MAR 1994
WILMINGTON, DE
NAT'L WEA SER OFC
AIRPORT TERMINAL BLDG

ISSN # 0198-117X

INQUIRIES/COMMENTS CALL
(704) 271-4800 VOICE
271-4010 TDD/271-4876 FAX

LOCAL CLIMATOLOGICAL DATA

MONTHLY SUMMARY

GREATER WILMINGTON AIRPORT

LATITUDE 39° 40'N LONGITUDE 75° 36'W ELEVATION (GROUND) 74 FEET TIME ZONE EASTERN 13781

DATE	TEMPERATURE °F: MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	AVERAGE DEW POINT	DEGREE DAYS BASE 65 °F: HEATING	COOLING	WEATHER TYPES (1 FOG, 2 HEAVY FOG, 3 THUNDERSTORMS, 4 ICE PELLETS, 5 HAIL, 6 GLAZE, 7 DUSTSTORM, 8 SMOKE,HAZE, 9 BLOWING SNOW)	SNOW/ICE ON GRD AT 0700 (IN.)	PRECIPITATION (INCHES): WATER EQUIVALENT	SNOW ICE PELLETS	AVERAGE STATION PRESSURE (INCHES OF Hg) ELEV. 80 (FT.MSL)	WIND (M.P.H.): RESULTANT DIR	RESULTANT SPEED	AVERAGE SPEED	PEAK GUST: SPEED	DIR	FASTEST 1-MIN: SPEED	DIR	SUNSHINE: MINUTES	PERCENT POSSIBLE	SKY COVER TENTHS: SUNRISE TO SUNSET	MIDNIGHT TO MIDNIGHT
1	2	3	4	5	6	7A	7B	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
01	37	24	31	-7	21	34	0		0	0.01	T	30.310	18	1.5	2.7	10	SW	8	20			10	9
02	35	29	32	-6	30	33	0	1 4 6	T	1.32	2.8	29.920	06	15.2	15.4			29	06			10	10
03	39	33	36	-2	31	29	0	1 4	2	0.24	0.3	29.225	02	17.4	21.5	51	NE	32	05			10	9
04	49	33	41	2	26	24	0	1	3	0.01	0.0	29.410	30	7.2	8.7	28	NW	20	33			8	5
05	47	34	41	2	29	24	0		2	0.00	0.0	29.740	30	11.0	12.0	35	NW	22	32			4	4
06	43	27	35	-4	25	30	0		0	T	T	30.160	12	2.3	5.8	16	SE	10	14			9	6
07	61	33	47	7	32	18	0		0	T	0.0	30.020	13	1.7	4.6	28	NW	13	32			8	8
08	49	39	44	4	37	21	0	1 8	0	0.17	0.0	29.970	31	5.8	6.2	30	NW	16	34			10	10
09	40	32	36	-4	25	29	0	1 6	T	0.45	T	30.190	04	10.0	11.3	23	E	16	03			10	10
10	44	34	39	-2	35	26	0	2	0	1.22	0.0	29.770	33	8.0	9.1	30	NW	21	35			10	10
11	45	34	40	-1	23	25	0		0	0.00	0.0	30.120	34	16.1	16.4	33	N	24	35			4	4
12	48	26	37	-5	22	28	0		0	0.00	0.0	30.445	24	0.3	5.9	16	NW	10	36			0	1
13	57	32	45	3	34	20	0		0	T	0.0	30.110	19	6.9	7.5	21	SW	15	22			9	8
14	55	34	45	3	35	20	0	8	0	0.00	0.0	29.790	32	5.4	6.2	21	NW	14	32			6	7
15	57	37	47	4	39	18	0	1 8	0	0.07	0.0	29.550	24	2.2	7.0	18	NW	13	25			5	6
16	44	26	35	-8	23	30	0		0	0.00	0.0	29.530	30	16.4	16.9	38	NW	26	33			6	5
17	38	22*	30*	-13	12	35	0		0	0.00	0.0	29.680	31	18.4	18.8	40	NW	28	31			1	3
18	37	29	33	-10	28	32	0	1 4	0	0.08	0.3	29.450	21	1.6	6.4	21	S	14	16			10	9
19	46	31	39	-5	24	26	0		0	0.00	0.0	29.610	30	15.5	17.0	38	NW	24	31			0	2
20	51	32	42	-2	25	23	0		0	0.00	0.0	29.775	31	10.0	11.6	33	NW	21	33			0	0
21	45	30	38	-6	35	27	0	1	0	1.13	0.0	29.820	11	3.6	5.6	18	SE	13	15			10	8
22	57	39	48	3	33	17	0	1	0	T	0.0	29.725	31	14.0	15.6	43	NW	26	31			0	2
23	78*	38	58	13	34	7	0		0	0.00	0.0	29.800	25	5.5	7.2	21	W	14	21			5	6
24	75	43	59*	14	44	6	0		0	0.00	0.0	29.740	20	3.3	3.7	18	S	13	20			10	8
25	60	36	48	2	40	17	0	1	0	0.17	0.0	29.730	33	11.3	11.8	31	NW	22	32			9	8
26	53	33	43	-3	26	22	0		0	0.00	0.0	30.060	01	0.8	8.5	23	N	16	35			7	7
27	52	40	46	0	45	19	0	1 4	0	0.66	T	29.790	13	4.4	7.0	23	S	13	18			10	10
28	55	45	50	3	49	15	0	2	0	1.28	0.0	29.710	36	7.4	8.2	20	N	16	34			10	10
29	50	39	45	-2	40	20	0	1	0	0.54	0.0	29.920	34	8.1	10.5	21	NW	16	36			9	8
30	52	37	45	-2	29	20	0		0	0.00	0.0	30.220	28	9.0	9.6	28	NW	20	30			3	2
31	57	33	45	-2	36	20	0	8	0	0.01	0.0	30.140	16	2.4	5.7	15	S	10	17			10	9
	SUM	SUM				TOTAL	TOTAL	NUMBER OF DAYS		TOTAL	TOTAL	FOR THE MONTH :								TOTAL	% FOR MONTH	SUM	SUM
	1556	1034				715	0			7.36	3.4	29.850	33	4.7	9.8	51	NE	32	05			213	204
	AVG.	AVG.	AVG.	DEP.	AVG.	DEP.	DEP.	PRECIPITATION ≥ .01 INCH	15	DEP.						DATE: 3		DATE: 3		POSS		AVG	AVG
	50.2	33.4	41.8	-0.9	31.2	24	0			3.93												6.9	6.6

