



APRIL 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	73	56	65	17	56	60	0	0	TS TSRA RA BR	0		0.0	0.26	29.87	29.96	14.5	21	16.6	39*	28	32*	28	01	
02	56	37	47	-1	22	37	18	0	TS	0		0.0	0.00	30.24	30.33	13.5	31	14.0	35	28	30	32	02	
03	50	33	42*	-6	23	35	23	0	RA BR	0		0.0	0.29	30.35	30.46	5.7	12	8.7	24	17	22	17	03	
04	53	39	46	-3	45	46	19	0	RA BR	0		0.0	0.22	29.84	29.88	0.7	24	6.6	17	19	15	19	04	
05	60	47	54	5	42	47	11	0	BR	0		0.0	0.00	29.86	29.98	8.6	33	10.4	25	29	21	31	05	
06	49	43	46	-3	40	43	19	0	RA BR	0		0.0	0.29	30.09	30.19	13.2	05	14.0	26	06	22	07	06	
07	46	40	43	-6	37	40	22	0	RA BR	0		0.0	T	30.20	30.30	10.3	06	10.5	21	05	18	07	07	
08	55	40	48	-2	42	44	17	0	RA BR	0		0.0	0.01	30.22	30.31	7.1	07	8.1	20	05	16	06	08	
09	54	39	47	-3	44	45	18	0	FG BR	0		0.0	0.00	30.16	30.23	3.5	12	4.6	13	15	10	15	09	
10	71	44	58	8			7	0	FG+ FG BR HZ	0		0.0	0.00	30.05	30.12	3.6	16	5.9	16	14	15	14	10	
11	70	49	60	9			5	0	TS RA FG+ BR HZ VCTS	0		0.0	0.03	29.84	29.90	5.1	14	6.2	18	16	15	16	11	
12	75	54	65	14	54	59	0	0	RA BR	0		0.0	0.02	29.48	29.56	4.4	29	8.5	36	33	26	33	12	
13	58	45	52	1	35	44	13	0	RA	0		0.0	0.01	29.65	29.76	11.2	30	12.1	29	31	24	31	13	
14	57	35	46	-6	24	38	19	0		0		0.0	0.00	29.90	30.01	9.1	34	9.5	23	01	18	36	14	
15	61	39	50	-2	23	39	15	0		0		0.0	0.00	30.07	30.17	6.2	36	10.1	30	33	18	36	15	
16	66	32*	49	-3	29	42	16	0	RA	0		0.0	T	30.16	30.25	2.2	14	6.0	22	16	20	16	16	
17	76	35	56	3	35	47	9	0	RA	0		0.0	T	30.04	30.11	0.9	21	4.2	20	15	15	15	17	
18	81*	46	64	11	41	52	1	0		0		0.0	0.00	29.91	29.99	3.2	16	4.5	18	16	16	16	18	
19	78	49	64	11	47	55	1	0	BR HZ	0		0.0	0.00	29.88	29.96	5.6	13	7.3	24	14	17	13	19	
20	75	54	65	11	56	59	0	0	RA BR VCTS	0		0.0	0.01	29.93	30.03	11.2	10	14.0	31	15	25	15	20	
21	65	54	60	6	51	54	5	0	RA	0		0.0	T	30.09	30.19	15.9	06	16.0	28	05	23	05	21	
22	72	52	62	7	50	55	3	0		0		0.0	0.00	30.13	30.22	10.0	06	10.9	23	04	20	05	22	
23	75	50	63	8	54	57	2	0	BR HZ	0		0.0	0.00	30.10	30.17	3.6	15	6.1	20	16	16	16	23	
24	79	53	66*	10	45	55	0	1	BR	0		0.0	0.00	30.06	30.15	4.4	32	6.3	22	01	17	01	24	
25	72	49	61	5	49	54	4	0		0		0.0	0.00	30.02	30.10	3.7	13	7.3	20	17	16	17	25	
26	73	52	63	7	53	57	2	0	RA BR HZ	0		0.0	T	29.96	30.06	10.5	07	11.5	28	09	23	08	26	
27	56	48	52	-5	44	48	13	0	RA BR	0		0.0	0.15	30.09	30.16	8.3	05	9.7	21	07	16	07	27	
28	64	48	56	-1	53	53	9	0	RA BR	0		0.0	0.68	29.77	29.82	2.4	10	8.6	24	31	21	31	28	
29	60	41	51	-6	39	46	14	0		0		0.0	0.00	29.68	29.81	10.6	31	11.0	30	31	24	30	29	
30	57	40	49	-9	32	42	16	0		0		0.0	0.00	29.98	30.08	6.3	30	6.9	23	29	20	30	30	
64.6				☼	41.6	48.3	10.0	0.0	< MONTHLY AVERAGES TOTALS >				0.0	1.97	29.99	30.08	2.2	04	9.2	< MONTHLY AVERAGES				
2.0		2.7	2.3		<----- DEPARTURE FROM NORMAL ----->							-1.42		SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3										
DEGREE DAYS									GREATEST 24-HR PRECIPITATION : 0.68 DATE : 28					SEA LEVEL PRESSURE DATE TIME										
MONTHLY									GREATEST 24-HR SNOWFALL : 0.0 DATE :					MAXIMUM : 30.56 03 0751										
TOTAL DEPARTURE									GREATEST SNOW DEPTH : 0 DATE :					MINIMUM : 29.48 12 1849										
HEATING : 301 -75 4221 -520									NUMBER OF -> DAYS WITH		MAXIMUM TEMP >= 90 : 0		MINIMUM TEMP <= 32 : 1		PRECIPITATION >= 0.01 INCH: 11									
COOLING : 1 -8 1 -10											THUNDERSTORMS : 3		MINIMUM TEMP <= 0 : 0		PRECIPITATION >= 0.10 INCH: 6									
											HEAVY FOG : 2		SNOWFALL >= 1.0 INCH : 0											

