



# AUGUST 1998

## 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): 74 Feet  
 Time Zone: EASTERN WBAN: 13781 ISSN #: 0198-117X

AUGUST 1998  
WILMINGTON, DE

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				
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	82	61	72	-5	52	60	0	7					0.00	30.19	30.27	4.7	04	8.0	23	01	17	06	01		
02	82	55	69	-8	45	57	0	4					0.00	30.18	30.27	1.8	14	6.0	20	15	16	15	02		
03	85	57	71	-6	30	52	0	6	HZ				0.00	30.10	30.18	1.6	19	4.9	20	15	17	15	03		
04	87	61	74	-2	45	58	0	9					0.00	30.10	30.18	1.9	16	4.5	20	15	17	15	04		
05	87	61	74	-2	59	65	0	9					0.00	30.11	30.20	3.3	12	5.9	17	15	16	16	05		
06	87	60	74	-2	59	65	0	9					0.00	30.11	30.19	3.3	13	6.8	18	16	16	16	06		
07	84	63	74	-2	66	69	0	9	BR				0.00	30.16	30.24	6.6	09	7.8	17	08	14	10	07		
08	87	70	79	3	67	70	0	14					0.00	30.22	30.31	6.4	09	8.6	17	07	14	16	08		
09	86	73	80	4	71	73	0	15	BR				0.00	30.13	30.21	8.1	13	10.1	22	15	18	16	09		
10	86	64	75	-1			0	10	TSRA RA BR				1.01	29.88	29.97	5.9	17	7.4	30	14	25	14	10		
11	80	65	73	-3			0	8	RA BR HZ				0.03	29.77		5.7	27	6.5	17	29	15	28	11		
12	84	67	76	0				11	HZ				0.00	29.95		7.7	33	8.3	21	36	17	32	12		
13	83	66	75	-1	66	69	0	10	RA BR				T	30.05	30.13	4.5	09	8.1	23	12	18	13	13		
14	80	69	75	0	65	68	0	10	RA				T	29.97	30.06	10.0	14	10.6	24	14	22	14	14		
15	84	69	77	2	65	69	0	12	RA				T	29.91	29.99	5.7	16	6.5	15	15	14	14	15		
16	81	70	76	1	71	73	0	11	BR HZ				0.00	29.97	30.05	1.4	14	2.9	9	14	8	15	16		
17	87	71	79	4	73	75	0	14	TSRA RA BR				0.06	29.91	29.99	2.9	20	8.4	18	27	16	24	17		
18	88	65	77	2	69	71	0	12	TSRA RA BR HZ SQ				1.94	29.85	29.93	4.6	29	8.0	45*	22	30*	24	18		
19	74	57	66	-9	52	57	0	1					0.00	30.05	30.14	9.3	34	10.0	23	01	17	32	19		
20	78	53*	66*	-9	53	59	0	1					0.00	30.17	30.25	1.8	27	5.7	20	25	13	26	20		
21	85	58	72	-2	61	66	0	7					0.00	30.09	30.18	4.9	22	5.4	16	24	14	21	21		
22	86	70	78	4	69	72	0	13	BR HZ				0.00	29.97	30.05	1.6	15	4.9	17	14	15	14	22		
23	89	71	80	6	72	75	0	15	BR HZ				0.00	29.84	29.93	2.8	20	5.0	14	26	11	26	23		
24	91	73	82	8	72	75	0	17	BR HZ				0.00	29.77	29.85	7.4	22	7.9	24	26	20	26	24		
25	91*	72	82	8	70	74	0	17	RA BR HZ				T	29.77	29.85	5.3	21	7.5	21	19	16	19	25		
26	90	75	83*	9	73	75	0	18					0.00	29.83	29.91	6.4	18	8.0	26	17	22	17	26		
27	85	72	79	6	70	73	0	14	RA BR				0.10	29.91	29.99	12.1	04	12.9	25	03	22	04	27		
28	87	70	79	6	67	71	0	14					0.00	29.82	29.90	12.9	03	13.7	30	04	25	04	28		
29	90	66	78	5	67	70	0	13	HZ				0.00	29.79	29.87	5.1	27	6.3	21	27	16	27	29		
30	89	66	78	5	66	70	0	13	BR HZ				0.00	29.85	29.93	4.3	25	5.8	16	27	13	27	30		
31	89	68	79	6	66	70	0	14	BR HZ				0.00	29.83	29.91	4.5	33	6.6	18	30	16	30	31		
< MONTHLY AVERAGES										TOTALS-->				<- MONTHLY AVERAGES											
1.2										-.2				0.5											
DEGREE DAYS										GREATEST 24-HR PRECIPITATION: 1.94 DATE: 18										SEA LEVEL PRESSURE DATE TIME					
MONTHLY TOTAL DEPARTURE										GREATEST 24-HR SNOWFALL: DATE:										: 30.35 08 1050					
SEASON TO DATE TOTAL DEPARTURE										GREATEST SNOW DEPTH: DATE:										MINIMUM : 29.78 25 0407					
HEATING: 0 0 0 0										NUMBER OF DAYS WITH =>				MAXIMUM TEMP ≥ 90: 4				MINIMUM TEMP ≤ 32: 0				PRECIPITATION ≥ 0.01 INCH: 5			
COOLING: 337 27 980 74														MAXIMUM TEMP ≤ 32: 0				MINIMUM TEMP ≤ 0: 0				PRECIPITATION ≥ 0.10 INCH: 3			
														THUNDERSTORMS: 3				HEAVY FOG: 0				SNOWFALL ≥ 1.0 INCH: :			

SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3

# HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

## WILMINGTON, DE

AUGUST 1998

ILG

WBAN # 13781

DATE	FOR HOUR (LST) ENDING AT												DATE	FOR HOUR (LST) ENDING AT												DATE	Sum if Different (See Note 2)	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		0.00		
02													02												02		0.00		
03													03												03		0.00		
04													04												04		0.00		
05													05												05		0.00		
06													06												06		0.00		
07													07												07		0.00		
08													08												08		0.00		
09													09												09		0.00		
10													10			0.06	0.20	0.03	0.14	0.26	0.15	0.04	0.06	0.02	0.05	10		1.01	
11	0.02	T						0.01					11												11		0.03		
12													12												12		0.00		
13													13												13		T		
14													14												14		T		
15	T				T								15												15		T		
16													16												16		0.00		
17					T								17												17		0.06		
18						0.01				T	T		18		0.65	0.97	0.22	0.05	0.01	T				18		1.94			
19													19				T		0.08		0.01				19		0.00		
20													20												20		0.00		
21													21												21		0.00		
22													22												22		0.00		
23													23												23		0.00		
24													24												24		0.00		
25													25												25		T		
26													26												26		0.00		
27			0.09	0.01									27												27		0.10		
28													28												28		0.00		
29													29												29		0.00		
30													30												30		0.00		
31													31												31		0.00		

### MAXIMUM SHORT DURATION PRECIPITATION (See Note 1)

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 1: NCDC derives these data from one-minute ASOS values. The table is not printed when inconsistent with ASOS hourly totals.

Note 2: 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	PE 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 AUGUST 1998

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 at constant pressure by evaporation of moisture into it, to 100% relative humidity.

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							10.00	10.00	
03							5.00	10.00	
04							10.00	10.00	
05							7.00	10.00	
06							10.00	10.00	
07							6.00	10.00	
08							8.00	10.00	
09							5.00	10.00	
10							2.00	10.00	
11							3.00	10.00	
12							5.00	10.00	
13							7.00	10.00	
14							10.00	10.00	
15							10.00	10.00	
16							4.00	10.00	
17							2.00	10.00	
18							.25	10.00	
19							10.00	10.00	
20							10.00	10.00	
21							10.00	10.00	
22							5.00	9.00	
23							.50	7.00	
24							2.50	5.00	
25							3.00	10.00	
26							10.00	10.00	
27							3.00	10.00	
28							8.00	10.00	
29							4.00	10.00	
30							1.25	10.00	
31							2.00	10.00	
MONTHLY AVGS							5.92	9.71	
<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					
1		10		14					



