



APRIL 2009 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 1	Temperature °F						Deg Days BASE 65°		WEATHER 10	SNOW/ICE ON GND(IN)		PRECIPITATION ON GND(IN)		PRESSURE (INCHES OF HG)		WIND SPEED = MPH DIR = TENS OF DEGREES								Date 24
	MAXIMUM 2	MINIMUM 3	AVERAGE 4	DEP FROM NORMAL 5	AVERAGE DEW PT 6	AVERAGE WET BULB 7	HEATING 8	COOLING 9		0700 LST	1300 LST	2400 LST	2400 LST	AVERAGE STATION 15	AVERAGE SEA LEVEL 16	RESULTANT SPEED 17	RES DIR 18	AVERAGE SPEED 19	MAXIMUM					
																			3-SEC		2-MIN			
11	12	13	14	15	16	17	18	19	20	21	22	23	24											
01	52	40	46	-2	45	46	19	0	RA BR	0		0.0	0.21	30.01	30.08	6.4	11	7.0	21	14	16	14	01	
02	63	49	56	8	51	53	9	0	RA FG+ FG BR	0		0.0	T	29.89	29.96	3.6	09	6.9	18	09	15	16	02	
03	72	54	63	15	51	55	2	0	RA BR	0		0.0	0.71	29.31	29.37	5.1	22	15.4	43	25	32	27	03	
04	62	47	55	6	31	44	10	0		0		0.0	0.00	29.53	29.65	20.4	29	20.8	46*	30	36*	30	04	
05	67	42	55	6	30	44	10	0		0		0.0	0.00	29.73	29.81	6.3	27	9.5	30	30	24	29	05	
06	60	46	53	4	45	49	12	0	RA BR	0		0.0	0.30	29.33	29.38	1.8	34	8.4	29	29	24	29	06	
07	49	36	43	-6	24	35	22	0		0		0.0	0.00	29.37	29.50	16.6	29	16.8	33	29	26	30	07	
08	54	36	45	-5	24	37	20	0	SN	0		T	T	29.61	29.70	10.5	25	11.1	31	30	25	25	08	
09	63	33	48	-2	28	41	17	0	RA	0		0.0	T	29.77	29.88	4.8	25	6.2	24	24	17	30	09	
10	67	42	55	5	44	50	10	0	RA	0		0.0	T	29.85	29.93	3.3	08	5.4	20	16	15	07	10	
11	53	40	47	-4	40	45	18	0	RA BR HZ	0		0.0	0.50	29.76	29.87	11.4	01	13.4	29	33	23	34	11	
12	53	31	42*	-9	17	34	23	0		0		0.0	0.00	30.07	30.18	12.8	33	13.4	36	31	29	31	12	
13	56	30*	43	-8	21	36	22	0	RA BR	0		0.0	0.15	30.11	30.18	4.1	28	6.8	20	29	14	29	13	
14	49	42	46	-6	44	45	19	0	RA BR	0		0.0	0.52	29.86	29.93	11.6	06	12.4	29	05	23	05	14	
15	48	37	43	-9	40	42	22	0	RA BR	0		0.0	0.51	29.87	29.99	13.9	04	15.0	40	04	31	05	15	
16	64	36	50	-2	31	41	15	0	BR	0		0.0	0.00	30.17	30.28	1.7	09	8.7	22	04	17	05	16	
17	69	35	52	-1	29	43	13	0		0		0.0	0.00	30.17	30.24	4.1	29	5.8	24	29	16	31	17	
18	77	48	63	10	33	49	2	0		0		0.0	0.00	29.96	30.03	7.0	26	8.0	22	28	17	27	18	
19	67	49	58	5	38	48	7	0		0		0.0	0.00	29.91	30.02	6.9	10	9.5	24	10	18	10	19	
20	52	47	50	-4	45	48	15	0	RA BR	0		0.0	0.85	29.85	29.91	12.3	07	13.4	30	08	23	08	20	
21	68	48	58	4	49	52	7	0	TS TSRA RA BR VCTS	0		0.0	0.20	29.64	29.73	2.0	25	6.5	31	30	24	30	21	
22	53	45	49	-6	41	45	16	0	RA	0		0.0	0.01	29.66	29.76	4.3	25	5.7	25	32	18	30	22	
23	60	42	51	-4	33	43	14	0	RA	0		0.0	T	29.91	30.03	11.5	30	12.3	35	30	26	29	23	
24	72	38	55	-1	41	49	10	0		0		0.0	0.00	30.17	30.26	6.0	19	7.1	24	19	21	16	24	
25	88	51	70	14	55	61	0	5	RA BR	0		0.0	T	30.11	30.20	4.6	19	5.3	24	13	14	21	25	
26	91*	64	78*	22	53	63	0	13		0		0.0	0.00	30.12	30.22	3.5	29	7.0	22	29	17	29	26	
27	89	62	76	19	54	63	0	11		0		0.0	0.00	30.19	30.28	5.6	21	6.4	22	20	17	21	27	
28	86	64	75	18	51	61	0	10		0		0.0	0.00	30.12	30.21	8.1	23	10.5	29	01	22	36	28	
29	68	51	60	3	45	50	5	0	RA	0		0.0	0.07	30.32	30.43	5.3	06	9.3	28	05	22	05	29	
30	64	49	57	-1	45	51	8	0	RA	0		0.0	T	30.27	30.33	7.1	16	8.4	21	17	17	17	30	

