



JANUARY 2001

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	36	19	28	-4	20	25	37	0		0		0.0	0.00	30.09	30.19	7.2	28	8.3	22	30	17	30	01											
02	29	18	24	-8	14	21	41	0		0		0.0	0.00	30.22	30.32	11.2	30	11.4	29	31	24	31	02											
03	32	16	24	-8	16	21	41	0		0		0.0	0.00	30.15	30.25	6.7	26	8.0	21	27	17	29	03											
04	36	19	28	-3	22	26	37	0	SN	0		0.0	T	29.93	30.03	6.7	27	7.1	25	28	22	28	04											
05	32	19	26	-5			39	0	SN BR HZ	0	0.1	1.8	0.20	29.64	29.74	4.3	19	5.4	23	15	20	15	05											
06	39	25	32	1			33	0	BR	2	0.3	0.0	0.00	29.62		8.8	28	9.5	32	30	26	29	06											
07	44	21	33	2	25	30	32	0		1	0.2	0.0	0.00	29.77	29.87	2.2	20	3.4	13	21	9	22	07											
08	39	29	34	3	32	34	31	0	RA BR	0		0.0	0.20	29.70	29.80	5.0	35	7.1	14	31	11	31	08											
09	35	24	30	-1	17	25	35	0	BR	0		0.0	0.00	29.78	29.88	13.4	29	14.4	31	29	26	29	09											
10	37	24	31	0	16	26	34	0		0		0.0	0.00	29.96	30.06	9.1	26	10.4	29	28	24	28	10											
11	50	28	39	8	21	32	26	0		0		0.0	0.00	29.96	30.06	7.6	25	8.1	24	26	20	27	11											
12	43	24	34	3	23	29	31	0	HZ	0		0.0	0.00	30.11	30.21	4.0	02	4.8	15	02	13	04	12											
13	41	20	31	1	23	28	34	0	BR HZ	0		0.0	0.00	30.24	30.35	1.3	17	4.2	10	15	9	15	13											
14	40	22	31	1	29	31	34	0	RA BR HZ	0		0.0	T	30.16	30.27	0.8	10	1.5	9	16	9	15	14											
15	40	36	38	8	38	38	27	0	RA DZ FG+ BR UP	0		0.0	0.14	29.97	30.07	4.0	04	5.3	15	03	13	03	15											
16	46	32	39	9	32	35	26	0	FG+ BR	0		0.0	0.00	29.96	30.06	9.1	27	9.8	37	28	32	29	16											
17	42	29	36	6	27	32	29	0		0		0.0	0.00	30.12	30.22	7.8	28	8.3	20	28	15	28	17											
18	35	28	32	2	31	32	33	0	RA FZRA SN BR UP	0		T	0.04	30.10	30.20	2.0	06	3.5	13	05	11	05	18											
19	40	34	37	7	38	38	28	0	RA BR	0		0.0	1.06	29.80	29.90	5.5	01	6.5	15	01	13	02	19											
20	38	30	34	4	34	34	31	0	RA SN FZFG BR UP	0		0.3	0.50	29.79	29.89	12.5	02	13.0	29	04	24	04	20											
21	30	20	25	-5	17	23	40	0	SN BR HZ	3		2.7	0.40	30.04	30.14			17.5	33	28	33	32	21											
22	31	14	23*	-7	14	20	42	0	BR	3		0.0	0.00	30.40	30.50	5.5	30	5.4	14	29	14	29	22											
23	35	12*	24	-6	18	22	41	0	BR HZ	2		0.0	0.00	30.16	30.26	3.0	29	3.4	9	30	9	29	23											
24	40	24	32	2	24	29	33	0	BR HZ	1		0.0	0.00	29.91	30.01	4.6	28	5.6	16	31	14	31	24											
25	38	26	32	2	19	27	33	0	BR	1		0.0	0.00	30.00	30.11	11.9	32	12.1	29	32	23	30	25											
26	33	20	27	-3	15	24	38	0		0		0.0	0.00	30.11	30.21	3.1	28	7.3	18	31	15	31	26											
27	42	28	35	5	25	31	30	0	RA SN BR	0		T	T	29.83	29.93	10.5	27	11.8	40	29	32	29	27											
28	38	25	32	1	16	27	33	0		0		0.0	0.00	30.17	30.27	8.5	28	9.1	23	29	18	28	28											
29	38	21	30	-1	20	27	35	0		0		0.0	0.00	30.18	30.29	1.6	20	5.0	14	21	13	15	29											
30	57*	33	45*	14	39	40	20	0	RA FG+ BR	0		0.0	0.59	29.60	29.70	1.9	17	7.0	38	24	30	24	30											
31	50	30	40	9	32	36	25	0	FG+ FZFG BR	0		0.0	0.00	29.60	29.70	7.5	27	8.1	41*	28	33*	28	31											
38.9										24.2	31.6	■ ■			33.2	0.0	< MONTHLY AVERAGES		TOTALS->				4.8	3.13	29.97			7.8	<- MONTHLY AVERAGES					
0.2										1.8	1.0	■ ■	<-----DEPARTURE FROM NORMAL----->										0.10		SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3									
DEGREE DAYS									GREATEST 24-HR PRECIPITATION: 1.17				DATE :19-20				SEA LEVEL PRESSURE				DATE TIME													
MONTHLY									GREATEST 24-HR SNOWFALL: 2.7				DATE :21				MAXIMUM				30.57													
TOTAL DEPARTURE									GREATEST SNOW DEPTH: 3				DATE :22+				MINIMUM				29.51													
HEATING: 1029									NUMBER OF DAYS WITH				MAXIMUM TEMP ≥ 90: 0				MINIMUM TEMP ≤ 32 : 28				PRECIPITATION ≥ 0.01 INCH : 8													
COOLING: 0													MAXIMUM TEMP ≤ 32 : 5				MINIMUM TEMP ≤ 0 : 0				PRECIPITATION ≥ 0.10 INCH : 7													
													THUNDERSTORMS : 0				HEAVY FOG : 4				SNOWFALL ≥ 1.0 INCH : 2													

