



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																			
																			3-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	35	19	27	-5	12	23	38	0		2		0.0	0.00	30.19	30.29	6.2	28	6.6	22	25	15	28	01															
02	35	19	27	-5	18	26	38	0	SN BR HZ	T		1.6	0.08	30.13	30.21	3.0	06	3.7	14	11	12	11	02															
03	41	26	34	2	27	31	31	0	SN FZFG BR HZ	2		0.7	0.04	30.00	30.10	6.8	31	7.2	24	30	18	32	03															
04	39	24	32	0	16	28	33	0		T		0.0	0.00	30.25	30.36	6.9	31	8.0	24	33	20	33	04															
05	38	29	34	2	24	30	31	0	SN FG BR HZ	0		6.4	0.58	30.14	30.19	3.5	06	5.9	32	05	26	05	05															
06	29	19	24	-8	18	23	41	0	SN FG+ FZFG BR UP HZ	16		19.4	1.84	29.61	29.70	16.5	03	18.3	43	03	33	04	06															
07	28	11*	20*	-13	9	17	45	0		17		0.0	0.00	29.85	29.96	9.7	31	10.4	22	30	20	29	07															
08	32	15	24	-9	12	21	41	0		15		0.0	0.00	29.97	30.07	10.4	29	11.1	31	31	24	31	08															
09	37	15	26	-7	19	25	39	0	SN FZFG BR	14		5.6	0.58	29.98	30.03	1.6	22	4.0	13	06	10	06	09															
10	33	24	29	-4	27	28	36	0	RA FZRA SN FG+ FG FZFG BR UP	17		7.2	0.90	29.26	29.32	16.1	33	21.4	46*	30	35*	02	10															
11	35	27	31	-2	20	27	34	0	HZ	21		0.0	0.00	29.57	29.70	20.2	31	20.3	43	31	31	32	11															
12	33	20	27	-6	15	23	38	0		17		0.0	0.00	29.80	29.89	9.5	31	9.8	33	32	26	32	12															
13	30	22	26	-8	14	23	39	0		16		0.0	0.00	29.61	29.68	11.8	31	12.8	33	29	24	30	13															
14	37	23	30	-4	18	26	35	0		15		0.0	0.00	29.62	29.73	12.6	27	13.3	35	31	29	30	14															
15	39	21	30	-4	20	27	35	0	RA FZRA SN BR UP	14		0.6	0.06	29.72	29.79	1.5	21	6.0	21	17	16	16	15															
16	36	26	31	-3	21	27	34	0	RA SN FZFG BR HZ	14		0.7	0.06	29.49	29.59	12.9	29	13.3	38	30	29	30	16															
17	35	24	30	-4	18	26	35	0	SN	14		T	T	29.57	29.65	12.5	28	13.1	29	29	23	30	17															
18	42	30	36	1	24	31	29	0		12		0.0	0.00	29.58	29.69	12.6	29	13.0	35	31	29	30	18															
19	43	33	38	3	23	32	27	0		10		0.0	0.00	29.78	29.89	15.4	29	15.7	39	28	31	30	19															
20	42	32	37	2	20	31	28	0		8		0.0	0.00	29.94	30.04	13.1	30	13.5	31	31	24	31	20															
21	45*	26	36	0	19	31	29	0		7		0.0	0.00	29.94	30.03	8.8	29	9.0	26	29	22	29	21															
22	40	28	34	-2	26	32	31	0	RA SN BR	5		T	0.29	29.85	29.92	5.4	06	6.9	18	03	15	02	22															
23	38	35	37	1	35	36	28	0	RA SN BR	4		T	1.06	29.66	29.75	10.9	01	12.1	25	04	20	04	23															
24	42	34	38*	2	32	35	27	0	RA BR	0		0.0	T	29.70	29.78	8.0	31	8.3	20	33	15	29	24															
25	38	27	33	-4	28	31	32	0	RA SN BR UP	0		0.6	0.03	29.47	29.51	14.5	30	15.1	44	27	32	29	25															
26	34	25	30	-7	23	27	35	0	SN BR	2		4.1	0.35	29.26	29.37	18.8	28	18.9	40	27	30	28	26															
27	41	29	35	-2	25	31	30	0	SN	2		T	T	29.49	29.59	9.9	27	10.3	24	29	18	30	27															
28	40	31	36	-2	27	32	29	0	SN BR	T		T	T	29.57	29.67	8.0	29	9.3	26	31	20	31	28															
37.0										24.8	30.9	☼	21.1	27.9	33.9	0.0	< MONTHLY AVERAGES TOTALS >											46.9	5.87	29.75	29.84	8.4	30	11.3	< MONTHLY AVERAGES			
-5.5										-1.0	-3.3		<----- DEPARTURE FROM NORMAL ----->											3.06	SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3													
DEGREE DAYS										GREATEST 24-HR PRECIPITATION :										1.84	DATE :	06	SEA LEVEL PRESSURE										DATE	TIME				
MONTHLY										GREATEST 24-HR SNOWFALL :										19.4	DATE :	06	MAXIMUM :										30.42	04	1051			
TOTAL DEPARTURE										GREATEST SNOW DEPTH :										21	DATE :	11	MINIMUM :										29.13	10	1357			
HEATING :										948	84	3651	-27	NUMBER OF ->		MAXIMUM TEMP >= 90 :		0	MINIMUM TEMP <= 32 :		25	PRECIPITATION >= 0.01 INCH:		12														
COOLING :										0	0	0	0	DAYS WITH		MAXIMUM TEMP <= 32 :		4	MINIMUM TEMP <= 0 :		0	PRECIPITATION >= 0.10 INCH:		7														
														THUNDERSTORMS		:	0	HEAVY FOG		:	2	SNOWFALL >= 1.0 INCH		:	6													

