



APRIL 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): 92 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	51	38	45	-3	38	41	20	0	RA			0.0	T	29.67	29.75	5.0	05	6.5	18	01	15	01	01										
02	50	36	43	-5	36	40	22	0	RA BR HZ			0.0	0.02	29.89	29.97	8.1	30	9.0	25	27	21	28	02										
03	57	30*	44	-4	34	40	21	0	BR HZ			0.0	0.00	30.02	30.11	2.5	15	6.8	21	01	18	01	03										
04	58	40	49	0	31	41	16	0	RA			0.0	T	30.20	30.29	5.2	01	9.7	22	34	17	32	04										
05	63	31	47	-2	32	42	18	0	BR			0.0	0.00	30.23	30.32	2.1	16	5.7	16	15	14	16	05										
06	61	44	53	4	47	50	12	0	RA BR			0.0	0.06	29.93	30.01	4.1	18	5.3	17	21	14	23	06										
07	59	43	51	2	46	48	14	0	BR HZ			0.0	0.00	30.07	30.15	7.3	09	9.3	24	05	21	06	07										
08	54	43	49	-1	45	47	16	0	RA BR HZ			0.0	0.02	29.99	30.08	5.7	06	6.2	15	09	13	04	08										
09	84	46	65	15	55	58	0	0	RA FG+ BR HZ			0.0	0.21	29.75	29.83	3.3	21	7.1	43*	28	32	31	09										
10	61	49	55	5	49	51	10	0				0.0	0.00	29.95	30.04	1.4	07	9.1	23	16	20	15	10										
11	52	48	50	-1	49	49	15	0	RA BR			0.0	0.48	30.11	30.20	8.2	07	8.9	18	05	16	04	11										
12	65	49	57	6	55	55	8	0	FG+ BR			0.0	0.00	29.90	29.98	3.0	09	5.1	17	05	15	05	12										
13	75	53	64	13	48	56	1	0	RA BR			0.0	0.02	29.78	29.87	10.4	28	11.1	32	30	28	30	13										
14	68	44	56	4	34	47	9	0				0.0	0.00	29.87	29.95	7.9	29	9.1	23	27	18	29	14										
15	65	46	56	4	40	48	9	0	RA BR			0.0	0.34	29.72	29.80	4.2	12	7.5	21	17	18	15	15										
16	54	43	49	-3	44	47	16	0	RA BR			0.0	0.12	29.68	29.76	4.2	33	8.5	33	27	26	27	16										
17	51	36	44	-9	33	39	21	0	RA			0.0	0.05	29.70	29.78	13.6	29	14.2	33	27	26	29	17										
18	50	32	41*	-12	26	35	24	0	RA SN BR			T	0.04	29.82	29.91	15.7	30	16.0	39	30	32	31	18										
19	57	31	44	-9	28	38	21	0				0.0	0.00	30.15	30.23	4.8	27	7.7	28	31	21	30	19										
20	64	41	53	0	41	48	12	0				0.0	0.00	30.22	30.31	4.6	15	5.8	16	15	15	15	20										
21	69	52	61	7	52	56	4	0	RA			0.0	0.05	30.21	30.29	4.9	15	5.9	16	18	15	18	21										
22	84	57	71	17	59	64	0	6				0.0	0.00	30.15	30.23	7.4	23	8.3	23	25	18	27	22										
23	84	58	71*	16	62	65	0	6	BR HZ			0.0	0.00	30.03	30.11	6.8	15	7.1	22	16	18	15	23										
24	84*	53	69	14	53	59	0	4	RA			0.0	0.02	29.85	29.94	8.4	26	12.9	39	29	32*	30	24										
25	55	43	49	-6	32	42	16	0				0.0	0.00	30.13	30.22	6.9	36	8.7	24	01	20	36	25										
26	63	36	50	-6	32	43	15	0				0.0	0.00	30.14	30.22	5.8	04	8.1	25	05	22	06	26										
27	74	39	57	1	43	50	8	0				0.0	0.00	29.94	30.03	5.7	29	6.5	25	30	23	30	27										
28	65	46	56	0	28	45	9	0				0.0	0.00	30.15	30.24	11.0	35	11.3	26	34	22	33	28										
29	63	37	50	-7	28	42	15	0				0.0	0.00	30.42	30.51	0.5	09	6.7	18	03	13	16	29										
30	72	40	56	-1	43	50	9	0				0.0	0.00	30.25	30.34	5.2	21	6.0	22	23	18	23	30										
63.7 42.8 53.3 ■■										< MONTHLY AVERAGES TOTALS->			T	1.43	30.00	30.08	1.5	31	8.3	<- MONTHLY AVERAGES													
1.1 1.0 1.1 ■■										<-----DEPARTURE FROM NORMAL----->										-1.96				SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3									
DEGREE DAYS									GREATEST 24-HR PRECIPITATION: 0.48 DATE :11				SEA LEVEL PRESSURE DATE TIME																				
MONTHLY TOTAL DEPARTURE									GREATEST 24-HR SNOWFALL: T DATE :18				MAXIMUM : 30.60 29 0951																				
SEASON TO DATE TOTAL DEPARTURE									GREATEST SNOW DEPTH: DATE :				MINIMUM : 29.63 16 0151																				
HEATING: 361 -23 5035 220									NUMBER OF DAYS WITH →				MAXIMUM TEMP ≥ 90: 0				MINIMUM TEMP ≤ 32 : 4				PRECIPITATION ≥ 0.01 INCH : 12												
COOLING: 16 16 16 16													MAXIMUM TEMP ≤ 32 : 0				MINIMUM TEMP ≤ 0 : 0				PRECIPITATION ≥ 0.10 INCH : 4												
													THUNDERSTORMS : 0				HEAVY FOG : 2				SNOWFALL ≥ 1.0 INCH : 0												

