



SEPTEMBER 2010 LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

WILMINGTON, DE
NEW CASTLE COUNTY AIRPORT (KILG)
Lat:39° 40'N Long: 75° 36'W Elev (Ground) 75 Feet
Time Zone : EASTERN WBAN: 13781 ISSN#: 0198-117X



Date 1	Temperature °F						Deg Days BASE 65°		WEATHER 10	SNOW/ICE ON GND(IN)		PRECIPITATION ON GND(IN)		PRESSURE (INCHES OF HG)		WIND SPEED = MPH DIR = TENS OF DEGREES								Date 24
	MAXIMUM 2	MINIMUM 3	AVERAGE 4	DEP FROM NORMAL 5	AVERAGE DEW PT 6	AVERAGE WET BULB 7	HEATING 8	COOLING 9		0700 LST 11	1300 LST 12	2400 LST 13	2400 LST 14	AVERAGE STATION 15	AVERAGE SEA LEVEL 16	RESULTANT SPEED 17	RES DIR 18	AVERAGE SPEED 19	MAXIMUM					
																			3-SEC		2-MIN			
01	96*	68	82	10	65	71	0	17	HZ	0		0.0	0.00	29.96	30.04	4.5	20	7.1	24	28	17	16	01	
02	94	72	83*	11	67	72	0	18	BR HZ	0		0.0	0.00	29.91	29.98	6.9	18	7.7	23	19	17	19	02	
03	91	72	82	10	65	70	0	17		0		0.0	0.00	29.64	29.69	5.7	34	7.4	21	36	17	33	03	
04	82	59	71	-1	48	59	0	6		0		0.0	0.00	29.64	29.75	11.5	27	12.5	33	26	24	29	04	
05	78	53	66	-5	44	55	0	1		0		0.0	0.00	29.90	30.01	4.6	29	5.5	21	28	16	30	05	
06	81	53	67	-4	54	60	0	2		0		0.0	0.00	30.09	30.19	6.6	16	7.7	22	16	18	16	06	
07	90	61	76	5	61	67	0	11		0		0.0	0.00	30.04	30.11	8.0	21	8.3	24	20	18	20	07	
08	92	64	78	8	52	64	0	13	RA	0		0.0	T	29.75	29.83	10.5	28	14.0	36	27	26	28	08	
09	77	56	67	-3	46	56	0	2		0		0.0	0.00	29.78	29.87	12.1	30	12.5	35	28	26	31	09	
10	75	58	67	-2	48	57	0	2		0		0.0	0.00	29.83	29.92	9.6	32	10.1	28	32	18	34	10	
11	79	52	66	-3	48	57	0	1		0		0.0	0.00	29.91	30.00	1.6	20	5.9	20	16	16	16	11	
12	67	60	64	-5	59	61	1	0	RA BR	0		0.0	0.32	29.93	30.02	2.0	07	2.8		10	13	12		
13	79	57	68	-1	58	62	0	3	BR	0		0.0	0.00	29.88	29.96	3.2	25	4.6	20	24	16	24	13	
14	81	57	69	0	50	58	0	4	BR	0		0.0	0.00	29.85	29.94	7.2	31	7.3	29	30	23	31	14	
15	80	55	68	-1	46	56	0	3		0		0.0	0.00	30.00	30.10	6.0	33	7.5	25	32	21	32	15	
16	85	60	73	5	59	63	0	8	TS TSRA RA BR VCTS	0		0.0	0.41	29.91	29.96	2.6	12	9.0	39	26	29	25	16	
17	80	58	69	2	57	62	0	4	RA BR	0		0.0	0.01	29.85	29.98	7.8	32	10.5	25	33	20	33	17	
18	77	52	65	-2	51	57	0	0		0		0.0	0.00	30.10	30.19	1.5	35	4.4	14	03	12	01	18	
19	83	54	69	2	57	62	0	4		0		0.0	0.00	30.03	30.09	1.5	23	3.5	18	15	10	26	19	
20	78	55	67	0	45	55	0	2		0		0.0	0.00	29.93	30.04	9.6	35	10.0	25	31	20	35	20	
21	75	46*	61*	-5	49	55	4	0		0		0.0	0.00	30.09	30.18	2.9	17	6.6	22	16	17	16	21	
22	89	60	75	9	63	67	0	10	RA BR VCTS	0		0.0	0.38	29.98	30.06	6.1	22	6.9	41	19	32	30	22	
23	83	64	74	9	65	68	0	9	BR HZ	0		0.0	0.00	30.06	30.16	3.0	14	5.8	20	18	15	17	23	
24	92	69	81	16	67	71	0	16	BR HZ	0		0.0	0.00	29.97	30.02	5.5	19	6.5	18	19	14	19	24	
25	89	67	78	14	59	66	0	13		0		0.0	0.00	29.78	29.86	7.5	26	9.2	26	28	22	28	25	
26	69	62	66	2	54	59	0	1	RA BR	0		0.0	0.23	29.91	30.01	8.8	02	9.5	25	03	20	02	26	
27	77	66	72	9	68	69	0	7	RA BR	0		0.0	0.19	29.83	29.91	9.4	11	12.2	26	17	20	17	27	
28	81	64	73	10	66	68	0	8	RA BR	0		0.0	0.09	29.64	29.72	10.2	18	12.8	36	15	30	15	28	
29	72	57	65	2	56	60	0	0	RA	0		0.0	T	29.85	29.94	0.2	07	2.6	16	34	8	09	29	
30	77	68	73	11	70	71	0	8	TSRA RA BR	0		0.0	4.32	29.63	29.69	12.2	15	15.9	43*	15	32*	15	30	