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

WILMINGTON, DE (KILG)
FEBRUARY 2010

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	0.01	T	0.01								01													01	0.00	0.00																											
02													02																	0.01	0.03	0.02	02	0.06*	0.08																				
03													03																				03	0.04	0.04																				
04													04																				04	0.00	0.00																				
05													05																			T	0.01	0.03	0.06	0.05	0.03	0.04	0.02	05	0.24*	0.58													
06	0.04	0.03	0.05	0.04	0.03	0.01	0.03	0.01	T	0.01	T		06		0.01	0.01	T	T	T	T	T	T	T	T	T	06	0.27*	1.84																											
07													07																										07	0.00	0.00														
08													08																											08	0.00	0.00													
09													09																												09	0.58	0.58												
10													10													0.06	0.06	0.05	0.04	0.03	0.04	0.02	0.04	0.11	0.09	0.05	0.01	0.01	T	T	T	T	0.08	0.12	0.12	0.15	0.11	10	0.61*	0.90					
11													11													11	0.00	0.00																											
12													12																											12	0.00	0.00													
13													13																												13	0.00	0.00												
14													14																													14	0.00	0.00											
15													15																								T				T	0.01	T	0.01	0.02	0.01	0.01	15	0.06	0.06					
16								T	T	T	T	T	16		T											16	T*	0.06																											
17													17																																		17	T	T						
18													18																																				18	0.00	0.00				
19													19																																					19	0.00	0.00			
20													20																																						20	0.00	0.00		
21	0.04	0.05	0.05	0.09	0.04	0.03	0.05	0.03		0.01	0.03	0.05	21		0.06	0.09	0.21	0.16	0.06	0.01	T	0.01	0.08	0.06	0.02	0.03	0.09	21	0.00	0.00																									
22													22																																						22	0.29	0.29		
23													23																																							23	1.06	1.06	
24													24															T																									24	T	T
25													25															T	T	T	T	0.02	0.01	T	T	T	T	T					T	T	T	T	T	T	T	T			25	0.03	0.03
26	T	T	T	T	T	T	T	T	T	T	T	T	26	T	T	T											26	T*	0.35																										
27													27																																					27	T	T			
28													28																																							28	T	T	

* 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 2010

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:

Station Augmentation-BEAR 2 SW C00P
Lat/Lon:39.59167/-75.7325 Elevation:80
Distance:4 MI Dir:SE
Augmented Elements:Precip, Snow
Equipment:SRG, Snowfall

