LOCAL CLIMATOLOGICAL DATA

DECEMBER 1995
WILMINGTON, DE
GREATER WILMINGTON AIRPORT

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LATITUDE: 39° 40′ N LONGITUDE: 75° 36′ W ELEVATION (GROUND): 74 FEET TIME ZONE: EASTERN STANDARD

ISSN # 0198-117X
WBAN # 13781

DATE	TEMPERATURE° F MAXIMUM	MINIMUM	AVERAGE	DEP FROM NORMAL	AVERAGE DEW PT	AVERAGE WET BULB	DEG DAYS BASE 65° HEATING	COOLING	SIGNIFICANT WEATHER	SNOW/ICE ON GND(IN) 0700 LST DEPTH	1300 LST WATER EQUIV	PRECIPITATION (INCHES) 2400 LST SNOW-FALL	2400 LST WATER EQUIV	PRESSURE (INCHES OF HG) AVERAGE STATION	AVERAGE SEA LEVEL	WIND SPEED = MPH DIR = TENS OF DEGREES RESULTANT WIND SPEED	RES DIR	AVERAGE SPEED	MAXIMUM 5-SEC SPEED	5-SEC DIR	2-MIN SPEED	2-MIN DIR	SUNSHINE TOTAL MINUTES	PERCENT POSSIBLE	CLOUDINESS SR-SS CEILOMETER TENTHS	SR-SS SATELLITE TENTHS	MN-MN CEILOMETER TENTHS	MN-MN SATELLITE TENTHS
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
01	54	33	44*	3	33	40	21	0		0		0.0	0.00	29.65	29.73	9.1	22	11.3	25	29	21	30			2	7	4	
02	49	33	41	1	23	35	24	0		0		0.0	0.00	30.00	30.08	9.5	31	11.1	30	31	25	32				0		
03	57*	28	43	3	32	39	22	0	R	0		0.0	T	29.97	30.05	4.5	19	6.8	28	20	23	21						
04	52	33	43	3	33	41	22	0	FH	0		0.0	0.00	29.97	30.06	8.7	31	9.3	21	31	17	31			0	2	0	3
05	45	32	39	0	25	34	26	0	R	0		0.0	0.06	30.13	30.22	3.7	7	5.8	15	01	13	02			1		4	
06	43	34	39	0	21	32	26	0	RFH	0		0.0	0.01	29.99	30.08	6.9	27	8.5	21	26	18	31			0	9	4	6
07	43	27	35	-3	13	28	30	0		0		0.0	0.00	29.99	30.08	6.9	29	7.8	20	30	15	29			5		5	
08	37	23	30	-8	13	25	35	0		0		0.0	0.00	30.25	30.34	3.0	30	4.6	23	33	17	32			0	0	1	2
09	35	28	32	-6	27	30	33	0	RSFH	2	0 .4	2.3	0.42	29.99	30.08	5.3	33	9.4	28	29	23	30			10	4		4
10	30	13*	22	-15	3	15	43	0		0		0.0	0.00	30.04	30.12	14.4	29	15.1	33	29	28	30			0	0	0	0
11	23	15	19*	-18	0	14	46	0		0		0.0	0.00	30.12	30.21	14.4	27	14.8	33	27	28	28			1	0	0	
12	28	16	22	-15	7	18	43	0		0		0.0	0.00	30.33	30.42	7.4	30	8.0	22	30	17	32			5	5	5	
13	28	20	24	-12	12	22	41	0	S	0		T	T	30.43	30.52	3.5	5	5.1	10	11	8	06			10		10	
14	39	24	32	-4	28	30	33	0	RZRSF+H	0		T	0.16	30.13	30.22	1.9	8	4.8	16	10	15	09			10	7	8	6
15	51	26	39	3	30	34	26	0	F+H	0		0.0	0.00	30.06	30.15	1.6	5	2.8	11	08	9	01				6		6
16	38	32	35	-1	31	34	30	0	RSFH	0		0.1	0.67	30.06	30.15	4.4	0	5.7	15	33	13	32				5		5
17	41	26	34	-1	23	30	31	0	F	0		0.0	0.00	30.27	30.36	8.0	33	8.8	22	36	20	36			0	0	1	1
18	39	24	32	-3	26	30	33	0	RFH	0		0.0	0.05	30.16	30.25	1.5	24	2.7	8	23	7	23			3		5	
19	33	24	29	-6	26	28	36	0	RP-ZRGLS	2		1.0	0.74	29.68	29.77	9.6	5	9.7	22	04	18	04			10	9		8
20	25	19	22	-12	15	20	43	0	RZRSF	2		T	0.05	29.57	29.65	13.5	31	14.4	37	31	31	31				6		
21	31	18	25	-9	16	22	40	0		2		0.0	0.00	29.66	29.75	15.5	27	16.0	34	28	28	28			5		3	
22	33	24	29	-5	17	24	36	0		2		0.0	0.00	29.79	29.87	16.9	30	17.1	31	30	26	30				1		0
23	34	23	29	-5	21	27	36	0		2		0.0	0.00	29.87	29.96	10.7	30	11.2	23	29	20	31			10	2	8	2
24	33	28	31	-2	20	27	34	0		2		0.0	0.00	29.84	29.93	14.5	30	14.7	31	29	24	30			6	1	8	2
25	32	25	29	-4	20	26	36	0	SH	2		T	T	29.80	29.89	11.9	29	12.2	24	32	22	31			10	7	8	4
26	29	22	26	-7	12	22	39	0		2		0.0	0.00	29.74	29.83	17.6	30	17.9	40	32	34	31				1		0
27	30	21	26	-7	14	22	39	0		1		0.0	0.00	29.78	29.87	17.1	30	17.5	32	32	26	30			4	1	4	1
28	34	25	30	-3	20	27	35	0		1		0.0	0.00	30.03	30.11	11.4	32	11.5	23	31	21	32				0		1
29	38	25	32	0	18	26	33	0		0		0.0	0.00	30.25	30.34	9.3	30	10.0	25	31	21	31				0		1
30	43	20	32	0	20	27	33	0		0		0.0	0.00	30.22	30.31	3.3	24	4.3	13	24	10	22						
31	49	24	37	5	27	32	28	0	RFH	0		0.0	0.01	29.94	30.03	0.5	9	3.0	8	12	7	35				4		
	37.9	24.7	31.3	-4.5	20.2	27.8	<-------	MONTHLY AVERAGES	-------->					29.99	30.08	6.8	30	9.7	<- MONTHLY AVERAGES ->							3		