APRIL 2008
WILMINGTON, DE

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

WILMINGTON, DE (KILG)
APRIL 2008

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 02 03 04 05	0.02	0.02	T					T	0.07	T			01 02 03 04 05										0.15			01 02 03 04 05	0.26 0.00 0.29 0.22 0.00	0.26 0.00 0.29 0.22 0.00	
06 07 08 09 10		T	0.04	0.03	T	0.01	0.06	0.09	0.02	0.04	T		06 07 08 09 10				T	T								06 07 08 09 10	0.29 T 0.01 0.00 0.00	0.29 T 0.01 0.00 0.00	
11 12 13 14 15													11 12 13 14 15												0.01	0.02	11 12 13 14 15	0.03 0.02 0.01 0.00 0.00	0.03 0.02 0.01 0.00 0.00
16 17 18 19 20													16 17 18 19 20														16 17 18 19 20	T T 0.00 0.00 0.01	T T 0.00 0.00 0.01
21 22 23 24 25													21 22 23 24 25														21 22 23 24 25	T 0.00 0.00 0.00 0.00	T 0.00 0.00 0.00 0.00
26 27 28 29 30		T 0.07 0.01	0.06 0.01	0.02 T	T 0.01								26 27 28 29 30														26 27 28 29 30	T 0.15 0.68 0.00 0.00	T 0.15 0.68 0.00 0.00

* 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)	0.15	0.24	0.28	0.31	0.34	0.37	0.38	0.39	0.40	0.41	0.42	0.42
Ending Date	28	28	28	28	28	28	28	28	28	28	28	28
Ending Time (Hr/Min)	1614	1614	1618	1620	1625	1639	1652	1716	1716	1716	1716	1716

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.

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OBSERVATIONS AT 3-HOURLY INTERVALS

