



# NOVEMBER 1997

## LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

# WILMINGTON, DE

GREATER WILMINGTON AIRPORT (ILG)  
 Lat: 39° 40' N Long: 75° 36' W Elev (Ground): 74 Feet  
 Time Zone: EASTERN WBAN: 13781 ISSN #: 0198-117X

NOVEMBER 1997  
WILMINGTON, DE

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																																	
																			SPEED	DIR	SPEED	DIR																																
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24																															
01	62	57	60*	9	59	59	5	0	RA DZ BR				0.90	29.55	29.61	4.8	09	11.1	28	05	23	05	01																															
02	60	43	52	1	49	52	13	0	RA FG+ BR				0.16	29.45	29.54	4.1	23	10.6	26	26	23	26	02																															
03	66*	37	52	2	40	46	13	0	RA BR				T	29.79	29.88	5.6	18	6.8	28	19	24	19	03																															
04	57	37	47	-3	40	44	18	0	RA BR				T	29.97	30.05	6.8	28	7.8	23	28	21	28	04																															
05	54	30	42	-8	30	38	23	0	HZ				0.00	30.34	30.43	2.8	30	5.2	14	11	10	12	05																															
06	55	32	44	-5	41	44	21	0	RA BR				0.12	30.23	30.31	11.7	04	12.7	26	07	23	07	06																															
07	53	47	50	1	45	48	15	0	RA BR HZ				0.07	29.83	29.91	23.4	05	23.5	46*	05	37*	05	07																															
08	50	47	49	0	47	48	16	0	RA DZ BR				0.40	29.60	29.68	13.5	02	14.4	34	04	28	04	08																															
09	52	46	49	0	45	47	16	0	RA DZ BR				0.20	29.49	29.57	11.0	33	12.3	24	32	20	36	09																															
10	51	42	47	-1	35	41	18	0					0.00	29.76	29.84	10.3	29	10.8	24	30	20	31	10																															
11	53	42	48	0	33	41	17	0					0.00	29.89	29.97	8.7	30	9.0	20	30	17	32	11																															
12	47	32	40	-8	27	35	25	0					0.00	29.94	30.02	8.2	28	9.0	26	28	22	27	12																															
13	46	28	37	-10			28	0	RA FG+ BR HZ				0.12	29.99				10.9	23	07	21	07	13																															
14	44	35	40	-7			25	0	RA FG+ BR				0.28	29.51				6.7					14																															
15	43	35	39	-8			26	0	RA				0.01					4.9					15																															
16	43	31	37	-9			28	0					0.00					6.1					16																															
17	43	27	35	-11			30	0					0.00					4.1					17																															
18	43	22	33	-13			32	0					0.00					1.5					18																															
19	49	22*	36	-9	27	32	29	0	FG+ FZFG BR HZ				0.00	30.04	30.12	2.2	22	4.6	13	14	11	14	19																															
20	54	29	42	-3	31	37	23	0	BR HZ				0.00	30.01	30.10	4.8	25	5.5	18	25	15	25	20																															
21	59	31	45	0	37	41	20	0	RA BR HZ				0.62	29.99	30.07	1.7	17	5.8	22	19	20	19	21																															
22	54	43	49	5	45	47	16	0	RA BR HZ				0.31	29.78	29.86	3.4	34	6.0	15	05	13	05	22																															
23	49	39	44	0	41	43	21	0	RA BR HZ				T			2.8	01	3.9	10	25	9	25	23																															
24	41	29	35	-8	21	31	30	0	RA BR				T			15.7	29	16.1	37	30	32	31	24																															
25	42	23	33*	-10	21	30	32	0					0.00	30.15	30.24	7.0	22	7.6	20	24	16	24	25																															
26	53	37	45	2	32	40	20	0	RA				T	29.71	29.80	7.9	22	8.7	28	25	22	26	26																															
27	52	36	44	2	28	38	21	0					0.00	29.91	29.99	16.3	29	16.9	44	28	36	30	27																															
28	50	36	43	1	34	40	22	0	RA				0.02	29.95	30.03	5.2	21	6.3	20	18	16	18	28																															
29	55	44	50	9	38	44	15	0					0.00	29.94	30.03	1.9	08	5.4	16	04	13	03	29																															
30	50	46	48	7	44	46	17	0	RA BR				0.03	29.58	29.66	4.0	04	5.8	13	06	11	05	30																															
											51.0		36.2		43.6		■ ■		21.2		0.0		< MONTHLY AVERAGES				TOTALS-->				3.24						8.7		<-- MONTHLY AVERAGES															
											-4.5		-.8		-2.7		■ ■		<----- DEPARTURE FROM NORMAL ----->										-.03		SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3																							
DEGREE DAYS											GREATEST 24-HR PRECIPITATION: 0.90 DATE: 01											SEA LEVEL PRESSURE DATE TIME																																
MONTHLY TOTAL DEPARTURE											GREATEST 24-HR SNOWFALL: DATE:											MAXIMUM : 30.48 05 0920																																
SEASON TO DATE TOTAL DEPARTURE											GREATEST SNOWFALL: DATE:											MINIMUM : 29.36 30 2359																																
HEATING: 635 74 1032 148											NUMBER OF DAYS WITH →											MAXIMUM TEMP ≥ 90: 0											MINIMUM TEMP ≤ 32: 12											PRECIPITATION ≥ 0.01 INCH : 13										
COOLING: 0 0 941 -105																						MAXIMUM TEMP ≤ 32 : 0											MINIMUM TEMP ≤ 0 : 0											PRECIPITATION ≥ 0.10 INCH : 9										
																						THUNDERSTORMS : 0											HEAVY FOG : 4											SNOWFALL ≥ 1.0 INCH : 0										

# HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

## WILMINGTON, DE

NOVEMBER 1997 ILG WBAN # 13781

DATE	FOR HOUR (LST) ENDING AT												DATE	FOR HOUR (LST) ENDING AT												DATE	Sum if Different (See Note 2)	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				0.06	0.07	0.01		0.01	0.06	0.12	0.19	0.15	01	0.16	0.04	0.02	0.01	T	T						01		0.90		
02					0.01			0.01	0.04	T	0.01	T	02	0.08	0.01										02		0.16		
03													03											T	03		T		
04		T	T										04												04		T		
05													05												05		0.00		
06													06					T	T	0.02	0.01	0.01	0.06	0.01	06	0.11	0.12		
07	0.03	T	T	T	0.01	T							07		T	0.01			T	T			0.02	07	0.08	0.07			
08	T	0.09	0.02	0.12	0.13	0.03	T	0.01	T				08	T	T	T			T	T			0.02	08		0.40			
09		0.07	0.10	0.01	T	T				T			09	T	T	T	0.01	0.01			T	T		09		0.20			
10													10											10		0.00			
11													11											11		0.00			
12													12											12		0.00			
13													13											13	0.00	0.12			
14													14											14	0.00	0.28			
15													15											15	0.00	0.01			
16													16											16		0.00			
17													17											17		0.00			
18													18											18		0.00			
19													19											19		0.00			
20													20											20		0.00			
21													21			T	0.04	0.12	0.06	0.14	0.12	0.13	0.01	21		0.62			
22	0.09	0.08	0.07	0.05	0.02	T							22											22		0.31			
23													23											23	0.00	T			
24													24											24	0.00	T			
25													25											25		0.00			
26													26				T			T				26		T			
27													27											27		0.00			
28										T	T	0.01	28	0.01	T		T							28		0.02			
29													29											29		0.00			
30													30											30		0.03			

### MAXIMUM SHORT DURATION PRECIPITATION (See Note 1)

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 1: NCDC derives these data from one-minute ASOS values. The table is not printed when inconsistent with ASOS hourly totals.