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							1.00	10.00	
03							0.50	10.00	
04							9.00	10.00	
05							0.75	10.00	
06							0.50	10.00	
07							10.00	10.00	
08							10.00	10.00	
09							0.50	10.00	
10							0.25	9.00	
11							4.00	10.00	
12							9.00	10.00	
13							10.00	10.00	
14							10.00	10.00	
15							1.50	10.00	
16							0.75	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							5.00	10.00	
23							2.00	10.00	
24							7.00	10.00	
25							1.00	10.00	
26							0.75	10.00	
27							8.00	10.00	
28							3.00	10.00	
MONTHLY AVGS							5.52	9.96	
SUNSHINE (Minutes)									
Total : 0 Possible : 18020									
Percent Possible : 0									
NUMBER OF DAYS WITH :									
SKY CONDITION									
Clear Partly CLDY Cloudy Missing									
MINIMUM VISIBILITY (MILES)									
<= .25 <= 3.0 >= 7.0									
1 12 14									

OBSERVATIONS AT 3-HOURLY INTERVALS

WILMINGTON, DE
FEBRUARY 2010 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: 0710 FEB 01 SUNSET: 1722														
01	CLR	NC			10.00		21	9	18	60	3	24	30.10	30.19
04	CLR	NC			10.00		21	7	17	55	6	29	30.17	30.26
07	CLR	NC			10.00		20	6	17	54	6	26	30.24	30.33
10	CLR	NC			10.00		29	13	24	51	13	30	30.25	30.35
13	CLR	NC			10.00		33	15	27	48	7	27	30.22	30.30
16	CLR	NC			10.00		34	15	28	46	11	29	30.19	30.28
19	CLR	NC			10.00		31	14	26	49	3	24	30.20	30.29
22	CLR	NC			10.00		28	15	24	58	5	24	30.22	30.29
SUNRISE: 0709 FEB 02 SUNSET: 1723														
01	CLR	NC			10.00		26	15	23	63	0	00	30.19	30.27
04	CLR	NC			8.00		20	15	19	81	0	00	30.19	30.28
07	CLR	NC			7.00		21	16	20	81	6	03	30.19	30.27
10	CLR	NC			10.00		31	16	26	54	8	09	30.19	30.28
13	OVC	070			10.00		34	16	28	48	5	10	30.11	30.20
16	OVC	085			10.00		35	16	29	46	6	07	30.07	30.16
19	OVC	080			10.00		34	19	29	54	5	08	30.06	30.14
22	OVC	017			1.25	-SN BR	31	27	30	85	5	03	30.02	30.11
SUNRISE: 0708 FEB 03 SUNSET: 1724														
01	OVC	020			1.50	-SN BR	31	29	30	92	5	01	29.98	30.06
04	BKN	019			1.50	-SN BR	30	29	30	96	0	00	29.96	30.04
07	OVC	021			3.00	BR	30	28	29	92	3	31	29.98	30.07
10	OVC	015			2.50	BR	32	29	31	89	5	34	30.01	30.10
13	BKN	016			3.00	HZ	36	29	33	76	9	32	29.99	30.08
16	FEW	037			8.00		39	27	34	62	15	30	29.98	30.07
19	OVC	060			10.00		37	26	33	65	11	29	30.06	30.15
22	CLR	NC			10.00		34	21	29	59	6	27	30.12	30.21
SUNRISE: 0707 FEB 04 SUNSET: 1725														
01	OVC	050			9.00		33	22	29	64	6	28	30.14	30.23
04	CLR	NC			10.00		30	16	26	56	10	32	30.20	30.29
07	CLR	NC			10.00		28	15	24	58	6	28	30.28	30.37
10	CLR	NC			10.00		34	14	28	44	14	34	30.33	30.42
13	CLR	NC			10.00		38	13	30	36	6	33	30.29	30.38
16	CLR	NC			10.00		38	14	30	37	9	29	30.27	30.36
19	CLR	NC			10.00		35	14	28	42	5	26	30.30	30.39
22	CLR	NC			10.00		32	18	27	56	5	24	30.29	30.38
SUNRISE: 0706 FEB 05 SUNSET: 1727														
01	CLR	NC			10.00		29	20	26	69	3	29	30.24	30.33
04	CLR	NC			10.00		30	22	27	72	5	29	30.24	30.33
07	CLR	NC			10.00		31	22	28	69	0	00	30.19	30.28
10	CLR	NC			9.00		34	23	30	64	0	00	30.22	30.31
13	CLR	NC			10.00		38	20	32	48	3	11	30.14	30.22
16	CLR	NC			10.00		37	22	32	55	6	24	30.07	30.16
19	OVC	015			1.00	-SN BR	32	30	31	92	6	08	29.98	30.07
22	VV	004			0.75	-SN BR	30	28	29	92	17	06	29.88	29.96
