



NOVEMBER 2007

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	71	43	57	7	47	52	8	0	RA BR	0		0.0	T	30.00	30.10	4.6	29	7.7	23	31	20	32	01					
02	57	38	48	-2	34	42	17	0		0		0.0	0.00	30.20	30.28	10.9	03	11.8	25	04	22	03	02					
03	59	41	50	0	29	41	15	0		0		0.0	0.00	29.84	29.90	9.2	33	11.8	24	30	20	31	03					
04	58	39	49	0	33	42	16	0	RA	0		0.0	T	29.83	29.93	6.7	28	7.3	21	29	17	30	04					
05	60	36	48	-1	38	44	17	0	RA	0		0.0	0.04	29.90	29.98	6.6	18	8.5	25	17	18	17	05					
06	55	41	48	-1	33	42	17	0	RA	0		0.0	0.14	29.75	29.85	9.1	25	11.1	32	25	26	25	06					
07	53	33	43	-6	28	37	22	0		0		0.0	0.00	30.01	30.12	9.0	28	10.2	30	30	25	30	07					
08	47	28	38	-10	26	34	27	0		0		0.0	0.00	30.12	30.22	3.9	31	4.5	13	24	9	25	08					
09	46	30	38	-10	30	36	27	0	RA BR HZ	0		0.0	T	30.03	30.11	1.5	08	3.2	12	15	9	15	09					
10	47	33	40	-8	35	39	25	0	RA BR	0		0.0	0.01	29.99	30.11	7.3	34	8.1	18	01	16	01	10					
11	52	30	41	-6	28	37	24	0	BR HZ	0		0.0	0.00	30.19	30.30	3.6	31	4.2	13	28	10	29	11					
12	51	43	47	0	42	45	18	0	RA BR HZ VCTS	0		0.0	0.10	30.16	30.21	4.2	18	5.3	13	18	10	19	12					
13	64	41	53	6	49	50	12	0	RA FG+ FG BR HZ	0		0.0	0.19	29.91	30.00	1.9	28	2.2	15	32	12	32	13					
14	58	41	50	4	50	51	15	0	FG+ FG BR	0		0.0	0.00	29.82	29.87	3.0	15	3.5	15	18	14	16	14					
15	64	40	52	6	44	47	13	0	RA BR	0		0.0	0.37	29.51	29.60	8.7	28	12.8	36	26	31	30	15					
16	48	36	42	-4	27	36	23	0		0		0.0	0.00	29.70	29.82	16.0	29	16.5	39	28	33	29	16					
17	48	33	41	-5	27	36	24	0		0		0.0	0.00	29.98	30.09	4.5	24	7.0	15	23	13	24	17					
18	49	41	45	0	36	40	20	0	RA BR	0		0.0	0.20	30.14	30.26	13.2	05	13.4	25	06	21	06	18					
19	44	40	42	-3	39	41	23	0	RA BR	0		0.0	0.36	30.27	30.36	8.8	03	10.0	24	05	20	05	19					
20	51	43	47	2	45	46	18	0	RA BR	0		0.0	0.03	30.07	30.14	3.4	17	6.3	20	18	16	16	20					
21	64	43	54	10	49	51	11	0	FG+ FG BR HZ	0		0.0	0.00	29.93	29.99	2.5	15	3.0	9	15	9	15	21					
22	72*	42	57*	13	46	51	8	0	RA BR HZ	0		0.0	T	29.70	29.80	9.1	26	12.7	40*	27	33*	29	22					
23	44	28	36	-8	19	31	29	0		0		0.0	0.00	30.07	30.20	11.6	31	12.0	29	32	23	32	23					
24	42	23*	33*	-10	19	29	32	0	RA	0		0.0	T	30.35	30.45	2.7	21	4.6	13	15	10	19	24					
25	53	28	41	-2	29	36	24	0		0		0.0	0.00	30.24	30.33	3.4	18	5.1	16	16	14	21	25					
26	64	43	54	11	48	49	11	0	RA FG+ FG BR	0		0.0	0.25	29.96	30.01	6.6	17	7.8	30	21	23	20	26					
27	64	41	53	11	37	45	12	0	RA	0		0.0	T	29.88	30.03	11.3	27	13.3	35	28	28	28	27					
28	45	32	39	-3	22	33	26	0		0		0.0	0.00	30.30	30.40	2.5	28	7.2	22	35	17	32	28					
29	54	36	45	4	30	38	20	0		0		0.0	0.00	30.03	30.11	6.2	23	8.1	23	28	20	29	29					
30	43	30	37	-4	16	30	28	0		0		0.0	0.00	30.18	30.28	6.8	27	7.9	22	27	17	28	30					
54.2				☼	34.5	41.0	19.4	0.0	< MONTHLY AVERAGES TOTALS >				0.0	1.69	30.01	30.09	3.1	28	8.2	< MONTHLY AVERAGES								
-0.8					<----- DEPARTURE FROM NORMAL ----->							-1.50		SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3														
DEGREE DAYS									GREATEST 24-HR PRECIPITATION : 0.56 DATE : 18-19					SEA LEVEL PRESSURE					DATE TIME									
MONTHLY									GREATEST 24-HR SNOWFALL : 0.0 DATE :					MAXIMUM :					30.53					24 1051				
TOTAL DEPARTURE									GREATEST SNOW DEPTH : 0 DATE :					MINIMUM :					29.48					15 0651				
HEATING :				582		18		741		-172		NUMBER OF ->		MAXIMUM TEMP >= 90 : 0		MINIMUM TEMP <= 32 : 8		PRECIPITATION >= 0.01 INCH: 10										
COOLING :				0		-1		1377		252		DAYS WITH		MAXIMUM TEMP <= 32 : 0		MINIMUM TEMP <= 0 : 0		PRECIPITATION >= 0.10 INCH: 7										
												THUNDERSTORMS : 0		HEAVY FOG : 4		SNOWFALL >= 1.0 INCH : 0												

