



LOCAL CLIMATOLOGICAL DATA

ANNUAL SUMMARY WITH COMPARATIVE DATA

WILMINGTON, DELAWARE

1973

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

NARRATIVE CLIMATOLOGICAL SUMMARY

Delaware is part of the Atlantic Coastal Plain consisting mainly of the flat low land with many marshes. Small streams and tidal estuaries comprise the drainage of the state. Wilmington, at the northern end of the state, marks the beginning of low rolling hills extending northward and northwestward into Pennsylvania. The Delaware River, the Delaware Bay, and the Atlantic Ocean are along the eastern boundary of the state. The broad Chesapeake Bay lies 35 miles, or less, to the west of the western boundary of nearly the entire state. These large water areas influence to a considerable extent the climate of the Wilmington, Delaware, region.

Summers are warm and humid and winters are usually mild. During the summer maximum temperatures are usually in the eighties. The maximum temperature reaches 100° on the average of one year in six. During the coldest part of the year, mid-January, the normal daily average temperature is 33°. On the average, zero temperatures may be expected one year in three. Most of the winter precipitation falls as rain. Seasonal snowfall has been as little as 1 inch, and there has been a season with nearly 50 inches snowfall. Snow is frequently mixed with rain and sleet. Snow seldom remains on the ground more than a few days.

The average date for the last occurrence in spring of temperature as low as 32° F. is mid-April. The average date for the first occurrence in fall of temperature as low as 32° F. is late October. The average freeze-free period is approximately

200 days.

The proximity of large water areas and the inflow of southerly winds cause the relative humidity to be quite high all year. During the summer months the average relative humidity is approximately 75 percent. Fog is relatively frequent and may occur in any month. Light southeast winds blowing up the Delaware Bay favor the formation of fog. Light north-northeast winds bring in smoke from Philadelphia and from the heavy industry area located along the Delaware River north of Wilmington.

Rainfall distribution throughout the year is fairly uniform; however, the greatest amounts normally come during the summer months. Mostly, the summer rainfall comes in the form of thunderstorms. Moisture deficiencies for crops occur occasionally, but severe droughts are rare. During the fall, winter, and spring seasons, much of the rainfall comes as a result of storms forming over the southern states, or the south Atlantic and then moving northward along the Atlantic Coast. During the late summer and early fall, hurricanes occasionally cause heavy rainfall, but winds seldom reach hurricane force in Wilmington. Heavy rains occasionally cause minor flash flooding, but the streams and rivers of northern Delaware are not subject to major flooding. Strong easterly and southeasterly winds sometimes cause high tides in the Delaware Bay and the Delaware River, resulting in the flooding of lowlands and damage to bay front and river front properties.

METEOROLOGICAL DATA FOR THE CURRENT YEAR

Station: WILMINGTON, DELAWARE GREATER WILMINGTON AIRPORT Standard time used: EASTERN Latitude: 39° 40' N Longitude: 75° 36' W Elevation (ground): 74 feet Year: 1973