JANUARY 2001
WILMINGTON, DE

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

WILMINGTON, DE

JANUARY 2001

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	T	0.01	0.02	0.09	0.01							T	01	0.03	0.01	0.02	T 0.02	T								01	0.08	0.00
02													02													0.00		
03													03													0.00		
04													04													T		
05													05													0.20		
06													06													0.00		
07													07													0.00		
08													08													0.20		
09													09													0.00		
10													10													0.00		
11													11													0.00		
12													12													0.00		
13													13													0.00		
14													14													T		
15													15													0.14		
16	16	0.00																										
17	17	0.00																										
18	18	0.04																										
19	0.04	0.01	0.01	0.05	0.04	0.06	0.08	0.11	0.05	0.08	T 0.14	T 0.07	19	0.04	T 0.06	T	0.03	0.01	0.02	T 0.06	0.01	0.03	0.04	0.03	19	0.07	1.06	
20													20												0.50			
21													21												0.40			
22													22												0.00			
23													23												0.00			
24	24	0.00																										
25	25	0.00																										
26	T	T	T										26	T	T		T									26	T	0.00
27													27													T		
28													28													0.00		
29													29													0.00		
30													30													0.59		
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.

* = 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

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

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

WEATHER NOTATIONS

**WILMINGTON, DE
JANUARY 2001**

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.

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							10.00	10.00	
04							10.00	10.00	
05							<.25	10.00	
06							.75	10.00	
07							7.00	10.00	
08							1.25	10.00	
09							6.00	10.00	
10							10.00	10.00	
11							10.00	10.00	
12							6.00	10.00	
13							5.00	10.00	
14							4.00	10.00	
15							.25	8.00	
16							<.25	10.00	
17							7.00	10.00	
18							1.50	8.00	
19							.75	10.00	
20							.50	10.00	
21							.75	10.00	
22							6.00	10.00	
23							2.50	9.00	
24							3.00	9.00	
25							5.00	10.00	
26							10.00	10.00	
27							2.00	10.00	
28							9.00	10.00	
29							7.00	10.00	
30							.25	10.00	
31							<.25	10.00	
MONTHLY AVGS							4.80	9.81	
SUNSHINE (MINUTES) Total: Possible: Percent Possible:									
NUMBER OF DAYS WITH: SKY CONDITION CLR PTLY CLDY CLOUDY MISSING 31 MINIMUM VISIBILITY (MILES) <=0.25 <=3.0 >=7.0 4 14 11									