SUNRISE: 0705 FEB 06 SUNSET: 1728														
01	VV	004			0.50	SN FZFG	29	27	28	92	22	05	29.72	29.80
04	OVC	007			0.50	FZFG	29	27	28	92	25	05	29.57	29.65
07	OVC	016			0.75	BR	28	26	27	92	26	04	29.54	29.63
10	OVC	018			1.00	BR	25	22	24	88	23	03	29.57	29.65
13	VV	004			0.75	BR	23	19	22	85	22	02	29.54	29.62
16	BKN	047			9.00	-SN	26	14	22	60	15	36	29.57	29.65
19	CLR	NC			9.00	UP	24	10	20	55	3	32	29.67	29.75
22	CLR	NC			10.00	UP	21	7	17	55	9	34	29.72	29.81
SUNRISE: 0704 FEB 07 SUNSET: 1729														
01	CLR	NC			10.00		19	6	16	57	11	33	29.78	29.86
04	CLR	NC			10.00		14	4	12	64	10	33	29.83	29.91
07	CLR	NC			10.00		11	3	9	70	7	30	29.88	29.96
10	CLR	NC			10.00		20	9	17	62	15	32	29.91	29.99
13	CLR	NC			10.00		25	12	21	58	13	30	29.88	29.96
16	CLR	NC			10.00		28	13	23	53	14	30	29.86	29.96
19	CLR	NC			10.00		24	11	20	58	6	26	29.91	29.99
22	CLR	NC			10.00		22	10	19	60	8	28	29.93	30.01
SUNRISE: 0703 FEB 08 SUNSET: 1730														
01	CLR	NC			10.00		16	8	14	71	9	29	29.93	30.02
04	CLR	NC			10.00		19	9	16	65	7	28	29.96	30.05
07	CLR	NC			10.00		16	7	14	67	8	26	29.98	30.07
10	CLR	NC			10.00		24	11	20	58	11	31	29.99	30.09
13	CLR	NC			10.00		29	15	25	56	21	30	29.98	30.07
16	CLR	NC			10.00		32	15	27	49	17	31	29.96	30.05
19	CLR	NC			10.00		29	14	24	53	9	27	29.99	30.09
22	CLR	NC			10.00		27	13	23	55	9	27	30.03	30.12
SUNRISE: 0702 FEB 09 SUNSET: 1731														
01	CLR	NC			10.00		23	12	20	63	7	29	30.06	30.14
04	CLR	NC			10.00		22	12	19	65	8	27	30.06	30.15
07	CLR	NC			10.00		17	10	15	74	0	00	30.06	30.14
10	CLR	NC			10.00		28	15	24	58	0	00	30.04	30.13
13	FEW	100			10.00		36	17	30	46	0	00	29.98	30.06
16	CLR	NC			10.00		34	22	30	62	7	15	29.85	29.94
19	OVC	042			5.00	-SN	32	24	29	72	5	23	29.85	29.94
22	VV	004			0.50	SN FZFG	29	28	29	96	0	00	29.75	29.84
SUNRISE: 0701 FEB 10 SUNSET: 1733														
01	OVC	018			2.00	-SN BR	30	28	29	92	13	05	29.57	29.65
04	OVC	005			6.00	-FZRA BR	32	30	31	92	13	06	29.39	29.47
07	OVC	005			9.00	-FZRA	33	31	32	92	11	06	29.26	29.34
10	OVC	005			0.25	SN FG	32	31	32	96	14	33	29.14	29.22
13	OVC	011			0.50	SN FZFG	31	29	30	92	22	32	29.06	29.14
16	OVC	012			0.25	+SN FZFG	24	21	23	88	30	31	29.09	29.17
19	VV	012			0.75	-SN BR	24	21	23	88	30	31	29.19	29.27
22	BKN	110			1.75	-SN	27	22	25	81	28	31	29.31	29.39
SUNRISE: 0660 FEB 11 SUNSET: 1734														
01	CLR	NC			4.00		29	23	27	78	28	31	29.40	29.48
04	CLR	NC			9.00		30	22	27	72	21	32	29.49	29.58
07	CLR	NC			10.00		28	20	25	72	17	31	29.57	29.65
10	CLR	NC			7.00		31	20	27	64	24	31	29.62	29.71
13	CLR	NC			6.00	HZ	34	20	29	57	20	31	29.65	29.73
16	CLR	NC			6.00	HZ	35	20	30	54	23	31	29.65	29.73
19	CLR	NC			10.00		32	18	27	56	18	30	29.70	29.78
22	CLR	NC			10.00		29	16	25	58	16	30	29.73	29.82
SUNRISE: 0659 FEB 12 SUNSET: 1735														
01	CLR	NC			10.00		27	15	23	61	15	29	29.78	29.87
04	CLR	NC			10.00		25	13	21	60	14	31	29.82	29.90
07	CLR	NC			10.00		21	12	19	68	6	27	29.83	29.91
10	CLR	NC			10.00		29	15	25	56	21	31	29.88	29.96
13	CLR	NC			10.00		31	16	26	54	16	31	29.82	29.90
16	CLR	NC			10.00		33	16	27	50	10	29	29.78	29.88
19	CLR	NC			10.00		29	16	25	58	3	29	29.78	29.88
22	CLR	NC			10.00		25	16	22	69	5	32	29.75	29.83

