



APRIL 2005

LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

WILMINGTON, DE

NEW CASTLE COUNTY AIRPORT (ILG)
 Lat: 39° 40' N Long: 75° 36' W Elev (Ground): 92 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	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24												
01	62	44	53	5	44	48	12	0	RA	0		0.0	0.06	29.95	30.03	4.8	08	9.0	24	06	20	16	01												
02	58	44	51	3	50	50	14	0	TSRA RA BR VCTS	0		0.0	2.18	29.32	29.40	11.3	12	15.4	40*	13	33	14	02												
03	46	38	42*	-6	33	38	23	0	RA	0		0.0	0.30	29.34	29.42	17.9	25	19.5	39	27	33*	27	03												
04	63	39	51	2	23	40	14	0		0		0.0	0.00	29.73	29.82	15.3	28	15.9	38	28	31	29	04												
05	67	35	51	2	29	43	14	0		0		0.0	0.00			4.5	26	7.1	17	23	15	30	05												
06	75	46	61	12	46	53	4	0		0		0.0	0.00	30.00	30.09	5.4	15	6.0	14	16	12	16	06												
07	74	56	65	16	53	59	0	0	RA	0		0.0	0.08	29.81	29.90	13.4	20	13.6	35	21	29	19	07												
08	62	46	54	4	49	53	11	0	RA BR	0		0.0	0.27			5.1	05	8.3	21	03	18	03	08												
09	63	42	53	3	36	45	12	0		0		0.0	0.00			6.9	05	9.4	28	04	22	04	09												
10	74	36	55	5	36	47	10	0		0		0.0	0.00	29.96	30.05	4.8	30	5.3	15	28	14	28	10												
11	63	38	51	0	34	44	14	0		0		0.0	0.00	30.01	30.09	4.3	10	11.1	28	16	25	15	11												
12	54	37	46	-5	23	38	19	0		0		0.0	0.00	29.97	30.06	2.5	08	7.6	21	01	17	04	12												
13	60	37	49	-2	30	41	16	0		0		0.0	0.00	29.86	29.95	4.0	07	8.0	21	06	17	16	13												
14	66	35	51	-1	33	43	14	0		0		0.0	0.00	29.98	30.07	8.6	06	11.0	25	07	20	06	14												
15	56	40	48	-4	23	38	17	0		0		0.0	0.00	30.33	30.42	15.2	05	15.7	32	03	26	04	15												
16	60	35*	48	-4	22	38	17	0		0		0.0	0.00	30.41	30.50	6.8	04	10.0	25	03	22	04	16												
17	75	36	56	3	28	44	9	0		0		0.0	0.00	30.14	30.22	5.9	27	6.8	21	30	16	27	17												
18	77	41	59	6	39	51	6	0		0		0.0	0.00	30.01	30.10	2.9	30	6.1	18	29	15	14	18												
19	83	48	66	13	45	55	0	1		0		0.0	0.00	29.93	30.02	4.4	24	5.7	22	29	18	26	19												
20	84*	56	70*	16	49	59	0	5	RA	0		0.0	T	29.77	29.85	7.4	25	9.2	29	27	23	26	20												
21	72	48	60	6	42	51	5	0	RA	0		0.0	T	29.84	29.93	3.7	32	11.5	33	30	28	36	21												
22	52	43	48	-7	43	46	17	0	RA	0		0.0	T	29.82	29.90	7.7	09	8.6	22	09	18	09	22												
23	66	48	57	2	54	55	8	0	TSRA RA BR VCTS	0		0.0	1.18	29.36	29.44	5.6	15	9.8	24	15	21	15	23												
24	52	41	47	-9	34	41	18	0	RA	0		0.0	T	29.34	29.42	10.9	25	11.3	26	23	20	24	24												
25	58	40	49	-7	31	41	16	0		0		0.0	0.00	29.55	29.64	11.1	25	12.3	35	23	28	24	25												
26	70	40	55	-1	44	51	10	0	RA	0		0.0	0.01	29.77	29.86	11.7	14	11.9	35	14	28	14	26												
27	68	50	59	2	48	53	6	0	RA BR	0		0.0	0.16	29.64	29.73	2.2	25	7.0	22	30	17	29	27												
28	65	48	57	0	35	46	8	0	RA	0		0.0	T	29.84	29.92	14.0	29	15.0	36	27	30	29	28												
29	59	46	53	-4	40	47	12	0	RA	0		0.0	T	29.92	30.00	4.3	14	6.4	17	18	15	17	29												
30	61	52	57	-1	56	57	8	0	TSRA RA BR VCTS	0		0.0	0.88	29.74	29.82	4.3	14	7.4	20	16	16	15	30												
< MONTHLY AVERAGES										TOTALS-->						0.9		22		10.1		<-- MONTHLY AVERAGES													
2.2										0.7		1.4		<-----DEPARTURE FROM NORMAL----->										1.73		SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3									
DEGREE DAYS										GREATEST 24-HR PRECIPITATION: 2.24 DATE :01-02				SEA LEVEL PRESSURE				DATE TIME																	
MONTHLY TOTAL DEPARTURE										GREATEST 24-HR SNOWFALL: 0.0 DATE :				MAXIMUM				: 30.58 16 0851																	
SEASON TO DATE TOTAL DEPARTURE										GREATEST SNOW DEPTH: 0 DATE :				MINIMUM				: 29.09 02 2351																	
HEATING: 334 -42 4733 -8										NUMBER OF DAYS WITH =>				MAXIMUM TEMP ≥ 90: 0				MINIMUM TEMP ≤ 32: 0				PRECIPITATION ≥ 0.01 INCH : 9													
COOLING: 6 -3 6 -5														MAXIMUM TEMP ≤ 32 : 0				MINIMUM TEMP ≤ 0 : 0				PRECIPITATION ≥ 0.10 INCH : 6													
																						SNOWFALL ≥ 1.0 INCH : 0													

