



# MARCH 2000

## LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

# WILMINGTON, DE

NEW CASTLE COUNTY APRT (ILG)  
 Lat: 39° 40' N Long: 75° 36' W Elev (Ground): 93 Feet  
 Time Zone: EASTERN WBAN: 13781 ISSN #: 0198-117X

DATE	TEMPERATURE °F						DEG DAYS BASE 65°		WEATHER	SNOW/ICE ON GND(IN)		PRECIPITATION (INCHES)		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	11	12	13	14	15	16	17	18	19	20	21	22	23	24						
01	53	30	42	4	32	39	23	0					0.00	29.87	29.97	3.7	16	5.2	23	15	18	15	01					
02	51	38	45	7	28	38	20	0					0.00	29.73	29.83	18.6	29	18.8	40	29	32	29	02					
03	51	35	43	5	19	33	22	0					0.00	29.77	29.87	15.4	30	15.8	32	28	28	29	03					
04	53	29	41	2	23	35	24	0					0.00	29.74	29.83	8.6	28	9.7	24	30	20	32	04					
05	62	37	50	11	27	40	15	0					0.00	29.73	29.82	9.7	29	11.7	32	29	28	30	05					
06	56	32	44	5	27	38	21	0					0.00	30.04	30.14	8.4	31	9.1	26	31	21	32	06					
07	65	31	48	8	33	42	17	0	RA			T	30.07	30.17	5.5	23	6.9	23	23	18	24	07						
08	81*	43	62*	22	47	53	3	0				T	29.83	29.93	1.9	32	6.4	20	31	16	16	08						
09	74	44	59	19	48	53	6	0	TSRA BR HZ			T	29.65	29.75	1.9	22	7.2	20	27	15	28	09						
10	66	46	56	15	43	50	9	0				T	29.91	30.01	5.9	32	9.6	23	29	18	32	10						
11	50	43	47	6	44	46	18	0	TS TSRA RA BR HZ			1.16	29.85	29.95	11.9	05	12.2	25	05	22	06	11						
12	49	34	42	0	24	36	23	0	RA HZ			0.33	29.69	29.79	13.4	30	15.3	43	30	32	30	12						
13	48	29	39	-3	17	32	26	0				0.00	30.20	30.30	7.1	27	8.6	21	29	16	29	13						
14	56	34	45	3	25	37	20	0				0.00	30.19	30.29	7.5	18	8.2	22	19	18	15	14						
15	68	35	52	9	35	44	13	0				0.00	30.12	30.22	8.5	19	9.2	33	20	26	20	15						
16	67	44	56	13	45	51	9	0	RA BR			1.16	29.92	30.02	4.8	19	6.8	20	19	17	19	16						
17	59	28	44	1	32	38	21	0	RA BR			0.30	29.91	30.01	15.5	33	16.6	37	31	29	30	17						
18	41	23*	32*	-11	13	26	33	0				0.00	30.50	30.60	5.1	06	10.2	24	32	18	33	18						
19	48	28	38	-6	27	34	27	0				0.00	30.40	30.51	8.6	09	9.4	21	07	18	07	19						
20	48	35	42	-2	31	37	23	0				0.00	30.30	30.40	13.1	06	13.3	25	05	22	05	20						
21	41	39	40	-4	38	40	25	0	RA BR			3.21	30.21	30.31	21.6	05	21.8	51*	03	43*	04	21						
22	49	39	44	-1	33	39	21	0	RA BR			1.96	30.26	30.36	15.0	04	15.5	37	04	31	04	22						
23	61	33	47	2	41	45	18	0	BR			0.00	30.20	30.30	1.2	30	5.0	14	30	11	30	23						
24	66	46	56	11	40	47	9	0				0.00	30.08	30.18	2.5	10	8.1	21	16	17	16	24						
25	68	43	56	10	46	50	9	0	RA			0.01	29.83	29.93	5.5	16	6.7	16	14	14	14	25						
26	65	45	55	9	31	46	10	0				0.00	29.65	29.74	12.7	29	13.5	33	28	26	28	26						
27	65	35	50	4	41	47	15	0	TS RA BR			0.86	29.48	29.58	5.8	14	8.5	31	15	25	15	27						
28	60	45	53	6	40	46	12	0	RA BR			0.18	29.21	29.30	11.0	26	13.0	36	30	29	30	28						
29	57	42	50	3	34	42	15	0				0.00	29.63	29.73	13.3	26	13.9	36	27	29	27	29						
30	61	34	48	1	33	42	17	0	BR			0.00	29.84	29.94	5.8	29	7.9	25	36	22	36	30						
31	58	32	45	-2	27	39	20	0				0.00	30.00	30.10	7.2	31	8.3	24	29	21	29	31						
< MONTHLY AVERAGES										TOTALS-->			9.17	29.93	30.03	3.1	31	10.7	<- MONTHLY AVERAGES									
5.9										3.4		4.6		<----- DEPARTURE FROM NORMAL ----->										5.74	SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3			
DEGREE DAYS									GREATEST 24-HR PRECIPITATION: 4.87 DATE: 21-22				SEA LEVEL PRESSURE				DATE		TIME									
MONTHLY TOTAL DEPARTURE									GREATEST 24-HR SNOWFALL:				MAXIMUM				:		18 0851									
SEASON TO DATE TOTAL DEPARTURE									GREATEST SNOW DEPTH:				MINIMUM				:		28 0351									
HEATING: 544									NUMBER OF DAYS WITH				MAXIMUM TEMP ≥ 90: 0				PRECIPITATION ≥ 0.01 INCH: 9											
COOLING: 0									->				MAXIMUM TEMP ≤ 32: 0				PRECIPITATION ≥ 0.10 INCH: 8											
0									0				MINIMUM TEMP ≤ 32: 0				SNOWFALL ≥ 1.0 INCH: :											
0									0				THUNDERSTORMS: 3				HEAVY FOG: 0											

