DEC 1989
WASHINGTON NAT'L AP, D.C.
WEA SER CONTRACT MET OBS
TERMINAL BLDG RM 408

ISSN 0198-1188

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

WASHINGTON NATIONAL AIRPORT

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

DEC 1989
WASHINGTON NATL AP, D.C.

DATE	TEMPERATURE °F MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	AVERAGE DEW POINT	DEGREE DAYS BASE 65°F HEATING (SEASON BEGINS WITH JUL)	COOLING (SEASON BEGINS WITH JAN)	WEATHER TYPES 1 FOG 2 HEAVY FOG 3 THUNDERSTORM 4 ICE PELLETS 5 HAIL 6 GLAZE 7 DUSTSTORM 8 SMOKE, HAZE 9 BLOWING SNOW	SNOW ICE PELLETS OR ICE ON GROUND AT 0700 INCHES	PRECIPITATION WATER EQUIVALENT (INCHES)	SNOW, ICE PELLETS (INCHES)	AVERAGE STATION PRESSURE IN INCHES ELEV. 65 FEET ABOVE M.S.L.	WIND (M.P.H.) RESULTANT DIR.	RESULTANT SPEED	AVERAGE SPEED	PEAK GUST SPEED	PEAK GUST DIRECTION	FASTEST 1-MIN SPEED	FASTEST 1-MIN DIRECTION	SUNSHINE MINUTES	PERCENT OF TOTAL 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	49	31	40	-3	26	25	0		0	0.00	0.0	30.140	01	1.7	8.2	17	NE	15	05	417	72	4	2
02	54*	28	41	-2	28	24	0		0	0.00	0.0	29.900	25	1.5	11.0	31	NW	18	20	441	76	3	4
03	42	22	32	-10	11	33	0		0	0.00	0.0	29.750	30	19.8	20.2	39	NW	28	29	243	42	6	4
04	35	21	28	-14	10	37	0		0	T	T	29.830	26	8.4	12.5	29	W	21	30	206	36	7	6
05	41	31	36	-6	23	29	0		0	0.00	0.0	29.680	14	2.0	5.1	10	NE	9	05	2	0	10	8
06	50	32	41	0	37	24	0		0	0.01	0.0	29.680	18	0.7	5.5	23	NW	14	31	31	5	10	9
07	51	33	42*	1	21	23	0		0	0.00	0.0	30.160	34	14.0	15.4	32	NW	21	32	306	53	5	6
08	33	24	29	-12	21	36	0	1	T	0.32	3.6	30.280	04	12.3	13.6	22	N	17	02	0	0	10	10
09	29	21	25	-15	11	40	0		4	0.00	0.0	30.080	01	13.5	13.8	24	N	18	36	103	18	7	7
10	36	19	28	-12	17	37	0		3	0.00	0.0	29.960	31	1.8	6.9	15	NW	12	34	396	69	3	5
11	35	24	30	-10	29	35	0	2	2	0.00	0.0	29.960	21	5.2	6.4	14	S	9	18	15	3	10	8
