



FEBRUARY 2006

LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

WILMINGTON, DE
NEW CASTLE COUNTY AIRPORT (KILG)
Lat:39 ° 40'N Long: 75 ° 36'W Elev (Ground) 75 Feet
Time Zone : EASTERN WBAN: 13781 ISSN#: 0198-117X



Date	Temperature °F						Deg Days BASE 65°		WEATHER	SNOW/ICE ON GND(IN)		PRECIPITATION ON GND(IN)		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	44	35	40	8	25	34	25	0		0		0.0	0.00	29.89	29.99	7.9	29	9.2	28	30	22	30	01										
02	53	30	42	10	34	39	23	0	RA BR	0		0.0	T	29.87	29.95	6.0	14	6.5	20	14	17	14	02										
03	62*	45	54*	22	45	49	11	0	RA BR	0		0.0	0.48	29.63	29.72	5.1	20	11.0	30	15	24	24	03										
04	57	40	49	17	44	46	16	0	RA BR	0		0.0	0.47	29.60	29.64	8.3	08	10.6	35	24	29	24	04										
05	52	35	44	12	26	35	21	0		0		0.0	0.00	29.40	29.52	14.3	25	14.6	32	25	23	25	05										
06	43	32	38	6	15	29	27	0		0		0.0	0.00	29.75	29.86	16.1	25	16.3	35	26	28	26	06										
07	41	29	35	2	17	28	30	0		0		0.0	0.00	29.88	29.99	9.9	28	10.6	25	29	21	28	07										
08	37	24	31	-2	14	26	34	0		0		0.0	0.00	29.97	30.06	8.8	28	9.2	20	27	17	28	08										
09	36	23	30	-3	14	24	35	0		0		0.0	0.00	29.98	30.08	8.8	29	9.4	22	28	17	29	09										
10	38	25	32	-1	14	26	33	0		0		0.0	0.00	30.06	30.15	6.1	24	6.7	20	25	14	21	10										
11	40	31	36	3	26	31	29	0	SN BR	0		3.1	0.45	29.93	29.97	9.6	04	9.9	31	03	26	04	11										
12	32	23	28	-5	22	26	37	0	SN FG+ FZFG BR HZ	10		11.3	0.91	29.56	29.66	11.5	33	14.5	44	01	35	01	12										
13	35	15	25	-9	15	23	40	0		9		0.0	0.00	29.86	29.97	6.9	23	8.0	22	27	17	26	13										
14	41	24	33	-1	20	29	32	0		8		0.0	0.00	30.00	30.11	6.3	22	6.8	20	20	17	22	14										
15	50	24	37	3	28	34	28	0	BR	4		0.0	0.00	30.12	30.23	1.5	18	2.7	12	19	10	18	15										
16	57	28	43	9	34	39	22	0	RA	3		0.0	T	30.14	30.21	4.3	17	5.8	18	16	16	15	16										
17	59	34	47	13	31	42	18	0	RA	0		0.0	T	29.96	30.06	12.4	25	18.3	46	29	38	29	17										
18	36	17	27	-8	10	24	38	0	SN	0		0.0	T	30.16	30.24	11.8	30	13.6	33	29	26	29	18										
19	28	14*	21*	-14	1	16	44	0		0		0.0	0.00	30.32	30.40	8.7	27	9.9	23	30	18	29	19										
20	40	22	31	-4	7	24	34	0		0		0.0	0.00	30.09	30.15	4.2	24	5.1	17	25	14	29	20										
21	46	22	34	-2	18	29	31	0		0		0.0	0.00	29.92	30.02	6.6	28	7.0	26	29	23	27	21										
22	37	24	31	-5	29	32	34	0	RA FZRA SN BR	0		0.0	0.04	29.97	30.05	1.2	13	3.3	13	20	10	20	22										
23	49	35	42	6	31	36	23	0	RA FG BR HZ	0		0.0	0.02	29.83	29.91	4.5	27	6.3	30	28	24	29	23										
24	40	27	34	-2	13	28	31	0		0		0.0	0.00	30.05	30.19	17.8	29	18.1	43	27	33	28	24										
25	52	24	38	1	17	31	27	0		0		0.0	0.00	30.03	30.09	5.6	24	14.5	52*	31	43*	31	25										
26	34	19	27	-10	5	21	38	0		0		0.0	0.00	30.07	30.18	14.6	32	15.1	40	29	33	29	26										
27	35	18	27	-10	9	22	38	0	SN BR	0		0.0	0.00	29.99	30.06	8.5	27	9.3	28	27	21	30	27										
28	37	22	30	-8	10	25	35	0	SN BR	T		0.2	0.01	29.83	29.92	10.6	29	11.1	25	27	21	28	28										
										< MONTHLY AVERAGES TOTALS >				14.6	2.38	29.93	30.01	5.7	27	10.1	< MONTHLY AVERAGES												
										0.8	0.7	0.7	<----- DEPARTURE FROM NORMAL ----->										-0.43	SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3									
DEGREE DAYS									GREATEST 24-HR PRECIPITATION : 0.91 DATE : 12										SEA LEVEL PRESSURE DATE TIME														
MONTHLY									GREATEST 24-HR SNOWFALL : 11.3 DATE : 12										MAXIMUM : 30.50 19 0914														
TOTAL DEPARTURE									GREATEST SNOW DEPTH : 10 DATE : 12										MINIMUM : 29.31 04 2151														
HEATING : 834 -30 3340 -338									NUMBER OF -> MAXIMUM TEMP >= 90 : 0										PRECIPITATION >= 0.01 INCH: 7														
COOLING : 0 0 0 0									MAXIMUM TEMP <= 32 : 2										PRECIPITATION >= 0.10 INCH: 4														
									THUNDERSTORMS :										SNOWFALL >= 1.0 INCH : 2														