APRIL 2001
WILMINGTON, DE

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

WILMINGTON, DE

APRIL 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													01				T	T	T		T	T	T			01		T	
02				0.01	0.01	T	T						02				T	T	T		T	T	T			02		0.02	
03													03													03		0.00	
04	T												04													04		T	
05													05													05		0.00	
06								T	0.01	T		0.02	06	0.03	T	T	T									06		0.06	
07													07													07		0.00	
08						T	0.01		0.01		0.01		08													08		0.02	
09						0.01	0.01	T	T				09								0.09	0.10	T			09		0.21	
10													10													10		0.00	
11			T	T			T		T	0.04	0.04	0.12	11	0.07	0.05	0.07	0.03	0.01	0.02	0.02	T	T	0.01	T		11		0.48	
12													12													12		0.00	
13								T	0.01	0.01	T		13													13		0.02	
14													14													14		0.00	
15													15			T	T	T	0.07	0.09	0.06	0.06	0.04	0.02		15		0.34	
16	0.01	0.01	0.01	0.01	T	0.04	0.02	0.01	T	T	0.01	T	16			T		T								16		0.12	
17	0.02	0.02	T			0.01							17													17		0.05	
18	T	0.02	0.01	T	T	0.01	T						18											T		18		0.04	
19													19													19		0.00	
20													20													20		0.00	
21						0.01	0.04						21			T	T	T								21		0.05	
22													22													22		0.00	
23													23													23		0.00	
24													24			T			0.02	T						24		0.02	
25													25													25		0.00	
26													26													26		0.00	
27													27													27		0.00	
28													28													28		0.00	
29													29													29		0.00	
30													30													30		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)	.08	.11	.14	.14	.15	.17	.18	.19	.19	.20	.23	.25
Ending Date	09	09	09	09	09	09	09	09	09	11	11	11
Ending Time (Hour/Min)	1951	1955	1959	1959	2008	2024	2038	2050	2050	1249	1319	1404

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
APRIL 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							7.00	10.00	
02							2.00	10.00	
03							4.00	10.00	
04							10.00	10.00	
05							4.00	10.00	
06							3.00	10.00	
07							.75	10.00	
08							1.25	10.00	
09							.25	10.00	
10							7.00	10.00	
11							1.50	10.00	
12							.25	5.00	
13							1.75	10.00	
14							10.00	10.00	
15							6.00	10.00	
16							3.00	10.00	
17							10.00	10.00	
18							1.25	10.00	
19							10.00	10.00	
20							10.00	10.00	
21							8.00	10.00	
22							.00	10.00	
23							5.00	10.00	
24							6.00	10.00	
25							10.00	10.00	
26							10.00	10.00	
27							10.00	10.00	
28							10.00	10.00	
29							10.00	10.00	
30							10.00	10.00	
MONTHLY AVGS							5.92	9.83	
SUNSHINE (MINUTES) Total: Possible: Percent Possible:									
NUMBER OF DAYS WITH: SKY CONDITION CLR PTLY CLDY CLOUDY MISSING 30 MINIMUM VISIBILITY (MILES) <=0.25 <=3.0 >=7.0 3 10 14									