OBSERVATIONS AT 3-HOURLY INTERVALS

WILMINGTON, DE
FEBRUARY 2010 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: 0657 FEB 13 SUNSET: 1736														
01	CLR	NC			10.00		25	16	22	69	3	31	29.72	29.81
04	CLR	NC			10.00		27	15	23	61	9	35	29.65	29.74
07	CLR	NC			10.00		25	14	22	63	9	33	29.62	29.71
10	CLR	NC			10.00		27	14	23	58	10	34	29.61	29.69
13	CLR	NC			10.00		28	16	24	61	18	33	29.56	29.64
16	CLR	NC			10.00		29	16	25	58	21	31	29.54	29.62
19	CLR	NC			10.00		28	14	24	56	16	30	29.57	29.65
22	CLR	NC			10.00		27	12	23	53	14	28	29.57	29.65
SUNRISE: 0656 FEB 14 SUNSET: 1737														
01	CLR	NC			10.00		23	13	20	65	8	26	29.57	29.65
04	CLR	NC			10.00		24	14	21	66	11	24	29.57	29.66
07	OVC	042			10.00		26	16	23	66	13	25	29.62	29.70
10	BKN	037			10.00		31	19	27	61	11	28	29.64	29.72
13	FEW	039			10.00		34	21	29	59	25	30	29.62	29.71
16	BKN	043			10.00		37	21	31	52	18	29	29.65	29.73
19	CLR	NC			10.00		33	20	29	59	10	28	29.70	29.79
22	CLR	NC			10.00		29	19	26	66	7	26	29.75	29.83
SUNRISE: 0655 FEB 15 SUNSET: 1738														
01	CLR	NC			10.00		27	17	24	66	8	27	29.77	29.85
04	CLR	NC			10.00		25	15	22	66	6	23	29.77	29.85
07	CLR	NC			10.00		21	14	19	74	5	26	29.80	29.88
10	CLR	NC			10.00		31	16	26	54	5	27	29.82	29.90
13	CLR	NC			10.00		35	19	29	52	7	16	29.73	29.82
16	OVC	044			10.00		35	20	30	54	6	16	29.67	29.76
19	OVC	022			2.00	-SN BR	31	28	30	89	6	08	29.64	29.72
22	OVC	015			4.00	UP BR	32	30	31	92	6	03	29.54	29.63
SUNRISE: 0654 FEB 16 SUNSET: 1740														
01	OVC	015			5.00	BR	32	30	31	92	6	33	29.52	29.60
04	OVC	046			5.00	BR	32	28	30	85	6	31	29.48	29.57
07	OVC	031			8.00		30	22	27	72	10	29	29.48	29.56
10	OVC	015			1.50	-SN BR	26	22	25	85	13	28	29.48	29.56
13	CLR	NC			5.00	HZ	31	20	27	64	21	31	29.46	29.54
16	SCT	049			10.00		34	17	28	50	18	30	29.49	29.57
19	CLR	NC			10.00		32	15	27	49	14	28	29.57	29.65
22	CLR	NC			10.00		29	16	25	58	13	29	29.59	29.68
SUNRISE: 0652 FEB 17 SUNSET: 1741														
01	CLR	NC			10.00		26	14	22	60	7	26	29.61	29.69
04	BKN	050			10.00		25	17	23	72	9	25	29.59	29.68
07	SCT	048			10.00		27	18	24	69	10	25	29.62	29.70
10	CLR	NC			10.00		32	17	27	54	15	28	29.61	29.69
13	OVC	065			10.00		34	18	29	52	17	29	29.54	29.63
16	OVC	065			10.00		34	19	29	54	20	30	29.52	29.60
19	FEW	070			10.00		33	18	28	54	13	28	29.54	29.62
22	OVC	080			10.00		31	23	28	72	15	28	29.54	29.62
SUNRISE: 0651 FEB 18 SUNSET: 1742														
01	OVC	095			10.00		31	22	28	69	9	27	29.54	29.62
04	OVC	040			10.00		31	22	28	69	7	27	29.53	29.61
07	OVC	040			10.00		34	25	31	70	13	30	29.57	29.65
10	OVC	038			10.00		38	27	34	65	17	29	29.61	29.69
13	BKN	046			10.00		42	25	35	51	23	29	29.61	29.69
16	FEW	050			10.00		42	24	35	49	17	28	29.61	29.70