DEPARTURE -6.0 -2.9

DEGREE DAYS

	MONTHLY TOTAL	MONTHLY DEPARTURE	SEASON TO DATE TOTAL	SEASON TO DATE DEPARTURE
HEATING:	1033	128	1985	196
COOLING:	0	0	1267	221

TOTAL SNOWFALL: 7.1 TOTAL PRECIPITATION: 2.17
PRECIP. DEPARTURE: -1.31

	TOTAL	DATE
GREATEST 24-HR PRECIPITATION:	0.79	19-20
GREATEST 24-HR SNOWFALL:	2.3	09
GREATEST SNOW DEPTH:	2	26+

SUNSHINE TOTALS: PERCENT POSSIBLE:

WIND	SPEED	DIRECTION	DATE
MAXIMUM 5-SECOND :	40	32	26
MAXIMUM 2-MINUTE :	34	31	26

NUMBER OF DAYS WITH —>

SKY CONDITIONS CLEAR	PARTLY CLOUDY	CLOUDY
5	2	8

MAXIMUM TEMP ≥ 90 :	0	MINIMUM TEMP ≤ 32 :	27
MAXIMUM TEMP ≤ 32 :	9	MINIMUM TEMP ≤ 0 :	0
THUNDERSTORMS :	0	HEAVY FOG :	2

PRECIPITATION ≥ 0.01 INCH :	9
PRECIPITATION ≥ 0.10 INCH :	4
SNOWFALL ≥ 1.0 INCH :	2

<— NUMBER OF DAYS WITH

DECEMBER 1995
WILMINGTON, DE

HOURLY PRECIPITATION
(WATER EQUIVALENT IN INCHES)

DECEMBER 1995 WBAN # 13781
WILMINGTON, DE

DATE	A.M. HOUR (L.S.T.) ENDING AT												DATE	P.M. HOUR (L.S.T.) ENDING AT												DATE	
	1	2	3	4	5	6	7	8	9	10	11	12		1	2	3	4	5	6	7	8	9	10	11	12		
01													01													01	
02													02													02	
03													03				T	T					T	T		03	
04													04													04	
05													05									T	0.06	T	T	05	
06	0.01												06													06	
07													07													07	
08													08													08	
09				T	0.04	0.04	0.03	0.03	0.05	0.03	0.10	0.05	09	0.02	0.01	T											09	* 0.40
10													10													10	
11													11													11	
12													12													12	
13									T	T		T	13												T	13	
14	0.02	0.02	0.03	0.04	0.02	T	T						14	T	0.02	0.01										14	
15													15													15	
16			0.01	0.04	0.04	0.07	0.09	0.16	0.13	0.08	0.03	T	16													16	* 0.65
17													17													17	
18													18						T	0.01	0.01	0.01	T	0.01	0.01	18	
19		T	0.02	0.01	0.02	0.04	0.04	0.04	0.05	0.01	0.03	0.02	19	0.01	0.01	0.04	0.07	0.11	0.14	0.06	0.02	T	T		T	19	
20	T	0.03	0.01	T	T	T	0.01	T	T	T	T	T	20	T												20	
21													21													21	
22													22													22	
23													23													23	
24													24													24	
25													25	T												25	
26													26													26	
27													27													27	
28													28													28	
29													29													29	
30													30													30	
31													31									T	0.01	T	T	31	

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* The sum of the hourly totals follows the * when it disagrees with the daily total on page 1. NWS does not edit ASOS hourly precipitation but may edit daily and monthly totals. Hourly, daily, and monthly totals are printed as reported by the ASOS site.

MAXIMUM SHORT DURATION PRECIPITATION (MSDP) **

TIME PERIOD (MINUTES)	5	10	15	20	30	45	60	80	100	120	150	180
PRECIPITATION (INCHES)												
ENDED: DATE												
ENDED: TIME												

** NCDC derives MSDP data from one-Minute ASOS data. The MSDP data are not printed when inconsistent with ASOS hourly totals.

The time indicated is the ending time of the interval.
Date and time are not entered for trace amounts.

REFERENCE NOTES :

WFO = WEATHER FORECAST OFFICE.
ASOS = AUTOMATED SURFACE OBSERVING SYSTEM.
* = EXTREME FOR THE MONTH (LAST OCCURRENCE IF MORE THAN ONE).
T = TRACE PRECIPITATION AMOUNT.
\+ = ALSO OCCURS ON EARLIER DATES.
F+ = HEAVY FOG, VISIBILITY .25 MILES OR LESS.
BLANK ENTRIES DENOTE MISSING OR UNREPORTED DATA.
THE HEATING DEGREE DAY SEASON BEGINS JULY 1.
THE COOLING DEGREE DAY SEASON BEGINS JANUARY 1.
CEILOMETER (30-SECOND) DATA ARE USED TO DERIVE CLOUDINESS AT OR BELOW 12,000 FEET. THIS CLOUDINESS IS THE MEAN CLOUD COVER DETECTED DURING THE TIME INTERVAL (HOUR, SUNRISE TO SUNSET, OR MIDNIGHT TO MIDNIGHT).
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. 50 x 50 KM).
SKY CONDITION IS BASED ON THE SUM (NOT TO EXCEED 10) 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 - 3 TENTHS, PARTLY CLOUDY = 4 - 7 TENTHS, AND CLOUDY = 8 - 10 TENTHS.
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' INDICATES CALM.
SR-SS = SUNRISE TO SUNSET. MN-MN = MIDNIGHT TO MIDNIGHT.
SNOWFALL IS FOR THE 24-HOUR PERIOD ENDING AT THE TIME INDICATED IN COLUMN HEADING.
WATER EQUIVALENT OF SNOW ON THE GROUND IS REPORTED ONLY WHEN THE DEPTH IS 2 OR MORE INCHES.
H, F, F+, P-, R, S, AND ZR ARE REPORTED FROM ASOS AUTOMATED SENSORS. OTHER WEATHER TYPES MAY BE ADDED TO THE REPORT BY STATION PERSONNEL OR BE PROVIDED BY THE WEATHER FORECAST OFFICE (WFO).