OBSERVATIONS AT 3-HOURLY INTERVALS

WILMINGTON, DE

APRIL 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)	
	SKY COVER	CEILING 100'S OF FT	OBSERVATION TIME (LST)	EFF CLD AMT Oktas		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		DRY BULB	DEW POINT	WET BULB		SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL
			SUNRISE: 0546		APR 01	SUNSET: 1827											SUNRISE: 0537		APR 07	SUNSET: 1833							
01	OVC	080		10.00		43	37	40	80	6	04	29.71	29.79	01	CLR	NC		2.00	BR	54	54	54	100	0	00	29.82	29.91
04	OVC	055		7.00		41	39	40	93	3	30	29.68	29.77	04	OVC	039		3.00	BR	53	53	53	100	5	36	29.86	29.95
07	OVC	065		10.00		41	36	39	82	5	02	29.67	29.75	07	SCT	NC		2.00	BR	54	54	54	100	6	06	29.99	30.08
10	OVC	070		10.00		45	37	41	74	8	06	29.65	29.73	10	OVC	038		8.00		58	51	54	78	17	08	30.08	30.17
13	OVC	035		10.00		49	36	43	61	7	02	29.61	29.70	13	OVC	023		10.00		51	43	47	74	10	10	30.13	30.22
16	OVC	037		10.00	-RA	48	37	43	66	10	07	29.60	29.69	16	OVC	038		10.00		49	41	45	74	15	12	30.15	30.24
19	OVC	024		10.00		44	38	41	79	7	05	29.68	29.77	19	OVC	034		10.00		44	37	41	76	10	10	30.17	30.26
22	OVC	017		10.00		41	37	39	86	6	08	29.73	29.81	22	OVC	020		10.00		44	37	41	76	8	08	30.22	30.30
			SUNRISE: 0545		APR 02	SUNSET: 1828											SUNRISE: 0535		APR 08	SUNSET: 1834							
01	OVC	017		10.00		41	37	39	86	0	00	29.75	29.83	01	OVC	020		10.00		43	38	41	82	9	07	30.17	30.26
04	OVC	013		6.00	-RA BR	40	38	39	93	0	00	29.77	29.85	04	OVC	014		9.00		44	40	42	85	7	04	30.12	30.21
07	OVC	011		4.00	BR	41	40	41	96	3	19	29.83	29.92	07	OVC	011		5.00	BR	44	43	44	96	6	06	30.07	30.15
10	BKN	050		6.00	HZ	47	39	43	74	14	32	29.87	29.96	10	OVC	005		2.50	BR	45	45	45	100	9	03	30.04	30.13
13	OVC	046		8.00		48	35	42	61	17	31	29.89	29.98	13	OVC	007		7.00		50	47	48	89	6	05	29.97	30.05
16	OVC	041		10.00		47	34	41	61	16	29	29.91	29.99	16	CLR	NC		7.00		54	49	51	83	6	09	29.89	29.98
19	OVC	060		10.00		46	33	40	61	14	28	29.96	30.05	19	FEW	NC		7.00		52	48	50	86	5	09	29.89	29.98
22	CLR	NC		9.00		41	32	37	70	6	32	29.99	30.08	22	CLR	NC		5.00	BR	49	48	48	97	3	06	29.89	29.98
			SUNRISE: 0543		APR 03	SUNSET: 1829											SUNRISE: 0534		APR 09	SUNSET: 1835							
01	CLR	NC		7.00		36	32	34	86	3	30	30.01	30.10	01	CLR	NC		4.00	BR	47	47	47	100	0	00	29.86	29.95
04	CLR	NC		5.00	BR	30	29	30	96	5	32	30.02	30.11	04	VV	001		0.25	FG	47	47	47	100	6	03	29.82	29.91
07	BKN	090		4.00	BR	35	33	34	93	0	00	30.06	30.14	07	OVC	001		1.00	BR	47	47	47	100	0	00	29.86	29.94
10	CLR	NC		10.00		50	34	43	54	5	13	30.04	30.13	10	CLR	NC		5.00	HZ	60	55	57	84	5	23	29.80	29.89
13	FEW	NC		10.00		55	34	45	45	9	13	29.98	30.07	13	CLR	NC		10.00		81	62	69	53	8	25	29.72	29.81
16	CLR	NC		10.00		53	36	45	52	17	16	29.94	30.03	16	FEW	NC		10.00		84	60	69	44	10	21	29.63	29.71