64.5	44.5	54.5	☼	39.3	47.4	11.6	1.3	< MONTHLY AVERAGES TOTALS >				T	4.03	29.89	29.98	1.9	30	9.7	< MONTHLY AVERAGES				
1.9	2.4	2.1		-----DEPARTURE FROM NORMAL ----->				0.64				SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3											
DEGREE DAYS								GREATEST 24-HR PRECIPITATION : 0.85 DATE : 20				SEA LEVEL PRESSURE				DATE TIME							
MONTHLY								GREATEST 24-HR SNOWFALL : T DATE : 08				MAXIMUM : 30.50				29 1151							
TOTAL DEPARTURE								GREATEST SNOW DEPTH : 0 DATE :				MINIMUM : 29.15				03 1451							
SEASON TO DATE								NUMBER OF -> DAYS WITH				MAXIMUM TEMP >= 90 : 1				MINIMUM TEMP <= 32 : 2				PRECIPITATION >= 0.01 INCH : 11			
HEATING : 347 -29 4668 -73								MAXIMUM TEMP <= 32 : 0				MINIMUM TEMP <= 0 : 0				PRECIPITATION >= 0.10 INCH : 9							
COOLING : 39 -30 39 28								THUNDERSTORMS : 1				HEAVY FOG : 1				SNOWFALL >= 1.0 INCH : 0							

APRIL 2009
WILMINGTON, DE

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

WILMINGTON, DE (KILG)
APRIL 2009

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	T	T	T	T		01	T	0.01		0.05	0.04	T	0.03	0.04	0.01	0.02	0.01	01	0.21	0.21			
02													02											T	02	T	T			
03	T	0.01	0.04	0.08	0.09	0.03	0.06	0.01	0.01	0.05	0.30	0.03	03			T	T	T						T	03	0.71	0.71			
04													04													04	0.00	0.00		
05													05													05	0.00	0.00		
06							T						06	0.04	0.03	T		0.03	T						06	0.30	0.30			
07											0.10	0.06	0.04	07											07	0.00	0.00			
08							T						08												08	T	T			
09													09												09	T	T			
10												T	10												10	T	T			
11					0.04	0.12	0.10	0.05	0.02	0.03	0.02	0.06	11	0.04	0.02	T									11	0.50	0.50			
12													12												12	0.00	0.00			
13													13												13	0.15	0.15			
14	0.05	0.03	0.03	0.04	0.05	0.03	0.05	0.06	0.10		T	T	0.03	14	0.02	0.01	0.01	0.01	T	T	T		T	0.02	0.07	0.06	14	0.52	0.52	
15	0.02	0.02	0.15	0.05	T	T	0.01	T			T	0.01	0.01	15	T	T	0.05	0.08	0.07	0.02	0.02			T				15	0.51	0.51
16													16												16	0.00	0.00			
17													17												17	0.00	0.00			
18													18												18	0.00	0.00			
19													19												19	0.00	0.00			
20			T	T	T	0.01	T	0.02	0.03	0.10	0.14	0.07	20	0.02	0.02	0.05	0.11	0.17	0.03	0.03		T	T	0.01	0.01	0.03	20	0.85	0.85	
21													21												21	0.20	0.20			
22													22	T		T	T	T	T		0.12	0.08	T		22	0.01	0.01			
23						T							23												23	T	T			
24													24												24	0.00	0.00			
25						T	T						25												25	T	T			
26													26												26	0.00	0.00			
27													27												27	0.00	0.00			
28													28												28	0.00	0.00			
29				T	T	T	0.02	0.04	0.01				29												29	0.07	0.07			
30													30												30	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)	0.11	0.15	0.18	0.24	0.28	0.31	0.32	0.34	0.37	0.37	0.38	0.38
Ending Date	03	03	03	03	03	03	03	03	03	03	03	03
Ending Time (Hr/Min)	1053	1055	1055	1053	1100	1105	1055	1105	1105	1134	1134	1134