WILMINGTON, DE
APRIL 2008 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: 0547 APR 01 SUNSET: 1826														
01	OVC	035			10.00		58	54	56	87	13	17	30.09	30.17
04	OVC	023			10.00		61	55	58	81	17	18	30.01	30.09
07	OVC	019			10.00		63	56	59	78	18	19	29.96	30.05
10	OVC	012			9.00		63	59	61	87	21	19	29.90	29.98
13	OVC	034			10.00		70	60	64	71	17	21	29.80	29.88
16	SCT	090			10.00		73	58	64	59	18	21	29.75	29.83
19	CLR	NC			10.00		70	56	62	61	13	20	29.73	29.82
22	OVC	070			10.00	-TSRA	63	55	58	75	11	25	29.82	29.90
SUNRISE: 0546 APR 02 SUNSET: 1827														
01	OVC	110			10.00	TS	53	32	44	45	23	29	29.98	30.06
04	CLR	NC			10.00	TS	45	28	38	51	18	31	30.09	30.16
07	CLR	NC			10.00		42	24	35	49	15	31	30.20	30.29
10	CLR	NC			10.00		48	25	39	41	18	32	30.25	30.34
13	CLR	NC			10.00		51	21	39	31	17	33	30.27	30.36
16	CLR	NC			10.00		52	19	39	27	17	31	30.27	30.36
19	CLR	NC			10.00		46	15	35	29	6	33	30.32	30.41
22	CLR	NC			10.00		43	17	34	35	3	30	30.39	30.47
SUNRISE: 0544 APR 03 SUNSET: 1828														
01	CLR	NC			10.00		36	19	30	50	6	02	30.43	30.51
04	CLR	NC			10.00		35	16	29	46	8	07	30.45	30.54
07	CLR	NC			10.00		37	15	30	41	0	00	30.47	30.56
10	CLR	NC			10.00		46	11	34	24	9	09	30.44	30.53
13	CLR	NC			10.00		49	20	38	32	9	17	30.38	30.47
16	FEW	080			10.00		46	28	39	50	17	16	30.35	30.42
19	OVC	043			9.00	-RA	39	34	37	82	10	16	30.32	30.41
22	OVC	045			5.00	RA BR	38	36	37	93	6	07	30.25	30.34
SUNRISE: 0542 APR 04 SUNSET: 1829														
01	OVC	015			5.00	-RA BR	40	39	40	96	8	06	30.10	30.19
04	OVC	003			4.00	-RA BR	42	41	42	96	9	04	29.91	29.99
07	OVC	003			3.00	BR	43	43	43	100	6	29	29.85	29.94
10	BKN	007			6.00	BR	48	45	47	89	7	19	29.83	29.91
13	OVC	013			7.00		50	45	48	83	13	19	29.75	29.83
16	OVC	015			10.00	-RA	52	47	49	83	11	30	29.70	29.78
19	BKN	070			10.00		52	47	49	83	0	00	29.70	29.78
22	CLR	NC			7.00		49	47	48	93	5	15	29.72	29.80
SUNRISE: 0541 APR 05 SUNSET: 1830														
01	BKN	100			7.00		49	48	48	96	3	30	29.70	29.78
04	BKN	060			4.00	BR	49	49	49	100	3	29	29.72	29.80
07	BKN	060			2.50	BR	50	49	49	96	8	28	29.83	29.91
10	BKN	032			10.00		55	43	49	64	20	30	29.91	30.00
13	FEW	035			10.00		58	42	50	55	14	33	29.94	30.03
16	CLR	NC			10.00		59	40	50	50	11	36	29.96	30.03
19	CLR	NC			10.00		50	36	44	59	10	02	29.99	30.08
22	CLR	NC			10.00		48	36	43	63	11	01	30.03	30.12
SUNRISE: 0539 APR 06 SUNSET: 1831														
01	SCT	095			10.00		47	36	42	66	10	02	30.03	30.12
04	OVC	095			10.00	-RA	45	42	44	89	13	08	29.98	30.06
07	OVC	019			5.00	-RA BR	46	44	45	93	11	06	30.07	30.16
10	OVC	024			10.00	-RA	44	42	43	93	14	06	30.10	30.19
13	OVC	023			10.00		47	40	44	77	15	04	30.14	30.22
16	OVC	034			10.00		47	39	43	74	16	05	30.12	30.21
19	OVC	039			10.00		46	38	42	74	10	06	30.14	30.22
22	OVC	041			10.00		44	37	41	77	14	05	30.17	30.26
SUNRISE: 0538 APR 07 SUNSET: 1832														
01	OVC	020			10.00		42	36	39	79	14	06	30.17	30.26
04	OVC	020			10.00		41	35	38	79	11	06	30.19	30.28
07	OVC	018			10.00		40	35	38	82	11	06	30.20	30.29
10	OVC	016			10.00		42	36	39	79	11	05	30.25	30.34
13	OVC	018			10.00		44	38	41	80	11	07	30.23	30.32
16	OVC	020			10.00		45	39	42	80	9	05	30.22	30.29
19	OVC	024			10.00		46	39	43	77	7	08	30.22	30.29
22	OVC	018			10.00		43	39	41	86	9	06	30.23	30.32
SUNRISE: 0536 APR 08 SUNSET: 1833														
01	OVC	022			7.00		41	41	41	100	9	06	30.24	30.32
04	OVC	009			10.00		41	39	40	93	11	06	30.22	30.31
07	OVC	016			10.00		41	39	40	93	11	06	30.24	30.33
10	OVC	017			10.00		45	40	43	83	13	05	30.25	30.34
13	OVC	030			10.00		50	42	46	74	8	09	30.23	30.32
16	OVC	035			10.00		54	44	49	69	8	06	30.22	30.29
19	CLR	NC			10.00		52	43	48	72	3	13	30.20	30.29
22	CLR	NC			9.00		44	44	44	100	3	13	30.24	30.32
SUNRISE: 0535 APR 09 SUNSET: 1834														
01	CLR	NC			10.00		40	39	40	96	5	10	30.20	30.29
04	OVC	003			2.50	BR	40	40	40	100	5	09	30.19	30.27
07	OVC	003			1.00	BR	40	40	40	100	5	10	30.20	30.29
10	OVC	005			2.50	BR	42	42	42	100	5	08	30.20	30.29
13	OVC	029			9.00		49	46	48	89	7	VR	30.16	30.25
16	BKN	050			10.00		53	48	50	83	6	15	30.10	30.19
19	OVC	018			10.00		50	50	50	100	8	15	30.09	30.16
22	OVC	010			9.00		49	49	49	100	5	14	30.09	30.17
SUNRISE: 0533 APR 10 SUNSET: 1835														
01	VV	001			0.25	FG	47				3	15	30.07	30.16
04	OVC	001			1.50	BR	46				3	26	30.06	30.14
07	OVC	003			1.00	BR	44				7	33	30.10	30.19
10	FEW	011			5.00	BR	53	52	52	96	0	00	30.09	30.18
13	CLR	NC			6.00	HZ	63	54	58	73	9	14	30.03	30.12
16	CLR	NC			10.00		69	52	59	55	13	14	29.98	30.07
19	CLR	NC			10.00		66	50	57	57	6	25	30.01	30.09
22	CLR	NC			5.00	BR	54	53	53	96	10	16	29.96	30.05
SUNRISE: 0532 APR 11 SUNSET: 1836														
01	CLR	NC			7.00		50	50	50	100	3	10	29.98	30.06
04	OVC	060			5.00	HZ	50				5	13	29.94	30.02
07	OVC	041			4.00	HZ	50				5	10	29.94	30.03
10	OVC	005			4.00	HZ	52				3	16	29.91	29.98
13	CLR	NC			10.00						11	15	29.78	
16	SCT	090			10.00		68	58	62	71	14	16	29.70	29.78
19	CLR	NC			10.00		65	57	60	75	6	11	29.67	29.76
22	FEW	070			10.00		63	57	60	81	7	08	29.64	29.72
SUNRISE: 0530 APR 12 SUNSET: 1837														
01	CLR	NC			7.00		58	57	57	97	5	15	29.57	
04	CLR	NC			10.00		57	56	56	96	5	18	29.49	29.58
07	CLR	NC			8.00		61	59	60	93	0	00	29.52	29.60
10	SCT	110			10.00		71	61	65	71	10	23	29.49	29.57
13	BKN	080			10.00		72	57	63	59	9	30	29.46	29.53
16	FEW	095			10.00		72	52	60	50	5	23	29.41	29.48
19	CLR	NC			9.00		64	60	62	87	7			

