



APRIL 2002

LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

WILMINGTON, DE

NEW CASTLE COUNTY AP (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	59	39	49	1	38	45	16	0	RA BR			0.0	0.03	29.80	29.89	11.3	29	11.9	37	29	31	29	01		
02	61	37	49	1	40	46	16	0				0.0	0.00	29.95	30.04	9.7	15	11.3	26	15	22	15	02		
03	76	39	58	10	47	52	7	0	RA			0.0	T	29.83	29.92	10.6	26	16.3	47*	29	39*	31	03		
04	51	34	43	-6	25	36	22	0				0.0	0.00	30.17	30.25	10.2	31	10.5	24	30	20	30	04		
05	46	30	38	-11	21	32	27	0				0.0	0.00	30.16	30.24	7.0	33	8.3	23	26	18	27	05		
06	47	32	40	-9	26	34	25	0	SN BR			T	T	30.15	30.24	11.6	31	11.8	26	29	22	29	06		
07	48	26*	37*	-12	23	33	28	0				0.0	0.00	30.34	30.42	4.2	15	8.3	23	15	20	15	07		
08	66	39	53	3	43	47	12	0				0.0	0.00	30.23	30.31	11.5	16	12.2	23	14	20	16	08		
09	76	53	65	15	57	60	0	0	RA BR			0.0	0.08	30.08	30.16	14.1	20	14.6	35	19	28	21	09		
10	66	48	57	7	42	50	8	0	RA BR			0.0	0.01	30.29	30.37	6.3	34	9.0	25	33	20	01	10		
11	65	40	53	2	39	46	12	0	BR			0.0	0.00	30.47	30.56	7.5	09	9.8	23	13	17	11	11		
12	55	43	49	-2	50	50	16	0	RA FG+ BR			0.0	0.17	30.34	30.43	5.1	07	6.4	15	03	13	04	12		
13	72	53	63	12	57	60	2	0	RA FG+ BR			0.0	T	30.12	30.21	6.3	18	7.2	23	21	20	19	13		
14	75	59	67	15	60	63	0	2	TS RA VCTS			0.0	T	29.97	30.06	6.7	15	7.7	20	15	17	15	14		
15	81	62	72	20	59	64	0	7	RA			0.0	T	29.91	30.00	7.8	24	8.6	23	22	18	23	15		
16	89	63	76	24	62	67	0	11	TS RA			0.0	0.02	30.01	30.10	3.9	23	5.7	16	30	14	29	16		
17	92*	60	76	23	60	67	0	11	BR HZ			0.0	0.00	29.96	30.04	4.4	26	5.9	23	30	18	30	17		
18	87	65	76*	23	60	66	0	11				0.0	0.00	29.96	30.04	2.8	21	6.4	22	24	17	24	18		
19	85	59	72	19	62	65	0	7	TS TSRA BR			0.0	0.19	29.85	29.93	3.1	20	5.0	38	30	33	31	19		
20	78	55	67	13	57	61	0	2				0.0	0.00	29.77	29.86	4.7	36	7.4	21	36	17	35	20		
21	57	45	51	-3	39	45	14	0	RA			0.0	0.07	29.91	29.99	7.3	01	7.8	22	01	21	01	21		
22	63	43	53	-2	28	41	12	0	RA BR HZ			0.0	0.19	29.74	29.82	7.6	32	13.8	38	28	29	30	22		
23	56	40	48	-7	27	39	17	0				0.0	0.00	30.02	30.11	11.0	31	11.9	29	32	22	32	23		
24	59	34	47	-9	30	41	18	0				0.0	0.00	30.16	30.25	3.8	12	8.9	28	16	23	16	24		
25	59	42	51	-5	40	46	14	0	RA BR			0.0	0.29	29.94	30.03	3.1	21	11.6	35	29	28	28	25		
26	63	36	50	-6	30	42	15	0				0.0	0.00	30.10	30.19	7.1	27	8.1	29	24	22	25	26		
27	61	41	51	-6	37	45	14	0	RA BR			0.0	0.14	30.24	30.32	4.5	09	9.2	18	15	16	15	27		
28	70	49	60	3	59	60	5	0	RA BR			0.0	0.97	29.64	29.72	8.4	19	11.3	24	20	20	20	28		
29	64	45	55	-2	39	46	10	0				0.0	0.00	29.66	29.74	18.5	28	18.7	37	30	31	29	29		
30	64	37	51	-7	41	46	14	0	RA BR			0.0	0.10	29.81	29.89	7.3	23	9.4	30	20	24	21	30		
< MONTHLY AVERAGES											TOTALS-->					<-- MONTHLY AVERAGES									
3.8											2.8					3.3									
DEGREE DAYS											GREATEST 24-HR PRECIPITATION: 1.11 DATE :27-28					SEA LEVEL PRESSURE DATE TIME									
MONTHLY TOTAL DEPARTURE											GREATEST 24-HR SNOWFALL: T DATE :06					MAXIMUM : 30.61 11 0951									
SEASON TO DATE TOTAL DEPARTURE											GREATEST SNOW DEPTH:					MINIMUM : 29.49 28 1851									
HEATING: 324 -60 3959 -856											NUMBER OF DAYS WITH =>					MAXIMUM TEMP ≥ 90: 1									
COOLING: 51 42 51 40																MINIMUM TEMP ≤ 32: 3									
																PRECIPITATION ≥ 0.01 INCH : 12									
																PRECIPITATION ≥ 0.10 INCH : 7									
																THUNDERSTORMS : 3									
																HEAVY FOG : 2									
																SNOWFALL ≥ 1.0 INCH : 0									