81.6	60.0	70.8	☼	56.6	62.6	0.2	6.3	< MONTHLY AVERAGES TOTALS >				0.0	5.95	29.89	29.97	1.9	26	8.2	< MONTHLY AVERAGES			
4.4	1.9	3.1		-----DEPARTURE FROM NORMAL ----->				1.94	SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3													
DEGREE DAYS				GREATEST 24-HR PRECIPITATION : 4.32 DATE : 30				SEA LEVEL PRESSURE				DATE TIME										
MONTHLY				GREATEST 24-HR SNOWFALL : 0.0 DATE :				MAXIMUM : 30.26				21 0950										
TOTAL DEPARTURE				GREATEST SNOW DEPTH : 0 DATE :				MINIMUM : 29.55				30 2359										
HEATING : 5 -44				NUMBER OF -> DAYS WITH				MAXIMUM TEMP >= 90 : 6		MINIMUM TEMP <= 32 : 0		PRECIPITATION >= 0.01 INCH: 8										
COOLING : 190 55				5 424		MAXIMUM TEMP <= 32 : 0		MINIMUM TEMP <= 0 : 0		PRECIPITATION >= 0.10 INCH: 6												
						THUNDERSTORMS : 2		HEAVY FOG : 0		SNOWFALL >= 1.0 INCH : 0												

SEPTEMBER 2010
 WILMINGTON, DE

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

WILMINGTON, DE (KILG)
SEPTEMBER 2010

WBAN # 13781

Date	FOR HOUR (LST) ENDING AT												Date	FOR HOUR (LST) ENDING AT												Date	Sum of Hourly Data	2400 LST Water Equiv.
	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													01												01	0.00	0.00	
02													02												02	0.00	0.00	
03													03												03	0.00	0.00	
04													04												04	0.00	0.00	
05													05												05	0.00	0.00	
06													06												06	0.00	0.00	
07													07												07	0.00	0.00	
08													08												08	T	T	
09													09												09	0.00	0.00	
10													10												10	0.00	0.00	
11													11												11	0.00	0.00	
12													12												12	0.32	0.32	
13													13												13	0.00	0.00	
14													14												14	0.00	0.00	
15													15												15	0.00	0.00	
16													16												16	0.41	0.41	
17													17												17	0.01	0.01	
18													18												18	0.00	0.00	
19													19												19	0.00	0.00	
20													20												20	0.00	0.00	
21													21												21	0.00	0.00	
22													22												22	0.38	0.38	
23													23												23	0.00	0.00	
24													24												24	0.00	0.00	
25													25												25	0.00	0.00	
26													26												26	0.23	0.23	
27													27												27	0.19	0.19	
28													28												28	0.09	0.09	
29													29												29	T	T	
30													30												30	4.32	4.32	

* Indicates sum of Hourly and Daily disagree.

MAXIMUM SHORT DURATION PRECIPITATION (See Note)

Time Period (Minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation (Inches)	0.28	0.40	0.44	0.54	0.68	0.85	1.13	1.24	1.32	1.44	1.47	1.55
Ending Date	30	30	30	30	30	30	30	30	30	30	30	30
Ending Time (Hr/Min)	1905	1907	1907	1907	0345	2345	2354	2359	2352	2359	2359	2359

Note : The hourly and daily precipitation totals are printed in the last 2 columns and hi-lighted in red when they disagree. NWS does not edit ASOS hourly values but may edit daily and monthly totals. Hourly, daily, and monthly totals are printed as reported by the ASOS site.