NUMBER OF DAYS				SEASON TO DATE				GREATEST IN 24 HOURS AND DATES				GREATEST DEPTH ON GROUND OF SNOW, ICE PELLETS OR ICE AND DATE	
MAXIMUM TEMP.		MINIMUM TEMP.		TOTAL	TOTAL	SNOW, ICE PELLETS ≥ 1.0 INCH	1	PRECIPITATION		SNOW, ICE PELLETS			
≥ 90°	≤ 32°	≤ 32°	≤ 0°	4583	0	THUNDERSTORMS	0	1.65	09-10	2.8	01-02	3	04+
0	0	12	0	DEP.	DEP.	HEAVY FOG	2						
				152	0	CLEAR 6	PARTLY CLOUDY 7	CLOUDY 18					

* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE.
T TRACE AMOUNT.
+ ALSO ON EARLIER DATE(S).
HEAVY FOG: VISIBILITY 1/4 MILE OR LESS.
BLANK ENTRIES DENOTE MISSING OR UNREPORTED DATA.

DATA IN COLS 6 AND 12-15 ARE BASED ON 21 OR MORE OBSERVATIONS AT HOURLY INTERVALS. RESULTANT WIND IS THE VECTOR SUM OF WIND SPEEDS AND DIRECTIONS DIVIDED BY THE NUMBER OF OBSERVATIONS.
COLS 16 & 17 : PEAK GUST - HIGHEST INSTANTANEOUS WIND SPEED.
ONE OF TWO WINDS IS GIVEN UNDER COLS 18 & 19 : FASTEST MILE- HIGHEST RECORDED SPEED FOR WHICH A MILE OF WIND PASSES STATION (DIRECTIONIN COMPASS POINTS). FASTEST OBSERVED ONE MINUTE WIND - HIGHEST ONE MINUTE SPEED (DIRECTION IN TENS OF DEGREES).
ERRORS WILL BE CORRECTED IN SUBSEQUENT PUBLICATIONS.

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONALOCEANIC AND ATMOSPHERIC ADMINISTRATION, AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATICDATA CENTER.

Kenneth D Hadeen
DIRECTOR
NATIONAL CLIMATIC DATA CENTER

noaa NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL ENVIRONMENTAL SATELLITE, DATA, AND INFORMATION SERVICE
NATIONAL CLIMATIC DATA CENTER ASHEVILLE, NORTH CAROLINA

MAR 1994
WILMINGTON, DE

OBSERVATIONS AT 3-HOUR INTERVALS

MAR 01

HOUR L.S.T.	SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	VISIBILITY WHOLE MILES	VISIBILITY 16THS MILE	WEATHER	TEMPERATURE AIR °F	TEMPERATURE WET BULB °F	TEMPERATURE DEW POINT °F	REL HUMIDITY %	WIND DIRECTION	WIND SPEED (KNOTS)
01	1	UNL	12			27	23	12	53	24	3
04	8	UNL	15			25	22	15	66	35	3
07	10	80	15			27	24	17	66	00	0
10	10	50	15			33	27	12	42	18	3
13	10	23	12		S	35	30	20	54	21	4
16	10	24	2		S	31	30	28	89	15	5
19	10	200	9			30	29	27	89	18	3
22	10	200	9			29	29	28	96	00	0