APRIL 2002 WILMINGTON, DE

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

WILMINGTON, DE

APRIL 2002 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	0.02	0.01											01												01		0.03			
02													02												02		0.00			
03													03			T	T	T							03		T			
04													04												04		0.00			
05													05												05		0.00			
06	T	T	T	T									06												06		T			
07													07												07		0.00			
08													08												08		0.00			
09													09			T	T	0.01	0.02	T	0.01	T	0.01	0.03	09		0.08			
10	0.01												10												10		0.01			
11													11												11		0.00			
12										0.01	0.08	0.07	T	12										T	0.01	12	0.17			
13													13											T	13		T			
14		T	T	T									14											T	14		T			
15													15											T	15		T			
16					T	0.02							16												16		0.02			
17													17												17		0.00			
18													18												18		0.00			
19													19				0.15								19	0.15	0.19			
20													20												20		0.00			
21													21	T	0.02	0.01	0.04	T						T	21		0.07			
22	0.11	0.01			T	T	0.03	0.02	T	0.01	0.01		22											T	22		0.19			
23													23												23		0.00			
24													24												24		0.00			
25							T	0.02	0.10	0.04	0.05	0.02	25	0.05	0.01	T									25		0.29			
26													26												26		0.00			
27													27												27		0.14			
28	0.13	0.16	0.22	0.12	0.06	0.13	0.04	0.03	0.06	0.03	T	0.01	28	T										T	0.01	0.02	0.09	0.12	0.14	
29													29												T	0.01	0.02	0.09	0.99	0.97
30													30				T	0.01	0.04	0.01	T	T	0.02	0.01	30	0.09	0.00	0.10		

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 1971–2000

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	SQ Squalls
PR Partial	RA Rain	PY Spray	SS Sandstorm
SH Shower(s)	SG Snow Grains	SA Sand	GL Glaze
TS Thunderstorm	SN Snow	VA Volcanic Ash	
VC In the Vicinity	UP Unknown Precipitation		