Date and time are not entered for TRACE amounts.

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		
DESCRIPTOR	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	
PR Partial	RA Rain	PY Spray	SQ Squalls
SH Shower(s)	SG Snow Grains	SA Sand	SS Sandstorm
TS Thunderstorm	SN Snow	VA Volcanic Ash	GL Glaze
VC In the Vicinity	UP Unkown Precipitation		

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

WILMINGTON, DE SEPTEMBER 2010

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:

Station Augmentation-BEAR 2 SW COOP
Lat/Lon:39.59167/-75.7325 Elevation:80
Distance:4 MI Dir:SE
Augmented Elements:Precip, Snow
Equipment:SRG, Snowfall

Date	SUNSHINE		CLOUDINESS (OKTAS)				VISIBILITY (MILES)		RESERVED
	TOTAL MINUTES	PERCENT POSSIBLE	SR-SS		MN-MN		MINIMUM	MAXIMUM	
			Sky Cover	Satellite	Sky Cover	Satellite			
01							6.00	10.00	
02							5.00	10.00	
03							7.00	10.00	
04							10.00	10.00	
05							10.00	10.00	
06							10.00	10.00	
07							10.00	10.00	
08							10.00	10.00	
09							10.00	10.00	
10							10.00	10.00	
11							10.00	10.00	
12							2.00	10.00	
13							3.00	10.00	
14							5.00	10.00	
15							10.00	10.00	
16							3.00	10.00	
17							1.50	10.00	
18							10.00	10.00	
19							8.00	10.00	
20							10.00	10.00	
21							10.00	10.00	
22							1.25	10.00	
23							2.50	10.00	
24							1.00	10.00	
25							9.00	10.00	
26							2.00	10.00	
27							5.00	10.00	
28							5.00	10.00	
29							10.00	10.00	
30							1.50	10.00	
MONTHLY AVGS							6.59	10.00	
SUNSHINE (Minutes)									
Total : 0					Possible : 22379				
Percent Possible : 0									
NUMBER OF DAYS WITH : SKY CONDITION									
Clear		Partly CLDY			Cloudy			Missing	
MINIMUM VISIBILITY (MILES)									
<= .25			<= 3.0				>= 7.0		
0			9				16		