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 APRIL 2009

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							2.00	10.00	
02							0.25	10.00	
03							1.00	10.00	
04							10.00	10.00	
05							10.00	10.00	
06							1.75	10.00	
07							10.00	10.00	
08							10.00	10.00	
09							10.00	10.00	
10							10.00	10.00	
11							2.00	10.00	
12							10.00	10.00	
13							5.00	10.00	
14							1.00	10.00	
15							2.50	10.00	
16							5.00	10.00	
17							10.00	10.00	
18							10.00	10.00	
19							10.00	10.00	
20							1.50	10.00	
21							3.00	10.00	
22							8.00	10.00	
23							10.00	10.00	
24							10.00	10.00	
25							4.00	10.00	
26							10.00	10.00	
27							10.00	10.00	
28							10.00	10.00	
29							7.00	10.00	
30							8.00	10.00	
MONTHLY AVGS							6.73	10.00	
SUNSHINE (Minutes)									
Total : 0					Possible : 23903				
Percent Possible : 0									
NUMBER OF DAYS WITH : SKY CONDITION									
Clear		Partly CLDY			Cloudy			Missing	
MINIMUM VISIBILITY (MILES)									
<= .25			<= 3.0			>= 7.0			
1			9			18			

OBSERVATIONS AT 3-HOURLY INTERVALS

WILMINGTON, DE
APRIL 2009
KILG

WBAN # 13781

HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			WIND		PRESSURE (INCHES, HG)		HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			WIND		PRESSURE (INCHES, HG)			
			Observation Time (LST)	Eff Cld Amt Oktas			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	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL
<p>SUNRISE: 0547 APR 01 SUNSET: 1826</p>																													
01	FEW	012			10.00		40	37	39	89	7	09	30.07	30.16	01	OVC	050			10.00		44	28	37	53	20	29	29.27	29.35
04	OVC	022			10.00		42	38	40	86	3	08	30.09	30.17	04	CLR	NC			10.00		38	25	33	60	15	28	29.31	29.39
07	BKN	090			10.00	-RA	44	41	43	89	10	08	30.06	30.14	07	SCT	110			10.00		39	25	34	57	9	27	29.36	29.44
10	OVC	021			10.00		49	42	46	77	8	11	30.06	30.15	10	BKN	049			10.00		44	23	36	44	17	29	29.40	29.47
13	OVC	021			10.00		52	45	49	77	9	15	29.98	30.07	13	OVC	060			10.00		46	21	36	37	21	29	29.40	29.47
16	OVC	011			2.00	+RA BR	51	48	49	90	9	14	29.93	30.01	16	BKN	080			10.00		45	23	36	42	23	29	29.43	29.51
19	OVC	046			4.00	RA BR	51	49	50	93	8	14	29.93	30.00	19	CLR	NC			10.00		41	22	34	47	14	28	29.49	29.58
22	OVC	020			3.00	BR	50	50	50	100	0	00	29.94	30.02	22	CLR	NC			10.00		37	24	32	59	8	29	29.57	29.66
<p>SUNRISE: 0546 APR 02 SUNSET: 1827</p>																													
01	OVC	003			3.00	BR	51	51	51	100	3	06	29.93	30.01	01	FEW	090			10.00		36	23	31	59	8	24	29.59	29.68
04	OVC	003			2.50	BR	52	51	51	96	3	02	29.93	30.01	04	SCT	095			10.00		38	24	33	57	9	25	29.59	29.67
07	OVC	013			4.00	BR	49	48	48	96	7	36	29.96	30.05	07	OVC	100			10.00		37	30	34	76	9	26	29.64	29.72
10	OVC	060			10.00		56	50	53	80	8	05	29.98	30.06	10	SCT	100			10.00		46	25	38	44	15	25	29.62	29.71
13	OVC	018			10.00		62	53	57	73	9	09	29.90	29.97	13	FEW	070			10.00		51	24	40	35	15	27	29.61	29.68
16	OVC	020			10.00		59	53	56	81	9	18	29.85	29.94	16	BKN	090			10.00		53	23	41	31	14	26	29.57	29.65
19	OVC	001			2.00	BR	53	53	53	100	5	17	29.80	29.89	19	OVC	100			10.00		50	21	39	32	5	22	29.62	29.71
22	OVC	046			10.00	BR	56	53	54	90	7	11	29.78	29.85	22	SCT	090			10.00		44	27	37	51	7	21	29.69	29.77
<p>SUNRISE: 0544 APR 03 SUNSET: 1828</p>																													
01	OVC	045			10.00	BR	54	52	53	93	10	08	29.65	29.74	01	CLR	NC			10.00		44	25	37	47	5	23	29.70	29.79
