DEC 1987
ASHEVILLE, NC
NAT'L WEA SER OFC
ASHEVILLE REGIONAL AIRPORT

ISSN 0198-3709

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

ASHEVILLE REGIONAL AIRPORT

LATITUDE 35° 26'N LONGITUDE 82° 33'W ELEVATION (GROUND) 2140 FEET TIME ZONE EASTERN 03812

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. 2170 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	46	32	39	-3	28	26	0		0	T	T	27.460	33	7.7	9.1	23	N	16	34	38	6	10	10
02	46	24	35	-7	21	30	0		0	0.00	0.0	27.715	34	10.1	10.3	24	N	18	35	543	91	1	1
03	55	20	38	-4	25	27	0	3	0	0.03	0.0	27.600	21	3.4	6.3	35	NW	22	31	214	36	6	5
04	47	29	38	-3	24	27	0		0	0.04	T	27.540	33	19.5	19.7	40	NW	24	33	88	15	8	7
05	40	27	34	-7	17	31	0		0	0.00	0.0	27.780	34	13.7	14.0	37	NW	22	34	570	96	1	2
06	54	22	38	-3	20	27	0		0	0.00	0.0	27.940	30	0.9	4.9	12	NW	9	35	448	76	5	5
07	52	30	41	0	25	24	0		0	0.00	0.0	28.040	16	6.0	6.4	16	SE	12	18	224	38	8	8
08	47	30	39	-2	33	26	0	1	0	0.02	0.0	28.020	18	4.1	4.8	13	S	8	18	0	0	10	10
09	62	42	52	12	48	13	0	2	0	0.08	0.0	27.830	17	4.4	5.2	18	S	14	18	55	9	9	9
10	62	37	50	10	46	15	0	23	0	0.31	0.0	27.600	33	3.9	5.6	43	N	18	34	72	12	9	8
11	57	33	45	5	29	20	0		0	0.00	0.0	27.480	19	1.1	8.2	22	S	16	35	193	33	7	6
12	57	32	45	5	24	20	0		0	0.00	0.0	27.480	34	5.9	6.8	23	NW	14	34	587	100	0	1
13	54	31	43	3	23	22	0		0	0.00	0.0	27.800	35	5.8	7.4	20	NW	17	34	216	37	7	5
14	50	33	42	3	32	23	0	1	0	0.20	0.0	27.870	16	6.1	7.0	15	S	12	18	23	4	10	10
15	62	33	48	9	34	17	0	1	0	0.87	0.0	27.535	31	2.0	11.5	31	NW	21	31	265	45	7	6
16	35	27	31	-8	17	34	0		0	0.00	0.0	27.680	34	17.7	18.1	38	N	25	34	428	73	2	2
17	39	25	32	-7	16	33	0		0	0.00	0.0	27.900	34	16.4	16.8	36	N	23	33	518	89	1	2
18	45	17*	31*	-8	19	34	0		0	0.00	0.0	27.985	15	1.6	6.0	14	SE	10	34	393	67	7	4
19	54	26	40	1	27	25	0		0	0.00	0.0	27.940	16	3.7	6.5	18	S	12	14	99	17	8	7
20	64	46	55	17	45	10	0	1	0	0.09	0.0	27.790	19	5.4	9.4	25	SE	15	20	348	59	6	7
21	50	41	46	8	42	19	0	1	0	0.02	0.0	27.820	34	7.6	8.5	21	N	15	34	0	0	10	10
22	57	38	48	10	41	17	0	2	0	T	0.0	27.740	20	2.2	6.8	23	SW	17	19	215	37	7	6
23	57	30	44	6	30	21	0		0	0.00	0.0	27.950	22	0.4	9.3	23	S	15	21	585	100	0	0
24	52	29	41	3	40	24	0	1	0	0.28	0.0	27.990	15	6.1	6.6	16	S	12	18	0	0	10	8
25	64	50	57	19	57	8	0	1	0	0.02	0.0	27.850	19	12.8	13.0	24	S	20	18	37	6	10	10
26	65*	53	59*	21	58	6	0	1	0	0.02	0.0	27.810	22	5.4	10.0	21	SW	17	20	0	0	10	9
27	54	43	49	11	47	16	0	2	0	0.17	0.0	27.910	17	6.4	6.9	15	S	14	18	0	0	10	10
28	46	40	43	5	42	22	0	1	0	0.13	0.0	27.695	17	5.5	8.8	23	N	17	35	0	0	10	10
29	40	26	33	-4	21	32	0		1	0.05	0.5	27.820	34	20.3	20.5	46	N	30	34	310	53	6	5
30	50	21	36	-1	17	29	0		0	0.00	0.0	28.130	02	1.9	9.2	21	N	20	34	510	87	5	5
31	51	30	41	4	27	24	0	1	0	T	0.0	28.070	17	8.7	10.0	26	S	18	18	0	0	10	10
	SUM	SUM				TOTAL	TOTAL			TOTAL	TOTAL		FOR THE MONTH:							TOTAL	%	SUM	SUM
	1614	997				702	0	NUMBER OF DAYS		2.33	0.5	27.800	32	2.0	9.5	46	N	30	34	6979	FOR	210	198
	AVG.	AVG.	AVG.	DEP.	AVG.	DEP.	DEP.	PRECIPITATION		DEP.						DATE:29		DATE: 29		POSSIBLE	MONTH	AVG.	AVG.
	52.1	32.2	42.2	2.9	31.3	-95	0	≥ .01 INCH	15	-1.18										18222	38	6.8	6.4