A	HAIL	GL	GLAZE	SG	SNOW GRAINS
BD	BLOWING DUST	H	HAZE	SP	SNOW PELLETS
BN	BLOWING SAND	IC	ICE CRYSTALS	T	THUNDER
BS	BLOWING SNOW	IF	ICE FOG	V	VOLCANIC ASH
BY	BLOWING SPRAY	IP	ICE PELLETS	ZL	FREEZING DRIZZLE
D	DUST	K	SMOKE	ZR	FREEZING RAIN
F	FOG	L	DRIZZLE	&	TORNADO
F+	HEAVY FOG	P-	UNKN. PRECIP.	&C	FUNNEL CLOUD
GF	GROUND FOG	R	RAIN	&W	WATERSPOUT
		S	SNOW		

NORMALS ARE FOR THE YEARS 1961 - 1990.
A HEATING (COOLING) DEGREE DAY IS THE DEFERENCE BETWEEN THE AVERAGE DAILY TEMPERATURE AND 65°F.
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 THE MOISTURE CONTENT WAS INCREASED TO 100% RELATIVE HUMIDITY.

TEMPERATURE - HUMIDITY INDEX (STEADMAN, 1979)

TEMPERATURE °F	RELATIVE HUMIDITY (PERCENT) 0	10	20	30	40	50	60	70	80	90	100
120	107	116	130	148							
115	103	111	120	135	151				APPARENT		
110	99	105	112	123	137	150			TEMPERATURE		
105	95	100	105	113	123	135	149				
100	91	95	99	104	110	120	132	144			
95	87	90	93	96	101	107	114	124	136		
90	83	85	87	90	93	96	100	106	113	122	
85	78	80	82	84	86	88	90	93	97	102	108
80	73	75	77	78	79	81	82	85	86	88	91
75	69	70	72	73	74	75	76	77	78	79	80
70	64	65	66	67	68	69	70	70	71	71	72

WIND CHILL EQUIVALENT TEMPERATURE (SIPLE & PASSEL, 1945)

TEMPERATURE °F	WIND VELOCITY (MPH) 4	5	10	15	20	25	30	35	40	45
45	45	43	34	29	26	23	21	20	19	18
40	40	37	26	23	19	16	13	12	11	10
35	35	32	22	16	12	8	6	4	3	2
30	30	27	16	9	4	1	-2	-4	-5	-6
25	25	22	10	2	-3	-7	-10	-12	-13	-14
20	20	16	3	-5	-10	-15	-18	-20	-21	-22
15	15	11	-3	-11	-17	-22	-25	-27	-29	-30
10	10	6	-9	-18	-24	-29	-33	-35	-37	-38
5	5	0	-15	-25	-31	-36	-41	-43	-45	-46
0	0	-5	-22	-31	-39	-44	-49	-52	-53	-54
-5	-5	-10	-27	-38	-46	-51	-56	-58	-60	-62
-10	-10	-15	-34	-45	-53	-59	-64	-67	-69	-70
-15	-15	-21	-40	-51	-60	-66	-71	-74	-76	-78
-20	-20	-26	-46	-58	-67	-74	-79	-82	-84	-85
-25	-25	-31	-52	-65	-74	-81	-86	-89	-92	-93
-30	-30	-36	-58	-72	-81	-88	-93	-97	-100	-102

ADDITIONAL INFORMATION :

OBSERVATIONS AT 3-HOURLY INTERVALS

DECEMBER 1995 WBAN # 13781
WILMINGTON, DE

HOUR (LST)	≤ 12K FEET: CEILOMETER TENTHS	≤ 12K FEET: CEILING 100'S OF FT	SATELLITE > 12K FT: OBSERVATION TIME (LST)	SATELLITE > 12K FT: EFF CLD AMT TENTHS	SATELLITE 100'S OF FT: LOWEST CLOUD TOP	SATELLITE 100'S OF FT: HIGHEST CLOUD TOP	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F: DRY BULB	TEMPERATURE °F: DEW POINT	TEMPERATURE °F: WET BULB	RELATIVE HUMIDITY (PCT)	WIND: SPEED (MPH)	WIND: DIRECTION TENS OF DEG	PRESSURE (INCHES,HG): STATION	PRESSURE (INCHES,HG): SEA LEVEL
SUNRISE: 0704 DEC 01 SUNSET: 1639																
01	10	80	0057	9	210	260	10.00		33	25	30	73	10	18	29.91	30.00
04	6	100	0358	10	280	330	10.00		36	30	34	79	13	18	29.80	29.88
07	10	110	0658	10	260	300	10.00		40	31	36	70	13	21	29.71	29.80
10	3	95	0957	10	220	260	10.00		43	34	39	71	13	21	29.64	29.72
13	0	NC	1257	3	130	260	10.00		48	36	43	63	15	23	29.55	29.64
16	0	NC					10.00		54	37	46	53	6	17	29.50	29.58
19	1	NC					10.00		47	36	42	66	6	25	29.55	29.63
22		NC					10.00		51	33	43	50	12	25	29.59	29.67
SUNRISE: 0705 DEC 02 SUNSET: 1639																
01		NC					10.00		46	32	40	58	18	31	29.70	29.78
04		50					10.00		45	27	38	49	13	28	29.79	29.87
07		NC					10.00		38	24	33	57	9	28	29.93	30.01
10		NC	0957	0	NT	NT	10.00		43	24	36	47	21	31	30.02	30.11
13		NC	1256	0	NT	NT	10.00		46	22	37	39	16	34	30.02	30.11
16		NC	1556	0	NT	NT	10.00		44	22	36	42	10	31	30.07	30.16
19		NC					10.00		39	21	33	49	3	26	30.14	30.23
22		NC	2157	0	NT	NT	10.00		35	23	31	62	3	03	30.17	30.26
SUNRISE: 0706 DEC 03 SUNSET: 1639																
01		NC					10.00		35	18	29	50	6	08	30.14	30.23
04		NC					10.00		32	19	28	59	0	00	30.12	30.21
07		NC	0657	1	200	230	10.00		28	19	25	69	3	03	30.10	30.19
10		NC					10.00		41	31	37	68	9	16	30.05	30.14
13		NC					10.00		56	34	46	44	16	20	29.93	30.01
16		85	1556	9	160	300	10.00	R	55	36	46	49	10	20	29.86	29.94
19		NC					10.00		54	42	48	64	5	19	29.84	29.91
22		85					10.00	R	50	43	47	77	3	31	29.84	29.91
SUNRISE: 0707 DEC 04 SUNSET: 1638																
01		45					10.00		52	43	48	72	6	26	29.80	29.89
04		100					10.00		49	42	46	77	5	32	29.82	29.90
07	0	NC	0657	9	150	260	7.00		49	40	45	71	14	31	29.89	29.97
10	0	NC	0957	5	150	300	10.00		48	34	42	59	14	33	29.98	30.06
13	0	NC	1257	0	NT	NT	10.00		51	32	43	48	16	31	29.96	30.05
16	0	NC	1556	0	NT	NT	10.00		49	29	41	46	12	31	29.98	30.07
19	0	NC					10.00		43	28	37	56	12	32	30.08	30.16
22	0	NC	2157	0	NT	NT	10.00		35	25	31	67	6	32	30.13	30.22
SUNRISE: 0708 DEC 05 SUNSET: 1638																
01	0	NC	0057	5	200	260	10.00		34	25	31	70	5	35	30.18	30.26
04	0	NC	0358	8	260	380	10.00		33	20	29	59	9	02	30.21	30.30
07		NC	0658	9	230	300	10.00		33	18	28	54	7	04	30.23	30.32
10	0	NC	0957	9	240	300	10.00		36	20	30	52	6	10	30.26	30.35
13	2	NC					10.00		42	27	36	55	6	12	30.16	30.25
16	2	NC					10.00		44	30	38	58	5	12	30.09	30.19
19	10	55					10.00		42	31	38	65	7	09	30.02	30.10
22	10	50	2157	9	260	330	7.00	R	42	29	37	60	0	00	29.98	30.06
SUNRISE: 0708 DEC 06 SUNSET: 1638																
01	10	37	0057	7	130	440	7.00		43	30	38	60	6	20	29.91	29.99
04	1	NC	0358	0	NT	NT	4.00	H	39	30	35	70	5	24	29.89	29.97
07	0	NC	0658	0	NT	NT	7.00		37	35	36	93	13	30	29.98	30.06
10	0	NC	0957	10	300	380	10.00		37	19	31	48	12	30	30.07	30.15
13	0	NC	1257	10	300	440	10.00		37	14	30	39	12	29	30.02	30.10
16	0	NC	1556	9	260	300	10.00		36	14	29	40	10	23	30.00	30.09
19	10	85					10.00		37	13	29	37	8	24	30.02	30.11
22	8	110					10.00		37	13	29	37	8	24	30.02	30.10