MARCH 2000 WILMINGTON, DE

# HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

## WILMINGTON, DE

MARCH 2000

ILG

WBAN # 13781

DATE	FOR HOUR (LST) ENDING AT												DATE	FOR HOUR (LST) ENDING AT												DATE	Sum if Different (See Note)	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												01		0.00		
02													02												02		0.00		
03													03												03		0.00		
04													04												04		0.00		
05													05												05		0.00		
06													06												06		0.00		
07													07				T								07	T	0.00		
08													08												08		0.00		
09													09				T								09	T	0.00		
10													10												10		0.00		
11													11												11		1.16		
12													12												12		0.33		
13													13												13		0.00		
14													14												14		0.00		
15													15												15		0.00		
16													16												16	1.15	1.16		
17													17												17	0.31	0.30		
18													18												18		0.00		
19													19												19		0.00		
20													20												20		0.00		
21													21												21	3.09	3.21		
22													22												22	2.08	1.96		
23													23												23		0.00		
24													24												24		0.00		
25													25												25		0.01		
26													26												26		0.00		
27													27												27	0.83	0.86		
28													28												28	0.21	0.18		
29													29												29		0.00		
30													30												30		0.00		
31													31												31		0.00		

### 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 (Hour/Min)												

Date and time are not entered for TRACE amounts.

Note : The sum of the hourly totals is given when it differs from the daily total. 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.