12	35	33	34	-6	31	31	0	1	2	0.25	2.4	29.950	01	7.7	9.2	16	N	13	36	0	0	10	10
13	35	24	30	-9	26	35	0	1	6	0.20	2.1	29.890	35	7.6	10.3	18	NE	14	36	0	0	10	7
14	33	18	26	-13	21	39	0	1	6	0.00	0.0	30.020	21	5.4	7.7	21	S	15	20	508	89	1	2
15	38	23	31	-8	21	34	0	1	4	0.04	0.6	29.910	33	0.4	10.1	36	NW	23	30	79	14	9	8
16	26	16	21	-18	4	44	0		4	0.00	0.0	30.020	29	15.3	15.5	32	W	23	29	558	98	0	0
17	24	14	19	-19	3	46	0		4	0.00	0.0	30.225	31	6.8	8.1	16	W	12	35	198	35	9	7
18	29	16	23	-15	6	42	0		4	0.00	0.0	30.295	32	8.3	9.5	21	NW	16	34	504	89	7	7
19	26	15	21	-17	15	44	0	1	3	T	T	30.170	13	2.9	5.3	12	SE	9	12	0	0	10	9
20	31	19	25	-13	11	40	0		3	0.00	0.0	30.115	31	12.1	12.9	26	NW	18	28	567	100	0	0
21	28	11	20	-18	6	45	0		2	0.00	0.0	30.150	33	10.0	12.3	31	NW	24	33	68	12	7	4
22	17	5*	11*	-26	-4	54	0		2	0.00	0.0	30.450	31	16.3	16.5	29	NW	21	30	527	93	5	4
23	22	7	15	-22	2	50	0		2	0.00	0.0	30.505	35	15.5	16.1	25	N	21	36	554	98	0	3
24	23	10	17	-20	4	48	0		2	0.00	0.0	30.270	35	14.7	15.3	25	N	21	36	373	66	5	3
25	29	11	20	-17	8	45	0		2	T	T	29.940	21	7.2	9.7	21	S	15	20	9	2	10	8
26	39	17	28	-9	14	37	0	1	2	0.02	0.3	29.780	28	9.2	13.3	37	W	23	31	252	44	4	4
27	24	13	19	-17	8	46	0		2	T	T	30.090	16	2.4	9.6	23	S	17	18	122	22	8	8
28	43	23	33	-3	22	32	0		2	0.00	0.0	30.070	33	3.9	6.6	24	NW	13	29	374	66	4	4
29	34	25	30	-6	25	35	0		1	0.00	0.0	30.200	05	5.8	7.6	13	NE	10	05	6	1	10	9
30	40	32	36	0	32	29	0	1 8	T	0.03	0.0	30.110	05	5.1	5.8	15	NE	12	05	19	3	10	10
31	46	33	40	4	36	25	0	2	0	1.23	0.0	29.800	11	2.1	7.1	22	W	12	18	0	0	10	10
	SUM	SUM				TOTAL	TOTAL	NUMBER OF DAYS		TOTAL	TOTAL	FOR THE MONTH:								TOTAL	% FOR MONTH	SUM	SUM
	1077	651				1144	0			2.10	9.0	30.045	33	4.9	10.5	39	NW	28	29	6878		204	186
	AVG.	AVG.	AVG.	DEP.	AVG.	DEP.	DEP.	PRECIPITATION		DEP.						DATE: 3		DATE: 3		POSSIBLE		AVG.	AVG.
	34.7	21.0	27.9	-11.0	16.8	335	0	≥ .01 INCH.	8	-1.08										17671	39	6.6	6.0