OBSERVATIONS AT 3-HOURLY INTERVALS

WILMINGTON, DE
SEPTEMBER 2010 KILG

WBAN # 13781

HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		WEATHER	TEMPERATURE °F			WIND SPEED (MPH) DIRECTION Tens of Deg	PRESSURE (INCHES, HG)		HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		WEATHER	TEMPERATURE °F			WIND SPEED (MPH) DIRECTION Tens of Deg	PRESSURE (INCHES, HG)					
			Observation Time (LST)	Eff Cld Amt Oktas		VISIBILITY (MILES)	DRY BULB	DEW POINT		WET BULB	RELATIVE HUMIDITY (PCT)				STATION	SEA LEVEL		DRY BULB	DEW POINT	WET BULB		RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL	
																											Observation Time (LST)
SUNRISE: 0530 SEP 01						SUNSET: 1834						SUNRISE: 0536 SEP 07						SUNSET: 1824									
01	CLR	NC			10.00	75	64	68	69	8	29	29.99	30.08	01	CLR	NC			10.00	67	57	61	70	3	18	30.11	30.20
04	CLR	NC			9.00	71	64	67	79	5	30	29.98	30.06	04	CLR	NC			10.00	65	58	61	78	3	19	30.11	30.20
07	CLR	NC			8.00	76	66	70	71	0	00	30.01	30.08	07	CLR	NC			10.00	66	62	64	87	3	21	30.12	30.21
10	CLR	NC			10.00	89	66	74	47	6	16	29.99	30.07	10	CLR	NC			10.00	80	63	69	56	10	22	30.10	30.19
13	CLR	NC			10.00	95	60	72	31	11	23	29.96	30.04	13	CLR	NC			10.00	88	61	71	40	11	19	30.01	30.10
16	SCT	070			10.00	95	61	73	32	11	20	29.91	29.99	16	CLR	NC			10.00	89	59	70	36	14	23	29.96	30.04
19	CLR	NC			9.00	83	71	75	67	10	16	29.91	29.99	19	CLR	NC			10.00	81	60	68	49	8	19	29.93	30.01
22	CLR	NC			10.00	79	64	69	60	5	21	29.93	30.02	22	CLR	NC			10.00	77	65	69	67	15	19	29.90	29.98
SUNRISE: 0531 SEP 02						SUNSET: 1832						SUNRISE: 0537 SEP 08						SUNSET: 1823									
01	CLR	NC			10.00	76	65	69	69	3	18	29.93	30.01	01	CLR	NC			10.00	75	66	69	74	8	19	29.85	29.93
04	CLR	NC			6.00	73	67	69	82	5	18	29.93	30.00	04	CLR	NC			10.00	73	64	67	74	7	22	29.80	29.89
07	CLR	NC			5.00	74	69	71	84	3	22	29.94	30.02	07	CLR	NC			10.00	76	64	68	67	13	23	29.78	29.86
10	CLR	NC			10.00	85	67	73	55	6	21	29.93	30.02	10	CLR	NC			10.00	84	64	71	51	13	24	29.75	29.83
13	CLR	NC			10.00	93	66	75	41	11	22	29.91	29.99	13	CLR	NC			10.00	91	47	65	22	20	28	29.70	29.78
16	CLR	NC			10.00	92	62	72	37	11	22	29.88	29.96	16	CLR	NC			10.00	90	37	61	15	18	28	29.65	29.73
19	CLR	NC			10.00	82	67	72	61	9	17	29.86	29.94	19	CLR	NC			10.00	78	43	59	29	15	32	29.70	29.78
22	CLR	NC			10.00	78	67	71	69	11	16	29.85	29.93	22	CLR	NC			10.00	70	46	57	42	18	35	29.78	29.86
SUNRISE: 0532 SEP 03						SUNSET: 1831						SUNRISE: 0538 SEP 09						SUNSET: 1821									
01	CLR	NC			10.00	75	68	70	79	0	00	29.80	29.88	01	CLR	NC			10.00	62	46	54	56	9	30	29.82	29.89
04	CLR	NC			10.00	73	67	69	82	5	01	29.75	29.84	04	CLR	NC			10.00	58	46	52	65	7	27	29.80	29.88
07	CLR	NC			10.00	75	67	70	76	5	36	29.72	29.80	07	CLR	NC			10.00	63	45	54	52	11	30	29.80	29.88
10	CLR	NC			10.00	81	66	71	60	9	35	29.65	29.72	10	CLR	NC			10.00	71	47	58	43	22	31	29.78	29.86
13	CLR	NC			10.00	82	60	68	47	11	36	29.57	29.64	13	BKN	060			10.00	77	44	59	31	17	31	29.75	29.84