Note 2: 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

NOVEMBER 1997

ILG

WBAN # 13781

HOUR (LST)	SATELLITE		VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)		HOUR (LST)	SATELLITE		VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)	
	SKY COVER	CEILING 100'S OF FT			OBSERVATION TIME (LST)	EFF CLD AMT Oktas	DRY BULB		DEW POINT	WET BULB	SPEED (MPH)	DIRECTION TENS OF DEG		STATION	SEA LEVEL			SKY COVER	CEILING 100'S OF FT	OBSERVATION TIME (LST)		EFF CLD AMT Oktas	DRY BULB	DEW POINT	WET BULB
SUNRISE: 0631					NOV 01	SUNSET: 1701					SUNRISE: 0638					NOV 07	SUNSET: 1654								
01	OVC	006	6.00	BR	57	55	56	93	8	07	29.90	29.98	01	OVC	038	10.00	-RA	49	44	47	83	17	03	30.04	30.13
04	OVC	021	5.00	-RA BR	58	58	58	100	7	06	29.83	29.92	04	OVC	018	8.00	-RA	49	45	47	86	26	05	29.94	30.03
07	OVC	055	4.00	BR	59	59	59	100	10	05	29.74	29.83	07	OVC	011	10.00	-RA	48	45	47	89	25	05	29.91	30.00
10	OVC	020	4.00	RA BR	62	60	61	93	20	07	29.63	29.71	10	OVC	013	10.00	-RA	50	47	48	89	23	04	29.87	29.96
13	OVC	008	1.75	RA BR	61	60	60	97	16	06	29.41	29.49	13	OVC	021	10.00	-RA	53	45	49	74	20	05	29.81	29.90
16	OVC	004	2.00	BR	61	61	61	100	6	11	29.30	29.39	16	OVC	025	10.00	-RA	52	44	48	75	24	05	29.74	29.83
19	OVC	010	0.50	BR	62	61	61	96	12	20	29.30	29.39	19	OVC	029	10.00	-RA	51	44	48	77	30	05	29.72	29.81
22	FEW	NC	10.00		58	56	57	93	13	21	29.38	29.46	22	OVC	019	7.00	-RA	50	45	48	83	23	04	29.71	29.80
SUNRISE: 0632					NOV 02	SUNSET: 1659					SUNRISE: 0639					NOV 08	SUNSET: 1653								
01	FEW	NC	10.00		56	56	56	100	8	18	29.43	29.52	01	OVC	010	8.00	-RA	49	47	48	93	24	05	29.65	29.74
04	VV	015	0.50	FG	52	52	52	100	3	11	29.41	29.50	04	OVC	015	2.50	+RA BR	49	48	48	97	10	04	29.63	29.71
07	OVC	008	5.00	BR	57	56	56	96	8	15	29.43	29.52	07	OVC	009	6.00	-RA BR	48	47	47	96	16	02	29.62	29.71
10	OVC	009	2.00	BR	59	57	58	93	14	15	29.36	29.45	10	OVC	009	7.00	-RA BR	50	48	49	93	22	05	29.63	29.72
13	OVC	049	10.00	-RA	55	53	54	93	14	28	29.30	29.39	13	OVC	007	2.00	DZ BR	49	48	48	97	13	01	29.61	29.69
16	OVC	050	10.00		57	46	51	67	16	27	29.40	29.49	16	OVC	009	2.00	DZ BR	48	48	48	100	10	35	29.58	29.67
19	CLR	NC	10.00		50	38	44	63	18	28	29.55	29.64	19	OVC	009	10.00	DZ	47	46	46	97	10	35	29.57	29.66
22	CLR	NC	10.00		46	37	42	71	5	33	29.61	29.70	22	OVC	011	10.00	DZ	47	44	46	90	10	36	29.53	29.62
SUNRISE: 0633					NOV 03	SUNSET: 1658					SUNRISE: 0640					NOV 09	SUNSET: 1652								
01	CLR	NC	10.00		43	37	40	80	0	00	29.68	29.77	01	OVC	015	10.00	-RA	47	44	46	90	13	35	29.45	29.53
04	SCT	NC	9.00		40	38	39	93	0	00	29.71	29.80	04	OVC	015	10.00	-RA	47	45	46	93	15	36	29.39	29.47
07	CLR	NC	7.00		38	37	38	97	5	31	29.76	29.85	07	OVC	013	10.00	-RA	48	46	47	93	12	36	29.43	29.52
10	CLR	NC	10.00		54	46	50	75	5	19	29.82	29.91	10	OVC	011	3.00	BR	49	47	48	93	10	34	29.47	29.56
13	CLR	NC	10.00		64	38	51	38	17	16	29.79	29.87	13	OVC	016	10.00	DZ	51	49	50	92	10	32	29.46	29.55