NOVEMBER 2007
WILMINGTON, DE

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

WILMINGTON, DE (KILG)
NOVEMBER 2007

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													01				T								01	T	T	
02													02												02	0.00	0.00	
03													03												03	0.00	0.00	
04													04						T	T					04	T	T	
05													05										T	0.04	05	0.04	0.04	
06	0.02	T	0.01	0.03	T	T	0.03	0.03	0.02				06												06	0.14	0.14	
07													07												07	0.00	0.00	
08													08												08	0.00	0.00	
09													09										T	T	09	T	T	
10	0.01	T	T										10											T	10	0.01	0.01	
11													11												11	0.00	0.00	
12	T	0.02	T					T					12						T	T	0.04	0.02	0.01	0.01	12	0.10	0.10	
13	T								0.14	0.03	0.02	T	13												13	0.19	0.19	
14													14												14	0.00	0.00	
15				0.01			T	0.20	0.03	0.04	0.01	0.05	15	0.01	0.01	0.01									15	0.37	0.37	
16													16												16	0.00	0.00	
17													17												17	0.00	0.00	
18													18	T	T	0.01	T	T	0.01	T	0.04	0.01	0.05	0.03	0.05	18	0.20	0.20
19	0.03	0.12	0.08	0.07	0.02	T	0.01	0.01	0.01	T	T	0.01	19												19	0.36	0.36	
20			T		T	0.01	T	T	T	0.01	T	0.01	20	T	T	T									20	0.03	0.03	
21													21												21	0.00	0.00	
22													22				T	T							22	T	T	
23													23												23	0.00	0.00	
24													24	T	T										24	T	T	
25													25												25	0.00	0.00	
26		0.01	0.01	0.07	0.03	T	0.01		T		T	0.01	26	T		0.01		T	0.02	0.01	T	0.02	0.01	0.04	26	0.25	0.25	
27		T		T									27												27	T	T	
28													28												28	0.00	0.00	
29													29												29	0.00	0.00	
30													30												30	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)	0.11	0.18	0.19	0.20	0.21	0.21	0.22	0.23	0.25	0.26	0.27	0.28
Ending Date	15	15	15	15	15	15	15	15	15	15	15	19
Ending Time (Hr/Min)	0745	0749	0750	0756	0806	0806	0831	0859	0916	0926	0948	0347

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.