**OBSERVATIONS AT 3-HOURLY INTERVALS**

**WILMINGTON, DE**

AUGUST 1998

ILG

WBAN # 13781

HOUR (LST)	SATELLITE		WEATHER	TEMPERATURE °F				WIND		PRESSURE (INCHES, HG)		HOUR (LST)	SATELLITE		WEATHER	TEMPERATURE °F				WIND		PRESSURE (INCHES, HG)													
				OBSERVATION TIME (LST)	EFF CLD AMT Oktas	VISIBILITY (MILES)	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)					DIRECTION TENS OF DEG	STATION	SEA LEVEL	OBSERVATION TIME (LST)	EFF CLD AMT Oktas	VISIBILITY (MILES)	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL						
	SKY COVER	CEILING 100'S OF FT											SKY COVER	CEILING 100'S OF FT																					
SUNRISE: 0513												AUG 13												SUNSET: 1902											
01	CLR	NC			69	60	64	73	7	35	30.03	30.11	01	FEW	NC			64	57	60	78	10	32	29.92	30.01										
04	OVC	005			70	64	66	82	0	00	30.03	30.12	04	OVC	030			58	50	54	75	13	32	29.97	30.06										
07	OVC	023			72	67	69	84	10	06	30.08	30.16	07	OVC	047			59	50	54	72	13	33	30.04	30.13										
10													10	FEW	NC			67	52	59	59	15	36	30.06	30.15										
13	CLR	NC			82	64	70	55	6	VR	30.04	30.12	13	BKN	044			70	49	58	47	10	34	30.06	30.15										
16					80	69	73	69	14	15	30.02	30.11	16	CLR	NC			72	50	60	46	10	02	30.06	30.15										
19	SCT	NC			75	66	69	74	13	12	30.02	30.10	19	CLR	NC			66	52	58	61	6	30	30.09	30.18										
22	OVC	022			72	66	68	82	7	16	30.05	30.13	22	CLR	NC			60	54	57	80	6	30	30.12	30.21										
SUNRISE: 0513												AUG 14												SUNSET: 1860											
01	CLR	NC			70	65	67	84	5	14	30.03	30.11	01	CLR	NC			56	52	54	87	6	32	30.14	30.22										
04	OVC	080			70	67	68	90	3	18	30.02	30.11	04	CLR	NC			54	51	52	90	6	33	30.16	30.25										
07	BKN	070			71	67	68	87	6	11	30.02	30.11	07	CLR	NC			60	53	56	78	6	33	30.20	30.29										
10	OVC	044			77	65	69	66	14	15	29.99	30.08	10	CLR	NC			72	49	59	44	0	00	30.21	30.29										
13	SCT	NC			79	65	70	62	20	15	29.97	30.06	13	CLR	NC			76	52	62	43	5	31	30.18	30.26										
16	FEW	NC			78	63	68	60	16	14	29.93	30.01	16	CLR	NC			76	54	63	47	8	13	30.13	30.22										
19	CLR	NC			73	63	67	71	14	13	29.92	30.01	19	CLR	NC			72	56	63	57	6	24	30.14	30.23										
22	CLR	NC			72	65	68	79	8	14	29.93	30.02	22	CLR	NC			65	59	61	81	7	24	30.17	30.25										
SUNRISE: 0514												AUG 15												SUNSET: 1858											
01	CLR	NC			71	63	66	76	6	19	29.91	30.00	01	CLR	NC			63	56	59	78	5	23	30.15	30.23										
04	CLR	NC			70	64	66	82	6	20	29.88	29.97	04	CLR	NC			59	55	57	87	0	00	30.15	30.24										
07	OVC	095			71	63	66	76	0	00	29.91	30.00	07	CLR	NC			62	59	60	90	5	19	30.15	30.24										
10	SCT	NC			77	67	70	71	5	15	29.93	30.02	10	CLR	NC			76	62	67	62	7	VR	30.14	30.22										
13	CLR	NC			82	60	68	47	12	17	29.91	29.99	13	CLR	NC			82	62	69	51	8	22	30.09	30.18										
