U. S. DEPARTMENT OF COMMERCE
WEATHER BUREAU

LOCAL CLIMATOLOGICAL DATA

WITH COMPARATIVE DATA

1958

WILMINGTON, DELAWARE

NARRATIVE CLIMATOLOGICAL SUMMARY

Delaware is part of the Atlantic Coastal Plain consisting mainly of flat low land with many marshes. Wilmington, at the northern end of the State, marks the beginning of low rolling hills extending northward into Pennsylvania. The Delaware River and Delaware Bay constitute the eastern boundary of the State while the broad Chesapeake Bay lies twenty-five miles, or less, to the west of the western boundary. These large water areas influence the climate of Delaware to a considerable extent.

The year-round climate of the Wilmington vicinity is mild and favorable for agriculture and manufacture. Winters are seldom severe. January is the coldest month with an average temperature of 33.3° and zero temperatures are infrequent. Since 1894 only 37 days with zero or below have occurred in the Wilmington area. The average date of the first snow is December 4th and the average annual fall amounts to 21.4 inches. As a rule snow does not remain on the ground more than a few days at a time.

Spring comes early in northern Delaware. The average date of the last killing freeze is April 14th. The average maximum temperature for March and April is 53.0 and 63.2 degrees, respectively. And, considering the latitude, the growing season of 197 days is quite long: the average date of the first killing freeze is October 29th.

The warmest month of the year is July with an average temperature of 75.9°, an average maximum temperature of 86.7° and an average minimum of 65.0°. During the past 65 years there have been 33 days with a temperature of 100° or over. The average number of days with 90° or over is 20. The proximity of large water areas and the inflow of moist southerly winds cause the relative humidity to be quite high all year. During the summer the average is 75%. Thunderstorms, frequent during the summer, usually occur during the late afternoons of hot humid days, with the effect of welcome relief.

The average number of days with heavy fog is 45; they occur in every month of the year, but with the maximum number in the Fall and Winter seasons. Light SE winds blowing up Delaware Bay favor the formation of heavy fog.

The average annual precipitation of 44.50 inches occurs in monthly falls ranging from 2.98 inches in February to 5.28 inches in August. Long droughts are uncommon. Tropical hurricanes moving northward along the Atlantic Coast occasionally cause heavy rain in northern Delaware but Wilmington winds seldom reach hurricane force. There is almost a complete freedom from tornadoes. Strong easterly and southeasterly winds occasionally cause high tides resulting in the flooding of lowlands and damage to beach front homes.

LATITUDE 39° 40' N
LONGITUDE 75° 36' W
ELEVATION (ground) 78 Feet

METEOROLOGICAL DATA FOR THE CURRENT YEAR

WILMINGTON, DELAWARE
NEW CASTLE COUNTY AIRPORT
1958

Month	Temperature: Averages: Daily maximum	Daily minimum	Monthly	Extremes: Highest	Date	Lowest	Date	Degree days	Precipitation: Total	Greatest in 24 hrs.	Date	Snow, Sleet: Total	Greatest in 24 hrs.	Date	Relative humidity: 1:00 a.m., EST	7:00 a.m., EST	1:00 p.m., EST	7:00 p.m., EST	Wind: Average hourly speed	Prevailing direction	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, Sleet 1.0 inch or more	Thunderstorms	Heavy fog	Temperatures: Maximum: 90° and above	32° and below	Minimum: 32° and below	0° and below
Jan.	37.7	23.8	30.8	53	22	9	10	1056	3.63	1.12	25	3.5	2.5	7	75	75	65	71	10.7	WNW	43	NE	14		6.0	11	4	16	9	2	1	2	0	8	26	0
Feb.	34.3	20.2	27.3	55	28	4	17	1050	4.14	1.83	26-27	14.5	9.8	15-16	70	71	60	68	13.1	WNW	35	WNW	4		6.6	7	5	16	9	3	0	1	0	12	25	0
Mar.	46.0	31.9	39.0	54	28+	25	13	800	5.39	2.75	19-20	20.3	15.6	19-20	78	79	60	72	12.3	NW	31	WNW	15		7.1	4	10	17	12	3	0	0	0	0	21	0
Apr.	63.0	43.8	53.4	78	19	30	9	347	4.62	1.91	6- 7	T	T	9	80	76	52	65	10.2	WNW	33	ENE	11		6.0	10	8	12	10	0	3	2	0	0	1	0
May	70.4	51.0	60.7	85	31	42	14+	149	3.89	1.50	5- 6	0.0	0.0		82	78	59	68	8.6	S	23	NE	7		6.7	6	10	15	11	0	3	3	0	0	0	0
June	77.7	57.1	67.4	89	11+	44	7	31	5.17	2.43	26	0.0	0.0		80	76	51	64	8.5	S	23	WNW	26		5.8	8	11	11	8	0	3	2	0	0	0	0
July	84.7	68.3	76.5	91	31+	60	20+	0	7.51	2.51	24	0.0	0.0		89	87	61	76	7.2	SW	31	WSW	12		6.8	4	13	14	15	0	11	1	3	0	0	0
Aug.	81.6	64.3	73.0	90	15	53	19	0	7.00	2.02	24-25	0.0	0.0		88	86	63	75	6.5	SW	25	NW	15		5.6	9	10	12	12	0	9	4	1	0	0	0
Sept.	76.8	54.8	65.8	90	17	41	29	64	2.91	1.16	20-21	0.0	0.0		86	88	56	73	7.3	SW	25	WNW	8		5.2	12	8	10	8	0	1	6	1	0	0	0
Oct.	65.0	45.8	55.4	84	10	35	6	297	3.99	2.01	22-23	0.0	0.0		84	85	59	73	8.6	WNW	29	WNW	10		5.3	12	8	11	8	0	2	3	0	0	0	0
Nov.	55.0	36.6	45.8	70	14	18	30	565	2.37	1.09	28-29	T	T	29+	77	80	55	70	8.6	WNW	37	NW	29		5.9	8	12	10	8	0	0	7	0	1	8	0
Dec.	37.3	19.8	28.6	57	5	10	26+	1123	1.25	0.66	3- 4	0.6	0.6	14	68	70	53	63	9.0	WNW	29	WSW	5		5.7	11	7	13	6	0	0	2	0	11	28	0
Year	60.8	43.1	52.0	91	July 31+	4	Feb. 17	5482	51.87	2.75	Mar. 19-20	38.9	15.6	Mar. 19-20	80	79	58	70	9.2	WNW	43	NE	Jan 14		6.1	102	106	157	116	8	33	33	5	32	109	0