FEBRUARY 2006
WILMINGTON, DE

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

WILMINGTON, DE (KILG)
FEBRUARY 2006

WBAN # 13781

Date	FOR HOUR (LST) ENDING AT												Date	FOR HOUR (LST) ENDING AT												Date	Sum of Hourly Data	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	0.01	0.01	0.03	0.10	0.13	0.05	0.01	T	0.14		0.02	T	01	0.07	0.01	0.16	0.01	0.08						0.01	0.11	T	01	0.00	0.00
02													02														T	T	
03													03														0.48	0.48	
04													04														0.47	0.47	
05													05														0.00	0.00	
06													06														06	0.00	0.00
07													07														0.00	0.00	
08													08														0.00	0.00	
09													09														0.00	0.00	
10													10														0.00	0.00	
11	T	0.04	0.01	T	T	0.03	0.04	0.01	0.02		0.02	T	11	T	T	T	0.03	0.02	T	0.02	0.02	0.02	0.03	T	11	0.14*	0.45		
12													12												0.17*	0.91			
13													13												0.00	0.00			
14													14												0.00	0.00			
15													15												0.00	0.00			
16								T	T			T	16													16	T	T	
17													17													T	T		
18													18													T	T		
19													19													0.00	0.00		
20													20													0.00	0.00		
21										T	0.01	0.01	21	0.01	T	T		T	T	0.01						21	0.00	0.00	
22													22													0.04	0.04		
23													23													0.02	0.02		
24													24													0.00	0.00		
25													25													0.00	0.00		
26	T	T	T										26													26	0.00	0.00	
27													27													0.00	0.00		
28													28													T*	0.01		

* Indicates sum of Hourly and Daily disagree.

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 (Hr/Min)												

Note : The hourly and daily precipitation totals are printed in the last 2 columns and hi-lighted in red when they disagree. 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.

Date and time are not entered for TRACE amounts.

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		
DESCRIPTOR	PRECIPITATION	OBSCURATION	OTHER
BC Patches	DZ Drizzle	BR Mist	DS Duststorm
BL Blowing	GR Hail	DU Widespread Dust	FC Funnel Cloud
DR Low Drifting	GS Small Hail and/or Snow Pellets	FG Fog	+FC Tornado Waterspout
FZ Freezing	IC Ice Crystals	FU Smoke	PO Well-Developed Dust/Sand Whirls
MI Shallow	PL Ice Pellets	HZ Haze	
PR Partial	RA Rain	PY Spray	SQ Squalls
SH Shower(s)	SG Snow Grains	SA Sand	SS Sandstorm
TS Thunderstorm	SN Snow	VA Volcanic Ash	GL Glaze
VC In the Vicinity	UP Unkown Precipitation		
Intensity (as indicated on pages 4 to 6): '+' = Heavy '' = Moderate '-' = Light			

WILMINGTON, DE FEBRUARY 2006

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

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

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

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

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

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

ADDITIONAL NOTES:

Date	SUNSHINE		CLOUDINESS (OKTAS)				VISIBILITY (MILES)		RESERVED
	TOTAL MINUTES	PERCENT POSSIBLE	SR-SS		MN-MN		MINIMUM	MAXIMUM	
			Sky Cover	Satellite	Sky Cover	Satellite			
01							10.00	10.00	
02							5.00	10.00	
03							3.00	10.00	
04							2.00	10.00	
05							10.00	10.00	
06							10.00	10.00	
07							10.00	10.00	
08							10.00	10.00	
09							10.00	10.00	
10							10.00	10.00	
11							0.25	10.00	
12							0.50	10.00	
13							10.00	10.00	
14							10.00	10.00	
15							6.00	10.00	
16							7.00	10.00	
17							10.00	10.00	
18							10.00	10.00	
19							10.00	10.00	
20							10.00	10.00	
21							10.00	10.00	
22							1.00	10.00	
23							0.50	10.00	
24							10.00	10.00	
25							10.00	10.00	
26							10.00	10.00	
27							10.00	10.00	
28							5.00	10.00	
MONTHLY AVGS							7.51	10.00	
SUNSHINE (Minutes)									
Total : Possible :									
Percent Possible :									
NUMBER OF DAYS WITH :									
SKY CONDITION									
Clear Partly CLDY Cloudy Missing									
MINIMUM VISIBILITY (MILES)									
<= .25 <= 3.0 >= 7.0									