16	CLR	NC			83	61	69	48	12	14	29.88	29.96	16	CLR	NC			84	64	71	51	12	21	30.03	30.12										
19	CLR	NC			77	69	72	77	10	15	29.89	29.98	19	CLR	NC			78	63	68	60	6	23	30.01	30.10										
22	CLR	NC			73	69	70	87	7	13	29.91	30.00	22	OVC	100			74	65	68	74	5	23	30.04	30.13										
SUNRISE: 0515												AUG 16												SUNSET: 1857											
01	BKN	010			73	69	70	87	0	00	29.92	30.01	01	BKN	060			9.00	73	67	69	81	5	22	30.01	30.09									
04	BKN	006			71	70	70	96	0	00	29.92	30.00	04	OVC	085			8.00	72	67	69	84	0	00	30.00	30.08									
07	OVC	004			73	71	72	94	3	35	29.97	30.05	07	SCT	NC			5.00	73	66	69	79	6	34	30.00	30.09									
10	BKN	008			79	72	74	79	6	VR	30.00	30.08	10	FEW	NC			6.00	79	68	72	69	5	01	29.99	30.08									
13	CLR	NC			80	70	73	71	3	16	29.99	30.08	13	CLR	NC			8.00	85	70	75	61	6	VR	29.96	30.05									
16	CLR	NC			81	68	72	65	3	VR	29.96	30.04	16	CLR	NC			7.00	86	69	74	57	7	13	29.92	30.01									
19	CLR	NC			80	70	73	71	0	00	29.97	30.06	19	CLR	NC			6.00	82	69	73	65	5	17	29.91	30.00									
22	BKN	012			77	73	74	88	0	00	29.99	30.07	22	CLR	NC			5.00	75	72	73	90	6	11	29.94	30.03									
SUNRISE: 0516												AUG 17												SUNSET: 1856											
01	SCT	NC			76	74	75	94	5	12	29.98	30.07	01	CLR	NC			4.00	73	72	72	96	7	12	29.93	30.01									
04	OVC	100			75	74	74	96	6	07	29.96	30.04	04	CLR	NC			2.00	71	70	70	96	3	02	29.89	29.98									
07	OVC	004			75	74	74	96	6	08	29.95	30.04	07	OVC	002			1.00	73	72	72	96	0	00	29.88	29.97									
10	OVC	010			78	74	75	87	12	13	29.95	30.03	10	FEW	NC			2.00	80	72	75	76	0	00	29.88	29.96									
13	OVC	021			83	74	77	74	10	20	29.88	29.97	13	CLR	NC			5.00	87	73	77	63	7	25	29.84	29.92									
16	BKN	100			84	71	75	65	13	24	29.84	29.92	16	CLR	NC			7.00	88	70	76	55	9	25	29.79	29.88									
19	SCT	NC			76	74	75	94	6	22	29.86	29.95	19	CLR	NC			5.00	84	73	76	70	6	19	29.78	29.86									
22	CLR	NC			73	71	72	94	8	29	29.87	29.96	22	CLR	NC			4.00	79	74	75	85	5	19	29.79	29.88									
SUNRISE: 0517												AUG 18												SUNSET: 1854											
01	CLR	NC			70	69	69	97	7	27	29.87	29.95	01	CLR	NC			5.00	76	72	73	88	8	21	29.78	29.87									
04	CLR	NC			69	68	68	96	7	30	29.86	29.94	04	CLR	NC			4.00	74	72	73	94	6	22	29.76	29.85									
07	CLR	NC			72	69	70	91	3	31	29.89	29.97	07	CLR	NC			2.50	75	72	73	90	6	23	29.79	29.88									
10	CLR	NC			81	72	75	74	7	25	29.86	29.94	10	CLR	NC			4.00	85	72	76	65	9	22	29.78	29.86									
13	BKN	048			85	71	75	63	5	VR	29.82	29.91	13	CLR	NC			4.00	89	71	77	55	9	24	29.79	29.87									
16	BKN	044			73	72	72	96	9	22	29.79	29.88	16	CLR	NC			5.00	88	71	76	57	9	19	29.71	29.79									
19	SCT	NC			74	72	73	94	8	23	29.80	29.89	19	CLR	NC			4.00	84	72	76	67	7	21	29.73	29.82									
22	SCT	NC			71	66	68	84	14	35	29.88	29.97	22	CLR	NC			5.00	80	72	75	76	6	22	29.73	29.82									