APRIL 2005
WILMINGTON, DE

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

WILMINGTON, DE

APRIL 2005 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		0.06	
02	0.17	0.06	0.15	0.05	0.04	0.28	0.04	0.14	0.01				02	0.02	0.17	0.06	0.42	0.19	0.22	0.02					02	T	2.18	
03	0.08	0.04	0.04	0.10	0.04	T							03			T			T						03	0.14	0.30	
04													04												04	T	0.00	
05													05												05		0.00	
06													06												06		0.00	
07													07						T	T	0.01	0.01	0.06	T	07		0.08	
08	0.01	0.08	0.02	0.09	0.06	0.01	T	T					08												08		0.27	
09													09												09		0.00	
10													10												10		0.00	
11													11												11		0.00	
12													12												12		0.00	
13													13												13		0.00	
14													14												14		0.00	
15													15												15		0.00	
16													16												16		0.00	
17													17												17		0.00	
18													18												18		0.00	
19													19												19		0.00	
20													20												20	T	T	
21	T												21		T										21	T	T	
22													22	T											22		T	
23					0.05	0.01							23		T	0.01	0.56	0.01		0.02	0.30	0.22			23		1.18	
24													24		T	T									24		T	
25													25			T									25		0.00	
26													26												26		0.01	
27	0.02	0.01	0.09	T	T								27			T	0.04	T							27	T	0.16	
28													28						T						28		T	
29													29	T											29		T	
30			0.01	0.03	0.02	0.04	0.07	0.09	0.05	0.04	0.01	T	30	T	0.01		0.03	0.02	0.06	0.01	T	T	0.22	0.14	0.03	30		0.88

MAXIMUM SHORT DURATION PRECIPITATION (See Note)

Time Period (Minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation (Inches)	.23	.30	.31	.48	.54	.57	.57	.57	.58	.64	.78	.84
Ending Date	23	23	23	23	23	23	23	23	23	02	02	02
Ending Time (Hour/Min)	1527	1527	1532	1541	1542	1552	1552	1552	1552	1708	1738	1753

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.

REFERENCE NOTES & SUPPLEMENTAL SUMMARIES

* = Extreme for the month (last occurrence if more than one)

T = Trace precipitation amount

+ = also occurs on earlier date

FG+ = Heavy fog, visibility .25 miles or less

BLANK entries denote missing or unreported data

Resultant wind is the vector sum of the wind speeds and directions divided by the number of observations.

