



MAY 2008

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	62	44	53	-5	43	49	12	0	RA	0		0.0	0.01	30.04	30.12	6.7	12	8.4	22	14	17	15	01	
02	76	47	62	4	52	56	3	0	BR HZ	0		0.0	0.00	29.89	29.98	5.2	07	6.7	21	07	16	07	02	
03	68	52	60	2	52	54	5	0	RA BR HZ	0		0.0	0.01	29.88	29.95	10.2	07	10.9	21	06	18	07	03	
04	71	52	62	4	49	54	3	0	BR HZ	0		0.0	0.00	29.88	29.97	8.2	32	9.6	24	31	20	31	04	
05	67	50	59	0	48	53	6	0		0		0.0	0.00	29.98	30.06	2.1	11	8.3	16	15	15	16	05	
06	79	47	63	4	44	53	2	0		0		0.0	0.00	29.91	29.99	1.3	30	3.5	23	01	18	01	06	
07	81	50	66	7	47	57	0	1		0		0.0	0.00	29.80	29.89	6.7	19	8.3	26	18	18	19	07	
08	75	64	70	10	59	63	0	5	RA	0		0.0	0.02	29.65	29.74	10.4	23	10.6	29	23	23	22	08	
09	65	50	58	-2	52	53	7	0	TS TSRA RA BR VCTS	0		0.0	1.94	29.57	29.65	11.3	03	13.7	35	05	28	05	09	
10	63	46	55	-6	45	50	10	0		0		0.0	0.00	29.67	29.79	5.8	31	6.9	23	32	16	31	10	
11	64	42	53	-8	46	50	12	0	RA	0		0.0	0.09	29.69	29.73	10.1	08	12.1	37	06	29	05	11	
12	51	46	49	-12	44	46	16	0	RA BR	0		0.0	0.55	29.49	29.62	18.3	03	20.2	48*	02	40*	05	12	
13	74	41*	58	-3	39	49	7	0		0		0.0	0.00	29.92	30.03	2.8	35	10.3	25	16	21	15	13	
14	75	43	59	-3	47	54	6	0	RA	0		0.0	T	29.98	30.04	4.5	18	5.5	18	20	17	20	14	
15	77	56	67	4	56	61	0	2	RA	0		0.0	T	29.84	29.91	3.2	31	5.7	18	31	14	29	15	
16	64	53	59	-4	55	56	6	0	RA BR	0		0.0	0.94	29.59	29.65	8.5	02	11.6	22	32	18	05	16	
17	73	46	60	-3	47	54	5	0	RA	0		0.0	0.01	29.52	29.60	9.3	25	12.0	26	30	21	23	17	
18	68	51	60	-3	53	56	5	0	RA BR	0		0.0	0.31	29.39	29.46	5.0	23	7.5	29	30	23	19	18	
19	62	44	53	-10	38	47	12	0		0		0.0	0.00	29.50	29.61	11.0	27	11.5	33	28	26	27	19	
20	55	43	49*	-15	47	48	16	0	RA BR	0		0.0	0.65	29.49	29.55	0.6	33	5.9	20	07	15	07	20	
21	68	47	58	-6	45	51	7	0	RA BR	0		0.0	T	29.45	29.54	8.5	25	9.2	38	24	26	24	21	
22	65	48	57	-8	42	49	8	0	RA	0		0.0	T	29.59	29.71	12.1	28	13.3	39	28	28	28	22	
23	70	44	57	-8	43	51	8	0		0		0.0	0.00	29.83	29.93	9.1	30	9.8	28	30	21	30	23	
24	74	48	61	-4	42	52	4	0		0		0.0	0.00	29.89	29.99	8.3	33	8.7	24	31	18	30	24	
25	78	48	63	-2	43	53	2	0		0		0.0	0.00	30.00	30.08	1.1	26	4.6	14	28	12	28	25	
26	82	52	67	1	55	61	0	2	RA	0		0.0	T	29.89	29.96	9.6	20	10.0	24	19	21	19	26	
27	84*	59	72	6	63	67	0	7	TS TSRA RA BR VCTS	0		0.0	0.11	29.79	29.89	5.7	24	9.1	24	36	22	01	27	
28	70	52	61	-6	40	51	4	0	RA	0		0.0	T	30.08	30.19	5.7	36	9.9	26	36	22	01	28	
29	77	45	61	-6	46	54	4	0		0		0.0	0.00	30.08	30.15	4.6	25	5.9	20	23	17	23	29	
30	82	54	68	1	56	61	0	3		0		0.0	0.00	29.99	30.07	6.8	16	7.5	22	17	20	17	30	
31	80	65	73*	6	65	67	0	8	RA BR	0		0.0	0.48	29.73	29.81	8.0	21	9.0	26	28	21	26	31	

