JUL 1995
RICHMOND, VA
NAT'L WEA SVC OFC.,NOAA
RIC INTL APT/EXEC TERMINAL

ISSN # 0198-537X

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

R.E.BYRD INTERNATIONAL AP.

LOCAL CLIMATOLOGICAL DATA

MONTHLY SUMMARY

LATITUDE 37° 30'N LONGITUDE 77° 20'W ELEVATION (GROUND) 164 FEET TIME ZONE EASTERN 13740

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. 177 (FT.MSL)	WIND (M.P.H.) RESULTANT DIR.	RESULTANT SPEED	AVERAGE SPEED	PEAK GUST SPEED	DIR	FASTEST 2-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	91	67	79	2	70.8	0	14	1 3 8	0	0.36	0.0	29.680	20	6.6	7.6	21	SE	16	21	513	58	9	8
02	83	63	73	-4	63.5	0	8	1 8	0	0.03	0.0	29.730	32	6.5	7.3	17	N	15	33	513	58	6	5
03	84	62	73	-4	63.1	0	8	1 8	0	0.00	0.0	29.850	08	3.0	6.3	14	N	9	12	655	74	8	6
04	88	67	78	1	70.3	0	13	1 3 8	0	0.05	0.0	29.950	14	5.5	7.3	21	SE	17	14	400	45	9	8
05	91	69	80	3	70.5	0	15	1 8	0	0.00	0.0	30.010	16	6.7	7.8	20	S	13	18	575	65	8	8
06	91	68	80	3	70.7	0	15	1 3 8	0	0.65	0.0	29.950	17	5.8	8.7	28	NW	22	29	540	61	8	7
07	90	68	79	1	68.4	0	14	1	0	0.00	0.0	29.820	21	4.3	5.9	14	W	10	22	561	64	8	8
08	87	68	78	0	62.6	0	13	1 8	0	0.00	0.0	29.750	31	6.7	9.2	23	N	15	36	772	88	2	2
09	83	62	73*	-5	59.6	0	8		0	0.00	0.0	29.790	32	1.3	4.4	15	SW	13	24	780	89	8	7
10	88	62*	75	-3	64.3	0	10	1 8	0	0.00	0.0	29.790	15	5.2	5.9	16	E	13	17	658	75	4	5
11	90	68	79	1	66.8	0	14	1 3 8	0	0.09	0.0	29.810	32	1.1	6.6	18	NW	13	30	659	75	6	5
12	93	66	80	2	66.4	0	15	1 8	0	0.00	0.0	29.895	17	3.9	4.8	15	SE	12	20	650	74	4	3
13	93	67	80	2	66.2	0	15	1 8	0	0.00	0.0	29.940	18	6.1	6.4	16	SW	13	18	721	83	1	1
14	96	70	83	5	68.2	0	18	1 8	0	0.00	0.0	29.860	21	9.9	10.6	22	W	15	20	746	86	2	2
15	100*	72	86	8	73.8	0	21	1 8	0	0.00	0.0	29.780	20	6.3	7.7	17	SW	14	22	779	89	1	1
16	94	72	83	5	73.5	0	18	1 3 8	0	1.12	0.0	29.770	07	2.8	8.1	39	SW	23	23	491	57	8	8
17	95	72	84	6	73.5	0	19	1 8	0	T	0.0	29.690	19	6.3	7.9	16	S	13	17	635	73	4	5
18	93	73	83	5	71.8	0	18	1 8	0	0.00	0.0	29.630	36	0.8	5.4	13	N	9	23	711	82	8	7
19	90	70	80	2	64.3	0	15		0	0.00	0.0	29.760	01	4.1	5.6	15	N	12	03	538	62	8	6
20	93	65	79	1	66.0	0	14	1 8	0	0.00	0.0	29.790	19	4.3	5.1	22	SW	12	21	744	86	5	4
21	94	72	83	5	73.9	0	18	1 3 8	0	0.07	0.0	29.740	19	5.9	8.5	20	S	16	19	471	55	10	9
22	91	74	83	4	73.9	0	18	1 8	0	T	0.0	29.740	18	3.3	5.2	12	SW	9	16	390	45	8	7
23	97	72	85	6	73.3	0	20	1 8	0	0.00	0.0	29.670	21	7.7	8.4	21	SW	20	21	728	85	6	4
24	99	74	87*	8	72.9	0	22	1 3 8	0	T	0.0	29.710	21	4.6	7.7	40	SW	32	24	555	65	4	4
25	97	74	86	7	72.7	0	21	8	0	0.00	0.0	29.770	20	6.7	7.6	18	S	12	20	768	90	6	5
26	94	72	83	4	70.7	0	18	3	0	0.02	0.0	29.770	21	8.5	9.1	23	S	15	22	807	94	4	3
27	97	73	85	6	72.4	0	20	1 3 8	0	0.49	0.0	29.820	19	4.6	8.2	23	N	13	34	525	61	8	7
28	93	71	82	4	71.5	0	17	1	0	0.01	0.0	29.920	19	11.1	11.5	26	S	18	21	690	81	7	7
29	95	74	85	7	71.9	0	20		0	0.00	0.0	29.950	21	8.8	9.5	22	SW	15	23	707	83	3	3
30	94	74	84	6	69.9	0	19	1 8	0	0.00	0.0	29.955	01	2.7	6.4	14	N	12	02	744	88	3	2
31	94	70	82	4	66.5	0	17	1 8	0	0.00	0.0	29.960	06	3.2	5.2	16	NW	12	03	779	92	3	2
	SUM 2858	SUM 2151				TOTAL 0	TOTAL 495	NUMBER OF DAYS		TOTAL 2.89	TOTAL 0.0	FOR THE MONTH : 29.815	19	3.3	7.3	40	SW	32	24	TOTAL 19805	% FOR MONTH	SUM 179	SUM 159
	AVG. 92.2	AVG. 69.4	AVG. 80.8	DEP. 2.8	AVG. 69.2	DEP. 0	DEP. 92	PRECIPITATION ≥ .01 INCH	10	DEP. -2.14						DATE:24		DATE: 24		POSS 26883		AVG 5.8	AVG 5.1

