MAR 1993
WASHINGTON DULLES AP, D.C.
NAT'L WEA SER CONTRACT MET OBS
DULLES INT'L AIRPORT

INQUIRIES/COMMENTS CALL
(704) 271-4800

DULLES INTERNATIONAL AIRPORT

LOCAL CLIMATOLOGICAL DATA
Monthly Summary

ISSN 0198-1323

LATITUDE 38° 57'N LONGITUDE 77° 27'W ELEVATION (GROUND) 290 FEET TIME ZONE EASTERN 93738

MAR 1993
WASHINGTON DULLES 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. 323 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	PERCENT OF TOTAL POSSIBLE 21	SKY COVER (TENTHS) SUNRISE TO SUNSET 22	MIDNIGHT TO MIDNIGHT 23
01	50	16	33	-5	17	32	0		0	0.00	0.0	29.720	27	3.5	7.3	21	W	17	27			8	6
02	61	27	44	6	31	21	0		0	0.00	0.0	29.535	30	2.4	6.3	18	W	12	30			10	8
03	54	38	46	7	36	19	0	1 8	0	0.10	0.0	29.600	07	4.7	5.5	15	E	10	07			10	10
04	40	34	37	-2	37	28	0	1	0	2.16	T	29.260	06	12.2	16.1	58	E	32	07			10	10
05	43	31	37	-2	36	28	0	1	0	0.12	0.0	29.320	35	3.6	6.9	18	N	12	33			10	10
06	45	29	37	-3	27	28	0		0	0.00	0.0	29.570	29	8.8	9.7	29	W	17	31			9	7
07	57	26	42	2	26	23	0		0	0.00	0.0	29.610	18	7.9	8.6	21	S	14	18			6	5
08	59	29	44	4	31	21	0		0	0.01	0.0	29.390	25	6.6	8.7	35	NW	16	29			7	6
09	50	35	43	2	27	22	0		0	0.00	0.0	29.630	29	10.4	12.2	36	NW	20	32			5	6
10	41	28	35	-6	31	30	0	2	0	0.16	1.4	29.550	24	2.6	6.3	35	NW	18	32			10	8
11	43	30	37	-5	23	28	0		0	T	0.0	29.660	30	10.4	11.9	35	NW	21	30			5	4
12	45	20	33	-9	21	32	0	1	0	T	T	29.860	17	3.5	6.3	18	S	12	31			10	8
13	33	22	28	-14	28	37	0	2 4 9	4	1.53	13.9	28.905	02	12.8	16.7	44	NW	29	31			10	10
14	25	15	20	-23	4	45	0	9	13	0.02	0.2	29.400	29	17.9	18.2	47	NW	30	30			10	7
15	32	-1*	16*	-27	3	49	0		12	0.00	0.0	30.170	21	5.3	7.7	20	SW	14	24			0	0
16	47	24	36	-7	17	29	0		8	T	0.0	30.150	18	11.4	12.5	33	S	21	18			8	7
17	43	31	37	-7	36	28	0	2	4	1.14	0.0	29.870	33	2.7	8.0	30	N	16	32			10	10
18	31	18	25	-19	8	40	0		1	0.00	0.0	30.170	34	13.2	14.1	29	NW	20	32			0	0
19	37	12	25	-19	9	40	0		1	0.00	0.0	30.340	01	3.0	6.8	13	SE	9	14			5	5
20	44	27	36	-9	25	29	0		1	T	0.0	30.140	18	7.0	7.6	16	S	12	21			10	10
21	55	34	45	0	36	20	0	1	T	0.18	0.0	29.990	27	2.1	5.8	15	NW	10	30			6	7
22	57	32	45	0	37	20	0		T	0.00	0.0	30.060	03	2.9	4.5	15	N	9	36			10	9
23	45	40	43	-3	39	22	0	1 8	0	0.47	0.0	30.000	10	4.9	6.9	18	SE	13	12			10	10
24	58	39	49	3	43	16	0	1 8	0	0.11	0.0	29.770	36	7.5	8.3	16	N	13	03			10	10
25	50	35	43	-3	40	22	0	1 8	0	T	0.0	29.885	36	5.7	7.4	16	N	12	04			10	8
26	64	31	48	1	38	17	0	2 8	0	0.00	0.0	29.855	35	2.4	4.1	12	N	9	32			7	7
27	50	39	45	-2	45	20	0	1	0	0.70	0.0	29.670	05	6.8	7.5	22	NE	14	05			10	10
28	58	50	54	7	52	11	0	1 3 8	0	0.18	0.0	29.470	06	4.3	5.6	16	NE	13	05			10	10
29	57	51	54	7	52	11	0	1	0	0.28	0.0	29.410	34	5.4	6.7	16	NW	10	33			10	10
30	69*	46	58*	10	48	7	0	1	0	T	0.0	29.450	34	8.5	10.3	29	NW	16	33			7	6
31	66	39	53	5	46	12	0	1	0	0.49	0.0	29.490	14	7.5	8.8	23	SE	17	14			9	7
	SUM	SUM				TOTAL	TOTAL	NUMBER OF DAYS		TOTAL	TOTAL	FOR THE MONTH:								TOTAL	% FOR MONTH	SUM	SUM
	1509	927				787	0			7.65	15.5	29.710	33	2.0	8.8	58	E	32	07			252	231
	AVG.	AVG.	AVG.	DEP.	AVG.	DEP.	DEP.	PRECIPITATION		DEP.						DATE: 4		DATE: 4		POSSIBLE		AVG.	AVG.
	48.7	29.9	39.3	-3.9	30.5	86	0	≥ .01 INCH.	15	4.48												8.1	7.5