71.0	49.3	60.2	☼	48.5	54.2	5.5	0.9	< MONTHLY AVERAGES TOTALS >				0.0	5.12	29.78	29.86	1.5	29	9.2	< MONTHLY AVERAGES				
-1.5	-3.1	-2.3		<----- DEPARTURE FROM NORMAL ----->								0.97	SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3										
DEGREE DAYS								GREATEST 24-HR PRECIPITATION : 1.94 DATE : 09				SEA LEVEL PRESSURE				DATE TIME							
MONTHLY								GREATEST 24-HR SNOWFALL : 0.0 DATE :				MAXIMUM : 30.25				28 1136							
TOTAL DEPARTURE								GREATEST SNOW DEPTH : 0 DATE :				MINIMUM : 29.34				18 1551							
SEASON TO DATE								NUMBER OF -> DAYS WITH				MAXIMUM TEMP >= 90 : 0				MINIMUM TEMP <= 32 : 0				PRECIPITATION >= 0.01 INCH : 12			
HEATING : 170 38 4391 -482								MAXIMUM TEMP <= 32 : 0				MINIMUM TEMP <= 0 : 0				PRECIPITATION >= 0.10 INCH : 7							
COOLING : 28 -34 29 -44								THUNDERSTORMS : 2				HEAVY FOG : 0				SNOWFALL >= 1.0 INCH : 0							

MAY 2008 WILMINGTON, DE

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

WILMINGTON, DE (KILG)
MAY 2008

WBAN # 13781

Date	FOR HOUR (LST) ENDING AT												Date	FOR HOUR (LST) ENDING AT												Date	Sum of Hourly Data	2400 LST Water Equiv.
	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												T	01		T	T	0.01								01	0.01	0.01	
02													02												02	0.00	0.00	
03													03										0.01		03	0.01	0.01	
04													04												04	0.00	0.00	
05													05												05	0.00	0.00	
06													06												06	0.00	0.00	
07													07												07	0.00	0.00	
08			T	T	T	0.01	T	T					08	T	0.01		T	T						T	08	0.02	0.02	
09	T	0.24	0.38	0.13	0.02	0.24	0.34	0.24	0.06	0.03	0.02	T	09	0.01	0.08	0.09	0.06	T						T	09	1.94	1.94	
10													10												10	0.00	0.00	
11													11												11	0.09	0.09	
12	0.02	0.05	0.06	0.05	0.04	0.01	0.01	T	T	0.11	0.01	0.01	12	0.01	T	0.03	0.05	0.05	0.03	T	0.01	T	T	0.02	0.07	11	0.09	0.09
13													13												12	0.55	0.55	
14													14												13	0.00	0.00	
15													15												14	T	T	
16	0.02	0.03	0.07	0.10	0.12	0.05	0.03	0.01	0.04	0.30	0.08	0.07	16	0.01	T	T			T	T	T	0.01		T	15	T	T	
17													17												16	0.94	0.94	
18	T												18	0.05	0.13	0.02		T	0.11					T	17	0.01	0.01	
19													19												18	0.31	0.31	
20					T	0.03	0.04	0.03	T	T	0.01	0.03	20	0.04	0.40	0.07	T	T	T					19	0.00	0.00		
21													21	T	T		T	T						T	20	0.65	0.65	
22													22												21	T	T	
23													23												22	T	T	
24													24												23	0.00	0.00	
25													25												24	0.00	0.00	
26													26												25	0.00	0.00	
27				T	0.01								27												26	T	T	
28					T								28												27	0.11	0.11	
29													29												28	T	T	
30													30												29	0.00	0.00	
31												T	31	0.03	0.02	0.06									30	0.00	0.00	
																									31	0.48	0.48	