Date	SUNSHINE		CLOUDINESS (OKTAS)				VISIBILITY (MILES)		RESERVED
	TOTAL MINUTES	PERCENT POSSIBLE	SR-SS		MN-MN		MINIMUM	MAXIMUM	
			Sky Cover	Satellite	Sky Cover	Satellite			
01							5.00	10.00	
02							10.00	10.00	
03							10.00	10.00	
04							9.00	10.00	
05							7.00	10.00	
06							7.00	10.00	
07							10.00	10.00	
08							8.00	10.00	
09							6.00	10.00	
10							6.00	10.00	
11							4.00	10.00	
12							3.00	10.00	
13							0.25	10.00	
14							0.00	4.00	
15							0.75	10.00	
16							10.00	10.00	
17							10.00	10.00	
18							4.00	10.00	
19							3.00	10.00	
20							2.50	10.00	
21							0.25	5.00	
22							3.00	10.00	
23							10.00	10.00	
24							10.00	10.00	
25							9.00	10.00	
26							0.00	10.00	
27							10.00	10.00	
28							10.00	10.00	
29							9.00	10.00	
30							10.00	10.00	
MONTHLY AVGS							6.22	9.63	
SUNSHINE (Minutes) Total : 0 Possible : 18011 Percent Possible : 0									
NUMBER OF DAYS WITH : SKY CONDITION Clear Partly CLDY Cloudy Missing									
MINIMUM VISIBILTY (MILES) <= .25 4 <= 3.0 9 >= 7.0 16									