19	OVC	065		10.00		48	36	43	63	7	17	30.00	30.09	19	SCT	NC		10.00		64	57	60	78	14	16	29.59	29.68
22	OVC	055		10.00		49	38	44	66	12	02	30.06	30.15	22	CLR	NC		10.00		61	61	61	100	6	22	29.68	29.77
			SUNRISE: 0542		APR 04	SUNSET: 1830											SUNRISE: 0532		APR 10	SUNSET: 1836							
01	OVC	055		10.00		46	37	42	71	12	01	30.11	30.19	01	CLR	NC		7.00		59	59	59	100	9	29	29.73	29.82
04	OVC	048		10.00		45	34	40	66	6	35	30.14	30.22	04	CLR	NC		10.00		56	51	53	84	10	34	29.79	29.88
07	OVC	065		10.00		44	32	39	63	12	35	30.21	30.30	07	OVC	018		10.00		53	49	51	86	13	36	29.91	30.00
10	CLR	NC		10.00		50	26	40	39	9	36	30.24	30.33	10	OVC	022		10.00		56	48	52	75	10	02	29.97	30.05
13	CLR	NC		10.00		54	27	43	35	9	32	30.21	30.29	13	OVC	026		10.00		58	48	53	70	6	11	29.98	30.07
16	CLR	NC		10.00		58	28	45	32	13	35	30.17	30.25	16	FEW	NC		10.00		54	48	51	80	18	15	29.97	30.06
19	CLR	NC		10.00		52	27	42	38	0	00	30.19	30.28	19	FEW	NC		10.00		50	46	48	86	10	14	30.02	30.11
22	CLR	NC		10.00		43	37	40	80	12	16	30.26	30.35	22	OVC	085		10.00		50	46	48	86	5	14	30.07	30.16
			SUNRISE: 0540		APR 05	SUNSET: 1831											SUNRISE: 0531		APR 11	SUNSET: 1837							
01	CLR	NC		10.00		40	35	38	83	3	18	30.27	30.35	01	SCT	NC		10.00		50	45	48	83	7	16	30.08	30.17
04	CLR	NC		7.00		35	35	35	100	3	29	30.27	30.36	04	OVC	047		10.00		49	44	47	83	6	08	30.09	30.18
07	CLR	NC		4.00	BR	36	35	36	97	3	29	30.29	30.38	07	OVC	016		9.00		49	46	48	90	8	12	30.12	30.20
10	CLR	NC		10.00		56	21	42	26	9	30	30.31	30.39	10	OVC	017		5.00	-RA BR	50	49	49	96	8	06	30.16	30.24
13	CLR	NC		10.00		61	25	46	25	0	00	30.24	30.33	13	OVC	019		4.00	-RA BR	50	50	50	100	10	06	30.15	30.23
16	CLR	NC		10.00		61	28	46	29	10	14	30.15	30.24	16	OVC	007		7.00	-RA	51	51	51	100	7	07	30.10	30.19
19	CLR	NC		10.00								30.15		19	OVC	003		1.50	BR	51	51	51	100	10	05	30.10	30.19
22	CLR	NC		10.00		48	41	45	77	6	15	30.15	30.24	22	OVC	003		1.50	-RA BR	50	50	50	100	14	05	30.09	30.18
			SUNRISE: 0539		APR 06	SUNSET: 1832											SUNRISE: 0529		APR 12	SUNSET: 1838							
01	CLR	NC		10.00		48	36	43	63	7	17	30.12	30.21	01	OVC	003		4.00	BR	50	50	50	100	8	04	30.05	30.14
04	CLR	NC		10.00		46	38	42	73	6	16	30.06	30.15	04	OVC	003		2.50	BR	50	50	50	100	7	02	30.01	30.10
07	OVC	080		10.00	-RA	47	41	44	80	5	16	30.04		07	OVC	001		0.25	FG	50	50	50	100	6	05	29.99	30.08
10	OVC	075		10.00		49	45	47	86	8	14	29.98	30.06	10	OVC	003		1.00	BR	52	52	52	100	5	10	29.96	30.05
13	OVC	019		5.00	-RA BR	52	50	51	93	5	15	29.89	29.98	13	OVC	005		3.00	BR	56	55	55	97	5	12	29.90	29.99
16	OVC	024		8.00		58	51	54	78	10	23	29.81	29.89	16	OVC	010		5.00	BR	63	60	61	90	6	15	29.82	29.91
19	BKN	060		7.00		58	54	56	87	0	00	29.80	29.89	19	CLR	NC		5.00	BR	62	60	61	93	5	14	29.78	29.87
22	OVC	060		5.00	BR	57	55	56	93	0	00	29.81	29.90	22	CLR	NC		5.00	BR	59	58	58	96	0	00	29.74	29.83