Wind direction is recorded in tens of degrees (2 digits) clockwise from true north. '00' = calm, 'VR' = variable.

Precipitation is for the 24-hour period ending at the time indicated in the column heading.

Water Equivalent of snow on the ground is reported only when the depth is 2 or more inches.

NORMALS ARE FOR THE YEARS 1971–2000

WEATHER NOTATIONS

QUALIFIER	WEATHER PHENOMENA		
	PRECIPITATION	OBSCURATION	OTHER
BC Patches	DZ Drizzle	BR Mist	DS Duststorm
BL Blowing	GR Hail	DU Widespread Dust	FC Funnel Cloud
DR Low Drifting	GS Small Hail and/or Snow Pellets	FG Fog	+FC Tornado Waterspout
FZ Freezing	IC Ice Crystals	FU Smoke	PO Well-Developed Dust/Sand Whirls
MI Shallow	PL Ice Pellets	HZ Haze	SQ Squalls
PR Partial	RA Rain	PY Spray	SS Sandstorm
SH Shower(s)	SG Snow Grains	SA Sand	GL Glaze
TS Thunderstorm	SN Snow	VA Volcanic Ash	
VC In the Vicinity	UP Unknown Precipitation		

Intensity (as indicated on pages 4 to 6):
'+' = Heavy ' ' = Moderate '- ' = Light

WILMINGTON, DE APRIL 2005

Ceilometer (30-second) data are used to derive cloudiness at or below 12,000 feet. This cloudiness is the mean cloud cover detected during sunrise to sunset (SR–SS), or midnight to midnight (MN–MN).

Satellite data are used to derive cloudiness above 12,000 feet. Effective Cloud Amount is based on the cloud cover and the transparency of the clouds within the satellite field of view (approx. 31x31 miles).

Sky Condition is based on the sum (not to exceed 8) of the sunrise to sunset cloud cover below and above 12,000 feet. Both ceilometer and satellite data must be present to compute Sky Condition. Clear = 0–2 oktas, Partly Cloudy = 3–6 oktas, Cloudy = 7–8 oktas.

A Heating (Cooling) Degree Day is the difference between the average daily temperature and 65 degrees F. The HDD season begins July 1, the CDD season begins January 1.

Dew Point is the temperature to which the air must be cooled to achieve 100% relative humidity. Wet Bulb is the temperature the air would have if cooled to saturation at constant pressure by evaporation of water into it.

Snow Depth, Snowfall, and Sunshine data may come from nearby sites that the National Weather Service deems Climatologically representative of this site.

ADDITIONAL NOTES:

DATE	SUNSHINE		CLOUDINESS (OKTAS)				VISIBILITY (MILES)		RESERVED
	TOTAL MINUTES	PERCENT POSSIBLE	SR–SS		MN–MN		MINIMUM	MAXIMUM	
			CEILOMETER	SATELLITE	CEILOMETER	SATELLITE			
01							8.00	10.00	
02							1.75	10.00	
03							10.00	10.00	
04							10.00	10.00	
05							10.00	10.00	
06							10.00	10.00	
07							7.00	10.00	
08							2.00	10.00	
09							10.00	10.00	
10							10.00	10.00	
11							10.00	10.00	
12							10.00	10.00	
13							10.00	10.00	
14							10.00	10.00	
15							10.00	10.00	
16							10.00	10.00	
17							10.00	10.00	
18							10.00	10.00	
19							10.00	10.00	
20							10.00	10.00	
21							10.00	10.00	
22							10.00	10.00	
23							1.50	10.00	
24							10.00	10.00	
25							10.00	10.00	
26							10.00	10.00	
27							4.00	10.00	
28							10.00	10.00	
29							10.00	10.00	
30							1.00	10.00	
MONTHLY AVGS							8.57	10.00	
SUNSHINE (MINUTES)									
Total: Possible: Percent Possible:									
NUMBER OF DAYS WITH:									
SKY CONDITION									
CLR PTLY CLDY CLOUDY MISSING									
30									
MINIMUM VISIBILITY (MILES)									
<=0.25 <=3.0 >=7.0									
0 4 25									