16	FEW	NC	10.00		63	36	50	37	13	18	29.78	29.87	16	OVC	017	7.00	-RA	50	47	48	89	14	30	29.49	29.58
19	FEW	NC	10.00		56	38	47	51	6	20	29.84	29.93	19	OVC	040	10.00	-RA	48	43	46	83	15	30	29.55	29.64
22	CLR	NC	10.00		50	41	46	71	0	00	29.88	29.97	22	OVC	055	10.00	-RA	49	41	45	74	12	29	29.58	29.67
SUNRISE: 0634					NOV 04	SUNSET: 1657					SUNRISE: 0641					NOV 10	SUNSET: 1651								
01	OVC	110	10.00		46	45	46	96	3	VR	29.85	29.93	01	SCT	NC	10.00	-RA	46	38	42	73	7	26	29.62	29.71
04	OVC	100	10.00		50	48	49	93	0	00	29.81	29.90	04	CLR	NC	10.00	-RA	44	35	40	71	14	29	29.67	29.76
07	CLR	NC	10.00		49	47	48	93	3	19	29.84	29.93	07	CLR	NC	10.00	-RA	43	35	40	74	9	25	29.73	29.82
10	OVC	095	10.00		50	43	47	77	10	29	29.89	29.98	10	CLR	NC	10.00	-RA	49	36	43	61	17	31	29.76	29.85
13	SCT	NC	10.00		56	40	48	55	13	26	29.92	30.01	13	FEW	NC	10.00	-RA	51	35	44	54	16	28	29.76	29.85
16	CLR	NC	10.00		52	34	44	50	18	28	29.99	30.07	16	OVC	042	10.00	-RA	48	34	42	58	12	30	29.75	29.84
19	CLR	NC	10.00		42	35	39	76	8	28	30.10	30.19	19	OVC	046	10.00	-RA	45	35	41	68	7	30	29.81	29.89
22	CLR	NC	10.00		39	30	35	70	7	27	30.19	30.28	22	CLR	NC	10.00	-RA	44	34	40	68	6	27	29.83	29.92
SUNRISE: 0636					NOV 05	SUNSET: 1656					SUNRISE: 0642					NOV 11	SUNSET: 1650								
01	CLR	NC	10.00		36	28	33	73	7	25	30.25	30.34	01	OVC	090	9.00	-RA	45	36	41	71	9	28	29.82	29.91
04	CLR	NC	10.00		32	28	31	85	6	27	30.30	30.39	04	OVC	060	9.00	-RA	44	36	41	73	9	29	29.85	29.93
07	CLR	NC	10.00		34	29	32	82	3	30	30.34	30.43	07	BKN	060	8.00	-RA	43	36	40	76	9	30	29.87	29.96
10	CLR	NC	10.00		47	31	40	54	9	35	30.37	30.46	10	BKN	085	10.00	-RA	50	35	43	57	13	32	29.90	29.98
13	CLR	NC	10.00		52	32	43	47	7	VR	30.35	30.44	13	BKN	085	10.00	-RA	51	31	42	46	15	33	29.88	29.97
16	CLR	NC	10.00		51	31	42	46	5	19	30.35	30.44	16	OVC	090	10.00	-RA	50	28	41	43	12	28	29.87	29.96
19	CLR	NC	10.00		48	31	41	52	3	31	30.35	30.44	19	OVC	090	10.00	-RA	45	29	38	54	8	29	29.92	30.00
22	CLR	NC	10.00		41	31	37	67	3	01	30.35	30.44	22	OVC	085	10.00	-RA	44	30	38	58	5	27	29.92	30.01
SUNRISE: 0637					NOV 06	SUNSET: 1655					SUNRISE: 0644					NOV 12	SUNSET: 1649								
01	CLR	NC	10.00		35	32	34	89	5	33	30.33	30.42	01	OVC	080	10.00	-RA	43	30	38	60	0	00	29.91	30.00
04	BKN	028	8.00		35	34	35	96	6	36	30.30	30.39	04	OVC	080	10.00	-RA	39	32	36	76	6	26	29.92	30.00
07	BKN	030	7.00		38	36	37	93	8	02	30.29	30.37	07	BKN	075	10.00	-RA	39	32	36	76	5	24	29.92	30.01
10	OVC	030	10.00		50	42	46	74	14	04	30.28	30.37	10	OVC	110	10.00	-RA	45	27	38	49	12	28	29.92	30.01
13	OVC	024	10.00		54	44	49	69	18	03	30.23	30.32	13	OVC	055	10.00	-RA	45	26	37	48	14	26	29.88	29.97
16	OVC	028	10.00		54	44	49	69	17	06	30.18	30.27	16	CLR	NC	10.00	-RA	43	29	37	58	15	29	29.90	29.99
19	OVC	055	10.00	-RA	50	43	47	77	15	06	30.18	30.26	19	CLR	NC	10.00	-RA	38	21	32	51	12	29	29.98	30.07
22	OVC	050	5.00	RA BR	48	45	47	89	17	05	30.12	30.21	22	CLR	NC	10.00	-RA	36	21	31	55	10	32	30.02	30.11