OBSERVATIONS AT 3-HOURLY INTERVALS

WILMINGTON, DE

JANUARY 2001

ILG

WBAN # 13781

HOUR (LST)			SATELLITE		VISIBILITY (MILES)	WEATHER	TEMPERATURE °F				RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)		HOUR (LST)					SATELLITE		VISIBILITY (MILES)	WEATHER	TEMPERATURE °F				RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)		
			OBSERVATION TIME (LST)	EFF CLD AMT Okta			DRY BULB	DEW POINT	WET BULB	SPEED (MPH)		DIRECTION TENS OF DEG	STATION	SEA LEVEL	OBSERVATION TIME (LST)						EFF CLD AMT Okta	DRY BULB			DEW POINT	WET BULB	SPEED (MPH)	DIRECTION TENS OF DEG		STATION	SEA LEVEL			
			SUNRISE: 0723				JAN 01	SUNSET: 1649												SUNRISE: 0723				JAN 07	SUNSET: 1655									
01	CLR	NC			10.00		24	15	21	68	9	23	30.00	30.10	01	CLR	NC			10.00			27	20	25	75	0	00	29.75	29.85				
04	CLR	NC			10.00		23	16	21	74	8	25	30.03	30.13	04	OVC	080			10.00			28	22	26	78	6	19	29.77	29.87				
07	CLR	NC			10.00		21	16	20	81	6	24	30.09	30.19	07	CLR	NC			10.00			27	23	26	85	0	00	29.78	29.88				
10	CLR	NC			10.00		27	21	25	78	8	27	30.13	30.23	10	CLR	NC			10.00			33	26	30	75	6	24	29.79	29.89				
13	CLR	NC			10.00		35	22	30	59	12	33	30.06	30.16	13	CLR	NC			10.00			41	27	35	57	5	24	29.74	29.84				
16	CLR	NC			10.00		34	20	29	56	13	29	30.09	30.19	16	CLR	NC			10.00			42	25	35	51	0	00	29.74	29.84				
19	OVC	090			10.00		31	22	28	69	7	27	30.13	30.23	19	CLR	NC			10.00			36	28	33	73	3	16	29.77	29.87				
22	OVC	095			10.00		29	24	27	82	6	29	30.15	30.25	22	CLR	NC			8.00			28	25	27	88	0	00	29.79	29.89				
			SUNRISE: 0723				JAN 02	SUNSET: 1650												SUNRISE: 0723				JAN 08	SUNSET: 1656									
01	OVC	100			10.00		27	21	25	78	5	31	30.15	30.25	01	CLR	NC			8.00			31	27	29	85	6	03	29.77	29.87				
04	OVC	090			10.00		27	20	25	75	7	28	30.18	30.28	04	CLR	NC			8.00			33	28	31	82	6	03	29.74	29.84				
07	CLR	NC			10.00		25	17	23	72	10	29	30.21	30.32	07	CLR	NC			10.00			35	27	32	72	8	04	29.74	29.84				
10	CLR	NC			10.00		26	13	22	57	18	29	30.24	30.35	10	OVC	040			7.00			37	31	35	79	5	04	29.75	29.85				
13	OVC	040			10.00		27	13	23	55	20	30	30.21	30.31	13	OVC	012			2.50	-RA BR		39	37	38	93	5	03	29.65	29.75				
16	CLR	NC			10.00		26	12	22	55	16	30	30.21	30.31	16	OVC	010			1.75	-RA BR		37	36	37	96	8	32	29.62	29.72				
19	CLR	NC			10.00		22	12	19	66	10	31	30.26	30.36	19	OVC	020			4.00	-RA BR		34	34	34	100	10	33	29.64	29.75				
22	CLR	NC			10.00		19	10	17	68	7	30	30.28	30.38	22	OVC	037			4.00	BR		34	33	34	97	9	29	29.67	29.78				
			SUNRISE: 0723				JAN 03	SUNSET: 1651												SUNRISE: 0723				JAN 09	SUNSET: 1657									
01	CLR	NC			10.00		18	10	16	71	7	23	30.26	30.36	01	OVC	039			6.00	BR		34	32	33	92	12	31	29.69	29.79				
04	CLR	NC			10.00		16	11	15	80	7	24	30.26	30.36	04	OVC	065			10.00			33	27	31	78	10	31	29.71	29.81				