Intensity (as indicated on pages 4 to 6):
'+' = Heavy ' ' = Moderate '-' = Light

WILMINGTON, DE APRIL 2002

Ceilorometer (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							4.00	10.00	
02							10.00	10.00	
03							10.00	10.00	
04							10.00	10.00	
05							10.00	10.00	
06							2.00	10.00	
07							10.00	10.00	
08							10.00	10.00	
09							5.00	10.00	
10							5.00	10.00	
11							5.00	10.00	
12							.25	10.00	
13							.13	10.00	
14							7.00	10.00	
15							10.00	10.00	
16							8.00	10.00	
17							6.00	10.00	
18							10.00	10.00	
19							1.00	10.00	
20							8.00	10.00	
21							10.00	10.00	
22							1.50	10.00	
23							10.00	10.00	
24							10.00	10.00	
25							1.75	10.00	
26							10.00	10.00	
27							5.00	10.00	
28							3.00	10.00	
29							10.00	10.00	
30							5.00	10.00	
MONTHLY AVGS							6.68	10.00	
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 2 7 16									

OBSERVATIONS AT 3-HOURLY INTERVALS

WILMINGTON, DE

APRIL 2002

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		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	OBSERVATION TIME (LST)	EFF CLD AMT Oktas	VISIBILITY (MILES)	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION TENS OF DEG
SUNRISE: 0547				APR 01				SUNSET: 1826				SUNRISE: 0537				APR 07				SUNSET: 1832							
01	OVC	018		4.00	-RA BR	48	48	48	100	6	35	29.73	29.81	01	CLR	NC		10.00	30	25	28	82	7	32	30.31	30.40	
04	OVC	035		8.00		47	47	47	100	8	30	29.67	29.75	04	CLR	NC		10.00	31	25	29	79	3	29	30.33	30.42	
07	BKN	048		4.00	BR	47	46	46	97	9	27	29.72	29.81	07	CLR	NC		10.00	30	26	29	85	3	31	30.38	30.47	
10	OVC	026		10.00		52	45	48	77	14	29	29.76	29.85	10	CLR	NC		10.00	39	11	30	31	3	VR	30.38	30.47	
13	SCT	NC		10.00		58	32	46	38	26	29	29.78	29.87	13	FEW	NC		10.00	44	17	34	34	8	13	30.36	30.45	
16	CLR	NC		10.00		57	30	45	36	21	29	29.80	29.89	16	CLR	NC		10.00	48	23	38	37	3	VR	30.31	30.40	
19	CLR	NC		10.00		50	30	41	46	9	29	29.88	29.97	19	CLR	NC		10.00	43	31	38	63	15	16	30.29	30.38	
22	CLR	NC		10.00		46	30	39	54	5	23	29.97	30.06	22	CLR	NC		10.00	40	29	36	65	10	18	30.30	30.40	
SUNRISE: 0545				APR 02				SUNSET: 1827				SUNRISE: 0536				APR 08				SUNSET: 1833							
01	CLR	NC		10.00		41	31	37	67	0	00	29.99	30.08	01	CLR	NC		10.00	40	32	37	73	9	17	30.30	30.38	
04	FEW	NC		10.00		42	28	36	58	3	32	30.00	30.09	04	CLR	NC		10.00	40	34	37	79	10	16	30.29	30.37	
07	FEW	NC		10.00		43	31	38	63	0	00	30.07	30.15	07	CLR	NC		10.00	44	37	41	76	14	17	30.29	30.38	
10	CLR	NC		10.00		52	35	44	53	10	14	30.07	30.16	10	CLR	NC		10.00	53	39	46	59	16	21	30.31	30.40	
13	CLR	NC		10.00		58	39	49	50	20	15	29.97	30.06	13	CLR	NC		10.00	62	45	53	54	15	15	30.21	30.30	
16	CLR	NC		10.00		59	46	52	62	20	15	29.89	29.98	16	CLR	NC		10.00	63	48	55	58	13	15	30.14	30.23	
19	CLR	NC		10.00		55	48	51	77	12	15	29.85	29.94	19	CLR	NC		10.00	56	48	52	75	10	14	30.14	30.23	
22	CLR	NC		10.00		54	51	52	90	13	16	29.83	29.92	22	CLR	NC		10.00	55	49	52	80	12	15	30.16	30.24	
SUNRISE: 0544				APR 03				SUNSET: 1828				SUNRISE: 0534				APR 09				SUNSET: 1834							
01	CLR	NC		10.00		62	55	58	78	14	19	29.78	29.87	01	CLR	NC		10.00	56	50	53	81	7	18	30.13	30.22	
04	CLR	NC		10.00		60	56	58	86	14	21	29.75	29.83	04	CLR	NC		10.00	59	52	55	78	12	19	30.10	30.19	