# OBSERVATIONS AT 3-HOURLY INTERVALS

# WILMINGTON, DE

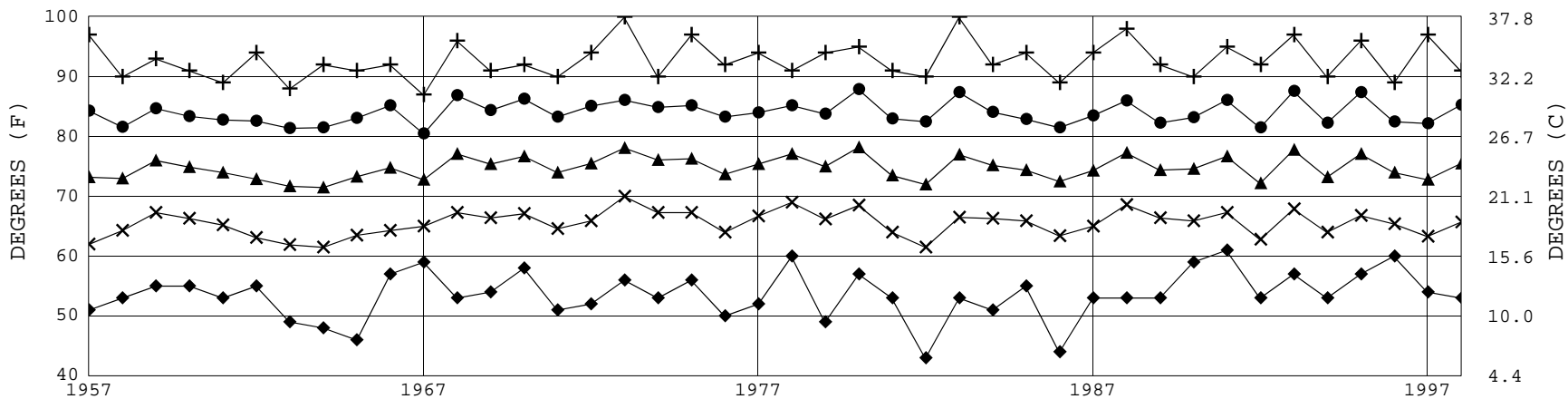
AUGUST 1998

ILG

WBAN # 13781

HOUR (LST)	SKY COVER		CEILING 100'S OF FT	SATELLITE		WEATHER	TEMPERATURE ° F				WIND		PRESSURE (INCHES, HG)		HOUR (LST)	SKY COVER		CEILING 100'S OF FT	SATELLITE		WEATHER	TEMPERATURE ° F				WIND		PRESSURE (INCHES, HG)													
	SKY COVER	CEILING		OBSERVATION TIME (LST)	EFF CLD AMT Okltas		VISIBILITY (MILES)	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION TENS OF DEG	STATION		SEA LEVEL	SKY COVER		CEILING	OBSERVATION TIME (LST)		EFF CLD AMT Okltas	VISIBILITY (MILES)	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL										
SUNRISE: 0524							AUG 25							SUNSET: 1844							SUNRISE: 0529							AUG 31							SUNSET: 1835						
01	CLR	NC			4.00	BR	77	73	74	88	6	17	29.74	29.82	01	BKN	120			5.00	HZ	76	69	71	79	3	20	29.83	29.92												
04	CLR	NC			4.00	BR	72	70	71	94	3	30	29.70	29.78	04	CLR	NC			5.00	BR	72	68	69	87	6	18	29.82	29.90												
07	CLR	NC			3.00	HZ	77	72	74	85	5	19	29.76	29.85	07	CLR	NC			2.00	BR	73	70	71	90	0	00	29.84	29.93												
10	CLR	NC			8.00		86	67	73	53	9	21	29.81	29.90	10	CLR	NC			7.00		84	67	73	57	8	31	29.85	29.93												
13	CLR	NC			7.00		89	70	76	53	10	28	29.81	29.89	13	FEW	NC			9.00		88	67	74	50	12	32	29.81	29.90												
16	CLR	NC			10.00		88	66	73	48	0	00	29.77	29.85	16	BKN	070			9.00		84	64	71	51	12	34	29.79	29.88												
19	SCT	NC			6.00	HZ	83	73	76	72	8	18	29.76	29.84	19	CLR	NC			10.00		77	63	68	62	8	36	29.82	29.91												
22	BKN	110			9.00		83	69	74	63	14	18	29.79	29.87	22	CLR	NC			10.00		70	62	65	76	5	32	29.84	29.93												
SUNRISE: 0525							AUG 26							SUNSET: 1843							3-HOURLY OBSERVATION NOTES																				
01	CLR	NC			10.00		80	71	74	74	14	19	29.78	29.87	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			10.00		77	72	74	85	9	18	29.80	29.89	Ceiling is reported in hundreds of feet above ground level for clouds at or below 12,000 feet.																										
07	CLR	NC			10.00		77	71	73	82	5	19	29.84	29.93	NC= No ceiling detected.																										
10	SCT	NC			10.00		84	72	76	67	10	20	29.86	29.94	& = Original observation contained additional weather elements.																										
13	BKN	075			10.00		89	71	77	55	7	25	29.80	29.89	See page 3 for additional notes.																										
16	CLR	NC			10.00		80	72	75	76	16	17	29.83	29.91																											
19	CLR	NC			10.00		80	72	75	76	0	00	29.82	29.90																											
22	BKN	030			10.00		78	75	76	90	3	07	29.87	29.95																											
SUNRISE: 0526							AUG 27							SUNSET: 1841																											