* 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)	0.18	0.28	0.29	0.31	0.36	0.39	0.40	0.50	0.63	0.72	0.80	0.84
Ending Date	31	31	31	31	31	31	20	09	09	09	09	09
Ending Time (Hr/Min)	1134	1138	1142	1148	1158	1206	1403	0659	0710	0737	0752	0825

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 MAY 2008

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 COOP
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							9.00	10.00	
02							3.00	10.00	
03							2.00	10.00	
04							1.00	10.00	
05							10.00	10.00	
06							7.00	10.00	
07							10.00	10.00	
08							6.00	10.00	
09							1.50	10.00	
10							8.00	10.00	
11							8.00	10.00	
12							4.00	10.00	
13							10.00	10.00	
14							10.00	10.00	
15							10.00	10.00	
16							1.00	10.00	
17							9.00	10.00	
18							4.00	10.00	
19							10.00	10.00	
20							1.25	10.00	
21							6.00	10.00	
22							10.00	10.00	
23							10.00	10.00	
24							9.00	10.00	
25							10.00	10.00	
26							10.00	10.00	
27							6.00	10.00	
28							10.00	10.00	
29							10.00	10.00	
30							10.00	10.00	
31							3.00	10.00	
MONTHLY AVGS							7.06	10.00	
SUNSHINE (Minutes)									
Total : 0					Possible : 26709				
Percent Possible : 0									
NUMBER OF DAYS WITH : SKY CONDITION									
Clear		Partly CLDY			Cloudy			Missing	
MINIMUM VISIBILITY (MILES)									
<= .25			<= 3.0				>= 7.0		
0			7				19		