OBSERVATIONS AT 3-HOURLY INTERVALS

WILMINGTON, DE
NOVEMBER 2007 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
01	CLR	NC			10.00	BR	53	48	50	83	6	29	30.06	30.14
04	CLR	NC			9.00		52	50	51	93	7	19	29.99	30.08
07	CLR	NC			5.00		54	52	53	93	7	20	29.98	30.06
10	CLR	NC			10.00		60	55	57	84	8	23	29.98	30.06
13	CLR	NC			10.00		70	51	59	51	9	26	29.93	30.02
16	OVC	065			10.00		62	43	52	50	15	32	29.98	30.06
19	CLR	NC			10.00		53	43	48	69	3	31	30.06	30.15
22	CLR	NC			10.00	45	41	43	86	7	31	30.11	30.20	
SUNRISE: 0632 NOV 02 SUNSET: 1660														
01	CLR	NC			10.00		46	32	40	58	6	01	30.19	30.26
04	CLR	NC			10.00		41	31	37	68	5	34	30.22	30.30
07	CLR	NC			10.00		41	32	37	70	8	01	30.25	30.34
10	CLR	NC			10.00		52	33	44	49	15	04	30.27	30.36
13	CLR	NC			10.00		56	34	46	44	14	05	30.22	30.30
16	CLR	NC			10.00		55	35	46	47	14	04	30.19	30.28
19	OVC	041			10.00		52	35	44	53	11	02	30.17	30.26
22	BKN	036			10.00		51	36	44	57	11	02	30.12	30.21
SUNRISE: 0633 NOV 03 SUNSET: 1659														
01	FEW	032			10.00		48	35	42	61	13	02	30.04	30.13
04	OVC	037			10.00		47	33	41	58	13	36	29.96	30.04
07	OVC	060			10.00		45	31	39	58	14	35	29.90	29.98
10	OVC	022			10.00		49	33	42	54	13	36	29.82	29.90
13	BKN	060			10.00		54	30	44	40	16	33	29.72	29.79
16	CLR	NC			10.00		55	27	43	34	17	29	29.67	29.76
19	CLR	NC			10.00		50	23	39	35	6	29	29.73	29.82
22	CLR	NC			10.00		43	26	36	51	7	25	29.77	29.85
SUNRISE: 0634 NOV 04 SUNSET: 1658														
01	CLR	NC			10.00		40	28	35	62	6	25	29.80	29.89
04	FEW	110			10.00		43	31	38	63	7	26	29.82	29.90
07	CLR	NC			10.00		44	35	40	71	8	27	29.85	29.94
10	CLR	NC			10.00		54	35	45	49	14	30	29.86	29.95
13	CLR	NC			10.00		57	30	45	36	11	33	29.82	29.89
16	CLR	NC			10.00		56	31	45	39	9	27	29.80	29.89
19	BKN	100			10.00		51	38	45	61	6	24	29.85	29.93
22	CLR	NC			10.00		45	33	40	63	5	27	29.90	29.98
SUNRISE: 0635 NOV 05 SUNSET: 1657														
01	FEW	080			10.00		41	33	38	73	6	31	29.90	29.98
04	CLR	NC			10.00		39	32	36	76	8	24	29.93	30.01
07	CLR	NC			8.00		38	32	36	79	3	24	29.96	30.05
10	CLR	NC			10.00		52	36	45	55	0	00	29.98	30.07
13	CLR	NC			10.00		59	34	47	39	8	21	29.93	30.01
16	CLR	NC			10.00		58	39	49	49	13	16	29.88	29.96
19	CLR	NC			10.00		54	45	49	72	14	17	29.83	29.92
22	CLR	NC			10.00		54	46	50	75	14	17	29.80	29.89
SUNRISE: 0636 NOV 06 SUNSET: 1656														
01	OVC	095			9.00	-RA	52	45	49	77	13	18	29.72	29.80
04	OVC	055			10.00	-RA	51	45	48	80	7	21	29.65	29.74
07	OVC	060			8.00	-RA	50	46	48	86	7	26	29.70	29.77
10	BKN	075			10.00		48	42	45	80	10	25	29.75	29.84
13	FEW	065			10.00		54	27	43	35	17	29	29.75	29.82
16	FEW	070			10.00		51	23	40	33	22	29	29.78	29.87
19	CLR	NC			10.00		45	22	36	40	7	21	29.86	29.95