# OBSERVATIONS AT 3-HOURLY INTERVALS

**WILMINGTON, DE**  
MARCH 2000

ILG

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)			
	SKY COVER	CEILING		OBSERVATION TIME (LST)	EFF CLD AMT Ok/as			DRY BULB	DEW POINT	WET BULB		SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL		SKY COVER	CEILING		OBSERVATION TIME (LST)	EFF CLD AMT Ok/as			DRY BULB	DEW POINT	WET BULB		SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL	DRY BULB	DEW POINT
SUNRISE: 0635								MAR 01	SUNSET: 1755								SUNRISE: 0626								MAR 07	SUNSET: 1801							
01	CLR	NC				10.00		40	25	34	55	6	24	30.06	30.15	01	CLR	NC					10.00		38	28	34	68	5	30	30.16	30.26	
04	CLR	NC				10.00		32	25	29	75	3	36	30.03	30.13	04	CLR	NC				10.00		35	28	32	76	3	31	30.17	30.27		
07	CLR	NC				10.00		32	27	30	82	0	00	30.02	30.12	07	CLR	NC				10.00		33	28	31	82	3	30	30.21	30.31		
10	CLR	NC				10.00		46	26	38	46	10	15	29.97	30.06	10	CLR	NC				10.00		52	30	43	43	10	18	30.19	30.29		
13	CLR	NC				10.00		49	31	41	50	10	16	29.83	29.93	13	CLR	NC				10.00		62	29	47	29	15	24	30.08	30.18		
16	OVC	085				10.00		53	34	44	49	7	17	29.74	29.84	16	CLR	NC				10.00		64	35	50	34	9	21	29.98	30.08		
19	FEW	NC				10.00		46	38	42	73	3	16	29.71	29.82	19	CLR	NC				10.00		57	36	47	45	6	17	29.94	30.03		
22	OVC	090				10.00		47	40	44	77	0	00	29.70	29.80	22	OVC	090				10.00		52	40	46	64	0	00	29.92	30.01		
SUNRISE: 0633								MAR 02	SUNSET: 1756								SUNRISE: 0624								MAR 08	SUNSET: 1802							
01	FEW	NC				10.00		48	39	44	71	10	30	29.69	29.79	01	CLR	NC				10.00		51	39	45	64	7	24	29.85	29.95		
04	CLR	NC				10.00		46	30	39	54	14	31	29.68	29.78	04	CLR	NC				10.00		48	40	44	74	0	00	29.85	29.95		
07	OVC	075				10.00		42	31	37	65	5	29	29.72	29.82	07	CLR	NC				10.00		47	40	44	77	0	00	29.88	29.98		
10	OVC	070				10.00		46	29	39	51	17	27	29.74	29.84	10	SCT	NC				10.00		63	44	53	50	0	00	29.89	29.99		
13	OVC	055				10.00		48	26	39	42	18	28	29.72	29.81	13	CLR	NC				10.00		79	57	66	47	12	30	29.82	29.92		
16	BKN	065				10.00		47	26	39	44	25	29	29.69	29.78	16	BKN	070				10.00		81	56	66	42	10	27	29.77	29.87		
19	OVC	055				10.00		42	24	35	49	21	30	29.77	29.87	19	BKN	085				10.00		61	51	56	70	12	16	29.80	29.90		
22	OVC	048				10.00		39	25	34	57	21	29	29.80	29.90	22	CLR	NC				10.00		57	46	51	67	7	05	29.83	29.93		
SUNRISE: 0632								MAR 03	SUNSET: 1757								SUNRISE: 0623								MAR 09	SUNSET: 1803							
01	OVC	045				10.00		37	24	32	60	21	28	29.79	29.89	01	CLR	NC				10.00		50	42	46	74	10	04	29.78	29.87		
04	OVC	041				10.00		37	24	32	60	17	28	29.79	29.89	04	CLR	NC				8.00		47	42	45	83	5	02	29.75	29.85		
07	OVC	043				10.00		36	24	32	62	14	28	29.82	29.92	07	CLR	NC				6.00	BR	46	42	44	86	0	00	29.72	29.82		
10	CLR	NC				10.00		41	24	35	51	18	30	29.83	29.93	10	CLR	NC				6.00	HZ	57	47	52	69	3	VR	29.71	29.81		
13	CLR	NC				10.00		49	18	37	29	23	29	29.77	29.87	13	CLR	NC				6.00	HZ	66	52	58	61	8	15	29.62	29.72		
16	CLR	NC				10.00		50	13	37	23	16	30	29.70	29.80	16	CLR	NC				6.00	HZ	67	54	59	63	9	15	29.52	29.62		
19	CLR	NC				10.00		42	14	32	32	9	28	29.73	29.83	19	CLR	NC				10.00		69	51	59	53	10	20	29.53	29.63		
22	CLR	NC				10.00		38	13	30	36	9	30	29.77	29.87	22	FEW	NC				10.00		64	50	56	61	12	28	29.59	29.69		
SUNRISE: 0630								MAR 04	SUNSET: 1758								SUNRISE: 0621								MAR 10	SUNSET: 1804							
01	CLR	NC				10.00		33	16	27	49	8	32	29.77	29.87	01	FEW	NC				10.00		63	50	56	63	14	31	29.68	29.78		
04	CLR	NC				10.00		34	15	28	46	7	29	29.78	29.88	04	CLR	NC				10.00		58	42	50	56	14	29	29.76	29.86		
07	CLR	NC				10.00		31	19	27	61	9	28	29.79	29.89	07	CLR	NC				10.00		51	42	47	71	8	30	29.87	29.97		
10	CLR	NC				10.00		43	22	35	43	14	30	29.81	29.91	10	CLR	NC				10.00		58	42	50	56	12	30	29.92	30.02		
13	CLR	NC				10.00		50	23	39	35	17	28	29.73	29.83	13	FEW	NC				10.00		62	43	52	50	8	27	29.93	30.03		
16	CLR	NC				10.00		52	26	41	37	14	32	29.66	29.76	16	CLR	NC				10.00		62	42	52	48	5	34	29.95	30.05		
19	CLR	NC				10.00		48	27	39	44	8	27	29.68	29.78	19	CLR	NC				10.00		57	42	50	58	7	04	29.98	30.08		
22	CLR	NC				10.00		45	27	38	49	6	23	29.69	29.79	22	CLR	NC				10.00		48	40	44	74	9	05	30.06	30.16		
SUNRISE: 0629								MAR 05	SUNSET: 1759								SUNRISE: 0620								MAR 11	SUNSET: 1806							
01	SCT	NC				10.00		40	30	36	68	7	25	29.68	29.78	01	SCT	NC				10.00		45	41	43	86	9	06	30.05	30.15		
04	CLR	NC				10.00		41	25	35	53	7	25	29.65	29.75	04	OVC	009				10.00		47	43	45	86	10	05	30.02	30.12		
07	CLR	NC				10.00		42	21	34	43	8	27	29.69	29.79	07	OVC	009				10.00		49	45	47	86	12	06	30.00	30.09		
10	CLR	NC				10.00		54	31	44	42	9	25	29.71	29.81	10	OVC	011				10.00		49	46	47	90	16	06	29.95	30.04		
13	CLR	NC				10.00		60	28	46	30	20	28	29.67	29.77	13	OVC	007				1.50	TSRA BR	49	49	49	100	14	06	29.80	29.90		
16	CLR	NC				10.00		62	26	46	25	22	28	29.68	29.77	16	OVC	005				6.00	BR	48	47	47	96	10	03	29.77	29.87		
19	CLR	NC				10.00		51	26	41	38	8	29	29.77	29.87	19	OVC	003				2.50	-RA BR	47	46	46	97	13	03	29.73	29.83		
22	CLR	NC				10.00		48	29	40	48	13	36	29.86	29.96	22	OVC	005				7.00	-TSRA	45	31	39	58	16	06	29.65	29.75		
SUNRISE: 0627								MAR 06	SUNSET: 1800								SUNRISE: 0618								MAR 12	SUNSET: 1807							
01	CLR	NC				10.00		40	27	35	60	8	35	29.94	30.04	01	OVC	001				1.00	RA	43	31	38	63	8	07	29.60	29.70		
04	CLR	NC				10.00		38	27	34	65	6	30	29.97	30.06	04	OVC	005				4.00	HZ	46	28	39	50	5	36	29.50	29.60		
07	CLR	NC				10.00		32	27	30	82	6	30	30.03	30.12	07	OVC	065				6.00	HZ	47	27	39	46	6	29	29.53	29.63		
10	CLR	NC				10.00		47	28	39	48	17	34	30.05	30.14	10	OVC	060				10.00		48	27	39	44	24	29	29.57	29.66		
13	CLR	NC				10.00		52	27	42	38	12	30	30.03	30.13	13	OVC	035				10.00		46	28	39	50	20	29	29.61	29.71		
16	CLR	NC				10.00		55	27	43	34	14	30	30.03	30.13	16	OVC	033				10.00		41	25	35	53	18	31	29.72	29.82		
19	CLR	NC				10.00		49	27	40	43	10	30	30.09	30.19	19	CLR	NC				10.00		39	23	33	53	22	30	29.84	29.93		
22	CLR	NC				10.00		44	26	37	49	6	29	30.13	30.23	22	CLR	NC				10.00		35	11	28	37	13	31	29.99	30.09		