NUMBER OF DAYS				SEASON TO DATE TOTAL	TOTAL				GREATEST IN 24 HOURS AND DATES			GREATEST DEPTH ON GROUND OF SNOW, ICE PELLETS OR ICE AND DATE	
MAXIMUM TEMP.		MINIMUM TEMP.		1733	1012	SNOW, ICE PELLETS ≥ 1.0 INCH	0		PRECIPITATION	SNOW, ICE PELLETS			
≥ 90°	≤ 32°	≤ 32°	≤ 0°	DEP.	DEP.	THUNDERSTORMS	2		1.07	14-15	0.5	29	1 29
0	0	19	0	35	170	HEAVY FOG	4						
						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 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

DEC 1987
ASHEVILLE, NC

OBSERVATIONS AT 3-HOUR INTERVALS

DEC 1987 03812
ASHEVILLE, NC

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	10	25	10			35	32	27	73	34	14
04	10	26	15			34	32	29	82	34	10
07	10	41	10			32	31	29	89	31	3
10	10	41	12			37	34	30	76	00	0
13	10	37	12			43	37	28	56	25	6
16	10	43	15		RW	40	36	31	70	34	11
19	10	45	15			36	33	28	73	35	9
22	9	45	15			34	30	22	62	34	9
					DEC 2nd						
01	8	37	15			33	30	24	70	34	15
04	3	UNL	25			29	26	19	66	33	9
07	2	UNL	25			27	25	20	75	33	9
10	2	UNL	25			33	28	20	59	35	16
13	0	UNL	25			40	33	20	45	33	8
16	0	UNL	25			45	36	22	40	33	10
19	0	UNL	25			35	30	22	59	34	4
22	0	UNL	25			28	26	21	75	35	7
					DEC 3rd						
01	0	UNL	15			24	23	20	85	36	7
04	0	UNL	15			22	21	19	88	00	0
07	4	UNL	15			21	20	19	92	00	0
10	10	270	15			28	27	24	85	21	5
13	.7	90	15			40	34	25	55	11	3
16	3	UNL	15			54	43	29	38	21	19
19	10	32	7		R	46	39	31	56	21	4
22	10	32	12		RW	44	39	32	63	16	6
					DEC 4th						
01	8	11	7		RW	41	38	34	76	31	13
04	6	29	10			39	34	26	60	33	18
07	4	UNL	10			35	31	25	67	32	15
10	3	UNL	15			36	32	25	64	33	20
13	10	27	7		SW	37	32	25	62	33	17
16	10	28	10		SW	33	29	21	61	34	18
19	7	35	15			31	27	18	59	34	15
22	6	37	20			30	26	17	58	33	20
					DEC 5th						
01	7	30	15			28	24	15	58	32	18
04	8	27	15			28	24	15	58	33	18
07	8	30	15			27	23	16	63	34	15
10	0	UNL	25			31	26	17	56	34	14
13	0	UNL	25			38	31	19	46	35	14
16	0	UNL	25			39	31	18	43	36	10
19	0	UNL	25			33	28	18	54	35	11
22	0	UNL	20			30	25	16	56	33	8
					DEC 6th						
01	0	UNL	20			28	25	18	66	34	7
04	0	UNL	20			25	23	18	75	32	4
07	3	UNL	20			22	21	18	85	27	4
10	6	UNL	20			34	29	21	59	35	8
13	3	UNL	20			47	37	21	36	15	5
16	8	UNL	20			51	38	18	27	18	6
19	5	UNL	15			40	33	21	47	22	5
22	10	100	15			36	31	24	62	00	0
					DEC 7th						
01	8	110	15			33	30	26	76	16	3
04	10	60	15			31	30	27	85	14	5
07	5	UNL	15			32	30	27	82	14	4
10	8	UNL	15			39	34	27	62	17	7
13	10	UNL	15			49	38	21	33	15	7
16	7	UNL	15			49	38	21	33	14	7
19	8	250	15			41	34	23	49	16	6
22	5	UNL	15			35	31	23	62	18	7
					DEC 8th						
01	10	UNL	15			31	29	25	79	13	4
04	10	43	12			33	30	25	73	14	4
07	10	17	8			36	33	28	73	14	4
10	10	13	7			38	36	32	79	21	5
13	10	13	10			43	38	30	60	19	4
16	10	22	12			46	39	30	54	22	3
19	10	19	10			45	43	41	86	19	3