OBSERVATIONS AT 3-HOURLY INTERVALS

WILMINGTON, DE
MAY 2008
KILG

WBAN # 13781

HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE			WEATHER	TEMPERATURE °F			WIND SPEED (MPH) DIRECTION Tens of Deg	PRESSURE (INCHES, HG)		HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE			WEATHER	TEMPERATURE °F			WIND SPEED (MPH) DIRECTION Tens of Deg	PRESSURE (INCHES, HG)					
			Observation Time (LST)	Eff Cld Amt Oktas	VISIBILITY (MILES)		DRY BULB	DEW POINT	WET BULB		RELATIVE HUMIDITY (PCT)	STATION				SEA LEVEL	Observation Time (LST)	Eff Cld Amt Oktas		VISIBILITY (MILES)	DRY BULB	DEW POINT		WET BULB	RELATIVE HUMIDITY (PCT)	STATION	SEA LEVEL		
																												Observation Time (LST)	Eff Cld Amt Oktas
SUNRISE: 0450 MAY 13 SUNSET: 1907																													
01	CLR	NC			10.00		46	40	43	80	7	33	29.83	29.91	01	OVC	110			10.00		51	45	48	80	7	26	29.43	29.51
04	CLR	NC			10.00		45	36	41	71	9	32	29.88	29.95	04	CLR	NC			10.00		47	42	45	83	3	22	29.44	29.52
07	CLR	NC			10.00		53	37	46	55	10	34	29.94	30.03	07	CLR	NC			10.00		52	42	47	69	15	28	29.49	29.57
10	CLR	NC			10.00		63	37	50	38	15	36	29.98	30.06	10	SCT	090			10.00		58	36	48	44	18	26	29.51	29.59
13	CLR	NC			10.00		70	36	53	29	15	35	29.98	30.06	13	BKN	095			10.00		59	35	48	41	22	27	29.52	29.59
16	CLR	NC			10.00		72	40	55	31	6	05	29.94	30.03	16	OVC	080			10.00		58	35	47	42	17	31	29.57	29.65
19	CLR	NC			10.00		65	45	54	49	14	14	29.96	30.04	19	CLR	NC			10.00		58	34	47	41	13	27	29.61	29.68
22	CLR	NC			10.00		56	44	50	64	17	16	30.02	30.11	22	CLR	NC			10.00		50	39	45	66	3	24	29.65	29.72
SUNRISE: 0449 MAY 14 SUNSET: 1908																													
01	CLR	NC			10.00		51	38	45	61	8	18	30.01	30.10	01	CLR	NC			10.00		46	41	44	83	0	00	29.64	29.71
04	CLR	NC			10.00		47	39	43	74	0	00	29.99	30.07	04	CLR	NC			10.00		45	43	44	93	0	00	29.59	29.66
07	CLR	NC			10.00		51	43	47	74	3	29	30.03	30.11	07	OVC	060			5.00	RA BR	49	46	48	89	3	VR	29.57	29.65
10	CLR	NC			10.00		68	49	58	51	0	00	30.01	30.09	10	OVC	060			10.00		52	49	50	90	8	09	29.44	29.52
13	CLR	NC			10.00		73	53	61	50	7	15	29.96	30.05	13	OVC	014			3.00	-RA BR	51	50	50	96	10	09	29.34	29.42
16	CLR	NC			10.00		72	46	58	40	8	19	29.91	30.00	16	OVC	060			10.00		53	50	51	90	11	35	29.39	29.46
19	CLR	NC			10.00		68	49	58	51	9	16	29.91	30.00	19	SCT	055			10.00		51	49	50	93	7	27	29.41	29.50
22	CLR	NC			10.00		62	55	58	78	8	16	29.90	29.98	22	OVC	100			7.00		50	49	49	96	5	22	29.44	29.53
SUNRISE: 0448 MAY 15 SUNSET: 1909																													
01	BKN	100			10.00		62	57	59	84	3	14	29.86	29.95	01	BKN	110			7.00		49	48	48	96	5	26	29.43	29.50
04	BKN	100			10.00		60	56	58	87	0	00	29.85	29.93	04	BKN	100			8.00		49	47	48	93	7	28	29.43	29.51
07	FEW	120			10.00		62	55	58	78	0	00	29.85	29.94	07	CLR	NC			10.00		53	46	49	77	8	29	29.46	29.54
10	SCT	035			10.00		72	56	63	57	8	34	29.85	29.94	10	CLR	NC			10.00		63	40	51	43	8	24	29.47	29.54
