 43° 39' | 70° 19' | d43 | a20 f20 | e6 | e6 | | b3 | 6 | 3 | c4 f5 | 100 | a - 36 feet to 6/41; 61 feet to 5/43; 43 feet to 8/48; and 55 feet to 10/6/64. b - 24 feet to 6/48. c - Commissioned 1200 feet ESE of thermometer site 2/2/65. d - 61 feet to 2/2/65 and 47 feet to 12/10/69. e - Standby status after 2/2/65. f - Moved 850 feet SE 12/10/69. |

† General Aviation Terminal effective Oct. 1968

††Portland International Jetport, Sept. 1969.

Requests for additional information should be directed to the National Weather Service Office for which this summary was issued.

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