07	CLR	NC			10.00		17	12	16	80	9	24	30.25	30.35	07	OVC	065			10.00			32	21	28	64	14	32	29.76	29.86				
10	CLR	NC			10.00		25	17	23	72	14	29	30.24	30.34	10	FEW	NC			10.00			28	16	24	61	21	30	29.84	29.94				
13	CLR	NC			10.00		31	17	26	56	12	28	30.15	30.25	13	CLR	NC			10.00			27	13	23	55	24	28	29.81	29.91				
16	CLR	NC			10.00		31	17	26	56	6	28	30.08	30.18	16	CLR	NC			10.00			27	13	23	55	16	30	29.81	29.91				
19	CLR	NC			10.00		26	18	24	71	5	20	30.06	30.16	19	CLR	NC			10.00			26	12	22	55	15	28	29.83	29.93				
22	CLR	NC			10.00		24	18	22	77	7	21	30.00	30.10	22	CLR	NC			10.00			25	8	20	48	12	24	29.79	29.89				
			SUNRISE: 0723				JAN 04	SUNSET: 1652												SUNRISE: 0723				JAN 10	SUNSET: 1658									
01	SCT	NC			10.00		23	18	21	81	0	00	29.95	30.05	01	CLR	NC			10.00			24	9	20	52	7	23	29.78	29.88				
04	OVC	100			10.00		21	19	20	92	5	29	29.91	30.01	04	OVC	046			10.00			27	12	23	53	12	23	29.81	29.91				
07	OVC	095			10.00		24	22	23	91	3	27	29.93	30.03	07	OVC	036			10.00			30	16	26	56	17	28	29.90	30.00				
10	OVC	043			10.00		31	22	28	69	6	26	29.96	30.06	10	OVC	033			10.00			31	18	27	59	16	28	30.02	30.11				
13	BKN	044			10.00		35	24	31	64	13	27	29.91	30.01	13	BKN	037			10.00			33	19	28	56	15	29	30.04	30.14				
16	FEW	NC			10.00		33	23	30	67	16	29	29.91	30.01	16	CLR	NC			10.00			36	18	30	48	8	27	30.03	30.13				
19	CLR	NC			10.00		28	25	27	88	6	25	29.93	30.03	19	CLR	NC			10.00			33	18	28	54	5	19	30.04	30.14				
22	CLR	NC			10.00		25	22	24	88	6	24	29.92	30.02	22	CLR	NC			10.00			29	17	25	61	6	21	30.02	30.12				
			SUNRISE: 0723				JAN 05	SUNSET: 1653												SUNRISE: 0723				JAN 11	SUNSET: 1659									
01	CLR	NC			10.00		23	20	22	88	5	22	29.87	29.97	01	CLR	NC			10.00			29	18	25	64	8	25	29.97	30.07				
04	CLR	NC			9.00		21	20	21	96	0	00	29.82	29.92	04	CLR	NC			10.00			32	14	26	47	9	23	29.97	30.07				
07	CLR	NC			7.00		20	20	20	100	3	25	29.78	29.88	07	CLR	NC			10.00			31	15	26	52	7	24	29.99	30.09				
10	BKN	080			9.00		29	26	28	89	7	18	29.71	29.81	10	CLR	NC			10.00			41	17	33	38	14	23	29.96	30.06				
13	OVC	005			2.50	-SN					9	15	29.54	29.64	13	CLR	NC			10.00			47	22	37	37	9	25	29.91	30.01				
16	OVC	006			1.25	-SN					7	18	29.49	29.59	16	CLR	NC			10.00			47	26	39	44	12	28	29.93	30.03				
19	OVC	008			7.00	BR					6	23	29.50	29.60	19	CLR	NC			10.00			41	24	35	51	0	00	29.95	30.06				
22	OVC	075			6.00	HZ					5	25	29.50	29.60	22	CLR	NC			10.00			36	25	32	64	5	28	29.99	30.09				
			SUNRISE: 0723				JAN 06	SUNSET: 1654												SUNRISE: 0722				JAN 12	SUNSET: 1660									
01	OVC	090			5.00	BR		37	34	36	89	6	25	29.47	29.57	01	CLR	NC			10.00			33	25	30	72	3	26	30.01	30.11			
04	BKN	100			1.75	BR		32	32	32	100	0	00	29.50	29.60	04	CLR	NC			8.00			28	23	26	81	6	36	30.03	30.13			
07	OVC	110			5.00	HZ					6	25	29.56		07	CLR	NC			7.00			27	23	26									