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, OR HAIL AND DATE
MAXIMUM TEMP		MINIMUM TEMP		0	917	THUNDERSTORMS	9	PRECIPITATION	SNOW, ICE PELLETS		0
≥ 90°	≥ 32°	≤ 32°	≤ 0°	DEP.	DEP.	HEAVY FOG	0	1.12	16	0.0	
25	0	0	0	0	142	CLEAR 7	PARTLY CLOUDY 11	CLOUDY 13			

JUL 1995
RICHMOND, VA

* 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 TWO MINUTE WIND - HIGHEST TWO 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

OBSERVATIONS AT 3-HOUR INTERVALS

JUL 1995 13740
RICHMOND, VA

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	4	UNL	10			70	69	68	93	17	5
04	7	UNL	7			69	68	68	97	18	5
07	7	250	6		F	74	72	71	90	20	7
10	6	UNL	6		H	84	76	72	67	22	8
13	9	60	7			86	76	72	63	18	10
16	8	140	7			87	77	73	63	15	11
19	10	150	5		RF	74	72	71	90	18	4
22	10	3	2		RF	73	72	72	97	28	6
					JUL 04						
01	0	UNL	5		F	70	68	67	90	13	3
04	1	UNL	2		F	69	68	67	93	09	4
07	8	140	2		F	73	70	69	87	13	6
10	8	21	4		H	84	76	72	67	16	10
13	10	250	5		H	80	76	74	82	24	5
16	10	32	5		RWH	78	73	71	79	14	15
19	10	120	4		F	74	72	71	90	14	6
22	5	UNL	2	8	F	72	71	71	97	28	4
					JUL 07						
01	10	65	5		F	69	68	68	97	16	6
04	8	120	6		F	69	68	68	97	14	5
07	9	150	6		F	70	69	68	93	20	7
10	9	70	7			77	72	69	76	22	9
13	8	250	10			85	75	70	61	29	5
16	6	250	10			89	75	69	52	22	4
19	10	250	10			84	73	68	59	33	6
22	10	UNL	7			74	70	67	79	19	5
					JUL 10						
01	1	UNL	7			65	63	62	90	00	0
04	3	UNL	5		F	63	61	60	90	00	0
07	9	150	5		F	70	67	65	84	00	0
10	2	UNL	7			80	71	66	63	09	6
13	3	UNL	7			86	69	60	42	16	8
16	3	UNL	7			86	70	62	45	14	11
19	2	UNL	7			80	70	65	60	14	6
22	10	250	7			76	71	69	79	19	8
					JUL 13						
01	2	UNL	6		FH	71	69	68	90	15	2
04	1	UNL	5		F	67	66	65	93	16	3
07	0	UNL	2		F	74	71	69	85	20	5
10	0	UNL	6		H	88	73	66	48	18	5
13	0	UNL	6		H	91	74	66	44	18	8
16	0	UNL	7			92	73	63	38	21	8
19	0	UNL	6		H	84	73	67	57	19	7
22	0	UNL	6		H	75	70	68	79	18	4
					JUL 16						
