MAR 1993
WASHINGTON NAT'L AP, D.C.
WEA SER CONTRACT MET OBS
TERMINAL BLDG RM 408

INQUIRIES/COMMENTS CALL
(704) 271-4800

WASHINGTON NATIONAL AIRPORT

ISSN 0198-1188

LOCAL CLIMATOLOGICAL DATA
Monthly Summary

LATITUDE 38° 51'N LONGITUDE 77° 02'W ELEVATION (GROUND) 10 FEET TIME ZONE EASTERN 13743

MAR 1993
WASHINGTON NATL AP, D.C.

DATE 1	TEMPERATURE °F MAXIMUM 2	MINIMUM 3	AVERAGE 4	DEPARTURE FROM NORMAL 5	AVERAGE DEW POINT 6	DEGREE DAYS BASE 65°F HEATING (SEASON BEGINS WITH JUL) 7A	COOLING (SEASON BEGINS WITH JAN) 7B	WEATHER TYPES 1 FOG 2 HEAVY FOG 3 THUNDERSTORM 4 ICE PELLETS 5 HAIL 6 GLAZE 7 DUSTSTORM 8 SMOKE, HAZE 9 BLOWING SNOW 8	SNOW ICE PELLETS OR ICE ON GROUND AT 0700 INCHES 9	PRECIPITATION WATER EQUIVALENT (INCHES) 10	SNOW, ICE PELLETS (INCHES) 11	AVERAGE STATION PRESSURE IN INCHES ELEV. 65 FEET ABOVE M.S.L. 12	WIND (M.P.H.) RESULTANT DIR. 13	RESULTANT SPEED 14	AVERAGE SPEED 15	PEAK GUST SPEED 16	PEAK GUST DIRECTION 17	FASTEST 1-MIN SPEED 18	FASTEST 1-MIN DIRECTION 19	SUNSHINE MINUTES 20	SUNSHINE PERCENT OF TOTAL POSSIBLE 21	SKY COVER (TENTHS) SUNRISE TO SUNSET 22	SKY COVER (TENTHS) MIDNIGHT TO MIDNIGHT 23
01	50	26	38	-4	17	27	0		T	0.00	0.0	30.000	28	5.7	9.0	20	NW	14	25	592	87	5	4
02	61	31	46	4	33	19	0		0	0.00	0.0	29.810	29	3.2	8.3	24	W	18	29	578	85	9	8
03	54	40	47	4	37	18	0	1	0	0.15	0.0	29.890	05	7.5	9.0	20	NE	16	04	10	1	10	10
04	42	36	39	-4	38	26	0	1	0	1.24	0.0	29.540	05	15.5	20.2	55	NE	38	06	0	0	10	10
05	49	36	43	0	38	22	0	1 4	0	0.09	T	29.600	36	5.6	8.5	24	NW	16	32	0	0	10	10
06	47	36	42	-2	28	23	0		0	0.00	0.0	29.850	29	10.2	11.2	31	NW	17	32	207	30	8	7
07	57	30	44	0	30	21	0		0	0.00	0.0	29.910	18	8.2	8.9	21	S	15	17	674	97	4	4
08	60	36	48	3	34	17	0	3	0	0.08	0.0	29.665	26	6.3	10.2	36	NW	26	31	381	55	7	7
09	51	38	45	0	27	20	0		0	0.00	0.0	29.910	29	10.9	12.5	31	NW	18	30	424	60	7	5
10	44	32	38	-7	31	27	0	2	0	0.15	T	29.840	22	1.8	8.2	30	NW	16	30	5	1	10	8