13	OVC	049			10.00		73	57	63	57	10	32	29.85	29.94	13	BKN	080			10.00	-RA	63	41	52	45	9	23	29.44	29.52
16	CLR	NC			10.00		76	54	63	47	6	31	29.82	29.90	16	BKN	095			10.00	-RA	64	42	53	45	25	24	29.43	29.51
19	CLR	NC			10.00		71	56	62	59	5	23	29.80	29.88	19	BKN	100			10.00		59	43	51	56	15	27	29.49	29.57
22	SCT	100			10.00		69	55	61	61	9	04	29.80	29.88	22	OVC	100			10.00		53	47	50	80	8	25	29.53	29.61
SUNRISE: 0448 MAY 16 SUNSET: 1910																													
01	OVC	049			8.00	-RA	62	56	59	81	8	36	29.78	29.86	01	CLR	NC			10.00		50	45	48	83	8	25	29.54	29.62
04	OVC	080			10.00	-RA	58	54	56	87	10	03	29.70	29.78	04	CLR	NC			10.00		49	45	47	86	6	23	29.53	29.61
07	OVC	006			3.00	BR	58	57	57	97	11	09	29.64	29.72	07	SCT	090			10.00		53	46	49	77	10	24	29.57	29.65
10	OVC	008			1.00	RA BR	60	59	59	97	9	05	29.56	29.64	10	BKN	060			10.00		61	43	52	52	21	26	29.57	29.65
13	OVC	011			2.00	-RA BR	58	56	57	93	20	04	29.48	29.56	13	SCT	075			10.00		65	42	53	43	23	28	29.57	29.66
16	OVC	007			9.00		58	55	56	90	9	02	29.44	29.51	16	BKN	090			10.00		62	40	51	45	21	28	29.64	29.72
19	OVC	023			4.00	-RA BR	56	54	55	93	10	32	29.47	29.55	19	CLR	NC			10.00		59	39	49	48	17	30	29.70	29.78
22	OVC	027			9.00		53	51	52	93	15	33	29.54	29.62	22	CLR	NC			10.00		54	39	47	57	9	26	29.78	29.86
SUNRISE: 0447 MAY 17 SUNSET: 1911																													
01	OVC	090			10.00		52	47	49	83	15	32	29.57	29.65	01	CLR	NC			10.00		48	39	44	71	8	31	29.78	29.87
04	CLR	NC			10.00		48	44	46	86	9	28	29.57	29.65	04	CLR	NC			10.00		46	39	43	77	8	27	29.83	29.91
07	CLR	NC			10.00		53	46	49	77	7	28	29.59	29.67	07	CLR	NC			10.00		54	41	48	62	14	31	29.88	29.96
10	CLR	NC			10.00		67	46	56	47	8	25	29.56	29.64	10	CLR	NC			10.00		63	43	53	48	18	31	29.86	29.95
13	FEW	090			10.00		71	48	58	44	17	24	29.52	29.59	13	FEW	055			10.00		68	44	55	42	17	30	29.83	29.92
16	FEW	110			10.00		71	47	58	43	13	23	29.47	29.55	16	SCT	060			10.00		69	44	56	41	14	31	29.83	29.91
19	CLR	NC			10.00		68	50	58	53	13	20	29.44	29.52	19	CLR	NC			10.00		62	45	53	54	6	29	29.85	29.93
22	OVC	080			10.00		66	52	58	61	16	31	29.49	29.57	22	CLR	NC			10.00		59	46	52	62	5	26	29.88	29.96
SUNRISE: 0446 MAY 18 SUNSET: 1912																													
01	BKN	110			10.00		61	52	56	72	9	24	29.47	29.55	01	CLR	NC			10.00		57	43	50	60	7	35	29.91	29.98
04	CLR	NC			10.00		56	52	54	87	5	25	29.46	29.53	04	CLR	NC			10.00		49	42	46	77	6	30	29.88	29.97
07	CLR	NC			10.00		58	52	55	81	3	25	29.47	29.55	07	CLR	NC			10.00		58	44	51	60	9	32	29.91	30.00
10	FEW	110			10.00		64	49	56	58	11	16	29.36	29.45	10	CLR	NC			10.00		68	42	54	39	9	29	29.91	30.00
13	OVC	049			4.00	RA	62	56	59	81	8	23	29.33	29.41	13	SCT	070			10.00		70	41	55	35	9	34	29.88	29.97
16	CLR	NC			10.00		64	59	61	84	10	20	29.26	29.34	16	BKN	080			10.00		73	41	56	32	15	31	29.86	29.94
19	CLR	NC			10.00		57	54	55	90	3	28	29.30	29.38	19	CLR	NC			10.00		68	40	54	36	7	33	29.88	29.97
22	FEW	110			10.00		55	52	53	90	3	35	29.40	29.47	22	CLR	NC			10.00		56	42	49	60	6	32	29.96	30.04