NUMBER OF DAYS				SEASON TO DATE TOTAL	TOTAL								
MAXIMUM TEMP.		MINIMUM TEMP.		4501	0	SNOW, ICE PELLETS ≥ 1.0 INCH	2	GREATEST IN 24 HOURS AND DATES				GREATEST DEPTH ON GROUND OF SNOW, ICE PELLETS OR ICE AND DATE	
≥ 90°	≤ 32°	≤ 32°	≤ 0°	DEP.	DEP.	THUNDERSTORMS	1	PRECIPITATION		SNOW, ICE PELLETS			
0	3	19	1	-2	0	HEAVY FOG	4	2.16	04	13.9	13	13	14+
						CLEAR 2	PARTLY CLOUDY 8			CLOUDY 21			

* 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
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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 93738
WASHINGTON DULLES 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	20			25	21	12	58	30	6
04	0	UNL	20			22	19	12	65	34	5
07	4	UNL	20			19	17	12	74	17	5
10	9	120	20			37	29	14	39	27	5
13	10	140	20			46	35	16	30	28	12
16	3	UNL	20			49	37	18	29	22	7
19	10	60	20			44	35	20	38	20	7
22	9	55	20			34	30	22	62	12	5
					MAR 2nd						
01	2	UNL	20			30	28	23	75	20	4
04	10	48	20			29	27	24	82	20	4
07	5	UNL	15			31	28	23	72	18	3
10	10	UNL	15			51	42	31	47	34	4
13	10	UNL	20			58	46	32	38	30	10
16	10	250	15			57	48	38	49	33	9
19	10	250	12			47	42	36	66	00	0
22	10	250	12			44	40	35	71	06	5
					MAR 3rd						
01	10	250	12			46	41	35	66	01	5
04	10	200	12			38	37	35	89	00	0
07	10	110	10			39	37	35	86	00	0
10	10	110	10			50	44	36	59	09	7
13	10	80	7			53	45	36	53	08	5
16	10	150	8			53	45	36	53	06	8
19	10	47	5		H	48	42	34	59	08	9
22	10	40	4		RF	43	41	39	86	07	6
					MAR 4th						
01	10	10	2		RF	40	40	39	96	06	12
04	10	10	2		RF	38	38	37	96	05	13
07	10	10	2		RF	38	37	36	93	07	18
10	10	13	2		RF	39	38	37	93	07	22
13	10	13	4		RF	39	38	37	93	07	28
16	10	11	3		RF	40	39	38	93	06	12
19	10	6	3		RF	35	35	34	96	29	12
22	10	110	12			35	35	34	96	25	5
					MAR 5th						
01	10	75	15			35	35	34	96	15	5
04	10	17	10			37	36	35	93	13	5
07	10	20	5		F	37	37	36	96	06	6
10	10	9	1	8	RF	38	38	37	96	01	6
13	10	7	2		LF	42	41	40	93	01	5
16	10	5	3		RF	39	38	37	93	33	10
19	10	44	7		L	37	37	36	96	31	8
22	3	UNL	12			34	34	33	96	30	4
					MAR 6th						
01	10	55	12			34	34	33	96	28	3
04	10	70	15			36	33	28	73	30	10
07	9	46	20			37	33	25	62	30	6
10	5	UNL	20			41	36	29	62	31	15
13	10	37	20			43	37	28	56	31	15
16	10	45	20			42	36	27	55	30	10
19	7	55	15			40	35	27	60	29	6
22	0	UNL	15			31	29	24	75	00	0
					MAR 7th						
01	0	UNL	20			29	27	22	75	19	3
04	0	UNL	20			26	25	22	85	20	5
07	0	UNL	20			27	25	22	81	18	4
10	3	UNL	20			44	38	28	54	18	8
13	7	UNL	20			52	42	27	38	26	8
16	9	UNL	20			55	43	27	34	18	12
19	9	UNL	15			47	39	26	44	13	6
22	10	250	15			46	39	30	54	16	9
					MAR 8th						
01	6	90	15			40	36	31	70	18	5
04	8	UNL	20			32	31	30	92	23	3
07	10	130	15			32	31	30	92	21	4
10	4	UNL	15			51	43	32	48	22	10
13	10	50	15			52	43	32	47	22	11
16	4	UNL	30			57	45	30	36	27	12
19	9	70	20			45	41	36	71	30	12