11	45	32	39	-7	23	26	0		0	T	0.0	29.940	30	10.7	12.5	33	NW	18	30	591	84	5	4
12	46	28	37	-9	22	28	0	1	0	0.02	0.1	30.160	17	5.6	7.4	18	S	12	15	438	62	10	8
13	35	25	30	-16	31	35	0	234 9	3	2.29	6.5	29.140	02	16.6	20.2	47	NE	36	03	0	0	10	10
14	28	20	24	-23	4	41	0	1 9	5	T	T	29.680	29	17.2	17.8	44	W	25	27	494	69	9	7
15	33	15*	24*	-23	10	41	0		5	0.00	0.0	30.470	23	6.8	9.2	20	SW	14	24	716	100	0	0
16	46	28	37	-10	26	28	0		4	0.01	0.0	30.460	18	14.2	14.3	24	S	20	19	556	77	8	8
17	46	33	40	-8	38	25	0	2	1	0.94	0.0	30.150	34	4.5	9.2	35	N	23	35	0	0	10	10
18	33	19	26	-22	5	39	0		T	0.00	0.0	30.460	35	18.1	18.4	33	N	25	35	683	94	1	1
19	37	18	28	-20	11	37	0		T	0.00	0.0	30.640	05	6.5	9.3	16	N	13	36	717	99	6	5
20	45	29	37	-12	26	28	0		T	T	0.0	30.450	15	6.8	7.3	14	S	10	12	356	49	10	10
21	57	36	47	-2	37	18	0	1	0	0.10	0.0	30.280	20	1.6	8.1	15	N	12	33	508	69	6	7
22	56	40	48	-1	40	17	0	1 8	0	0.00	0.0	30.350	07	5.0	7.3	17	NE	13	06	247	34	9	9
23	45	43	44	-6	41	21	0	1 8	0	0.41	0.0	30.290	08	7.4	9.0	16	E	14	12	0	0	10	10
24	61	43	52	2	46	13	0	1	0	0.28	0.0	30.050	35	8.3	9.4	17	N	15	02	312	42	9	10
25	55	42	49	-1	41	16	0	1	0	T	0.0	30.170	01	6.9	8.6	15	N	14	02	293	40	9	7
26	63	37	50	0	41	15	0	1 8	0	0.00	0.0	30.140	06	2.5	5.8	14	E	10	10	609	82	8	7
27	50	44	47	-4	47	18	0	1 8	0	0.65	0.0	29.950	05	9.8	10.4	26	NE	22	05	0	0	10	10
28	60	50	55	4	52	10	0	1 3 8	0	0.04	0.0	29.740	05	4.5	6.3	16	NE	13	03	12	2	10	10
29	57	50	54	3	52	11	0	1	0	0.12	0.0	29.680	35	5.2	7.6	17	NW	14	32	0	0	10	10
30	69*	52	61*	9	49	4	0	1	0	T	0.0	29.720	34	10.1	11.6	24	N	18	35	312	41	10	9
31	65	46	56	4	49	9	0	1	0	0.25	0.0	29.790	14	7.1	8.7	23	SE	18	12	556	73	9	8
	SUM	SUM				TOTAL	TOTAL	NUMBER OF DAYS		TOTAL	TOTAL	FOR THE MONTH:								TOTAL	%	SUM	SUM
	1547	1071				700	0			6.82	6.6	29.990	35	2.5	10.5	55	NE	38	06	10271	FOR	249	233
	AVG.	AVG.	AVG.	DEP.	AVG.	DEP.	DEP.	PRECIPITATION		DEP.						DATE: 4		DATE: 4		POSSIBLE	MONTH	AVG.	AVG.
	49.9	34.5	42.2	-5.0	32.3	105	0	≥ .01 INCH	16	3.65										22272	46	8.0	7.5