01	BKN	043			10.00		78	76	77	93	5	10	29.85	29.94																											
04	SCT	NC			4.00	BR	72	70	71	94	8	35	29.87	29.95																											
07	CLR	NC			4.00	BR	73	70	71	90	13	01	29.90	29.98																											
10	BKN	039			9.00		81	68	72	65	17	04	29.93	30.01																											
13	SCT	NC			10.00		81	66	71	61	16	04	29.94	30.02																											
16	BKN	075			9.00		82	68	73	63	14	05	29.89	29.98																											
19	OVC	110			8.00		80	72	75	76	12	06	29.90	29.99																											
22	SCT	NC			9.00		77	70	72	79	13	07	29.92	30.01																											
SUNRISE: 0527							AUG 28							SUNSET: 1840																											
01	OVC	043			9.00		76	68	71	77	12	05	29.90	29.98																											
04	OVC	049			10.00		75	67	70	76	14	04	29.86	29.95																											
07	CLR	NC			8.00		76	68	71	77	18	04	29.85	29.94																											
10	FEW	NC			10.00		82	69	73	65	21	04	29.84	29.92																											
13	BKN	037			10.00		85	70	75	61	14	04	29.79	29.88																											
16	SCT	NC			10.00		87	68	74	53	13	02	29.77	29.85																											
19	FEW	NC			10.00		80	64	70	58	7	02	29.78	29.86																											
22	CLR	NC			10.00		74	65	68	74	6	35	29.79	29.87																											
SUNRISE: 0528							AUG 29							SUNSET: 1838																											
01	CLR	NC			10.00		69	64	66	84	6	29	29.78	29.86																											
04	CLR	NC			9.00		68	63	65	84	3	28	29.78	29.86																											
07	FEW	NC			9.00		71	64	67	79	0	00	29.80	29.88																											
10	CLR	NC			10.00		82	70	74	67	6	VR	29.79	29.87																											
13	BKN	100			9.00		87	70	75	57	9	24	29.76	29.84																											
16	FEW	NC			6.00	HZ	87	70	75	57	12	29	29.75	29.83																											
19	CLR	NC			5.00	HZ	79	68	72	69	6	28	29.79	29.87																											
22	CLR	NC			5.00	HZ	74	68	70	82	6	29	29.82	29.91																											
SUNRISE: 0528							AUG 30							SUNSET: 1837																											
01	CLR	NC			4.00	HZ	72	67	69	84	3	31	29.81	29.89																											
04	CLR	NC			3.00	BR	69	66	67	90	3	22	29.83	29.91																											
07	CLR	NC			1.75	BR	71	68	69	90	6	29	29.88	29.96																											
10	CLR	NC			9.00		82	64	70	55	7	28	29.89	29.98																											
13	CLR	NC			9.00		87	65	72	48	6	VR	29.85	29.93																											
16	CLR	NC			10.00		88	62	71	42	10	27	29.81	29.90																											
19	CLR	NC			10.00		82	65	71	56	6	19	29.82	29.90																											
22	CLR	NC			4.00	HZ	76	70	72	82	6	19	29.85	29.93																											