OBSERVATIONS AT 3-HOURLY INTERVALS

WILMINGTON, DE
FEBRUARY 2006 KILG

WBAN # 13781

HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)		
			Observation Time (LST)	Eff Cld Amt Oktas			DRY BULB	DEW POINT	WET BULB		SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL	
SUNRISE: 0708			FEB 01			SUNSET: 1720									
01	OVC	042			10.00		39	25	34	57	14	30	29.85	29.92	
04	OVC	042			10.00		38	24	33	57	15	29	29.86	29.95	
07	OVC	040			10.00		37	24	32	59	9	29	29.91	30.00	
10	OVC	040			10.00		39	24	33	55	12	28	29.96	30.04	
13	OVC	038			10.00		41	24	35	51	14	30	29.91	30.00	
16	CLR	NC			10.00		42	25	35	51	8	31	29.90	29.98	
19	CLR	NC			10.00		40	25	34	55	0	00	29.91	30.00	
22	CLR	NC			10.00		37	28	34	70	6	16	29.93	30.01	
SUNRISE: 0707			FEB 02			SUNSET: 1721									
01	BKN	120			10.00		34	29	32	82	7	14	29.88	29.97	
04	CLR	NC			9.00		33	30	32	89	0	00	29.88	29.97	
07	CLR	NC			7.00		33	30	32	89	0	00	29.91	29.99	
10	CLR	NC			9.00		42	36	39	79	6	VR	29.93	30.01	
13	CLR	NC			10.00		49	36	43	61	8	15	29.88	29.96	
16	CLR	NC			10.00		50	37	44	61	10	15	29.83	29.92	
19	CLR	NC			10.00		46	34	41	63	12	13	29.85	29.93	
22	BKN	110			10.00		45	39	42	80	8	14	29.83	29.91	
SUNRISE: 0706			FEB 03			SUNSET: 1722									
01	OVC	039			8.00	-RA	45	42	44	89	7	10	29.72	29.80	
04	OVC	008			3.00	RA BR	46	46	46	100	5	09	29.59	29.67	
07	OVC	004			7.00		50	49	49	96	18	16	29.49	29.57	
10	OVC	075			10.00		59	54	56	84	17	22	29.53	29.61	
13	BKN	035			10.00		61	45	53	56	21	25	29.59	29.67	
16	BKN	046			10.00		61	43	52	52	14	21	29.65	29.72	
19	CLR	NC			10.00		50	42	46	74	6	30	29.75	29.83	
22	BKN	047			10.00		50	39	45	66	5	02	29.80	29.87	
SUNRISE: 0705			FEB 04			SUNSET: 1724									
01	CLR	NC			10.00		47	39	43	74	5	09	29.82	29.90	
04	CLR	NC			10.00		44	38	41	80	5	04	29.80	29.88	
07	FEW	037			10.00		45	37	41	74	9	05	29.77	29.84	
10	OVC	049			10.00		48	38	43	68	10	05	29.70	29.78	
13	OVC	008			2.00	RA BR	47	45	46	93	16	06	29.57	29.65	
16	OVC	004			5.00	BR	49	47	48	93	14	07	29.43	29.51	
19	OVC	005			5.00	BR	50	49	49	96	9	08	29.31	29.39	
22	BKN	060			10.00		55	54	54	96	15	13	29.23	29.31	
SUNRISE: 0704			FEB 05			SUNSET: 1725									
01	OVC	110			10.00		47	39	43	74	16	26	29.32	29.39	
04	CLR	NC			10.00		41	32	37	70	8	23	29.34	29.42	
07	CLR	NC			10.00		39	30	35	70	14	25	29.38	29.45	
10	OVC	090			10.00		43	27	37	53	15	25	29.41	29.50	
13	BKN	080			10.00		43	28	37	56	12	23	29.43	29.50	
16	OVC	060			10.00		42	21	34	43	22	25	29.46	29.53	
19	BKN	070			10.00		39	20	32	46	14	25	29.53	29.61	
22	SCT	050			10.00		36	19	30	50	17	25	29.62	29.70	
SUNRISE: 0703			FEB 06			SUNSET: 1726									
01	OVC	046			10.00		36	20	30	52	22	26	29.65	29.74	
04	BKN	048			10.00		33	18	28	54	9	23	29.72	29.81	
07	CLR	NC			10.00		32	17	27	54	13	24	29.75	29.85	
10	OVC	050			10.00		37	15	30	41	20	25	29.80	29.89	
13	BKN	060			10.00		39	16	31	39	18	23	29.78	29.86	
16	CLR	NC			10.00		42	12	32	29	21	24	29.77	29.85	
19	CLR	NC			10.00		38	12	30	34	10	26	29.83	29.91	
22	CLR	NC			10.00		36	13	29	39	13	24	29.85	29.93	
SUNRISE: 0702			FEB 07			SUNSET: 1727									
01	CLR	NC			10.00		35	14	28	42	14	27	29.83	29.92	
04	CLR	NC			10.00		32	15	27	49	9	26	29.85	29.93	
07	CLR	NC			10.00		29	14	24	53	5	21	29.90	29.98	
10	CLR	NC			10.00		35	16	29	46	14	32	29.91	30.00	
13	SCT	044			10.00		38	18	31	44	14	29	29.88	29.96	
16	FEW	046			10.00		39	19	32	45	14	29	29.90	29.98	
19	CLR	NC			10.00		32	18	27	56	9	29	29.94	30.03	
22	CLR	NC			10.00		31	18	27	59	8	27	29.98	30.06	
SUNRISE: 0700			FEB 08			SUNSET: 1728									
01	CLR	NC			10.00		29	16	25	58	9	30	29.98	30.06	
04	CLR	NC			10.00		28	15	24	58	10	30	29.98	30.06	
07	CLR	NC			10.00		27	16	24	63	7	27	29.99	30.08	
10	CLR	NC			10.00		33	15	27	48	14	28	30.01	30.10	
13	OVC	050			10.00		36	13	29	39	13	26	29.96	30.05	
16	OVC	055			10.00		35	13	28	40	14	27	29.94	30.03	
19	OVC	110			10.00		31	13	25	47	9	29	29.96	30.05	
22	FEW	100			10.00		30	15	25	54	5	25	29.98	30.06	
SUNRISE: 0659			FEB 09			SUNSET: 1729									
01	FEW	090			10.00		28	17	25	63	7	28	29.96	30.04	
04	BKN	090			10.00		26	18	23	72	8	29	29.96	30.04	
07	CLR	NC			10.00		25	18	23	75	9	30	29.98	30.06	
10	BKN	028			10.00		30	18	26	61	9	33	30.02	30.11	
13	SCT	038			10.00		34	15	28	46	14	29	29.99	30.08	
16	CLR	NC			10.00		35	5	26	28	12	27	29.96	30.05	
19	CLR	NC			10.00		30	9	24	41	7	27	30.01	30.09	
22	CLR	NC			10.00		28	9	23	45	9	28	30.06	30.15	
SUNRISE: 0658			FEB 10			SUNSET: 1731									
01	CLR	NC			10.00		27	10	22	49	6	23	30.09	30.17	
04	CLR	NC			10.00		27	11	22	51	8	24	30.07	30.16	
07	FEW	110			10.00		28	14	24	56	7	24	30.11	30.20	
10	CLR	NC			10.00		33	15	27	48	10	25	30.14	30.22	
13	FEW	100			10.00		38	14	30	37	10	23	30.06	30.15	
16	CLR	NC			10.00		38	11	29	33	7	22	30.01	30.10	
19	FEW	090			10.00		35	14	28	42	5	19	30.03	30.12	
22	OVC	085			10.00		31	19	27	61	0	00	30.02	30.11	
SUNRISE: 0657			FEB 11			SUNSET: 1732									
01	OVC	100			10.00		33	19	28	56	0	00	30.02	30.11	
04	OVC	090			10.00		31	23	28	72	5	34	29.99	30.09	
07	OVC	080			10.00		34	24	30	67	5	07	30.01	30.10	
10	BKN	100			10.00		37	25	33	62	6	04	29.99	30.08	
13	OVC	034			10.00		39	20	32	46	12	06	29.93	30.02	
16	OVC	024			0.75	-SN BR	33	31	32	92	14	04	29.85	29.95	
19	OVC	007			1.25	-SN BR	33	31	32	92	18	04	29.78	29.86	
22	OVC	007			0.75	-SN BR	33	31	32	92	17	03	29.65	29.74	
SUNRISE: 0656			FEB 12			SUNSET: 1733									
01	OVC	014			0.75	-SN BR	32	29	31	89	24	02	29.54	29.62	
04	OVC	017			0.75	-SN BR	28	25	27	89	25	01	29.44	29.52	
07	VV	002			0.75	BR	25	23	24	92	14	35	29.48	29.56	
10	BKN	047			0.75		25	20	23	81					