NUMBER OF DAYS				SEASON TO DATE TOTAL	SEASON TO DATE TOTAL	SNOW, ICE PELLETS		GREATEST IN 24 HOURS AND DATES				GREATEST DEPTH ON GROUND OF SNOW, ICE PELLETS OR ICE AND DATE	
MAXIMUM TEMP.		MINIMUM TEMP.				≥ 1.0 INCH	1	PRECIPITATION		SNOW, ICE PELLETS			
≥ 90°	≤ 32°	≤ 32°	≤ 0°	DEP.	DEP.	THUNDERSTORMS	3						
0	1	13	0	120	0	HEAVY FOG	3	2.31	12-13	6.6	12-13	6	13
						CLEAR 2	PARTLY CLOUDY 7	CLOUDY 22					

* 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 WIND SPEEDS 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. Wadell
DIRECTOR
NATIONAL CLIMATIC DATA CENTER

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

OBSERVATIONS AT 3-HOUR INTERVALS

MAR 1993 13743
WASHINGTON NAT'L AP, D.C.

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)
					MAR 1st						
01	0	UNL	12			28	23	10	47	31	8
04	0	UNL	12			27	23	12	53	32	9
07	1	UNL	10			26	22	12	55	32	5
10	10	120	10			37	29	12	36	33	10
13	5	UNL	15			46	35	13	26	28	8
16	2	UNL	12			50	38	17	27	22	11
19	10	65	15			42	36	26	53	18	5
22	3	UNL	15			41	33	20	43	19	5
					MAR 2nd						
01	0	UNL	12			35	32	28	76	19	6
04	4	UNL	10			32	30	26	79	23	5
07	6	50	9			34	33	30	85	19	6
10	9	UNL	12			47	40	31	54	14	6
13	10	UNL	15			59	48	36	42	30	14
16	10	250	15			59	49	37	44	34	11
19	10	250	12			47	43	37	68	05	4
22	10	250	12			47	43	37	68	07	4
					MAR 3rd						
01	10	200	12			44	41	37	77	19	5
04	10	200	12			42	40	37	83	34	5
07	10	110	7			46	41	35	66	06	3
10	10	110	9			48	43	36	63	05	8
13	10	85	9			53	45	36	53	02	6
16	10	110	9			50	44	37	61	05	12
19	10	55	8			48	43	36	63	06	11
22	10	48	5		RF	42	41	39	89	04	10
					MAR 4th						
01	10	9	3		RF	40	40	39	96	04	13
04	10	9	4		RF	39	39	38	96	04	16
07	10	9	3		RF	39	39	38	96	05	20
10	10	13	2	8	RF	41	41	40	96	06	26
13	10	13	2	8	RF	40	40	39	96	06	30
16	10	13	3		RF	41	41	40	96	05	19
19	10	23	5		RF	41	40	39	93	29	14
22	10	11	10			37	36	35	93	24	7
					MAR 5th						
01	8	110	12			37	36	35	93	16	4
04	10	95	10			38	37	36	93	04	8
07	10	41	10			38	38	37	96	04	6
10	10	8	4		RWF	40	40	39	96	04	7
13	10	95	4		F	47	45	42	83	04	6
16	10	15	5		F	45	44	42	89	36	10
19	10	24	7			39	38	37	93	33	12
22	10	55	7			38	37	36	93	32	7
					MAR 6th						
01	10	50	8			38	37	35	89	33	6
04	10	85	10			37	35	31	79	28	8
07	10	48	15			37	34	28	70	25	9
10	4	UNL	15			43	37	27	53	30	15
13	10	44	20			44	37	27	51	27	14
16	9	50	15			45	37	26	47	31	12
19	8	60	15			42	36	27	55	30	8
22	0	UNL	15			38	33	24	57	26	6
					MAR 7th						
01	0	UNL	15			35	31	24	64	20	6
04	0	UNL	12			33	30	25	73	10	4
07	0	UNL	10			31	30	27	85	21	6
10	3	UNL	10			43	38	32	65	17	8
13	4	UNL	10			52	43	30	43	17	12
16	6	UNL	20			56	44	27	33	16	10
19	9	UNL	15			47	40	31	54	15	5
22	10	UNL	15			41	38	35	79	18	8
					MAR 8th						
01	10	100	15			42	39	36	79	19	5
04	10	100	12			40	39	38	93	10	4
07	5	UNL	8			37	37	36	96	18	5
10	5	UNL	12			51	45	37	59	17	7
13	8	95	15			59	48	36	42	21	11