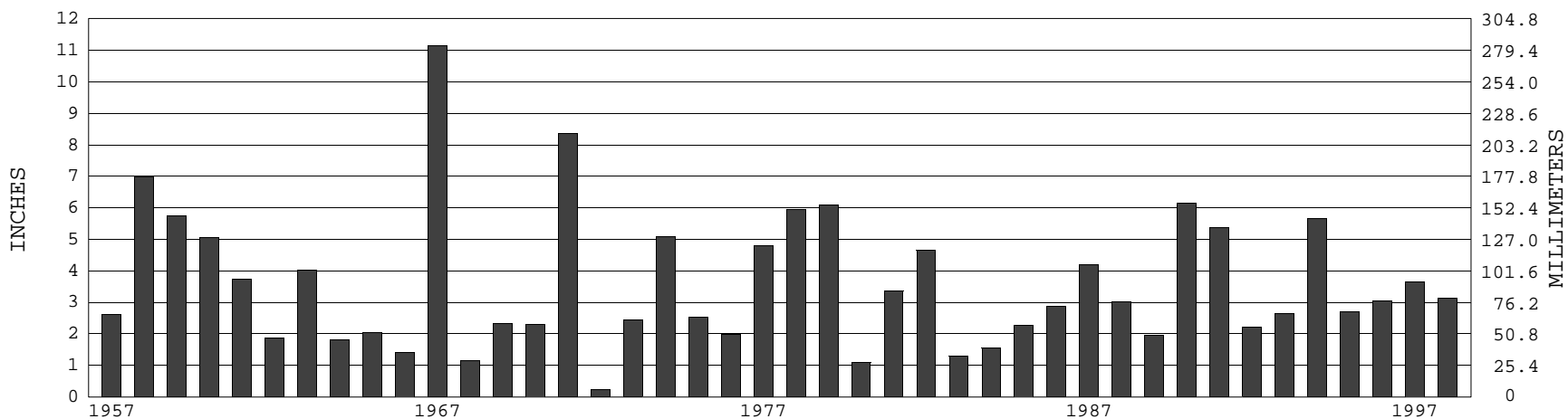
### WILMINGTON, DE AUGUST TEMPERATURES



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

Long-Term (1957-1998) Mean: 74.8    1961-1990 Normal: 75.0

### WILMINGTON, DE AUGUST PRECIPITATION



Long-Term (1957-1998) Mean Monthly Total: 3.59

1961-1990 Normal: 3.40



**AUGUST 1998  
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.*

DIRECTOR

**NOTICE**

Effective July 1, 1996, the National Weather Service & Federal Aviation Administration began using the METAR format for Hourly Observations.

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