22	CLR	NC			10.00		41	23	34	49	8	23	29.90	29.98
SUNRISE: 0637 NOV 07 SUNSET: 1655														
01	CLR	NC			10.00		41	25	35	53	10	25	29.91	29.98
04	CLR	NC			10.00		39	28	35	65	7	23	29.93	30.01
07	CLR	NC			10.00		39	30	35	70	7	24	29.99	30.08
10	FEW	045			10.00		50	31	42	48	16	31	30.04	30.13
13	BKN	060			10.00		51	28	41	41	14	31	30.03	30.11
16	CLR	NC			10.00		49	26	40	41	17	30	30.06	30.14
19	CLR	NC			10.00		42	26	36	53	5	26	30.10	30.19
22	CLR	NC			10.00		36	26	32	67	8	31	30.14	30.22
SUNRISE: 0639 NOV 08 SUNSET: 1654														
01	CLR	NC			10.00		33	27	31	79	9	31	30.14	30.22
04	CLR	NC			10.00		32	27	30	82	7	31	30.14	30.22
07	CLR	NC			9.00		30	26	29	85	6	32	30.16	30.25
10	CLR	NC			10.00		43	25	36	49	3	VR	30.17	30.27
13	CLR	NC			10.00		45	23	37	42	6	29	30.12	30.21
16	BKN	050			10.00		46	23	37	40	3	31	30.09	30.18
19	CLR	NC			10.00		40	28	35	62	3	33	30.11	30.20
22	FEW	110			9.00		36	29	33	76	3	32	30.11	30.20
SUNRISE: 0640 NOV 09 SUNSET: 1653														
01	CLR	NC			7.00		31	27	30	85	5	32	30.09	30.19
04	CLR	NC			6.00	BR	32	29	31	89	3	33	30.09	30.17
07	CLR	NC			6.00	BR	33	29	31	85	5	36	30.07	30.16
10	BKN	060			10.00		42	29	37	60	5	07	30.07	30.16
13	BKN	080			10.00		45	28	38	51	0	00	30.01	30.10
16	OVC	060			10.00		45	30	39	56	3	09	29.96	30.05
19	OVC	046			10.00		45	29	38	54	5	10	29.96	30.05
22	OVC	030			10.00	-RA	43	32	38	65	5	13	29.96	30.04
SUNRISE: 0641 NOV 10 SUNSET: 1652														
01	OVC	050			7.00	-RA	40	35	38	82	5	35	29.93	30.01
04	OVC	016			7.00		40	35	38	82	8	01	29.91	30.00
07	OVC	070			6.00	BR	39	36	38	89	6	35	29.96	30.05
10	OVC	014			10.00		43	37	40	79	10	01	30.01	30.10
13	OVC	020			10.00		46	36	42	68	10	34	30.01	30.09
16	OVC	020			10.00		44	35	40	71	11	33	30.04	30.13
19	OVC	032			10.00		43	35	40	73	7	30	30.10	30.18
22	CLR	NC			9.00		39	33	37	79	6	29	30.12	30.21
SUNRISE: 0642 NOV 11 SUNSET: 1651														
01	CLR	NC			7.00		34	32	33	92	6	32	30.12	30.22
04	CLR	NC			7.00		35	32	34	89	3	31	30.17	30.26
07	CLR	NC			4.00	BR	32	29	31	89	7	30	30.24	30.33
10	CLR	NC			10.00		45	29	38	54	8	02	30.27	30.36
13	CLR	NC			10.00		52	23	40	32	7	01	30.22	30.30
16	CLR	NC			10.00		50	20	39	31	0	00	30.19	30.27
19	OVC	120			10.00		44	27	37	51	5	25	30.22	30.31
22	OVC	080			10.00		45	31	39	58	0	00	30.22	30.30
SUNRISE: 0643 NOV 12 SUNSET: 1650														
01	OVC	055			10.00	-RA	44	32	39	63	9	24	30.25	30.34
04	OVC	060			8.00		44	38	41	80	5	18	30.20	30.29
07	OVC	065			7.00		45	38	42	77	8	20	30.20	30.29
10	OVC	042			5.00	HZ	47	42	45	83	5	19	30.19	30.28
13	OVC	014			5.00	HZ	49	43	46	80	6	15	30.14	30.22
16	FEW	036			5.00	HZ	50	44	47	80	6	15	30.09	30.18
19	OVC	034			5.00	HZ	50	45	48	83	5	16	30.04	30.13
22	OVC													