OBSERVATIONS AT 3-HOURLY INTERVALS

WILMINGTON, DE

JANUARY 2001

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)		
			OBSERVATION TIME (LST)	EFF CLD AMT Okta		VISIBILITY (MILES)	DRY BULB	DEW POINT		WET BULB	SPEED (MPH)	DIRECTION TENS OF DEG	STATION				SEA LEVEL	OBSERVATION TIME (LST)		EFF CLD AMT Okta	VISIBILITY (MILES)	DRY BULB		DEW POINT	WET BULB	SPEED (MPH)	DIRECTION TENS OF DEG	STATION
SUNRISE: 0722 JAN 13 SUNSET: 1701																												
01	CLR	NC			7.00	24	20	23	84	3	33	30.20	30.29	01	OVC	003			2.50	BR	35	35	35	100	5	01	29.96	30.06
04	CLR	NC			7.00	23	19	22	85	5	31	30.22	30.32	04	OVC	003			1.75	-RA	36	36	36	100	7	04	29.88	29.98
07	CLR	NC			7.00	22	18	21	85	3	33	30.25	30.35	07	OVC	003			2.00	RA	36	36	36	100	5	36	29.85	29.95
10	CLR	NC			6.00	31	25	29	79	3	32	30.30	30.40	10	OVC	003			1.75	RA	38	38	38	100	9	04	29.81	29.91
13	CLR	NC			10.00	40	24	34	53	8	17	30.24	30.35	13	OVC	005			1.00	-RA	40	40	40	100	0	00	29.70	29.80
16	CLR	NC			10.00	40	25	34	55	8	16	30.23	30.34	16	OVC	004			3.00	RA	39	39	39	100	7	32	29.69	29.79
19	CLR	NC			10.00	34	25	31	70	5	16	30.24	30.35	19	OVC	024			10.00	-RA	38	38	38	100	6	36	29.75	29.85
22	CLR	NC			10.00	31	24	29	76	0	00	30.25	30.35	22	OVC	040			6.00	RA	38	38	38	100	8	02	29.79	29.89
SUNRISE: 0722 JAN 14 SUNSET: 1702																												
01	CLR	NC			7.00	26	23	25	88	3	36	30.22	30.32	01	OVC	018			5.00	RA	38	37	38	97	10	36	29.83	29.93
04	CLR	NC			6.00	25	22	24	88	0	00	30.20	30.30	04	OVC	011			9.00	-RA	37	36	37	96	13	36	29.84	29.94
07	CLR	NC			6.00	23	20	22	88	0	00	30.21	30.31	07	OVC	012			5.00	-SN	35	35	35	100	10	01	29.86	29.96
10	CLR	NC			4.00	31	29	30	92	0	00	30.21	30.31	10	OVC	008			1.50	-RA	35	35	35	100	13	02	29.89	29.99
13	SCT	NC			8.00	38	32	36	79	3	14	30.16	30.26	13	OVC	006			2.00	-RA	35	35	35	100	16	03	29.81	29.91
16	FEW	NC			10.00	39	35	37	86	3	17	30.14	30.24	16	OVC	008			1.50	-SN	34	34	34	100	16	03	29.75	29.85
19	OVC	032			10.00	38	34	36	86	3	13	30.13	30.23	19	OVC	008			5.00	-SNRA	33	32	33	96	16	04	29.74	29.84
22	OVC	016			10.00	38	35	37	89	5	09	30.09	30.19	22	OVC	006			4.00	-SNRA	32	32	32	100	14	01	29.67	29.77
SUNRISE: 0721 JAN 15 SUNSET: 1703																												
01	OVC	009			2.50	37	37	37	100	6	01	30.05	30.15	01	OVC	013			2.50	-SN	29	28	29	96	13	34	29.69	29.79
04	OVC	003			2.50	37	37	37	100	8	01	30.03	30.13	04	OVC	012			1.50	-SN	27	26	27	96	21	34	29.71	29.81
07	OVC	019			8.00	38	38	38	100	7	02	30.02	30.12	07	OVC	025			2.50	-SN	23	19	22	85			29.92	30.02
10	OVC	006			4.00	39	38	39	96	9	04	30.01	30.11	10	CLR	NC			8.00		24	14	21	65	25	31	30.05	30.15
13	OVC	006			4.00	39	38	39	96	5	05	29.95	30.05	13	CLR	NC			10.00		27	13	23	55	25	29	30.08	30.18
16	OVC	006			3.00	40	39	40	97	5	08	29.91	30.01	16	CLR	NC			10.00		29	13	24	51	14	29	30.13	30.24