01	10	200	4		FH	81	79	78	91	19	6
04	10	18	3		FH	80	78	77	91	34	7
07	7	110	6		H	81	74	70	69	04	5
10	6	UNL	6		H	88	76	71	57	06	8
13	10	36	6		H	93	79	74	54	17	7
16	8	40	5		H	92	80	76	60	05	7
19	10	35	1		TRWFH	75	74	73	94	24	9
22	6	150	6		F	72	71	70	94	24	5

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 02						
01	10	70	2		RF	72	71	71	97	27	5
04	10	65	5		F	71	70	69	93	31	5
07	10	130	5		F	70	68	66	87	32	5
10	8	39	7			75	66	60	60	32	10
13	3	UNL	8			82	68	60	47	33	9
16	5	UNL	8			81	67	59	47	33	9
19	2	UNL	8			77	68	62	60	02	6
22	0	UNL	7			67	65	64	90	00	0
					JUL 05						
01	10	7	2	8	F	73	72	71	94	08	5
04	10	9	1	8	F	71	71	71	100	12	4
07	10	5	1		F	74	73	72	94	19	5
10	8	29	5		H	82	76	73	74	21	7
13	9	UNL	6		H	88	76	70	55	17	10
16	8	UNL	7			90	76	70	52	15	8
19	8	130	7			84	76	72	67	13	9
22	6	UNL	7			76	71	68	76	14	9
					JUL 08						
01	0	UNL	10			73	70	68	84	24	4
04	0	UNL	6		F	70	69	68	93	32	4
07	0	UNL	4		F	73	70	68	84	31	5
10	0	UNL	6		H	84	69	61	46	24	9
13	1	UNL	6		H	86	68	57	37	32	12
16	4	UNL	7			87	70	60	40	27	11
19	10	UNL	7			81	70	64	56	34	5
22	3	UNL	7			72	64	59	64	02	9
					JUL 11						
01	10	150	7		TRW	73	70	69	87	16	6
04	10	140	2		F	71	70	70	97	18	7
07	10	4	2		F	69	68	68	97	20	5
10	3	UNL	5		H	81	74	70	69	19	4
13	7	UNL	6		H	86	72	65	50	31	6
16	7	UNL	7			88	73	65	47	33	8
19	0	UNL	7			82	71	65	57	05	5
22	0	UNL	6		H	73	68	65	76	14	5
					JUL 14						
01	0	UNL	6		F	71	68	66	84	19	6
04	3	UNL	7			72	67	64	76	18	6
07	7	UNL	6		H	77	69	65	67	22	9
10	1	UNL	6		H	88	73	65	47	26	12
13	0	UNL	6		H	94	76	68	43	20	13
16	0	UNL	5		H	95	78	71	46	21	13
19	0	UNL	5		H	88	77	72	59	21	8
22	0	UNL	5		H	82	75	72	72	20	7
					JUL 17						
01	9	150	5		F	74	73	72	94	35	4
04	5	UNL	2		F	73	72	72	97	20	7
07	2	UNL	5		F	76	73	72	88	25	4
10	1	UNL	5		H	88	77	73	61	22	5
13	3	UNL	6		H	93	79	73	52	19	8
16	5	UNL	6		H	94	79	73	51	20	10
19	8	250	6		H	84	78	76	77	19	5
22	5	UNL	5		FH	80	77	75	85	19	6