OBSERVATIONS AT 3-HOURLY INTERVALS

WILMINGTON, DE

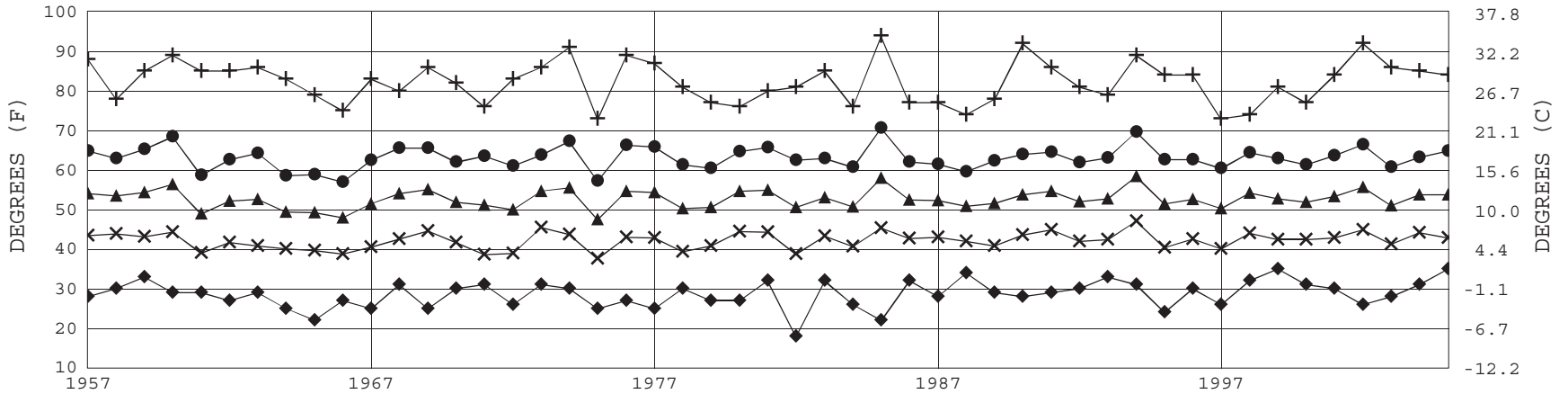
APRIL 2005

ILG

WBAN # 13781

HOUR (LST)	SATELLITE		WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)		HOUR (LST)	SATELLITE		WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	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	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	SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL																																																																																																																																																																																																																																																																																																																																														
SUNRISE: 0511				APR 25				SUNSET: 1851				SUNRISE: APR 31				SUNSET:																																																																																																																																																																																																																																																																																																																																																											
01	OVC	085		10.00	42	30	37	62	8	24	29.42	29.50																																																																																																																																																																																																																																																																																																																																																															
04	OVC	085		10.00	41	28	36	60	13	24	29.44	29.53																																																																																																																																																																																																																																																																																																																																																															
07	BKN	095		10.00	44	31	39	60	12	23	29.46	29.55																																																																																																																																																																																																																																																																																																																																																															
10	BKN	040		10.00	49	33	42	55	20	25	29.50	29.58																																																																																																																																																																																																																																																																																																																																																															
13	FEW	NC		10.00	55	32	45	42	16	28	29.52	29.61																																																																																																																																																																																																																																																																																																																																																															
16	BKN	100		10.00	57	29	45	34	18	25	29.57	29.66																																																																																																																																																																																																																																																																																																																																																															
19	CLR	NC		10.00	54	29	43	38	0	00	29.65	29.74																																																																																																																																																																																																																																																																																																																																																															
22	CLR	NC		10.00	49	33	42	55	3	17	29.72	29.81																																																																																																																																																																																																																																																																																																																																																															
SUNRISE: 0509				APR 26				SUNSET: 1852				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, VV = 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.																																																																																																																																																																																																																																																																																																																																																															
01	CLR	NC		10.00	49	39	44	69	5	18	29.77													29.85																																																																																																																																																																																																																																																																																																																																																			
04	CLR	NC		10.00	49	46	47	90	7	16	29.78													29.87																																																																																																																																																																																																																																																																																																																																																			
07	CLR	NC		10.00	51	45	48	80	8	12	29.80													29.89																																																																																																																																																																																																																																																																																																																																																			
10	CLR	NC		10.00	60	44	52	56	9	13	29.83													29.92																																																																																																																																																																																																																																																																																																																																																			
13	FEW	NC		10.00	69	39	54	33	21	15	29.79													29.88																																																																																																																																																																																																																																																																																																																																																			
16	CLR	NC		10.00	67	41	54	39	21	14	29.73													29.81																																																																																																																																																																																																																																																																																																																																																			
19	CLR	NC		10.00	58	47	52	67	16	15	29.73													29.82																																																																																																																																																																																																																																																																																																																																																			