OBSERVATIONS AT 3-HOURLY INTERVALS

WILMINGTON, DE
NOVEMBER 2007 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)		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				Observation Time (LST)	Eff Cld Amt Oktas			DRY BULB	DEW POINT	WET BULB		SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL	
SUNRISE: 0644 NOV 13 SUNSET: 1649																														
01	OVC	055			3.00	BR	50	48	49	93	0	00	29.93	30.01	01	OVC	042			6.00	-RA	BR	43	40	42	89	16	06	30.23	30.31
04	FEW	040			3.00	BR	49	49	49	100	3	23	29.86	29.95	04	OVC	022			6.00	-RA	BR	40	38	39	93	11	02	30.27	30.35
07	OVC	065			3.00	BR	50	47	48	90	0	00	29.88	29.96	07	OVC	050			10.00			40	37	39	89	11	02	30.28	30.37
10	BKN	060			1.50	-RA BR	52	52	52	100	5	29	29.93	30.01	10	OVC	007			4.00	BR		42	39	41	89	14	03	30.31	30.40
13	CLR	NC			4.00	HZ	60	54	57	81	0	00	29.91	29.98	13	OVC	007			5.00	BR		42	39	41	89	16	04	30.28	30.37
16	CLR	NC			7.00		61	50	55	67	3	27	29.91	30.00	16	OVC	007			4.00	BR		43	39	41	86	8	05	30.25	30.34
19	CLR	NC			4.00	BR	50	47	48	90	0	00	29.96	30.03	19	OVC	007			4.00	BR		42	40	41	93	6	36	30.28	30.37
22	VV	001			0.25	FG	46	44	45	93	0	00	29.93	30.02	22	OVC	045			8.00			43	40	42	89	7	07	30.25	30.34
SUNRISE: 0645 NOV 14 SUNSET: 1648																														
01	VV	001			0.00	FG	43	41	42	93	0	00	29.93	30.01	01	OVC	048			10.00			44	39	42	83	7	08	30.22	30.30
04	VV	001			0.00	FG	44	43	44	96	0	00	29.90	29.98	04	OVC	034			10.00			44	40	42	86	7	13	30.14	30.22
07	VV	001			0.25	FG	45	44	45	96	0	00	29.90	29.98	07	OVC	027			10.00			47	43	45	86	10	17	30.10	30.18
10	OVC	001			0.50	FG	50	48	49	93	6	14	29.88	29.95	10	OVC	013			6.00	BR		47	44	46	89	8	17	30.06	30.14
13	OVC	001			0.75	BR	55	54	54	96	9	18	29.78	29.86	13	OVC	009			4.00	-RA	BR	50	47	48	90	7	24	29.98	30.06
16	BKN	090			1.00	BR	58	55	56	90	0	00	29.75	29.83	16	OVC	050			4.00	BR		51	47	49	86	5	25	29.98	30.06
19	OVC	110			2.00	BR	56	55	55	96	6	12	29.70	29.78	19	FEW	060			4.00	BR		49	46	48	89	5	05	30.01	30.09
22	OVC	095			4.00	BR	57	54	55	90	5	18	29.67	29.75	22	OVC	049			2.50	BR		49	47	48	93	3	29	30.02	30.10
SUNRISE: 0647 NOV 15 SUNSET: 1647																														
01	BKN	090			5.00	BR	56	53	54	90	7	16	29.57	29.65	01	OVC	070			3.00	BR		50	47	48	90	3	19	30.01	30.10
04	OVC	110			6.00	BR	58	54	56	87	9	15	29.47	29.55	04	OVC	075			2.00	BR		48	47	48	96	0	00	29.98	30.06
07	OVC	070			8.00	-RA	64	56	59	75	13	20	29.41	29.48	07	SCT	012			0.25	FG		45	44	45	96	0	00	29.98	30.06
10	OVC	055			8.00	-RA	50	47	48	90	11	30	29.49	29.57	10	SCT	095			3.00	BR		54	50	52	86	6	16	29.98	30.06
13	OVC	034			10.00	-RA	45	41	43	86	17	30	29.53	29.60	13	CLR	NC			4.00	HZ		61	52	56	72	3	15	29.91	29.98
16	OVC	070			10.00		44	41	43	89	11	29	29.53	29.61	16	CLR	NC			4.00	HZ		61	53	57	75	5	18	29.85	29.93
19	BKN	100			10.00		44	38	41	80	11	29	29.57	29.66	19	CLR	NC			4.00	HZ		56	51	53	83	3	14	29.85	29.93
22	CLR	NC			10.00		43	34	39	71	15	27	29.59	29.67	22	CLR	NC			4.00	BR		52	49	50	90	6	15	29.83	29.91
SUNRISE: 0648 NOV 16 SUNSET: 1647																														
01	SCT	043			10.00		41	32	37	70	14	28	29.59	29.67	01	CLR	NC			4.00	BR		53	50	51	90	5	14	29.77	29.85
04	SCT	042			10.00		42	32	38	68	15	28	29.62	29.70	04	CLR	NC			3.00	BR		48	46	47	93	5	13	29.72	29.80
07	CLR	NC			10.00		42	30	37	63	17	29	29.67	29.75	07	OVC	110			6.00	BR		51	48	49	90	6	18	29.70	29.78
10	CLR	NC			10.00		46	27	38	48	28	30	29.72	29.80	10	CLR	NC			10.00			64	54	58	70	13	22	29.65	29.73
13	OVC	060			10.00		45	23	37	42	21	30	29.73	29.82	13	FEW	110			10.00			71	57	63	61	16	20	29.57	29.66
16	FEW	065			10.00		44	23	36	44	18	30	29.77	29.85	16	BKN	055			10.00	-RA		69	57	62	66	20	27	29.62	29.70
19	CLR	NC			10.00		41	24	35	51	13	27	29.83	29.91	19	BKN	070			10.00			54	36	46	51	22	28	29.78	29.87
22	CLR	NC			10.00		38	23	32	55	10	25	29.88	29.96	22	CLR	NC			10.00			46	29	39	52	26	30	29.90	29.98
SUNRISE: 0649 NOV 17 SUNSET: 1646																														
01	CLR	NC			10.00		34	25	31	70	8	25	29.91	29.99	01	CLR	NC			10.00			41	26	35	55	17	30	29.96	30.03
04	CLR	NC			10.00		35	24	31	64	10	25	29.96	30.05	04	CLR	NC			10.00			38	24	33	57	10	30	29.96	30.05
07	CLR	NC			10.00		34	25	31	70	7	25	30.01	30.10	07	CLR	NC			10.00			33	22	29	64	8	30	30.03	30.12
10	CLR	NC			10.00		42	27	36	55	11	22	30.03	30.13	10	CLR	NC			10.00			38	19	31	46	16	33	30.09	30.18
13	CLR	NC			10.00		46	26	38	46	8	24	29.99	30.08	13	CLR	NC			10.00			43	18	34	37	21	31	30.09	30.18
16	FEW	080			10.00		46	27	38	48	8	24	29.99	30.08	16	CLR	NC			10.00			41	15	32	35	14	32	30.14	30.23
19	FEW	120			10.00		45	28	38	51	0	00	30.02	30.11	19	CLR	NC			10.00			34	17	28	50	8	29	30.22	30.31
22	OVC	090			10.00		44	31	39	60	6	08	30.06	30.14	22	CLR	NC			10.00			31	17	26	56	9	29	30.28	30.37
SUNRISE: 0650 NOV 18 SUNSET: 1645																														
01	OVC	075			10.00		44	31	39	60	8	06	30.04	30.13	01	CLR	NC			10.00			28	17	25	63	7	32	30.32	30.42
04	OVC	085			10.00		43	30	38	60	9	06	30.09	30.16	04	CLR	NC			10.00			28	17	25	63	5	28	30.36	30.45
07	OVC	090			10.00		44	33	39	65	15	05	30.12	30.21	07	CLR	NC			10.00			26	18	24	72	0	00	30.42	30.51
10	OVC	050			10.00		45	34	40	65	17	05	30.19	30.27	10	CLR	NC			10.00			36	19	30	50	7	VR	30.44	30.53
13	OVC	046			9.00	-RA	44	38	41	80	16	03	30.19	30.27	13	CLR	NC			10.00			40	16	32	38	0	00	30.38	30.47
16	OVC	022			10.00		42	38	40	86	10	05	30.20	30.29	16	CLR	NC			10.00			40	17	32	39	10	20	30.31	30.40
19	OVC	014			8.00	-RA	42	38	40	86	10	03	30.24	30.33	19	CLR	NC			10										