HOUR (LST)	≤ 12K FEET: CEILOMETER TENTHS	≤ 12K FEET: CEILING 100'S OF FT	SATELLITE > 12K FT: OBSERVATION TIME (LST)	SATELLITE > 12K FT: EFF CLD AMT TENTHS	SATELLITE 100'S OF FT: LOWEST CLOUD TOP	SATELLITE 100'S OF FT: HIGHEST CLOUD TOP	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F: DRY BULB	TEMPERATURE °F: DEW POINT	TEMPERATURE °F: WET BULB	RELATIVE HUMIDITY (PCT)	WIND: SPEED (MPH)	WIND: DIRECTION TENS OF DEG	PRESSURE (INCHES,HG): STATION	PRESSURE (INCHES,HG): SEA LEVEL
SUNRISE: 0709 DEC 07 SUNSET: 1638																
01	10	90					10.00		38	12	30	34	7	25	30.00	30.09
04	10	65					10.00		37	13	29	37	3	23	29.98	30.07
07	10	70					10.00		36	14	29	40	5	20	29.98	30.06
10	10	100					10.00		39	11	30	32	8	31	30.00	30.08
13	0	NC					10.00		42	10	32	27	14	31	29.93	30.01
16	0	NC	1556	0	NT	NT	10.00		40	9	30	28	13	30	29.91	30.01
19	0	NC					10.00		32	12	26	43	9	32	30.00	30.08
22	0	NC	2157	0	NT	NT	10.00		28	15	24	58	7	33	30.07	30.15
SUNRISE: 0710 DEC 08 SUNSET: 1638																
01	0	NC	0058	0	NT	NT	10.00		29	14	24	53	12	30	30.12	30.21
04	2	NC	0358	0	NT	NT	10.00		27	13	23	56	5	28	30.17	30.26
07	0	NC	0658	0	NT	NT	10.00		25	14	22	63	0	00	30.22	30.31
10	0	NC	0957	0	NT	NT	10.00		32	17	27	54	10	34	30.30	30.39
13	0	NC	1257	0	NT	NT	10.00		35	10	27	35	0	00	30.28	30.37
16	0	NC	1556	0	NT	NT	10.00		35	11	28	37	0	00	30.29	30.38
19	0	NC					10.00		32	12	26	43	0	00	30.29	30.38
22	0	NC	2157	9	260	440	10.00		31	14	26	49	0	00	30.28	30.37
SUNRISE: 0711 DEC 09 SUNSET: 1638																
01	8	95	0058	9	280	300	10.00		32	14	26	47	6	11	30.21	30.30
04	10	20	0358	9	260	440	1.25	S	30	22	27	72	6	11	30.21	30.30
07	10	5	0658	8	160	440	1.75	SF	29	28	29	96	8	04	30.09	30.18
10	10	3	0957	6	150	460	2.50	RF	32	31	32	96	8	02	30.02	30.10
13	10	22	1257	1	150	300	3.00	RF	33	32	33	96	14	33	29.88	29.96
16	10	25	1556	0	NT	NT	10.00		35	33	34	92	10	33	29.84	29.92
19		NC					5.00	F	32	29	31	89	12	30	29.89	29.97
22		NC	2157	0	NT	NT	7.00		31	26	29	82	8	27	29.93	30.01
SUNRISE: 0712 DEC 10 SUNSET: 1638																
01		NC	0058	1	130	440	10.00		27	4	21	37	22	30	29.98	30.07
04	0	NC	0358	0	NT	NT	10.00		19	1	15	45	20	30	30.04	30.12
07	0	NC	0658	0	NT	NT	10.00		14	-1	11	51	13	30	30.09	30.18
10	0	NC	0957	0	NT	NT	10.00		17	2	14	52	12	30	30.09	30.19
13	0	NC	1257	0	NT	NT	10.00		21	6	17	52	14	29	30.02	30.11
16	0	NC	1557	0	NT	NT	10.00		22	5	18	48	16	27	30.00	30.09
19	0	NC					10.00		20	5	16	52	12	26	30.02	30.11
22	0	NC					10.00		17	1	14	49	14	27	30.02	30.11
SUNRISE: 0713 DEC 11 SUNSET: 1638																
01	0	NC					10.00		15	1	12	54	13	25	30.00	30.09
04	0	NC					10.00		17	-1	13	45	17	27	30.02	30.11
07	0	NC	0658	0	NT	NT	10.00		16	-1	12	47	18	26	30.07	30.16
10	0	NC	0958	0	NT	NT	10.00		19	0	15	43	24	28	30.15	30.24
13	1	NC	1257	0	NT	NT	10.00		22	1	17	40	20	28	30.11	30.21
16	0	NC	1556	0	NT	NT	10.00		21	-1	16	38	18	27	30.13	30.22
19	0	NC					10.00		18	0	14	45	8	27	30.20	30.29
22	0	NC					10.00		17	1	14	49	7	26	30.22	30.31
SUNRISE: 0714 DEC 12 SUNSET: 1639																
01	0	NC					10.00		17	3	14	54	6	25	30.25	30.34
04	10	90					10.00		19	4	15	52	7	30	30.26	30.35
07	0	NC	0658	7	140	300	10.00		19	5	16	54	7	27	30.31	30.40
10	0	NC	0957	8	130	330	10.00		24	5	19	44	15	30	30.34	30.43
13	3	110	1257	9	130	260	10.00		27	7	22	43	10	30	30.30	30.39
16	10	95	1557	9	140	440	10.00		25	7	20	46	13	32	30.33	30.42
19	8	80					10.00		22	9	19	57	6	33	30.38	30.47
22	4	85					10.00		21	11	18	65	3	33	30.41	30.50