OBSERVATIONS AT 3-HOURLY INTERVALS

WILMINGTON, DE
MAY 2008 KILG

WBAN # 13781

HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		WEATHER	TEMPERATURE °F			WIND SPEED (MPH) DIRECTION Tens of Deg	PRESSURE (INCHES, HG)			
			Observation Time (LST)	Eff Cl'd Amt Oktas		VISIBILITY (MILES)	DRY BULB	DEW POINT		WET BULB	RELATIVE HUMIDITY (PCT)	STATION	SEA LEVEL
SUNRISE: 0441 MAY 25 SUNSET: 1918													
01	CLR	NC				54	40	47	59	6	31	29.98	30.06
04	CLR	NC				50	39	45	66	3	31	29.98	30.06
07	CLR	NC				59	44	51	58	3	33	30.04	30.13
10	CLR	NC				69	44	56	41	3	VR	30.06	30.14
13	CLR	NC				74	38	55	27	6	VR	30.02	30.11
16	CLR	NC				75	40	57	28	5	VR	29.98	30.06
19	CLR	NC				70	43	56	38	7	22	29.98	30.06
22	CLR	NC				62	55	58	78	5	17	29.98	30.06
SUNRISE: 0440 MAY 26 SUNSET: 1919													
01	CLR	NC				58	47	52	67	3	24	29.96	30.05
04	CLR	NC				52	48	50	86	0	00	29.98	30.06
07	CLR	NC				61	54	57	78	10	18	29.98	30.06
10	CLR	NC				74	56	63	54	13	20	29.93	30.00
13	CLR	NC				80	58	66	47	13	20	29.85	29.94
16	CLR	NC				82	57	67	43	15	21	29.80	29.87
19	CLR	NC				79	58	66	49	13	19	29.78	29.86
22	CLR	NC				74	59	65	60	9	18	29.83	29.91
SUNRISE: 0439 MAY 27 SUNSET: 1919													
01	CLR	NC				71	60	64	68	9	20	29.78	29.86
04	OVC	110			-RA	71	61	65	71	9	22	29.78	29.86
07	OVC	070				70	62	65	76	5	22	29.83	29.91
10	CLR	NC				72	64	67	76	7	21	29.83	29.91
13	CLR	NC				79	68	72	69	10	22	29.80	29.89
16	CLR	NC				83	67	72	59	13	22	29.77	29.84
19	CLR	NC				79	66	71	65	9	21	29.78	29.85
22	OVC	035			VCTS RA BR	68	65	66	90	10	01	29.90	29.98
SUNRISE: 0439 MAY 28 SUNSET: 1920													
01	OVC	120				57	45	51	64	15	36	29.96	30.04
04	SCT	100				56	41	49	57	13	36	30.02	30.11
07	CLR	NC				58	40	49	51	14	36	30.14	30.22
10	CLR	NC				62	34	49	35	15	36	30.16	30.25
13	CLR	NC				66	36	51	33	7	VR	30.14	30.23
16	CLR	NC				69	38	53	32	8	01	30.11	30.20
19	CLR	NC				65	37	51	36	6	30	30.11	30.19
22	CLR	NC				55	48	51	77	9	18	30.14	30.22
SUNRISE: 0438 MAY 29 SUNSET: 1921													
01	CLR	NC				52	46	49	80	0	00	30.14	30.22
04	CLR	NC				47	45	46	93	3	31	30.14	30.22
07	CLR	NC				54	47	50	77	3	32	30.14	30.23
10	CLR	NC				69	43	55	39	9	23	30.11	30.19
13	CLR	NC				74	44	58	34	8	28	30.06	30.14
16	CLR	NC				77	44	59	31	7	VR	29.99	30.08
19	CLR	NC				72	45	57	38	9	24	29.99	30.08
22	CLR	NC				65	51	57	61	8	24	30.02	30.11
SUNRISE: 0438 MAY 30 SUNSET: 1922													
01	CLR	NC				60	53	56	78	3	22	30.02	30.11
04	CLR	NC				56	52	54	87	0	00	30.01	30.10
07	CLR	NC				63	56	59	78	0	00	30.06	30.14
10	CLR	NC				75	58	65	56	3	VR	30.06	30.14
13	CLR	NC				81	57	66	44	14	15	29.99	30.08
16	CLR	NC				79	56	65	45	15	16	29.94	30.03
19	CLR	NC				74	59	65	60	10	15	29.93	30.01
22	CLR	NC				69	58	62	68	13	16	29.91	30.00