# OBSERVATIONS AT 3-HOURLY INTERVALS

**WILMINGTON, DE**  
MARCH 2000

ILG

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)	
	SKY COVER	CEILING		OBSERVATION TIME (LST)	EFF CLD AMT Okta			DRY BULB	DEW POINT	WET BULB		SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL		SKY COVER	CEILING		OBSERVATION TIME (LST)	EFF CLD AMT Okta			DRY BULB	DEW POINT	WET BULB		SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL
<b>SUNRISE: 0616 MAR 13</b>								<b>SUNSET: 1808</b>								<b>SUNRISE: 0607 MAR 19</b>								<b>SUNSET: 1814</b>							
01	CLR	NC				10.00		33	9	26	36	8	28	30.09	30.19	01	CLR	NC				10.00		29	22	27	75	5	05	30.50	30.60
04	CLR	NC				10.00		31	8	24	38	7	28	30.13	30.23	04	CLR	NC				10.00		32	24	29	73	10	07	30.43	30.53
07	CLR	NC				10.00		30	8	24	39	6	27	30.22	30.32	07	CLR	NC				10.00		33	24	30	70	8	07	30.46	30.56
10	CLR	NC				10.00		40	19	33	43	10	33	30.26	30.36	10	BKN	035				10.00		40	26	35	58	13	08	30.44	30.54
13	CLR	NC				10.00		45	23	37	42	14	27	30.22	30.32	13	OVC	041				10.00		45	27	38	49	9	11	30.40	30.50
16	CLR	NC				10.00		46	21	37	37	10	26	30.19	30.29	16	BKN	050				10.00		48	28	40	46	12	12	30.33	30.43
19	BKN	095				10.00		45	19	35	35	7	21	30.22	30.32	19	OVC	050				10.00		43	29	37	58	14	11	30.35	30.45
22	OVC	085				10.00		43	22	35	43	7	20	30.25	30.35	22	OVC	050				10.00		37	29	34	73	9	08	30.37	30.47
<b>SUNRISE: 0615 MAR 14</b>								<b>SUNSET: 1809</b>								<b>SUNRISE: 0605 MAR 20</b>								<b>SUNSET: 1815</b>							
01	OVC	080				10.00		41	21	34	45	5	18	30.25	30.35	01	OVC	050				10.00		37	30	34	76	8	05	30.34	30.44
04	BKN	080				10.00		38	16	31	41	3	18	30.22	30.32	04	CLR	NC				10.00		36	30	34	79	10	05	30.30	30.40
07	CLR	NC				10.00		35	13	28	40	5	17	30.25	30.35	07	CLR	NC				10.00		36	31	34	82	14	06	30.31	30.41
10	CLR	NC				10.00		47	25	38	42	13	19	30.25	30.35	10	BKN	021				10.00		40	30	36	68	13	06	30.33	30.43
13	FEW	NC				10.00		53	30	43	41	13	17	30.19	30.28	13	BKN	033				10.00		47	31	40	54	13	05	30.29	30.39
16	CLR	NC				10.00		53	28	42	38	16	15	30.12	30.21	16	BKN	033				10.00		45	31	39	58	17	06	30.26	30.36
19	BKN	095				10.00		46	24	37	42	12	16	30.13	30.23	19	OVC	019				10.00		40	31	36	70	15	05	30.30	30.40
22	CLR	NC				10.00		42	37	40	82	5	16	30.16	30.25	22	OVC	027				10.00		41	35	38	79	15	05	30.29	30.39
<b>SUNRISE: 0613 MAR 15</b>								<b>SUNSET: 1810</b>								<b>SUNRISE: 0604 MAR 21</b>								<b>SUNSET: 1816</b>							
01	CLR	NC				10.00		41	34	38	76	7	20	30.17	30.27	01	OVC	007				3.00	-RA BR	40	38	39	93	14	04	30.27	30.37
04	CLR	NC				10.00		40	32	37	73	0	00	30.15	30.25	04	OVC	015				4.00	RA BR	39	38	39	96	20	05	30.25	30.35
07	CLR	NC				10.00		37	32	35	82	0	00	30.19	30.29	07	OVC	008				10.00	-RA	40	37	39	89	20	05	30.23	30.33
10	CLR	NC				10.00		56	36	47	47	12	21	30.18	30.28	10	OVC	008				10.00		41	38	40	89	24	06	30.23	30.33
13	FEW	NC				10.00		67	33	51	29	17	21	30.12	30.22	13	OVC	008				2.50	RA BR	41	39	40	93	16	06	30.22	30.32
16	CLR	NC				10.00		67	32	50	27	15	20	30.06	30.16	16	OVC	009				2.00	+RA BR	41	39	40	93	23	04	30.20	30.30