16	8	75	20			59	46	30	33	29	17
19	9	85	20			53	43	29	40	31	12
22	0	UNL	15			45	39	31	58	28	9
					MAR 9th						
01	1	UNL	15			40	36	29	65	19	6
04	7	60	15			39	35	29	67	21	6
07	3	UNL	15			42	36	28	58	29	12
10	6	48	15			47	40	29	50	30	12
13	9	55	15			50	40	26	39	30	12
16	7	70	15			49	39	25	39	30	15
19	3	UNL	12			46	38	25	44	31	10
22	2	UNL	12			43	36	25	49	29	12
					MAR 10th						
01	2	UNL	12			40	34	24	53	29	8
04	10	230	12			39	34	25	57	34	4
07	10	230	12			38	34	27	65	17	8
10	10	5	0	4	SF	32	32	32	100	19	6
13	10	9	6		F	37	36	35	93	12	10
16	10	55	12			42	39	36	79	14	8
19	10	65	10			42	39	35	76	32	10
22	0	UNL	10			40	38	35	82	33	11
					MAR 11th						
01	0	UNL	15			40	36	31	70	28	8
04	9	55	15			40	36	30	68	23	6
07	10	45	15		RW	41	37	31	68	26	7
10	5	UNL	15			41	36	27	58	33	13
13	6	43	15			44	36	22	42	29	14
16	3	UNL	20			42	33	18	38	30	16
19	0	UNL	15			37	30	16	42	31	13
22	0	UNL	15			34	28	16	48	30	7
					MAR 12th						
01	0	UNL	15			31	27	18	59	09	2
04	0	UNL	15			30	27	20	66	24	5
07	10	UNL	10			29	27	22	75	24	6
10	10	UNL	12			39	32	20	47	24	9
13	10	UNL	15			43	35	21	42	16	9
16	10	250	15			44	35	19	37	17	10
19	10	110	12			40	34	24	53	13	10
22	10	110	12			39	33	24	55	15	10
					MAR 13th						
01	10	5	0	12	SF	33	33	33	100	12	6
04	10	6	0	10	SF	32	32	32	100	06	8
07	10	7	0	4	SF	31	31	31	100	04	15
10	10	5	0	6	SF	33	33	33	100	04	24
13	10	9	3		IPSF	33	33	33	100	04	20
16	10	11	6		RIPF	35	34	33	92	02	25
19	10	15	7		SG	30	29	27	89	33	15
22	10	20	2	12	SF	26	25	22	85	31	23
					MAR 14th						
01	10	27	2	12	SFBS	25	23	18	75	29	18
04	10	50	10			26	22	11	53	29	16
07	10	120	15			25	20	8	48	28	20
10	9	120	10			27	21	4	37	28	18
13	10	250	15			27	21	2	34	30	20
16	10	250	15			27	20	0	31	29	14
19	0	UNL	15			24	18	-3	30	31	12
22	0	UNL	12			22	16	-4	31	30	10
					MAR 15th						
01	0	UNL	12			20	15	1	43	26	8
04	0	UNL	10			18	14	1	47	30	6
07	0	UNL	10			17	15	12	81	23	4
10	0	UNL	12			25	20	6	44	22	6
13	0	UNL	15			31	24	7	36	23	9
16	0	UNL	15			33	27	14	46	24	11
19	0	UNL	15			30	26	18	61	20	9
22	0	UNL	12			29	26	20	69	15	9
					MAR 16th						
01	0	UNL	10			29	27	24	82	16	10
04	7	UNL	10			29	28	25	85	18	10
07	7	UNL	12			30	28	23	75	18	14
10	8	UNL	15			38	30	15	39	19	17
13	10	UNL	15			42	34	20	41	18	15
16	8	UNL	15			45	38	26	47	18	13
19	10	250	15			44	39	33	65	17	12
22	10	45	12			41	39	36	83	18	10
					MAR 17th						
01	10	43	7		R	39	39	38	96	19	6
04	10	37	5		RF	40	40	39	96	20	5
07	10	30	2	4	RF	39	39	39	100	16	5
10	10	7	1	4	RF	41	41	41	100	02	5
13	10	16	0	8	RF	45	45	45	100	17	3
16	10	65	5		RF	46	46	45	96	31	10
19	10	17	7			44	42	39	83	35	20
22	10	35	12			35	32	26	70	35	16
					MAR 18th						
01	1	UNL	20			32	27	18	56	33	19
04	1	UNL	20			25	20	7	46	35	22
07	3	UNL	20			19	16	4	52	36	19
10	0	UNL	20			23	19	6	48	34	19
13	0	UNL	20			28	21	2	33	36	17
16	0	UNL	20			30	23	5	34	35	14
19	1	UNL	20			26	20	4	39	01	12
22	0	UNL	15			24	19	2	38	01	13

