



# MAY 2000

## LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

# WILMINGTON, DE

NEW CASTLE COUNTY APRT (ILG)  
 Lat: 39° 40' N Long: 75° 36' W Elev (Ground): 93 Feet  
 Time Zone: EASTERN WBAN: 13781 ISSN #: 0198-117X

DATE	TEMPERATURE °F							DEG DAYS BASE 65°		WEATHER	SNOW/ICE ON GND(IN)		PRECIPITATION (INCHES)		PRESSURE (INCHES OF HG)		WIND SPEED = MPH DIR = TENS OF DEGREES								DATE
	MAXIMUM	MINIMUM	AVERAGE	DEP FROM NORMAL	AVERAGE DEW PT	AVERAGE WET BULB	HEATING	COOLING	0700 LST		1300 LST	2400 LST	2400 LST	AVERAGE STATION	AVERAGE SEA LEVEL	RESULTANT SPEED	RES DIR	AVERAGE SPEED	MAXIMUM						
																			5-SEC	2-MIN	SPEED	DIR	SPEED	DIR	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		
01	68	38*	53	-4	31	45	12	0	RA				T	29.91	30.01	7.9	15	9.3	23	16	20	15	01		
02	68	52	60	2	47	54	5	0	RA BR				0.09	29.87	29.97	7.6	31	8.4	29	30	25	30	02		
03	71	42	57	-1	42	50	8	0					0.00	30.18	30.28	4.0	14	8.6	26	16	21	16	03		
04	69	50	60	2	52	56	5	0	RA				T	30.18	30.27	9.0	16	9.2	22	15	20	16	04		
05	86	57	72	13	60	64	0	7	TS RA				0.01	30.00	30.10	5.8	25	7.1	25	31	20	30	05		
06	87	64	76	17	62	68	0	11	HZ				0.00	29.95	30.05	6.3	28	6.9	21	27	16	27	06		
07	91*	65	78	19	63	68	0	13	BR HZ				0.00	29.86	29.96	6.6	24	7.6	21	22	16	22	07		
08	90	67	79	19	66	70	0	14	RA BR HZ				T	29.75	29.85	4.8	19	6.3	17	19	14	20	08		
09	88	69	79*	19	65	70	0	14	HZ				0.00	29.63	29.73	9.0	22	9.4	23	19	20	19	09		
10	80	57	69	8	63	65	0	4	RA BR HZ				0.18	29.59	29.68	4.7	11	9.9	28	36	24	03	10		
11	75	55	65	4									0.00	29.78				7.1	31	28	31	28	11		
12	82	64	73	12	61	65	0	8					0.00	29.67	29.76	3.5	15	6.9	21	06	18	06	12		
13	83	60	72	10	62	65	0	7	RA BR				0.78	29.65	29.75	2.5	09	8.0	52*	26	39*	25	13		
14	72	55	64	2	47	55	1	0					0.00	29.88	29.97	9.5	29	9.9	24	26	18	27	14		
15	66	47	57	-5	37	48	8	0					0.00	30.03	30.13	6.9	30	7.9	30	27	25	27	15		
16	69	43	56	-6	39	49	9	0	RA				T	30.05	30.15	3.0	21	6.6	22	27	17	16	16		
17	71	54	63	0	55	58	2	0	RA BR				0.26	30.05	30.15	6.3	13	7.6	20	16	16	17	17		
18	83	61	72	9	63	67	0	7	RA BR				T	29.90	30.00	10.8	19	12.7	30	19	25	20	18		
19	74	49	62	-2	58	60	3	0	RA FG BR				0.54	29.90	30.00	9.9	06	11.5	26	06	23	06	19		
20	54	49	52*	-12	50	51	13	0	RA BR				0.07	29.99	30.08	8.7	06	9.0	18	08	15	08	20		
21	60	52	56	-8	54	55	9	0	RA BR				0.08	29.94	30.04	3.6	08	4.7	14	06	11	06	21		
22	58	55	57	-8	54	55	8	0	RA BR				0.21	29.79	29.89	5.5	06	6.3	20	07	16	07	22		
23	67	55	61	-4	58	59	4	0	RA BR HZ				0.02	29.67	29.77	8.9	15	9.4	22	16	18	15	23		
24	81	55	68	3	59	63	0	3	RA FG+ BR				0.41	29.47	29.56	1.9	28	7.9	24	29	18	36	24		
25	74	57	66	1	53	59	0	1	FG+ BR				0.00	29.55	29.64	7.5	25	8.3	26	27	22	28	25		
26	76	51	64	-2	48	56	1	0					0.00	29.81	29.91	8.1	28	8.8	23	25	18	26	26		
27	64	54	59	-7	53	56	6	0	RA BR HZ				0.09	29.86	29.96	1.4	27	3.4	13	36	11	36	27		
28	66	51	59	-7	52	55	6	0	RA BR				0.20	29.75	29.85	2.7	03	5.9	15	04	13	05	28		
29	67	53	60	-7	48	53	5	0	RA				T	29.91	30.01	12.2	05	12.5	26	04	23	04	29		
30	64	51	58	-9	47	52	7	0					0.00	30.13	30.23	11.5	06	12.0	23	04	21	06	30		
31	68	51	60	-8	49	54	5	0	HZ				0.00	30.10	30.20	2.9	13	5.0	16	09	13	10	31		