OBSERVATIONS AT 3-HOURLY INTERVALS

WILMINGTON, DE
APRIL 2008 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: 0529 APR 13 SUNSET: 1838														
01	CLR	NC			10.00		53	34	44	49	14	31	29.59	29.67
04	SCT	085			10.00		48	34	42	59	9	29	29.61	29.69
07	CLR	NC			10.00		49	35	43	59	9	26	29.67	29.75
10	BKN	090			10.00		55	37	47	51	15	29	29.67	29.76
13	BKN	090			10.00		56	35	46	45	15	29	29.67	29.75
16	OVC	080			10.00		54	33	45	45	13	30	29.67	29.75
19	OVC	110			10.00		51	34	43	52	14	33	29.72	29.80
22	OVC	055			10.00	-RA	46	40	43	80	8	29	29.78	29.86
SUNRISE: 0527 APR 14 SUNSET: 1839														
01	SCT	090			10.00		45	26	37	47	13	35	29.83	29.92
04	CLR	NC			10.00		39	23	33	53	8	35	29.85	29.94
07	CLR	NC			10.00		41	25	35	53	8	33	29.93	30.02
10	CLR	NC			10.00		48	23	38	37	8	02	29.96	30.03
13	CLR	NC			10.00		54	25	42	33	14	35	29.93	30.02
16	FEW	075			10.00		55	24	42	30	9	34	29.91	29.99
19	FEW	080			10.00		49	25	39	39	6	33	29.93	30.01
22	CLR	NC			10.00		47	24	38	41	8	35	29.98	30.07
SUNRISE: 0526 APR 15 SUNSET: 1840														
01	CLR	NC			10.00		44	21	35	40	11	36	30.01	30.10
04	CLR	NC			10.00		40	22	33	49	11	01	30.04	30.13
07	CLR	NC			10.00		44	22	36	42	11	36	30.10	30.19
10	CLR	NC			10.00		53	20	40	27	14	02	30.14	30.22
13	CLR	NC			10.00		58	21	43	24	8	35	30.10	30.18
16	CLR	NC			10.00		61	21	44	21	14	02	30.06	30.15
19	CLR	NC			10.00		55	17	40	22	7	VR	30.09	30.17
22	CLR	NC			10.00		46	33	40	61	5	19	30.14	30.22
SUNRISE: 0524 APR 16 SUNSET: 1841														
01	CLR	NC			10.00		43	31	38	63	0	00	30.14	30.22
04	CLR	NC			10.00		33	29	31	85	6	31	30.14	30.22
07	CLR	NC			10.00		45	31	39	58	0	00	30.22	30.29
10	CLR	NC			10.00		62	20	45	20	5	VR	30.23	30.32
13	CLR	NC			10.00		64	23	46	21	8	05	30.17	30.26
16	CLR	NC			10.00		65	19	46	17	0	00	30.12	30.21
19	CLR	NC			10.00		54	32	44	43	11	16	30.14	30.23
22	CLR	NC			10.00		50	37	44	61	3	20	30.15	30.24
SUNRISE: 0523 APR 17 SUNSET: 1842														
01	CLR	NC			10.00		44	36	41	74	0	00	30.14	30.22
04	CLR	NC			10.00		38	33	36	82	3	32	30.11	30.19
07	CLR	NC			10.00		46	34	41	63	0	00	30.12	30.21
10	CLR	NC			10.00		65	33	50	30	3	VR	30.07	30.16
13	CLR	NC			10.00		70	31	51	24	7	VR	30.01	30.09
16	CLR	NC			10.00		75	30	53	19	0	00	29.94	30.02
19	CLR	NC			10.00		67	34	51	30	7	28	29.93	30.00
22	CLR	NC			10.00		54	43	49	67	7	14	29.96	30.03
SUNRISE: 0521 APR 18 SUNSET: 1843														
01	CLR	NC			10.00		49	40	45	71	3	28	29.93	30.01
04	CLR	NC			10.00		48	41	45	77	0	00	29.91	29.99
07	CLR	NC			10.00		53	45	49	74	0	00	29.96	30.04
10	CLR	NC			10.00		76	39	57	26	3	VR	29.96	30.04
13	CLR	NC			10.00		80	35	57	20	3	VR	29.91	30.00
16	CLR	NC			10.00		81	40	59	23	11	15	29.86	29.94
19	CLR	NC			10.00		64	41	52	43	11	15	29.88	29.96