22	10	13	3		LF	43	42	41	93	19	4
					DEC 9th						
01	10	13	2		LF	42	42	42	100	00	0
04	10	9	1		RF	43	43	43	100	00	0
07	10	7	0	8	RF	45	45	44	96	15	5
10	10	15	0	8	LF	47	47	46	96	14	7
13	10	22	4		F	54	53	52	93	14	7
16	10	33	12			60	56	53	78	20	10
19	6	UNL	15			52	52	51	96	12	3
22	10	2	0	2	F	48	48	48	100	17	4
					DEC 10th						
01	10	2	0	4	F	47	47	47	100	14	3
04	10	11	2		RF	46	46	46	100	00	0
07	10	28	1		RF	47	47	47	100	00	0
10	10	3	0	4	F	50	50	49	96	34	6
13	9	15	2		F	57	55	54	90	18	5
16	7	48	12			58	55	52	81	34	7
19	6	45	12			49	48	46	90	34	16
22	1	UNL	20			41	39	36	83	34	8
					DEC 11th						
01	2	UNL	15			35	34	32	89	01	4
04	8	130	15			38	35	30	73	36	12
07	3	UNL	15			34	32	28	79	18	5
10	10	100	15			40	36	31	70	31	6
13	5	UNL	25			51	42	30	45	14	5
16	4	UNL	25			55	42	24	30	21	9
19	7	100	20			48	39	28	46	17	9
22	8	70	20			48	41	31	52	18	7
					DEC 12th						
01	7	50	15			47	40	30	52	01	8
04	2	UNL	15			45	38	29	54	36	5
07	0	UNL	15			41	36	29	62	04	5
10	0	UNL	30			50	41	30	46	34	6
13	0	UNL	30			55	40	18	23	32	10
16	0	UNL	30			55	40	18	23	34	12
19	0	UNL	20			44	35	20	38	02	3
22	0	UNL	20			35	30	22	59	15	3
					DEC 13th						
01	1	UNL	15			38	31	20	48	36	6
04	7	UNL	15			39	32	21	49	34	15
07	4	UNL	15			37	31	22	55	02	7
10	10	100	25			40	35	28	62	34	10
13	6	250	25			48	38	23	37	01	8
16	0	UNL	30			54	40	18	24	34	7
19	1	UNL	20			41	34	23	49	17	3
22	2	UNL	20			31	29	26	82	14	3
					DEC 14th						
01	10	75	15			37	32	25	62	11	5
04	10	35	15			40	35	27	60	00	0
07	10	30	15			42	36	27	55	20	5
10	6	250	15			47	39	28	48	12	7
13	10	27	15			49	40	27	43	13	9
16	10	18	6		R	44	43	42	93	17	9
19	10	13	7			40	40	39	96	17	7
22	10	17	6		R	41	40	39	93	16	5
					DEC 15th						
01	10	12	3		RF	40	40	39	96	19	7
04	10	6	2		RF	41	41	40	96	13	5
07	10	2	1		RF	44	44	44	100	19	11
10	10	15	7			50	48	46	86	11	7
13	7	250	12			57	54	51	81	17	8
16	2	UNL	25			55	41	22	28	33	17
19	0	UNL	20			40	32	19	43	34	12
22	0	UNL	20			36	30	18	48	33	12
					DEC 16th						
01	2	UNL	20			32	28	20	61	34	15
04	1	UNL	20			29	25	18	64	35	20
07	0	UNL	20			27	24	17	66	36	13
10	3	UNL	20			30	26	17	58	31	17
13	2	UNL	20			34	28	17	50	35	19
16	0	UNL	20			33	28	17	52	34	15
19	0	UNL	20			29	25	16	58	34	15
22	2	UNL	20			29	24	15	56	33	18
					DEC 17th						
01	10	32	20			28	24	16	61	32	16
04	6	32	20			27	23	15	61	35	15
07	2	UNL	20			25	22	15	66	35	18
10	1	UNL	25			29	25	16	58	35	18
13	1	UNL	25			35	29	17	48	35	15
16	0	UNL	25			38	30	15	39	34	13
19	0	UNL	25			30	26	17	58	33	12
22	0	UNL	25			27	24	17	66	32	10
					DEC 18th						
01	0	UNL	25			25	22	17	72	35	8
04	0	UNL	25			22	20	17	81	36	6
07	0	UNL	20			18	17	15	88	36	4
10	3	UNL	20			28	25	19	69	20	5
13	8	UNL	20			42	34	21	43	16	5
16	9	UNL	20			42	34	21	43	14	8
19	4	UNL	20			34	29	20	57	16	5
22	5	UNL	20			31	28	21	67	18	3