22	OVC	095		10.00	57	49	53	75	15	15	29.74													29.83																																																																																																																																																																																																																																																																																																																																																			
SUNRISE: 0508				APR 27				SUNSET: 1853																SUMMARY BY HOUR <table border="1"> <thead> <tr> <th rowspan="3">HOUR (LST)</th> <th colspan="11">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>49</td><td>39</td><td>44</td><td>71</td><td>29.84</td><td>29.92</td><td>9.83</td><td>7</td><td>2</td><td>29</td></tr> <tr><td>02</td><td></td><td></td><td>47</td><td>39</td><td>44</td><td>74</td><td>29.83</td><td>29.92</td><td>9.77</td><td>8</td><td>2</td><td>28</td></tr> <tr><td>03</td><td></td><td></td><td>47</td><td>39</td><td>43</td><td>76</td><td>29.83</td><td>29.91</td><td>9.77</td><td>7</td><td>2</td><td>30</td></tr> <tr><td>04</td><td></td><td></td><td>46</td><td>39</td><td>43</td><td>77</td><td>29.83</td><td>29.91</td><td>9.73</td><td>8</td><td>2</td><td>31</td></tr> <tr><td>05</td><td></td><td></td><td>46</td><td>38</td><td>43</td><td>76</td><td>29.83</td><td>29.92</td><td>9.40</td><td>8</td><td>2</td><td>34</td></tr> <tr><td>06</td><td></td><td></td><td>46</td><td>38</td><td>43</td><td>74</td><td>29.84</td><td>29.93</td><td>9.20</td><td>7</td><td>2</td><td>35</td></tr> <tr><td>07</td><td></td><td></td><td>49</td><td>38</td><td>44</td><td>69</td><td>29.87</td><td>29.95</td><td>8.87</td><td>9</td><td>3</td><td>35</td></tr> <tr><td>08</td><td></td><td></td><td>52</td><td>38</td><td>46</td><td>62</td><td>29.87</td><td>29.96</td><td>9.17</td><td>11</td><td>3</td><td>36</td></tr> <tr><td>09</td><td></td><td></td><td>55</td><td>38</td><td>47</td><td>55</td><td>29.87</td><td>29.96</td><td>9.30</td><td>12</td><td>2</td><td>36</td></tr> <tr><td>10</td><td></td><td></td><td>58</td><td>37</td><td>48</td><td>51</td><td>29.87</td><td>29.96</td><td>9.52</td><td>13</td><td>1</td><td>1</td></tr> <tr><td>11</td><td></td><td></td><td>60</td><td>37</td><td>49</td><td>47</td><td>29.86</td><td>29.95</td><td>9.52</td><td>11</td><td>1</td><td>13</td></tr> <tr><td>12</td><td></td><td></td><td>61</td><td>37</td><td>50</td><td>44</td><td>29.85</td><td>29.93</td><td>9.52</td><td>11</td><td>1</td><td>21</td></tr> <tr><td>13</td><td></td><td></td><td>62</td><td>37</td><td>50</td><td>44</td><td>29.83</td><td>29.92</td><td>9.50</td><td>12</td><td>2</td><td>19</td></tr> <tr><td>14</td><td></td><td></td><td>63</td><td>37</td><td>50</td><td>43</td><td>29.82</td><td>29.90</td><td>9.50</td><td>13</td><td>2</td><td>18</td></tr> <tr><td>15</td><td></td><td></td><td>63</td><td>37</td><td>51</td><td>43</td><td>29.81</td><td>29.89</td><td>9.50</td><td>13</td><td>4</td><td>20</td></tr> <tr><td>16</td><td></td><td></td><td>63</td><td>37</td><td>50</td><td>43</td><td>29.80</td><td>29.89</td><td>9.25</td><td>13</td><td>3</td><td>20</td></tr> <tr><td>17</td><td></td><td></td><td>62</td><td>37</td><td>50</td><td>45</td><td>29.80</td><td>29.89</td><td>9.47</td><td>13</td><td>4</td><td>21</td></tr> <tr><td>18</td><td></td><td></td><td>60</td><td>38</td><td>49</td><td>49</td><td>29.80</td><td>29.89</td><td>9.47</td><td>11</td><td>3</td><td>19</td></tr> <tr><td>19</td><td></td><td></td><td>57</td><td>39</td><td>49</td><td>56</td><td>29.81</td><td>29.90</td><td>9.58</td><td>10</td><td>5</td><td>18</td></tr> <tr><td>20</td><td></td><td></td><td>55</td><td>40</td><td>48</td><td>61</td><td>29.83</td><td>29.92</td><td>9.73</td><td>10</td><td>5</td><td>17</td></tr> <tr><td>21</td><td></td><td></td><td>53</td><td>41</td><td>47</td><td>65</td><td>29.83</td><td>29.92</td><td>9.73</td><td>8</td><td>3</td><td>18</td></tr> <tr><td>22</td><td></td><td></td><td>52</td><td>41</td><td>47</td><td>68</td><td>29.83</td><td>29.92</td><td>9.48</td><td>8</td><td>2</td><td>21</td></tr> <tr><td>23</td><td></td><td></td><td>51</td><td>40</td><td>46</td><td>69</td><td>29.83</td><td>29.92</td><td>9.67</td><td>8</td><td>2</td><td>24</td></tr> <tr><td>24</td><td></td><td></td><td>50</td><td>40</td><td>45</td><td>71</td><td>29.83</td><td>29.92</td><td>9.63</td><td>7</td><td>2</td><td>27</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			49	39	44	71	29.84	29.92	9.83	7	2	29	02			47	39	44	74	29.83	29.92	9.77	8	2	28	03			47	39	43	76	29.83	29.91	9.77	7	2	30	04			46	39	43	77	29.83	29.91	9.73	8	2	31	05			46	38	43	76	29.83	29.92	9.40	8	2	34	06			46	38	43	74	29.84	29.93	9.20	7	2	35	07			49	38	44	69	29.87	29.95	8.87	9	3	35	08			52	38	46	62	29.87	29.96	9.17	11	3	36	09			55	38	47	55	29.87	29.96	9.30	12	2	36	10			58	37	48	51	29.87	29.96	9.52	13	1	1	11			60	37	49	47	29.86	29.95	9.52	11	1	13	12			61	37	50	44	29.85	29.93	9.52	11	1	21	13			62	37	50	44	29.83	29.92	9.50	12	2	19	14			63	37	50	43	29.82	29.90	9.50	13	2	18	15			63	37	51	43	29.81	29.89	9.50	13	4	20	16			63	37	50	43	29.80	29.89	9.25	13	3	20	17			62	37	50	45	29.80	29.89	9.47	13	4	21	18			60	38	49	49	29.80	29.89	9.47	11	3	19	19			57	39	49	56	29.81	29.90	9.58	10	5	18	20			55	40	48	61	29.83	29.92	9.73	10	5	17	21			53	41	47	65	29.83	29.92	9.73	8	3	18	22			52	41	47	68	29.83	29.92	9.48	8	2	21	23			51	40	46	69	29.83	29.92	9.67	8	2	24	24
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			49	39	44	71	29.84	29.92	9.83	7	2	29																																																																																																																																																																																																																																																																																																																																																															
02			47	39	44	74	29.83	29.92	9.77	8	2	28																																																																																																																																																																																																																																																																																																																																																															
03			47	39	43	76	29.83	29.91	9.77	7	2	30																																																																																																																																																																																																																																																																																																																																																															
04			46	39	43	77	29.83	29.91	9.73	8	2	31																																																																																																																																																																																																																																																																																																																																																															
05			46	38	43	76	29.83	29.92	9.40	8	2	34																																																																																																																																																																																																																																																																																																																																																															
06			46	38	43	74	29.84	29.93	9.20	7	2	35																																																																																																																																																																																																																																																																																																																																																															
07			49	38	44	69	29.87	29.95	8.87	9	3	35																																																																																																																																																																																																																																																																																																																																																															