19	CLR	NC				10.00		54	37	46	53	9	14	30.07	30.16	19	OVC	024				2.50	-RA	41	39	40	93	35	05	30.11	30.21
22	CLR	NC				10.00		50	39	45	66	3	16	30.08	30.18	22	OVC	014				5.00	RA BR	41	38	40	89	28	05	30.17	30.27
<b>SUNRISE: 0612 MAR 16</b>								<b>SUNSET: 1811</b>								<b>SUNRISE: 0602 MAR 22</b>								<b>SUNSET: 1817</b>							
01	CLR	NC				10.00		48	43	46	83	3	18	30.05	30.15	01	OVC	032				4.00	RA BR	40	38	39	93	22	03	30.17	30.27
04	CLR	NC				10.00		47	43	45	86	0	00	30.01	30.10	04	OVC	028				3.00	+RA BR	39	37	38	93	28	03	30.19	30.29
07	OVC	110				10.00		54	38	46	55	7	22	30.02	30.12	07	OVC	044				7.00	-RA	39	31	36	73	26	04	30.21	30.31
10	BKN	090				10.00		59	37	49	44	8	26	30.02	30.12	10	OVC	011				10.00		41	31	37	67	18	03	30.27	30.37
13	FEW	NC				10.00		67	45	55	45	10	22	29.97	30.06	13	OVC	017				10.00		45	31	39	58	14	02	30.29	30.39
16	CLR	NC				10.00		66	45	55	47	8	19	29.87	29.97	16	OVC	032				10.00		49	31	41	50	16	05	30.27	30.37
19	OVC	034				4.00	+RA BR	56	53	54	90	0	00	29.85	29.95	19	OVC	024				10.00		48	29	40	48	8	06	30.30	30.40
22	OVC	004				2.00	RA BR	55	54	54	96	7	08	29.71	29.81	22	CLR	NC				10.00		43	39	41	86	5	07	30.28	30.38
<b>SUNRISE: 0610 MAR 17</b>								<b>SUNSET: 1812</b>								<b>SUNRISE: 0600 MAR 23</b>								<b>SUNSET: 1818</b>							
01	OVC	002				2.50	RA BR	55	55	55	100	3	15	29.58	29.67	01	CLR	NC				10.00		39	36	38	89	6	04	30.29	30.39
04	OVC	003				3.00	BR	58	58	58	100	7	26	29.52	29.62	04	CLR	NC				5.00	BR	35	34	35	96	0	00	30.26	30.36
07	OVC	030				8.00	-RA	45	42	44	90	18	34	29.65	29.75	07	OVC	029				4.00	BR	38	36	37	93	0	00	30.29	30.39
10	OVC	023				10.00		41	34	38	76	21	31	29.80	29.90	10	CLR	NC				9.00		48	39	44	71	3	VR	30.27	30.37
13	OVC	048				10.00		40	30	36	68	25	31	29.91	30.01	13	CLR	NC				10.00		56	44	50	65	7	12	30.21	30.31
16	OVC	065				10.00		41	22	34	47	23	33	30.02	30.12	16	FEW	NC				10.00		60	44	52	56	5	VR	30.14	30.24
19	CLR	NC				10.00		34	17	28	50	22	33	30.20	30.30	19	CLR	NC				10.00		57	46	51	67	3	VR	30.12	30.22
22	CLR	NC				10.00		30	13	25	49	15	36	30.33	30.43	22	CLR	NC				10.00		52	44	48	75	9	30	30.11	30.21
<b>SUNRISE: 0608 MAR 18</b>								<b>SUNSET: 1813</b>								<b>SUNRISE: 0559 MAR 24</b>								<b>SUNSET: 1819</b>							
01	CLR	NC				10.00		27	8	22	45	9	34	30.41	30.51	01	CLR	NC				9.00		47	41	44	80	7	31	30.10	30.20
04	CLR	NC				10.00		25	6	20	44	13	35	30.42	30.52	04	CLR	NC				10.00		49	40	45	71	7	35	30.08	30.18
07	CLR	NC				10.00		25	8	20	48	7	36	30.52	30.62	07	CLR	NC				9.00		47	41	44	80	6	33	30.13	30.23
10	CLR	NC				10.00		31	12	25	45	13	05	30.56	30.66	10	CLR	NC				10.00		59	42	51	54	8	05	30.15	30.24
13	CLR	NC				10.00		36	12	28	37	8	05	30.52	30.62	13	CLR	NC				10.00		64	38	51	38	5	VR	30.10	30.19
16	CLR	NC				10.00		40	13	31	33	7	09	30.49	30.59	16	CLR	NC				10.00		61	40	51	46	16	15	30.04	30.14
19	CLR	NC				10.00		35	22	30	59	12	18	30.51	30.61	19	CLR	NC				10.00		53	38	46	57	9	15	30.03	30.13
22	CLR	NC				10.00		30	21	27	69	7	12	30.54	30.64	22	CLR	NC				10.00		48	41	45	77	7	13	30.04	30.14

