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

INQUIRIES/COMMENTS CALL
(704) 271-4800 VOICE
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GREATER WILMINGTON AIRPORT

ISSN # 0198-117X

LOCAL CLIMATOLOGICAL DATA
MONTHLY SUMMARY

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

JUL 1994
WILMINGTON, DE

DATE 1	TEMPERATURE °F MAXIMUM 2	MINIMUM 3	AVERAGE 4	DEPARTURE FROM NORMAL 5	AVERAGE DEW POINT 6	DEGREE DAYS BASE 65 °F HEATING 7A	COOLING 7B	WEATHER TYPES (1 FOG, 2 HEAVY FOG, 3 THUNDERSTORMS, 4 ICE PELLETS, 5 HAIL, 6 GLAZE, 7 DUSTSTORM, 8 SMOKE, HAZE, 9 BLOWING SNOW) 8	SNOW/ICE ON GRD AT 0700 (IN.) 9	PRECIPITATION (INCHES) WATER EQUIVALENT 10	SNOW ICE PELLETS 11	AVERAGE STATION PRESSURE (INCHES OF Hg) ELEV. 80 (FT.MSL) 12	WIND (M.P.H.) RESULTANT DIR 13	RESULTANT SPEED 14	AVERAGE SPEED 15	PEAK GUST SPEED 16	PEAK GUST DIR 17	FASTEST 1-MIN SPEED 18	FASTEST 1-MIN DIR 19	SUNSHINE MINUTES 20	PERCENT POSSIBLE 21	SKY COVER TENTHS SUNRISE TO SUNSET 22	MIDNIGHT TO MIDNIGHT 23
01	86	66	76	1	65	0	11	1	0	0.00	0.0	29.910	24	3.6	5.3	18	SW	13	23			3	3
02	87	66	77	2	69	0	12	1 8	0	0.00	0.0	29.930	17	5.2	5.9	22	S	15	15			5	4
03	89	71	80	5	69	0	15	1 3	0	0.10	0.0	30.010	23	0.5	4.0	23	W	17	29			9	9
04	87	68	78	3	68	0	13	1 8	0	0.00	0.0	30.110	14	4.7	6.9	16	S	10	15			4	5
05	86	71	79	4	69	0	14	1 8	0	0.00	0.0	30.080	16	4.7	6.0	17	S	13	17			9	7
06	95	73	84	8	72	0	19	1 3 8	0	T	0.0	29.930	25	3.8	8.1	28	N	23	36			4	5
07	92	70	81	5	71	0	16		0	0.00	0.0	29.930	20	2.9	5.7	14	SW	12	25			5	5
08	96	79	88*	12	74	0	23	3 8	0	0.00	0.0	29.960	21	7.3	8.2	18	SW	13	25			3	3
09	97*	76	87	11	73	0	22	3 8	0	0.13	0.0	29.920	25	6.7	7.5	33	SW	21	24			3	3
10	89	73	81	5	65	0	16		0	0.00	0.0	29.920	29	6.8	7.6	18	NW	14	29			9	7
11	84	63	74	-2	56	0	9		0	0.00	0.0	30.000	34	6.7	8.1	22	N	14	03			2	1