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 1987 ASHEVILLE, NC 03812

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	0	UNL	15			27	26	23	85	03	3
04	6	80	15			27	26	24	89	00	0
07	6	UNL	15			29	27	24	82	35	3
10	7	UNL	20			38	33	25	60	22	5
13	9	90	25			50	38	21	32	18	7
16	9	100	25			51	41	27	40	17	9
19	9	110	25			47	40	32	56	15	9
22	10	24	15			46	41	36	68	20	8
					DEC 20th						
01	10	19	10			46	42	37	71	16	7
04	10	18	7		R	50	46	42	74	24	11
07	10	9	5		RF	50	49	48	93	16	12
10	9	45	15			55	50	46	72	20	12
13	4	UNL	25			62	57	54	75	20	11
16	6	UNL	25			62	55	49	63	21	6
19	4	UNL	25			54	49	45	72	34	7
22	6	UNL	25			51	47	42	72	30	3
					DEC 21st						
01	8	100	15			49	46	42	77	35	9
04	10	100	15			49	46	42	77	34	13
07	10	80	15			45	44	43	93	36	9
10	10	70	15			46	45	44	93	36	7
13	10	80	8			45	43	41	86	35	9
16	10	80	10			46	44	41	83	34	9
19	10	90	10			44	42	40	86	30	5
22	10	11	7			43	42	41	93	31	4
					DEC 22nd						
01	10	6	5		F	44	43	42	93	16	4
04	10	5	2		F	44	44	43	96	16	4
07	10	2	0	8	F	43	43	43	100	15	3
10	10	8	3		F	45	44	43	93	14	6
13	3	UNL	15			54	51	48	80	17	7
16	10	48	15		RW	52	48	43	72	23	6
19	0	UNL	25			43	40	36	76	35	6
22	0	UNL	15			39	36	31	73	32	8
					DEC 23rd						
01	1	UNL	15			40	36	30	68	36	9
04	0	UNL	15			39	36	31	73	34	11
07	0	UNL	15			37	35	32	82	35	10
10	0	UNL	20			44	38	31	60	35	4
13	0	UNL	20			55	43	28	36	21	13
16	0	UNL	20			56	44	30	37	15	8
19	0	UNL	20			46	39	29	52	14	5
22	0	UNL	20			34	32	28	79	16	3
					DEC 24th						
01	0	UNL	20			31	30	28	89	15	4
04	7	270	20			33	32	30	89	15	4
07	6	UNL	20			30	29	28	92	16	6
10	10	100	15			38	35	31	76	17	5
13	10	70	4		F	45	44	43	93	19	8
16	10	11	7			51	50	49	93	15	8
19	10	6	1		RF	50	50	50	100	14	5
22	10	9	3		LF	50	50	49	96	16	6
					DEC 25th						
01	10	23	3		LF	54	53	53	96	18	11
04	10	28	5		LF	56	55	55	97	20	9