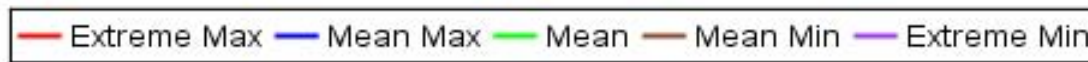
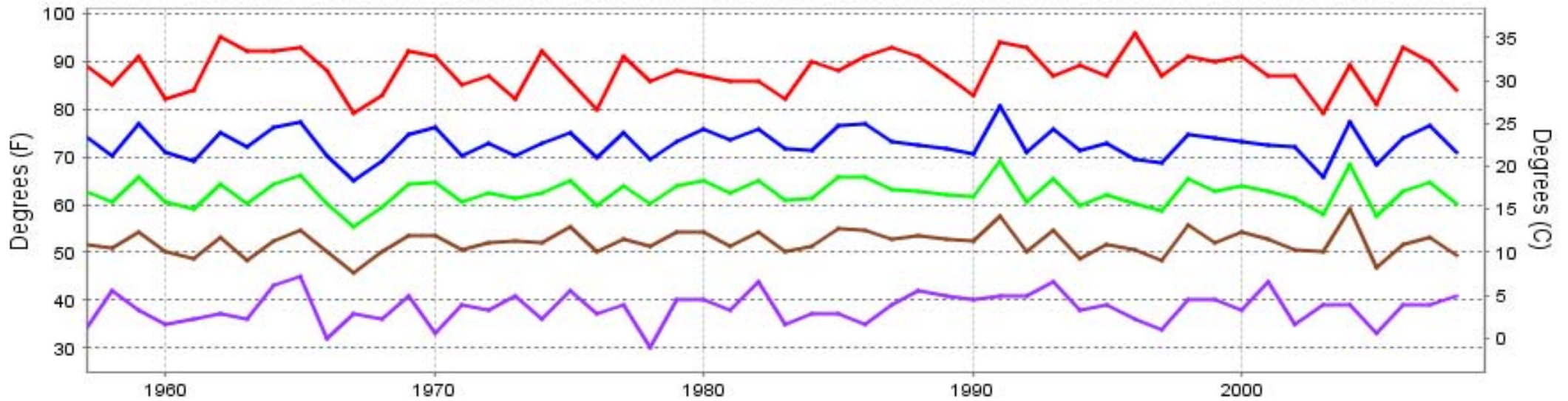
HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		WEATHER	TEMPERATURE °F			WIND SPEED (MPH) DIRECTION Tens of Deg	PRESSURE (INCHES, HG)			
			Observation Time (LST)	Eff Cl'd Amt Oktas		VISIBILITY (MILES)	DRY BULB	DEW POINT		WET BULB	RELATIVE HUMIDITY (PCT)	STATION	SEA LEVEL
SUNRISE: 0437 MAY 31 SUNSET: 1923													
01	FEW	045				66	54	59	65	8	17	29.88	29.96
04	BKN	110				66	61	63	84	8	16	29.82	29.89
07	CLR	NC				72	65	68	79	10	19	29.78	29.85
10	CLR	NC				80	68	72	67	15	22	29.72	29.80
13	SCT	090			-RA	72	69	70	90	8	22	29.67	29.75
16	CLR	NC				70	67	68	90	10	23	29.64	29.72
19	CLR	NC				71	66	68	84	9	23	29.65	29.74
22	CLR	NC			BR	68	66	67	93	8	16	29.70	29.78