12	88	63*	76	0	62	0	11		0	0.00	0.0	29.970	23	5.2	6.2	18	S	14	26			3	2
13	94	70	82	6	69	0	17	2 3 8	0	0.00	0.0	29.940	19	4.4	5.3	30	S	15	17			3	2
14	91	71	81	5	73	0	16	1 3 8	0	2.57	0.0	29.920	15	2.7	6.6	33	N	20	36			9	8
15	90	72	81	4	72	0	16	1 8	0	0.00	0.0	29.910	25	3.4	5.8	12	SW	9	22			8	9
16	88	72	80	3	69	0	15	1 8	0	0.00	0.0	29.970	32	5.1	5.8	16	NW	10	31			8	7
17	88	69	79	2	65	0	14		0	T	0.0	30.010	17	1.1	5.9	13	SW	9	20			5	5
18	84	72	78	1	71	0	13	1 3 8	0	1.12	0.0	29.950	08	4.7	6.7	17	SE	13	14			9	9
19	89	74	82	5	73	0	17	1 8	0	0.00	0.0	30.020	15	4.8	6.3	15	SE	14	15			4	6
20	92	76	84	7	74	0	19	1 8	0	0.00	0.0	30.070	19	6.6	7.2	18	S	14	19			4	4
21	91	76	84	7	73	0	19		0	T	0.0	29.990	19	10.2	10.6	26	S	16	19			7	7
22	89	74	82	5	73	0	17	3	0	0.69	0.0	29.880	21	10.5	11.0	29	SW	17	24			9	9
23	85	73	79	2	73	0	14	1 8	0	T	0.0	29.875	21	9.8	10.4	28	SW	16	22			9	9
24	90	72	81	4	71	0	16	1 8	0	T	0.0	29.840	23	4.7	5.6	15	SW	10	23			5	4
25	91	72	82	5	71	0	17	1 3 8	0	0.03	0.0	29.810	21	2.3	5.0	17	NW	9	29			8	7
26	86	71	79	2	71	0	14	1 3 8	0	0.38	0.0	29.740	17	3.7	5.9	22	SE	10	12			9	9
27	84	70	77	0	70	0	12	1 3 8	0	1.06	0.0	29.750	13	4.0	7.0	23	S	15	18			9	9
28	79	68	74*	-3	69	0	9	2	0	0.68	0.0	29.800	26	4.8	8.6	20	SW	15	20			10	9
29	86	68	77	0	68	0	12		0	0.08	0.0	29.990	11	2.4	5.2	15	SE	7	12			10	10
30	87	73	80	3	71	0	15		0	0.00	0.0	30.050	21	6.6	7.1	16	SW	12	23			4	6
31	85	71	78	1	71	0	13	1 3 8	0	0.17	0.0	30.100	15	3.4	4.5	22	N	14	14			9	9
SUM	SUM 2745	SUM 2203				TOTAL 0	TOTAL 466	NUMBER OF DAYS		TOTAL 7.01	TOTAL 0.0	FOR THE MONTH: 29.945	20	3.1	6.8	33	N	23	36	TOTAL	% FOR MONTH	SUM 198	SUM 192
AVG.	AVG. 88.5	AVG. 71.1	AVG. 79.8	DEP. 3.4	AVG. 69.5	DEP. 0	DEP. 113	PRECIPITATION ≥ .01 INCH 11		DEP. 2.78						DATE:14+		DATE: 6		POSS		AVG 6.4	AVG 6.2