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: 0658														

[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.

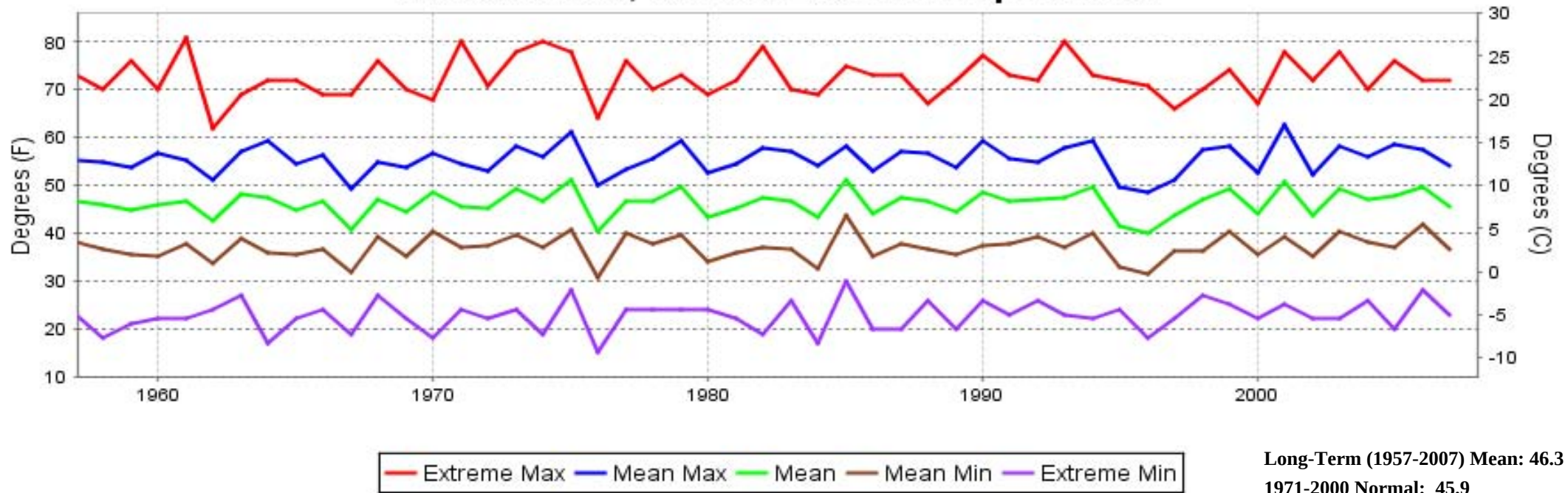
& = Original observation contained additional weather elements.

See page 3 for additional notes.