OBSERVATIONS AT 3-HOURLY INTERVALS

WILMINGTON, DE
FEBRUARY 2006 KILG

WBAN # 13781

HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)	
			Observation Time (LST)	Eff Cld Amt Oktas			DRY BULB	DEW POINT	WET BULB		SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL
SUNRISE: 0655 FEB 13 SUNSET: 1734														
01	CLR	NC			10.00		23	12	20	63	9	29	29.78	29.87
04	CLR	NC			10.00		21	10	18	62	9	26	29.83	29.92
07	CLR	NC			10.00		18	10	16	71	5	22	29.90	29.98
10	CLR	NC			10.00		26	15	23	63	7	23	29.93	30.01
13	CLR	NC			10.00		33	19	28	56	10	20	29.88	29.98
16	FEW	050			10.00		35	15	28	44	14	24	29.88	29.96
19	CLR	NC			10.00		31	18	27	59	7	21	29.91	29.99
22	SCT	095			10.00		28	18	25	66	7	20	29.91	30.01
SUNRISE: 0653 FEB 14 SUNSET: 1735														
01	CLR	NC			10.00		26	17	23	69	5	25	29.93	30.03
04	CLR	NC			10.00		27	15	23	61	9	25	29.94	30.03
07	CLR	NC			10.00		25	13	22	60	3	23	30.01	30.09
10	CLR	NC			10.00		32	20	28	61	7	23	30.06	30.15
13	CLR	NC			10.00		39	20	32	46	12	22	30.03	30.12
16	CLR	NC			10.00		41	22	34	47	9	21	30.01	30.10
19	CLR	NC			10.00		38	24	33	57	6	19	30.06	30.14
22	CLR	NC			10.00		36	26	32	67	3	19	30.07	30.16
SUNRISE: 0652 FEB 15 SUNSET: 1736														
01	CLR	NC			10.00		30	23	28	75	0	00	30.09	30.17
04	CLR	NC			8.00		27	25	26	92	3	32	30.10	30.19
07	CLR	NC			8.00		26	24	25	92	0	00	30.14	30.22
10	CLR	NC			10.00		38	30	35	73	6	14	30.17	30.26
13	CLR	NC			10.00		47	29	40	50	10	20	30.14	30.23
16	CLR	NC			10.00		49	30	41	48	8	14	30.11	30.20
19	CLR	NC			10.00		48	28	40	46	0	00	30.15	30.24
22	CLR	NC			10.00		41	30	37	65	0	00	30.17	30.26
SUNRISE: 0651 FEB 16 SUNSET: 1738														
01	CLR	NC			10.00		35	30	33	82	0	00	30.17	30.26
04	CLR	NC			10.00		31	28	30	89	5	32	30.19	30.28
07	CLR	NC			9.00		30	28	29	92	0	00	30.19	30.27
10	CLR	NC			10.00		45	34	40	65	6	17	30.20	30.29
13	CLR	NC			10.00		53	34	44	49	7	20	30.15	30.24
16	CLR	NC			10.00		57	38	48	49	6	15	30.09	30.17
19	CLR	NC			10.00		50	36	44	59	8	14	30.07	30.16
22	CLR	NC			10.00		47	39	43	74	14	15	30.01	30.10
SUNRISE: 0650 FEB 17 SUNSET: 1739														
01	CLR	NC			10.00		51	43	47	74	9	18	29.98	30.06
04	CLR	NC			10.00		56	45	50	67	17	19	29.88	29.96
07	OVC	100			10.00		55	46	50	72	21	20	29.80	29.88
10	CLR	NC			10.00		57	47	52	69	18	21	29.78	29.87
13	CLR	NC			10.00		53	26	42	35	26	29	29.96	30.03
16	CLR	NC			10.00		47	20	37	34	22	28	30.03	30.12
19	CLR	NC			10.00		40	16	32	38	21	30	30.14	30.22
22	CLR	NC			10.00		35	16	29	46	18	31	30.19	30.27
SUNRISE: 0648 FEB 18 SUNSET: 1740														
01	CLR	NC			10.00		34	15	28	46	12	30	30.17	30.26
04	OVC	095			10.00		33	14	27	46	9	29	30.15	30.24
07	OVC	100			10.00		32	17	27	54	6	21	30.11	30.20
10	BKN	070			10.00		35	18	29	50	10	24	30.11	30.20
13	OVC	060			10.00		35	15	28	44	16	30	30.09	30.17