19	OVC	002			2.00	37	37	37	100	3	VR	29.92	30.02	19	CLR	NC			10.00		27	14	23	58	9	26	30.22	30.32
22	OVC	002			0.25	37	37	37	100	0	00	29.92	30.02	22	CLR	NC			10.00		23	10	19	57			30.28	30.38
SUNRISE: 0721 JAN 16 SUNSET: 1704																												
01	VV	001			<.25	37	37	37	100	5	30	29.87	29.97	01	CLR	NC			10.00		21	11	18	65	12	29	30.33	30.43
04	OVC	001			2.50	37	37	37	100	7	25	29.87	29.97	04	CLR	NC			10.00		18	11	16	74	7	29	30.38	30.47
07	CLR	NC			4.00	33	33	33	100	5	22	29.89	29.99	07	CLR	NC			10.00		15	11	14	84	6	28	30.42	30.52
10	FEW	NC			4.00	37	36	37	96	7	28	29.93	30.03	10	CLR	NC			9.00		24	15	21	68			30.46	30.56
13	BKN	042			10.00	44	32	39	63	20	29	29.94	30.04	13	CLR	NC			10.00		30	14	25	51	0	00	30.42	30.52
16	SCT	NC			10.00	41	31	37	67	18	29	29.98	30.08	16	CLR	NC			10.00		30	18	26	61	6	28	30.40	30.50
19	FEW	NC			10.00	37	28	34	70	9	27	30.03	30.13	19	CLR	NC			10.00		27	17	24	66	0	00	30.42	30.52
22	CLR	NC			10.00	34	27	31	76	6	25	30.08	30.18	22	CLR	NC			6.00	BR	19	15	18	85	7	31	30.38	30.48
SUNRISE: 0720 JAN 17 SUNSET: 1705																												
01	CLR	NC			10.00	32	26	30	79	8	25	30.09	30.19	01	CLR	NC			4.00	BR	19	18	19	96	0	00	30.34	30.44
04	CLR	NC			10.00	33	26	31	75	5	VR	30.09	30.19	04	CLR	NC			4.00	BR	15	14	15	95	3	31	30.30	30.40
07	CLR	NC			8.00	31	26	29	82	10	29	30.10	30.20	07	CLR	NC			4.00	BR	13	10	12	88	0	00	30.28	30.39
10	CLR	NC			9.00	39	28	35	65	7	27	30.13	30.23	10	FEW	NC			3.00	BR	21	17	20	85	6	32	30.27	30.37
13	BKN	037			10.00	41	28	36	60	9	28	30.10	30.20	13	CLR	NC			8.00		32	20	28	61	0	00	30.13	30.23
16	OVC	110			10.00	39	28	35	65	12	29	30.09	30.19	16	CLR	NC			9.00		35	21	30	57	0	00	30.06	30.16
19	OVC	100			10.00	37	27	33	67	7	26	30.13	30.24	19	CLR	NC			7.00		29	21	26	72	6	25	30.04	30.14
22	CLR	NC			9.00	32	27	30	82	7	25	30.16	30.26	22	CLR	NC			6.00	HZ	23	17	21	78	8	30	30.00	30.10
SUNRISE: 0720 JAN 18 SUNSET: 1706																												
01	CLR	NC			8.00	32	27	30	82	5	28	30.15	30.25	01	CLR	NC			6.00	BR	25	19	23	78	9	28	29.95	30.05
04	CLR	NC			7.00	30	27	29	88	0	00	30.15	30.25	04	CLR	NC			7.00		25	20	23	81	5	23	29.94	30.03
07	OVC	100			7.00	32	29	31	88	5	17	30.15	30.25	07	CLR	NC			5.00	HZ	26	21	24	81	3	21	29.94	30.04
10	FEW	NC			7.00	34	28	32	79	5	14	30.16	30.26	10	CLR	NC			3.00	HZ	30	23	28	75	7	29	29.97	30.07
13	OVC	046			3.00	34	32	33	92	7	15	30.12	30.22	13	CLR	NC			8.00		39	26	34	60	10	31	29.90	30.00
16	OVC	043			1.50	34	34	34	100	6	05	30.07	30.17	16	CLR	NC			9.00		39	27	34	62	8	27	29.88	29.98
19	OVC	033			2.00	34	34	34	100	7	05	30.04	30.14	19	CLR	NC			7.00		36	26	32	67	3	12	29.88	29.98
22	OVC	080			2.00	34	34	34	100	5	04	30.01	30.11	22	BKN	048			5.00	BR	30	26	29	85	3	29	29.88	29.98