16	CLR	NC			10.00	87	59	69	39	13	34	29.49	29.57	16	OVC	060			10.00	73	45	58	37	14	31	29.75	29.83
19	CLR	NC			9.00	81	67	72	63	0	00	29.49	29.57	19	CLR	NC			10.00	67	46	56	47	8	31	29.78	29.85
22	CLR	NC			7.00	76	68	71	76	7	26	29.51	29.58	22	OVC	060			10.00	66	46	55	49	9	28	29.80	29.89
SUNRISE: 0533 SEP 04						SUNSET: 1829						SUNRISE: 0538 SEP 10						SUNSET: 1820									
01	CLR	NC			10.00	77	59	66	54	18	30	29.54	29.62	01	CLR	NC			10.00	62	47	54	58	8	31	29.80	29.89
04	CLR	NC			10.00	69	55	61	61	7	25	29.59	29.66	04	CLR	NC			10.00	60	48	54	65	9	29	29.80	29.88
07	CLR	NC			10.00	71	51	60	49	10	26	29.65	29.73	07	CLR	NC			10.00	62	50	55	65	11	31	29.83	29.92
10	CLR	NC			10.00	77	44	59	31	15	26	29.65	29.74	10	SCT	039			10.00	69	49	58	49	13	33	29.83	29.92
13	BKN	070			10.00	78	45	60	31	18	27	29.65	29.73	13	OVC	060			10.00	72	48	59	43	10	32	29.82	29.90
16	SCT	100			10.00	80	45	60	29	20	29	29.67	29.75	16	OVC	070			10.00	72	48	59	43	11	33	29.82	29.90
19	CLR	NC			10.00	71	44	57	38	9	30	29.72	29.81	19	OVC	075			10.00	68	49	58	51	7	33	29.88	29.95
22	CLR	NC			10.00	63	45	54	52	5	32	29.80	29.88	22	OVC	070			10.00	67	49	57	53	9	34	29.91	29.99
SUNRISE: 0534 SEP 05						SUNSET: 1828						SUNRISE: 0539 SEP 11						SUNSET: 1818									
01	CLR	NC			10.00	60	46	53	60	3	21	29.83	29.91	01	OVC	065			10.00	63	48	55	58	7	34	29.91	30.00
04	CLR	NC			10.00	56	48	52	75	3	30	29.85	29.93	04	CLR	NC			10.00	55	47	51	75	7	32	29.91	30.00
07	CLR	NC			10.00	60	50	55	70	5	26	29.91	30.00	07	CLR	NC			10.00	60	50	55	70	6	33	29.96	30.04
10	CLR	NC			10.00	71	43	56	37	6	32	29.96	30.03	10	CLR	NC			10.00	72	47	58	41	3	30	29.96	30.04
13	CLR	NC			10.00	75	40	57	28	6	VR	29.93	30.01	13	CLR	NC			10.00	77	46	60	33	5	VR	29.93	30.01
16	CLR	NC			10.00	77	39	57	26	13	29	29.91	29.99	16	CLR	NC			10.00	77	44	59	31	7	15	29.88	29.95
19	CLR	NC			10.00	70	41	55	35	3	29	29.96	30.04	19	CLR	NC			10.00	70	48	58	46	6	18	29.88	29.96
22	CLR	NC			10.00	60	50	55	70	3	31	30.01	30.09	22	CLR	NC			10.00	67	51	58	57	10	17	29.93	30.02
SUNRISE: 0535 SEP 06						SUNSET: 1826						SUNRISE: 0540 SEP 12						SUNSET: 1816									
01	CLR	NC			10.00	59	47	53	65	0	00	30.04	30.13	01	CLR	NC			10.00	64	55	59	73	5	12	29.91	30.00
04	CLR	NC			10.00	55	48	51	77	3	33	30.09	30.17	04	OVC	065			10.00	62	56	59	81	3	02	29.91	29.99
07	CLR	NC			10.00	60	51	55	72	0	00	30.14	30.22	07	OVC	060			6.00	62	58	60	87	0	00	29.93	30.02
10	FEW	050			10.00	76	47	60	36	10	13	30.15	30.24	10	OVC	033			8.00	62	59	60	90	5	10	29.94	30.03
13	CLR	NC			10.00	80	55	65	42	14	16	30.11	30.19	13	OVC	042			10.00	65	59	61	81	6	11	29.93	30.01
16	SCT	060			10.00	79	57	66	47	16	17	30.07	30.15	16	OVC	033			10.00	66	59	62	78	5	07	29.91	30.00
19	CLR	NC			10.00	73	61	66	66	11	15	30.10	30.19	19	OVC	015			4.00	63	61	62	93	0	00	29.96	30.04
22	CLR	NC			10.00	70	59	63	68	9	18	30.12	30.21	22	OVC	017			6.00	63	61	62	93	3	35	29.96	30.05