16	CLR	NC			10.00		32	10	25	40	21	32	30.09	30.17
19	FEW	065			10.00		24	4	19	42	16	33	30.19	30.27
22	CLR	NC			10.00		19	-4	14	36	14	34	30.28	30.37
SUNRISE: 0647 FEB 19 SUNSET: 1741														
01	CLR	NC			10.00		16	-4	12	41	8	32	30.35	30.43
04	CLR	NC			10.00		15	-2	12	47	13	29	30.35	30.44
07	CLR	NC			10.00		14	-0	11	53	12	28	30.39	30.48
10	CLR	NC			10.00		21	1	16	41	16	29	30.39	30.48
13	CLR	NC			10.00		26	-1	20	31	9	30	30.32	30.41
16	CLR	NC			10.00		28	-0	21	30	16	24	30.27	30.35
19	CLR	NC			10.00		25	2	19	37	6	25	30.25	30.34
22	CLR	NC			10.00		22	6	18	50	6	20	30.20	30.29
SUNRISE: 0646 FEB 20 SUNSET: 1742														
01	BKN	110			10.00		23	8	19	52	5	26	30.19	30.28
04	OVC	090			10.00		25	4	20	40	5	28	30.16	30.25
07	OVC	070			10.00		25	6	20	44	3	22	30.15	30.24
10	BKN	090			10.00		29	3	22	33	6	22	30.14	30.22
13	CLR	NC			10.00		35	3	26	26	12	24	30.04	30.13
16	CLR	NC			10.00		40	6	30	24	5	VR	29.99	30.08
19	CLR	NC			10.00		34	11	27	38	3	23	29.98	30.06
22	CLR	NC			10.00		31	14	26	49	5	23	29.98	30.06
SUNRISE: 0644 FEB 21 SUNSET: 1743														
01	CLR	NC			10.00		30	17	26	58	0	00	29.93	30.02
04	OVC	055			10.00		27	20	25	75	0	00	29.91	30.00
07	CLR	NC			10.00		23	19	22	85	0	00	29.93	30.01
10	CLR	NC			10.00		38	16	31	41	17	28	29.94	30.03
13	BKN	050			10.00		42	19	34	40	15	28	29.91	29.99
16	CLR	NC			10.00		44	19	35	37	14	30	29.88	29.96
19	CLR	NC			10.00		40	17	32	39	6	27	29.93	30.02
22	CLR	NC			10.00		35	17	29	48	3	29	29.99	30.08
SUNRISE: 0643 FEB 22 SUNSET: 1744														
01	CLR	NC			10.00		28	20	25	72	0	00	29.98	30.06
04	CLR	NC			10.00		28	19	25	69	5	02	30.01	30.09
07	OVC	080			10.00		30	23	28	75	0	00	30.01	30.09
10	BKN	027			10.00	-SN	37	29	34	73	7	18	30.03	30.12
13	OVC	006			4.00	-FZRA BR	36	34	35	92	6	14	29.98	30.07
16	OVC	025			9.00		36	33	35	89	6	14	29.91	30.00
19	OVC	004			1.00	BR	35	34	35	96	6	10	29.93	30.01
22	OVC	004			1.00	BR	36	34	35	92	0	00	29.91	30.00
SUNRISE: 0641 FEB 23 SUNSET: 1746														
01	OVC	002			1.00	BR	36	35	36	96	0	00	29.88	29.97
04	OVC	002			1.00	BR	36	35	36	96	3	36	29.82	29.90
07	OVC	001			1.00	BR	36	35	36	96	3	31	29.83	29.91
10	OVC	003			1.00	BR	38	37	38	96	3	22	29.83	29.93
13	OVC	011			4.00	BR	41	38	40	89	6	26	29.80	29.88
16	SCT	070			10.00		48	27	39	44	24	31	29.78	29.86
19	CLR	NC			10.00		41	23	34	49	5	25	29.83	29.93
22	CLR	NC			10.00		37	22	32	55	7	18	29.83	29.92
SUNRISE: 0640 FEB 24 SUNSET: 1747														
01	OVC	085			10.00		38	24	33	57	15	29	29.85	29.95
04	CLR	NC			10.00		38	26	33	62	21	29	29.86	29.95
07	CLR	NC			10.00		34	17	28	50	20	29	29.98	30.07
10	FEW	050			10.00		36	13	29	39	25	30	30.09	30.18
13	FEW	070			10.00		39	9	30	29	25	29	30.14	30.22
16	CLR	NC			10.00		39	5	29	24	24	29	30.19	30.27
19	CLR	NC			10.00		33	7	26	33	13	28	30.24	30.33
22	CLR	NC												