MAR 02

HOUR L.S.T.	SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	VISIBILITY WHOLE MILES	VISIBILITY 16THS MILE	WEATHER	TEMPERATURE AIR °F	TEMPERATURE WET BULB °F	TEMPERATURE DEW POINT °F	REL HUMIDITY %	WIND DIRECTION	WIND SPEED (KNOTS)
01	10	120	4		F	30	29	28	92	08	4
04	10	75	5		F	31	30	28	89	07	8
07	10	27	2		S	31	30	27	85	07	12
10	10	15	1		S	30	30	29	96	07	13
13	10	15	3		IP	33	32	31	92	06	14
16	10	12	2	8	ZRIPF	33	32	31	92	06	15
19	10	9	2	8	RIPF	34	33	32	92	06	15
22	10	6	2		ZRIPF	33	33	32	96	05	15

MAR 03

HOUR L.S.T.	SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	VISIBILITY WHOLE MILES	VISIBILITY 16THS MILE	WEATHER	TEMPERATURE AIR °F	TEMPERATURE WET BULB °F	TEMPERATURE DEW POINT °F	REL HUMIDITY	WIND DIRECTION	WIND SPEED (KNOTS)
01	10	9	3		RF	35	34	33	92	05	24
04	10	29	10		R	36	35	33	89	05	28
07	10	15	5		R	36	35	33	89	05	24
10	10	9	2	8	L	36	35	33	89	04	17
13	10	9	4		LF	34	33	31	89	36	18
16	10	17	5		IPS	34	32	30	85	34	16
19	10	85	15			38	35	31	76	34	11
22	10	31	15			38	35	30	73	32	15

MAR 04

HOUR L.S.T.	SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	VISIBILITY WHOLE MILES	VISIBILITY 16THS MILE	WEATHER	TEMPERATURE AIR °F	TEMPERATURE WET BULB °F	TEMPERATURE DEW POINT °F	REL HUMIDITY %	WIND DIRECTION	WIND SPEED (KNOTS)
01	0	UNL	15			38	31	17	43	33	17
04	0	UNL	15			36	29	16	44	32	13
07	2	UNL	15			33	28	19	56	28	7
10	10	32	15			40	34	25	55	24	5
13	10	39	12			43	38	31	63	23	3
16	10	36	8			44	39	32	63	35	8
19	10	80	8			39	37	33	79	29	6
22	0	UNL	8			39	37	33	79	32	9

MAR 05

HOUR L.S.T.	SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	VISIBILITY WHOLE MILES	VISIBILITY 16THS MILE	WEATHER	TEMPERATURE AIR °F	TEMPERATURE WET BULB °F	TEMPERATURE DEW POINT °F	REL HUMIDITY %	WIND DIRECTION	WIND SPEED (KNOTS)
01	0	UNL	15			38	35	31	76	29	7
04	10	50	10			39	37	33	79	27	8
07	1	UNL	8			37	35	31	79	30	8
10	7	65	15			44	39	31	60	31	16
13	7	55	15			45	39	30	56	30	16
16	0	UNL	15			47	39	28	48	32	19
19	0	UNL	15			40	35	27	60	29	6
22	0	UNL	15			37	33	27	67	33	10

MAR 06

HOUR L.S.T.	SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	VISIBILITY WHOLE MILES	VISIBILITY 16THS MILE	WEATHER	TEMPERATURE AIR °F	TEMPERATURE WET BULB °F	TEMPERATURE DEW POINT °F	REL HUMIDITY	WIND DIRECTION	WIND SPEED (KNOTS)
01	0	UNL	15			34	30	21	59	00	0
04	1	UNL	15			31	28	21	67	01	7
07	3	UNL	15			29	26	21	72	30	4
10	10	200	15			39	33	21	49	09	7
13	10	200	15			40	33	22	49	14	5
16	10	90	15			39	34	25	57	16	6
19	7	110	15			37	35	31	79	15	8
22	10	95	15			37	35	31	79	14	7

MAR 07

HOUR L.S.T.	SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	VISIBILITY WHOLE MILES	VISIBILITY 16THS MILE	WEATHER	TEMPERATURE AIR °F	TEMPERATURE WET BULB °F	TEMPERATURE DEW POINT °F	REL HUMIDITY %	WIND DIRECTION	WIND SPEED (KNOTS)
01	0	UNL	15			34	33	31	89	08	3
04	4	UNL	8			34	33	31	89	07	4
07	9	120	7			35	34	33	92	08	4
10	8	UNL	7			47	41	33	58	15	3
13	5	UNL	10			54	45	33	45	19	6
16	10	UNL	10			59	47	33	38	14	4
19	10	250	10			50	42	32	50	00	0
22	10	250	10			49	40	28	44	00	0