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 03						
01	2	UNL	6		F	64	63	62	93	00	0
04	3	UNL	5		F	64	62	61	90	36	6
07	10	200	6		H	68	63	60	76	01	8
10	10	250	7			74	65	60	62	02	8
13	10	250	6		H	80	69	63	56	12	7
16	5	UNL	6		H	83	70	63	51	14	6
19	3	UNL	6		H	78	70	66	67	13	7
22	9	65	6		H	73	70	68	84	12	8
					JUL 06						
01	7	150	7			72	69	68	87	18	5
04	2	UNL	5		F	71	70	69	93	15	6
07	2	UNL	4		H	76	73	71	85	18	8
10	10	250	6		H	84	76	73	70	16	7
13	9	31	6		H	86	78	74	68	18	14
16	10	250	7			86	77	73	65	16	7
19	10	90	5		RWF	71	70	70	97	25	4
22	10	95	6		RF	70	69	69	97	17	5
					JUL 09						
01	4	UNL	7			68	63	59	73	35	4
04	7	55	7			64	61	58	81	04	4
07	4	UNL	7			67	62	58	73	03	4
10	9	UNL	10			75	64	57	54	00	0
13	10	250	10			83	68	59	44	28	7
16	10	250	10			81	67	59	47	25	6
19	10	250	10			77	68	62	60	34	5
22	4	UNL	7			67	65	63	87	13	4
					JUL 12						
01	0	UNL	5		FH	70	69	68	93	00	0
04	0	UNL	4		FH	67	66	65	93	15	3
07	0	UNL	3		FH	74	71	69	85	00	0
10	5	UNL	3		H	88	73	66	48	27	5
13	7	60	6		H	88	71	62	42	14	4
16	8	70	6		H	89	73	65	45	20	10
19	1	UNL	6		H	82	74	70	67	15	5
22	1	UNL	5		FH	74	71	69	85	15	3
					JUL 15						
01	0	UNL	5		H	79	73	70	74	22	7
04	0	UNL	5		H	76	71	69	79	21	5
07	0	UNL	5		H	79	72	69	72	20	7
10	0	UNL	5		H	91	78	72	54	35	4
13	2	UNL	5		H	98	81	75	48	21	7
16	3	UNL	5		H	98	82	76	50	19	8
19	1	UNL	5		H	92	81	77	62	20	8
22	1	UNL	5		H	84	80	78	82	20	4
					JUL 18						
01	8	UNL	6		H	79	75	73	82	33	3
04	5	UNL	8			74	71	70	87	14	3
07	5	UNL	7			79	74	71	77	22	4
10	9	UNL	6		H	86	76	71	61	36	4
13	6	250	6		H	90	77	72	56	36	6
16	5	UNL	6		H	91	78	73	56	02	4
19	10	250	6		H	89	77	72	57	25	7
22	10	UNL	6		H	80	75	73	79	01	6

MAXIMUM SHORT DURATION PRECIPITATION

TIME PERIOD (MINUTES)	5	10	15	20	30	45	60	80	100	120	150	180
PRECIPITATION (INCHES)	0.17	0.31	0.43	0.54	0.73	0.90	1.00	1.00	1.00	1.05	1.05	1.10
ENDED: DATE	16	16	16	16	16	16	16	16	16	16	16	16
ENDED: TIME (LST)	1831	1836	1841	1846	1851	1904	1859	1859	1859	1959	1959	2059

THE PRECIPITATION AMOUNTS FOR THE INDICATED TIME INTERVALS MAY OCCURAT ANY TIME DURING THE MONTH. THE TIME INDICATED IS THE ENDING TIME OF THE INTERVAL. DATE AND TIME ARE NOTENTERED FOR TRACE AMOUNTS.