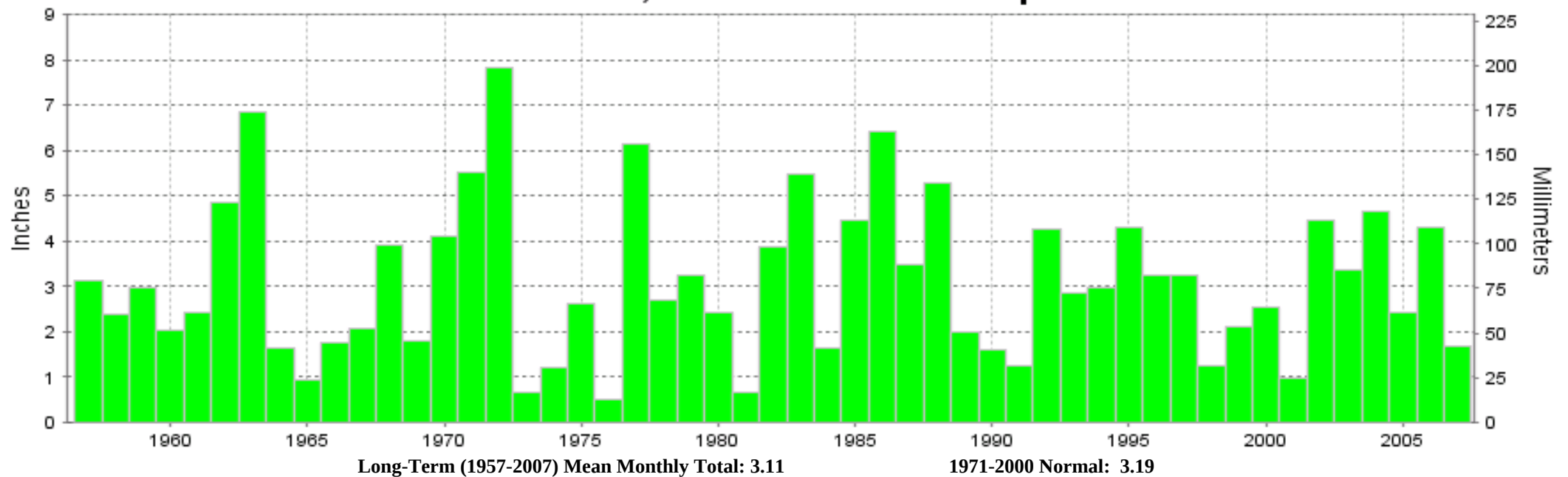
SUMMARY BY HOUR

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			43	34	40	73	30.01	30.09	8.37	8	3	25
02			43	35	40	74	30.01	30.09	8.22	6	3	25
03			42	35	39	76	30.00	30.09	8.48	7	3	25
04			42	35	39	76	30.00	30.08	7.98	7	3	25
05			42	35	39	77	30.00	30.09	8.07	6	3	25
06			41	34	39	78	30.01	30.09	7.82	6	3	25
07			42	35	39	78	30.02	30.10	7.73	8	3	26
08			43	36	40	78	30.03	30.12	7.17	8	4	26
09			45	36	41	72	30.04	30.12	7.83	9	4	26
10			47	36	42	67	30.04	30.12	8.28	10	3	26
11			49	35	43	63	30.03	30.12	8.43	10	4	26
12			50	35	44	59	30.01	30.10	8.23	10	4	26
13			51	34	44	57	30.00	30.08	8.40	10	5	26
14			51	34	44	55	29.98	30.07	8.66	10	5	26
15			51	34	44	55	29.98	30.07	8.53	10	4	26
16			50	34	43	56	29.99	30.07	8.50	10	5	26
17			49	34	42	59	30.00	30.08	8.41	8	3	25
18			47	34	42	63	30.01	30.09	8.43	7	3	25
19			46	34	41	65	30.01	30.10	8.38	7	3	25
20			45	34	41	67	30.02	30.10	8.30	8	3	25
21			45	34	40	67	30.02	30.10	8.58	8	4	26
22			44	34	40	69	30.02	30.11	8.43	8	3	26
23			43	33	39	70	30.02	30.10	8.19	7	3	25
24			43	33	39	71	30.01	30.10	8.15	8	2	24

WILMINGTON, DE NOVEMBER Temperatures



WILMINGTON, DE NOVEMBER Precipitation





NOVEMBER 2007
WILMINGTON, DE

LOCAL CLIMATOLOGICAL DATA NOAA, National Climatic Data Center

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