22	CLR	NC			10.00		59	46	52	62	5	17	29.90	29.98
SUNRISE: 0520 APR 19 SUNSET: 1844														
01	CLR	NC			8.00		55	49	52	80	0	00	29.88	29.97
04	CLR	NC			7.00		50	46	48	86	5	33	29.86	29.95
07	CLR	NC			5.00	HZ	57	49	53	75	5	05	29.91	29.99
10	CLR	NC			10.00		72	45	57	38	5	12	29.91	29.99
13	CLR	NC			10.00		76	50	61	40	10	16	29.88	29.97
16	CLR	NC			10.00		74	51	61	45	14	17	29.83	29.91
19	CLR	NC			10.00		70	42	55	36	14	12	29.85	29.93
22	CLR	NC			10.00		63	46	54	54	7	10	29.88	29.97
SUNRISE: 0518 APR 20 SUNSET: 1845														
01	CLR	NC			9.00		57	49	53	75	10	06	29.88	29.96
04	CLR	NC			6.00	BR	55	52	53	90	7	06	29.90	29.98
07	FEW	011			5.00	BR	58	55	56	90	10	07	29.93	30.01
10	BKN	055			10.00		72	60	65	66	15	14	29.94	30.03
13	SCT	100			10.00		73	59	64	62	21	15	29.93	30.02
16	BKN	080			10.00		70	61	65	73	14	12	29.94	30.03
19	BKN	050			10.00		63	56	59	78	18	08	29.98	30.06
22	OVC	044			10.00		60	56	58	87	13	07	30.02	30.11
SUNRISE: 0517 APR 21 SUNSET: 1846														
01	OVC	011			10.00		58	53	55	84	18	05	30.03	30.11
04	OVC	011			9.00		55	51	53	86	17	06	30.02	30.11
07	OVC	009			7.00		54	50	52	86	16	05	30.09	30.17
10	OVC	015			10.00		58	51	54	78	21	05	30.14	30.21
13	OVC	019			10.00		61	51	56	70	21	06	30.12	30.21
16	BKN	070			10.00		64	52	57	65	15	07	30.11	30.20
19	BKN	075			10.00		61	50	55	67	15	05	30.12	30.21
22	OVC	060			10.00		57	48	52	72	15	06	30.15	30.24
SUNRISE: 0515 APR 22 SUNSET: 1847														
01	FEW	055			10.00		54	45	50	72	14	05	30.14	30.22
04	BKN	039			10.00		53	45	49	74	14	04	30.12	30.20
07	SCT	048			10.00		55	48	51	77	13	04	30.14	30.23
10	CLR	NC			10.00		62	52	57	70	14	06	30.16	30.25
13	BKN	060			10.00		70	54	61	57	11	06	30.14	30.22
16	BKN	060			10.00		71	52	60	51	10	08	30.09	30.18
19	FEW	055			10.00		66	52	58	61	8	11	30.12	30.20
22	CLR	NC			10.00		60	50	55	70	3	11	30.14	30.23
SUNRISE: 0514 APR 23 SUNSET: 1848														
01	CLR	NC			10.00		56	49	52	78	7	05	30.12	30.21
04	CLR	NC			10.00		52	49	50	90	5	04	30.10	30.19
07	OVC	007			8.00		56	51	53	83	3	35	30.14	30.23
10	CLR	NC			8.00		67	58	62	73	0	00	30.14	30.22
13	CLR	NC			10.00		73	56	63	55	10	14	30.10	30.19
16	SCT	060			10.00		75	50	61	42	10	23	30.04	30.13
19	CLR	NC			10.00		64	55	59	73	11	16	30.04	30.13
22	CLR	NC			8.00		59	56	57	90	5	15	30.06	30.14
SUNRISE: 0513 APR 24 SUNSET: 1849														
01	CLR	NC			10.00		59	52	55	78	3	23	30.06	30.14
04	CLR	NC			9.00		58	54	56	87	6	25	30.06	30.14
07	CLR	NC			7.00		61	54	57	78	6	35	30.10	30.19
10	CLR	NC			10.00		72	42	56	34	9	36	30.14	30.22
13	CLR	NC			10.00		74	38	56	27	6	VR	30.09	30.18
16	CLR	NC			10.00		79	39	58	24	6	33	30.03	30.11
19	CLR	NC			10.00		70	42	55	36	5	26	30.02	30.10
22														