NUMBER OF DAYS				SEASON TO DATE TOTAL	TOTAL	SNOW, ICE PELLETS ≥ 1.0 INCH	3
MAXIMUM TEMP.		MINIMUM TEMP.		1853	1548	THUNDERSTORMS	0
≥ 90°	≤ 32°	≤ 32°	≤ 0°	DEP.	DEP.	HEAVY FOG	2
0	12	28	0	345	118	CLEAR 6	PARTLY CLOUDY 11 CLOUDY 14

GREATEST IN 24 HOURS AND DATES				GREATEST DEPTH ON GROUND OF SNOW, ICE PELLETS OR ICE AND DATE	
PRECIPITATION		SNOW, ICE PELLETS			
1.23	31	4.3	12-13	6	14+

* 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. Wadleen
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

DEC 1989 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)
					DEC 1st						
01	2	UNL	12			37	31	21	52	33	6
04	0	UNL	12			34	30	24	67	25	7
07	0	UNL	12			32	29	23	69	23	6
10	8	75	15			43	36	24	47	24	5
13	6	95	20			49	39	25	39	36	10
16	2	UNL	20			44	38	29	56	09	5
19	0	UNL	12			38	35	30	73	06	9
22	0	UNL	10			35	33	30	82	07	6
					DEC 2nd						
01	1	UNL	7			34	33	31	89	08	5
04	1	UNL	7			31	30	29	92	04	8
07	3	UNL	7			29	27	23	78	03	8
10	8	15	15			38	34	27	65	36	5
13	0	UNL	12			45	40	34	66	17	7
16	5	UNL	15			53	42	28	38	20	16
19	10	250	12			51	42	29	43	21	15
22	8	120	12			48	39	26	42	33	15
					DEC 3rd						
01	5	UNL	12			41	32	16	36	32	17
04	0	UNL	20			36	30	18	48	30	15
07	0	UNL	20			31	25	13	47	29	17
10	7	45	15			33	27	15	48	31	17
13	8	UNL	15			34	27	10	37	31	20
16	6	50	20			31	25	13	47	32	16
19	5	UNL	20			27	21	1	32	31	19
22	4	UNL	20			24	19	5	44	29	18
					DEC 4th						
01	0	UNL	20			22	17	1	40	29	15
04	0	UNL	20			21	17	3	46	29	13
07	1	UNL	15			21	17	6	52	29	9
10	5	UNL	12			29	23	9	43	28	15
13	7	UNL	12			34	27	11	38	24	13
16	10	100	20			34	27	10	37	22	10
19	10	60	20			34	28	16	48	18	11
22	10	80	20			32	29	24	72	13	5
					DEC 5th						
01	9	100	12			32	28	20	61	11	5
04	10	60	10			33	29	21	61	19	3
07	10	50	10			33	29	21	61	21	5
10	10	60	12			35	31	23	62	18	5
13	10	55	15			38	32	20	48	14	4
16	10	60	9			40	34	23	51	02	4
19	0	UNL	9			36	32	26	67	05	7
22	2	UNL	10			33	32	29	85	15	4
					DEC 6th						
01	10	100	10			34	32	28	79	28	3
04	10	100	8			34	33	31	89	02	3
07	10	80	7			36	35	33	89	05	4
10	10	80	7		RW	42	39	34	73	19	8
13	10	110	8		RW	44	42	40	86	17	8
16	10	110	7			47	45	42	83	18	3
19	6	110	7			42	41	39	89	00	0
22	5	UNL	7			39	38	37	93	07	4
					DEC 7th						
01	1	UNL	15			49	44	38	66	32	14
04	2	UNL	15			45	39	31	58	33	12
07	7	UNL	20			41	35	26	55	33	15
10	1	UNL	20			40	33	21	47	34	15
13	8	UNL	20			41	33	17	38	32	14
16	9	UNL	20			38	30	14	37	35	12
19	10	UNL	12			35	28	12	39	01	13
22	10	250	12			34	27	13	42	03	12
					DEC 8th						
01	10	130	15			32	27	18	56	06	12
04	10	60	15			30	25	14	51	05	14
07	10	15	3		S	26	24	21	81	09	9
10	10	6	1		S	25	24	23	92	06	10
13	10	7	0	10	S	25	25	24	96	02	12
16	10	3	0	10	SF	24	24	23	96	02	12
19	10	11	1	8	SF	24	23	22	92	02	14