OBSERVATIONS AT 3-HOURLY INTERVALS

WILMINGTON, DE

APRIL 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)			
	SKY COVER	CEILING 100'S OF FT	OBSERVATION TIME (LST)	EFF CLD AMT Okta		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 Okta	VISIBILITY (MILES)	DRY BULB		DEW POINT	WET BULB	SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL
SUNRISE: 0528						APR 13		SUNSET: 1839						SUNRISE: 0519						APR 19		SUNSET: 1845							
01	CLR	NC			3.00	BR	57	57	57	100	6	24	29.74	29.82	01	CLR	NC			10.00		34	24	30	67	5	26	30.05	30.13
04	CLR	NC			4.00	BR	59	59	59	100	5	30	29.70	29.79	04	CLR	NC			10.00		31	25	29	79	3	27	30.08	30.17
07	CLR	NC			10.00		65	56	60	73	10	33	29.78	29.87	07	CLR	NC			10.00		35	28	32	76	5	29	30.15	30.24
10	OVC	075			10.00	-RA	62	56	59	81	5	23	29.80	29.89	10	CLR	NC			10.00		45	21	36	39	10	25	30.18	30.27
13	CLR	NC			10.00		72	49	59	44	16	27	29.76	29.85	13	CLR	NC			10.00		53	23	41	31	16	25	30.14	30.23
16	CLR	NC			10.00		73	41	56	32	20	30	29.73	29.82	16	FEW	NC			10.00		56	27	44	33	15	31	30.11	30.20
19	CLR	NC			10.00		65	38	52	37	12	29	29.79	29.88	19	CLR	NC			10.00		53	27	42	37	3	02	30.15	30.24
22	CLR	NC			10.00		61	34	48	36	13	29	29.85	29.94	22	CLR	NC			10.00		46	42	44	86	8	13	30.21	30.29
SUNRISE: 0526						APR 14		SUNSET: 1840						SUNRISE: 0518						APR 20		SUNSET: 1846							
01	CLR	NC			10.00		51	33	43	50	7	32	29.88	29.96	01	CLR	NC			10.00		45	37	41	74	5	17	30.23	30.32
04	CLR	NC			10.00		49	33	42	55	9	32	29.89	29.98	04	CLR	NC			10.00		42	37	40	82	5	11	30.23	30.32
07	CLR	NC			10.00		50	34	43	54	9	30	29.93	30.02	07	CLR	NC			10.00		46	41	44	83	0	00	30.27	30.36
10	CLR	NC			10.00		57	32	46	39	8	30	29.93	30.01	10	CLR	NC			10.00		54	39	47	57	5	21	30.27	30.36
13	CLR	NC			10.00		64	31	49	29	16	29	29.88	29.97	13	CLR	NC			10.00		62	40	51	44	6	14	30.22	30.31
16	CLR	NC			10.00		67	35	51	31	9	28	29.83	29.91	16	CLR	NC			10.00		62	44	53	52	8	14	30.17	30.26
19	CLR	NC			10.00		63	35	50	35	5	21	29.82	29.91	19	OVC	110			10.00		58	44	51	60	9	13	30.16	30.25
22	SCT	NC			10.00		57	39	48	51	8	23	29.80	29.89	22	OVC	100			10.00		55	46	50	72	6	13	30.18	30.27
SUNRISE: 0525						APR 15		SUNSET: 1841						SUNRISE: 0516						APR 21		SUNSET: 1847							
01	FEW	NC			10.00		51	41	46	69	5	34	29.79	29.88	01	OVC	085			10.00		55	48	51	77	7	14	30.18	30.27
04	BKN	085			10.00		52	35	44	53	0	00	29.81	29.90	04	OVC	085			10.00		55	49	52	80	0	00	30.17	30.26
07	CLR	NC			10.00		52	41	47	66	5	03	29.82	29.91	07	SCT	NC			9.00		54	52	53	93	3	13	30.23	30.32
10	CLR	NC			10.00		61	38	50	43	9	07	29.79	29.88	10	CLR	NC			10.00		64	51	57	63	8	13	30.25	30.33
13	SCT	NC			10.00		65	40	52	40	10	15	29.72	29.81	13	BKN	065			10.00		67	51	58	57	9	15	30.23	30.32
16	BKN	075			10.00	-RA	58	40	49	51	13	17	29.64	29.72	16	BKN	100			10.00	-RA	66	55	60	68	7	17	30.20	30.29