73.3	54.3	63.8	■ ■	< MONTHLY AVERAGES	TOTALS-->	2.94	29.86	8.2	<-- MONTHLY AVERAGES
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0.4	2.1	1.3	■ ■	←----- DEPARTURE FROM NORMAL ----->				- .90	SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3			
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<b>DEGREE DAYS</b>				GREATEST 24-HR PRECIPITATION: 0.78 DATE: 13				SEA LEVEL PRESSURE DATE TIME			
MONTHLY TOTAL DEPARTURE				SEASON TO DATE TOTAL DEPARTURE				GREATEST 24-HR SNOWFALL: DATE:			
HEATING: 117 -5 4545 -392				GREATEST SNOW DEPTH: DATE:				MAXIMUM MINIMUM : 30.34 04 0651			
COOLING: 89 45 92 48				NUMBER OF DAYS WITH →				MINIMUM TEMP ≤ 32 : 0			
				MAXIMUM TEMP ≥ 90: 2				PRECIPITATION ≥ 0.01 INCH : 13			
				MAXIMUM TEMP ≤ 32 : 0				PRECIPITATION ≥ 0.10 INCH : 7			
				THUNDERSTORMS : 1				HEAVY FOG : 2			
								SNOWFALL ≥ 1.0 INCH :			

MAY 2000 WILMINGTON, DE

# HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

# WILMINGTON, DE

MAY 2000

ILG WBAN # 13781

DATE	FOR HOUR (LST) ENDING AT												DATE	FOR HOUR (LST) ENDING AT												DATE	Sum if Different (See Note)	2400 LST	
	1	2	3	4	5	6	7	8	9	10	11	12		13	14	15	16	17	18	19	20	21	22	23	24			Water	Equiv.
01													01												01			T	
02	T	T	0.01	0.01	0.04	0.02	0.01						02												02			0.09	
03													03												03			0.00	
04													04												04			T	
05	T												05					T	T			0.01			05			0.01	
06													06												06			0.00	
07													07												07			0.00	
08					T	T							08												08			T	
09													09												09			0.00	
10												T	10	T					0.18					10			0.18		
11													11												11			0.00	
12													12												12			0.00	
13													13												13			0.78	
14													14												14			0.00	
15													15												15			0.00	
16													16												16			T	
17	T	0.01	0.04	0.13	0.08	T							17												17			0.26	
18													18												18			T	
19													19	T	T	0.01	T								19			0.54	
20	0.02				T				0.41			T	20	0.03	T	T									20	0.53	0.08	0.07	
21													21	T											21			0.08	
22									0.02	0.01			22	0.03	T		0.01	T			0.02	T			22			0.21	
23													23												23			0.02	
24	0.01	0.28	0.03										24												24			0.41	
25													25												25			0.00	
26													26												26			0.00	
27													27	0.01	0.03	0.01	T	T	0.01	0.01					27			0.09	
28													28		T	T	0.03	0.06	0.07	0.01					28			0.20	
29													29												29			T	
30													30												30			0.00	
31													31												31			0.00	

## MAXIMUM SHORT DURATION PRECIPITATION (See Note)

Time Period (Minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation (Inches)												
Ending Date												
Ending Time (Hour/Min)												

Date and time are not entered for TRACE amounts.

Note : The sum of the hourly totals is given when it differs from the daily total. NWS does not edit ASOS hourly values but may edit daily and monthly totals. Hourly, daily, and monthly totals are printed as reported by the ASOS site.