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

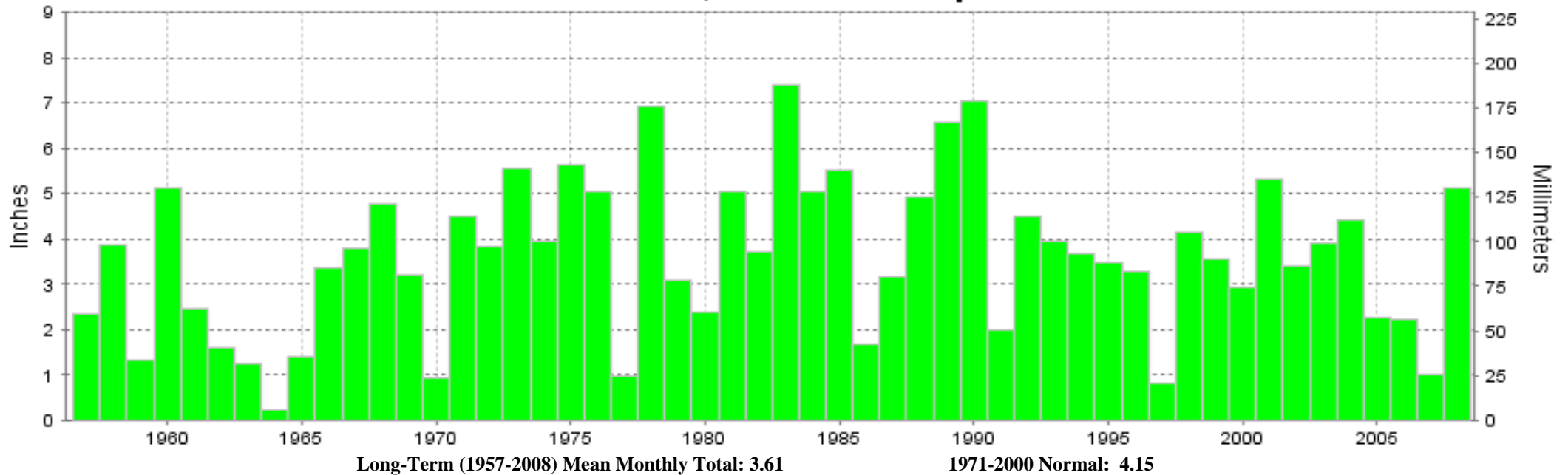
HOUR (LST)	AVERAGES								RESULTANT WIND (MPH)			
	CEILOMETER	EFF CLD AMT	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY	PRESSURE (Inches, HG)		WIND SPEED (MPH)	DIRECTION		
							STATION	SEA LEVEL				
01			55	47	51	77	29.79	29.87	9.35	7	2	31
02			54	47	50	78	29.78	29.86	9.13	6	1	32
03			53	46	50	79	29.78	29.86	9.05	7	1	33
04			52	46	50	81	29.78	29.86	9.32	6	1	34
05			52	47	49	83	29.79	29.87	8.94	7	1	02
06			53	48	50	83	29.80	29.88	8.23	7	1	02
07			56	49	52	77	29.81	29.89	8.34	8	1	33
08			59	49	54	69	29.81	29.89	8.59	10	1	35
09			62	49	55	63	29.80	29.88	8.90	9	1	32
10			64	49	56	59	29.80	29.88	8.97	11	2	30
11			66	49	57	58	29.79	29.87	8.93	12	1	33
12			67	49	57	56	29.78	29.86	8.81	12	1	32
13			67	49	57	55	29.77	29.85	8.94	12	3	29
14			68	49	57	54	29.76	29.84	8.69	12	3	29
15			68	49	58	54	29.74	29.83	9.29	12	4	28
16			68	49	58	54	29.74	29.82	9.68	12	4	28
17			68	49	57	54	29.74	29.82	9.55	11	5	28
18			66	49	57	57	29.75	29.83	9.58	10	4	28
19			64	49	56	61	29.76	29.84	9.81	9	3	29
20			62	50	55	67	29.77	29.85	9.90	9	1	31
21			60	50	55	71	29.78	29.86	9.52	9	1	33
22			59	50	54	74	29.79	29.87	9.52	9	1	35
23			58	49	53	74	29.79	29.87	9.39	8	1	32
24			56	49	52	76	29.79	29.87	9.48	7	2	31

WILMINGTON, DE MAY Temperatures



Long-Term (1957-2008) Mean: 62.4
1971-2000 Normal: 62.5

WILMINGTON, DE MAY Precipitation



Long-Term (1957-2008) Mean Monthly Total: 3.61

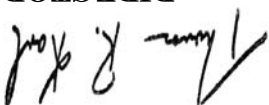
1971-2000 Normal: 4.15



MAY 2008
WILMINGTON, DE

LOCAL CLIMATOLOGICAL DATA NOAA, National Climatic Data Center

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