NORMALS, MEANS, AND EXTREMES

Month	Temperature: Normal: Daily maximum	Daily minimum	Monthly	Extremes: Record highest	Year	Record lowest	Year	Normal degree days	Precipitation: Normal total	Maximum monthly	Year	Minimum monthly	Year	Maximum in 24 hrs.	Year	Snow, Sleet: Mean total	Maximum monthly	Year	Maximum in 24 hrs.	Year	Relative humidity: 1:00 a.m., EST	7:00 a.m., EST	1:00 p.m., EST	7:00 p.m., EST	Wind: Mean hourly 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, Sleet 1.0 inch or more	Thunderstorms	Heavy fog	Temperatures: Max.: 90° and above	32° and below	Min.: 32° and below	0° and below
(a)	(b)	(b)	(b)	11		11		(b)	(b)	11		11		11		11	11		11		11	11	11	11	10	11					11	11	11	11	11	11	11	11	11	11	11	11	11
J	41.8	24.7	33.3	75	1950	- 4	1957	983	3.56	5.55	1949	0.59	1955	1.56	1948	5.8	13.0	1948	7.3	1956	75	77	62	71	9.2	NW					6.9	6	7	18	13	2	*	5	0	5	25	*
F	42.8	24.6	33.7	74	1954+	2	1948	876	2.98	4.21	1956	1.82	1954	1.90	1952	4.8	14.8	1948	9.8	1958	75	76	59	69	9.7	NW					6.4	7	7	14	10	1	*	4	0	3	21	0
M	53.0	32.0	42.5	86	1948	10	1950	698	3.61	5.72	1953	2.64	1957	2.75	1958	4.5	20.3	1958	15.6	1958	74	75	55	65	10.9	NW					6.3	8	9	14	13	1	1	4	0	1	16	0
A	63.2	40.4	51.8	88	1957	23	1950	396	3.64	5.57	1952	1.81	1950	1.91	1958	T	T	1958+	T	1958+	77	74	52	65	10.0	WNW					6.6	7	8	15	12	0	3	3	0	0	3	0
M	74.6	51.0	62.8	93	1956+	34	1957	110	3.81	7.35	1948	1.18	1955	2.01	1952	0.0	0.0		0.0		82	77	54	68	8.6	NW					6.7	5	12	14	13	0	5	3	*	0	0	0
J	83.1	60.4	71.8	99	1952	44	1958	6	4.02	6.34	1955	0.44	1954	2.67	1955	0.0	0.0		0.0		85	78	53	69	8.3	S					5.8	8	11	11	10	0	6	3	5	0	0	0
J	86.7	65.0	75.9	102	1957+	50	1952	0	4.49	7.51	1958	0.16	1955	6.24	1952	0.0	0.0		0.0		86	80	52	69	7.5	NW					6.0	7	13	11	9	0	6	2	10	0	0	0
A	84.6	62.9	73.8	101	1955+	48	1952+	0	5.28	12.09	1955	1.89	1953	4.00	1955	0.0	0.0		0.0		88	84	56	72	7.2	NW					5.8	9	11	11	9	0	6	4	5	0	0	0
S	78.8	57.1	68.0	100	1953	37	1957+	47	3.80	7.06	1950	1.16	1951	2.29	1950	0.0	0.0		0.0		87	86	55	74	7.5	NW					5.6	10	8	12	9	0	2	4	1	0	0	0
O	67.2	45.2	56.2	91	1951	26	1952	282	2.99	3.87	1953	0.46	1952	2.94	1953	T	T	1957	T	1957	85	85	55	74	7.7	NW					5.4	11	8	12	8	0	1	5	*	0	1	0
N	55.3	35.7	45.5	85	1950	14	1955	585	3.33	7.32	1951	1.15	1949	3.83	1956	1.7	11.9	1953	11.9	1953	80	82	57	72	8.5	NW					6.0	9	8	13	9	*	1	5	0	*	12	0
D	43.9	26.2	35.1	71	1951	6	1951+	927	2.99	5.79	1951	0.19	1955	1.99	1948	2.7	11.2	1957	10.3	1957	77	78	60	71	8.6	NW					6.4	8	8	15	10	1	0	4	0	4	23	0
Year	64.6	43.8	54.2	102	July 1957+	- 4	Jan. 1957	4910	44.50	12.09	Aug. 1955	0.16	July 1955	6.24	July 1952	19.5	20.3	Mar. 1958	15.6	Mar. 1958	81	79	56	70	8.6	NW					6.2	95	110	160	125	5	32	46	23	13	101	*

