

U. S. DEPARTMENT OF COMMERCE
WEATHER BUREAU

LOCAL CLIMATOLOGICAL DATA

WITH COMPARATIVE DATA

1960

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
 1960

Month	Temperature							Degree days	Precipitation						Relative humidity				Wind					Number of days																				
	Averages			Extremes					Total	Greatest in 24 hrs.	Date	Snow, Sleet			1:00 a.m., EST	7:00 a.m., EST	1:00 p.m., EST	7:00 p.m., EST	Average hourly speed	Prevailing direction	Fastest mile			Percent of possible sunshine	Average sky cover sunrise to sunset	Sunrise to sunset				Precipitation .01 inch or more	Snow, Sleet 1.0 inch or more	Thunderstorms	Heavy fog	Temperatures										
	Daily maximum	Daily minimum	Monthly	Highest	Date	Lowest	Date					Total	Greatest in 24 hrs.	Date							Speed	Direction	Date			Clear	Partly cloudy	Cloudy	90° and above					32° and below	32° and below	0° and below	0° and below							
JAN	41.7	28.4	35.1	58	3	18	25	920	2.86	.80	2-3	.2	.2	12	77	79	61	73	9.3	WNW	35	N	19	6.6	6	7	18	9	0	0	5	1	24	0	0	0	0							
FEB	43.8	27.9	35.9	66	11	17	16	840	3.69	1.06	18-19	.5	3.5	13-14	73	76	56	65	12.2	WNW	42	WNW	19	6.7	7	6	16	11	0	0	1	0	1	24	0	0	0	0						
MAR	40.8	24.8	32.8	79	28	9	11	994	1.71	.72	3	13.4	7.9	3	70	74	57	64	12.0	WNW	38	WNW	4	6.0	11	6	14	11	3	0	0	0	0	8	25	0	0	0	0					
APR	68.4	44.3	56.4	89	25+	29	11+	279	2.93	1.34	3-4	T	T	6	75	77	48	57	10.6	WNW	32	WNW	12	6.7	4	12	14	8	0	2	1	0	0	2	0	0	0	0	0					
MAY	70.8	50.3	60.6	82	16	35	2	144	5.12	1.07	20-21	.0	.0	.0	86	87	60	69	8.3	S	24	S	7	6.9	6	7	18	15	0	8	3	0	0	0	0	0	0	0	0	0				
JUN	81.0	60.9	71.0	90	30	51	11+	2	1.37	.62	12	.0	.0	.0	79	79	53	61	8.1	S	40	SW	29	5.4	8	12	10	7	0	4	1	0	0	0	0	0	0	0	0	0	0			
JUL	82.9	63.3	73.1	90	3	54	8	0	6.18	2.47	29-30	.0	.0	.0	83	81	55	64	7.9	S	23	SSE	26	5.5	10	9	12	9	0	5	6	1	0	0	0	0	0	0	0	0	0			
AUG	83.4	66.3	74.9	91	30+	55	26	18	5.08	1.24	31	.0	.0	.0	89	88	64	78	7.2	S	40	NNE	31+	6.5	6	10	15	11	0	7	3	2	0	0	0	0	0	0	0	0	0	0		
SEP	76.6	59.3	68.0	87	1	48	14	18	9.53	5.62	11-12	T	T	T	89	91	63	76	7.2	ENE	37	N	12	6.1	6	11	13	11	0	3	3	0	0	0	0	0	0	0	0	0	0	0		
OCT	65.4	45.2	55.3	81	15	30	26	297	2.85	1.43	19-20	T	T	T	84	85	54	71	8.3	WNW	29	WNW	24	5.9	9	9	13	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NOV	56.7	35.1	45.9	70	16	22	8	565	2.04	1.01	9-10	T	T	T	82	85	54	72	7.9	WNW	24	WNW	30	5.9	9	9	12	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEC	38.1	18.6	28.4	65	5	7	23+	1130	2.67	1.15	11-12	13.2	11.1	11-12	68	72	57	65	9.4	WNW	40	NE	11	4.9	12	10	9	6	3	2	0	0	9	29	0	0	0	0	0	0	0	0		
YEAR	62.5	43.7	53.1	91	AUG 30	7	DEC 23	5189	46.03	5.62	SEP 11-12	31.9	11.1	DEC 11-12	80	81	57	68	9.0	WNW	42	WNW	FEB 19	6.1	96	106	164	115	9	31	32	4	19	117	0	0	0	0	0	0	0	0	0	