07	CLR	NC		10.00		60	56	58	86	13	20	29.75	29.83	07	FEW	NC		10.00	61	53	57	75	15	18	30.10	30.19	
10	CLR	NC		10.00		70	58	63	66	21	23	29.74	29.83	10	BKN	090		10.00	68	55	61	63	22	21	30.09	30.18	
13	FEW	NC		10.00		75	56	64	52	13	22	29.70	29.79	13	BKN	055		10.00	74	57	64	56	23	20	30.05	30.13	
16	BKN	050		10.00		50	41	46	71	32	31	29.81	29.90	16	BKN	095		10.00	-RA	70	59	63	68	17	21	30.04	30.12
19	OVC	110		10.00		47	33	41	59	18	31	29.94	30.02	19	OVC	065		10.00	-RA	63	61	62	93	9	20	30.06	30.15
22	CLR	NC		10.00		43	27	37	53	10	31	30.05	30.14	22	OVC	065		6.00	-RA BR	63	61	62	93	13	22	30.07	30.16
SUNRISE: 0542				APR 04				SUNSET: 1829				SUNRISE: 0533				APR 10				SUNSET: 1835							
01	CLR	NC		10.00		39	25	34	57	13	30	30.10	30.19	01	OVC	095		5.00	BR	61	60	60	97	5	27	30.08	30.17
04	CLR	NC		10.00		36	24	32	62	8	31	30.13	30.22	04	CLR	NC		10.00	55	50	52	83	14	30	30.15	30.24	
07	CLR	NC		10.00		38	25	33	60	12	32	30.19	30.28	07	FEW	NC		10.00	52	42	47	69	12	34	30.26	30.35	
10	CLR	NC		10.00		44	24	36	45	15	29	30.21	30.29	10	CLR	NC		10.00	56	39	48	53	12	01	30.33	30.42	
13	CLR	NC		10.00		48	24	39	39	13	31	30.17	30.26	13	CLR	NC		10.00	62	36	50	38	14	36	30.33	30.42	
16	CLR	NC		10.00		50	27	41	41	10	30	30.14	30.22	16	CLR	NC		10.00	66	35	51	32	7	VR	30.30	30.39	
19	CLR	NC		10.00		44	25	37	47	6	33	30.15	30.24	19	CLR	NC		10.00	59	35	48	41	6	35	30.33	30.42	
22	CLR	NC		10.00		41	27	36	57	6	30	30.17	30.26	22	CLR	NC		10.00	50	47	48	89	7	16	30.40	30.48	
SUNRISE: 0541				APR 05				SUNSET: 1830				SUNRISE: 0531				APR 11				SUNSET: 1836							
01	CLR	NC		10.00		38	22	32	53	12	03	30.21	30.29	01	CLR	NC		7.00		45	44	45	97	5	34	30.41	30.50
04	CLR	NC		10.00		34	21	29	59	9	36	30.22	30.31	04	CLR	NC		7.00		43	42	43	97	3	34	30.41	30.50
07	BKN	065		10.00		35	22	30	59	3	35	30.23	30.32	07	CLR	NC		5.00	BR	47	45	46	93	6	36	30.48	30.57
10	SCT	NC		10.00		40	20	33	45	9	34	30.21	30.30	10	CLR	NC		10.00		58	38	48	48	13	07	30.52	30.61
13	BKN	055		10.00		44	22	36	41	10	29	30.15	30.24	13	CLR	NC		10.00		64	39	52	40	14	11	30.50	30.59
16	SCT	NC		10.00		42	20	34	41	13	30	30.09	30.18	16	CLR	NC		10.00		63	36	50	37	13	12	30.46	30.55
19	CLR	NC		10.00		38	19	31	47	7	01	30.07	30.16	19	CLR	NC		10.00		55	32	45	42	14	10	30.46	30.55
22	OVC	055		10.00		38	23	32	55	5	32	30.09	30.18	22	CLR	NC		10.00		48	34	42	58	10	08	30.49	30.58
SUNRISE: 0539				APR 06				SUNSET: 1831				SUNRISE: 0530				APR 12				SUNSET: 1837							
01	OVC	007		2.50	-SN BR	33	33	33	100	8	30	30.08	30.16	01	OVC	012		10.00		45	41	43	86	10	07	30.46	30.55
04	OVC	045		6.00	BR	33	32	33	96	8	31	30.05	30.14	04	OVC	008		10.00		45	43	44	93	10	05	30.40	30.49
07	OVC	090		9.00		35	31	33	85	9	32	30.11	30.20	07	OVC	008		7.00		47	45	46	93	9	05	30.42	30.50
10	BKN	037		10.00		39	25	34	57	16	32	30.14	30.23	10	OVC	006		1.50	-RA BR	49	49	49	100	9	05	30.39	30.48
13	BKN	060		10.00		45	22	36	40	18	30	30.15	30.24	13	OVC	004		1.50	BR	52	52	52	100	6	03	30.35	30.44
16	BKN	075		10.00		45	20	36	37	13	30	30.14	30.23	16	OVC	002		1.50	BR	55	54	54	96	3	06	30.30	30.38
19	CLR	NC		10.00		40	22	33	49	14	30	30.20	30.29	19	VV	001		0.25	FG	55	55	55	100	0	00	30.25	30.34
22	CLR	NC		10.00		35	26	32	70	9	30	30.26	30.35	22	OVC	005		8.00		55	55	55	100	3	16	30.24	30.33