# OBSERVATIONS AT 3-HOURLY INTERVALS

# WILMINGTON, DE

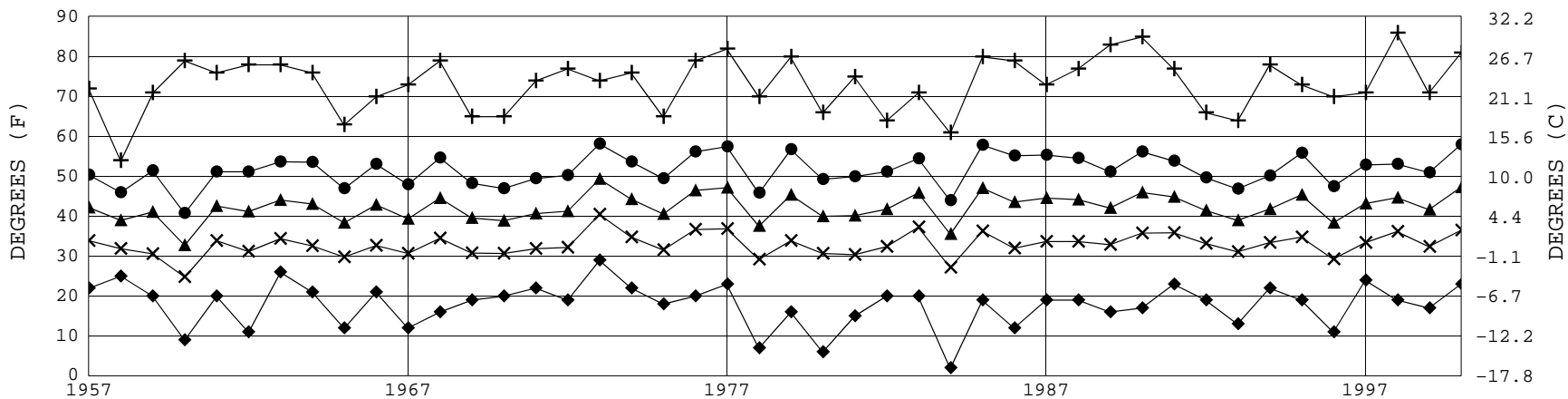
MARCH 2000

ILG

WBAN # 13781

HOUR (LST)	SKY COVER		CEILING 100'S OF FT	SATELLITE		WEATHER	TEMPERATURE ° F				WIND		PRESSURE (INCHES, HG)		HOUR (LST)	SKY COVER		CEILING 100'S OF FT	SATELLITE		WEATHER	TEMPERATURE ° F				WIND		PRESSURE (INCHES, HG)																																																																																																																																																																																																																																																																																																																																																			
	SKY COVER	CEILING		OBSERVATION TIME (LST)	EFF CLD AMT Okltas		VISIBILITY (MILES)	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION TENS OF DEG	STATION		SEA LEVEL	SKY COVER		CEILING	OBSERVATION TIME (LST)		EFF CLD AMT Okltas	VISIBILITY (MILES)	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL																																																																																																																																																																																																																																																																																																																																																
<b>SUNRISE: 0557</b>							<b>MAR 25</b>	<b>SUNSET: 1820</b>							<b>SUNRISE: 0548</b>							<b>MAR 31</b>	<b>SUNSET: 1826</b>																																																																																																																																																																																																																																																																																																																																																								
01	CLR	NC			10.00		45	42	44	90	0	00	30.03	30.13	01	CLR	NC			10.00		41	24	35	51	8	36	29.93	30.03																																																																																																																																																																																																																																																																																																																																																		
04	CLR	NC			9.00		44	40	42	85	3	17	29.99	30.09	04	CLR	NC			10.00		39	25	34	57	3	29	29.95	30.04																																																																																																																																																																																																																																																																																																																																																		
07	CLR	NC			9.00		45	39	42	80	3	10	29.97	30.06	07	CLR	NC			10.00		37	30	34	76	6	29	30.01	30.10																																																																																																																																																																																																																																																																																																																																																		
10	CLR	NC			10.00		55	43	49	64	10	15	29.90	30.00	10	FEW	NC			10.00		50	28	41	43	8	32	30.04	30.14																																																																																																																																																																																																																																																																																																																																																		
13	CLR	NC			10.00		64	49	56	58	9	15	29.80	29.90	13	CLR	NC			10.00		54	27	43	35	10	30	30.01	30.11																																																																																																																																																																																																																																																																																																																																																		
16	BKN	100			7.00		60	53	56	78	7	16	29.73	29.83	16	CLR	NC			10.00		58	28	45	32	13	31	29.96	30.06																																																																																																																																																																																																																																																																																																																																																		
19	CLR	NC			8.00		57	51	54	81	5	14	29.69	29.78	19	CLR	NC			10.00		53	27	42	37	5	26	30.00	30.10																																																																																																																																																																																																																																																																																																																																																		
22	CLR	NC			10.00		58	51	54	78	8	19	29.65	29.75	22	CLR	NC			10.00		48	28	40	46	7	25	30.05	30.15																																																																																																																																																																																																																																																																																																																																																		