# OBSERVATIONS AT 3-HOURLY INTERVALS

# WILMINGTON, DE

NOVEMBER 1997

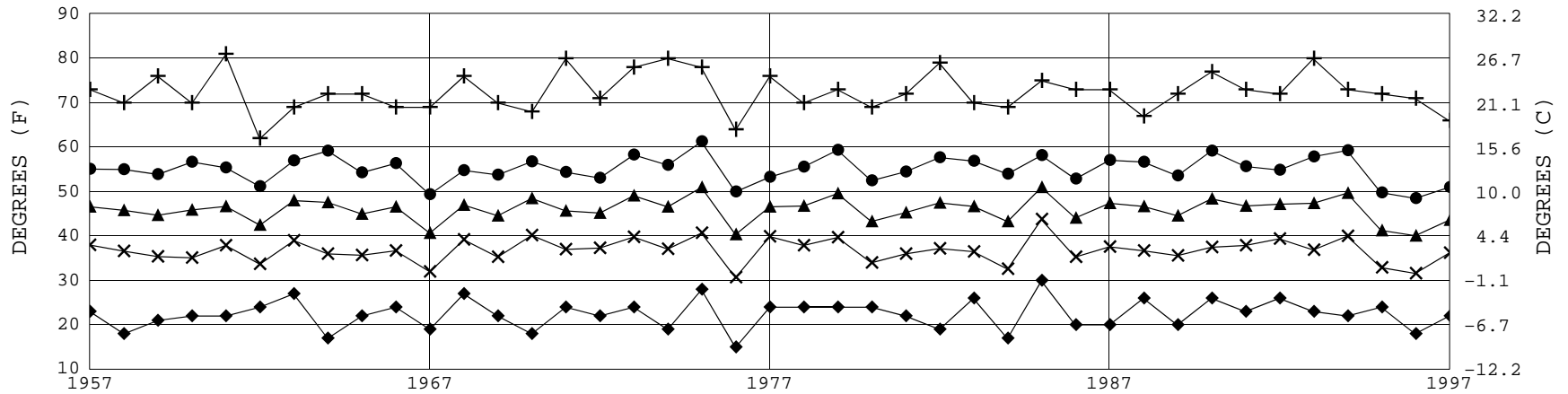
ILG

WBAN # 13781

HOUR (LST)	SATELLITE		WEATHER	TEMPERATURE °F				WIND		PRESSURE (INCHES, HG)		HOUR (LST)	SATELLITE		WEATHER	TEMPERATURE °F				WIND		PRESSURE (INCHES, HG)			
	SKY COVER	CEILING 100'S OF FT		OBSERVATION TIME (LST)	EFF CLD AMT Oktas	VISIBILITY (MILES)	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)		DIRECTION TENS OF DEG	STATION		SEA LEVEL	SKY COVER	CEILING 100'S OF FT	OBSERVATION TIME (LST)	EFF CLD AMT Oktas	VISIBILITY (MILES)	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)
<b>SUNRISE: 0645</b>				<b>NOV 13</b>				<b>SUNSET: 1649</b>				<b>SUNRISE: 0651</b>				<b>NOV 19</b>				<b>SUNSET: 1644</b>					
01	CLR	NC		10.00	31	21	28	67	9	32	30.03	30.12	01	CLR	NC		7.00	26	23	25	88	5	33	30.12	30.21
04	CLR	NC		10.00	31	21	28	67	6	01	30.03	30.12	04	CLR	NC		6.00	25	23	24	92	5	33	30.11	30.21
07	FEW	NC		10.00	34	21	29	59	13	03	30.06	30.15	07	CLR	NC		5.00	22	21	22	96	5	31	30.11	30.20
10	OVC	085		10.00	38	20	32	48	13	05	30.09	30.18	10	CLR	NC		3.00	37	33	35	86	0	00	30.09	30.18
13	OVC	060		10.00	41	20	33	43	13	05	30.01	30.10	13	CLR	NC		10.00	48	30	40	50	10	16	30.01	30.10
16	OVC	050		10.00	42	24	35	49	12	05	29.97	30.06	16	CLR	NC		10.00	48	25	39	41	8	22	29.96	30.05
19	OVC	050		10.00					13	07	29.91		19	CLR	NC		10.00	41	32	37	70	5	21	29.98	30.07
22	OVC	034		7.00					13	07	29.84		22	CLR	NC		10.00	37	27	33	67	5	25	29.95	30.04
<b>SUNRISE: 0646</b>				<b>NOV 14</b>				<b>SUNSET: 1648</b>				<b>SUNRISE: 0653</b>				<b>NOV 20</b>				<b>SUNSET: 1644</b>					
01	OVC	005		5.00	38	37	38	97	14	01	29.70	29.79	01	CLR	NC		10.00	35	30	33	82	6	24	29.93	30.02
04	OVC	010		5.00	38	37	38	97	12	08	29.57	29.66	04	CLR	NC		10.00	33	30	32	89	0	00	29.94	30.02
07	OVC	010		5.00	38	37	38	97			29.51		07	CLR	NC		10.00	34	27	31	76	6	23	29.97	30.06
10	OVC	009		8.00					17	07	29.47		10	CLR	NC		10.00	45	32	39	61	6	24	30.01	30.10
13	OVC	007		5.00					14	04	29.40		13	CLR	NC		10.00	54	32	44	43	12	24	29.99	30.07
16											29.44		16	CLR	NC		10.00	52	32	43	47	7	27	30.00	30.09
19											29.48		19	CLR	NC		10.00	46	31	40	56	5	21	30.06	30.15
22											29.54		22	CLR	NC		5.00	36	32	34	86	3	30	30.08	30.17
<b>SUNRISE: 0647</b>				<b>NOV 15</b>				<b>SUNSET: 1647</b>				<b>SUNRISE: 0654</b>				<b>NOV 21</b>				<b>SUNSET: 1643</b>					
01	CLR	NC		10.00	41	36	39	82	8	18	29.58		01	CLR	NC		7.00	32	30	31	92	3	36	30.08	30.17
04	BKN	010		10.00	44	32	39	63	5	23	29.63		04	SCT	NC		7.00	34	31	33	89	3	06	30.06	30.14