Means and extremes in the above table are from the existing or comparable location(s). Annual extremes have been exceeded at prior locations as follows: Highest temperature 107 in August 1918; lowest temperature -15 in February 1934; maximum monthly precipitation 14.91 in August 1911; minimum monthly precipitation 0.06 in October 1924; maximum precipitation in 24 hours 6.53 in August 1945; maximum monthly snowfall 27.0 in January 1935; maximum snowfall in 24 hours 22.0 in December 1909.

REFERENCE NOTES

(a) Length of record, years.
(b) Normal values are based on the period 1921-1950, and are means adjusted to represent observations taken at the present standard location.
* Less than one half.
– No record.
† Airport data.
‡ City Office data.
\+ Also on earlier dates, months, or years.
T Trace, an amount too small to measure.

Mean values at the end of the Average Temperature and Total Precipitation tables are long-term means based on the period of record beginning in 1948 Values have not been corrected for changes in instrument location listed in the Station Location Table.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in degrees F.; precipitation and snowfall in inches; wind movement in miles per hour; and relative humidity in percent.

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 tenths; partly cloudy days on 4-7 tenths and cloudy days on 8-10 tenths. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F. Sleet was included in snowfall totals beginning with July 1948.

Data for earlier years may be obtained by contacting the Weather Bureau Office for which this summary was issued.

Heavy fog in the Means and Extremes Table also includes data referred to at various times in the past as "Dense" or "Thick". The upper visibility limit for heavy fog is 1/4 mile.

Below zero temperatures are preceded by a minus sign.

Data entered in the column headed "Fastest Mile" in the first table are the fastest observed 1-minute speed and its direction. This station is not equipped with automatic recording wind instruments.

Sale Price: 15 cents per copy. Checks and money orders should be made payable to the Superintendent of Documents. Remittances and correspondence regarding this summary should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