# REFERENCE NOTES & SUPPLEMENTAL SUMMARIES

\* = Extreme for the month (last occurrence if more than one)

T = Trace precipitation amount

+ = also occurs on earlier date

FG+ = Heavy fog, visibility .25 miles or less  
BLANK entries denote missing or unreported data

Resultant wind is the vector sum of the wind speeds and directions divided by the number of observations.

Wind direction is recorded in tens of degrees (2 digits) clockwise from true north. '00' = calm, 'VR' = variable.

Precipitation is for the 24-hour period ending at the time indicated in the column heading.

Water Equivalent of snow on the ground is reported only when the depth is 2 or more inches.

NORMALS ARE FOR THE YEARS 1961 – 1990

## WEATHER NOTATIONS

QUALIFIER	WEATHER PHENOMENA		
	PRECIPITATION	OBSCURATION	OTHER
BC Patches	DZ Drizzle	BR Mist	DS Duststorm
BL Blowing	GR Hail	DU Widespread Dust	FC Funnel Cloud
DR Low Drifting	GS Small Hail and/or Snow Pellets	FG Fog	+FC Tornado Waterspout
FZ Freezing	IC Ice Crystals	FU Smoke	PO Well-Developed Dust/Sand Whirls
MI Shallow	PL Ice Pellets	HZ Haze	
PR Partial	RA Rain	PY Spray	SQ Squalls
SH Shower(s)	SG Snow Grains	SA Sand	SS Sandstorm
TS Thunderstorm	SN Snow	VA Volcanic Ash	GL Glaze
VC In the Vicinity	UP Unknown Precipitation		

Intensity (as indicated on pages 4 to 6):

'+' = Heavy ' ' = Moderate '- ' = Light

# WILMINGTON, DE MAY 2000

Ceilometer (30-second) data are used to derive cloudiness at or below 12,000 feet. This cloudiness is the mean cloud cover detected during sunrise to sunset (SR-SS), or midnight to midnight (MN-MN).

Satellite data are used to derive cloudiness above 12,000 feet. Effective Cloud Amount is based on the cloud cover and the transparency of the clouds within the satellite field of view (approx. 31x31 miles).

Sky Condition is based on the sum (not to exceed 8) of the sunrise to sunset cloud cover below and above 12,000 feet. Both ceilometer and satellite data must be present to compute Sky Condition. Clear = 0-2 oktas, Partly Cloudy = 3-6 oktas, Cloudy = 7-8 oktas.

A Heating (Cooling) Degree Day is the difference between the average daily temperature and 65 degrees F. The HDD season begins July 1, the CDD season begins January 1.

Dew Point is the temperature to which the air must be cooled to achieve 100% relative humidity. Wet Bulb is the temperature the air would have if cooled to saturation at constant pressure by evaporation of water into it.

Snow Depth, Snowfall, and Sunshine data may come from nearby sites that the National Weather Service deems Climatologically representative of this site.

## ADDITIONAL NOTES:

DATE	SUNSHINE		CLOUDINESS (OKTAS)				VISIBILITY (MILES)		RESERVED
	TOTAL MINUTES	PERCENT POSSIBLE	SR-SS		MN-MN		MINIMUM	MAXIMUM	
			CEILOMETER	SATELLITE	CEILOMETER	SATELLITE			
01							10.00	10.00	
02							2.50	10.00	
03							10.00	10.00	
04							10.00	10.00	
05							7.00	10.00	
06							5.00	10.00	
07							2.50	10.00	
08							4.00	10.00	
09							6.00	10.00	
10							.00	10.00	
11							10.00	10.00	
12							.00	10.00	
13							1.00	10.00	
14							10.00	10.00	
15							10.00	10.00	
16							10.00	10.00	
17							2.50	10.00	
18							4.00	10.00	
19							.50	10.00	
20							1.50	10.00	
21							1.75	10.00	
22							3.00	10.00	
23							1.75	9.00	
24							<.25	10.00	
25							<.25	10.00	
26							10.00	10.00	
27							2.50	10.00	
28							1.50	10.00	
29							10.00	10.00	
30							10.00	10.00	
31							6.00	10.00	
<b>MONTHLY AVGS</b>							5.65	9.97	
<b>SUNSHINE (MINUTES)</b>									
Total: Possible: Percent Possible:									
<b>NUMBER OF DAYS WITH:</b>									
<b>SKY CONDITION</b>									
CLR PTLY CLDY CLOUDY MISSING 31									
<b>MINIMUM VISIBILITY (MILES)</b>									
<=0.25 <=3.0 >=7.0 2 11 12									