OBSERVATIONS AT 3-HOURLY INTERVALS

DECEMBER 1995 WBAN # 13781
WILMINGTON, DE

HOUR (LST)	≤ 12K FEET		SATELLITE > 12K FT				VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES,HG)	
	CEILOMETER TENTHS	CEILING 100'S OF FT	OBSERVATION TIME(LST)	EFF CLD AMT TENTHS	100'S OF FT LOWEST CLOUD TOP	100'S OF FT HIGHEST CLOUD TOP			DRY BULB	DEW POINT	WET BULB		SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL
			SUNRISE: 0714					**DEC 13**			**SUNSET: 1639**					
01	10	65					10.00		22	12	19	65	6	36	30.41	30.50
04		60					10.00		23	10	20	57	5	36	30.42	30.51
07	10	50	0658	7	130	440	10.00		23	10	20	57	3	35	30.46	30.55
10	10	30	0957	5	130	300	10.00		26	11	22	53	6	10	30.47	30.56
13	10	44	1257	7	130	230	10.00		27	14	23	58	5	02	30.44	30.53
16	10	39	1556	4	190	330	10.00		27	14	23	58	8	04	30.42	30.51
19	10	41					10.00		27	12	23	53	6	10	30.42	30.51
22	10	27	2157	7	260	330	10.00		27	12	23	53	7	10	30.40	30.49
			SUNRISE: 0715					**DEC 14**			**SUNSET: 1639**					
01	10	17	0058	8	180	300	1.50	SF	24	21	23	88	3	07	30.39	30.48
04	10	22	0358	9	180	260	2.50	SF	25	23	24	92	7	06	30.34	30.43
07	10	5	0658	10	250	300	7.00		27	25	26	92	8	10	30.29	30.38
10	10	14	0957	8	210	300	5.00	F	31	29	30	92	3	15	30.21	30.30
13	10	14	1257	8	150	260	2.50	RF	35	31	33	85	5	06	30.07	30.15
16	10	1	1556	0	NT	NT	.50	F	35	31	33	85	0	00	29.98	30.07
19	10	60					3.00	F	36	30	34	79	8	25	29.98	30.06
22	0	NC	2157	0	NT	NT	2.50	F	34	31	33	89	3	25	29.98	30.07
			SUNRISE: 0716					**DEC 15**			**SUNSET: 1639**					
01	0	NC	0058	5	130	380	.25	F	31	28	30	89	3	26	29.96	30.05
04		1	0358	1	130	230	<.25	F	28	28	28	100	0	00	30.00	30.08
07		NC	0658	7	260	380	1.50	F	28	28	28	100	0	00	30.04	30.11
10		NC	0957	5	190	330	1.00	F	33	32	33	96	0	00	30.10	30.19
13	0	NC	1257	5	150	330	3.50	H	44	31	39	60	3	31	30.09	30.18
16	0	NC	1556	8	230	330	4.00	F	44	31	39	60	3	10	30.10	30.19
19	8	120					5.00	F	41	31	37	68	3	09	30.11	30.20
22	7	NC	2157	5	180	380	7.00		39	30	35	70	6	07	30.07	30.15
			SUNRISE: 0716					**DEC 16**			**SUNSET: 1639**					
01		80	0058	7	210	260	7.00		36	29	33	76	0	00	30.07	30.16
04		60	0358	9	180	300	3.50	R	37	28	34	70	7	04	30.04	30.12
07		23	0658	10	290	440	3.00	R	37	32	35	82	8	04	30.02	30.11
10		7	0957	8	150	260	1.00	SF	32	32	32	100	6	01	30.08	30.17
13		7	1257	3	130	300	7.00		37	31	35	79	6	05	30.02	30.11
16	10	7	1556	0	NT	NT	7.00		38	31	35	76	6	32	30.05	30.14
19	10	9					7.00		37	31	35	79	6	34	30.07	30.16
22	3	NC	2157	0	NT	NT	3.50	F	32	31	32	96	5	30	30.11	30.20
			SUNRISE: 0717					**DEC 17**			**SUNSET: 1640**					
01	10	42	0058	6	130	190	10.00		36	28	33	73	13	32	30.15	30.24
04	0	NC	0358	0	NT	NT	10.00		32	23	29	69	9	33	30.20	30.29
07	0	NC	0658	0	NT	NT	10.00		30	21	27	69	8	32	30.25	30.34
10	0	NC	0957	0	NT	NT	10.00		36	23	31	59	12	32	30.31	30.40
13	0	NC	1256	0	NT	NT	10.00		40	22	33	49	15	01	30.28	30.37
16	0	NC	1556	0	NT	NT	10.00		38	23	33	55	10	31	30.28	30.37
19	0	NC					10.00		31	22	28	69	7	34	30.31	30.40
22	0	NC					10.00		30	22	27	72	5	28	30.30	30.40
			SUNRISE: 0718					**DEC 18**			**SUNSET: 1640**					
01		NC					7.00		25	21	24	85	7	24	30.28	30.37
04	0	NC					7.00		25	22	24	88	0	00	30.25	30.34
07	0	NC					7.00		28	24	27	85	3	35	30.25	30.34
10	0	NC					7.00		32	25	30	75	0	00	30.24	30.33
13	1	NC					10.00		36	24	32	62	0	00	30.15	30.24
16	10	65	1556	10	200	230	7.00		36	27	33	70	5	20	30.10	30.19
19	10	49					5.00	RF	34	30	33	85	3	30	30.09	30.18
22	10	32	2157	10	130	230	7.00	R	34	30	33	85	0	00	30.05	30.13