[illegible][illegible]

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, W = Vertical Visibility = 8/8

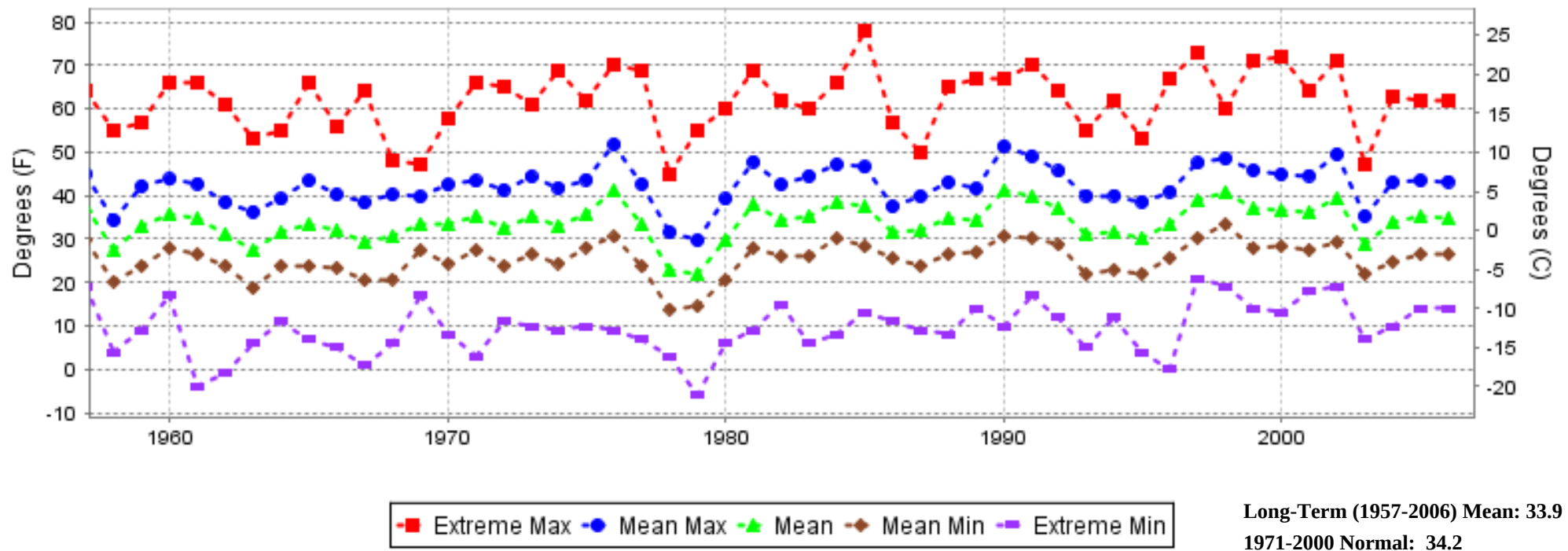
Ceiling is reported in hundreds of feet above ground level for clouds at or below 12,000 feet.
NC = No Ceiling detected.