19	CLR	NC			10.00		38	23	32	55	9	29	29.65	29.74
22	CLR	NC			10.00		34	22	30	62	8	29	29.69	29.78
SUNRISE: 0650 FEB 19 SUNSET: 1743														
01	CLR	NC			10.00		33	20	29	59	14	29	29.70	29.80
04	SCT	049			10.00		34	22	30	62	14	28	29.72	29.81
07	BKN	047			10.00		34	22	30	62	10	26	29.75	29.84
10	SCT	043			10.00		39	24	33	55	26	30	29.80	29.88
13	BKN	046			10.00		41	24	35	51	24	30	29.80	29.89
16	CLR	NC			10.00		42	24	35	49	20	29	29.80	29.89
19	CLR	NC			10.00		40	22	33	49	14	28	29.86	29.95
22	CLR	NC			10.00		37	23	32	57	14	29	29.90	29.98
SUNRISE: 0649 FEB 20 SUNSET: 1744														
01	CLR	NC			10.00		35	20	30	54	10	29	29.91	29.99
04	CLR	NC			10.00		33	18	28	54	14	31	29.93	30.02
07	CLR	NC			10.00		33	19	28	56	17	31	29.98	30.06
10	CLR	NC			10.00		36	23	31	59	20	31	29.99	30.08
13	CLR	NC			10.00		39	23	33	53	14	30	29.96	30.04
16	CLR	NC			10.00		40	20	33	45	18	31	29.93	30.02
19	CLR	NC			10.00		38	19	31	46	7	27	29.94	30.03
22	CLR	NC			10.00		35	19	30	52	9	26	29.96	30.05
SUNRISE: 0647 FEB 21 SUNSET: 1745														
01	CLR	NC			10.00		31	18	27	59	7	29	29.96	30.04
04	CLR	NC			10.00		31	18	27	59	6	29	29.96	30.04
07	CLR	NC			10.00		26	16	23	66	8	29	29.98	30.06
10	CLR	NC			10.00		37	18	30	46	16	29	29.98	30.07
13	CLR	NC			10.00		42	19	34	40	20	31	29.94	30.03
16	CLR	NC			10.00		44	19	35	37	13	28	29.91	29.99
19	CLR	NC			10.00		42	22	35	45	5	26	29.91	30.00
22	CLR	NC			10.00		37	23	32	57	8	26	29.93	30.01
SUNRISE: 0646 FEB 22 SUNSET: 1746														
01	CLR	NC			10.00		34	23	30	64	6	34	29.93	30.01
04	OVC	090			10.00		33	23	29	67	0	00	29.91	29.99
07	CLR	NC			10.00		32	20	28	61	9	04	29.90	29.98
10	CLR	NC			10.00		36	22	31	57	6	05	29.90	29.98
13	CLR	NC			10.00		39	22	33	51	7	09	29.83	29.91
16	SCT	075			10.00		38	28	34	67	5	19	29.77	29.85
19	OVC	047			10.00	-RA	37	30	34	76	7	10	29.78	29.86
22	OVC	025			8.00	-RA	35	32	34	89	14	05	29.75	29.83
SUNRISE: 0644 FEB 23 SUNSET: 1747														
01	OVC	013			6.00	-RA BR	36	34	35	92	14	04	29.70	29.79
04	OVC	012			3.00	RA BR	36	35	36	96	11	03	29.65	29.75
07	OVC	006			5.00	RA BR	37	35	36	93	10	03	29.65	29.74
10	OVC	006			9.00	-RA	38	36	37	93	14	03	29.67	29.75
13	OVC	014			3.00	-SN BR	37	36	37	96	11	01	29.65	29.73
16	OVC	022			2.50	RA BR	37	35	36	93	11	34	29.65	29.73
19	OVC	017			6.00	-RA BR	36	34	35	92	13	36	29.67	29.75
22	OVC	020			10.00		36	33	35	89	9	33	29.67	29.76
SUNRISE: 0643 FEB 24 SUNSET: 1749														
01	OVC	022			10.00		35	33	34	92	11	33	29.67	29.76
04	OVC	032			10.00		36	33	35	89	13	32	29.67	29.76
07	CLR	NC			10.00		35	32	34	89	10	31	29.70	29.79
10	OVC	030			10.00		39	32	36	76	11	33	29.72	29.81
13	OVC	027			10.00		40	32	37	73	11	30	29.70	29.79
16	OVC	029			10.00		41	31	37	68	7	28	29.70	2