NUMBER OF DAYS				SEASON TO DATE TOTAL	TOTAL	SNOW, ICE PELLETS ≥ 1.0 INCH 0	GREATEST IN 24 HOURS AND DATES			GREATEST DEPTH ON GROUND OF SNOW, ICE PELLETS OR ICE AND DATE
MAXIMUM TEMP.		MINIMUM TEMP.		0	873	THUNDERSTORMS 12	PRECIPITATION	SNOW, ICE PELLETS		
≥ 90°	≤ 32°	≤ 32°	≤ 0°	DEP.	DEP.	HEAVY FOG 2	2.57	14	0.0	0
11	0	0	0	0	277	CLEAR 6 PARTLY CLOUDY 10 CLOUDY 15				

* 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 (DIRECTION IN 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 NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC DATA 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

OBSERVATIONS AT 3-HOUR INTERVALS

JUL 1994 13781
WILMINGTON, DE

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)
JUL 01											
01	8	90	12			70	68	67	90	29	3
04	4	UNL	12			68	67	66	93	00	0
07	8	90	8			71	66	63	76	34	5
10	2	UNL	8			79	69	64	60	00	0
13	2	UNL	10			84	70	63	49	26	9
16	3	UNL	10			85	70	62	46	27	7
19	0	UNL	10			83	70	63	51	25	4
22	0	UNL	8			76	73	72	88	16	4
JUL 02											
01	0	UNL	8			70	68	66	87	00	0
04	0	UNL	7			67	65	64	90	00	0
07	1	UNL	3		F	75	70	68	79	00	0
10	1	UNL	6		H	84	75	71	65	14	5
13	7	48	7			87	76	71	59	15	13
16	6	UNL	9			85	75	70	61	16	12
19	10	270	7			81	76	74	79	16	7
22	4	UNL	10			78	71	68	72	21	6
JUL 03											
01	5	UNL	7			76	71	68	76	22	3
04	7	250	7			73	69	67	82	00	0
07	10	250	5		F	78	72	69	74	00	0
10	10	UNL	7			86	75	70	59	34	3
13	7	110	7		T	88	76	70	55	19	7
16	10	55	7			74	71	69	85	11	9
19	10	140	8		RW	73	69	67	82	21	3
22	10	140	5		F	71	70	69	93	28	4
JUL 04											
01	10	150	5		F	72	70	69	90	06	4
04	5	UNL	4		F	69	68	67	93	00	0
07	6	250	5		F	73	70	68	84	05	5
10	1	UNL	7			81	72	68	65	11	6
13	2	UNL	7			84	74	69	61	19	8
16	3	UNL	10			86	75	69	57	17	5
19	5	UNL	6		H	78	73	70	77	16	7
22	4	UNL	3		F	74	71	69	85	14	7
JUL 05											
01	10	10	3		F	71	68	67	87	09	3
04	10	13	3		F	71	68	67	87	08	3
07	10	11	2		F	72	69	68	87	11	5
10	10	15	2	8	F	77	71	68	74	00	0
13	8	23	4		H	82	73	69	65	22	5
16	9	250	5		H	84	74	69	61	13	6
19	5	UNL	5		H	81	76	73	77	16	8
22	0	UNL	7			78	74	72	82	20	6
JUL 06											
01	0	UNL	12			74	72	71	90	19	6
04	7	200	7			73	72	72	97	20	4
07	10	4	2		F	76	75	74	94	22	4
10	1	UNL	6		H	86	79	76	72	30	4
13	4	UNL	6		H	92	80	75	58	17	10
16	1	UNL	6		H	95	77	70	44	24	7
19	3	UNL	6		H	89	78	73	59	24	8
22	10	150	12			74	70	68	82	35	9
JUL 07											
01	10	250	12			74	70	67	79	28	4
04	3	UNL	12			71	68	67	87	30	5
07	7	250	12			77	71	68	74	33	4
10	7	250	12			86	74	68	55	27	3
13	2	UNL	12			91	76	70	50	20	9
16	3	UNL	12			92	79	73	54	16	8
19	6	UNL	12			87	77	73	63	16	5
22	0	UNL	12			82	79	78	88	16	7
JUL 08											
01	7	95	8			81	78	76	85	19	6
04	7	90	7			80	76	74	82	00	0
07	1	UNL	7			83	77	75	77	19	7
10	0	UNL	8			90	80	76	64	22	9
13	1	UNL	10			94	80	74	52	21	10