22	10	17	5		SF	25	23	20	81	02	15
					DEC 9th						
01	10	95	10			24	22	18	78	36	14
04	8	130	10			23	21	16	75	01	14
07	10	110	10			21	19	13	71	02	10
10	9	250	20			24	21	12	60	36	13
13	4	UNL	20			26	21	8	46	04	11
16	5	UNL	20			26	22	10	51	02	10
19	5	UNL	20			25	21	9	51	03	12
22	7	30	15			24	20	9	53	01	12
					DEC 10th						
01	10	33	10			25	21	12	58	36	7
04	2	UNL	12			22	19	11	63	32	8
07	2	UNL	12			20	17	9	62	33	7
10	10	40	10			27	22	11	51	01	4
13	0	UNL	15			34	28	17	50	16	6
16	0	UNL	15			35	31	23	62	18	8
19	1	UNL	15			31	28	23	72	24	5
22	10	85	10			33	30	26	76	08	3
					DEC 11th						
01	4	UNL	7			29	28	26	89	19	5
04	1	UNL	5		F	26	26	26	100	22	2
07	10	3	0	8	F	27	27	27	100	21	5
10	10	6	2		F	30	30	30	100	14	6
13	10	8	3		F	33	32	31	92	20	8
16	9	UNL	7			34	33	30	85	20	7
19	10	85	7			32	31	30	92	21	6
22	10	70	6		F	34	33	31	89	24	4
					DEC 12th						
01	10	60	7			35	32	28	76	32	8
04	10	50	7			34	32	29	82	15	3
07	10	15	2	8	SF	33	33	32	96	33	7
10	10	16	2		SF	34	33	31	89	36	6
13	10	7	0	12	SF	34	33	32	92	35	6
16	10	12	4		F	35	33	31	85	02	11
19	10	6	0	10	SF	33	33	32	96	02	11
22	10	7	0	10	SF	33	33	32	96	01	10
					DEC 13th						
01	10	9	2		SF	32	32	31	96	01	12
04	10	12	4		SF	31	30	29	92	01	12
07	10	13	4		SF	31	30	29	92	02	9
10	10	15	2	4	SF	32	31	28	85	01	10
13	9	38	7			33	29	22	64	05	7
16	10	25	5		SF	32	31	29	89	27	7
19	2	UNL	7			30	29	28	92	25	5
22	0	UNL	10			28	25	18	66	31	9
					DEC 14th						
01	3	UNL	8			24	21	15	69	33	6
04	3	UNL	8			21	20	16	81	22	7
07	2	UNL	6		F	19	18	16	88	23	6
10	0	UNL	7			27	24	18	69	19	6
13	4	UNL	15			32	28	21	64	20	13
16	0	UNL	12			33	30	24	70	22	9
19	7	60	8			31	30	27	85	14	5
22	0	UNL	6		F	27	27	26	96	24	7
					DEC 15th						
01	0	UNL	6		F	25	25	25	100	36	3
04	10	250	6		F	24	23	20	85	34	6
07	10	180	7			26	22	14	60	03	9
10	10	200	12			27	23	12	53	10	8
13	10	200	12			32	28	19	59	14	10
16	10	90	10			33	30	26	76	12	7
19	10	65	10			35	33	31	85	19	4
22	10	8	1	4	SF	33	32	31	92	29	14
					DEC 16th						
01	0	UNL	20			24	20	7	48	28	13
04	0	UNL	20			18	14	1	47	29	14
07	0	UNL	20			17	14	2	52	29	10
10	0	UNL	20			19	15	3	50	28	15
13	0	UNL	20			23	19	6	48	29	13
16	0	UNL	15			25	20	6	44	29	16
19	0	UNL	12			21	17	5	50	29	13
22	0	UNL	12			18	15	4	54	29	14
					DEC 17th						
01	2	UNL	15			15	12	2	56	24	5
04	5	UNL	15			15	12	3	59	28	6
07	2	UNL	12			15	12	3	59	29	6
10	10	UNL	15			18	14	2	49	32	8
13	10	220	15			23	18	4	44	36	9
16	10	250	20			23	18	2	40	28	9
19	10	100	20			20	16	4	50	33	6
22	10	100	20			21	17	2	43	32	7
					DEC 18th						
01	10	110	15			20	16	4	50	18	2
04	10	250	12			19	16	6	57	33	12
07	7	250	15			17	14	5	59	34	12
10	9	UNL	12			20	16	4	50	33	12
13	4	UNL	15			26	21	8	46	31	10
16	7	UNL	20			27	22	7	43	35	7
19	8	UNL	20			23	19	6	48	34	6
22	7	UNL	20			22	19	10	60	24	4