WILMINGTON, DELAWARE
NEW CASTLE COUNTY AIRPORT
1958

AVERAGE TEMPERATURE

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	An'l.
1910	34.4	36.7	47.8	57.4	65.0	70.3	78.5	72.3	66.2	56.2	39.2	27.2	54.3
1911	33.6	30.8	37.4	48.2	65.4	68.4	74.7	70.6	65.0	52.6	40.8	36.6	52.0
1912	28.4	34.7	40.8	55.0	65.8	72.2	76.8	74.4	70.8	61.0	48.7	39.0	55.6
1913	43.3	35.3	49.2	55.6	64.2	74.0	78.6	75.7	68.5	60.8	48.8	40.6	57.9
1914	36.6	30.4	39.4	53.3	68.2	74.2	76.1	76.8	68.4	61.6	46.8	33.6	55.5
1915	36.2	39.1	39.2	58.6	62.1	69.4	77.5	74.4	72.2	60.4	47.2	34.6	55.9
1916	38.2	32.5	36.6	52.8	66.4	69.6	76.8	75.0	66.4	56.7	44.4	32.4	54.0
1917	32.2	30.6	39.6	51.8	55.8	71.2	75.4	74.6	63.0	52.2	42.0	26.7	51.3
1918	21.4	31.5	44.0	51.8	66.8	68.8	74.1	76.8	64.2	58.7	45.6	40.2	53.7
1919	35.8	35.0	45.4	51.2	62.7	71.2	75.2	71.8	67.6	61.8	45.3	30.1	54.4
1920	25.2	29.6	41.8	50.0	58.2	69.8	73.1	73.4	67.8	60.2	43.9	36.9	52.5
1921	34.2	36.4	51.6	57.2	62.0	72.2	77.7	71.3	71.7	58.4	45.8	35.4	56.0
1922	29.1	36.2	43.6	53.3	65.2	73.4	75.0	72.6	68.8	58.4	45.3	34.0	54.6
1923	32.5	28.2	41.8	51.7	61.7	74.6	74.4	72.9	68.9	55.2	44.2	41.8	54.0
1924	33.5	31.2	40.4	49.2	58.1	68.2	73.2	73.4	63.8	57.0	44.2	34.4	52.2
1925	29.9	39.7	45.0	54.0	58.8	76.8	75.8	72.4	71.4	50.6	43.1	34.9	54.4
1926	31.6	32.3	37.2	48.9	61.1	66.5	74.5	74.0	66.3	54.9	43.4	30.6	51.8
1927	31.0	38.2	43.8	49.2	59.9	66.9	73.8	67.5	67.0	58.2	48.8	37.0	53.4
1928	33.8	33.8	40.4	48.8	60.1	68.9	75.5	76.0	64.0	57.8	47.3	37.4	53.6
1929	32.2	32.7	48.0	54.4	60.9	70.6	74.1	71.3	68.2	53.6	46.3	35.4	54.0
1930	33.4	37.8	42.4	49.9	64.7	73.0	76.7	73.9	72.3	53.8	45.2	34.2	54.8
1931	33.6	35.0	39.2	50.5	61.7	71.0	77.2	74.2	72.1	59.2	52.0	42.2	55.7
1932	44.2	38.3	37.6	50.2	62.0	70.7	75.0	74.6	68.8	57.6	44.1	36.4	55.0
1933	40.4	35.6	39.6	52.1	64.7	72.4	74.3	74.4	69.7	55.6	42.4	34.1	54.6
1934	36.2	20.2	38.0	51.0	64.2	74.0	77.4	71.3	68.8	54.0	48.0	34.4	53.1
1935	30.0	32.0	45.8	50.1	59.1	70.1	76.6	74.0	65.2	56.4	49.0	29.7	53.2
1936	28.2	25.0	46.8	49.6	65.0	70.8	75.9	75.8	68.8	57.5	43.0	38.3	53.7
1937	41.0	35.2	37.6	51.0	63.8	72.0	75.7	75.8	65.1	54.4	44.6	34.2	54.2
1938	32.8	36.4	45.0	54.1	60.9	70.4	75.9	76.5	66.0	57.6	47.8	35.8	54.9
1939	32.6	38.6	42.2	50.2	64.2	72.4	74.6	76.0	68.4	57.0	42.8	36.8	54.6
1940	22.9	33.0	36.4	46.8	61.2	70.3	75.4	70.8	64.8	52.1	44.8	39.0	51.5
1941	30.8	30.2	35.6	56.3	64.9	70.7	75.0	73.0	70.2	61.4	48.0	38.8	54.6
1942	31.0	30.7	43.8	54.8	65.6	71.4	75.4	72.6	67.9	57.4	46.2	31.3	54.0
1943	31.9	34.8	42.6	47.4	63.4	75.4	75.0	75.2	67.0	54.5	44.3	33.6	53.8
1944	34.4	34.2	38.9	50.0	67.3	71.7	75.8	74.7	71.2	55.2	45.6	31.6	54.2
1945	26.1	33.4	51.6	55.4	60.2	71.0	74.2	71.6	70.2	54.7	47.3	30.0	53.8
1946	34.2	35.0	50.4	50.2	61.6	67.4	73.4	69.6	68.4	59.1	47.8	37.4	54.5
1947	37.8	27.8	36.5	51.4	60.9	68.0	73.8	75.2	67.5	62.2	42.9	33.4	53.1
1948	25.5	31.0	43.4	51.0	61.4	70.6	75.7	73.6	66.8	54.2	49.4	36.3	53.2
1949	39.2	38.6	43.2	52.0	62.9	72.9	78.7	75.1	64.2	60.4	44.5	37.5	55.8
1950	42.7	33.6	37.6	48.3	60.1	69.7	74.0	72.5	63.4	57.6	45.0	32.4	53.1
1951	34.2	34.8	41.5	51.6	61.9	70.4	75.9	73.8	67.0	59.1	41.5	37.6	54.1
1952	37.0	37.6	40.5	54.6	61.0	73.4	78.4	74.3	67.4	52.4	45.5	37.4	55.0
1953	37.6	38.4	44.4	52.3	65.0	72.2	77.0	74.5	68.2	58.0	45.2	38.7	56.0
1954	31.3	40.4	41.5	55.6	60.6	72.0	76.2	72.9	68.3	59.6	43.8	35.1	54.8
1955	31.5	34.1	43.5	54.8	64.8	68.7	81.2	77.9	67.2	58.1	43.3	29.9	54.6
1956	31.8	37.5	38.6	49.9	59.9	71.7	73.4	73.4	64.6	56.8	45.2	41.3	53.7
1957	28.6	37.4	42.2	54.1	62.9	74.2	75.9	73.2	68.7	53.3	46.6	37.9	54.6
1958	30.8	27.3	39.0	53.4	60.7	67.4	76.5	73.0	65.8	55.4	45.8	28.6	52.0
RECORD MEAN													
TEMP	33.6	35.5	41.4	52.5	61.9	71.2	76.6	74.0	66.5	56.8	45.1	35.7	54.2
MAX	41.5	44.1	50.4	62.9	72.5	81.8	87.0	84.1	76.8	67.2	54.6	44.0	63.9
MIN	25.7	26.9	32.3	42.1	51.3	60.6	66.2	63.9	56.1	46.4	35.5	27.3	44.5