**& = Original observation contained additional weather elements.
See page 3 for additional notes.**

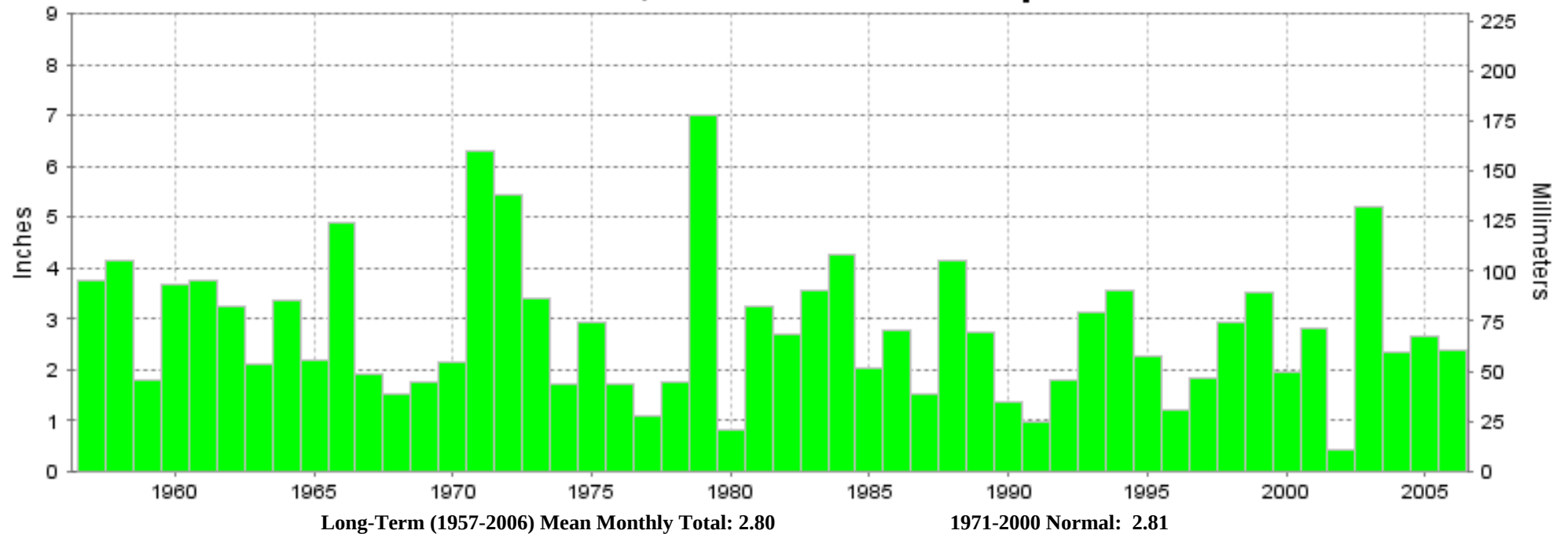
SUMMARY BY HOUR

HOUR (LST)	AVERAGES									RESULTANT WIND (MPH)		
	CEILOMETER	EFF CLD AMT	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY	PRESSURE (Inches, HG)		VISIBILITY (Miles)	WIND SPEED (MPH)	SPEED	DIRECTION
							STATION	SEA LEVEL				
01			32	21	29	65	29.94	30.02	9.10	8	6	27
02			32	21	28	65	29.94	30.02	9.13	8	5	27
03			31	20	28	66	29.93	30.02	9.06	8	5	27
04			31	20	28	67	29.93	30.01	8.99	9	5	27
05			31	20	27	67	29.93	30.01	8.99	8	5	27
06			30	20	27	68	29.93	30.02	9.15	8	5	27
07			30	20	27	68	29.94	30.02	9.03	8	5	27
08			31	21	28	67	29.95	30.04	8.77	9	5	27
09			34	21	30	62	29.96	30.05	9.06	10	6	27
10			36	22	31	57	29.96	30.04	9.31	12	7	27
11			38	22	32	54	29.95	30.04	9.13	14	9	27
12			39	21	33	51	29.94	30.03	9.71	13	9	27
13			40	21	33	49	29.92	30.00	9.25	14	9	27
14			41	21	34	48	29.90	29.98	9.46	14	9	27
15			41	21	34	47	29.89	29.98	9.20	14	9	27
16			41	20	34	45	29.89	29.98	9.46	14	9	27
17			40	19	33	47	29.89	29.98	9.22	13	8	27
18			38	19	32	50	29.90	29.99	9.20	10	5	27
19			37	20	31	52	29.92	30.01	9.19	9	4	27
20			36	20	31	54	29.93	30.02	9.32	10	5	27
21			35	20	30	57	29.93	30.02	9.35	9	4	27
22			34	20	30	59	29.94	30.02	9.35	8	3	26
23			34	21	29	61	29.93	30.02	9.35	7	3	26
24			32	21	29	63	29.93	30.02	9.35	8	4	27

WILMINGTON, DE FEBRUARY Temperatures



WILMINGTON, DE FEBRUARY Precipitation





FEBRUARY 2006
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.

Thomas R. Karl
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 for online delivery (including back issues) is significantly less than the cost for offline delivery.** To order this and other subscriptions online 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

United States
Department of Commerce

National Oceanic and
Atmospheric Administration

National Environmental Satellite
Atmospheric Administration

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