OBSERVATIONS AT 3-HOURLY INTERVALS

WILMINGTON, DE

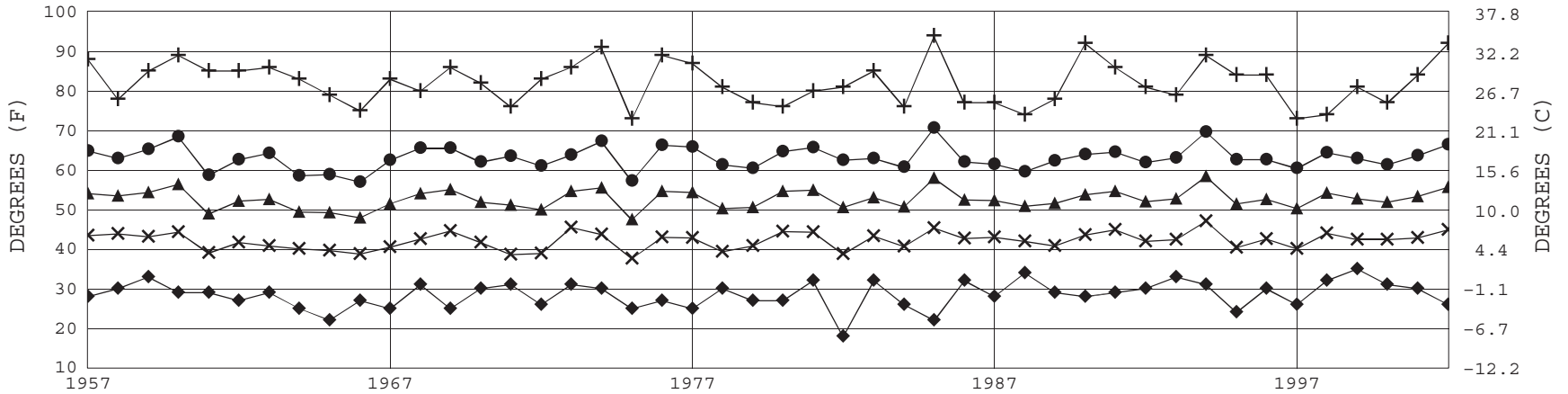
APRIL 2002

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		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
SUNRISE: 0528				APR 13				SUNSET: 1838				SUNRISE: 0519				APR 19				SUNSET: 1844							
01	BKN	110		2.50	BR	53	53	53	100	0	00	30.23	30.32	01	CLR	NC		10.00	64	59	61	84	6	19	29.91	30.00	
04	VV	001		0.50	FG	54	54	54	100	7	15	30.18	30.27	04	CLR	NC		10.00	62	58	60	86	3	18	29.90	29.98	
07	OVC	044		2.50	BR	56	56	56	100	0	00	30.19	30.28	07	CLR	NC		7.00	65	61	63	87	0	00	29.90	29.99	
10	BKN	050		10.00		66	61	63	84	7	14	30.18	30.26	10	SCT	NC		9.00	73	64	67	74	6	16	29.89	29.98	
13	BKN	070		10.00		71	59	64	66	12	21	30.12	30.21	13	FEW	NC		10.00	82	65	71	56	10	21	29.82	29.90	
16	FEW	NC		10.00		71	56	62	59	13	19	30.05	30.14	16	CLR	NC		10.00	81	65	71	58	12	20	29.76	29.85	
19	BKN	110		10.00	-RA	68	58	62	70	9	16	30.03	30.11	19	CLR	NC		10.00	67	63	64	87	0	00	29.79	29.88	
22	OVC	085		10.00		63	58	60	84	5	19	30.05	30.14	22	CLR	NC		9.00	64	62	63	93	5	03	29.81	29.90	
SUNRISE: 0527				APR 14				SUNSET: 1839				SUNRISE: 0518				APR 20				SUNSET: 1845							
01	BKN	065		10.00		63	59	61	87	5	24	30.05	30.14	01	CLR	NC		9.00	65	62	63	90	6	25	29.78	29.86	
04	OVC	055		10.00		60	59	59	96	0	00	30.03	30.12	04	CLR	NC		8.00	63	62	62	97	5	29	29.74	29.83	
07	FEW	NC		8.00		62	60	61	93	3	17	30.06	30.14	07	FEW	NC		10.00	67	62	64	84	5	36	29.75	29.83	
10	BKN	085		10.00		67	61	63	81	5	16	30.05	30.14	10	CLR	NC		10.00	71	62	65	73	5	26	29.77	29.86	
13	FEW	NC		10.00		72	60	65	66	9	13	29.98	30.07	13	SCT	NC		10.00	75	59	65	58	7	04	29.73	29.82	
16	CLR	NC		10.00		72	62	66	71	12	15	29.90	29.99	16	SCT	NC		10.00	70	54	61	57	10	07	29.72	29.80	
19	FEW	NC		10.00		69	58	62	68	10	14	29.88	29.96	19	OVC	045		10.00	62	51	56	67	14	01	29.76	29.85	