OBSERVATIONS AT 3-HOUR INTERVALS

JUL 1995 13740
RICHMOND, VA

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	8	80	7			75	72	70	85	36	5
04	5	UNL	12			72	68	66	82	33	4
07	1	UNL	10			77	71	67	71	32	5
10	8	UNL	10			86	70	61	43	01	10
13	10	UNL	10			87	70	60	40	03	10
16	10	UNL	10			88	71	62	42	36	5
19	10	UNL	10			83	70	63	51	35	4
22	0	UNL	8			72	68	65	79	14	3
JUL 20											
0	UNL	12				68	66	64	87	00	0
5	UNL	7				68	66	65	90	00	0
2	UNL	4			H	75	71	69	82	00	0
3	UNL	6			H	88	73	65	47	18	7
8	UNL	7				92	72	61	36	18	7
5	UNL	7				92	74	65	41	24	5
8	UNL	7				86	74	69	57	18	5
1	UNL	7				78	73	70	77	15	3
JUL 21											
3	UNL	6			H	75	72	70	85	18	6
6	49	5			H	78	74	72	82	18	8
8	UNL	3			H	80	76	74	82	19	8
10	UNL	5			H	87	79	76	70	22	9
10	110	5			H	89	80	77	68	22	7
10	250	5			H	85	79	77	77	20	10
10	21	6			F	75	73	72	90	06	8
10	70	6			F	74	73	72	94	17	4
JUL 22											
01	10	12	4		F	75	74	74	97	07	6
04	10	13	2	8	F	74	74	74	100	18	4
07	10	13	2	8	F	76	75	74	94	19	4
10	10	19	3		F	80	75	73	79	23	6
13	10	UNL	3		H	87	77	73	63	16	3
16	8	UNL	5		H	88	78	74	63	05	6
19	1	UNL	5		H	85	78	75	72	17	6
22	0	UNL	5		F	78	76	75	91	00	0
JUL 23											
0	UNL	4			F	76	75	75	97	18	4
0	UNL	4			F	73	72	72	97	19	3
8	180	4			F	80	77	75	85	20	5
8	UNL	6			H	90	79	74	59	24	10
8	250	6			H	96	79	72	46	20	12
3	UNL	7				94	79	73	51	22	10
1	UNL	8				89	78	73	59	22	9
0	UNL	7				81	76	74	79	16	3
JUL 24											
0	UNL	6			F	76	74	73	91	18	6
0	UNL	6			F	74	73	72	94	19	7
0	UNL	6			H	80	76	74	82	00	0
0	UNL	6			H	91	80	75	60	18	4
4	UNL	6			H	96	79	72	46	18	10
10	120	8				95	77	70	44	22	12
10	140	7				79	74	72	79	05	7
10	140	7				77	75	74	91	24	7
JUL 25											
01	8	140	7			77	74	73	88	17	4
04	5	UNL	7			74	73	72	94	17	6
07	9	UNL	6		H	76	73	72	88	20	8
10	5	UNL	7			86	77	73	65	30	4
13	5	UNL	7			94	79	73	51	20	6
16	6	250	12			96	78	71	45	20	10
19	4	UNL	12			90	78	73	58	21	5
22	0	UNL	12			82	78	76	82	18	9
JUL 26											
3	UNL	7				80	77	76	88	19	9
3	UNL	7				74	72	71	90	20	5
7	250	7				76	72	70	82	19	7
3	UNL	10				86	76	72	63	18	8
4	UNL	9				92	77	71	50	21	13
3	UNL	8				93	76	69	46	23	11
0	UNL	8				87	75	70	57	22	9
0	UNL	7				78	73	71	79	17	5
JUL 27											
0	UNL	7				75	72	71	87	00	0
0	UNL	5			F	74	73	72	94	20	4
5	UNL	3			F	79	76	74	85	16	6
9	UNL	5			H	91	80	75	60	17	8
10	55	6			H	95	79	72	48	18	8
9	250	6			H	92	77	71	50	17	9
8	150	8				88	77	73	61	20	9
10	32	6			TF	75	73	72	90	36	6
JUL 28											
01	10	130	5		F	71	71	71	100	18	8
04	5	UNL	6		F	74	73	72	94	20	9
07	4	UNL	7			77	74	73	88	21	8
10	10	UNL	10			86	76	72	63	22	16
13	10	250	10			90	77	71	54	19	14
16	7	250	15			93	77	70	47	20	9
19	7	250	15			86	76	72	63	17	8
22	6	250	15			80	75	72	77	17	7
JUL 29											
2	UNL	10				77	74	73	88	19	7
1	UNL	10				75	72	71	87	18	7
5	UNL	10				79	74	72	79	20	10
1	UNL	10				89	78	74	61	24	11
2	UNL	10				93	78	72	51	20	10
3	UNL	15				95	76	68	41	21	10
6	250	12				89	78	73	59	22	7
0	UNL	12				83	75	72	70	24	5
JUL 30											
1	UNL	10				77	74	73	88	19	8
1	UNL	10				78	75	73	85	24	7
1	UNL	7				80	75	73	79	30	4
2	UNL	6			H	88	75	69	53	02	6
6	60	6			H	93	75	67	43	04	8
2	UNL	6			H	90	75	68	48	06	6
3	UNL	5			H	86	74	68	55	36	6
0	UNL	5			H	76	72	70	82	00	0
JUL 31											
01	0	UNL	5		FH	74	71	70	87	33	2
04	0	UNL	6		F	71	70	70	97	02	3
07	2	UNL	2		F	77	74	72	85	15	2
10	2	UNL	5		H	91	76	69	49	08	5
13	3	UNL	6		H	93	72	60	33	36	5
16	4	UNL	10			93	72	61	35	03	9
19	2	UNL	10			85	72	66	53	12	7
22	0	UNL	10			77	70	66	69	13	5