TOTAL PRECIPITATION

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1910	4.07	1.20	1.35	3.88	1.93	6.84	5.42	4.69	3.93	3.29	3.62	2.53	42.75
1911	3.58	2.13	2.57	4.21	1.22	6.66	4.39	14.91	2.18	4.83	6.42	3.95	57.05
1912	2.12	3.21	8.17	3.28	3.90	2.65	5.80	1.78	8.10	3.36	4.01	5.06	51.44
1913	3.63	2.35	6.37	7.18	5.41	1.21	3.52	4.41	2.96	5.16	1.90	2.92	47.02
1914	4.04	2.81	2.19	3.92	1.11	1.59	7.60	3.15	0.65	2.09	1.72	5.83	36.70
1915	5.18	6.48	1.59	3.47	5.21	5.56	2.40	5.97	0.38	2.58	1.27	3.56	43.85
1916	1.85	3.38	3.87	2.52	2.32	4.55	6.86	0.46	2.18	1.69	2.16	5.23	37.07
1917	3.71	2.00	5.56	2.54	2.81	5.46	6.14	4.35	4.06	6.73	0.91	2.08	46.35
1918	4.55	1.42	2.24	4.73	2.98	3.19	1.37	2.45	3.37	0.88	1.53	3.99	32.70
1919	3.63	3.41	5.19	4.37	5.66	3.22	13.55	5.12	2.52	3.16	5.47	4.15	59.45
1920	2.73	3.35	4.35	4.54	3.57	5.78	5.12	9.62	5.85	0.45	4.48	4.43	54.27
1921	2.48	2.58	2.70	3.78	3.66	2.31	4.10	6.63	3.41	1.20	3.66	3.24	39.75
1922	2.88	3.42	5.35	1.50	2.72	4.87	3.68	3.37	1.26	1.40	0.63	3.23	34.31
1923	4.47	2.94	4.08	4.49	2.32	1.05	6.34	3.64	5.13	3.45	2.66	3.83	44.40
1924	4.25	4.42	3.00	5.33	5.90	7.38	3.40	4.46	5.61	0.06	2.03	2.36	48.20
1925	4.20	2.42	3.19	2.95	2.38	1.29	4.80	2.03	1.54	5.90	4.02	1.27	35.99
1926	3.42	4.09	2.04	1.76	2.98	2.50	8.17	2.88	5.70	3.62	3.56	3.25	43.97
1927	2.44	2.59	1.81	2.65	2.28	3.06	6.51	7.42	2.94	5.78	5.30	4.38	47.16
1928	2.62	4.51	2.32	5.47	2.61	7.39	6.88	8.97	4.74	1.32	1.45	2.64	50.92
1929	2.90	4.18	2.29	6.94	2.75	3.41	1.08	4.79	6.33	4.68	3.42	3.48	46.25
1930	3.36	3.04	2.71	1.75	3.13	2.09	2.72	1.86	5.45	1.14	1.80	2.50	31.55
1931	2.35	1.80	4.26	2.65	4.54	4.60	5.59	9.07	1.29	2.09	1.07	2.29	41.60
1932	6.02	2.15	6.87	1.48	4.02	4.91	1.55	3.50	2.97	6.21	7.14	3.18	50.00
1933	2.86	3.59	5.14	5.75	6.16	1.49	6.12	11.10	3.46	1.79	1.04	2.96	51.46
1934	2.83	2.83	3.60	4.00	4.16	4.78	4.52	5.33	6.98	1.64	4.38	2.45	47.50
1935	5.04	3.48	2.73	3.68	3.40	5.20	4.23	4.60	6.60	3.09	6.25	2.53	50.83
1936	7.45	2.72	5.97	2.98	2.90	3.39	2.71	7.01	3.47	3.11	0.78	5.46	47.95
1937	6.36	2.30	2.09	4.41	2.37	5.48	2.58	6.57	2.69	5.29	3.19	1.38	44.71
1938	2.40	2.52	2.41	2.02	4.05	8.37	6.94	5.24	8.10	1.91	2.80	3.48	50.24
1939	3.57	5.90	3.85	6.47	0.35	5.59	1.67	6.78	0.87	5.68	0.72	1.90	43.35
1940	1.51	2.87	5.64	6.47	4.88	2.04	1.87	5.33	2.99	2.67	4.58	2.82	43.47
1941	3.17	1.88	1.99	2.90	1.42	3.61	5.66	3.21	0.73	1.94	2.91	3.78	33.20
1942	2.89	2.67	5.60	1.12	2.49	2.41	9.05	9.54	2.14	3.98	3.08	4.37	49.34
1943	2.73	1.88	2.76	3.56	6.18	4.05	3.87	1.12	0.45	6.20	3.54	1.45	37.79
1944	3.39	2.00	6.02	5.20	2.31	5.06	1.31	3.53	6.58	2.14	4.60	3.35	45.49
1945	4.27	3.15	2.73	4.32	5.17	4.80	9.94	10.67	4.41	1.85	5.70	4.04	61.05
1946	1.76	1.95	3.29	1.88	7.12	6.42	4.76	6.26	3.91	2.11	1.38	2.25	43.09
1947	3.72	1.47	2.39	6.20	7.24	4.27	2.99	2.31	2.19	2.23	8.11	1.80	44.92
1948	4.05	2.66	3.76	3.07	7.35	5.25	1.15	4.58	1.87	1.25	4.82	5.25	45.06
1949	5.55	4.18	3.00	2.69	4.10	0.98	6.18	3.55	3.08	3.63	1.15	2.90	40.97
1950	1.97	3.11	4.74	1.81	3.32	2.45	4.35	3.05	7.06	2.46	4.22	1.95	40.49
1951	3.64	2.96	3.76	2.56	3.56	4.27	3.84	3.23	1.16	3.17	7.32	5.79	45.26
1952	5.09	2.73	5.35	5.57	4.61	2.52	7.40	3.09	3.12	0.46	5.40	3.61	48.95
1953	5.14	2.69	5.72	4.76	5.39	2.52	3.21	1.89	3.64	3.87	2.19	4.13	45.15
1954	1.71	1.82	4.03	2.84	2.38	0.44	1.93	5.82	3.39	2.08	4.14	3.14	33.72
1955	0.59	2.93	4.86	2.55	1.18	6.34	0.16	12.09	2.27	2.62	1.36	0.19	37.14
1956	2.61	4.21	5.18	2.80	2.12	3.58	7.39	3.58	2.77	3.58	5.94	4.09	47.85
1957	2.30	3.76	2.64	3.73	2.36	3.45	1.33	2.61	6.55	2.51	3.11	4.74	39.09
1958	3.63	4.14	5.39	4.62	3.89	5.17	7.51	7.00	2.91	3.99	2.37	1.25	51.87
RECORD MEAN													
MEAN	3.30	3.20	4.40	3.36	3.66	3.36	4.04	4.59	3.44	2.69	3.82	3.37	43.23