HOUR (LST)	≤ 12K FEET		SATELLITE > 12K FT				VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES,HG)	
	CEILOMETER TENTHS	CEILING 100'S OF FT	OBSERVATION TIME(LST)	EFF CLD AMT TENTHS	100'S OF FT LOWEST CLOUD TOP	100'S OF FT HIGHEST CLOUD TOP			DRY BULB	DEW POINT	WET BULB		SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL
			SUNRISE: 0718					**DEC 19**			**SUNSET: 1641**					
01	10	7	0058	10	190	240	3.50	F	33	31	32	92	5	01	30.00	30.09
04		3	0358	6	230	440	3.50	RF	32	31	32	96	8	05	29.91	30.00
07		15	0658	9	300	380	4.00	ZRF	31	29	30	92	16	05	29.86	29.94
10	10	11	0957	9	290	380	3.00	ZRF	29	27	28	92	12	05	29.80	29.89
13	10	8	1256	10	280	310	2.00	ZRF	28	26	27	92	9	06	29.68	29.77
16	10	12	1556	9	260	330	1.00	ZRF	27	25	26	92	10	06	29.52	29.60
19	10	15					5.00	RSF	26	24	25	92	0	00	29.48	29.56
22	10	16	2157	5	130	260	10.00		24	20	23	85	13	04	29.41	29.49
			SUNRISE: 0719					**DEC 20**			**SUNSET: 1641**					
01	10	16	0058	8	210	380	10.00	ZR	25	21	24	85	8	01	29.39	29.47
04	10	41	0358	6	140	440	2.00	SF	23	20	22	88	10	34	29.43	29.51
07	10	27	0658	8	130	130	7.00	S	24	19	22	81	10	33	29.48	29.56
10	10	39	0957	8	130	230	4.00	S	22	17	21	81	14	32	29.57	29.65
13		28	1256	3	130	380	7.00		22	13	19	68	24	32	29.59	29.67
16		NC	1556	1	130	260	10.00		23	12	20	63	18	31	29.61	29.70
19		NC					10.00		22	12	19	65	14	30	29.66	29.75
22	0	NC					10.00		21	11	18	65	16	29	29.70	29.78
			SUNRISE: 0719					**DEC 21**			**SUNSET: 1641**					
01	0	NC					10.00		18	13	17	81	8	25	29.70	29.78
04	0	NC					10.00		20	14	18	78	14	26	29.70	29.78
07	1	NC					10.00		20	14	18	78	14	25	29.70	29.79
10	9	110					10.00		25	18	23	75	13	26	29.70	29.78
13	3	NC					10.00		30	20	27	66	23	28	29.61	29.70
16	6	42	1557	0	NT	NT	10.00		30	18	26	61	22	29	29.61	29.69
19	2	NC					10.00		27	15	23	61	20	27	29.64	29.72
22	5	NC	2158	0	NT	NT	10.00		26	15	23	63	17	29	29.66	29.75
			SUNRISE: 0720					**DEC 22**			**SUNSET: 1642**					
01	0	NC	0058	0	NT	NT	10.00		26	16	23	66	17	29	29.68	29.77
04	0	NC	0357	0	NT	NT	10.00		26	15	23	63	18	30	29.70	29.79
07		NC	0656	0	NT	NT	10.00		24	17	22	75	16	29	29.75	29.84
10		37	0957	0	NT	NT	10.00		28	18	25	66	16	30	29.79	29.88
13		39	1257	1	130	190	10.00		32	19	28	59	18	31	29.79	29.88
16	0	NC	1558	0	NT	NT	10.00		31	17	26	56	21	30	29.80	29.88
19	0	NC					10.00		28	16	24	61	17	29	29.84	29.93
22	0	NC	2158	0	NT	NT	10.00		26	16	23	66	12	29	29.86	29.95
			SUNRISE: 0720					**DEC 23**			**SUNSET: 1642**					
01	0	NC	0057	0	NT	NT	10.00		26	17	23	69	13	28	29.88	29.96
04	10	33	0357	0	NT	NT	10.00		27	20	25	75	8	28	29.86	29.95
07	8	70	0656	0	NT	NT	10.00		25	19	23	78	8	26	29.89	29.97
10	10	65	0957	0	NT	NT	10.00		31	22	28	69	12	31	29.89	29.98
13	10	70	1257	2	130	230	10.00		34	24	30	67	14	31	29.86	29.95
16	10	60	1557	4	150	230	10.00		33	23	30	67	10	31	29.86	29.95
19	10	60					10.00		32	23	29	69	7	28	29.88	29.96
22	10	60	2158	1	130	190	10.00		32	22	29	67	14	31	29.86	29.95
			SUNRISE: 0721					**DEC 24**			**SUNSET: 1643**					
01	10	70	0057	3	130	230	10.00		30	21	27	69	14	30	29.86	29.94
04	10	55	0356	6	130	440	10.00		29	20	26	69	14	29	29.84	29.92
07	10	41	0656	5	130	230	10.00		28	20	25	72	14	29	29.86	29.94
10	9	50	0956	0	NT	NT	10.00		30	20	27	66	18	30	29.86	29.95
13	1	NC	1257	0	NT	NT	10.00		33	21	29	61	18	31	29.80	29.89
16	10	48	1557	0	NT	NT	10.00		33	19	28	56	14	30	29.80	29.89
19	10	50					10.00		32	21	28	64	13	29	29.86	29.94
22	10	38	2158	2	130	380	10.00		32	21	28	64	10	28	29.86	29.95