<b>SUNRISE: 0556</b>							<b>MAR 26</b>	<b>SUNSET: 1821</b>							<b>3-HOURLY OBSERVATION NOTES</b>																																																																																																																																																																																																																																																																																																																																																																
01	FEW	NC			10.00		57	52	54	83	12	24	29.64	29.74	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, VV = Vertical Visibility = 8/8.																																																																																																																																																																																																																																																																																																																																																																
04	CLR	NC			9.00		55	52	53	90	8	28	29.64	29.73	Ceiling is reported in hundreds of feet above ground level for clouds at or below 12,000 feet.																																																																																																																																																																																																																																																																																																																																																																
07	CLR	NC			10.00		56	27	44	33	17	30	29.69	29.79	NC= No ceiling detected.																																																																																																																																																																																																																																																																																																																																																																
10	CLR	NC			10.00		60	28	46	30	16	30	29.66	29.76	& = Original observation contained additional weather elements.																																																																																																																																																																																																																																																																																																																																																																
13	CLR	NC			10.00		63	29	48	28	24	27	29.61	29.71	See page 3 for additional notes.																																																																																																																																																																																																																																																																																																																																																																
16	SCT	NC			10.00		62	25	46	24	25	29	29.60	29.70																																																																																																																																																																																																																																																																																																																																																																	
19	CLR	NC			10.00		56	23	42	28	9	27	29.65	29.75																																																																																																																																																																																																																																																																																																																																																																	
22	CLR	NC			10.00		51	25	40	36	5	21	29.66	29.76																																																																																																																																																																																																																																																																																																																																																																	
<b>SUNRISE: 0554</b>							<b>MAR 27</b>	<b>SUNSET: 1822</b>							<b>SUMMARY BY HOUR</b>																																																																																																																																																																																																																																																																																																																																																																
01	CLR	NC			10.00		45	27	38	49	3	28	29.67	29.77	<table border="1"> <thead> <tr> <th rowspan="3">HOUR (LST)</th> <th colspan="10">AVERAGES</th> <th colspan="2">RESULTANT WIND (MPH)</th> </tr> <tr> <th rowspan="2">CEILOMETER</th> <th rowspan="2">EFF CLD AMT</th> <th rowspan="2">DRY BULB</th> <th rowspan="2">DEW POINT</th> <th rowspan="2">WET BULB</th> <th rowspan="2">RELATIVE HUMIDITY</th> <th colspan="2">PRESSURE (INCHES, HG)</th> <th rowspan="2">VISIBILITY (MILES)</th> <th rowspan="2">WIND SPEED (MPH)</th> <th rowspan="2">SPEED</th> <th rowspan="2">DIRECTION</th> </tr> <tr> <th>STATION</th> <th>SEA