MAXIMUM SHORT DURATION PRECIPITATION

TIME PERIOD (MINUTES)	5	10	15	20	30	45	60	80	100	120	150	180
PRECIPITATION (INCHES)	0.06	0.09	0.13	0.15	0.20	0.29	0.37	0.47	0.55	0.64	0.76	0.86
ENDED: DATE	27	27	27	27	27	13	13	13	13	13	13	13
ENDED: TIME	1557	1559	1603	1603	1603	1109	1122	1137	1204	1216	1246	1255

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

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WASHINGTON NAT'L AP, D.C.

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)
					MAR 19th						
01	0	UNL	15			22	17	1	40	02	10
04	0	UNL	15			19	15	2	47	01	10
07	0	UNL	12			19	15	2	47	02	9
10	2	UNL	12			26	21	9	49	05	7
13	8	UNL	15			34	27	11	38	04	7
16	5	UNL	15			36	29	15	42	12	8
19	10	UNL	12			32	27	18	56	12	7
22	10	120	12			31	28	21	67	10	8
					MAR 22nd						
01	10	60	7			42	41	40	93	18	6
04	10	60	10			41	40	39	93	18	4
07	5	UNL	6		F	40	40	39	96	19	4
10	9	75	5		H	50	46	42	74	05	9
13	10	65	8			56	49	41	57	04	4
16	10	49	10			54	48	41	62	05	6
19	10	90	10			49	45	40	71	10	7
22	7	UNL	10			44	41	36	74	05	7
					MAR 25th						
01	10	12	6		F	46	45	44	93	05	9
04	10	9	4		LF	43	43	42	96	03	6
07	10	20	6		F	43	42	40	89	02	11
10	10	15	8			44	42	40	86	06	6
13	10	23	12			51	47	42	72	02	6
16	10	30	12			54	49	43	67	32	7
19	1	UNL	10			47	44	41	80	33	8
22	0	UNL	10			44	42	40	86	04	4
					MAR 28th						
01	10	4	4		LF	50	50	50	100	04	9
04	10	2	1	8	RLF	50	50	50	100	03	8
07	10	2	0	10	LF	51	51	51	100	05	5
10	10	5	1	6	LF	53	53	53	100	03	6
13	10	6	5		F	54	54	54	100	11	6
16	10	13	6		F	58	56	54	87	02	4
19	10	20	8			56	54	52	87	25	5
22	10	33	7			53	53	52	96	13	2
					MAR 31st						
01	3	UNL	12			54	50	47	77	11	4
04	3	UNL	12			48	48	47	96	24	4
07	6	UNL	8			48	48	48	100	24	3
10	7	UNL	12			61	55	50	67	18	7
13	10	39	15			63	56	50	63	13	8
16	10	110	15			60	55	50	70	15	10
19	10	17	7		R	52	51	49	90	16	14
22	10	8	6		RF	49	49	48	96	11	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)
					MAR 20th						
01	10	250	12			30	28	23	75	13	8
04	10	110	12			30	27	21	69	15	4
07	9	250	12			30	27	22	72	13	6
10	10	250	12			36	32	24	62	16	7
13	10	250	15			41	35	24	51	15	7
16	10	250	15			44	37	25	47	17	6
19	10	95	12			40	36	30	68	11	8
22	10	110	12			39	35	30	70	15	8
					MAR 23rd						
01	10	95	8			44	41	37	77	08	7
04	10	45	7			43	41	38	83	04	5
07	10	36	6		H	44	41	37	77	09	9
10	10	20	6		H	44	41	38	80	12	8
13	10	9	5		RF	44	44	43	96	14	9
16	10	7	2	8	RF	43	43	43	100	11	9
19	10	9	2	8	RF	44	44	43	96	08	8
22	10	7	4		RF	45	45	45	100	34	6
					MAR 26th						
01	1	UNL	7			41	41	40	96	24	5
04	4	UNL	7			39	39	38	96	32	8
07	6	UNL	4		FH	40	39	38	93	19	2
10	5	UNL	6		H	50	46	41	71	07	6
13	9	250	10			57	49	41	55	35	6
16	10	150	12			61	51	42	50	02	5
19	10	UNL	12			53	48	43	69	07	6
22	10	250	12			49	46	43	80	16	6
					MAR 29th						
01	10	7	4		F	51	51	51	100	00	0
04	10	8	5		F	51	51	50	96	03	9
07	10	5	5		F	50	50	50	100	01	5
10	10	6	4		F	53	53	52	96	12	2
13	10	11	5		F	54	54	53	96	07	5
16	10	41	5		RWF	56	55	54	93	31	7
19	10	30	5		RF	55	54	53	93	32	12
22	10	21	7			54	54	53	96	31	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)
					MAR 21st						
01	10	85	12			38	36	32	79	17	8
04	10	50	7		R	36	36	35	96	18	8
07	10	47	9			37	36	35	93	19	5
10	9	45	10			42	40	37	83	24	6
13	2	UNL	10			50	45	40	69	10	5
16	3	UNL	12			56	48	39	53	33	10
19	2	UNL	12			49	43	36	61	34	7
22	8	55	12			44	42	39	83	18	5
					MAR 24th						
01	10	6	1	12	RF	43	43	43	100	04	7
04	10	6	3		RF	46	46	46	100	32	7
07	10	7	4		LF	44	44	43	96	32	6
10	10	14	5		F	46	45	44	93	31	10
13	8	UNL	10			58	53	48	70	31	7
16	9	120	12			60	54	49	67	34	10
19	10	24	8			55	51	47	75	35	10
22	10	16	10			48	47	45	89	02	7
					MAR 27th						
01	10	UNL	7			47	46	44	89	17	2
04	10	250	6		FH	44	44	44	100	03	5
07	10	120	4		FH	44	44	44	100	05	8
10	10	10	6		F	47	46	45	93	05	12
13	10	8	6		RF	48	48	47	96	04	12
16	10	8	2	4	RF	48	48	48	100	14	6
19	10	9	3		LF	49	49	49	100	03	9
22	10	5	2	8	LF	49	49	49	100	03	10
					MAR 30th						
01	10	45	7		R	53	53	52	96	33	10
04	53	51	50	90	33	8					
07	10	28	15			54	51	49	83	33	9
10	10	25	15			57	53	50	78	31	10
13	10	36	15			65	57	51	61	33	13
16	10	55	15			66	57	49	55	36	12
19	8	65	15			61	54	47	60	36	8
22	7	65	12			54	51	49	83	05	7