# OBSERVATIONS AT 3-HOURLY INTERVALS

# WILMINGTON, DE

MAY 2000 ILG WBAN # 13781

HOUR (LST)	SATELLITE		WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES,HG)		HOUR (LST)	SATELLITE		WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES,HG)																							
	SKY COVER	CEILING 100'S OF FT		OBSERVATION TIME (LST)	EFF CLD AMT Oktas	VISIBILITY (MILES)		DRY BULB	DEW POINT	WET BULB	SPEED (MPH)		DIRECTION TENS OF DEG	STATION		SEA LEVEL	SKY COVER	CEILING 100'S OF FT		OBSERVATION TIME (LST)	EFF CLD AMT Oktas	VISIBILITY (MILES)	DRY BULB	DEW POINT	WET BULB	SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL																
SUNRISE: 0503 MAY 01 SUNSET: 1857																							SUNRISE: 0456 MAY 07 SUNSET: 1902																						
01	CLR	NC		10.00	46	32	40	58	3	29	30.07	30.16	01	CLR	NC		5.00	HZ	71	63	66	76	3	23	29.91	30.00																			
04	CLR	NC		10.00	42	31	38	65	0	00	30.05	30.15	04	CLR	NC		4.00	BR	66	63	64	90	6	28	29.90	29.99																			
07	CLR	NC		10.00	51	32	43	48	7	14	30.07	30.17	07	CLR	NC		4.00	HZ	72	64	67	76	5	28	29.93	30.03																			
10	CLR	NC		10.00	58	32	46	38	17	15	30.04	30.13	10	CLR	NC		10.00		85	63	71	48	10	27	29.93	30.03																			
13	CLR	NC		10.00	65	31	49	28	17	16	29.92	30.01	13	CLR	NC		10.00		89	59	70	36	12	23	29.87	29.96																			
16	CLR	NC		10.00	65	31	49	28	17	16	29.79	29.89	16	CLR	NC		10.00		89	60	70	38	15	23	29.80	29.90																			
19	CLR	NC		10.00	60	30	47	32	15	15	29.73	29.83	19	CLR	NC		7.00		83	63	70	51	8	22	29.79	29.88																			
22	OVC	090		10.00	59	30	46	33	0	00	29.75	29.85	22	CLR	NC		8.00		75	63	67	66	6	23	29.81	29.91																			
SUNRISE: 0502 MAY 02 SUNSET: 1858																							SUNRISE: 0455 MAY 08 SUNSET: 1903																						
01	OVC	100		10.00	58	54	56	87	0	00	29.69	29.79	01	CLR	NC		6.00	HZ	72	65	68	79	0	00	29.80	29.90																			
04	OVC	060		5.00	56	55	55	97	6	31	29.67	29.77	04	CLR	NC		5.00	BR	68	64	66	87	0	00	29.79	29.88																			
07	OVC	090		4.00	57	55	56	93	7	27	29.73	29.83	07	CLR	NC		5.00	HZ	72	65	68	79	5	25	29.81	29.91																			
10	FEW	NC		10.00	65	47	55	52	20	33	29.83	29.93	10	CLR	NC		6.00	HZ	80	69	73	69	5	VR	29.81	29.91																			
13	BKN	060		10.00	68	45	56	44	16	34	29.90	30.00	13	CLR	NC		7.00		87	68	74	53	10	14	29.76	29.85																			
16	FEW	NC		10.00	67	43	54	42	15	31	29.95	30.05	16	CLR	NC		10.00		89	62	71	41	10	22	29.71	29.80																			
19	CLR	NC		10.00	59	42	51	54	7	30	30.01	30.11	19	CLR	NC		8.00		79	67	71	67	6	15	29.69	29.78																			
22	CLR	NC		10.00	53	43	48	69	3	33	30.08	30.18	22	CLR	NC		9.00		78	64	69	62	9	19	29.69	29.78																			
SUNRISE: 0500 MAY 03 SUNSET: 1859																							SUNRISE: 0454 MAY 09 SUNSET: 1904																						
01	CLR	NC		10.00	48	42	45	80	5	32	30.11	30.21	01	CLR	NC		9.00		74	64	68	71	8	21	29.67	29.77																			
04	CLR	NC		10.00	46	36	42	68	9	36	30.14	30.24	04	CLR	NC		9.00		71	62	65	73	5	23	29.64	29.73																			
07	CLR	NC		10.00	54	38	46	55	6	03	30.19	30.29	07	CLR	NC		6.00	HZ	73	64	67	74	10	23	29.68	29.78																			
10	CLR	NC		10.00	62	39	51	43	7	15	30.23	30.33	10	CLR	NC		8.00		81	66	71	61	10	23	29.67	29.76																			