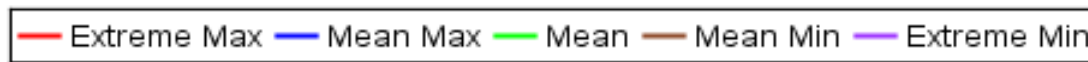
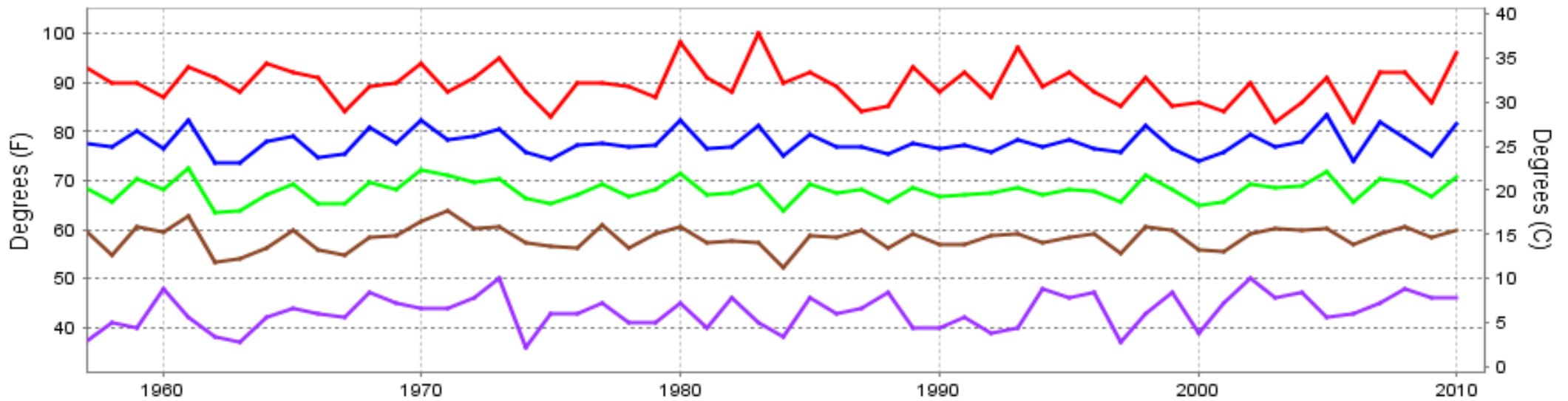
OBSERVATIONS AT 3-HOURLY INTERVALS