22	CLR	NC		10.00		63	59	61	87	14	15	29.86	29.95	22	BKN	047		10.00	60	49	54	67	12	02	29.84	29.93	
SUNRISE: 0525				APR 15				SUNSET: 1840				SUNRISE: 0517				APR 21				SUNSET: 1846							
01	OVC	070		10.00		64	60	62	87	6	15	29.85	29.93	01	OVC	050		10.00	56	46	51	70	8	36	29.85	29.93	
04	SCT	NC		10.00		64	59	61	84	8	22	29.86	29.94	04	OVC	043		10.00	52	43	48	72	8	01	29.87	29.96	
07	CLR	NC		10.00		64	59	61	84	6	22	29.90	29.99	07	OVC	040		10.00	52	39	46	61	7	35	29.94	30.03	
10	CLR	NC		10.00		73	60	65	64	12	27	29.94	30.03	10	OVC	060		10.00	54	33	45	45	7	35	29.93	30.02	
13	BKN	050		10.00		79	59	67	50	10	25	29.91	30.00	13	OVC	050		10.00	-RA	51	37	45	59	6	35	29.94	30.03
16	FEW	NC		10.00		80	58	66	47	10	25	29.88	29.97	16	OVC	050		10.00	-RA	45	41	43	86	6	36	29.92	30.01
19	FEW	NC		10.00		76	58	65	54	5	19	29.91	30.00	19	OVC	044		10.00	45	42	44	90	7	35	29.90	29.98	
22	CLR	NC		10.00		71	60	64	68	6	22	29.97	30.05	22	OVC	030		10.00	45	39	42	80	8	03	29.88	29.97	
SUNRISE: 0524				APR 16				SUNSET: 1841				SUNRISE: 0515				APR 22				SUNSET: 1847							
01	CLR	NC		10.00		66	60	62	81	3	18	29.97	30.06	01	OVC	018		6.00	RA	44	36	41	73	15	09	29.79	29.88
04	SCT	NC		10.00		65	61	63	87	6	27	29.98	30.07	04	OVC	007		10.00	45	32	39	61	10	05	29.75	29.83	
07	OVC	060		8.00		65	62	63	90	0	00	30.04	30.13	07	OVC	007		7.00	-RA	46	31	40	56	9	08	29.70	29.79
10	FEW	NC		10.00		77	64	69	64	9	23	30.06	30.15	10	OVC	005		1.50	HZ	48	27	39	44	0	00	29.69	29.78
13	FEW	NC		10.00		86	63	71	46	7	27	30.02	30.10	13	BKN	024		10.00	57	24	43	28	10	32	29.65	29.74	
16	CLR	NC		10.00		87	60	70	40	5	VR	29.98	30.06	16	FEW	NC		10.00	60	22	44	23	21	31	29.65	29.74	
19	CLR	NC		10.00		74	62	67	67	8	15	29.99	30.08	19	OVC	080		10.00	54	26	42	34	20	30	29.75	29.84	