NORMALS, MEANS, AND EXTREMES

Month	Temperature							Normal degree days	Precipitation						Relative humidity				Wind					Mean number of days																									
	Normal			Extremes					Normal total	Maximum monthly	Year	Minimum monthly	Year	Maximum in 24 hrs.	Year	Snow, Sleet			1:00 a.m., EST	7:00 a.m., EST	1:00 p.m., EST	7:00 p.m., EST	Mean hourly speed	Prevailing direction	Fastest mile			Pct. of possible sunshine	Mean sky cover sunrise to sunset	Sunrise to sunset				Precipitation .01 inch or more	Snow, Sleet 1.0 inch or more	Thunderstorms	Heavy fog	Temperatures											
	Daily maximum	Daily minimum	Monthly	Record highest	Year	Record lowest	Year									Total	Maximum monthly	Year							Maximum in 24 hrs.	Year	Speed			Direction	Year	Clear	Partly cloudy					Cloudy	90° and above	32° and below	32° and below	0° and below	0° and below						
	(b)	(b)	(b)	13	Year	13	Year									13	13	13							13	13	13			13	13	13	13					13	13	13	13	13	13	13	13	13	13	13	13
JAN	41.8	24.7	33.3	75	1950	-4	1957	983	3.56	5.55	1949	.59	1955	1.56	1948	5.2	13.0	1948	7.3	1956	75	77	62	70	9.4	WNW	35	N	19	6.6	6	7	18	9	0	0	5	1	24	0	0	0	0	0					
FEB	42.8	24.6	33.7	74	1954+	-	1948	903	3.08	4.21	1956	1.80	1959	1.90	1952	4.5	14.8	1948	9.8	1958	75	76	59	69	10.0	WNW	42	WNW	19	6.7	7	7	14	10	1	*	4	0	4	22	0	0	0	0					
MAR	53.0	32.0	42.5	86	1948	9	1960	698	3.61	5.72	1953	1.71	1960	2.75	1958	5.0	20.3	1958	15.6	1958	73	75	55	65	11.1	WNW	38	WNW	4	6.0	11	6	14	11	3	0	0	1	17	0	0	0	0	0					
APR	65.2	40.4	51.8	89	1960	23	1950	396	3.64	5.57	1952	1.81	1950	1.91	1958	.1	1.1	1959	1.1	1959	77	75	52	64	10.1	WNW	32	WNW	12	6.7	4	12	14	8	0	2	1	0	0	2	0	0	0	0	0				
MAY	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	1959	82	78	54	68	8.6	S	24	S	7	6.9	6	7	18	15	0	8	3	0	0	0	0	0	0	0	0				
JUN	83.1	60.4	71.8	99	1952	44	1958	6	4.02	6.34	1955	.44	1954	2.67	1955	.0	.0	.0	.0	1959	84	78	53	68	8.3	S	40	SW	29	5.4	8	12	10	7	0	4	1	0	0	0	0	0	0	0	0	0			
JUL	86.7	65.0	75.9	102	1957+	50	1952	0	4.49	7.51	1958	.16	1955	6.24	1952	.0	.0	.0	.0	1959	86	81	53	69	7.5	NW	23	SSE	26	5.5	10	9	12	9	0	6	3	9	0	0	0	0	0	0	0	0			
AUG	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	1959	88	84	57	73	7.1	S	40	NNE	31+	6.5	6	10	15	11	0	7	3	2	0	0	0	0	0	0	0	0			
SEP	78.8	57.1	68.0	100	1953	37	1957+	47	3.80	9.53	1960	1.16	1951	5.62	1960	.0	.0	.0	.0	1959	87	86	56	74	7.4	S	23	SSE	26	5.5	10	9	12	9	0	6	4	1	0	0	0	0	0	0	0	0			
OCT	67.2	45.2	56.2	91	1951	26	1952	282	2.99	4.11	1959	.46	1952	2.94	1953	T	1960+	T	1960+	85	85	55	74	7.8	NW	29	WNW	24	5.9	9	9	13	9	0	0	0	0	0	0	0	0	0	0	0	0				
NOV	55.3	35.7	45.5	85	1950	14	1955	585	3.33	7.32	1951	1.15	1949	3.83	1956	1.5	11.9	1953	11.9	1953	82	82	57	72	8.6	NW	24	WNW	30	5.9	9	9	12	9	0	0	0	0	0	0	0	0	0	0	0	0			
DEC	43.9	26.2	35.1	71	1951	6	1951+	927	2.99	5.79	1951	.19	1955	1.99	1948	3.6	13.2	1960	11.1	1960	76	77	60	71	8.6	WNW	40	NE	11	4.9	12	10	9	6	3	2	0	0	9	29	0	0	0	0	0	0	0		
YR	64.6	43.8	54.2	102	JUL 1957+	-4	JAN 1957	4910	44.60	12.09	1955	.16	1955	6.24	1952	19.9	20.3	1958	15.6	1958	81	80	56	70	8.7	NW	42	WNW	FEB 19	6.2	95	106	164	122	5	31	44	21	14	103	*	0	0	0	0	0	0	0	0