MAR 08

HOUR L.S.T.	SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	VISIBILITY WHOLE MILES	VISIBILITY 16THS MILE	WEATHER	TEMPERATURE AIR °F	TEMPERATURE WET BULB °F	TEMPERATURE DEW POINT °F	REL HUMIDITY %	WIND DIRECTION	WIND SPEED (KNOTS)
01	10	45	4				38		52	00	0
04	10	75	2	8			38		63	29	3
07	10	35	1	8	F	43	42	41	93	28	3
10	10	28	1	8	F	46	45	43	89	00	0
13	10	22	3		F	49	46	43	80	33	9
16	10	34	3		RF	45	43	40	83	31	7
19	10	50	3		F	42	41	40	93	32	6
22	10	75	8			42	37	30	63	32	7

MAR 09

HOUR L.S.T.	SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	VISIBILITY WHOLE MILES	VISIBILITY 16THS MILE	WEATHER	TEMPERATURE AIR °F	TEMPERATURE WET BULB °F	TEMPERATURE DEW POINT °F	REL HUMIDITY	WIND DIRECTION	WIND SPEED (KNOTS)
01	10	90	12			39	33	24	55	32	9
04	10	80	12		S	36	30	18	48	03	14
07	10	70	12		S	34	28	17	50	02	12
10	10	60	10		R	33	30	23	67	06	10
13	10	45	12			32	30	27	82	07	11
16	10	30	12			33	32	30	89	09	6
19	10	4	2	8	ZLF	32	32	31	96	03	8
22	10	7	2	8	RF	34	34	33	96	03	10

MAR 10

HOUR L.S.T.	SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	VISIBILITY WHOLE MILES	VISIBILITY 16THS MILE	WEATHER	TEMPERATURE AIR °F	TEMPERATURE WET BULB °F	TEMPERATURE DEW POINT °F	REL HUMIDITY %	WIND DIRECTION	WIND SPEED (KNOTS)
01	10	3	3		RF	35	35	34	96	08	6
04	10	1	0	8	RF	35	35	35	100	00	0
07	10	8	2	8	RF	36	36	36	100	30	8
10	10	13	1		RF	39	39	39	100	30	4
13	10	70	7			42	41	40	93	31	9
16	10	44	12			44	41	38	80	31	9
19	10	31	12			41	37	32	70	33	11
22	10	31	12			39	36	31	73	32	14

MAR 11

HOUR L.S.T.	SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	VISIBILITY WHOLE MILES	VISIBILITY 16THS MILE	WEATHER	TEMPERATURE AIR °F	TEMPERATURE WET BULB °F	TEMPERATURE DEW POINT °F	REL HUMIDITY %	WIND DIRECTION	WIND SPEED (KNOTS)
01	10	35	12			37	33	27	67	35	14
04	10	40	10			36	32	25	64	33	11
07	10	42	10			36	32	25	64	34	13
10	6	41	15			40	34	25	55	35	15
13	1	UNL	15			44	36	24	45	34	20
16	0	UNL	15			43	36	24	47	32	17
19	0	UNL	15			38	32	21	50	33	10
22	0	UNL	15			37	31	19	48	34	13

MAR 12

HOUR L.S.T.	SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	VISIBILITY WHOLE MILES	VISIBILITY 16THS MILE	WEATHER	TEMPERATURE AIR °F	TEMPERATURE WET BULB °F	TEMPERATURE DEW POINT °F	REL HUMIDITY	WIND DIRECTION	WIND SPEED (KNOTS)
01	0	UNL	15			32	28	19	59	33	7
04	0	UNL	15			31	27	18	59	35	5
07	0	UNL	15			30	26	18	61	02	3
10	0	UNL	15			40	33	19	43	36	4
13	0	UNL	15			44	36	24	45	20	5
16	0	UNL	15			46	37	22	39	21	5
19	1	UNL	15			39	34	25	57	15	4
22	0	UNL	15			36	34	32	85	15	6

MAR 13

HOUR L.S.T.	SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	VISIBILITY WHOLE MILES	VISIBILITY 16THS MILE	WEATHER	TEMPERATURE AIR °F	TEMPERATURE WET BULB °F	TEMPERATURE DEW POINT °F	REL HUMIDITY %	WIND DIRECTION	WIND SPEED (KNOTS)
01	3	UNL	15			34	32	28	79	19	3
04	0	UNL	15			33	32	30	89	17	3
07	6	UNL	15			33	32	30	89	17	4
10	10	UNL	15			44	40	34	68	20	11
13	10	UNL	15			56	46	35	45	22	13
16	10	200	15			55	46	35	47	21	12
19	10	85	15			47	43	37	68	16	5
22	10	55	12		R	46	42	36	68	17	7