19	OVC	060			8.00	RA	50	47	48	89	12	09	29.61	29.70	19	SCT	NC			10.00		61	53	57	75	3	13	30.17	30.26
22	OVC	050			7.00	-RA	46	45	46	96	6	10	29.59	29.67	22	OVC	095			10.00		58	54	56	87	0	00	30.19	30.28
SUNRISE: 0523						APR 16		SUNSET: 1842						SUNRISE: 0515						APR 22		SUNSET: 1848							
01	OVC	048			10.00	-RA	47	46	46	97	10	05	29.57	29.65	01	OVC	095			8.00		58	55	56	90	3	15	30.17	30.26
04	OVC	019			8.00	-RA	47	46	46	97	13	03	29.57	29.66	04	OVC	085			10.00		64	56	59	75	9	22	30.15	30.24
07	OVC	026			7.00	-RA	46	45	46	96	8	02	29.65	29.73	07	FEW	NC			10.00		64	56	59	75	6	22	30.18	30.27
10	OVC	065			10.00	-RA	48	43	46	83	9	36	29.71	29.80	10	CLR	NC			10.00		72	58	64	61	13	21	30.18	30.27
13	BKN	035			10.00		53	41	47	64	6	32	29.72	29.81	13	CLR	NC			10.00		81	60	68	49	15	22	30.14	30.23
16	OVC	060			10.00		53	43	48	69	14	27	29.70	29.79	16	CLR	NC			10.00		82	60	68	47	13	26	30.10	30.18
19	OVC	030			10.00		50	44	47	80	12	27	29.72	29.81	19	OVC	110			10.00		79	60	67	52	7	26	30.11	30.19
22	CLR	NC			8.00		46	45	46	96	0	00	29.72	29.80	22	CLR	NC			10.00		70	60	64	71	6	22	30.13	30.22
SUNRISE: 0522						APR 17		SUNSET: 1843						SUNRISE: 0513						APR 23		SUNSET: 1849							
01	OVC	028			10.00	-RA	41	38	40	89	20	29	29.76	29.84	01	CLR	NC			9.00		64	60	62	87	3	18	30.12	30.21
04	OVC	090			10.00		42	36	39	79	13	27	29.74	29.83	04	CLR	NC			7.00		61	60	60	97	0	00	30.10	30.19
07	FEW	NC			10.00		41	31	37	67	10	27	29.75	29.83	07	CLR	NC			5.00	BR	64	62	63	93	0	00	30.12	30.21
10	BKN	040			10.00		45	31	39	58	12	25	29.73	29.82	10	FEW	NC			9.00		76	65	69	69	5	VR	30.10	30.19
13	SCT	NC			10.00		50	31	42	48	17	29	29.67	29.75	13	CLR	NC			10.00		82	64	70	55	15	15	30.03	30.12
16	CLR	NC			10.00		49	31	41	50	16	29	29.67	29.76	16	CLR	NC			10.00		79	62	68	56	15	16	29.96	30.05
19	SCT	NC			10.00		43	33	39	68	14	31	29.66		19	CLR	NC			10.00		75	59	65	58	9	18	29.93	30.02
22	OVC	039			10.00		38	36	37	93	13	28	29.64	29.73	22	CLR	NC			10.00		67	60	63	79	10	15	29.91	30.00
SUNRISE: 0521						APR 18		SUNSET: 1844						SUNRISE: 0512						APR 24		SUNSET: 1850							
01	OVC	013			10.00	-RA	36	35	36	97	15	30	29.62	29.71	01	CLR	NC			10.00		62	59	60	90	6	15	29.86	29.95
04	OVC	060			10.00	-RA	37	34	36	89	18	30	29.64	29.73	04	CLR	NC			10.00		59	58	58	96	6	14	29.82	29.91
07	OVC	028			10.00		35	31	33	85	13	30	29.72	29.81	07	CLR	NC			10.00		68	58	62	70	12	22	29.83	29.92
10	OVC	090			10.00		42	21	34	43	21	32	29.79	29.88	10	CLR	NC			10.00		75	60	66	60	12	21	29.82	29.91
13	CLR	NC			10.00		49	24	39	38	21	28	29.83	29.92	13	CLR	NC			10.00		82	60	68	47	15	21	29.76	29.85
16	BKN	075			10.00		48	21	38	34	22	29	29.86	29.95	16	BKN	065			10.00		72	52	61	50	23	29	29.80	29.89
19	BKN	095			10.00		43	21	35	42	10	30	29.94	30.03	19	OVC	110			10.00		59	51	55	75	10	27	29.89	29.97
22	CLR	NC			10.00		37	23	32	57	7	30	30.01	30.10	22	CLR	NC			10.00		56	38	47	51	16	31	29.98	30.07