LEVEL</th> </tr> </thead> <tbody> <tr><td>01</td><td></td><td></td><td>43</td><td>34</td><td>39</td><td>71</td><td>29.93</td><td>30.03</td><td>8.79</td><td>8</td><td>3</td><td>33</td></tr> <tr><td>02</td><td></td><td></td><td>42</td><td>33</td><td>39</td><td>72</td><td>29.93</td><td>30.02</td><td>9.00</td><td>8</td><td>3</td><td>33</td></tr> <tr><td>03</td><td></td><td></td><td>42</td><td>33</td><td>39</td><td>73</td><td>29.92</td><td>30.02</td><td>8.71</td><td>8</td><td>3</td><td>34</td></tr> <tr><td>04</td><td></td><td></td><td>41</td><td>32</td><td>38</td><td>72</td><td>29.92</td><td>30.02</td><td>8.87</td><td>8</td><td>4</td><td>33</td></tr> <tr><td>05</td><td></td><td></td><td>40</td><td>31</td><td>37</td><td>71</td><td>29.93</td><td>30.03</td><td>8.97</td><td>9</td><td>5</td><td>33</td></tr> <tr><td>06</td><td></td><td></td><td>40</td><td>31</td><td>36</td><td>71</td><td>29.94</td><td>30.04</td><td>9.06</td><td>9</td><td>4</td><td>33</td></tr> <tr><td>07</td><td></td><td></td><td>40</td><td>31</td><td>37</td><td>71</td><td>29.96</td><td>30.06</td><td>9.16</td><td>8</td><td>3</td><td>33</td></tr> <tr><td>08</td><td></td><td></td><td>44</td><td>32</td><td>39</td><td>65</td><td>29.97</td><td>30.07</td><td>9.52</td><td>10</td><td>4</td><td>32</td></tr> <tr><td>09</td><td></td><td></td><td>47</td><td>32</td><td>40</td><td>58</td><td>29.97</td><td>30.07</td><td>9.65</td><td>12</td><td>4</td><td>31</td></tr> <tr><td>10</td><td></td><td></td><td>49</td><td>32</td><td>42</td><td>54</td><td>29.97</td><td>30.06</td><td>9.84</td><td>13</td><td>3</td><td>30</td></tr> <tr><td>11</td><td></td><td></td><td>52</td><td>33</td><td>43</td><td>51</td><td>29.96</td><td>30.05</td><td>9.48</td><td>13</td><td>4</td><td>30</td></tr> <tr><td>12</td><td></td><td></td><td>53</td><td>33</td><td>44</td><td>48</td><td>29.94</td><td>30.04</td><td>9.65</td><td>14</td><td>5</td><td>28</td></tr> <tr><td>13</td><td></td><td></td><td>55</td><td>33</td><td>45</td><td>47</td><td>29.92</td><td>30.02</td><td>9.35</td><td>14</td><td>5</td><td>27</td></tr> <tr><td>14</td><td></td><td></td><td>56</td><td>33</td><td>46</td><td>46</td><td>29.90</td><td>30.00</td><td>9.55</td><td>14</td><td>6</td><td>27</td></tr> <tr><td>15</td><td></td><td></td><td>56</td><td>34</td><td>46</td><td>46</td><td>29.89</td><td>29.99</td><td>9.45</td><td>14</td><td>6</td><td>28</td></tr> <tr><td>16</td><td></td><td></td><td>55</td><td>34</td><td>45</td><td>47</td><td>29.89</td><td>29.99</td><td>9.39</td><td>14</td><td>4</td><td>28</td></tr> <tr><td>17</td><td></td><td></td><td>54</td><td>33</td><td>45</td><td>48</td><td>29.89</td><td>29.99</td><td>9.52</td><td>13</td><td>4</td><td>27</td></tr> <tr><td>18</td><td></td><td></td><td>52</td><td>33</td><td>44</td><td>52</td><td>29.90</td><td>30.00</td><td>9.45</td><td>12</td><td>2</td><td>26</td></tr> <tr><td>19</td><td></td><td></td><td>49</td><td>34</td><td>43</td><td>57</td><td>29.91</td><td>30.01</td><td>9.26</td><td>10</td><td>1</td><td>31</td></tr> <tr><td>20</td><td></td><td></td><td>48</td><td>34</td><td>42</td><td>61</td><td>29.93</td><td>30.02</td><td>9.15</td><td>10</td><td>1</td><td>34</td></tr> <tr><td>21</td><td></td><td></td><td>47</td><td>34</td><td>42</td><td>65</td><td>29.93</td><td>30.03</td><td>9.13</td><td>9</td><td>2</td><td>1</td></tr> <tr><td>22</td><td></td><td></td><td>46</td><td>34</td><td>41</td><td>65</td><td>29.94</td><td>30.03</td><td>9.23</td><td>9</td><td>3</td><td>36</td></tr> <tr><td>23</td><td></td><td></td><td>45</td><td>34</td><td>41</td><td>68</td><td>29.94</td><td>30.03</td><td>8.95</td><td>9</td><td>3</td><td>36</td></tr> <tr><td>24</td><td></td><td></td><td>44</td><td>34</td><td>40</td><td>69</td><td>29.93</td><td>30.03</td><td>8.86</td><td>9</td><td>3</td><td>34</td></tr> </tbody> </table>														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	39	71	29.93	30.03	8.79	8	3	33	02			42	33	39	72	29.93	30.02	9.00	8	3	33	03			42	33	39	73	29.92	30.02	8.71	8	3	34	04			41	32	38	72	29.92	30.02	8.87	8	4	33	05			40	31	37	71	29.93	30.03	8.97	9	5	33	06			40	31	36	71	29.94	30.04	9.06	9	4	33	07			40	31	37	71	29.96	30.06	9.16	8	3	33	08			44	32	39	65	29.97	30.07	9.52	10	4	32	09			47	32	40	58	29.97	30.07	9.65	12	4	31	10			49	32	42	54	29.97	30.06	9.84	13	3	30	11			52	33	43	51	29.96	30.05	9.48	13	4	30	12			53	33	44	48	29.94	30.04	9.65	14	5	28	13			55	33	45	47	29.92	30.02	9.35	14	5	27	14			56	33	46	46	29.90	30.00	9.55	14	6	27	15			56	34	46	46	29.89	29.99	9.45	14	6	28	16			55	34	45	47	29.89	29.99	9.39	14	4	28	17			54	33	45	48	29.89	29.99	9.52	13	4	27	18			52	33	44	52	29.90	30.00	9.45	12	2	26	19			49	34	43	57	29.91	30.01	9.26	10	1	31	20			48	34	42	61	29.93	30.02	9.15	10	1	34	21			47	34	42	65	29.93	30.03	9.13	9	2	1	22			46	34	41	65	29.94	30.03	9.23	9	3	36	23			45	34	41	68	29.94	30.03	8.95	9	3	36	24			44	34	40	69	29.93	30.03	8.86	9	3	34
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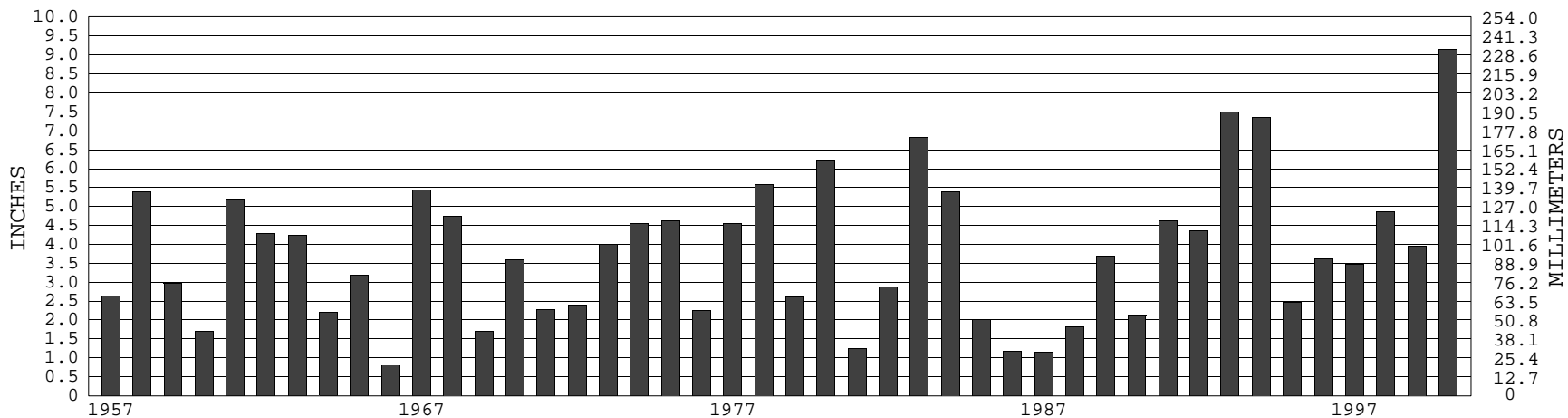
### WILMINGTON, DE MARCH TEMPERATURES



+ Extreme Max.      ● Mean Max.      ▲ Mean      × Mean Min.      ◆ Extreme Min.

Long-Term (1957-2000) Mean: 42.3      1961-1990 Normal: 42.7

### WILMINGTON, DE MARCH PRECIPITATION



Long-Term (1957-2000) Mean Monthly Total: 3.80

1961-1990 Normal: 3.43



**MARCH 2000  
WILMINGTON, DE**

# LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

*I certify that this is an official publication of the National Oceanic and Atmospheric Administration (NOAA). It is compiled using information from weather observing sites operated by NOAA – National Weather Service / Department Of Transportation – Federal Aviation Administration and received at the National Climatic Data Center (NCDC), Asheville, North Carolina 28801.*

DIRECTOR

## NOTICE

Effective July 1, 1996, the National Weather Service & Federal Aviation Administration began using the METAR format for Hourly Observations.

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