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	DUSTGL
				GLAZE	

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 TWO-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	4	29.810	73	71	70	89	5.0	18	2.8
04	4	29.810	72	70	69	91	5.6	19	2.8
07	5	29.830	75	72	70	83	6.0	20	3.4
10	5	29.840	85	74	69	60	8.3	22	3.4
13	6	29.820	89	75	68	51	9.6	20	4.9
16	6	29.780	90	75	68	50	9.9	19	4.8
19	6	29.795	83	74	70	66	7.5	19	2.8
22	4	29.830	76	72	70	83	5.7	18	3.0

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

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

FIRST CLASS
POSTAGE AND FEES PAID
NOAA
PERMIT G-19

JUL 1995 13740
RICHMOND, VA
USCOM - NOAA - ASHEVILLE, NC 275

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	0.07	T	T	0.06	0.16	0.06	0.01	01
02	T	0.01	T	0.01	T	T		0.01	T																02
03																									03
04					T								T			T	0.04	0.01							04
05																									05
06																	T	0.46	0.09	0.05	0.02	T	0.03		06
07																									07
08																									08
09																									09
10																									10
11	T	T	0.08	0.01																					11
12																									12
13																									13
14																									14
15																									15
16																		T	1.00	0.05	0.05	0.02			16
17																	T	T							17
18																									18
19																									19
20																									20
21					0.02													T	0.03	T				0.02	21
22	T																								22
23																									23
24																	T	T							24
25																									25
26		0.02																							26
27																T				T	T	0.32	0.08	0.09	27
28	0.01																								28
29																									29
30																									30
31																									31