MAR 14

HOUR L.S.T.	SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	VISIBILITY WHOLE MILES	VISIBILITY 16THS MILE	WEATHER	TEMPERATURE AIR °F	TEMPERATURE WET BULB °F	TEMPERATURE DEW POINT °F	REL HUMIDITY %	WIND DIRECTION	WIND SPEED (KNOTS)
01	10	80	12			44	41	37	77	00	0
04	10	250	12			40	38	35	82	00	0
07	8	UNL	7			36	35	34	93	31	4
10	10	37	7			48	43	38	69	32	12
13	8	33	12			54	46	35	49	33	7
16	5	UNL	9			53	46	37	55	32	10
19	5	UNL	9			43	38	32	65	31	5
22	10	UNL	10			39	36	32	76	29	4

MAR 15

HOUR L.S.T.	SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	VISIBILITY WHOLE MILES	VISIBILITY 16THS MILE	WEATHER	TEMPERATURE AIR °F	TEMPERATURE WET BULB °F	TEMPERATURE DEW POINT °F	REL HUMIDITY	WIND DIRECTION	WIND SPEED (KNOTS)
01	7	110	10			37	35	33	86	27	3
04	10	70	10			41	38	33	73	00	0
07	5	UNL	6		H	40	38	36	86	15	7
10	1	UNL	12			51	44	35	55	16	8
13	10	60	7		R	54	48	41	62	22	8
16	3	UNL	10			54	50	47	77	24	7
19	6	65	10			50	47	44	80	34	8
22	2	UNL	10			45	43	41	86	35	6

MAR 16

HOUR L.S.T.	SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	VISIBILITY WHOLE MILES	VISIBILITY 16THS MILE	WEATHER	TEMPERATURE AIR °F	TEMPERATURE WET BULB °F	TEMPERATURE DEW POINT °F	REL HUMIDITY %	WIND DIRECTION	WIND SPEED (KNOTS)
01	0	UNL	10			41	38	35	79	31	7
04	1	UNL	10			39	37	34	82	26	6
07	4	UNL	15			40	36	31	70	28	8
10	6	60	15			39	34	27	62	30	20
13	10	50	15			37	32	23	57	32	20
16	8	50	15			36	31	22	57	31	18
19	3	UNL	15			31	25	10	41	31	20
22	6	75	15			27	22	9	47	29	12

MAR 17

HOUR L.S.T.	SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	VISIBILITY WHOLE MILES	VISIBILITY 16THS MILE	WEATHER	TEMPERATURE AIR °F	TEMPERATURE WET BULB °F	TEMPERATURE DEW POINT °F	REL HUMIDITY %	WIND DIRECTION	WIND SPEED (KNOTS)
01	8	85	15			25	21	10	53	31	18
04	8	43	15			23	19	8	53	33	16
07	7	45	15			23	19	8	53	31	16
10	0	UNL	15			30	25	12	47	31	23
13	0	UNL	20			36	29	15	42	30	21
16	0	UNL	20			38	30	14	37	31	22
19	2	UNL	20			33	27	15	48	29	12
22	0	UNL	15			30	25	15	54	31	7

MAR 18

HOUR L.S.T.	SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	VISIBILITY WHOLE MILES	VISIBILITY 16THS MILE	WEATHER	TEMPERATURE AIR °F	TEMPERATURE WET BULB °F	TEMPERATURE DEW POINT °F	REL HUMIDITY	WIND DIRECTION	WIND SPEED (KNOTS)
01	10	200	15			30	26	17	58	27	4
04	10	100	15			31	27	18	59	00	0
07	10	100	15			33	29	20	59	22	6
10	10	15	0	12	SF	33	32	31	92	15	6
13	10	15	2		SF	34	34	33	96	13	10
16	10	22	8		R	36	35	34	93	13	3
19	9	80	4		F	35	35	35	100	29	6
22	10	55	6		F	35	35	34	96	27	4

MAXIMUM SHORT DURATION PRECIPITATION

TIME PERIOD (MINUTES)	5	10	15	20	30	45	60	80	100	120	150	180
PRECIPITATION (INCHES)	0.07	0.14	0.18	0.22	0.28	0.33	0.38	0.42	0.45	0.50	0.60	0.66
ENDED: DATE	10	10	10	10	10	10	10	28	28	21	21	21
ENDED: TIME (LST)	0900	0900	0904	0910	0919	0931	0948	0232	0246	2059	2126	2131

THE PRECIPITATION AMOUNTS FOR THE INDICATED TIME INTERVALS MAY OCCUR AT ANY TIME DURING THE MONTH. THE TIME INDICATED IS THE ENDING TIME OF THE INTERVAL. DATE AND TIME ARE NOT ENTERED FOR TRACE AMOUNTS.