13	CLR	NC		10.00	68	34	52	28	3	VR	30.20	30.30	13	CLR	NC		10.00		86	66	73	51	14	24	29.62	29.72																			
16	CLR	NC		10.00	67	44	55	44	16	16	30.17	30.27	16	CLR	NC		8.00		87	67	73	51	17	20	29.59	29.68																			
19	CLR	NC		10.00	58	48	53	70	14	15	30.18	30.28	19	CLR	NC		10.00		82	66	71	58	8	20	29.59	29.68																			
22	CLR	NC		10.00	57	50	53	78	12	15	30.21	30.31	22	CLR	NC		9.00		76	65	69	69	6	19	29.61	29.70																			
SUNRISE: 0459 MAY 04 SUNSET: 1860																							SUNRISE: 0453 MAY 10 SUNSET: 1905																						
01	CLR	NC		10.00	53	46	50	77	6	19	30.23	30.33	01	CLR	NC		8.00		72	65	68	79	6	18	29.60	29.70																			
04	OVC	080		10.00	51	45	48	80	7	16	30.23	30.32	04	CLR	NC		6.00	BR	69	65	66	87	5	15	29.61	29.70																			
07	CLR	NC		10.00	55	47	51	74	12	17	30.24	30.34	07	FEW	NC		7.00		71	65	67	81	7	16	29.61	29.70																			
10	CLR	NC		10.00	63	52	57	68	9	15	30.23	30.32	10	CLR	NC		8.00		79	68	72	69	7	14	29.57	29.67																			
13	CLR	NC		10.00	69	55	61	61	15	17	30.18	30.27	13	BKN	034		5.00	HZ	72	63	66	73	18	04	29.53	29.63																			
16	CLR	NC		10.00	69	54	60	59	16	15	30.11	30.21	16	CLR	NC		6.00	HZ	67	58	62	73	18	05	29.49	29.58																			
19	CLR	NC		10.00	63	55	58	76	7	15	30.11	30.21	19												29.61																				
22	FEW	NC		10.00	61	55	58	81	3	15	30.12	30.22	22	OVC	030		10.00		58	56	57	93	9	01	29.67	29.77																			
SUNRISE: 0458 MAY 05 SUNSET: 1901																							SUNRISE: 0452 MAY 11 SUNSET: 1906																						
01	BKN	110		10.00	60	55	57	84	5	16	30.09	30.19	01	CLR	NC		10.00		57	53	55	86	15	28	29.71	29.81																			
04	CLR	NC		10.00	59	54	56	83	3	17	30.05	30.15	04	CLR	NC		10.00		56	54	55	93	31	28	29.73	29.83																			
07	CLR	NC		10.00	61	56	58	84	0	00	30.07	30.17	07												29.82																				
10	CLR	NC		10.00	74	62	67	67	7	24	30.05	30.15	10												29.83																				
13	CLR	NC		10.00	84	61	69	46	10	27	29.99	30.09	13												29.79																				
16	FEW	NC		9.00	84	62	70	48	10	24	29.93	30.03	16	CLR	NC		10.00		74	42	57	32	15	29	29.77	29.87																			
19	CLR	NC		8.00	78	64	69	62	6	20	29.92	30.02	19	CLR	NC		10.00		72	45	57	38	0	00	29.77																				
22	CLR	NC		9.00	72	63	66	73	7	22	29.97	30.06	22	FEW	NC		10.00		67	54	60	63			29.81																				
SUNRISE: 0457 MAY 06 SUNSET: 1901																							SUNRISE: 0451 MAY 12 SUNSET: 1907																						
01	CLR	NC		7.00	67	61	63	81	0	00	29.96	30.06	01	OVC	120		10.00		67	60	63	79	6	19	29.76																				
04	CLR	NC		8.00	66	60	62	81	6	27	29.96	30.06	04	OVC	120		10.00		64	60	62	87	6	18	29.72	29.81																			
07	CLR	NC		5.00	71	63	66	76	7	29	30.00	30.10	07												29.74																				
10	CLR	NC		7.00	82	64	70	55	13	29	30.00	30.10	10	CLR	NC		10.00		72	58	64	61	6	VR	29.70	29.79																			
13	CLR	NC		8.00	85	64	71	50	12	29	29.96	30.05	13	CLR	NC		10.00		78	62	68	58	7	16	29.63	29.72																			
16	FEW	NC		9.00	87	62	71	43	12	28	29.91	30.00	16	CLR	NC		8.00		82	65	71	56	7	17	29.60	29.70																			
19	CLR	NC		9.00	80	63	69	56	7	22	29.90	30.00	19	CLR	NC		10.00		77	67	70	71	6	15	29.63																				
22	FEW	NC		7.00	75	63	67	66	6	24	29.92	30.01	22	CLR	NC		10.00		69	58	62	68	14	05	29.65	29.75																			