MONTHLY AND SEASONAL DEGREE DAYS

Season	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Total
1920-21	4	0	25	167	625	862	947	810	415	229	139	5	4228
1921-22	0	0	4	259	571	938	1106	798	654	362	50	0	4742
1922-23	0	1	29	248	584	943	999	1020	716	397	123	0	5060
1923-24	0	7	33	298	614	707	971	981	756	465	212	43	5087
1924-25	0	1	94	241	605	938	1080	702	613	339	213	0	4826
1925-26	1	10	29	440	651	924	1027	909	857	482	131	54	5515
1926-27	4	5	60	334	642	1057	1046	746	651	476	167	49	5237
1927-28	1	20	44	247	481	859	959	896	752	480	159	14	4912
1928-29	0	0	114	247	523	850	1006	896	533	344	175	31	4719
1929-30	3	0	56	347	558	909	975	757	693	444	97	3	4842
1930-31	0	3	7	340	589	947	964	834	794	422	155	9	5064
1931-32	0	1	25	208	385	697	641	770	843	440	135	15	4160
1932-33	0	0	37	235	619	859	753	820	781	378	88	30	4600
1933-34	0	0	22	292	671	951	888	1246	828	409	104	1	5412
1934-35	0	12	21	333	504	944	1080	919	587	448	220	12	5080
1935-36	0	3	55	264	474	1086	1133	1152	557	458	90	6	5278
1936-37	0	0	33	238	660	822	739	828	841	410	102	0	4673
1937-38	0	2	87	333	603	945	987	792	617	337	145	17	4865
1938-39	0	0	53	238	515	900	995	734	700	445	132	6	4718
1939-40	0	3	21	274	658	863	1298	924	876	539	144	15	5615