OBSERVATIONS AT 3-HOUR INTERVALS

MAR 1994 13781
WILMINGTON, DE

MAR 19

HOUR L.S.T.	SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	VISIBILITY WHOLE MILES	VISIBILITY 16THS MILE	WEATHER	TEMPERATURE AIR °F	TEMPERATURE WET BULB °F	TEMPERATURE DEW POINT °F	REL HUMIDITY %	WIND DIRECTION	WIND SPEED (KNOTS)
01	10	40	8			37	35	32	82	34	11
04	3	UNL	15			33	29	23	67	33	21
07	0	UNL	15			32	29	23	69	31	11
10	0	UNL	15			39	33	23	53	30	21
13	2	UNL	20			44	37	25	47	29	18
16	0	UNL	15			45	37	24	44	32	16
19	0	UNL	15			40	34	24	53	26	9
22	0	UNL	15			37	32	22	55	25	7

MAR 20

HOUR L.S.T.	SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	VISIBILITY WHOLE MILES	VISIBILITY 16THS MILE	WEATHER	TEMPERATURE AIR °F	TEMPERATURE WET BULB °F	TEMPERATURE DEW POINT °F	REL HUMIDITY %	WIND DIRECTION	WIND SPEED (KNOTS)
01	0	UNL	15			34	30	22	62	27	10
04	0	UNL	15			32	28	21	64	24	8
07	0	UNL	15			36	32	24	62	26	9
10	0	UNL	20			45	36	22	40	31	18
13	0	UNL	20			50	40	25	38	33	16
16	0	UNL	20			51	41	27	40	33	14
19	0	UNL	15			44	37	25	47	32	7
22	0	UNL	15			38	35	29	70	34	3

MAR 21

HOUR L.S.T.	SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	VISIBILITY WHOLE MILES	VISIBILITY 16THS MILE	WEATHER	TEMPERATURE AIR °F	TEMPERATURE WET BULB °F	TEMPERATURE DEW POINT °F	REL HUMIDITY %	WIND DIRECTION	WIND SPEED (KNOTS)
01	0	UNL	15			34	33	30	85	06	3
04	0	UNL	15			31	30	29	92	00	0
07	10	180	15			33	32	31	92	27	3
10	10	70	12			41	38	33	73	12	5
13	10	50	10		R	44	39	31	60	15	4
16	10	24	4		RF	41	40	38	89	14	9
19	10	7	5		RF	41	41	41	100	14	7
22	10	3	5		RF	41	41	41	100	05	5

MAR 22

HOUR L.S.T.	SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	VISIBILITY WHOLE MILES	VISIBILITY 16THS MILE	WEATHER	TEMPERATURE AIR °F	TEMPERATURE WET BULB °F	TEMPERATURE DEW POINT °F	REL HUMIDITY %	WIND DIRECTION	WIND SPEED (KNOTS)
01	10	4	5		F	42	42	42	100	34	6
04	8	110	7			40	40	39	96	33	12
07	1	UNL	10			43	40	37	80	30	12
10	0	UNL	20			48	41	32	54	33	22
13	0	UNL	20			54	44	31	42	31	22
16	0	UNL	20			57	45	29	34	32	21
19	0	UNL	20			51	41	28	41	26	7
22	0	UNL	20			48	40	28	46	25	7

MAR 23

HOUR L.S.T.	SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	VISIBILITY WHOLE MILES	VISIBILITY 16THS MILE	WEATHER	TEMPERATURE AIR °F	TEMPERATURE WET BULB °F	TEMPERATURE DEW POINT °F	REL HUMIDITY %	WIND DIRECTION	WIND SPEED (KNOTS)
01	0	UNL	20			46	39	30	54	25	8
04	3	UNL	15			42	37	30	63	00	0
07	6	UNL	12			42	38	33	71	27	6
10	2	UNL	15			62	50	36	38	27	11
13	1	UNL	15			74	54	35	24	30	9
16	10	UNL	15			77	55	32	19	32	7
19	10	UNL	15			69	53	37	31	13	3
22	10	UNL	15			55	47	38	53	00	0

MAR 24

HOUR L.S.T.	SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	VISIBILITY WHOLE MILES	VISIBILITY 16THS MILE	WEATHER	TEMPERATURE AIR °F	TEMPERATURE WET BULB °F	TEMPERATURE DEW POINT °F	REL HUMIDITY %	WIND DIRECTION	WIND SPEED (KNOTS)
01	4	UNL	15			58	49	39	49	00	0
04	0	UNL	15			46	43	40	80	00	0
07	10	250	12			46	43	39	77	00	0
10	10	130	10			59	51	42	54	27	5
13	10	250	12			73	57	43	34	17	4
16	10	250	12			75	59	47	37	20	11
19	10	UNL	12			62	54	47	58	18	7
22	10	UNL	10			58	53	48	70	16	4