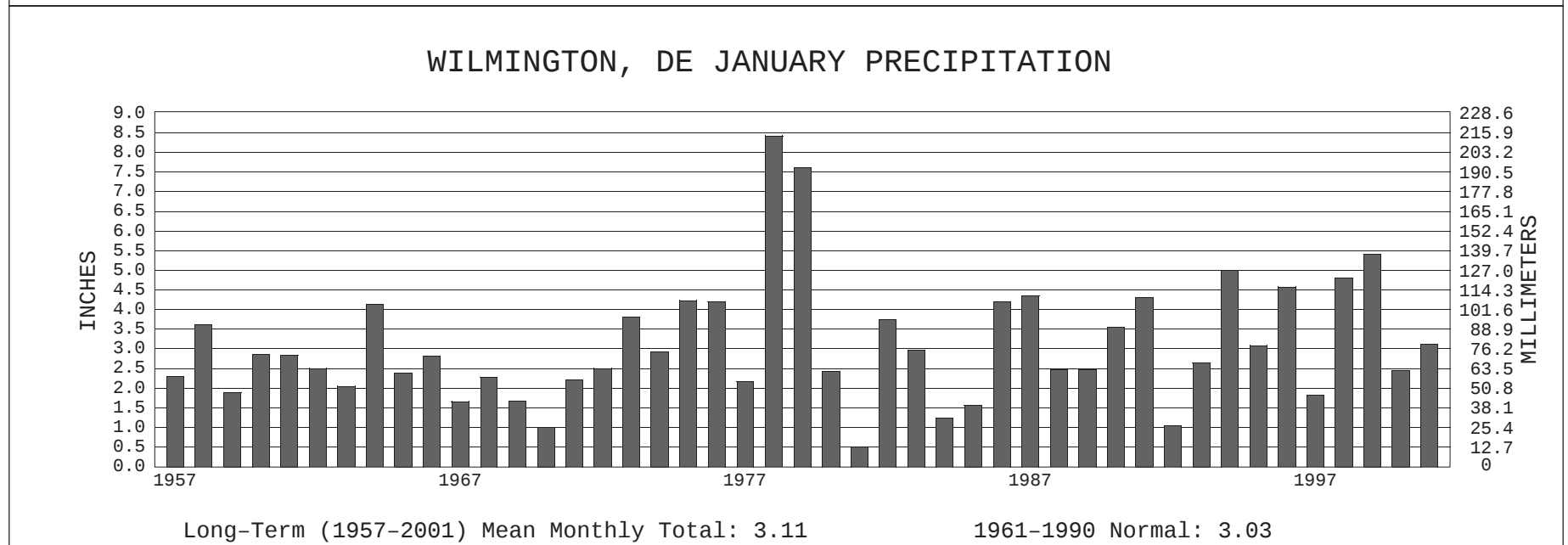
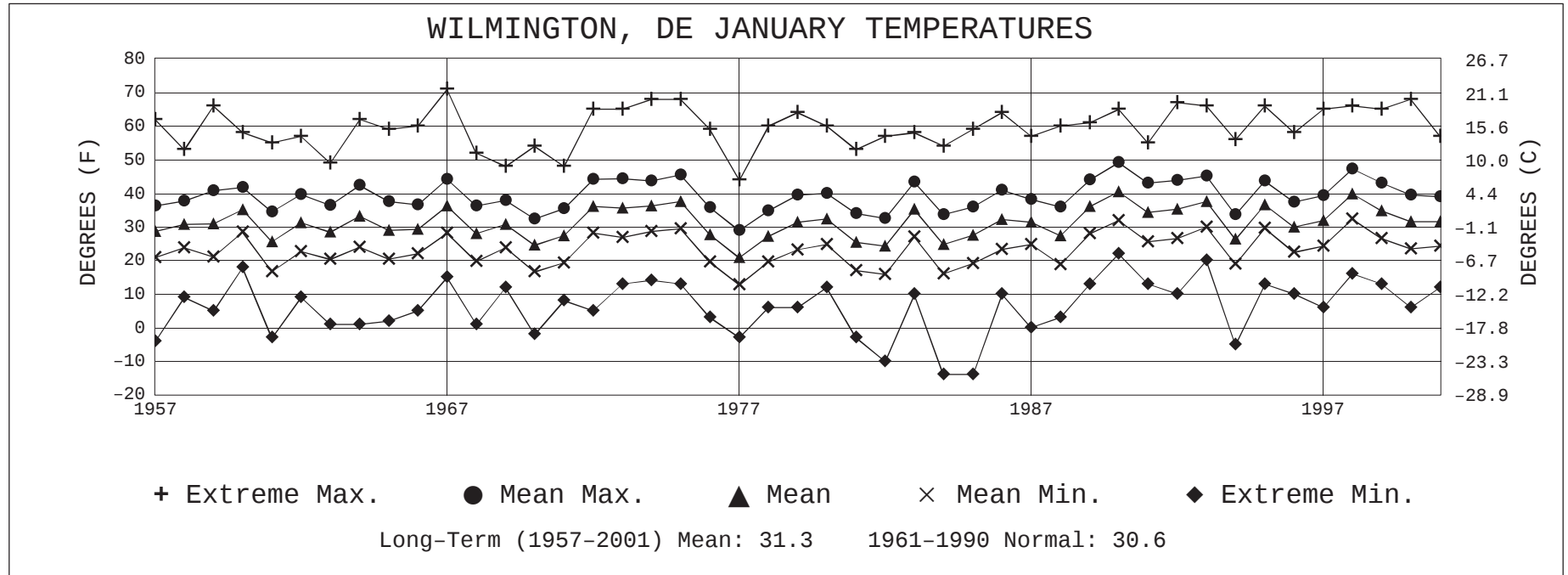
WILMINGTON, DE