08			52	38	46	62	29.87	29.96	9.17	11	3	36																																																																																																																																																																																																																																																																																																																																																															
09			55	38	47	55	29.87	29.96	9.30	12	2	36																																																																																																																																																																																																																																																																																																																																																															
10			58	37	48	51	29.87	29.96	9.52	13	1	1																																																																																																																																																																																																																																																																																																																																																															
11			60	37	49	47	29.86	29.95	9.52	11	1	13																																																																																																																																																																																																																																																																																																																																																															
12			61	37	50	44	29.85	29.93	9.52	11	1	21																																																																																																																																																																																																																																																																																																																																																															
13			62	37	50	44	29.83	29.92	9.50	12	2	19																																																																																																																																																																																																																																																																																																																																																															
14			63	37	50	43	29.82	29.90	9.50	13	2	18																																																																																																																																																																																																																																																																																																																																																															
15			63	37	51	43	29.81	29.89	9.50	13	4	20																																																																																																																																																																																																																																																																																																																																																															
16			63	37	50	43	29.80	29.89	9.25	13	3	20																																																																																																																																																																																																																																																																																																																																																															
17			62	37	50	45	29.80	29.89	9.47	13	4	21																																																																																																																																																																																																																																																																																																																																																															
18			60	38	49	49	29.80	29.89	9.47	11	3	19																																																																																																																																																																																																																																																																																																																																																															
19			57	39	49	56	29.81	29.90	9.58	10	5	18																																																																																																																																																																																																																																																																																																																																																															
20			55	40	48	61	29.83	29.92	9.73	10	5	17																																																																																																																																																																																																																																																																																																																																																															
21			53	41	47	65	29.83	29.92	9.73	8	3	18																																																																																																																																																																																																																																																																																																																																																															
22			52	41	47	68	29.83	29.92	9.48	8	2	21																																																																																																																																																																																																																																																																																																																																																															
23			51	40	46	69	29.83	29.92	9.67	8	2	24																																																																																																																																																																																																																																																																																																																																																															
24			50	40	45	71	29.83	29.92	9.63	7	2	27																																																																																																																																																																																																																																																																																																																																																															
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07	OVC	003		5.00	55	54	54	96	5	12	29.64	29.72																																																																																																																																																																																																																																																																																																																																																															
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16	OVC	060		10.00	64	50	56	61	3	10	29.58	29.67																																																																																																																																																																																																																																																																																																																																																															