OBSERVATIONS AT 3-HOURLY INTERVALS

DECEMBER 1995 WBAN # 13781
WILMINGTON, DE

HOUR (LST)	≤ 12K FEET: CEILOMETER TENTHS	≤ 12K FEET: CEILING 100'S OF FT	SATELLITE > 12K FT: OBSERVATION TIME (LST)	SATELLITE > 12K FT: EFF CLD AMT TENTHS	SATELLITE > 12K FT: 100'S OF FT: LOWEST CLOUD TOP	SATELLITE > 12K FT: 100'S OF FT: HIGHEST CLOUD TOP	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F: DRY BULB	TEMPERATURE °F: DEW POINT	TEMPERATURE °F: WET BULB	RELATIVE HUMIDITY (PCT)	WIND: SPEED (MPH)	WIND: DIRECTION TENS OF DEG	PRESSURE (INCHES,HG): STATION	PRESSURE (INCHES,HG): SEA LEVEL
			SUNRISE: 0721					**DEC 25**			**SUNSET: 1644**					
01	10	46	0057	2	130	210	10.00		31	18	27	59	15	29	29.86	29.94
04	10	46	0356	1	130	330	10.00		31	20	27	64	12	28	29.86	29.95
07	10	44	0656	2	130	440	10.00		29	17	25	61	9	29	29.88	29.96
10	10	46	0956	5	130	260	10.00		30	18	26	61	15	31	29.86	29.94
13	8	41	1257	7	180	460	10.00		30	22	27	72	15	30	29.79	29.87
16	10	100	1557	7	150	300	10.00		31	19	27	61	15	28	29.75	29.83
19	5	NC					10.00		28	21	26	75	8	28	29.73	29.83
22	2	NC	2158	0	NT	NT	10.00		27	20	25	75	10	27	29.73	29.82
			SUNRISE: 0722					**DEC 26**			**SUNSET: 1644**					
01	2	NC	0057	0	NT	NT	10.00		25	18	23	75	8	28	29.71	29.80
04		NC	0358	0	NT	NT	10.00		26	17	23	69	13	30	29.73	29.81
07		NC	0657	0	NT	NT	10.00		25	12	21	58	20	30	29.73	29.82
10		NC	0957	0	NT	NT	10.00		27	11	22	51	28	31	29.75	29.84
13		NC	1257	0	NT	NT	10.00		29	12	24	49	25	31	29.71	29.80
16		NC	1557	0	NT	NT	10.00		27	10	22	49	21	31	29.73	29.82
19	0	NC					10.00		24	9	20	53	12	29	29.77	29.85
22	0	NC	2158	0	NT	NT	10.00		23	9	19	55	14	28	29.77	29.85
			SUNRISE: 0722					**DEC 27**			**SUNSET: 1645**					
01	0	NC	0057	0	NT	NT	10.00		22	10	19	60	13	28	29.73	29.83
04	0	NC	0358	0	NT	NT	10.00		21	11	18	65	17	29	29.71	29.80
07	0	NC	0656	0	NT	NT	10.00		21	10	18	62	17	28	29.75	29.83
10	0	NC	0957	0	NT	NT	10.00		25	11	21	55	23	30	29.75	29.84
13	2	NC	1257	0	NT	NT	10.00		28	13	24	53	21	30	29.77	29.85
16	9	75	1558	5	130	330	10.00		30	15	25	54	23	31	29.77	29.86
19	10	110					10.00		29	17	25	61	13	30	29.82	29.91
22	9	65	2158	0	NT	NT	10.00		29	18	25	64	14	31	29.88	29.96
			SUNRISE: 0722					**DEC 28**			**SUNSET: 1646**					
01	10	90	0057	2	130	210	10.00		29	20	26	69	10	32	29.91	29.98
04		110	0357	2	130	230	10.00		28	20	25	72	9	32	29.93	30.02
07		NC	0656	0	NT	NT	10.00		28	19	25	69	10	32	29.98	30.07
10		NC	0957	0	NT	NT	10.00		31	20	27	64	12	33	30.02	30.11
13	0	NC	1257	0	NT	NT	10.00		34	22	30	62	16	31	30.00	30.09
16	6	25	1557	0	NT	NT	10.00		31	22	28	69	16	32	30.05	30.13
19	3	NC					10.00		30	21	27	69	12	32	30.10	30.19
22	0	NC	2158	0	NT	NT	10.00		26	19	24	75	5	31	30.13	30.22
			SUNRISE: 0723					**DEC 29**			**SUNSET: 1646**					
01		NC	0057	0	NT	NT	10.00		28	20	25	72	7	33	30.15	30.24
04		NC	0357	1	130	260	10.00		25	18	23	75	9	30	30.20	30.29
07		NC	0656	0	NT	NT	10.00		26	19	24	75	10	31	30.24	30.34
10		NC	0957	0	NT	NT	10.00		31	21	28	67	15	30	30.29	30.38
13		NC	1257	0	NT	NT	10.00		35	20	30	54	16	32	30.25	30.34
16		NC	1557	0	NT	NT	10.00		36	18	30	48	10	30	30.25	30.35
19		NC					10.00		32	16	27	52	9	27	30.29	30.38
22		NC					10.00		29	17	25	61	6	28	30.30	30.39
			SUNRISE: 0723					**DEC 30**			**SUNSET: 1647**					
01		NC					10.00		24	17	22	75	5	29	30.29	30.38
04		NC					10.00		25	15	22	66	3	31	30.30	30.39
07		NC					10.00		20	16	19	84	0	00	30.29	30.38
10		NC					10.00		30	19	26	64	6	27	30.29	30.38
13		NC					10.00		41	21	34	45	7	23	30.19	30.29
16		NC					10.00		39	24	33	55	6	22	30.15	30.24
19		NC					10.00		34	24	30	67	6	23	30.15	30.24
22		NC					10.00		33	24	30	70	0	00	30.12	30.22

HOUR (LST)	≤ 12K FEET: CEILOMETER TENTHS	≤ 12K FEET: CEILING 100'S OF FT	SATELLITE > 12K FT: OBSERVATION TIME (LST)	SATELLITE > 12K FT: EFF CLD AMT TENTHS	SATELLITE > 12K FT: 100'S OF FT: LOWEST CLOUD TOP	SATELLITE > 12K FT: 100'S OF FT: HIGHEST CLOUD TOP	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F: DRY BULB	TEMPERATURE °F: DEW POINT	TEMPERATURE °F: WET BULB	RELATIVE HUMIDITY (PCT)	WIND: SPEED (MPH)	WIND: DIRECTION TENS OF DEG	PRESSURE (INCHES,HG): STATION	PRESSURE (INCHES,HG): SEA LEVEL
			SUNRISE: 0723					**DEC 31**			**SUNSET: 1648**					
01		NC					7.00		31	24	29	75	5	19	30.09	30.18
04		NC	0357	10	250	330	5.00	F	28	25	27	89	3	35	30.05	30.14
07		NC	0656	2	130	150	5.00	F	26	24	25	92	3	35	30.02	30.11
10		NC	0957	4	150	460	4.00	H	35	28	32	76	0	00	29.98	30.07
13		NC	1257	0	NT	NT	10.00		45	23	37	42	6	10	29.93	30.01
16		100	1557	10	250	260	10.00		44	25	37	47	0	00	29.88	29.96
19		100					7.00		37	30	34	76	5	20	29.88	29.96
22		50					5.00	R	36	30	34	79	5	33	29.84	29.93