WEATHER CODES

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

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, EXPRESSED IN KNOTS (MPH=KNOTS X 1.15).

OBSERVATIONS AT 3-HOUR INTERVALS

DEC 1989 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)
					DEC 19th						
01	5	UNL	10			20	18	13	74	20	5
04	4	UNL	7			17	15	11	77	22	3
07	8	250	7			17	16	13	84	28	2
10	10	90	7			23	20	12	63	08	6
13	10	70	7			25	22	13	60	16	5
16	10	70	9		SG	26	22	12	55	16	6
19	10	40	7		S	24	22	19	81	14	6
22	10	47	9			24	23	20	85	07	3
					DEC 20th						
01	2	UNL	10			24	23	20	85	22	6
04	0	UNL	10			19	18	16	88	35	8
07	0	UNL	10			23	20	11	60	31	14
10	0	UNL	10			27	23	12	53	31	12
13	0	UNL	10			30	24	10	43	30	16
16	0	UNL	12			30	24	9	41	31	11
19	0	UNL	12			28	22	8	43	31	13
22	0	UNL	12			25	20	7	46	33	9
					DEC 21st						
01	2	UNL	12			22	18	6	50	17	4
04	7	100	12			20	17	8	60	24	5
07	9	250	8			19	17	12	74	00	0
10	5	UNL	12			25	21	10	53	03	8
13	5	UNL	20			28	23	10	47	33	12
16	10	100	15			26	21	7	44	32	15
19	0	UNL	12			19	15	4	52	33	20
22	0	UNL	12			13	10	-4	46	33	21
					DEC 22nd						
01	0	UNL	12			10	7	-10	39	30	15
04	0	UNL	15			7	5	-10	45	31	16
07	3	UNL	15			5	3	-8	54	32	17
10	1	UNL	20			9	6	-7	48	32	16
13	9	UNL	20			15	11	-4	42	32	13
16	6	UNL	20			17	13	-2	43	31	13
19	3	UNL	15			15	12	-1	49	31	12
22	6	UNL	12			13	10	-1	53	32	15
					DEC 23rd						
01	5	UNL	12			10	8	-2	58	32	12
04	0	UNL	15			8	6	-2	63	35	13
07	0	UNL	15			7	6	-1	69	34	11
10	0	UNL	15			14	11	2	59	35	16
13	0	UNL	20			20	17	6	54	34	14
16	2	UNL	20			21	17	5	50	36	15
19	4	UNL	12			18	15	4	54	36	15
22	6	UNL	15			16	13	4	59	01	14
					DEC 24th						
01	0	UNL	15			14	11	2	59	36	13
04	5	UNL	15			12	10	2	64	36	14
07	0	UNL	15			10	8	1	67	34	15
10	3	UNL	20			15	12	2	56	35	17
13	8	UNL	20			21	17	6	52	35	13
16	8	250	20			22	18	8	55	35	15
19	0	UNL	15			20	17	7	57	33	10
22	0	UNL	15			18	15	5	57	32	10
					DEC 25th						
01	0	UNL	15			17	14	2	52	33	12
04	0	UNL	15			14	11	1	56	35	3
07	8	110	12			13	11	4	67	21	4
10	10	80	10			18	15	6	59	17	5
13	10	100	15			26	21	8	46	21	11
16	10	65	15			27	22	9	47	20	13
19	10	70	12		S	28	23	12	51	20	9
22	10	65	10			29	24	14	53	22	8
					DEC 26th						
01	9	60	12			28	24	15	58	21	7
04	10	25	6		SF	25	25	24	96	21	8
07	6	95	7			23	23	22	96	21	5
10	5	UNL	8			29	27	23	78	20	9
13	8	45	10			38	32	22	53	29	14
16	0	UNL	20			32	25	8	36	29	18
19	0	UNL	12			25	20	5	42	31	10
22	0	UNL	12			20	15	-2	38	33	18
					DEC 27th						
01	0	UNL	15			15	12	-2	47	34	15
04	9	90	15			14	11	-1	51	35	10
07	7	UNL	15			15	12	2	56	34	8
10	5	UNL	15			20	16	1	43	15	3
13	10	90	15			22	18	5	48	18	11
16	10	75	7		S	22	20	14	71	18	15
19	10	65	8		S	22	21	17	81	13	7
22	10	65	10			23	22	19	85	18	7
					DEC 28th						
01	10	48	12			24	22	18	78	11	3
04	8	110	15			26	24	19	75	33	10
07	8	75	10			24	22	18	78	33	5
10	4	UNL	12			32	29	22	67	16	4
13	2	UNL	20			41	35	24	51	31	9
16	2	UNL	15			43	36	24	47	27	9
19	0	UNL	12			38	33	24	57	34	6
22	0	UNL	12			32	29	23	69	36	6
					DEC 29th						
01	4	UNL	8			29	28	25	85	16	3
04	10	UNL	7			26	25	23	88	23	7
07	10	250	7			28	26	22	78	03	6
10	10	250	10			31	29	24	75	04	9
13	10	100	10			34	31	25	70	08	7
16	10	100	8			34	31	25	70	13	7
19	9	250	9			32	30	26	79	05	7
22	10	250	8			32	30	25	75	03	8
					DEC 30th						
01	10	90	7			32	31	28	85	03	7
04	10	70	7			33	32	30	89	03	4
07	10	85	6		F	33	33	32	96	05	4
10	10	100	6		F	36	34	31	82	36	7
13	10	45	7			39	36	32	76	04	5
16	10	42	7			38	36	32	79	06	4
19	10	42	6		H	38	36	32	79	11	3
22	10	32	4		F	36	35	33	89	05	10
					DEC 31st						
01	10	8	3		RF	35	33	31	85	10	4
04	10	8	3		F	34	33	32	92	06	7
07	10	2	1	4	F	33	33	32	96	05	7
10	10	2	0	4	RF	34	33	32	92	03	6
13	10	3	1		RF	35	34	32	89	07	5
16	10	3	1	8	F	39	37	33	79	19	9
19	10	1	0	6	F	42	42	42	100	19	10
22	10	12	2		RF	45	45	45	100	08	7