JANUARY 2001

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)					
			OBSERVATION TIME (LST)	EFF CLD AMT Okta's		VISIBILITY (MILES)	DRY BULB	DEW POINT		WET BULB	SPEED (MPH)	DIRECTION TENS OF DEG	STATION				SEA LEVEL	OBSERVATION TIME (LST)		EFF CLD AMT Okta's	VISIBILITY (MILES)	DRY BULB		DEW POINT	WET BULB	SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL		
SUNRISE: 0716						JAN 25		SUNSET: 1714						SUNRISE: 0711						JAN 31		SUNSET: 1721									
01	SCT	NC			6.00	BR		30	25	28	82	6	31	29.88	29.98	01	VV	008			0.25	FG		38	38	38	100	0	00	29.45	29.54
04	CLR	NC			5.00	BR		28	20	25	72	8	31	29.88	29.98	04	VV	006			0.50	FZFG		31	31	31	100	0	00	29.42	29.52
07	CLR	NC			8.00			27	19	24	72	9	30	29.92	30.02	07	CLR	NC			1.75	BR		31	31	31	100	0	00	29.48	29.57
10	CLR	NC			9.00			33	21	29	61	15	31	29.97	30.07	10	BKN	080			8.00			42	39	41	89	5	24	29.53	29.63
13	BKN	045			10.00			36	21	31	55	21	32	29.97	30.07	13	SCT	NC			10.00			50	35	43	57	22	27	29.55	29.65
16	CLR	NC			10.00			36	19	30	50	17	32	30.01	30.11	16	CLR	NC			10.00			47	29	39	50	23	28	29.64	29.74
19	CLR	NC			10.00			31	16	26	54	13	32	30.11	30.21	19	CLR	NC			10.00			41	28	36	60	8	26	29.75	29.85
22	CLR	NC			10.00			29	10	23	45	13	33	30.17	30.27	22	CLR	NC			10.00			36	28	33	73	8	28	29.80	29.90
SUNRISE: 0715						JAN 26		SUNSET: 1715						3-HOURLY OBSERVATION NOTES																	
01	CLR	NC			10.00			25	12	21	58	10	31	30.19	30.29	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 Visibilty = 8/8.															
04	CLR	NC			10.00			24	11	20	57	10	35	30.21	30.31	Ceiling is reported in hundreds of feet above ground level for clouds at or below 12,000 feet.															
07	CLR	NC			10.00			21	11	18	65	6	28	30.25	30.36	NC= No ceiling detected.															
10	CLR	NC			10.00			28	15	24	58	10	31	30.24	30.34	& = Original observation contained additional weather elements.															
13	CLR	NC			10.00			32	17	27	54	8	29	30.14	30.24	See page 3 for additional notes.															
16	CLR	NC			10.00			32	16	27	52	3	24	30.05	30.15																
19	CLR	NC			10.00			30	19	26	64	3	17	30.00	30.10																
22	CLR	NC			10.00			30	19	26	64	9	16	29.92	30.02																
SUNRISE: 0714						JAN 27		SUNSET: 1717																							
01	OVC	070			10.00			31	21	28	67	5	18	29.82	29.92																
04	OVC	100			6.00	BR		30	29	30	96	3	14	29.74	29.84																
07	OVC	060			4.00	BR		30	30	30	100	0	00	29.72	29.82																
10	OVC	085			10.00			35	27	32	72	6	25	29.74	29.84																
13	OVC	019			10.00	-RA		37	31	35	79	25	28	29.78	29.88																
16	BKN	065			10.00			39	24	33	55	20	28	29.83	29.93																
19	OVC	060			10.00			36	19	30	50	17	28	29.95	30.06																
22	CLR	NC			10.00			33	18	28	54	16	28	30.02	30.12																
SUNRISE: 0713						JAN 28		SUNSET: 1718																							
01	OVC	049			10.00			32	17	27	54	14	29	30.06	30.16																
04	OVC	043			10.00			32	18	27	56	9	27	30.12	30.22																
07	CLR	NC			10.00			26	15	23	63	3	26	30.18	30.28																
10	CLR	NC			10.00			32	17	27	54	9	27	30.21	30.32																
13	CLR	NC			10.00			36	14	29	40	12	24	30.17	30.27																
16	CLR	NC			10.00			38	16	31	41	12	26	30.16	30.26																
19	CLR	NC			10.00			32	17	27	54	0	00	30.20	30.30																
22	CLR	NC			10.00			25	18	23	75	6	33	30.22	30.32																
SUNRISE: 0713						JAN 29		SUNSET: 1719																							
01	CLR	NC			10.00			28	15	24	58	3	29	30.25	30.35																
04	CLR	NC			10.00			25	14	22	63	5	32	30.25	30.35																
07	CLR	NC			8.00			21	17	20	85	5	32	30.26	30.37																
10	CLR	NC			10.00			32	18	27	56	5	05	30.27	30.37																
13	CLR	NC			10.00			35	21	30	57	8	16	30.19	30.29																
16	OVC	060			10.00			37	19	31	48	7	22	30.14	30.24																
19	FEW	NC			10.00			34	26	31	73	5	16	30.11	30.21																
22	SCT	NC			10.00			33	22	29	64	5	13	30.06	30.16																
SUNRISE: 0712						JAN 30		SUNSET: 1720																							
01	CLR	NC			10.00			33	25	30	72	5	11	29.97	30.08																
04	OVC	038			10.00			34	27	31	76	6	05	29.89	29.99																
07	OVC	023			3.00	-RA BR		35	34	35	96	7	07	29.75	29.85																
10	OVC	001			0.75	RA BR		40	40	40	100	6	08	29.57	29.67																
13	OVC	014			10.00			57	54	55	90	21	22	29.42	29.52																
16	CLR	NC			10.00			52	45	48	77	12	24	29.44	29.54																
19	OVC	090			8.00			44	43	44	96	0	00	29.46	29.56																
22	SCT	NC			0.50	FG		37	37	37	100	0	00	29.47	29.57																





**JANUARY 2001
WILMINGTON, DE**

LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

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