19	CLR	NC		10.00	61	38	50	43	12	30	29.63	29.72																																																																																																																																																																																																																																																																																																																																																															
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SUNRISE: 0507				APR 28				SUNSET: 1854				SUMMARY BY HOUR (Continued)																																																																																																																																																																																																																																																																																																																																																															
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07	CLR	NC		10.00	52	37	45	57	15	28	29.86													29.95																																																																																																																																																																																																																																																																																																																																																			
10	CLR	NC		10.00	59	33	47	38	18	28	29.84													29.93																																																																																																																																																																																																																																																																																																																																																			
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16	FEW	NC		10.00	63	32	49	31	24	28	29.81													29.89																																																																																																																																																																																																																																																																																																																																																			
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01	OVC	100		10.00	50	34	43	54	5	25	29.91	30.00																																																																																																																																																																																																																																																																																																																																																															
04	OVC	095		10.00	47	39	43	74	3	33	29.93	30.02																																																																																																																																																																																																																																																																																																																																																															
07	BKN	047		10.00	50	41	46	71	3	01	29.95	30.04																																																																																																																																																																																																																																																																																																																																																															
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13	OVC	070		10.00	56	38	47	51	7	16	29.92	30.01																																																																																																																																																																																																																																																																																																																																																															
16	CLR	NC		10.00	58	38	48	48	10	16	29.88	29.96																																																																																																																																																																																																																																																																																																																																																															
19	OVC	042		10.00	55	43	49	64	7	16	29.89	29.98																																																																																																																																																																																																																																																																																																																																																															
22	OVC	040		10.00	55	47	51	74	9	15	29.90	29.99																																																																																																																																																																																																																																																																																																																																																															
SUNRISE: 0504				APR 30				SUNSET: 1856				SUMMARY BY HOUR (Continued)																																																																																																																																																																																																																																																																																																																																																															
01	OVC	025		10.00	54	47	50	77	5	09	29.87													29.96																																																																																																																																																																																																																																																																																																																																																			
04	OVC	007		8.00	52	50	51	93	8	09	29.84													29.93																																																																																																																																																																																																																																																																																																																																																			
07	OVC	003		1.00	54	53	53	97	7	13	29.84													29.92																																																																																																																																																																																																																																																																																																																																																			
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16	OVC	029		2.50	60	60	60	100	6	17	29.64													29.72																																																																																																																																																																																																																																																																																																																																																			
19	OVC	055		1.50	61	61	61	100	0	00	29.62													29.71																																																																																																																																																																																																																																																																																																																																																			
22	OVC	023		2.00	61	61	61	100	5	29	29.65													29.74																																																																																																																																																																																																																																																																																																																																																			