# OBSERVATIONS AT 3-HOURLY INTERVALS

# WILMINGTON, DE

MAY 2000

ILG

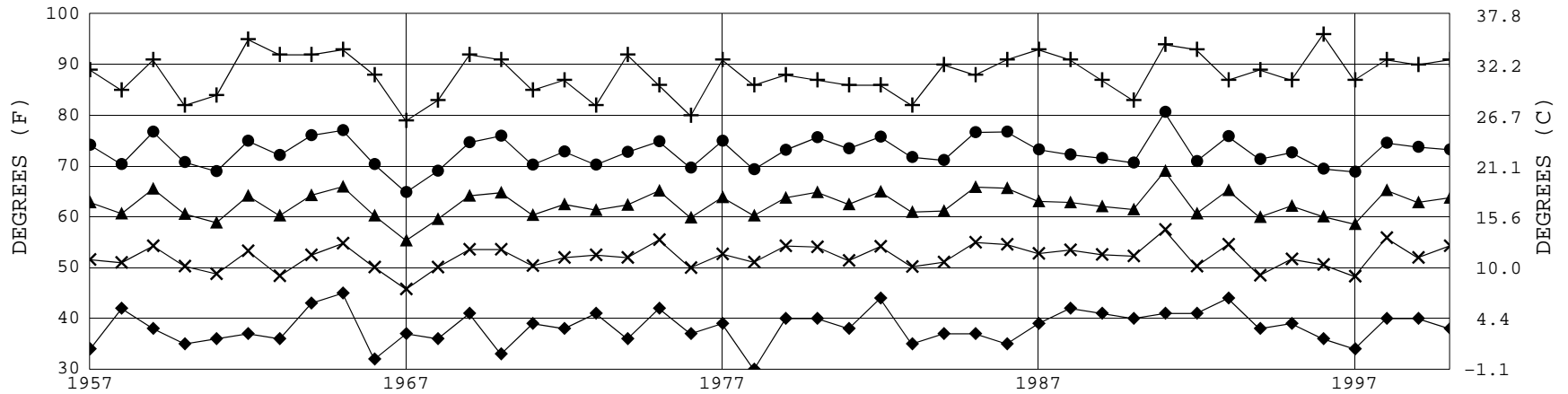
WBAN # 13781

HOUR (LST)	SATELLITE		WEATHER	TEMPERATURE °F			WIND		PRESSURE (INCHES, HG)		HOUR (LST)	SATELLITE		WEATHER	TEMPERATURE °F			WIND		PRESSURE (INCHES, HG)			
	SKY COVER	CEILING 100'S OF FT		DRY BULB	DEW POINT	WET BULB	SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL		SKY COVER	CEILING 100'S OF FT		DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL	
SUNRISE: 0440				MAY 25				SUNSET: 1918				SUNRISE: 0437				MAY 31				SUNSET: 1923			
01	BKN	110		61	59	60	93	3	06	29.46	29.56	01	OVC	015		51	47	49	86	7	10	30.15	30.25
04	SCT	NC		58	58	58	100	8	28	29.45	29.54	04	OVC	015		52	46	49	80	5	06	30.14	30.24
07	CLR	NC		66	63	64	90	8	24	29.48	29.57	07	OVC	017		53	46	50	77	7	10	30.16	30.25
10	CLR	NC		72	50	60	46	14	28	29.53	29.63	10	OVC	019		56	47	51	72	6	06	30.17	30.27
13	CLR	NC		72	44	57	37	15	25	29.55	29.65	13	CLR	NC		63	51	56	65	6	17	30.12	30.22
16	CLR	NC		73	52	61	48	10	23	29.57	29.67	16	CLR	NC		67	52	59	59	6	17	30.04	30.14
19	CLR	NC		69	50	58	51	7	22	29.60	29.70	19	CLR	NC		65	52	58	63	5	17	30.03	
22	FEW	NC		63	50	56	63	9	24	29.69	29.78	22	CLR	NC		61	52	56	72	5	18	30.01	30.11
SUNRISE: 0440				MAY 26				SUNSET: 1919				3-HOURLY OBSERVATION NOTES											
01	CLR	NC		58	48	53	70	3	30	29.71	29.81	Sky Cover is the amount of the sky obscured. CLR or SKC = 0, FEW = 1/8-2/8, SCT = 3/8-4/8, BKN = 5/8-7/8, OVC = 8/8, VV = Vertical Visibility = 8/8.											
04	CLR	NC		53	48	50	83	7	25	29.75	29.85	Ceiling is reported in hundreds of feet above ground level for clouds at or below 12,000 feet.											
07												NC= No ceiling detected.											
10	CLR	NC		70	49	58	47	16	27	29.83	29.92	& = Original observation contained additional weather elements.											
13	CLR	NC		73	49	59	43	14	27	29.80	29.89	See page 3 for additional notes.											
16	CLR	NC		76	49	61	39	13	28	29.80	29.90												
19																							