WEATHER CODES

*	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 BLOWS, 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, EXP RESSED IN KNOTS (MPH=KNOTS X 1.15).

SUMMARY BY HOURS

HOUR L.S.T.	AVERAGES: SKY COVER (TENTHS)	AVERAGES: STATION PRESSURE (INCHES)	AVERAGES: TEMPERATURE AIR TEMP °F	AVERAGES: TEMPERATURE WET BULB °F	AVERAGES: TEMPERATURE DEW POINT °F	AVERAGES: REL HUMIDITY %	AVERAGES: WIND SPEED (MPH)	RESULTANT WIND: DIRECTION	RESULTANT WIND: SPEED (MPH)
01	6	30.010	38	36	32	79	8.5	30	0.7
04	7	30.000	37	35	31	81	8.6	34	3.0
07	7	30.020	37	35	31	81	9.3	35	1.4
10	8	30.010	42	38	32	71	12.1	01	3.3
13	8	29.950	47	41	33	63	12.4	02	2.6
16	8	29.940	48	42	33	60	12.5	34	3.7
19	8	29.910	44	39	33	69	11.4	34	4.4
22	7	29.995	41	38	33	75	9.9	34	2.1

NATIONAL CLIMATIC DATA CENTER
FEDERAL BUILDING
37 BATTERY PARK AVE
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MAR 1993 13743
WASHINGTON NAT'L AP, D.C.
USCOMM - NOAA - ASHEVILLE, NC 875

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																					T	0.01	0.06	0.08	03
04	0.05	0.10	0.08	0.03	0.01	0.04	0.08	0.15	0.11	0.06	0.08	0.02	0.05	0.06	0.08	0.09	0.07	0.03	0.04	0.01	T	T			04
05							T	0.01	0.01	T	0.01						0.01	0.04	0.01	T	T	T			05
06																									06
07																									07
08														0.08					T	T					08
09																									09
10										0.06	0.04	0.02	0.02	0.01			T								10
11							T	T																	11
12																							T	0.02	12
13	0.05	0.03	0.04	0.04	0.07	0.06	0.07	0.10	0.14	0.16	0.36	0.26	0.23	0.17	0.11	0.11	0.18	0.05	T	0.02	0.02	0.01	0.01	T	13
14	T	T	T		T	T																			14
15																									15
16																								0.01	16
17	0.02	0.01	0.01	0.01	0.01	0.04	0.04	0.02	0.02	0.10	0.15	0.20	0.13	0.06	0.05	0.05	0.02	T							17
18																									18
19																									19
20																								T	20
21		T	T	0.04	0.05	0.01	T																		21
22																									22
23										T	T	0.01	0.03	0.01	T	0.01	T	0.01	0.05	0.06	0.01	0.05	0.09	0.08	23
24	0.16	0.04	0.03	0.01	T	0.02	0.02	T																	24
25	T	T	T	T	T	T																			25
26																									26
27											T	0.02	0.10	0.07	0.05	0.30	0.09	T	T	T	T	0.01	T	0.01	27
28	T	T	T	T	0.02	0.01	0.01	T	T	T	T	T													28
29	T	T										T	T	T	0.01	0.01	0.01	0.01	0.03	0.01	0.01	T	T	0.03	29
30	T	T																							30
31																		T	T	0.04	T	0.07	0.03	0.11	31