[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

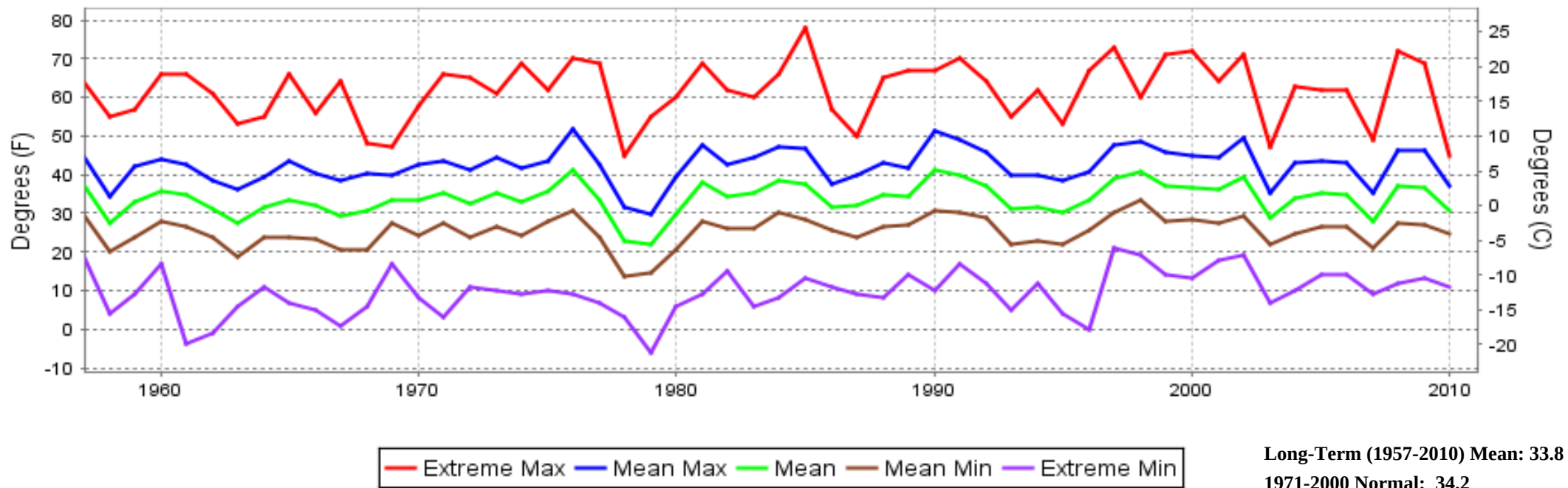
Ceiling is reported in hundreds of feet above ground level for clouds at or below 12,000 feet.
NC = No Ceiling detected.