HOURLY SUMMARY NOTES

CEILING IS REPORTED IN HUNDREDS OF FEET (ABOVE GROUND LEVEL) FOR CLOUDS AT OR BELOW 12,000 FEET.
CLOUD TOPS ARE REPORTED IN HUNDREDS OF FEET (ABOVE MEAN SEA LEVEL) FOR CLOUDS ABOVE 12,000 FEET.
NC = A CEILING WAS NOT DETECTED AT OR BELOW 12,000 FEET.
NT = CLOUD TOPS WERE NOT DETECTED ABOVE 12,000 FEET.
SEE PAGE 3 FOR ADDITIONAL NOTES.

SUMMARY BY HOURS

HOUR (LST)	AVERAGES: CEILOMETER	AVERAGES: EFF CLD AMT	AVERAGES: DRY BULB	AVERAGES: DEW POINT	AVERAGES: WET BULB	AVERAGES: RELATIVE HUMIDITY	AVERAGES: PRESSURE (INCHES,HG): STATION	AVERAGES: PRESSURE (INCHES,HG): SEA LEVEL	AVERAGES: VISIBILITY (MILES)	AVERAGES: WIND SPEED (MPH)	RESULTANT WIND (MPH): SPEED	RESULTANT WIND (MPH): DIRECTION
01	5	4	30	20	26	67	29.99	30.08	8.81	9	6	29
02	5	4	30	19	26	68	29.99	30.08	8.56	9	6	30
03	5	3	29	19	26	67	30.00	30.08	8.36	8	6	30
04	5	4	29	19	26	69	29.99	30.08	8.03	9	6	30
05	5	4	29	19	26	70	29.99	30.08	8.02	9	6	30
06	4	4	28	20	25	72	30.00	30.09	8.25	8	5	30
07	5	4	28	25	19	72	30.01	30.10	8.40	9	6	30
08	5	5	28	19	26	71	30.02	30.10	8.12	9	6	31
09	5	4	30	20	27	68	30.02	30.11	8.20	11	8	31
10	5	4	31	20	28	65	30.03	30.12	8.31	12	9	31
11	4	3	33	21	29	63	30.02	30.10	8.65	12	9	31
12	4	3	35	21	30	59	29.99	30.08	8.87	13	10	30
13	3	3	35	21	30	57	29.97	30.06	8.87	13	9	31
14	4	3	36	21	31	56	29.96	30.05	9.25	13	10	30
15	5	4	36	21	31	55	29.95	30.04	9.03	13	10	30
16	5	3	35	21	30	57	29.96	30.05	9.02	11	8	30
17	5	3	34	21	29	60	29.96	30.05	9.04	9	7	29
18	5	3	33	21	29	63	29.98	30.06	8.97	8	6	29
19	5		32	21	29	63	29.98	30.07	8.94	8	6	29
20	5	3	32	21	28	64	29.99	30.08	8.85	7	5	28
21	4	3	31	21	28	66	29.99	30.08	8.87	7	5	28
22	4	2	31	20	27	66	29.99	30.08	9.00	7	5	29
23	5	3	30	20	27	67	30.00	30.08	9.08	7	5	29
24	5	4	30	20	27	67	29.99	30.08	8.83	8	6	30

SUPPLEMENTARY HOURLY PRECIPITATION

UNIVERSAL RAIN GAUGE (WATER EQUIVALENT IN INCHES)

DECEMBER 1995
WILMINGTON, DE

LATITUDE 39° 40'N
LONGITUDE 75° 36'W

DATE	A.M. HOUR (L.S.T.) ENDING AT												DATE	P.M. HOUR (L.S.T.) ENDING AT											DATE	DAILY TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12		1	2	3	4	5	6	7	8	9	10	11	12		
01													01													01	0.00
02													02													02	0.00
03													03													03	0.00
04													04													04	0.00
05													05										0.04			05	0.04
06	0.01												06													06	0.01
07													07													07	0.00
08													08													08	0.00
09					0.03	0.04	0.04	0.04	0.05	0.05	0.09	0.05	09	0.02	T	0.01	T									09	0.42
10													10													10	0.00
11													11													11	0.00
12													12													12	0.00
13													13													13	0.00
14		0.02	0.04	0.04	0.01								14		0.01	0.02			0.01							14	0.15
15													15													15	0.00
16				0.04	0.05	0.08	0.12	0.15	0.12	0.05	0.06		16													16	0.67
17													17													17	0.00
18													18							T	0.01	0.01	0.01	0.01	T	18	0.04
19			0.02	0.02	0.03	0.03	0.02	0.01	0.03	0.01	0.01	0.01	19		0.01	0.08	0.09	0.16	0.22	0.08	0.03	0.01				19	0.87
20		0.03	0.01	0.01									20										0.02			20	0.07
21													21													21	0.00
22													22													22	0.00
23													23													23	0.00
24													24													24	0.00
25													25													25	0.00
26													26													26	0.00
27													27													27	0.00
28													28													28	0.00
29													29													29	0.00
30													30													30	0.00
31													31													31	0.00

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MONTHLY TOTAL 2.27

SUPPLEMENTARY MAXIMUM SHORT DURATION PRECIPITATION (MSDP)

TIME PERIOD (MINUTES)	5	10	15	20	30	45	60	80	100	120	150	180
PRECIPITATION (INCHES)	0.04	0.06	0.09	0.11	0.14	0.20	0.23	0.29	0.35	0.39	0.43	0.48
ENDED: DATE	19	19	19	19	19	19	19	19	19	19	19	19
ENDED: TIME	1734	1737	1732	1737	1745	1752	1758	1737	1758	1816	1822	1858

The time indicated is the ending time of the interval.
Date and time are not entered for trace amounts.

The National Weather Service has determined that the ASOS Heated Tipping-Bucket (HTB) rain gauge may not measure water equivalent precipitation accurately during frozen precipitation events. Precipitation data from a nearby site is provided on this page to supplement the ASOS HTB data.
M = Missing Data.
USCOM - NOAA - ASHEVILLE, NC 225

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