04	OVC	008			5.00	-RA BR	55	53	54	93	14	09	29.49	29.57	04	CLR	NC			10.00		35	32	34	89	5	32	29.73	29.81
07	OVC	006			3.00	-RA BR	56	55	55	96	15	11	29.36	29.44	07	CLR	NC			10.00		40	31	36	70	0	00	29.80	29.88
10	OVC	002			1.00	-RA BR	57	56	56	96	9	10	29.19	29.26	10	CLR	NC			10.00		56	24	43	29	9	30	29.82	29.90
13	BKN	002			4.00	BR	60	59	59	97	9	16	29.08	29.16	13	CLR	NC			10.00		60	23	44	24	9	24	29.78	29.86
16	OVC	075			10.00		69	51	59	53	17	25	29.09	29.16	16	SCT	090			10.00		62	26	46	25	10	24	29.77	29.85
19	FEW	055			10.00		64	49	56	58	24	26	29.20	29.27	19	FEW	095			10.00		56	25	43	30	6	22	29.83	29.91
22	OVC	060			10.00		57	40	49	53	26	28	29.34	29.42	22	CLR	NC			10.00		47	38	43	71	6	17	29.88	29.97
<p>SUNRISE: 0542 APR 04 SUNSET: 1829</p>																													
01	OVC	060			10.00		54	38	46	55	15	27	29.39	29.47	01	CLR	NC			10.00		44	38	41	80	0	00	29.93	30.01
04	OVC	060			10.00		54	37	46	53	25	27	29.43	29.50	04	CLR	NC			10.00		43	37	40	79	0	00	29.91	30.00
07	CLR	NC			10.00		48	28	40	46	24	27	29.53	29.61	07	FEW	110			10.00		48	41	45	77	0	00	29.96	30.04
10	CLR	NC			10.00		52	28	42	40	24	28	29.57	29.65	10	CLR	NC			10.00		55	42	49	62	6	10	29.93	30.01
13	CLR	NC			10.00		59	32	47	36	18	29	29.57	29.65	13	CLR	NC			10.00		66	41	53	40	8	10	29.83	29.92
16	CLR	NC			10.00		61	32	48	34	25	30	29.57	29.65	16	CLR	NC			10.00		65	51	57	61	6	19	29.75	29.84
19	CLR	NC			10.00		53	31	43	43	13	30	29.65	29.73	19	OVC	090			10.00		64	51	57	63	3	01	29.72	29.81
22	CLR	NC			10.00		50	29	41	44	14	29	29.72	29.80	22	CLR	NC			10.00		56	47	51	72	9	04	29.75	29.84
<p>SUNRISE: 0541 APR 05 SUNSET: 1830</p>																													
01	CLR	NC			10.00		48	26	39	42	17	29	29.75	29.83	01	CLR	NC			8.00		50	45	48	83	8	07	29.75	29.83
04	CLR	NC			10.00		45	27	38	49	13	27	29.77	29.85	04	BKN	120			7.00		50	45	48	83	14	05	29.69	29.77
07	CLR	NC			10.00		46	27	38	48	13	27	29.82	29.90	07	OVC	027			2.00	-RA BR	49	47	48	93	10	03	29.67	29.76
10	CLR	NC			10.00		56	29	44	36	15	32	29.80	29.89	10	OVC	019			7.00	-RA	49	46	48	89	17	03	29.70	29.78
13	CLR	NC			10.00		63	28	47	27	13	27	29.75	29.83	13	OVC	022			9.00	-RA	48	45	47	89	16	35	29.78	29.86
16	CLR	NC			10.00		65	29	49	26	7	20	29.69	29.77	16	OVC	026			10.00		50	42	46	74	18	34	29.82	29.90
19	CLR	NC			10.00		58	33	47	39	6	19	29.67	29.75	19	CLR	NC			10.00		48	38	43	68	7	33	29.85	29.94
22	CLR	NC			10.00		52	36	45	55	6	13	29.65	29.72	22	CLR	NC			10.00		44	21	35	40	15	34	29.98	30.06
<p>SUNRISE: 0539 APR 06 SUNSET: 1831</p>																													
01	CLR	NC			10.00		51	37	45	59	7	10	29.57	29.64	01	CLR	NC			10.00		39	19	32	45	11	33	30.02	30.11
04	CLR	NC			10.00		49	40	45	71	8	09	29.44	29.52	04	CLR	NC			10.00		33	20	29	59	7	31	30.06	30.14
07	CLR	NC			10.00		52	46	49	80	3	05	29.38	29.46	07	CLR	NC			10.00		39	21	33	48	8	31	30.11	30.20
10	OVC	060			1.75	+RA BR	55	52	53	90	5	04	29.33	29.40	10	FEW	060			10.00		46	22	37	39	15	32	30.11	30.19
13	SCT	090			10.00		57	51	54	80	6	11	29.20	29.28	13	CLR	NC			10.00		49	18	37	29	18	32	30.10	30.18
16	BKN	034			10.00		59	53	56	81	8	18	29.15	29.23	16	CLR	NC			10.00		52	15	38	23	21	32	30.04	30.13
19	OVC	120			10.00		54	47	50	77	6	25	29.19	29.27	19	CLR	NC			10.00		48	13	36	24	8	35	30.07	30.16
22	BKN	090			10.00		49	34	42	56	17	29	29.25	29.33	22	CLR	NC			10.00		43	14	33	31	15	01	30.14	30.22