Season	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Total
1940-41	3	23	83	392	600	801	1049	968	904	288	104	19	5234
1941-42	1	6	26	198	501	802	1048	954	651	311	56	8	4562
1942-43	0	9	70	234	556	1037	1022	837	688	519	108	5	5085
1943-44	2	0	62	323	611	967	935	888	801	443	37	12	5081
1944-45	0	3	38	307	577	1029	1197	877	426	284	174	54	4966
1945-46	1	6	18	314	526	1076	951	833	447	437	139	67	4815
1946-47	0	8	22	196	505	846	836	1036	876	410	182	25	4942
1947-48	0	0	113	122	656	972	1230	982	681	419	156	11	5342
1948-49	0	0	55	338	468	892	805	741	681	394	122	13	4509
1949-50	0	3	87	184	613	854	682	872	841	494	163	13	4806
1950-51	0	2	114	232	598	1001	948	838	718	396	125	19	4991
1951-52	0	2	45	214	699	842	862	789	751	309	140	8	4661
1952-53	0	4	32	391	579	848	846	740	631	377	67	18	4533
1953-54	0	0	53	215	589	810	1040	684	723	289	163	7	4573
1954-55	0	0	36	249	630	920	1031	857	660	300	83	30	4796
1955-56	0	0	45	226	645	1081	1021	790	810	456	199	13	5286
1956-57	1	1	120	249	589	727	1120	764	703	344	129	16	4763
1957-58	0	0	65	359	544	836	1056	1050	800	347	149	31	5237
1958-59	0	0	64	297	565	1123							

MONTHLY AND SEASONAL SNOWFALL

WILMINGTON, DELAWARE
NEW CASTLE COUNTY AIRPORT
1958

Season	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Total
1909-10	0	0	0	0	0.5	23.5	11.0	2.0	1.0	T	0	0	38.0
1910-11	0	0	0	0	0	12.5	4.0	6.5	3.5	T	0	0	26.5
1911-12	0	0	0	0	0	T	16.5	0.8	7.0	0	0	0	24.3
1912-13	0	0	0	0	0.5	12.0	T	1.5	0	0	0	0	14.0
1913-14	0	0	0	0	0	0	0.7	13.0	13.3	0	0	0	27.0
1914-15	0	0	0	0	0	1.5	2.0	2.1	10.2	12.0	0	0	27.8
1915-16	0	0	0	0	T	6.0	1.4	5.7	6.0	6.7	0	0	25.8
1916-17	0	0	0	0	T	14.0	4.5	7.4	0.7	5.5	0	0	32.1
1917-18	0	0	0	0	1.5	3.7	24.0	2.7	0	T	0	0	31.9
1918-19	0	0	0	0	0	0.8	0.5	2.0	1.0	T	0	0	4.3
1919-20	0	0	0	0	0	6.2	2.5	11.2	4.5	T	0	0	24.4
1920-21	0	0	0	0	0	0.5	1.0	8.2	2.0	3.0	0	0	14.7
1921-22	0	0	0	0	0	8.0	20.3	6.0	0.8	0	0	0	35.1
1922-23	0	0	0	0	T	2.2	5.0	7.0	6.0	0.5	0	0	20.7
1923-24	0	0	0	0	0	1.5	0.2	12.2	1.5	8.0	0	0	23.4
1924-25	0	0	0	0	0.5	0.5	13.5	T	T	0	0	0	14.5
1925-26	0	0	0	3.0	0.8	T	3.0	17.9	T	T	0	0	24.7
1926-27	0	0	0	0	0	4.5	6.7	6.3	T	1.2	0	0	18.7
1927-28	0	0	0	0	T	6.0	12.0	0.7	2.0	0.8	0	0	21.5
1928-29	0	0	0	0	T	6.0	1.0	8.7	T	0	0	0	15.7
1929-30	0	0	0	0	0.2	2.5	7.0	1.5	T	T	0	0	11.2
1930-31	0	0	0	0	T	1.2	1.0	0.5	3.0	0	0	0	5.7
1931-32	0	0	0	0	0.5	T	1.0	T	7.0	T	0	0	8.5
1932-33	0	0	0	0	T	13.0	T	13.0	4.0	0	0	0	30.0
1933-34	0	0	0	0	0.5	5.5	T	26.2	12.5	T	0	0	44.7
1934-35	0	0	0	T	T	0.2	27.0	7.4	1.0	T	0	0	35.6
1935-36	0	0	0	0	0.8	14.5	4.7	11.0	T	T	0	0	31.0
1936-37	0	0	0	0	T	0.5	T	5.0	7.5	T	0	0	13.0
1937-38	0	0	0	T	T	T	1.0	3.5	3.0	T	0	0	7.5
1938-39	0	0	0	0	8.5	0.3	12.0	T	2.5	T	0	0	23.3