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.
- ‡ 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 1895. 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.

AVERAGE TEMPERATURE

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
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	38.0	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	36.8	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	74.8	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	56.4	45.8	35.4	56.0
1922	29.1	38.2	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	31.8	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	50.1	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	40.2	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	28.7	53.2
1936	28.2	25.0	46.8	49.6	59.0	70.8	75.9	75.8	69.8	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	35.8	46.3	61.9	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	75.5	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	51.2	60.9	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	36.6	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	37.8	38.4	44.2	54.3	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	38.6	52.0
1959	30.9	33.0	41.1	54.3	65.6	72.0	75.4	76.0	70.4	59.5	44.7	38.0	55.1
1960	35.1	35.9	32.8	56.4	60.6	71.0	73.1	74.9	68.0	55.3	45.9	28.4	53.1
RECORD MEAN TEMP	32.9	33.2	41.9	52.3	62.9	71.3	76.0	74.1	67.9	56.8	45.5	35.1	54.2
MAX	40.6	41.4	51.3	62.8	73.6	81.7	85.8	83.6	77.6	66.5	54.1	42.7	63.5
MIN	25.2	25.0	32.5	41.8	52.1	60.9	66.2	64.8	58.1	47.0	36.9	27.4	44.8

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	43.65
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	3.65	3.37	1.26	1.49	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	2.84	50.92
1929	2.90	4.18	2.29	6.94	2.75	3.43	1.08	4.79	6.33	4.88	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	1.17	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	6.59	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	2.62	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	39.20
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	4.45	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</			

MONTHLY AND SEASONAL SNOWFALL

WILMINGTON, DELAWARE
NEW CASTLE COUNTY AIRPORT
1960

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	16.5	0.8	7.0	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	2.3	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	1.3	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	0.3	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	0	T	T	1.0	3.5	5.0	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	8.6	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	T	T	0.6	0.4	T	T	0	0	1.0
1950-51	0	0	0	0	0.8	0.7	2.6	0.7	T	0	0	0	4.8
1951-52	0	0	0	0	T	8.6	4.0	T	8.8	0	0	0	17.4
1952-53	0	0	0	0	2.0	2.8	5.2	1.0	5.5	T	0	0	16.5
1953-54	0	0	0	11.9	T	11.9	T	11.5	0.6	0.3	T	0	24.3
1954-55	0	0	0	0	T	0.9	3.8	8.5	2.0	0	0	0	15.2
1955-56	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	T	6.5	1.3	3.2	T	0	0	0	9.0
1957-58	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	3.3	0.4	1.9	1.1	0	0	7.3
1959-60	0	0	0	0	T	3.1	0.2	5.1	13.4	T	0	0	21.8
1960-61	0	0	0	T	T	13.2							

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). Data for the period January 1, 1948 through present, when both Cooperative Station and Airport offices were in operation, are for the Airport location.

STATION LOCATION

Location	Occupied from	Occupied to	Airline distance and direction from previous location	Latitude	Longitude	Elevation above								REMARKS
						Sea level		Ground						
						Ground	Actual barometer elevation (H ₁)	Wind instruments	Extreme thermometers	Psychrometer	Telepsychrometer	Tipping bucket rain gage	Weighting rain gage	
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 Air- port 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 Air- port, 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 Air- port, 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 Air- port, 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.