22	CLR	NC		10.00		67	61	63	81	3	16	30.01	30.10	22	BKN	090		10.00	48	32	41	54	21	30	29.86	29.95	
SUNRISE: 0522				APR 17				SUNSET: 1842				SUNRISE: 0514				APR 23				SUNSET: 1848							
01	CLR	NC		10.00		69	61	64	76	0	00	30.00	30.09	01	OVC	043		10.00	45	30	39	56	14	31	29.90	29.99	
04	CLR	NC		9.00		65	60	62	84	0	00	29.98	30.06	04	OVC	055		10.00	41	23	34	49	12	32	29.95	30.04	
07	CLR	NC		6.00	HZ	67	62	64	84	0	00	30.01	30.10	07	CLR	NC		10.00	42	25	35	51	17	32	30.01	30.10	
10	FEW	NC		10.00		83	63	70	51	3	VR	30.01	30.09	10	BKN	050		10.00	46	26	38	46	16	28	30.04	30.12	
13	CLR	NC		10.00		92	57	70	31	15	30	29.95	30.03	13	BKN	060		10.00	53	29	43	40	16	30	30.03	30.11	
16	CLR	NC		10.00		91	57	69	32	12	27	29.89	29.98	16	BKN	070		10.00	54	26	42	34	16	29	30.01	30.10	
19	CLR	NC		10.00		79	61	68	54	7	14	29.89	29.98	19	CLR	NC		10.00	50	27	40	41	8	28	30.05	30.14	
22	CLR	NC		10.00		79	59	67	50	10	24	29.94	30.02	22	CLR	NC		10.00	46	30	39	54	0	00	30.08	30.17	
SUNRISE: 0521				APR 18				SUNSET: 1843				SUNRISE: 0512				APR 24				SUNSET: 1849							
01	CLR	NC		10.00		73	58	64	59	0	00	29.93	30.02	01	CLR	NC		10.00	40	32	37	73	6	02	30.12	30.20	
04	CLR	NC		10.00		71	58	63	63	5	31	29.95	30.03	04	CLR	NC		10.00	38	28	34	68	5	31	30.15	30.24	
07	CLR	NC		10.00		73	61	66	66	7	32	30.01	30.09	07	CLR	NC		10.00	43	28	37	56	6	29	30.22	30.31	
10	CLR	NC		10.00		86	62	71	45	5	01	30.01	30.10	10	CLR	NC		10.00	54	25	42	33	8	03	30.23	30.31	
13	FEW	NC		10.00		87	63	71	45	13	15	29.97	30.05	13	CLR	NC		10.00	56	26	43	32	7	VR	30.17	30.25	
16	CLR	NC		10.00		82	62	69	51	7	19	29.93	30.01	16	CLR	NC		10.00	59	27	45	29	8	17	30.11	30.20	
19	CLR	NC		10.00		75	61	66	62	12	24	29.96	30.05	19	CLR	NC		10.00	54	38	46	55	17	16	30.11	30.20	
22	CLR	NC		10.00		69	57	62	66	0	00	29.92	30.01	22	CLR	NC		10.00	49	39	44	69	14	13	30.15	30.24	