22	CLR	NC		63	48	55	58	5	26	29.87	29.97												
SUNRISE: 0439				MAY 27				SUNSET: 1920															
01	CLR	NC		56	50	53	81	7	33	29.90	29.99												
04	CLR	NC		56	48	52	75	3	33	29.90	30.00												
07	OVC	100		60	53	56	78	3	35	29.93	30.03												
10	SCT	NC		64	47	55	54	0	00	29.92	30.02												
13	BKN	035		61	53	57	75	5	25	29.91	30.01												
16	BKN	027		61	54	57	78	0	00	29.83	29.93												
19	BKN	090		59	56	57	90	5	26	29.79	29.89												
22	CLR	NC		57	55	56	93	5	26	29.78	29.88												
SUNRISE: 0439				MAY 28				SUNSET: 1921															
01	CLR	NC		52	52	52	100	7	30	29.77	29.86												
04	CLR	NC		52	51	52	97	5	33	29.73	29.82												
07	CLR	NC		59	53	56	81	8	36	29.77	29.87												
10	CLR	NC		63	49	55	60	6	05	29.77	29.86												
13	CLR	NC		65	51	57	61	5	08	29.73	29.83												
16	BKN	022		61	57	59	87	8	26	29.70	29.80												
19	OVC	055		56	55	55	97	3	24	29.74	29.84												
22	OVC	075		55	53	54	93	6	06	29.79	29.89												
SUNRISE: 0438				MAY 29				SUNSET: 1921															
01	OVC	090		56	53	54	90	6	05	29.79	29.88												
04	OVC	110		56	52	54	87	12	04	29.79	29.88												
07	SCT	NC		56	49	52	77	13	05	29.85	29.95												
10	BKN	036		61	47	54	60	17	04	29.91	30.01												
13	BKN	049		66	45	55	47	16	06	29.92	30.02												
16	BKN	060		66	45	55	47	16	07	29.94	30.04												
19	SCT	NC		62	45	53	54	9	06	29.98	30.08												
22	CLR	NC		55	47	51	74	9	07	30.05	30.15												
SUNRISE: 0438				MAY 30				SUNSET: 1922															
01	OVC	021		54	48	51	80	15	05	30.06	30.16												
04	OVC	025		54	45	49	72	15	05	30.06	30.16												
07	OVC	023		54	46	50	75	16	04	30.14	30.23												
10	OVC	031		57	47	52	69	15	05	30.17	30.27												
13	BKN	034		63	48	55	58	15	07	30.15	30.25												
16	OVC	038		63	48	55	58	14	05	30.12	30.22												
19	CLR	NC		59	48	53	67	8	09	30.14	30.24												
22	CLR	NC		52	48	50	86	5	07	30.17	30.27												