MAR 25

HOUR L.S.T.	SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	VISIBILITY WHOLE MILES	VISIBILITY 16THS MILE	WEATHER	TEMPERATURE AIR °F	TEMPERATURE WET BULB °F	TEMPERATURE DEW POINT °F	REL HUMIDITY %	WIND DIRECTION	WIND SPEED (KNOTS)
01	10	140	9			56	53	50	80	00	0
04	10	140	9			57	54	51	81	35	3
07	10	65	2	8	RF	54	54	53	96	35	7
10	10	70	5		RF	51	49	46	83	34	7
13	10	130	8			52	45	37	57	33	14
16	7	250	12			52	43	32	47	33	17
19	7	UNL	15			47	40	30	52	32	17
22	3	UNL	15			39	34	26	60	32	14

MAR 26

HOUR L.S.T.	SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	VISIBILITY WHOLE MILES	VISIBILITY 16THS MILE	WEATHER	TEMPERATURE AIR °F	TEMPERATURE WET BULB °F	TEMPERATURE DEW POINT °F	REL HUMIDITY %	WIND DIRECTION	WIND SPEED (KNOTS)
01	0	UNL	15			35	30	21	57	36	9
04	9	36	15			36	31	22	57	35	14
07	2	UNL	20			35	31	24	64	23	4
10	9	UNL	20			46	37	24	42	02	10
13	8	UNL	20			50	40	24	36	00	0
16	8	UNL	15			50	41	27	41	16	9
19	8	UNL	15			45	40	34	66	17	6
22	10	95	15			43	40	35	74	17	10

MAR 27

HOUR L.S.T.	SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	VISIBILITY WHOLE MILES	VISIBILITY 16THS MILE	WEATHER	TEMPERATURE AIR °F	TEMPERATURE WET BULB °F	TEMPERATURE DEW POINT °F	REL HUMIDITY %	WIND DIRECTION	WIND SPEED (KNOTS)
01	10	75	10		R	42	39	36	79	16	9
04	10	43	6		F	40	40	39	96	16	5
07	10	33	3		RF	40	39	38	93	14	9
10	10	8	3		RF	42	41	40	93	12	10
13	10	5	4		RF	49	49	48	96	18	11
16	10	2	0	12	LF	51	51	51	100	36	5
19	10	5	1		F	50	50	50	100	36	3
22	10	1	0	8	F	50	50	50	100	02	5

MAR 28

HOUR L.S.T.	SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	VISIBILITY WHOLE MILES	VISIBILITY 16THS MILE	WEATHER	TEMPERATURE AIR °F	TEMPERATURE WET BULB °F	TEMPERATURE DEW POINT °F	REL HUMIDITY %	WIND DIRECTION	WIND SPEED (KNOTS)
01	10	1	0	4	RF	50	50	50	100	02	5
04	10	27	7			49	49	49	100	02	7
07	10	33	2	8	RF	49	49	49	100	34	7
10	10	110	7		R	53	52	51	93	09	5
13	10	11	8		R	53	52	51	93	35	7
16	10	15	7		R	51	51	50	96	01	8
19	10	29	4		R	49	49	48	96	36	8
22	10	40	7		R	47	47	46	96	05	7

MAR 29

HOUR L.S.T.	SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	VISIBILITY WHOLE MILES	VISIBILITY 16THS MILE	WEATHER	TEMPERATURE AIR °F	TEMPERATURE WET BULB °F	TEMPERATURE DEW POINT °F	REL HUMIDITY %	WIND DIRECTION	WIND SPEED (KNOTS)
01	10	26	7		R	44	44	43	96	36	5
04	10	8	4		RF	43	43	42	96	36	8
07	10	8	3		RF	41	41	40	96	04	9
10	10	9	5		RF	40	39	38	93	35	13
13	10	9	10			41	41	40	96	34	10
16	8	37	15			49	44	39	69	35	10
19	10	32	10		RW	47	43	39	74	31	12
22	0	UNL	7			41	41	40	96	25	6

MAR 30

HOUR L.S.T.	SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	VISIBILITY WHOLE MILES	VISIBILITY 16THS MILE	WEATHER	TEMPERATURE AIR °F	TEMPERATURE WET BULB °F	TEMPERATURE DEW POINT °F	REL HUMIDITY %	WIND DIRECTION	WIND SPEED (KNOTS)
01	4	UNL	10			39	37	35	86	27	5
04	0	UNL	15			40	37	32	73	27	7
07	0	UNL	10			39	37	33	79	26	8
10	3	UNL	10			47	40	31	54	28	12
13	6	60	10			50	41	28	43	30	17
16	4	UNL	10			50	40	26	39	28	13
19	2	UNL	15			45	37	25	46	30	7
22	0	UNL	15			40	35	27	60	23	3