07	10	37	7			58	57	56	93	19	8
10	10	55	7			59	58	57	93	18	13
13	10	43	7		R	61	59	58	90	21	12
16	9	UNL	10			63	60	57	81	20	15
19	10	43	10			60	58	57	90	20	9
22	10	43	10			61	59	57	87	20	11
					DEC 26th						
01	7	250	8			61	59	57	87	19	10
04	8	48	8			61	59	57	87	20	11
07	7	250	7			60	59	58	93	21	9
10	10	43	7			62	60	59	90	21	10
13	10	41	7			65	62	60	84	26	4
16	10	19	7			60	59	58	93	34	8
19	10	27	10			57	56	55	93	34	9
22	10	22	10			54	52	51	90	36	9
					DEC 27th						
01	10	15	10			53	53	52	96	12	4
04	10	2	0	12	RF	51	51	50	96	17	8
07	10	4	2		RF	49	49	48	96	21	5
10	10	5	2		RF	47	47	47	100	19	10
13	10	4	3		RF	47	47	46	96	14	8
16	10	2	2		LF	47	47	46	96	16	6
19	10	3	2		RF	44	44	44	100	16	5
22	10	2	2		F	44	44	43	96	20	4
					DEC 28th						
01	10	2	2		RF	43	43	43	100	16	6
04	10	2	2		RF	43	43	43	100	18	6
07	10	2	2		F	43	43	42	96	18	10
10	10	1	0	12	LF	43	43	43	100	15	8
13	10	2	1		RLF	45	45	44	96	14	9
16	10	4	3		F	46	45	44	93	15	6
19	10	1	0	12	F	43	43	43	100	16	5
22	8	27	3		F	42	42	41	96	33	5
					DEC 29th						
01	6	50	20			39	35	28	65	33	14
04	10	30	3		SW	30	28	25	82	34	15
07	10	43	3		SW	29	26	21	72	33	17
10	9	30	15			33	30	24	70	33	19
13	6	35	25			36	31	22	57	33	18
16	1	UNL	25			37	30	18	46	34	26
19	0	UNL	25			31	27	18	59	35	24
22	0	UNL	25			28	24	17	63	36	12
					DEC 30th						
01	0	UNL	25			25	23	18	75	34	12
04	0	UNL	25			22	20	17	81	32	10
07	0	UNL	25			22	21	18	85	34	17
10	2	UNL	25			31	27	18	59	33	7
13	6	UNL	25			44	34	16	32	16	5
16	7	UNL	25			46	34	12	25	14	6
19	10	UNL	25			35	29	18	50	16	6
22	10	UNL	25			32	28	20	61	17	5
					DEC 31st						
01	10	UNL	15			37	30	18	46	17	14
04	10	300	15			35	29	17	48	16	6
07	10	110	15			31	28	22	69	36	5
10	10	110	25			37	31	21	52	12	5
13	10	270	20			50	42	31	48	20	13
16	10	100	15			48	41	32	54	18	16
19	10	32	15			47	40	31	54	12	9
22	10	25	10			46	40	32	58	18	10