WILMINGTON, DE

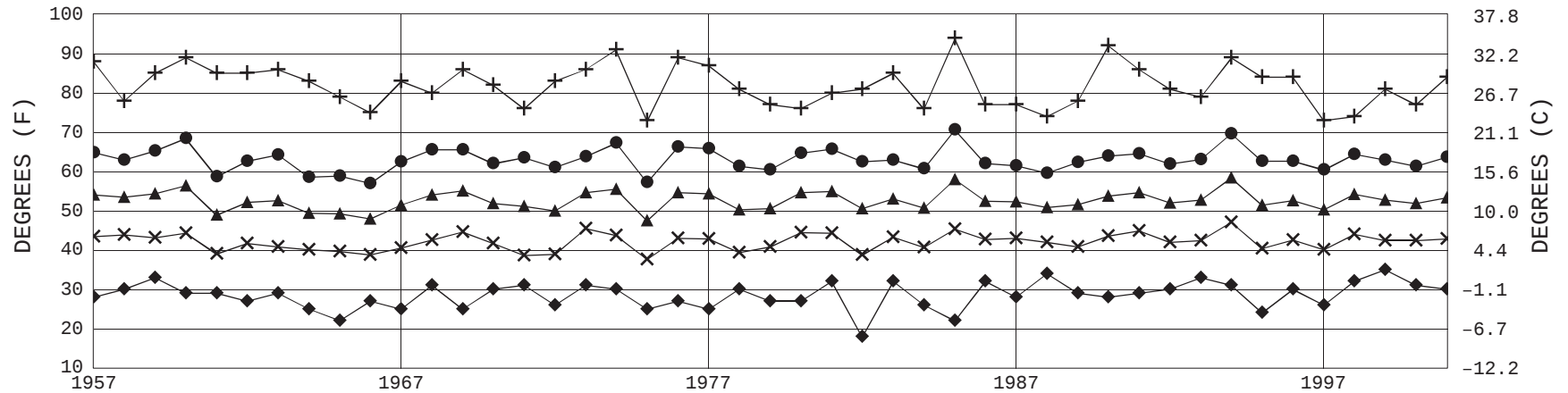
APRIL 2001

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)	
	Sky Cover	Ceiling 100'S OFFT	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 OFFT	Observation Time (LST)	Eff CLD AMT Oktas	Visibility (Miles)		Dry Bulb	Dew Point	Wet Bulb		Speed (MPH)	Direction TENS OF DEG	Station	Sea Level
01	CLR	NC			10.00		52	34	44	50	15	32	30.01	30.10															
04	CLR	NC			10.00		49	31	41	50	15	34	30.07	30.16															
07	CLR	NC			10.00		46	30	39	54	16	35	30.12	30.21															
10	CLR	NC			10.00		48	32	41	54	13	01	30.17	30.25															
13	BKN	050			10.00		52	32	43	47	9	06	30.15	30.24															
16	CLR	NC			10.00		55	33	45	44	8	03	30.13	30.22															
19	CLR	NC			10.00		51	30	42	45	6	01	30.15	30.24															
22	CLR	NC			10.00		49	33	42	55	0	00	30.17	30.25															
3-Hourly Observation Notes																													
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. Ceiling is reported in hundreds of feet above ground level for clouds at or below 12,000 feet. NC= No ceiling detected. & = Original observation contained additional weather elements. See page 3 for additional notes.																													
Summary by Hour																													
Hour (LST)	Ceilometer	Eff CLD AMT	Dry Bulb	Dew Point	Wet Bulb	Relative Humidity	Pressure (Inches,Hg)		Visibility (Miles)	Wind Speed (MPH)	Resultant Wind (MPH)																		
							Station	Sea Level			Speed	Direction																	
01			48	42	45	82	29.98	30.07	8.80	6	2	32																	
02			48	41	45	81	29.98	30.07	8.85	7	2	34																	
03			47	41	44	81	29.98	30.06	8.73	6	3	35																	