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: 0511						APR 25	Sunset: 1850							
01	CLR	NC			10.00		53	42	48	66	6	31	30.04	30.13
04	CLR	NC			10.00		54	42	48	64	5	05	30.06	30.14
07	CLR	NC			7.00		56	49	52	78	8	07	30.09	30.17
10	CLR	NC			10.00		66	44	54	45	8	07	30.06	30.15
13	CLR	NC			10.00		70	52	60	53	8	17	30.02	30.10
16	CLR	NC			10.00		69	51	59	53	13	16	29.96	30.05
19	CLR	NC			10.00		63	55	58	75	10	16	29.96	30.04
22	CLR	NC			10.00		61	52	56	72	0	00	29.96	30.04
Sunrise: 0510						APR 26	Sunset: 1851							
01	OVC	110			10.00	BR HZ	60	52	56	75	6	08	29.93	30.02
04	CLR	NC			7.00		58	54	56	87	6	00	29.91	30.00
07	CLR	NC			6.00		60	56	58	87	7	07	29.93	30.02
10	SCT	016			3.00		69	60	64	73	11	04	29.96	30.05
13	FEW	024			8.00		72	58	64	62	21	06	29.96	30.04
16	OVC	023			10.00		64	53	58	68	15	08	29.98	30.06
19	OVC	023			10.00		58	48	53	70	15	08	30.01	30.10
22	OVC	021			10.00		55	47	51	75	10	01	30.09	30.17
Sunrise: 0509						APR 27	Sunset: 1852							
01	OVC	019			10.00	-RA	52	44	48	74	8	08	30.07	30.16
04	OVC	018			10.00		49	46	48	89	7	33	30.07	30.16
07	OVC	022			10.00		48	45	47	89	9	02	30.12	30.20
10	OVC	022			10.00		50	45	48	83	11	03	30.14	30.22
13	OVC	024			10.00		55	47	51	75	10	03	30.11	30.20
16	OVC	024			10.00		56	47	51	72	9	09	30.06	30.15
19	OVC	024			10.00		56	44	50	64	10	07	30.04	30.13
22	OVC	034			10.00		52	40	46	64	11	08	30.06	30.14
Sunrise: 0507						APR 28	Sunset: 1853							
01	OVC	019			9.00	-RA	48	46	47	93	8	06	29.96	30.05
04	OVC	004			4.00	BR	48	47	48	96	10	07	29.86	29.95
07	OVC	004			2.00	-RA BR	50	49	49	96	9	07	29.82	29.90
10	OVC	002			1.00	-RA BR	53	53	53	100	5	11	29.78	29.85
13	OVC	002			2.00	-RA BR	62	61	61	97	14	14	29.67	29.75
16	OVC	024			3.00	-RA BR	63	62	62	97	6	18	29.59	29.67
19	BKN	095			10.00		56	55	55	96	6	24	29.67	29.75
22	OVC	039			6.00	BR	54	52	53	93	7	27	29.65	29.74
Sunrise: 0506						APR 29	Sunset: 1854							
01	CLR	NC			8.00		52	47	49	83	10	30	29.62	29.70
04	OVC	090			10.00		50	45	48	83	10	32	29.59	29.68
07	OVC	022			10.00		50	44	47	80	11	31	29.62	