16	5	UNL	12			95	79	72	48	25	9
19	7	UNL	12			91	77	71	52	21	9
22	0	UNL	12			85	77	73	67	20	7
JUL 09											
01	0	UNL	12			81	76	73	77	20	5
04	0	UNL	12			78	74	72	82	20	4
07	0	UNL	10			83	76	73	72	26	5
10	1	UNL	10			91	78	72	54	30	9
13	3	UNL	10			95	79	72	48	27	7
16	7	50	12			93	78	72	51	25	9
19	8	200	7			84	79	77	80	27	7
22	10	250	12			78	73	71	79	25	6
JUL 10											
01	7	95	12			76	73	71	85	29	5
04	10	UNL	12			74	71	69	85	00	0
07	10	120	10			76	71	69	79	30	4
10	9	UNL	12			85	72	65	51	29	8
13	7	200	12			88	71	61	40	27	8
16	9	UNL	12			88	70	60	39	31	9
19	7	UNL	12			83	69	61	48	26	6
22	0	UNL	12			75	66	61	62	33	6
JUL 11											
01	0	UNL	12			72	64	58	62	35	8
04	1	UNL	15			65	59	55	70	36	7
07	0	UNL	15			71	62	56	59	34	8
10	2	UNL	20			77	64	55	47	35	10
13	4	UNL	20			82	66	55	40	01	8
16	2	UNL	15			82	66	56	41	28	7
19	1	UNL	15			79	65	56	45	30	8
22	0	UNL	12			72	63	57	59	26	6
JUL 12											
01	0	UNL	12			66	61	57	73	00	0
04	0	UNL	12			63	60	57	81	33	4
07	3	UNL	10			73	65	60	64	00	0
10	8	65	10			83	71	65	55	18	6
13	4	UNL	9			87	71	62	43	26	12
16	2	UNL	8			86	74	69	57	20	9
19	0	UNL	9			84	69	61	46	25	7
22	0	UNL	7			76	68	63	64	23	5
JUL 13											
01	0	UNL	7			73	69	67	82	00	0
04	2	UNL	3		F	72	70	69	90	00	0
07	1	UNL	2		FH	77	73	71	82	22	3
10	0	UNL	5		H	92	73	64	40	01	3
13	1	UNL	5		H	92	73	63	38	15	9
16	4	UNL	8			90	74	67	47	17	7
19	1	UNL	8			83	75	72	70	19	9
22	0	UNL	7			78	73	70	77	00	0
JUL 14											
01	0	UNL	6		H	76	73	71	85	00	0
04	3	UNL	6		H	74	72	71	90	00	0
07	8	250	3		FH	79	76	74	85	18	3
10	9	250	5		FH	85	77	74	70	17	5
13	8	250	10			89	78	73	59	16	10
16	10	85	7			88	79	75	66	15	10
19	10	11	4		TR	71	70	70	97	36	3
22	10	120	7			73	72	72	97	15	7
JUL 15											
01	10	4	4		F	74	73	72	94	28	5
04	7	45	3		F	73	72	71	94	32	5
07	6	250	3		F	75	72	71	87	35	5
10	7	25	6		H	83	75	72	70	00	0
13	7	200	5		H	84	76	73	70	18	6
16	8	33	5		H	90	78	73	58	23	8
19	10	200	4		H	84	76	72	67	22	6
22	8	200	5		H	79	75	73	82	23	5
JUL 16											
01	10	200	5		F	76	73	72	88	25	3
04	8	200	4		F	74	71	70	87	30	5
07	8	140	3		FH	77	73	71	82	34	7
10	9	250	5		H	86	74	68	55	35	5
13	10	140	5		H	84	74	69	61	31	9
16	7	150	5		H	85	72	66	53	31	6
19	0	UNL	5		H	83	72	66	57	01	5
22	0	UNL	5		H	76	71	68	76	34	4
JUL 17											
01	0	UNL	7			72	69	67	84	31	4
04	4	UNL	9			69	67	65	87	36	4
07	7	140	10			73	69	66	79	01	5
10	0	UNL	12			83	72	67	59	13	5
13	9	60	10			86	70	61	43	15	7
16	10	140	8			84	72	66	55	17	8
19	10	150	7			80	70	65	60	21	7
22	10	75	7			77	72	69	76	23	3
JUL 18											
01	10	70	7			77	71	67	71	17	3
04	10	65	7			76	71	69	79	09	4
07	10	17	1	8	TRF	72	71	71	97	11	4
10	10	40	2		F	76	73	72	88	06	7
13	10	19	3		H	80	74	71	74	04	6
16	6	29	5		H	82	75	71	69	06	6
19	9	25	6		H	78	74	72	82	14	11
22	10	18	6		F	76	73	71	85	13	6