Month	Temperature							Degree days (Base 65°)		Precipitation						Relative humidity				Wind &						Percent of possible sunshine	Average sky cover sunrise to sunset	Number of days										Average daily solar radiation - langley
	Averages			Extremes						Total	Greatest in 24 hrs.	Date	Snow, Ice pellets			Hour 01	Hour 07	Hour 13	Hour 19	Resultant		Average speed	Fastest mile					Precipitation .01 inch or more	Snow, Ice pellets 1.0 inch or more	Thunderstorms	Heavy fog	Temperatures						
	Daily maximum	Daily minimum	Monthly	Highest	Date	Lowest	Date	Total	Greatest in 24 hrs.				Date	Direction	Speed					Speed	Direction		Date	Clear	Partly cloudy							Cloudy						
																																	Maximum	Minimum	↑	32° and below	32° and below	
JAN	44.4	26.8	35.6	65	1	13	9	902	0	3.81	1.46	28-29	↑	↑	29	+	65	70	49	59	30	5.2	9.9	30	31	20	6.7	8	8	15	7	0	1	2	0	4	23	0
FEB	44.4	26.6	35.5	61	2	10	17	820	0	3.42	2.01	2-3	1.2	1.1	21-22	+	62	68	48	57	35	5.3	11.2	27	31	16+	6.6	8	7	15	9	0	0	3	0	4	18	0
MAR	58.2	40.5	49.4	74	17	29	1	877	0	4.02	1.98	25-26	↑	↑	21	+	72	76	58	65	04	2.9	10.8	32	27	18+	8.5	8	4	25	15	0	2	9	0	0	4	0
APR	63.6	45.5	54.7	86	23	31	13	322	19	4.57	1.75	25-26	↑	↑	11	+	71	69	50	58	27	2.7	10.5	28	17	10	6.7	8	4	18	12	0	2	1	0	0	2	0
MAY	70.3	52.5	61.4	82	30+	41	18	143	42	5.36	1.35	8-9	0.0	0.0	74		74	58	66	24	1.9	10.0	23	33	30+	7.2	4	5	18	14	0	3	1	0	0	0	0	
JUN	83.9	67.7	75.8	95	11	56	1	0	332	5.19	2.21	29	0.0	0.0			84	81	63	70	20	3.1	8.6	23	20	29+	6.6	4	11	13	14	0	8	3	6	0	0	0
JUL	86.7	69.5	78.1	94	14+	57	12	0	416	2.82	1.17	3	0.0	0.0			81	80	54	65	24	3.2	7.8	17	24	26+	5.5	11	11	9	6	0	3	2	7	0	0	0
AUG	86.1	70.0	78.1	100	26	56	23	0	413	2.44	1.70	1-2	0.0	0.0			86	88	59	70	26	0.9	7.5	26	01	31	5.7	8	12	11	6	0	3	2	7	0	0	0
SEP	80.3	60.4	70.4	93	3	50	19	15	183	3.02	2.08	14-15	0.0	0.0			80	82	52	67	32	1.5	8.2	28	34	2	5.8	9	10	11	9	0	3	3	4	0	0	0
OCT	70.5	49.3	59.9	83	4	38	18	179	29	2.22	1.37	28-29	0.0	0.0			78	84	50	67	31	1.8	8.2	29	07	29	4.6	13	10	8	6	0	1	2	0	0	0	0
NOV	58.3	39.8	49.1	78	15	24	11	469	0	0.67	0.20	27-28	0.0	0.0			71	72	49	63	28	5.6	9.5	42	30	1	6.0	8	9	13	11	0	1	2	0	5	0	
DEC	45.8	29.5	37.7	65	27	11	19	839	0	7.31	1.82	20-21	6.1	4.2	16-17		71	77	65	73	33	3.4	10.2	30	06	9	7.0	8	9	17	12	2	0	5	0	3	24	0
YEAR	66.1	48.2	57.2	100	AUG. 28	FEB. 10	17	4166	1434	47.05	2.21	JUN. 29	7.3	4.2	DEC. 16-17		75	77	55	65	30	2.1	9.4	42	30	NDV. 1	6.4	88	104	173	121	2	27	35	24	10	76	0