22	7	70	20			43	37	29	58	27	6
					MAR 9th						
01	1	UNL	20			37	33	26	65	25	6
04	10	47	20			38	34	27	65	23	4
07	5	UNL	20			40	36	29	65	30	10
10	3	UNL	20			45	38	27	49	28	15
13	8	50	20			46	38	25	44	31	15
16	6	60	20			48	38	24	39	30	15
19	6	65	20			43	36	25	49	28	12
22	6	60	20			39	34	25	57	24	6
					MAR 10th						
01	10	50	15			37	33	25	62	21	4
04	8	250	15			30	28	25	82	31	4
07	10	110	15			31	30	27	85	00	0
10	10	1	0	4	SF	32	32	31	96	14	4
13	10	7	4		F	34	33	32	92	13	6
16	10	10	5		F	38	37	35	89	22	4
19	8	60	8			36	36	35	96	10	4
22	4	UNL	20			40	38	34	79	32	16
					MAR 11th						
01	0	UNL	20			41	36	29	62	27	10
04	10	50	15			40	35	28	62	23	4
07	10	49	15			39	36	31	73	32	10
10	3	UNL	15			38	33	25	60	31	16
13	7	44	20			41	34	21	45	30	14
16	3	UNL	25			41	33	20	43	31	13
19	0	UNL	20			35	29	18	50	31	14
22	0	UNL	20			32	27	18	56	30	7
					MAR 12th						
01	0	UNL	20			30	27	20	66	31	9
04	0	UNL	15			26	24	18	72	00	0
07	9	UNL	20			22	21	19	88	19	4
10	10	UNL	20			36	30	19	50	20	6
13	10	UNL	20			43	34	19	38	22	4
16	10	60	20			43	35	20	40	10	6
19	10	100	15			41	34	21	45	15	7
22	10	75	12			38	33	24	57	16	7
					MAR 13th						
01	10	5	0	12	SF	33	32	31	92	13	5
04	10	4	0	8	SF	32	32	31	96	07	8
07	10	4	0	8	SF	31	31	30	96	04	14
10	10	3	0	4	SF	31	31	31	100	05	16
13	10	6	0	4	SF	30	30	30	100	04	12
16	10	8	0	8	IPSF	31	31	30	96	35	13
19	10	14	0	8	SF	27	26	24	89	35	18
22	10	16	0	8	IPSFBS	24	23	22	92	31	25
					MAR 14th						
01	10	26	2		SBS	22	20	16	78	29	16
04	10	42	7			21	18	12	68	30	26
07	10	42	20			21	18	9	60	28	22
10	10	120	25			21	17	4	48	29	21
13	10	110	25			22	17	1	40	28	19
16	10	250	25			24	18	0	35	31	19
19	1	UNL	20			24	18	-2	32	29	14
22	0	UNL	20			18	14	-4	37	30	7
					MAR 15th						
01	0	UNL	20			16	12	-3	43	30	6
04	0	UNL	20			11	9	0	61	33	4
07	0	UNL	20			0	-1	-4	83	00	0
10	0	UNL	15			23	18	4	44	21	5
13	0	UNL	20			28	22	5	37	24	12
16	0	UNL	25			31	24	5	33	24	10
19	0	UNL	25			27	21	6	41	15	6
22	0	UNL	20			26	21	6	42	15	7
					MAR 16th						
01	0	UNL	20			27	22	7	43	16	8
04	3	UNL	20			26	21	8	46	19	8
07	8	250	20			28	23	12	51	19	13
10	7	UNL	20			37	30	15	41	21	12
13	10	UNL	20			44	34	16	32	20	11
16	10	UNL	20			46	36	18	33	20	16
19	10	100	20			44	37	25	47	16	6
22	10	40	20			42	37	30	63	28	6
					MAR 17th						
01	10	40	12		RW	40	37	32	73	18	6
04	10	18	10		R	39	38	37	93	18	6
07	10	16	3		RF	39	39	39	100	16	7
10	10	19	0	12	RF	40	40	40	100	13	4
13	10	4	0	12	RF	42	42	42	100	32	5
16	10	2	1		RF	41	41	41	100	34	6
19	10	36	15			41	38	34	76	34	11
22	10	90	15			35	31	24	64	34	14
					MAR 18th						
01	0	UNL	20			29	26	18	64	32	15
04	1	UNL	20			24	21	12	60	32	17
07	0	UNL	20			18	15	4	54	35	14
10	0	UNL	25			20	16	4	50	33	14
13	0	UNL	30			26	22	10	51	33	15
16	0	UNL	30			28	22	8	43	31	9
19	0	UNL	30			25	20	8	48	34	8
22	0	UNL	20			22	18	4	46	02	11