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

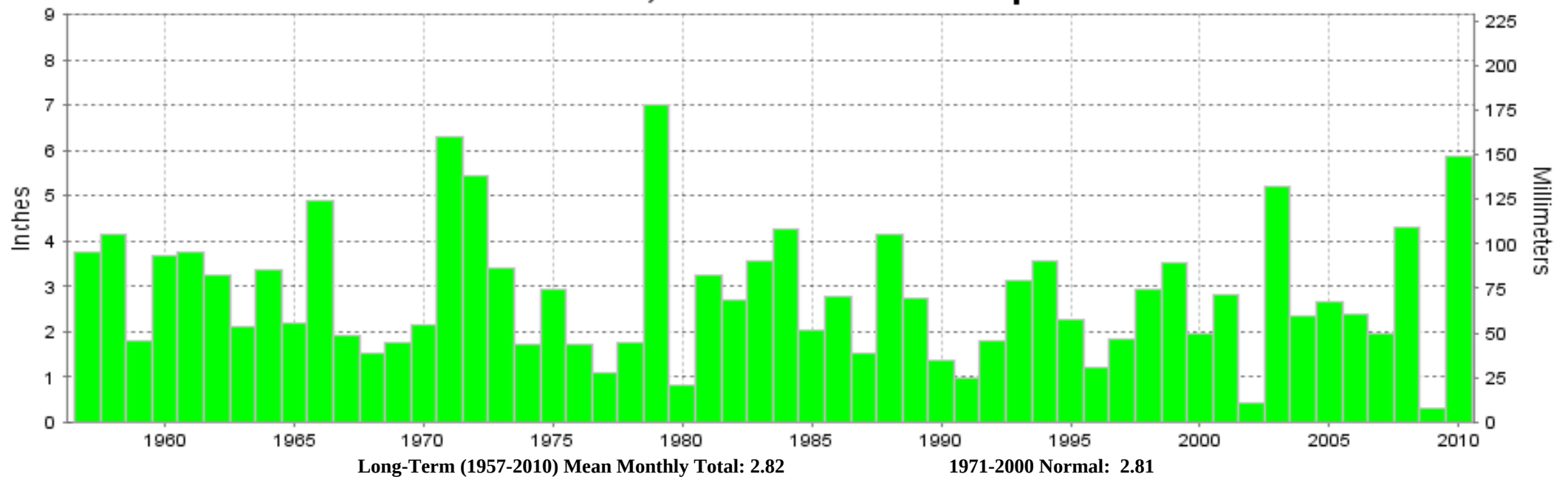
SUMMARY BY HOUR

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			29	21	26	72	29.76	29.85	8.13	10	6	30
02			28	21	26	73	29.76	29.84	8.18	10	6	30
03			28	20	26	72	29.75	29.84	8.29	11	6	30
04			28	20	26	73	29.75	29.83	8.21	9	6	30
05			28	20	26	73	29.75	29.84	8.07	9	6	30
06			28	20	26	73	29.76	29.84	8.02	10	6	30
07			27	20	25	74	29.76	29.85	8.41	10	6	30
08			28	20	25	74	29.77	29.86	7.82	10	6	30
09			30	21	27	70	29.78	29.86	7.61	11	7	30
10			32	21	28	67	29.78	29.86	7.94	13	9	29
11			33	21	29	63	29.77	29.86	7.90	14	9	29
12			34	21	30	62	29.76	29.85	7.94	14	10	29
13			35	21	30	60	29.74	29.83	8.03	15	9	29
14			35	22	31	60	29.73	29.81	8.62	15	12	29
15			36	22	31	58	29.73	29.81	8.94	14	11	29
16			36	21	31	57	29.73	29.81	9.13	14	11	29
17			35	21	30	58	29.74	29.82	9.15	13	10	29
18			34	21	30	60	29.75	29.83	9.04	11	8	29
19			33	21	29	63	29.76	29.84	8.56	10	7	30
20			32	21	28	66	29.76	29.84	8.49	10	8	30
21			32	21	28	67	29.76	29.85	8.44	10	8	30
22			31	22	28	69	29.76	29.84	8.14	10	7	30
23			31	21	28	70	29.76	29.84	8.07	10	7	30
24			30	21	27	72	29.75	29.84	7.68	9	7	30

WILMINGTON, DE FEBRUARY Temperatures



WILMINGTON, DE FEBRUARY Precipitation





FEBRUARY 2010
WILMINGTON, DE

LOCAL CLIMATOLOGICAL DATA NOAA, National Climatic Data Center

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