NORMALS, MEANS, AND EXTREMES

Month	Temperature							Normal heating degree days (Base 65°)	Precipitation										Relative humidity				Wind &				Pct. of possible sunshine	Mean sky cover sunrise to sunset	Mean number of days										Average daily solar radiation - langley			
	Normal			Extremes					Normal total	Maximum monthly	Year	Minimum monthly	Year	Maximum in 24 hrs.	Year	Snow, Ice pellets					Hour 01	Hour 07	Hour 13	Hour 19	Mean speed	Prevailing direction			Fastest mile			Partly cloudy	Cloudy	Precipitation 0.01 inch or more	Ice pellets 1.0 inch or more	Thunderstorms	Heavy fog	Temperatures				
	Daily maximum	Daily minimum	Monthly	Record highest	Year	Record lowest	Year									Mean total	Maximum monthly	Year	Maximum in 24 hrs.	Year									Speed	Direction	Year							Sunrise to sunset		Max.	Min.	
																																										° and above
(a)	(b)	(b)	(b)	26		26	(b)	(b)	26		26		26		26	26	26	26	26	25	16	25	25		26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26		
J	40.2	23.8	32.0	75	1950	-4	1023	2.85	5.55	1949	0.59	1955	1.61	1968	5.6	17.2	1966	11.2	1966	74	75	60	69	9.8	WNW	46	29	1957	6.6	7	8	16	11	2	*	4	0	7	26	*		
F	42.2	24.9	33.6	74	1954+	-4	879	2.75	6.29	1971	1.52	1968	2.29	1966	5.6	18.7	1967	9.9	1967	73	75	58	66	10.5	NW	46	29	1956	6.5	7	7	14	10	2	*	4	0	4	22	*		
M	51.1	32.0	41.6	86	1948	9	725	3.74	5.72	1953	0.81	1966	2.75	1958	3.9	20.3	1958	15.6	1958	72	74	53	63	11.2	WNW	43	29	1971+	6.4	8	8	15	11	1	1	3	0	1	16	0		
A	63.0	41.5	52.3	89	1960	22	1965	381	3.20	6.57	1973	1.12	1963	2.56	1961	0.1	1.1	1959	1.1	1959	74	74	51	61	10.4	WNW	45	29	1963+	6.5	7	8	15	11	*	2	3	0	0	3	0	
M	73.1	51.6	62.4	95	1962	32	1966	128	3.35	7.35	1948	0.22	1964	2.35	1968	0.0	0.0	0.0	0.0	79	76	53	64	9.0	S	45	27	1957	6.6	6	11	14	11	0	4	3	1	0	0	0		
J	81.6	61.1	71.4	99	1952	41	1972	0	3.24	7.49	1972	0.44	1954	4.35	1972	0.0	0.0	0.0	0.0	83	79	54	66	8.3	S	40	23	1960	6.0	8	10	12	9	0	6	2	4	0	0	0		
J	85.5	66.1	75.8	102	1966+	50	1952	0	4.31	7.51	1958	0.16	1955	6.24	1952	0.0	0.0	0.0	0.0	84	80	54	67	7.6	NW	48	27	1963	6.1	7	12	12	9	0	6	2	8	0	0	0		
A	83.9	64.3	74.1	101	1955+	46	1965	0	3.98	12.09	1955	0.25	1972	4.11	1971	0.0	0.0	0.0	0.0	85	84	56	71	7.4	S	46	35	1971	5.7	9	10	12	9	0	6	3	5	0	0	0		
S	78.2	57.6	67.9	100	1953	37	1963+	32	3.42	9.53	1960	0.82	1970	5.62	1960	0.0	0.0	0.0	0.0	85	85	55	72	7.8	S	40	07	1956	5.6	10	8	12	8	0	6	3	2	0	0	0		
D	67.8	46.5	57.2	91	1951	24	1969	254	2.60	6.41	1971	0.21	1963	3.88	1966	0.3	0.3	1962	0.3	1962	83	84	54	71	8.1	NW	58	20	1954	5.3	10	8	12	7	0	1	4	*	0	1	0	
N	55.2	36.2	45.7	85	1950	14	1953	379	3.49	7.84	1972	0.67	1973	3.63	1956	1.1	11.9	1953	11.9	1953	78	80	56	70	9.1	NW	46	16	1950	6.2	8	8	14	10	*	1	4	0	0	11	0	
D	43.0	26.3	34.7	72	1966	3	1962	939	3.32	7.90	1969	0.19	1955	2.22	1969	4.4	21.5	1966	12.4	1966	76	77	61	70	9.3	WNW	44	29	1962	6.5	8	7	16	10	1	*	4	0	4	22	0	
YR	63.7	44.3	54.0	102	JUL. 1966+	-4	1961+	4940	40.25	12.09	AUG. 1955	0.16	JUL. 1955	6.24	JUL. 1952	20.7	21.5	DEC. 1966	15.6	MAR. 1958	79	79	55	68	9.0	NW	58	20	OCT. 1954	6.2	97	104	164	116	6	31	40	19	16	102	*	

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 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.