MAXIMUM PCPN DATA NOT RECORDED.

MAXIMUM SHORT DURATION PRECIPITATION

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

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 1993 93738
WASHINGTON DULLES 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	20			17	14	3	54	36	5
04	0	UNL	20			14	12	4	64	02	6
07	0	UNL	20			13	11	2	61	35	5
10	5	UNL	20			27	21	4	37	35	4
13	7	UNL	20			32	25	8	36	02	4
16	6	UNL	20			35	28	13	40	32	8
19	10	UNL	20			32	27	16	52	11	7
22	10	120	15			31	27	19	61	14	8
					MAR 20th						
01	10	110	15			30	27	22	72	14	6
04	10	110	12			29	27	23	78	14	5
07	10	250	12			27	25	21	78	18	4
10	10	250	15			33	30	23	67	21	8
13	10	110	20			38	33	24	57	19	10
16	10	95	20			43	36	25	49	21	10
19	10	120	15			39	34	27	62	17	4
22	10	110	15			38	34	28	67	15	6
					MAR 21st						
01	10	55	10		R	36	34	30	79	18	4
04	10	40	5		RF	35	34	33	92	22	4
07	10	48	3		F	34	34	34	100	15	5
10	10	7	3		F	39	38	36	89	26	6
13	0	UNL	15			50	45	39	66	32	5
16	2	UNL	15			54	47	38	55	30	9
19	3	UNL	12			46	42	37	71	35	4
22	6	55	10			36	35	34	93	23	3
					MAR 22nd						
01	10	44	10			37	36	35	93	00	0
04	10	55	10			36	35	34	93	00	0
07	10	65	8			34	34	33	96	06	4
10	10	65	12			51	45	39	64	03	3
13	10	60	15			56	48	39	53	11	6
16	10	65	15			55	48	41	60	03	6
19	10	55	8			48	43	38	69	02	7
22	10	60	8			43	40	35	74	06	5
					MAR 23rd						
01	10	80	7			43	39	33	68	07	5
04	10	40	6		H	42	39	35	76	14	3
07	10	32	5		H	43	40	36	76	11	4
10	10	22	5		RWH	44	41	37	77	12	8
13	10	11	1	8	RF	43	43	42	96	12	7
16	10	5	2	8	RF	43	43	42	96	12	11
19	10	7	2	8	RF	43	43	42	96	13	4
22	10	3	1		RF	42	42	41	96	03	8
					MAR 24th						
01	10	3	1	4	RF	41	41	40	96	06	5
04	10	3	1	8	F	40	40	39	96	34	7
07	10	3	1	8	RF	39	39	39	100	33	7
10	10	5	3		F	44	43	42	93	36	6
13	10	15	10			53	50	46	77	35	7
16	10	110	12			56	52	48	75	36	7
19	10	110	12			51	48	45	80	03	11
22	10	16	10			47	45	43	86	01	8
					MAR 25th						
01	10	10	4		LF	46	45	43	89	02	7
04	10	6	2		LF	43	42	41	93	01	7
07	10	19	2	12	F	42	41	39	89	02	9
10	10	12	7			45	43	40	83	35	7
13	10	19	10			48	44	40	74	32	7
16	10	19	12			49	45	40	71	03	7
19	10	20	12			48	45	41	77	35	6
22	0	UNL	10			37	37	36	96	24	5
					MAR 26th						
01	0	UNL	6		F	34	34	34	100	26	5
04	3	UNL	0	12	F	31	31	31	100	00	0
07	7	250	0	4	F	31	31	31	100	00	0
10	3	UNL	8			49	45	41	74	35	6
13	8	200	10			59	51	42	54	01	5
16	10	200	15			62	52	42	48	30	4
19	8	UNL	15			54	48	42	64	01	5
22	10	250	12			45	43	41	86	19	4
					MAR 27th						
01	10	250	10			41	41	40	96	00	0
04	10	250	8			41	41	40	96	35	4
07	10	120	3		F	43	42	41	93	01	3
10	10	11	3		RF	48	46	44	86	06	10
13	10	10	2		RF	48	48	47	96	06	10
16	10	8	2		RF	48	48	48	100	07	4
19	10	9	3		F	49	49	48	96	05	8
22	10	7	3		LF	50	50	49	96	06	8
					MAR 28th						
01	10	3	1	4	LF	50	50	50	100	05	9
04	10	3	1	4	LF	50	50	50	100	06	8
07	10	3	1		LF	51	51	51	100	02	4
10	10	4	1		LF	53	53	52	96	07	6
13	10	6	2		LF	54	54	53	96	10	5
16	10	13	5		H	58	55	53	84	07	4
19	10	20	4		H	55	53	52	90	00	0
22	10	34	2	8	F	53	53	52	96	00	0
					MAR 29th						
01	10	11	1	4	F	52	52	51	96	00	0
04	10	8	3		F	52	51	50	93	05	7
07	10	5	2	8	F	51	51	50	96	05	6
10	10	4	2	8	F	53	53	52	96	32	6
13	10	8	3		RF	55	53	52	90	34	6
16	10	15	2	8	RF	55	54	53	93	34	6
19	10	28	5		F	53	53	52	96	32	9
22	10	23	6		RF	53	53	52	96	32	7
					MAR 30th						
01	10	8	4		RF	53	53	52	96	32	8
04	10	26	8			53	52	51	93	32	8
07	10	80	15			53	51	49	86	31	9
10	9	31	15			59	54	49	70	33	12
13	9	44	20			66	56	48	53	32	12
16	4	UNL	20			69	57	47	46	33	14
19	2	UNL	20			62	54	46	56	32	6
22	0	UNL	20			54	49	44	69	06	7
					MAR 31st						
01	0	UNL	15			45	45	44	96	00	0
04	0	UNL	15			43	43	42	96	08	4
07	7	UNL	12			43	43	42	96	00	0
10	10	UNL	12			60	54	49	67	18	10
13	10	140	15			65	56	49	56	15	12
16	10	85	20			62	55	48	60	15	11
19	10	50	10		RW	53	51	49	86	14	15
22	10	8	2		RWF	49	49	48	96	12	11