MAXIMUM SHORT DURATION PRECIPITATION

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

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

JUL 1994 13781
WILMINGTON, DE

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)
JUL 19											
01	10	120	6		F	74	72	71	90	09	4
04	10	7	4		F	74	73	72	94	00	0
07	0	UNL	3		F	77	74	73	88	04	4
10	7	21	4		H	83	75	72	70	00	0
13	2	UNL	4		H	88	76	71	57	16	7
16	2	UNL	4		H	87	79	76	70	15	12
19	5	UNL	7			82	76	73	74	16	6
22	10	250	9			81	76	74	79	18	8
JUL 20											
01	3	UNL	8			77	74	72	85	00	0
04	10	7	3		F	77	76	75	94	18	4
07	4	UNL	3		F	78	75	74	88	20	4
10	5	UNL	5		H	87	79	75	68	25	7
13	4	UNL	7			88	79	76	68	17	10
16	2	UNL	10			91	78	73	56	17	9
19	2	UNL	12			86	79	76	72	16	6
22	1	UNL	12			81	74	71	72	20	7
JUL 21											
01	2	UNL	12			77	74	73	88	20	5
04	6	250	12			77	75	74	91	18	7
07	7	250	9			79	76	75	88	18	7
10	5	UNL	10			84	76	72	67	20	9
13	7	250	10			88	76	71	57	20	9
16	8	250	12			87	77	73	63	16	10
19	10	120	12		RW	83	75	71	67	20	14
22	9	UNL	12			81	75	72	74	19	14
JUL 22											
01	7	22	12			78	74	72	82	20	7
04	8	24	12			78	75	73	85	20	8
07	10	20	10			79	75	73	82	19	9
10	10	19	10			82	76	73	74	20	10
13	8	44	8			87	77	73	63	21	15
16	7	85	8			87	77	73	63	20	15
19	9	120	8			83	75	72	70	21	9
22	10	110	7			74	73	73	97	23	5
JUL 23											
01	3	UNL	7			76	74	73	91	23	9
04	6	90	10			75	73	72	90	20	9
07	10	21	4		F	76	74	73	91	20	9
10	10	41	4		F	79	75	73	82	20	11
13	9	150	6		H	84	76	72	67	22	14
16	8	30	9			84	76	72	67	23	9
19	9	250	9			79	75	73	82	18	7
22	10	25	9			78	75	74	88	18	5
JUL 24											
01	7	250	12			72	70	69	90	00	0
04	0	UNL	12			72	71	70	94	25	3
07	7	UNL	5		F	73	71	70	90	25	5
10	7	UNL	7			84	76	72	67	20	3
13	5	UNL	7			89	76	70	54	23	9
16	6	90	9			88	75	69	53	23	9
19	4	UNL	7			83	77	75	77	15	5
22	0	UNL	6		H	80	75	73	79	15	3
JUL 25											
01	3	UNL	5		H	77	74	72	85	22	6
04	6	9	3		F	76	74	73	91	00	0
07	10	1	0	8	F	76	75	75	97	21	5
10	8	250	3		H	88	77	72	59	00	0
13	8	250	5		H	90	76	70	52	36	4
16	8	50	6		H	85	73	67	55	16	3
19	10	90	6		H	77	73	71	82	08	5
22	10	150	6		H	74	71	69	85	20	4
JUL 26											
01	10	250	5		F	72	69	68	87	27	4
04	2	UNL	6		F	71	69	68	90	31	3
07	10	8	2		F	73	71	70	90	19	5
10	7	250	6		H	82	75	72	72	21	7
13	7	32	6		H	85	77	73	67	16	9
16	10	21	3		TRWF	75	73	72	90	03	8
19	10	120	4		RF	74	73	72	94	15	5
22	10	250	8			72	71	70	94	21	7
JUL 27											
01	8	7	5		F	71	70	70	97	19	6
04	3	UNL	3		F	71	70	69	93	27	3
07	7	UNL	2		F	73	70	69	87	01	8
10	7	250	6		H	79	72	69	72	15	4
13	10	200	6		H	81	72	67	63	16	4
16	10	120	6		H	81	74	71	72	15	5
19	10	45	5		RH	77	72	70	79	12	10
22	10	19	3		TRWFH	76	75	74	94	14	12
JUL 28											
01	8	140	12			74	72	71	90	18	8
04	10	110	7			73	72	71	94	21	10
07	10	60	6		F	75	73	72	90	20	11
10	10	7	2		RF	73	72	71	94	29	6
13	10	15	10			77	72	70	79	31	12
16	9	60	10			77	72	69	76	33	6
19	9	250	8			73	67	64	74	33	8
22	2	UNL	12			70	67	65	84	32	4
JUL 29											
01	10	90	12			68	66	65	90	35	4
04	10	90	7			69	66	64	84	00	0
07	10	60	7			72	68	66	82	01	5
10	10	150	10			78	69	64	62	06	5
13	7	250	10			82	73	68	63	14	6
16	10	200	10			82	74	70	67	16	4
19	10	140	7		RW	77	75	74	91	14	5
22	10	11	10			76	74	73	91	17	4
JUL 30											
01	10	120	10			75	73	72	90	20	5
04	10	27	10			74	73	72	94	21	5
07	5	UNL	7			76	73	72	88	20	6
10	4	UNL	10			80	74	71	74	25	10
13	3	UNL	10			85	75	70	61	23	10
16	1	UNL	8			86	74	68	55	23	10
19	7	UNL	9			82	75	72	72	21	4
22	8	UNL	9			79	75	73	82	16	4
JUL 31											
01	10	110	7			76	74	73	91	00	0
04	10	110	5		RF	76	73	72	88	00	0
07	10	120	2	8	F	77	74	73	88	14	3
10	10	100	6		H	80	75	73	79	09	3
13	7	UNL	10			83	74	70	65	18	9
16	9	140	4		TRWF	75	72	70	85	14	12
19	9	140	10			73	70	69	87	12	4
22	3	UNL	12			73	70	68	84	00	0