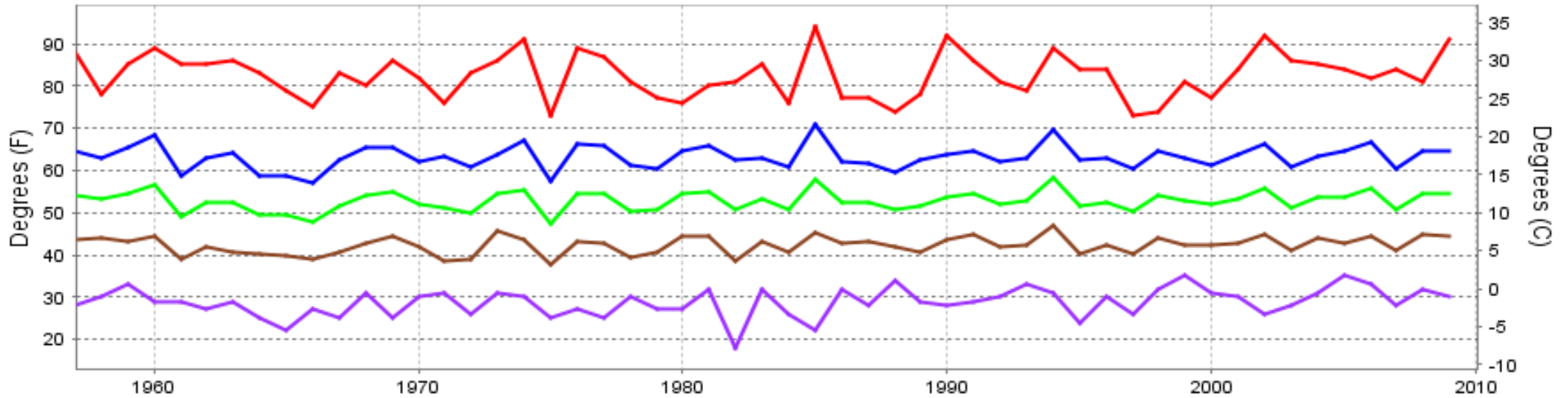
OBSERVATIONS AT 3-HOURLY INTERVALS

WILMINGTON, DE
APRIL 2009
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		DRY BULB	DEW POINT	WET BULB		RELATIVE HUMIDITY (PCT)	STATION				SEA LEVEL	Observation Time (LST)		Eff Cld Amt Oktas	DRY BULB	DEW POINT		WET BULB	RELATIVE HUMIDITY (PCT)	STATION	SEA LEVEL		
			Visibility (MILES)	Visibility (MILES)		Visibility (MILES)	Visibility (MILES)	Visibility (MILES)		Visibility (MILES)	Visibility (MILES)				Visibility (MILES)	Visibility (MILES)		Visibility (MILES)	Visibility (MILES)	Visibility (MILES)		Visibility (MILES)	Visibility (MILES)	Visibility (MILES)	Visibility (MILES)	Visibility (MILES)	
SUNRISE: 0529 APR 13						SUNSET: 1838						SUNRISE: 0520 APR 19						SUNSET: 1844									
01	CLR	NC			10.00	35	16	29	46	6	32	30.19	30.28	01	CLR	NC			10.00	56	38	47	51	6	24	29.85	29.93
04	CLR	NC			10.00	35	17	29	48	5	31	30.17	30.26	04	CLR	NC			10.00	50	40	45	69	5	32	29.85	29.93
07	CLR	NC			10.00	39	19	32	45	5	30	30.19	30.27	07	CLR	NC			10.00	57	40	49	53	14	05	29.91	29.99
10	CLR	NC			10.00	47	17	36	30	8	30	30.15	30.23	10	CLR	NC			10.00	62	41	51	46	10	06	29.96	30.03
13	CLR	NC			10.00	52	18	39	26	7	VR	30.09	30.16	13	CLR	NC			10.00	66	44	54	45	7	12	29.93	30.02
16	CLR	NC			10.00	55	18	41	23	6	VR	30.01	30.08	16	CLR	NC			10.00	62	43	52	50	16	11	29.93	30.02
19	CLR	NC			10.00	51	23	40	33	9	22	29.99	30.08	19	OVC	085			10.00	53	32	44	45	14	11	30.01	30.09
22	OVC	065			10.00	47	33	41	58	10	23	30.02	30.11	22	OVC	100			10.00	50	29	41	44	10	10	30.03	30.11
SUNRISE: 0527 APR 14						SUNSET: 1839						SUNRISE: 0518 APR 20						SUNSET: 1845									
01	OVC	055			6.00	42	41	42	96	5	13	29.99	30.08	01	BKN	095			10.00	49	32	42	52	10	08	29.99	30.08
04	OVC	005			3.00	43	41	42	93	6	11	29.93	30.02	04	OVC	110			10.00	48	41	45	77	11	09	29.98	30.06
07	OVC	003			2.00	44	43	44	96	7	12	29.93	30.01	07	OVC	016			10.00	48	43	46	83	17	09	29.93	30.02