Season	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Total
1939-40	0	0	0	0	T	1.5	4.7	8.1	2.8	2.5	0	0	19.6
1940-41	0	0	0	2.0	T	5.0	5.5	6.6	9.0	0	0	0	28.1
1941-42	0	0	0	0	0	T	3.5	2.3	2.2	0	0	0	8.0
1942-43	0	0	0	0	0	5.0	5.1	1.0	8.0	T	0	0	19.1
1943-44	0	0	0	0	T	0	2.5	3.7	9.5	1.0	0	0	16.7
1944-45	0	0	0	0	T	4.9	7.0	6.5	0	0	0	0	18.4
1945-46	0	0	0	0	T	10.5	1.0	2.0	0	0	0	0	13.5
1946-47	0	0	0	0	0	0.5	4.3	13.5	2.2	0	0	0	20.5
1947-48	0	0	0	0	T	6.0	13.0	14.8	1.6	0	0	0	35.4
1948-49	0	0	0	0	0	6.4	4.2	10.1	T	0	0	0	20.7
1949-50	0	0	0	0	0	T	T	0.6	0.4	T	T	0	0	1.0
1950-51	0	0	0	0	0	0.8	0.7	2.6	0.7	T	0	0	0	4.8
1951-52	0	0	0	0	0	T	6.6	4.0	T	6.8	0	0	0	17.4
1952-53	0	0	0	0	0	2.0	2.8	5.2	1.0	5.5	T	0	0	16.5
1953-54	0	0	0	0	0	11.9	T	11.5	0.6	0.3	T	0	0	24.3
1954-55	0	0	0	0	0	T	0.9	3.8	8.5	2.0	0	0	0	15.2
1955-56	0	0	0	0	0	4.3	0.9	8.7	1.1	12.3	T	0	0	27.3
1956-57	0	0	0	0	0	T	T	6.5	1.3	1.2	T	0	0	9.0
1957-58	0	0	0	0	0	0	11.2	3.5	14.5	20.3	T	0	0	49.5
1958-59	0	0	0	0	T	0.6							

The horizontal lines drawn on the Average Temperature, Total Precipitation, Monthly and Seasonal Degree Days, and Monthly and Seasonal Snowfall tables separate the data according to station location (see Station Location table).

STATION LOCATION

Location	Occupied from	Occupied to	Airline distance and direction from previous location	Latitude	Longitude	Elevation above Sea level: Ground	Elevation above Sea level: Actual barometer elevation (H_a)	Elevation above Ground: Wind instruments	Extreme thermometers	Psychrometer	Telepsychrometer	Tipping bucket rain gage	Weighing rain gage	8" rain gage			REMARKS
COOPERATIVE STATIONS																	
Wilmington, Delaware 6th & King Streets	4- 1-94	*7-12-16		39° 45'N	75° 33'W	86								35'			Ordinary thermometer exposed outside N window; Sept. '09 max. and min. in use, Exposure thermometers "poor".
Porter Reservoir Wilmington, Delaware 1.9 miles NNE of P.O.	3- 1-12	Present	2.2 mi. NNE	39° 46'N	75° 33'W	260			3'					3'			Home made shelter in use; C.R. shelter Sept. 1936, good exposure over sod. Pcpn. readings began 7-12-12.
Wilmington, Delaware 10th & King Streets 1 block S of P.O.	*7-12-16	Present	1.9 mi. SSW	39° 45'N	75° 33'W	99								47'			During most of the time this station has been precipitation only.
AIRPORT STATION																	
Bellanca Field, New Castle, Delaware. 6.1 miles SSW Wilmington P.O.	*4-20-31	*6- 1934	6 mi. SSW	39° 40'N	75° 36'W												Airway Observations telephoned to WBAS, Camden, New Jersey. Observational records not available.
DuPont Airport, Wilmington, Delaware 3 miles WNW Wilmington P.O.	4-27-42	12- 8-42	6.8 mi. N	39° 46'N	75° 36'W												WBAS 7-9-42 to 12-8-42. Observational records not available.
New Castle County Airport Tower, Wilmington, Delaware. 5.6 miles SW of P.O.	5- 9-47	11- 6-47	5.6 mi. SSW	39° 40'N	75° 36'W			75									Airway Obs. by County Tower employees. Ceiling, visibility and wind only.
New Castle County Airport, Administration Bldg. Wilmington, Del. 5.6 miles SW of P.O.	11- 7-47	12- 5-47	125 yds.SW	39° 40'N	75° 36'W	73	80	75	5	5				3			Wind instruments of location No. 6 used. No barometer observations made at this location.
New Castle County Airport, Terminal Building Wilmington, Del. 5.6 miles SW of P.O.	12- 5-47	7-16-56	150 ft. NE	39° 40'N	75° 36'W	73	80	34	5	5				4-			Barometer readings started January 16, 1948. Exposure of instruments good.
New Castle County Airport, New Terminal Building, Wilmington, Del. 5.5 miles SW of P. O.	7-16-56	Present	7/8 Miles SE	39° 40'N	75° 36'W	78	96	72	5	5				4			Exposure of Instruments excellent.

* Exact dates doubtful
Through December 1931, WBO Baltimore, the Section Center, combined the temperature records at Porter Reservoir and the precipitation records from location No. 3 into a Wilmington report. WBAS, Wilmington has used data from locations No. 1, No. 2, No. 8 and No. 9 as official Wilmington data.

Data considered official for local records and for the Local Climatological Summary obtained as follows:
Location No. 1 - Temperature April 1894 - February 1912, Precipitation April 1894 - July, 1912.
Location No. 2 - Temperature March 1912 - December 1947, Precipitation July 1912 - December 1947.
Location No. 8 - All elements January 1, 1948 - July 15, 1956.
Location No. 9 - All elements beginning July 16, 1956.

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