WEATHER CODES AND NOTES

&	TORNADO	S	SNOW	IF	ICE FOG
&C	FUNNEL CLOUD	SW	SNOW SHOWERS	GF	GROUND FOG
&W	WATER SPOUT	SG	SNOW GRAINS	BD	BLOWING DUST
T	THUNDERSTORM	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

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	29.940	74	71	69	85	4.5	22	2.2
04	6	29.940	73	70	69	88	3.6	23	1.4
07	7	29.960	76	72	70	83	5.7	23	1.2
10	6	29.970	83	74	70	66	6.0	23	1.9
13	6	29.950	86	75	69	57	10.1	20	5.9
16	6	29.920	85	75	69	60	9.4	19	5.0
19	7	29.930	81	73	70	71	7.7	19	4.3
22	5	29.950	77	72	70	81	6.5	20	3.8

NATIONAL CLIMATIC DATA CENTER
ROOM 120
151 PATTON AVENUE
ASHEVILLE, NORTH CAROLINA 28801-5001

OFFICIAL BUSINESS
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FIRST CLASS
POSTAGE AND FEES PAID
NOAA
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JUL 1994 13781
WILMINGTON, DE
USCOM - NOAA - ASHEVILLE, NC 225

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																									01
02																									02
03														0.04	T		0.01	0.04	0.01	T	T	T			03
04																									04
05																									05
06																					T				06
07																									07
08																									08
09																	0.13			T	T	T			09
10																									10
11																									11
12																									12
13																									13
14																	0.48	1.40	0.14	0.46	0.08	0.01			14
15																									15
16																									16
17																		T							17
18				T	T	0.01	0.98	0.13	T	T									T						18
19																									19
20																									20
21																			T	T					21
22											T									0.08	0.54	0.01	0.06		22
23																								T	23
24	T																								24
25																	0.02	0.01							25
26															0.03	0.20	0.14	T	T	0.01	T				26
27																	T	T	T	0.39	0.04	0.41	0.21	0.01	27
28								T	0.41	0.26	0.01														28
29						T												0.02	0.06	T	T	T			29
30																									30
31				T											T	0.17	T	T	T						31