## SUMMARY BY HOUR

HOUR (LST)	AVERAGES											RESULTANT WIND (MPH)	
	CEILOMETER	EFF CLD AMT	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY	PRESSURE (INCHES, HG)		VISIBILITY (MILES)	WIND SPEED (MPH)	SPEED	DIRECTION	
							STATION	SEA LEVEL					
01			59	53	56	82	29.87	29.97	8.60	6	1	3	
02			58	53	55	84	29.86	29.96	8.24	6	1	3	
03			57	52	55	84	29.86	29.95	8.00	6	1	36	
04			57	52	54	86	29.86	29.96	7.74	7	1	33	
05			57	52	54	86	29.87	29.96	7.21	5	2	36	
06			57	53	55	86	29.88	29.98	7.00	6	1	4	
07			60	53	56	80	29.90	30.00	7.25	7	1	5	
08			63	53	57	73	29.90	30.00	7.97	8	2	8	
09			65	53	59	68	29.90	30.00	8.40	10	0	0	
10			67	53	59	64	29.90	30.00	8.60	9	2	29	
11			68	53	60	61	29.89	29.99	8.85	10	1	25	
12			70	53	60	59	29.88	29.98	8.80	10	1	16	
13			71	53	61	57	29.87	29.96	9.10	11	2	20	
14			71	53	61	56	29.85	29.95	9.20	10	2	22	
15			72	53	61	56	29.84	29.93	9.19	11	1	23	
16			71	53	61	57	29.83	29.93	9.06	12	3	20	
17			70	53	60	59	29.83	29.93	9.06	11	3	17	
18			68	53	60	62	29.83	29.93	8.80	10	4	18	
19			66	53	59	66	29.84	29.95	9.07	8	4	15	
20			65	53	58	68	29.85	29.96	8.93	8	2	15	
21			64	53	58	71	29.87	29.97	9.23	8	2	15	
22			62	53	57	75	29.87	29.97	9.06	7	2	13	
23			61	53	57	78	29.87	29.97	8.77	6	1	17	
24			60	53	56	79	29.87	29.97	8.69	7	1	8	

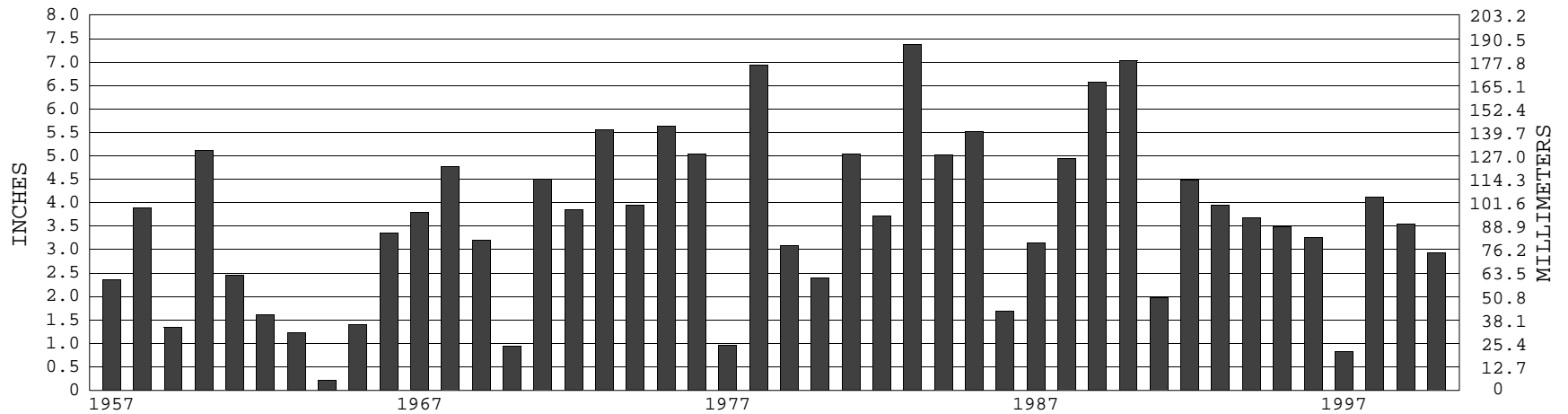
### WILMINGTON, DE MAY TEMPERATURES



+ Extreme Max.      ● Mean Max.      ▲ Mean      × Mean Min.      ◆ Extreme Min.

Long-Term (1957-2000) Mean: 62.5      1961-1990 Normal: 62.5

### WILMINGTON, DE MAY PRECIPITATION



Long-Term (1957-2000) Mean Monthly Total: 3.64

1961-1990 Normal: 3.84



**MAY 2000  
WILMINGTON, DE**

# **LOCAL CLIMATOLOGICAL DATA**

NOAA, National Climatic Data Center

*I certify that this is an official publication of the National Oceanic and Atmospheric Administration (NOAA). It is compiled using information from weather observing sites operated by NOAA – National Weather Service / Department Of Transportation – Federal Aviation Administration and received at the National Climatic Data Center (NCDC), Asheville, North Carolina 28801.*

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