04			47	41	44	82	29.98	30.07	8.29	6	3	33																	
05			46	40	44	82	29.99	30.08	8.62	5	2	33																	
06			46	40	44	82	30.01	30.10	7.95	6	3	34																	
07			48	41	45	79	30.02	30.11	8.01	6	3	34																	
08			51	41	47	71	30.03	30.12	8.25	9	3	33																	
09			54	41	48	65	30.03	30.12	8.55	9	4	33																	
10			55	40	48	60	30.03	30.12	8.88	10	2	33																	
11			57	40	49	57	30.02	30.11	8.98	10	2	33																	
12			59	41	50	55	30.01	30.10	9.00	9	2	34																	
13			61	41	51	52	29.99	30.08	9.23	11	2	27																	
14			62	41	52	50	29.98	30.06	9.18	11	3	27																	
15			61	41	51	52	29.96	30.05	9.37	12	3	25																	
16			61	41	51	52	29.96	30.05	9.57	12	3	25																	
17			60	41	51	54	29.96	30.05	9.67	11	2	25																	
18			58	41	50	58	29.96	30.05	8.90	10	2	23																	
19			56	42	49	63	29.97	30.06	9.28	8	1	18																	
20			54	42	49	67	29.99	30.07	8.95	9	2	21																	
21			53	43	48	72	30.00	30.09	9.12	7	2	18																	
22			51	43	48	75	29.99	30.08	9.02	7	0	0																	
23			50	43	47	78	30.00	30.08	8.90	5	0	0																	
24			49	43	46	80	30.00	30.09	8.60	6	1	31																	

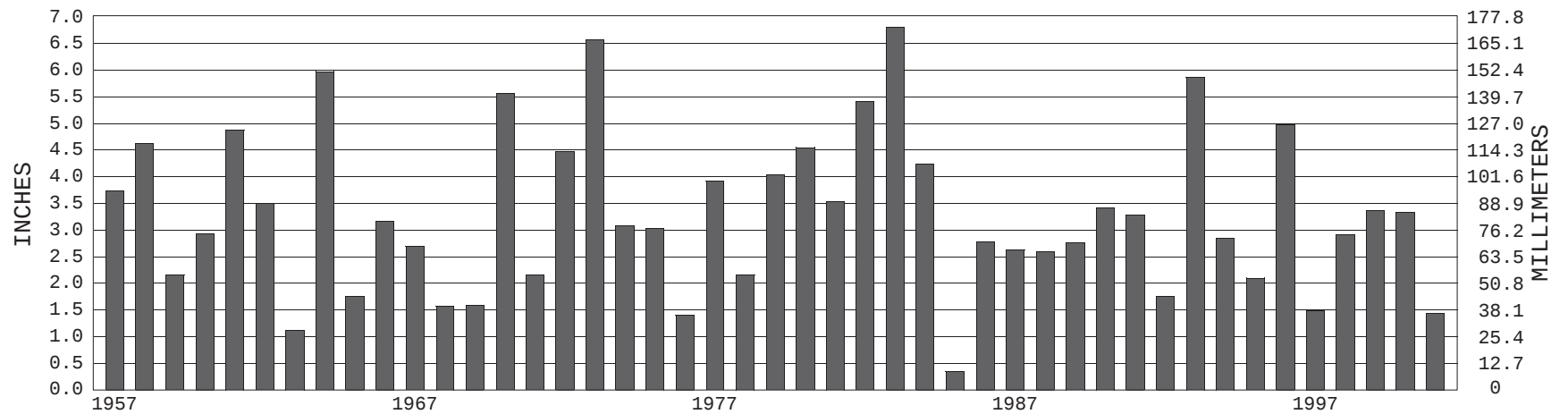
WILMINGTON, DE APRIL TEMPERATURES



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

Long-Term (1957-2001) Mean: 52.6 1961-1990 Normal: 52.2

WILMINGTON, DE APRIL PRECIPITATION



Long-Term (1957-2001) Mean Monthly Total: 3.30

1961-1990 Normal: 3.39



APRIL 2001
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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