10	OVC	016			10.00	47	45	46	93	11	06	29.88	29.96	10	OVC	021			3.00	48	46	47	93	16	09	29.91	30.00
13	OVC	012			1.00	48	47	48	96	18	06	29.80	29.88	13	OVC	008			10.00	50	48	49	93	17	09	29.82	29.90
16	OVC	011			2.00	46	45	46	96	15	05	29.78	29.86	16	OVC	010			2.50	52	50	51	93	16	08	29.73	29.82
19	OVC	009			3.00	45	44	45	96	20	06	29.77	29.85	19	OVC	004			4.00	50	48	49	93	14	06	29.70	29.77
22	OVC	011			4.00	46	45	46	96	16	05	29.77	29.85	22	OVC	002			1.75	50	50	50	100	8	03	29.69	29.77
SUNRISE: 0526 APR 15						SUNSET: 1840						SUNRISE: 0517 APR 21						SUNSET: 1846									
01	OVC	012			2.50	47	45	46	93	20	05	29.75	29.83	01	OVC	004			3.00	51	51	51	100	10	29	29.67	29.75
04	OVC	007			7.00	47	45	46	93	18	05	29.75	29.83	04	OVC	006			10.00	49	47	48	93	10	31	29.69	29.76
07	OVC	007			4.00	47	45	46	93	15	04	29.80	29.88	07	OVC	008			10.00	50	47	48	90	5	33	29.72	29.80
10	OVC	015			10.00	45	42	44	89	26	05	29.85	29.93	10	BKN	014			10.00	57	49	53	75	0	00	29.70	29.78
13	OVC	035			10.00	44	34	40	68	24	06	29.93	30.01	13	CLR	NC			10.00	63	50	56	63	6	08	29.62	29.70
16	OVC	033			5.00	42	37	40	83	16	04	29.98	30.06	16	CLR	NC			10.00	67	48	57	51	8	21	29.54	29.63
19	OVC	047			10.00	40	37	39	89	3	35	30.02	30.11	19	CLR	NC			10.00	56	49	52	78	14	17	29.57	29.65
22	FEW	100			10.00	40	38	39	93	6	32	30.09	30.17	22	OVC	110			10.00	51	50	50	96	3	19	29.67	29.75
SUNRISE: 0524 APR 16						SUNSET: 1841						SUNRISE: 0515 APR 22						SUNSET: 1847									
01	CLR	NC			7.00	38	35	37	89	8	32	30.10	30.18	01	CLR	NC			10.00	49	47	48	93	5	24	29.67	29.75
04	CLR	NC			7.00	38	36	37	93	8	34	30.12	30.21	04	CLR	NC			10.00	48	44	46	86	3	23	29.67	29.76
07	CLR	NC			9.00	44	37	41	77	7	01	30.19	30.27	07	SCT	110			9.00	48	45	47	89	5	29	29.69	29.77
10	CLR	NC			10.00	55	27	43	34	10	04	30.23	30.31	10	BKN	039			10.00	50	40	45	69	5	24	29.70	29.78
13	CLR	NC			10.00	61	28	46	29	6	02	30.22	30.30	13	OVC	049			10.00	50	41	46	71	3	23	29.62	29.71
16	CLR	NC			10.00	61	27	46	27	3	17	30.19	30.27	16	OVC	060			10.00	52	41	47	66	9	16	29.59	29.68