WILMINGTON, DE
SEPTEMBER 2010 KILG

WBAN # 13781

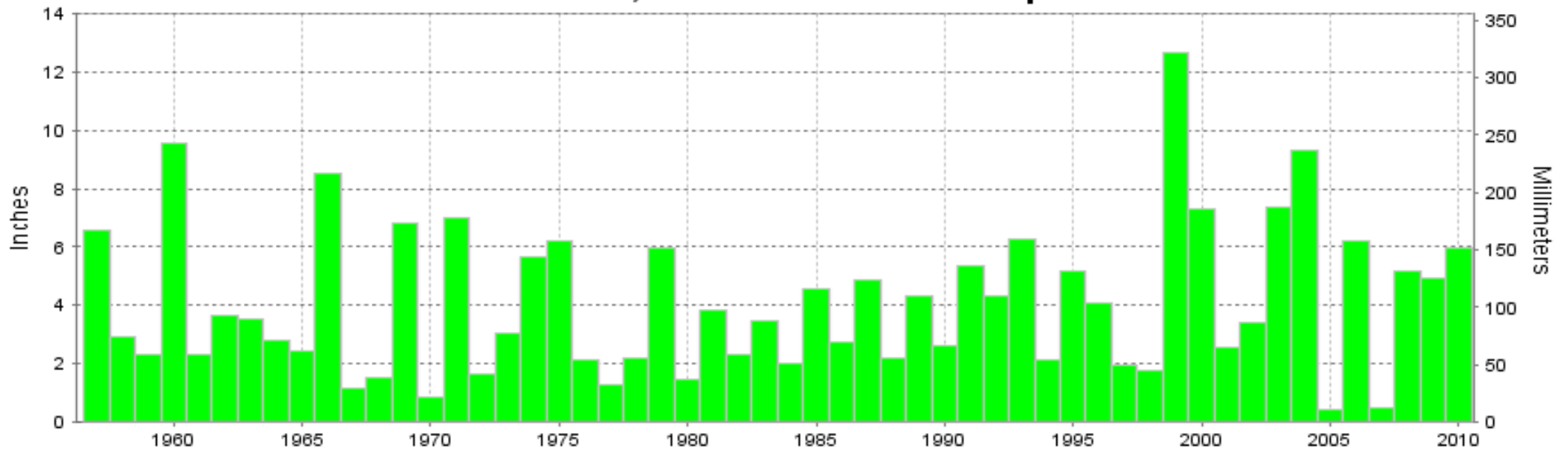
HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		WEATHER	TEMPERATURE °F			WIND SPEED (MPH) DIRECTION Tens of Deg	PRESSURE (INCHES, HG)		HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		WEATHER	TEMPERATURE °F			WIND SPEED (MPH) DIRECTION Tens of Deg	PRESSURE (INCHES, HG)							
			Observation Time (LST)	Eff Cld Amt Oktas		VISIBILITY (MILES)	DRY BULB	DEW POINT		WET BULB	RELATIVE HUMIDITY (PCT)				STATION	SEA LEVEL		DRY BULB	DEW POINT	WET BULB		RELATIVE HUMIDITY (PCT)	STATION	SEA LEVEL					
																									Observation Time (LST)	Eff Cld Amt Oktas	VISIBILITY (MILES)	DRY BULB	DEW POINT
SUNRISE: 0541 SEP 13						SUNSET: 1815						SUNRISE: 0547 SEP 19						SUNSET: 1805											
01	SCT	016			3.00	BR	59	57	58	93	5	32	29.94	30.02	01	CLR	NC			10.00	58	55	56	90	3	33	30.09	30.18	
04	OVC	018			5.00	BR	61	59	60	93	6	31	29.94	30.03	04	CLR	NC			10.00	57	56	56	96	0	00	30.07	30.16	
07	OVC	024			4.00	BR	61	59	60	93	0	00	29.96	30.05	07	CLR	NC			10.00	61	56	58	84	0	00	30.09	30.17	
10	FEW	024			10.00		70	58	63	66	8	30	29.94	30.03	10	CLR	NC			10.00	74	54	62	50	3	VR	30.07	30.16	
13	CLR	NC			10.00		78	53	63	42	0	00	29.85	29.94	13	CLR	NC			10.00	79	56	65	45	6	15	30.01	30.09	
16	CLR	NC			10.00		77	55	64	47	8	23	29.80	29.88	16	CLR	NC			10.00	82	54	65	38	7	25	29.93	30.02	
19	CLR	NC			10.00		73	58	64	59	5	21	29.80	29.89	19	CLR	NC			10.00	76	56	64	50	3	20	29.93	30.02	
22	CLR	NC			10.00		66	61	63	84	0	00	29.85	29.92	22	FEW	080			10.00	68	60	63	76	0	00	29.93	30.01	
SUNRISE: 0542 SEP 14						SUNSET: 1813						SUNRISE: 0548 SEP 20						SUNSET: 1803											
01	CLR	NC			8.00		61	59	60	93	0	00	29.83	29.91	01	CLR	NC			10.00	67	59	62	76	8	36	29.91	29.99	
04	FEW	090			7.00		59	57	58	93	0	00	29.83	29.91	04	CLR	NC			10.00	63	55	58	75	11	34	29.91	29.98	
07	CLR	NC			6.00	BR	61	58	59	90	0	00	29.83	29.91	07	CLR	NC			10.00	62	47	54	58	13	36	29.96	30.04	
10	CLR	NC			10.00		76	50	61	40	11	31	29.85	29.94	10	CLR	NC			10.00	70	45	57	41	11	02	29.98	30.06	
13	CLR	NC			10.00		80	46	61	30	20	33	29.85	29.94	13	CLR	NC			10.00	76	36	56	23	11	36	29.93	30.02	
16	CLR	NC			10.00		78	39	57	25	16	32	29.85	29.94	16	CLR	NC			10.00	76	33	55	21	13	35	29.91	29.99	
19	CLR	NC			10.00		69	44	56	41	5	30	29.90	29.98	19	CLR	NC			10.00	64	43	53	47	5	34	29.98	30.06	
22	CLR	NC			10.00		64	48	55	56	0	00	29.91	30.00	22	CLR	NC			10.00	57	44	50	62	3	32	30.04	30.13	
SUNRISE: 0543 SEP 15						SUNSET: 1811						SUNRISE: 0549 SEP 21						SUNSET: 1802											
01	CLR	NC			10.00		58	50	54	75	6	32	29.94	30.02	01	CLR	NC			10.00	55	42	49	62	7	35	30.09	30.16	
04	CLR	NC			10.00		57	48	52	72	7	36	29.98	30.07	04	CLR	NC			10.00	48	42	45	80	5	34	30.11	30.20	
07					10.00		61	48	54	63	6	33	30.06	30.14	07	CLR	NC			10.00	52	45	49	77	5	32	30.15	30.24	
10	CLR	NC			10.00		72	43	57	35	7	32	30.06	30.15	10	CLR	NC			10.00	67	47	56	49	6	14	30.17	30.26	
13	CLR	NC			10.00		77	42	58	29	11	30	30.01	30.10	13	CLR	NC			10.00	73	44	57	35	11	14	30.11	30.20	
16	CLR	NC			10.00		79	42	59	27	13	31	29.98	30.06	16	CLR	NC			10.00	74	50	60	43	14	15	30.06	30.14	