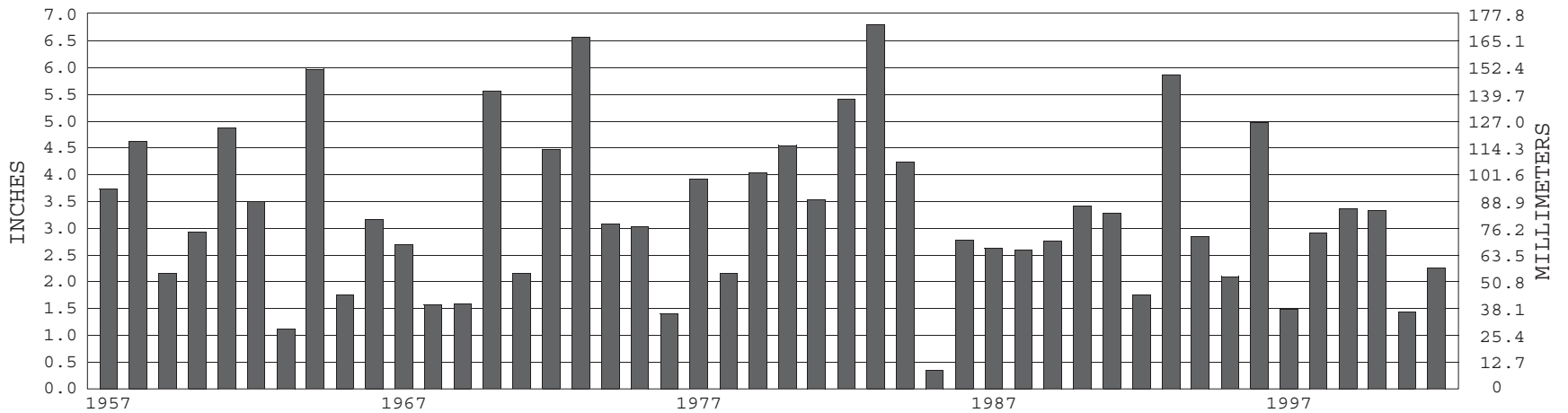
WILMINGTON, DE APRIL TEMPERATURES



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

Long-Term (1957-2002) Mean: 52.7 1961-1990 Normal: 52.4

WILMINGTON, DE APRIL PRECIPITATION



Long-Term (1957-2002) Mean Monthly Total: 3.28

1961-1990 Normal: 3.39



APRIL 2002

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

NCDC now offers an annual online subscription for the **Edited Local Climatological Data Publication**. When you purchase this subscription service, you will have **immediate online access** to all previous publications back to July 1996 and all publications thereafter until the expiration of the subscription. Your subscription is valid for one year after purchase. **The total cost is \$29 for online delivery (including back issues) compared to \$34 for offline delivery.** To order this and other subscriptions on-line with your credit card, go to: www.ncdc.noaa.gov and choose subscriptions.

We welcome your questions or comments, please contact us at
Toll Free Number (866) 742–3322 (voice)
Fax Number :(304) 726–4409
TDD : 828–271–4010
or Email : ncdc.info@noaa.gov
Local Climatological Data is available at www.ncdc.noaa.gov

For address correction, please return a photocopy of this page to Subscription Services indicating changes

NCDC Subscription Services Center
310 State Route 956 Building 300
Rocket Center, WV 26726

OFFICIAL BUSINESS. PENALTY FOR PRIVATE USE \$300

FIRST CLASS
POSTAGE AND FEES PAID
NOAA
PERMIT G-19