- (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 normals (1941-1970).
* Less than one half.
+ Also on earlier dates, months, or years.
- Trace, an amount too small to measure.
Below zero

AVERAGE TEMPERATURE

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
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	45.0	34.1	60.9	70.4	75.9	76.5	68.0	57.6	47.8	35.8	34.9	54.9
1939	32.4	42.2	56.1	64.9	70.4	75.9	76.5	68.0	57.6	47.8	35.8	34.9	54.9
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	43.6	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	23.5	31.0	43.4	51.0	61.4	70.6	75.7	73.6	66.8	54.2	49.4	35.3	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	37.4	40.4	56.6	61.0	73.4	78.4	74.3	67.4	52.4	45.7	37.6	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	28.4	37.4	44.1	52.6	62.9	74.2	75.9	73.2	65.3	53.3	45.8	37.5	54.6
1958	30.8	27.3	39.0	53.4	60.7	67.4	74.5	73.0	65.4	54.8	48.6	32.6	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	31.1	35.9	32.8	56.4	60.6	71.0	73.1	74.9	68.0	55.3	45.9	28.4	53.1
1961	25.6	34.7	42.6	48.9	58.9	70.5	75.6	74.0	72.5	56.9	46.7	33.2	53.3
1962	31.2	31.3	41.2	52.2	64.2	71.5	72.6	72.9	63.7	56.7	42.5	30.3	52.5
1963	28.4	37.4	44.1	52.6	62.9	74.2	75.9	73.2	65.3	53.3	45.8	37.5	54.6
1964	33.2	31.4	43.1	45.6	64.3	72.1	75.8	71.7	67.2	58.4	48.6	32.6	53.8
1965	29.0	33.6	38.4	49.3	66.0	70.2	74.5	73.3	69.4	53.6	45.0	37.7	53.3
1966	29.3	31.9	42.9	47.9	60.3	72.5	77.2	74.8	65.3	53.6	46.6	34.8	53.1
1967	36.2	29.4	39.4	51.5	55.4	71.2	74.4	72.8	65.1	54.7	40.7	36.8	52.3
1968	28.0	30.5	44.6	54.1	59.6	71.4	76.7	77.1	69.7	59.0	47.0	34.2	54.3
1969	30.8	33.6	39.6	55.1	64.2	73.4	75.7	75.4	68.2	56.0	44.6	32.7	54.1
1970	24.5	33.5	38.9	51.9	64.8	71.7	76.6	76.7	72.1	60.4	48.5	35.9	54.6
1971	27.4	35.5	40.7	51.1	60.4	73.4	75.9	74.0	71.1	62.9	45.7	42.1	55.0
1972	36.1	32.6	41.3	50.0	62.5	68.6	76.9	75.5	69.6	53.5	45.2	41.6	54.4
1973	35.6	35.5	49.4	54.7	61.4	75.8	78.1	78.1	70.4	59.9	49.1	37.7	57.2
RECORD	32.5	33.1	41.9	52.2	62.6	71.4	76.0	74.1	68.0	56.8	45.6	35.2	54.1
MEAN	40.3	51.2	62.7	73.3	81.7	85.7	83.6	77.7	68.7	54.2	42.8	34.2	63.4
MAX	41.6	51.9	61.0	71.0	81.0	86.3	84.6	78.2	69.9	56.9	47.9	37.5	44.7
MIN	24.7	24.8	32.5	41.6	51.9	61.0	66.3	64.6	58.2	46.9	36.9	27.5	44.7