19	CLR	NC			10.00	50	34	43	54	14	17	30.20	30.28	19	FEW	070			10.00	48	38	43	68	8	29	29.67	29.75
22	CLR	NC			10.00	46	30	39	54	8	18	30.24	30.33	22	CLR	NC			10.00	45	37	41	74	9	24	29.75	29.83
SUNRISE: 0523 APR 17						SUNSET: 1842						SUNRISE: 0514 APR 23						SUNSET: 1848									
01	CLR	NC			10.00	43	27	37	53	5	20	30.24	30.33	01	CLR	NC			10.00	43	33	39	68	6	24	29.75	29.84
04	CLR	NC			10.00	39	29	35	67	0	00	30.23	30.32	04	CLR	NC			10.00	45	37	41	74	10	27	29.78	29.85
07	CLR	NC			10.00	41	33	38	73	3	32	30.24	30.33	07	BKN	060			10.00	45	37	41	74	10	27	29.88	29.96
10	CLR	NC			10.00	60	27	46	28	5	36	30.24	30.32	10	BKN	060			10.00	53	33	44	47	14	31	29.93	30.02
13	CLR	NC			10.00	67	26	49	21	11	34	30.17	30.26	13	FEW	060			10.00	58	34	47	41	21	32	29.96	30.05
16	CLR	NC			10.00	68	26	49	21	15	28	30.09	30.18	16	SCT	070			10.00	60	31	47	34	24	30	29.98	30.07
19	CLR	NC			10.00	64	26	47	24	5	26	30.06	30.15	19	CLR	NC			10.00	54	31	44	42	7	31	30.03	30.12
22	CLR	NC			10.00	54	32	44	43	7	25	30.04	30.13	22	CLR	NC			10.00	49	31	41	50	5	29	30.11	30.20
SUNRISE: 0521 APR 18						SUNSET: 1843						SUNRISE: 0513 APR 24						SUNSET: 1849									
01	CLR	NC			10.00	50	38	44	64	3	32	30.02	30.10	01	CLR	NC			10.00	43	33	39	68	0	00	30.15	30.23
04	CLR	NC			10.00	50	31	42	48	6	30	30.01	30.09	04	CLR	NC			10.00	41	33	38	73	0	00	30.17	30.25
07	CLR	NC			10.00	55	32	45	42	6	30	30.01	30.10	07	CLR	NC			10.00	47	39	43	74	5	26	30.24	30.33
10	CLR	NC			10.00	70	31	51	24	8	32	30.01	30.10	10	CLR	NC			10.00	63	40	52	43	11	21	30.23	30.32
13	CLR	NC			10.00	75	32	54	21	13	24	29.94	30.03	13	CLR	NC			10.00	70	40	55	34	11	22	30.19	30.28
16	CLR	NC			10.00	76	32	54	20	14	25	29.88	29.96	16	CLR	NC			10.00	68	43	55	41	15	17	30.12	30.21
19	CLR	NC			10.00	68	35	52	30	9	23	29.85	29.94	19	CLR	NC			10.00	62	46	54	56	7	16	30.14	30.22
22	CLR	NC			10.00	58	36	48	44	6	25	29.88	29.96	22	CLR	NC			10.00	55	49	52	80	7	16	30.16	30.24