MAR 31

HOUR L.S.T.	SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	VISIBILITY WHOLE MILES	VISIBILITY 16THS MILE	WEATHER	TEMPERATURE AIR °F	TEMPERATURE WET BULB °F	TEMPERATURE DEW POINT °F	REL HUMIDITY %	WIND DIRECTION	WIND SPEED (KNOTS)
01	6	UNL	15			36	34	30	79	35	3
04	6	UNL	15			33	32	30	89	34	3
07	10	100	10			36	35	33	89	36	3
10	9	110	7			51	45	37	59	16	8
13	10	180	7			52	45	36	55	17	9
16	9	70	10			52	45	37	57	18	8
19	10	32	15			48	44	40	74	18	4
22	10	17	7			46	45	44	93	02	6

WEATHER CODES AND NOTES

*	TORNADO	SW	SNOW SHOWERS	GF	GROUND FOG
T	THUNDERSTORM	SG	SNOW GRAINS	BD	BLOWING DUST
Q	SQUALL	SP	SNOW PELLETS	BN	BLOWING SAND
R	RAIN	IC	ICE CRYSTALS	BS	BLOWING SNOW
RW	RAIN SHOWERS	IP	ICE PELLETS	BY	BLOWING SPRAY
ZR	FREEZING RAIN	IPW	ICE PELLET SHOWERS	K	SMOKE
L	DRIZZLE	A	HAIL	H	HAZE
ZL	FREEZING DRIZZLE	F	FOG	D	DUST
S	SNOW	IF	ICE FOG		

CEILING: UNL INDICATES UNLIMITED
WIND DIRECTION: DIRECTIONS ARE THOSE FROM WHICH THE WIND IS BLOWING, INDICATED IN TENS OF DEGREES FROM TRUE NORTH: I.E. 09 FOR EAST, 18 FOR SOUTH, 27 FOR WEST. AN ENTRY OF 00 INDICATES CALM.
SPEED: THE OBSERVED AVERAGE ONE-MINUTE VALUE (MPH=KNOTS X 1.15).

SUMMARY BY HOURS

HOUR L.S.T.	AVERAGES SKY COVER (TENTHS)	AVERAGES STATION PRESSURE (INCHES)	AVERAGES TEMPERATURE AIR °F	AVERAGES TEMPERATURE WET BULB °F	AVERAGES TEMPERATURE DEW POINT °F	AVERAGES REL HUMIDITY %	AVERAGES SPEED (MPH)	RESULTANT WIND DIRECTION	RESULTANT WIND SPEED (MPH)
01	6	29.860	38	35	30	73	7.5	34	4.1
04	6	29.845	37	34	29	76	8.0	35	5.1
07	7	29.870	37	34	30	78	8.6	33	3.7
10	7	29.880	43	38	31	65	12.0	33	5.0
13	7	29.845	47	41	32	60	12.6	31	6.1
16	7	29.820	48	41	33	61	12.5	32	6.2
19	7	29.840	43	39	32	69	8.9	31	4.2
22	6	29.860	41	37	32	74	8.3	33	3.6

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MAR 1994 13781
WILMINGTON, DE
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HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

DATE	A.M. HOUR ENDING AT												P.M. HOUR 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													T	T	T	0.01	T	T							01
02							T	T	0.01	0.04	0.03	0.05	0.05	0.09	0.13	0.13	0.13	0.06	0.03	T	0.08	0.17	0.24	0.08	02
03	0.04	0.13	0.02	0.03	T	T	T	T	T	T	T	T	T	T	T	0.02	T			T					03
04																	T	0.01							04
05																									05
06															T										06
07																								T	07
08	0.10	0.01	T	T							T	T			T	0.01	T	0.03	0.01	T	0.01				08
09				T	T		T	T	T	T	T	0.02		T	T		T	T	0.01	0.11	0.10	0.06	0.11	0.04	09
10	0.02	0.03	0.08	0.02	0.04	0.15	0.17	0.12	0.18	0.23	0.15	0.03	T												10
11																									11
12																									12
13																					T	T	T		13
14																									14
15													T	0.03	0.03	0.01									15
16																									16
17																									17
18									T	0.01	T	T	0.01	0.01	T	T	T	0.03	0.02						18
19																									19
20																									20
21													T	T	0.02	0.06	0.08	0.12	0.15	0.24	0.23	0.11	0.11	0.01	21
22		T	T																						22
23																									23
24																									24
25					0.02	0.04	0.06	0.01	0.03	0.01	T	T													25
26																									26
27	T	0.01	0.01	0.01			T	0.04	0.09	0.10	0.10	0.12	0.02	0.05	0.06	0.02	T	T				0.01	0.01	0.01	27
28	T	0.32	0.16	0.01		0.18	0.13	0.06	0.06	T	T	0.01	0.01	0.05	0.01	T	0.06	0.04	0.06	0.02	0.06	0.01	0.01	0.02	28
29	0.01	0.02	0.07	0.07	0.07	0.06	0.07	0.04	0.05	0.03	0.03	0.01	0.01						T	T					29
30																									30
31												T	T								T	T	T	0.01	31