07	OVC	100		10.00	44	32	39	63	6	23	29.73		07	CLR	NC		6.00	34	32	33	92	3	02	30.06	30.15
10											29.81		10	FEW	NC		6.00	46	40	43	79	6	14	30.05	30.14
13	OVC	035		10.00					14	32	29.80		13	CLR	NC		10.00	58	33	47	39	20	19	29.96	30.05
16	BKN	035		10.00					12	34	29.81		16	SCT	NC		10.00	55	31	44	40	10	19	29.93	30.01
19	OVC	030		10.00					0	00	29.81		19	OVC	055		7.00	45	44	45	97	3	35	29.95	30.04
22													22	OVC	036		5.00	44	44	44	100	7	05	29.84	29.93
<b>SUNRISE: 0648</b>				<b>NOV 16</b>				<b>SUNSET: 1646</b>				<b>SUNRISE: 0655</b>				<b>NOV 22</b>				<b>SUNSET: 1642</b>					
01	OVC	060		10.00					6	05			01	OVC	003		3.00	45	45	45	100	10	06	29.74	29.83
04	OVC	050		10.00					6	09			04	OVC	003		7.00	46	46	46	100	0	00	29.68	29.77
07	SCT	NC		10.00					17	09			07	OVC	005		4.00	45	45	45	100	5	29	29.67	29.76
10													10	OVC	005		8.00	48	46	47	93	8	29	29.72	29.81
13	BKN	030		10.00					17	31	29.88		13	OVC	016		9.00	52	46	49	80	5	26	29.74	29.83
16													16	BKN	060		5.00	51	45	48	80	6	34	29.79	29.88
19													19	CLR	NC		6.00	47	44	46	90	0	00	29.85	29.94
22													22	OVC	004		4.00	45	45	45	100	9	05	29.90	29.98
<b>SUNRISE: 0649</b>				<b>NOV 17</b>				<b>SUNSET: 1645</b>				<b>SUNRISE: 0656</b>				<b>NOV 23</b>				<b>SUNSET: 1642</b>					
01	CLR	NC		10.00									01	OVC	004		5.00	44	43	44	96	8	05	29.91	30.00
04													04	OVC	004		4.00	44	43	44	96	3	05	29.94	30.03
07													07	OVC	002		2.00	43	43	43	100	6	03	29.95	30.03
10													10	OVC	006		5.00	45	42	44	90	0	00	29.97	30.05
13	CLR	NC		10.00					12	29	30.17		13					48	42	45	80			29.91	30.00
16	CLR	NC		10.00					12	31	30.17		16												
19	CLR	NC		10.00					0	00	30.22		19	SCT	NC		6.00	45	41	43	86	0	00	29.91	30.01
22													22	CLR	NC		4.00	41	38	40	89	6	25	29.90	30.01
<b>SUNRISE: 0650</b>				<b>NOV 18</b>				<b>SUNSET: 1645</b>				<b>SUNRISE: 0657</b>				<b>NOV 24</b>				<b>SUNSET: 1641</b>					
01	CLR	NC		10.00									01	FEW	NC		7.00	37	33	35	86	6	25		
04	CLR	NC		10.00									04	OVC	090		10.00	38	28	34	68	12	32		
07	CLR	NC		10.00									07	OVC	055		10.00	34	19	29	54	20	28		
10													10	CLR	NC		10.00	37	20	31	50	23	29	30.04	30.15
13	CLR	NC		10.00	42	17	33	36	0	00	30.25		13	BKN	047		10.00	39	19	32	45	22	29	30.03	30.12
16	CLR	NC		10.00	42	23	35	47	6	14	30.17		16	FEW	NC		10.00	38	16	31	41	16	29	30.09	30.19
19	CLR	NC		10.00	36	25	32	64	3	18	30.17		19	CLR	NC		10.00	34	17	28	50	15	28	30.16	30.25
22	CLR	NC		8.00	29	25	28	85	3	30	30.15		22	CLR	NC		10.00	32	19	28	59	13	29	30.21	30.30