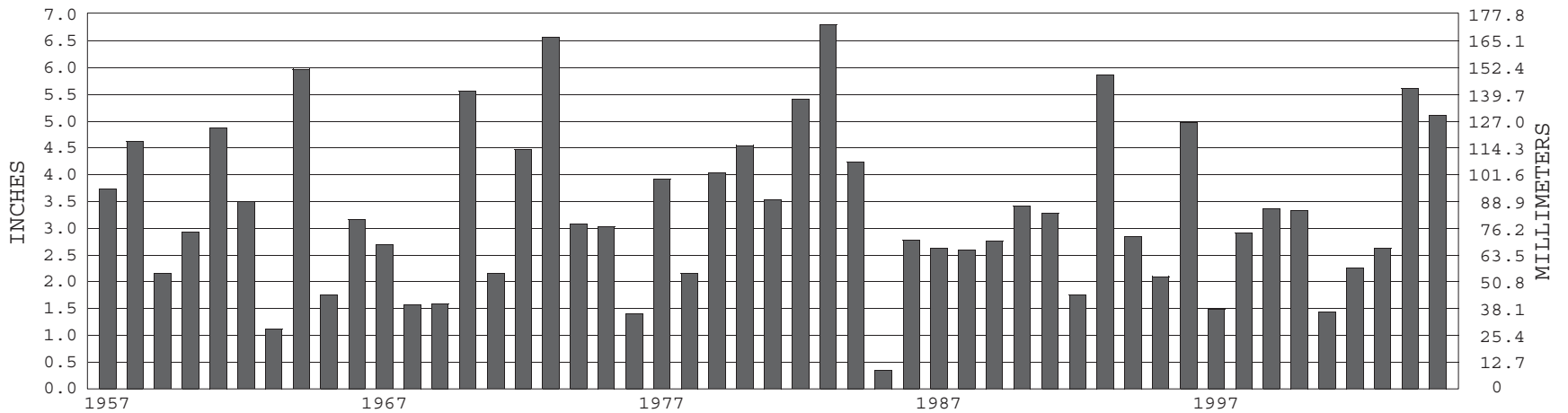
WILMINGTON, DE APRIL TEMPERATURES



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

Long-Term (1957-2005) Mean: 52.7 1971-2000 Normal: 52.4

WILMINGTON, DE APRIL PRECIPITATION



Long-Term (1957-2005) Mean Monthly Total: 3.35

1971-2000 Normal: 3.39



APRIL 2005

WILMINGTON, DE

LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

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