[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.

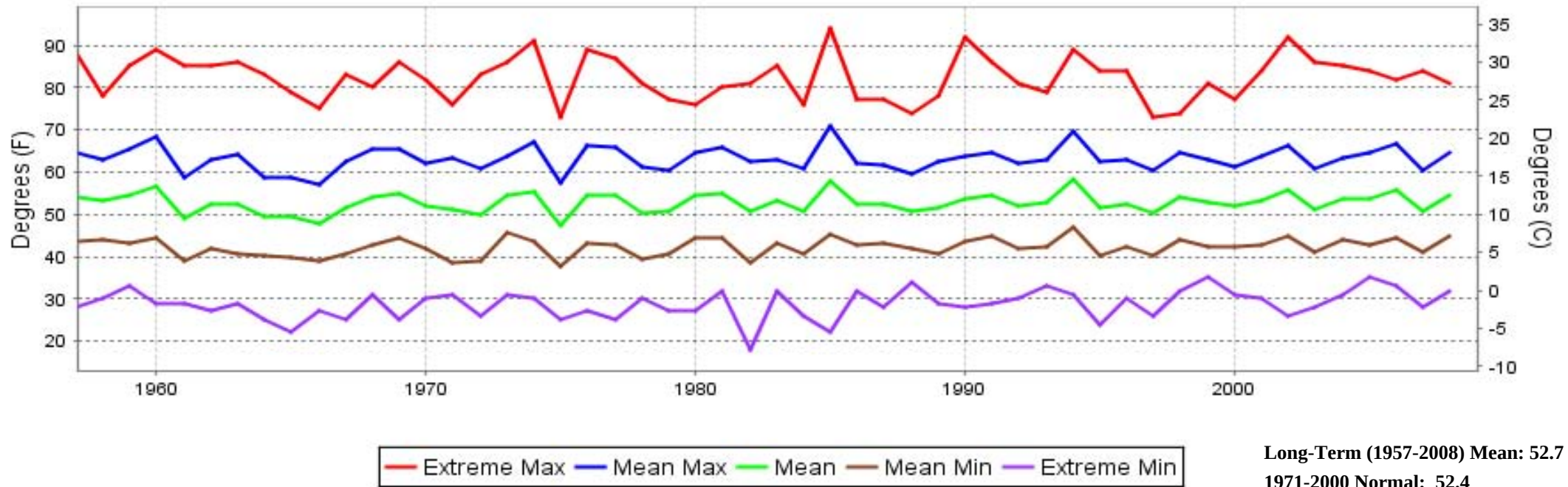
& = Original observation contained additional weather elements.

See page 3 for additional notes.