19	CLR	NC			10.00		70	46	57	42	3	04	30.01	30.10	19	CLR	NC			10.00	68	60	63	76	7	18	30.04	30.12	
22	CLR	NC			10.00		60	51	55	72	6	03	30.06	30.14	22	CLR	NC			10.00	63	56	59	78	5	18	30.03	30.12	
SUNRISE: 0544 SEP 16						SUNSET: 1810						SUNRISE: 0550 SEP 22						SUNSET: 1760											
01	CLR	NC			10.00		62	47	54	58	9	06	30.06	30.15	01	CLR	NC			10.00	61	55	58	81	0	00	30.04	30.12	
04	CLR	NC			10.00		60	47	53	62	10	07	30.04	30.13	04	CLR	NC			10.00	63	59	61	87	6	18	30.01	30.10	
07	OVC	021			10.00		62	51	56	67	9	08	30.01	30.09	07	CLR	NC			10.00	65	59	61	81	6	19	30.02	30.10	
10	CLR	NC			10.00		74	64	68	71	7	VR	29.93	30.01	10	CLR	NC			10.00	78	62	68	58	9	24	30.01	30.09	
13	CLR	NC			10.00		82	66	71	58	11	15	29.83	29.91	13	CLR	NC			10.00	87	64	72	46	9	24	29.94	30.03	
16	BKN	090			8.00	-TSRA	76	66	70	71	21	30	29.80	29.89	16	CLR	NC			10.00	88	64	72	45	10	20	29.88	29.96	
19	BKN	110			9.00		69	66	67	90	3	21	29.77	29.84	19	FEW	090			10.00	82	67	72	61	7	24	29.91	30.00	
22	OVC	080			6.00	BR	67	65	66	93	5	14	29.72	29.81	22	CLR	NC			7.00	70	67	68	90	3	03	29.99	30.08	
SUNRISE: 0545 SEP 17						SUNSET: 1808						SUNRISE: 0551 SEP 23						SUNSET: 1758											
01	OVC	095			3.00	-RA BR	67	65	66	93	3	27	29.72	29.80	01	FEW	100			4.00	BR	68	66	67	93	0	00	30.02	30.11
04	FEW	070			4.00	BR	66	64	65	93	8	23	29.73	29.82	04	CLR	NC			2.50	BR	64	64	64	100	5	32	30.06	30.13
07	CLR	NC			10.00		66	63	64	90	9	25	29.82	29.90	07	CLR	NC			3.00	BR	68	65	66	90	6	33	30.10	30.19
10	BKN	032			10.00		72	61	65	68	10	30	29.88	29.96	10	CLR	NC			10.00	75	65	69	71	5	08	30.12	30.20	
13	SCT	046			10.00		79	56	65	45	15	34	29.90	29.98	13	CLR	NC			10.00	81	65	71	58	9	17	30.09	30.17	
16	CLR	NC			10.00		77	51	62	40	14	31	29.93	30.01	16	CLR	NC			10.00	83	65	71	55	8	14	30.04	30.13	
19	CLR	NC			10.00		68	52	59	57	15	36	29.99	30.08	19	CLR	NC			10.00	73	67	69	82	11	17	30.07	30.16	
22	OVC	065			10.00		62	49	55	63	8	36	30.07	30.16	22	CLR	NC			10.00	69	64	66	84	5	12	30.10	30.19	
SUNRISE: 0546 SEP 18						SUNSET: 1807						SUNRISE: 0552 SEP 24						SUNSET: 1757											
01	CLR	NC			10.00		57	48	52	72	6	01	30.09	30.17	01	OVC	005			6.00	BR	69	67	68	93	7	14	30.09	30.17
04	CLR	NC			10.00		53	47	50	80	8	34	30.11	30.19	04	OVC	005			4.00	BR	70	68	69	93	3	19	30.04	30.12
07	BKN	035			10.00		56	48	52	75	8	35	30.15	30.24	07					1.00						6	18		
10	CLR	NC			10.00		67	49	57	53	6	34	30.16	30.25	10	SCT	010			2.00	HZ	77	69	72	76	3	27	30.03	30.11
13	CLR	NC			10.00		72	50	60	46	0	00	30.11	30.20	13	CLR	NC			10.00	89	67	74	48	9	21	29.94	30.03	
16	CLR	NC			10.00		77	51	62	40	6	30	30.09	30.16	16	CLR	NC			10.00	90	67	74	47	8	16	29.86	29.94	
19	CLR	NC			10.00		69	53	60	57	3	23	30.06	30.15	19	CLR	NC			10.00	84	65	71	53	9	18	29.83	29.90	
22	CLR	NC			10.00		63	55	58	75	3	10	30.09	30.17	22	CLR	NC			10.00	79	65	70	62	8	20	29.83	29.91	

WILMINGTON, DE SEPTEMBER Temperatures



Long-Term (1957-2010) Mean: 68.0
1971-2000 Normal: 67.7

WILMINGTON, DE SEPTEMBER Precipitation



Long-Term (1957-2010) Mean Monthly Total: 4.09

1971-2000 Normal: 4.01



SEPTEMBER 2010
WILMINGTON, DE

LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

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