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	27.795	39	36	32	77	9.6	33	2.8
04	7	27.790	38	35	31	78	9.5	33	4.1
07	6	27.800	37	36	32	83	9.0	32	2.1
10	7	27.830	42	39	34	74	10.4	29	2.1
13	7	27.780	49	43	35	62	10.2	22	2.0
16	6	27.780	50	43	33	58	12.0	28	2.3
19	6	27.790	43	39	33	69	9.4	34	2.3
22	6	27.810	38	35	29	72	8.0	30	2.3

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

DEC 1987 ASHEVILLE, NC 03812

DATE	A.M. HOUR ENDING AT 1	2	3	4	5	6	7	8	9	10	11	12	P.M. HOUR ENDING AT 1	2	3	4	5	6	7	8	9	10	11	12	DATE
01																T	T			T	T	T		T	01
02																									02
03																		T	T	0.01		0.01	0.01	T	03
04	0.04	T						T	T	T	T	T	T	T	T	T	T								04
05																									05
06																									06
07																									07
08									T	T												T	0.01	0.01	08
09	T	T	0.02	0.01	0.01	T	0.01	T	0.01	0.01	T	0.01	T												09
10			T	0.03	0.09	0.06	0.10	0.03	T										T	T					10
11																									11
12																									12
13																									13
14															T	T	T	0.02	0.01	0.01	0.01	0.07	0.05	0.03	14
15	0.06	0.15	0.04	0.02	0.02	0.07	0.22	0.14	0.14	0.01															15
16																									16
17																									17
18																									18
19																									19
20				0.01	0.06	0.01	0.01	T																	20
21							T	T	0.02	T															21
22																T									22
23																									23
24												T	0.02					T	0.18	0.04	0.01	0.02	0.01	T	24
25	T	T		0.01	0.01	T	T	T	T	T			T	T											25
26												T	T	T	0.01	0.01								T	26
27	T			0.01	0.05	0.04	0.01	T	0.02	0.01	T	0.01	T	T	T	T	T	T	0.01	T			0.01	T	27
28	0.01	0.01	0.01	0.01	0.01	0.03	0.02	T	T	T	T	0.01	0.01	0.01	T	T									28
29		T	T	0.02	0.02	0.01	T	T	T	T															29
30																									30
31																							T	T	31

MAXIMUM SHORT DURATION PRECIPITATION

TIME PERIOD (MINUTES)	5	10	15	20	30	45	60	80	100	120	150	180
PRECIPITATION (INCHES)	0.05	0.07	0.10	0.13	0.18	0.24	0.26	0.31	0.35	0.41	0.47	0.53
ENDED: DATE	15	15	15	15	15	15	15	15	15	15	15	15
ENDED: TIME	0818	0704	0704	0704	0708	0712	0739	0739	0818	0830	0830	0830

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.

VALIDATED BY:
DON GRISINGER

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