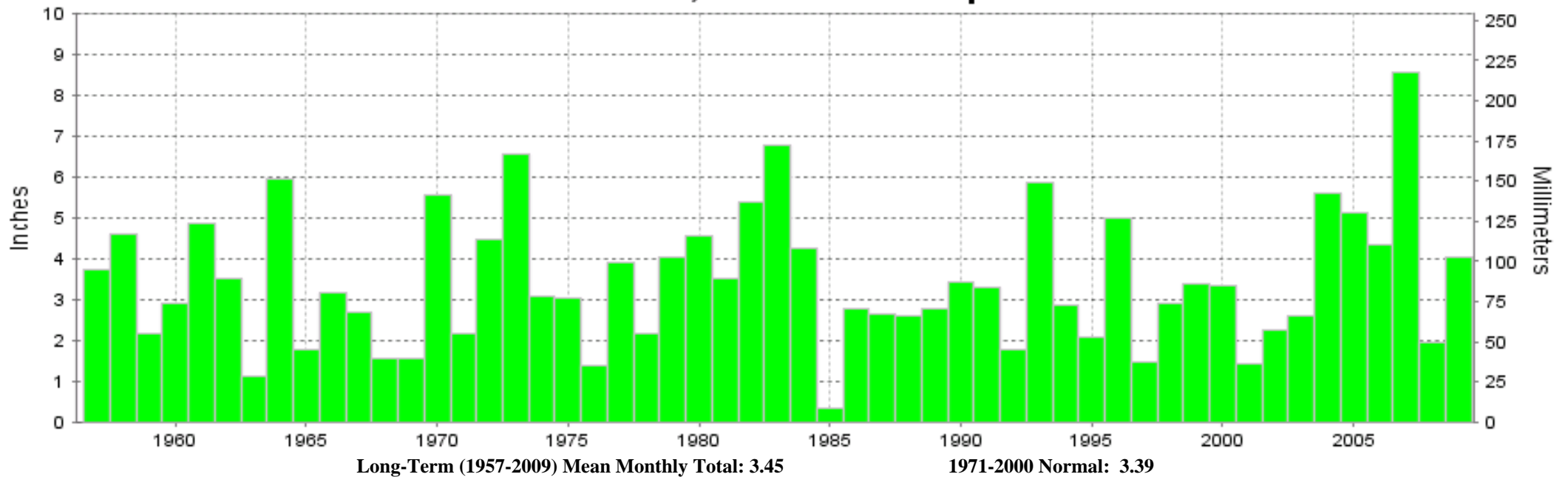
WILMINGTON, DE APRIL Temperatures



— Extreme Max — Mean Max — Mean — Mean Min — Extreme Min

Long-Term (1957-2009) Mean: 52.8
1971-2000 Normal: 52.4

WILMINGTON, DE APRIL Precipitation



Long-Term (1957-2009) Mean Monthly Total: 3.45

1971-2000 Normal: 3.39



APRIL 2009
WILMINGTON, DE

LOCAL CLIMATOLOGICAL DATA NOAA, National Climatic Data Center

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