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.	SKY COVER (TENTHS)	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	29.720	36	34	29	78	6.8	30	1.4
04	7	29.710	34	32	29	82	7.0	33	2.1
07	8	29.740	33	32	28	83	7.4	35	1.6
10	8	29.725	41	37	31	70	10.7	34	2.5
13	9	29.670	45	40	32	63	11.3	33	3.2
16	8	29.660	47	41	32	60	10.8	31	3.9
19	8	29.680	43	38	32	68	9.1	34	2.8
22	7	29.710	39	36	31	74	8.4	34	1.7

NATIONAL CLIMATIC DATA CENTER
FEDERAL BUILDING
37 BATTERY PARK AVE
ASHEVILLE, NORTH CAROLINA 28801-2733

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

FIRST CLASS
POSTAGE AND FEES PAID
NOAA
PERMIT G-19

HOURLY PCPN AMOUNTS ARE 6-HOUR ACCUMULATIONS.

MAR 1993 93738
WASHINGTON DULLES AP, D.C.
USCOMM - NOAA - ASHEVILLE, NC 375

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																									03
04	0.16						0.44						1.09						0.46						04
05	0.11						T						0.05						0.06						05
06	0.01																								06
07																									07
08																			0.01						08
09																									09
10													0.16												10
11	T						T																		11
12																									12
13	0.07						0.33						0.74						0.26						13
14	0.15						T																		14
15																									15
16																									16
17	0.01						0.12						0.81						0.20						17
18																									18
19																									19
20																									20
21	T						0.18																		21
22																									22
23													0.07						0.19						23
24	0.26						0.04						0.02												24
25	T						T																		25
26																									26
27													0.13						0.49						27
28	0.08						0.16						0.02						T						28
29							T						T						0.19						29
30	0.09						T																		30
31																			0.02						31