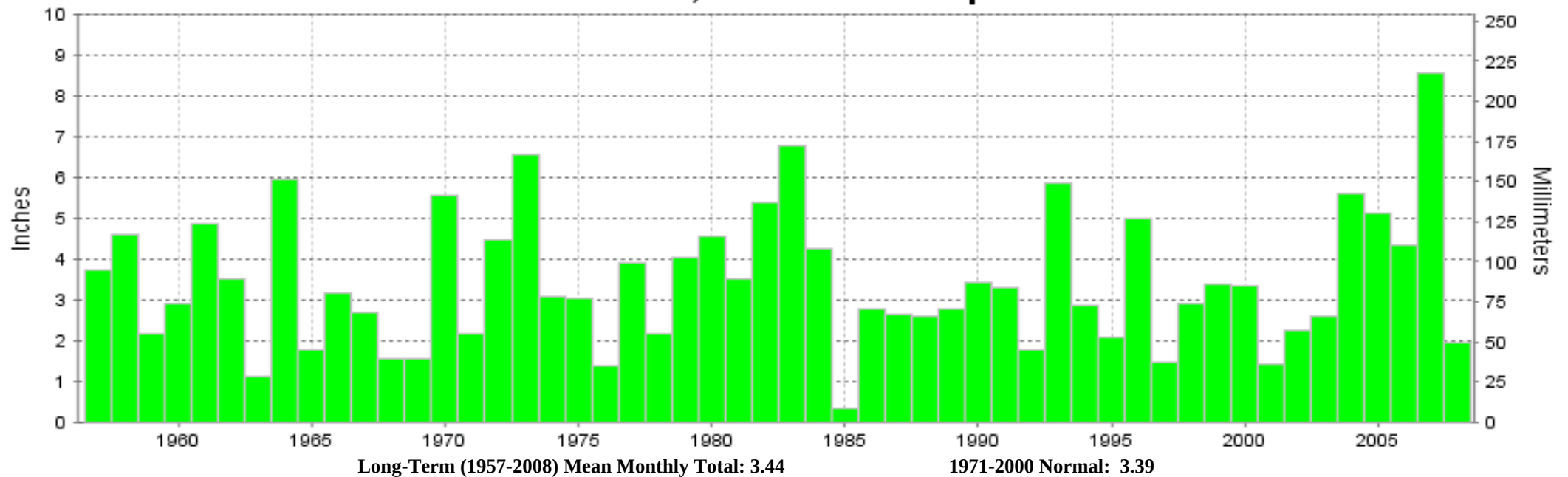
SUMMARY BY HOUR

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			50	41	46	75	29.99	30.09	8.91	8	5	02
02			49	41	45	78	29.98	30.07	8.16	8	5	03
03			48	41	45	79	29.98	30.07	8.25	8	4	02
04			47	41	45	80	29.98	30.06	8.30	8	4	02
05			47	41	44	80	29.99	30.07	8.13	7	4	02
06			47	41	44	82	30.00	30.09	7.52	8	4	36
07			50	42	46	77	30.02	30.10	7.38	8	5	02
08			52	42	48	69	30.02	30.11	8.10	9	4	02
09			55	41	49	65	30.02	30.11	8.19	10	4	02
10			57	42	50	62	30.02	30.11	8.62	10	5	02
11			59	43	51	61	30.02	30.10	9.00	10	4	02
12			60	42	52	56	30.00	30.09	9.43	11	4	01
13			61	42	52	54	29.99	30.08	9.40	12	5	03
14			62	43	53	54	29.98	30.06	9.63	12	4	02
15			63	43	53	54	29.97	30.05	9.72	12	4	03
16			63	43	53	53	29.96	30.04	9.77	11	4	02
17			62	43	52	54	29.96	30.04	9.97	11	4	02
18			59	43	51	57	29.96	30.04	10.00	11	4	03
19			57	42	50	61	29.97	30.05	9.93	9	5	04
20			55	43	50	67	29.98	30.07	9.73	8	5	04
21			54	43	49	69	30.00	30.08	9.53	9	5	04
22			53	43	48	73	30.00	30.08	9.30	7	4	03
23			52	43	48	73	30.00	30.09	9.33	7	4	02
24			50	41	46	73	30.00	30.10	8.92	7	5	03

WILMINGTON, DE APRIL Temperatures



WILMINGTON, DE APRIL Precipitation





APRIL 2008
WILMINGTON, DE

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Thomas R. Karl
DIRECTOR

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