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	5	30.050	26	23	16	66	9.6	33	5.1
04	5	30.060	24	22	16	71	9.9	33	5.9
07	6	30.080	23	21	15	73	9.3	33	5.7
10	7	30.090	28	24	16	63	10.6	34	4.9
13	7	30.030	32	27	17	58	11.7	31	3.9
16	7	30.005	32	28	18	58	11.8	29	3.8
19	6	30.020	30	26	18	65	10.7	33	3.7
22	6	30.030	28	25	18	68	11.1	34	6.3

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

DEC 1989 13743
WASHINGTON NAT'L AP, D.C.

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																				T	T				04
05																									05
06										T	0.01	T	T	T											06
07																									07
08						T	0.01	0.01	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.04	0.01	0.01	T	T	T		08
09																									09
10																									10
11																									11
12					T	T	T	0.02	0.02	T	0.01	0.03	0.02	0.01				T	0.01	0.01	0.01	0.05	0.01	0.05	12
13	0.02	0.05	0.05	0.05	0.01	0.01	T	T	T	0.01	T	T				T									13
14																									14
15																				0.01	T	0.03	T		15
16																									16
17																									17
18																									18
19																T	T	T	T	T	T	T			19
20																									20
21																									21
22																									22
23																									23
24																									24
25																		T	T	T					25
26		T	0.01	0.01	T																				26
27																T	T	T	T	T	T	T			27
28																									28
29																									29
30		T	T		T	T	0.02				T													0.01	30
31	0.03	T			T	0.01		T	0.01	0.03	0.03	0.01	0.07	0.11	0.05	T	T			0.02	0.07	0.24	0.48	0.07	31

MAXIMUM SHORT DURATION PRECIPITATION

TIME PERIOD (MINUTES)	5	10	15	20	30	45	60	80	100	120	150	180
PRECIPITATION (INCHES)	0.02	0.03	0.04	0.04	0.05	0.05	0.48	0.48	0.48	0.72	0.72	0.79
ENDED: DATE	12	12	12	12	13	13	31	31	31	31	31	31
ENDED: TIME	2352	2358	2358	2358	0010	0010	2350	2350	2350	2350	2350	2259

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.

SUBSCRIPTION PRICE AND ORDERING INFORMATION AVAILABLE FROM:
THE NATIONAL CLIMATIC DATA CENTER, FEDERAL BUILDING
ASHEVILLE, NORTH CAROLINA 28801
ATTN: PUBLICATIONS

WASHINGTON NAT'L AP, D.C.
USCOMM - NOAA - ASHEVILLE, NC 875

U.S. DEPARTMENT OF COMMERCE
NATIONAL CLIMATIC DATA CENTER
FEDERAL BUILDING
ASHEVILLE, N.C. 28801

AN EQUAL OPPORTUNITY EMPLOYER

POSTAGE AND FEES PAID
U.S. DEPARTMENT OF COMMERCE
COM 210

U.S.MAIL

FIRST CLASS