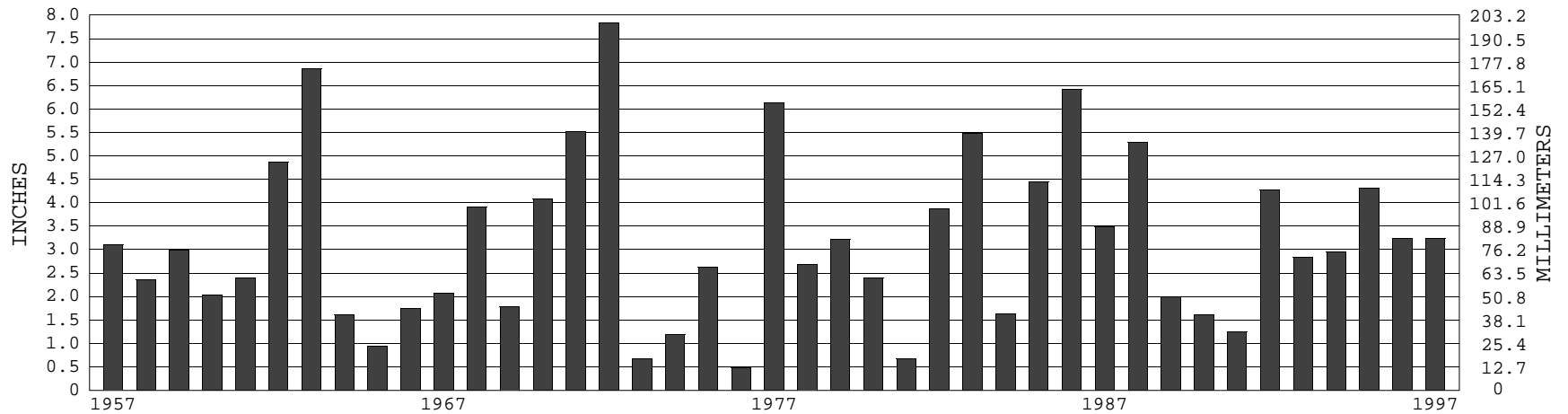
### WILMINGTON, DE NOVEMBER TEMPERATURES



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

Long-Term (1957-1997) Mean: 46.0      1961-1990 Normal: 46.3

### WILMINGTON, DE NOVEMBER PRECIPITATION



Long-Term (1957-1997) Mean Monthly Total: 3.19

1961-1990 Normal: 3.27



**NOVEMBER 1997  
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.*

ACTING DIRECTOR

## NOTICE

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

We welcome your questions or comments, please contact us at  
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