HEATING DEGREE DAYS

WILMINGTON, DELAWARE

Season	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Total
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	560	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
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	23	4942
1947-48	0	0	113	122	656	972	1230	982	681	419	156	11	5342
1948-49	0	0	55	338	568	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	621	377	67	18	4533
1953-54	0	0	53	215	589	810	1040	864	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	1051	890	734	323	103	22	5174
1959-60	0	0	4	236	605	831	920	840	994	279	144	2	4913
1960-61	0	0	18	297	565	1130	1215	843	687	486	203	6	5450
1961-62	0	0	36	250	553	976	1042	940	729	400	122	6	5054
1962-63	0	4	113	266	672	1072	1130	1040	641	370	180	10	5302
1963-64	0	3	104	199	502	1128	982	962	669	467	91	21	5128
1964-65	0	9	49	372	514	854	1108	873	816	467	63	27	5152
1965-66	0	12	40	349	593	839	1103	921	676	507	186	24	5250
1966-67	0	0	84	346	545	931	888	991	788	402	295	5	5275
1967-68	0	0	80	327	722	866	1139	994	626	319	61	6	5250
1968-69	0	0	7	205	532	949	1052	874	788	298	92	1	4790
1969-70	0	0	41	288	606	993	1250	876	803	389	95	1	5342
1970-71	0	0	25	175	487	895	1159	821	746	411	153	3	4875
1971-72	0	2	23	92	385	702	889	935	722	443	105	27	4936
1972-73	0	0	20	356	584	716	902	820	477	322	143	0	4342
1973-74	0	0	15	179	469	839							

TOTAL PRECIPITATION

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1934	2.83	2.83	3.60	4.00	4.16	4.78	4.52	5.33	6.98	1.64	6.38	2.45	47.50
1935	5.04	3.68	2.73	3.68	4.16	5.20	4.52	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	5.70	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	33.47
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	35.20
1942	2.89	1.12	2.60	2.41	1.12	2.39	5.25	1.15	4.58	1.87	3.98	0.08	33.40
1943	2.73	1.88	2.76	3.56	6.16	4.05	3.87	1.12	0.45	6.20	3.54	1.47	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

STATION LOCATION

WILMINGTON, DELAWARE

Location	Occupied from	Occupied to	Airline distance and direction from previous location	Latitude North	Longitude West	Elevation above								Remarks	
						Sea level	Ground								Sea level
							Ground at temperature site	Wind instruments	Extreme thermometers	Psychrometer	Telepsychrometer	Tipping bucket rain gage	Weighing rain gage		
<u>COOPERATIVE</u>															
Wilmington, Delaware 8th and King Streets	4- 1-94	7-12-16		39° 45'	75° 33'	86							35'		Ordinary thermometer exposed outside N window; Sept. '09 max. and min. in use, exposure of thermometers poor.
Porter Reservoir Wilmington, Delaware 1.9 miles NNE of P. O.	3- 1-12	Present		39° 46'	75° 33'	260		3'					3'		Home made shelter in use; C. R. shelter September 1936, good exposure over sod. Precipitation record began 7-12-12.
Wilmington, Delaware 10th and King Streets 1 block S of P. O.	7-12-16	10-31-58	1.9 mi. SSW	39° 45'	75° 33'	99							47'		Precipitation only most of time.
<u>AIRPORT</u>															
Bellanca Field New Castle, Delaware 6.1 miles SSW Wilmington Post Office	4-20-31	6- 7-34		39° 40'	75° 36'										
DuPont Airport Wilmington Delaware 3 miles WNW Wilmington Post Office	4-27-42	12- 8-42	6.8 mi. N	39° 46'	75° 36'										
New Castle County Airport Tower, Wilmington, Delaware, 5.6 miles SW of Post Office	5-19-47	11- 6-47	5.6 mi. SSW	39° 40'	75° 36'		75								Airway Observation by County Tower employees.
New Castle County Airport, Admn. Bldg.	11- 7-47	12- 5-47	125 yds. SW	39° 40'	75° 36'	73	75	5	5				3		Wind instruments of previous location used.
New Castle County Airport, Terminal Bldg.	12- 5-47	7-16-56	150 ft. NE	39° 40'	75° 36'	73	34	5	5				4		Exposure of instruments good.
New Terminal Building New Castle County AP *	7-16-56	Present	7/8 mi. SE	39° 40'	75° 36'	b74	20	s5	s5			5	4	a4	Exposure of instruments excellent * Name changed to Greater Wilmington Airport in May 1961. a - Commissioned 1,000 feet from thermometer site 4-11-67. b - 78 feet to 4-11-67. s - Standby after 4-11-67.

Requests for additional climatic information should be addressed to: Director, National Climatic Center, Federal Building, Asheville, N. C. 28801

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