

MAR 1993
WILMINGTON, DE
NAT'L WEA SER OFC
AIRPORT TERMINAL BLDG

INQUIRIES/COMMENTS CALL
(704) 271-4800

GREATER WILMINGTON AIRPORT

LOCAL CLIMATOLOGICAL DATA Monthly Summary

ISSN 0198-117X



LATITUDE 39° 40' N LONGITUDE 75° 36' W ELEVATION (GROUND) 74 FEET TIME ZONE EASTERN 13781

DATE	TEMPERATURE °F					DEGREE DAYS BASE 65°F		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		AVERAGE STATION PRESSURE IN INCHES ELEV. 80 FEET ABOVE M.S.L.	WIND (M.P.H.)					SUNSHINE		SKY COVER (TENTHS)			
	MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	AVERAGE DEW POINT	HEATING (SEASON BEGINS WITH JUL)	COOLING (SEASON BEGINS WITH JAN)			WATER EQUIVALENT (INCHES)	SNOW, ICE PELLETS (INCHES)		RESULTANT DIR.	RESULTANT SPEED	AVERAGE SPEED	PEAK GUST		FASTEST 1-MIN		MINUTES	PERCENT OF TOTAL POSSIBLE	SUNRISE TO SUNSET	MIDNIGHT TO MIDNIGHT
																SPEED	DIRECTION	SPEED	DIRECTION				
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	44	20	32	-6	14	33	0		0	0.00	0	29.960	29	5.9	7.7	21	NW	15	34			7	4
02	54	26	40	2	28	25	0		0	0.00	0	29.780	30	4.1	4.6	23	NW	14	32			9	7
03	50	38	44	6	30	21	0	8	0	0	0	29.900	06	6.4	7.7	15	NE	12	06			10	10
04	44	37	41	-2	35	24	0	1	0	1.95	0	29.650	07	17.3	19.8	48	NE	35	06			10	10
05	41	33	37	-2	36	28	0	1	0	0.14	0	29.595	06	8.5	9.5	21	NE	14	05			10	10
06	42	31	37	-2	29	28	0	1	0	0.1	0	29.790	29	6.6	7.8	24	NW	16	30			9	9
07	53	29	41	1	28	24	0		0	0.00	0	29.890	23	5.5	7.8	18	SW	14	26			4	5
08	57	33	45	5	36	20	0	1 3	8	0.01	0	29.640	27	2.7	4.8	26	W	15	28			8	6
09	48	33	41	1	27	24	0		0	0.00	0	29.830	29	12.0	13.2	36	NW	24	32			3	2
10	39	28	34	-7	29	31	0	2	0	0	0	29.825	17	2.9	5.4	21	SE	15	15			10	8
11	40	28	34	-7	22	31	0	2	0	0.00	0	29.860	31	11.4	12.2	38	NW	23	32			6	4
12	46	25	36	-6	21	29	0		0	0.00	0	30.130	21	2.9	6.8	17	W	10	17			8	7
13	37	24	31	-11	31	34	0	2 4	9	2.27	13	29.200	06	18.4	19.7	59	NE	35	04			10	10
14	25	16	21*	-21	7	44	0		9	0.06	0.7	29.460	29	20.1	20.7	49	NW	30	30			10	9
15	30	13*	22	-21	4	43	0		9	0.00	0	30.430	27	6.6	8.8	23	NW	12	23			0	0
16	46	24	35	-8	24	30	0		8	0	0	30.470	18	9.8	10.2	23	S	14	17			7	7
17	44	27	36	-7	36	29	0	2	5	1.31	0	30.130	36	5.1	7.0	37	N	23	36			10	10
18	30	16	23	-20	2	42	0		4	0.00	0	30.420	36	16.5	16.7	37	N	25	35			1	2
19	37	14	26	-18	9	39	0		3	0.00	0	30.630	04	3.5	5.7	16	NE	13	03			1	2
20	40	27	34	-10	25	31	0	4	3	0	0	30.440	17	3.7	4.1	14	S	8	17			10	10
21	50	32	41	-3	34	24	0	1 4	2	0.12	0.1	30.270	25	2.2	4.6	15	NW	9	33			6	5
22	52	30	41	-4	32	24	0	1	8	0	0	30.350	34	3.3	3.4	14	N	10	36			9	8
23	46	38	42	-3	32	23	0	1	0	0.54	0	30.330	10	7.0	7.9	16	SE	12	15			10	10
24	48	40	44	-1	42	21	0	2	0	0.59	0	30.050	03	6.2	7.1	18	NE	13	03			10	10
25	53	40	47	1	38	18	0		0	0.00	0	30.145	01	6.6	7.4	17	N	13	01			10	10
26	60	36	48	2	41	17	0	1	8	0.00	0	30.130	15	0.9	4.5	12	S	8	17			3	4
27	55	37	46	0	45	19	0	1	0	0.06	0	29.990	07	8.0	8.3	24	NE	16	06			10	9
28	62	49	56*	9	52	9	0	2	8	0.04	0	29.770	06	10.7	10.8	22	E	15	05			10	10
29	56	51	54	7	52	11	0	2	0	0.36	0	29.650	02	4.4	5.6	16	NE	10	06			10	10
30	60	48	54	7	48	11	0	1	0	0	0	29.680	36	7.8	8.1	25	N	17	01			10	9
31	64*	41	53	6	47	12	0	1	0	0.05	0	29.810	15	5.4	7.2	21	S	15	18			7	7
SUM	SUM					TOTAL	TOTAL			TOTAL	TOTAL									TOTAL	%	SUM	SUM
1453	964					799	0			7.50	13.9	29.970	36	2.5	8.9	59	NE	35	04		FOR	238	224
AVG	AVG	AVG	DEP.	AVG	DEP.	AVG	DEP.	PRECIPITATION		DEP.										POSSIBLE	MONTH	AVG	AVG
46.9	31.1	39.0	-3.7	30.2		80	0	2.01 INCH	13	4.07												7.7	7.2
NUMBER OF DAYS						SEASON TO DATE		SNOW, ICE PELLETS		GREATEST IN 24 HOURS AND DATES					GREATEST DEPTH ON GROUND OF								
						TOTAL	TOTAL	≥ 1.0 INCH		PRECIPITATION		SNOW, ICE PELLETS											
MAXIMUM TEMP.						4352	0	THUNDERSTORMS		2.29		13-14			10								
≥ 90°						DEP.	DEP.	HEAVY FOG		7		13-14			13								
0						-120	0	CLEAR		5		PARTLY CLOUDY			6								

* 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

noaa

NATIONAL
OCEANIC AND
ATMOSPHERIC ADMINISTRATION

NATIONAL
ENVIRONMENTAL SATELLITE, DATA
AND INFORMATION SERVICE

NATIONAL
CLIMATIC DATA CENTER
ASHEVILLE NORTH CAROLINA

Kenneth D. Wadsworth
DIRECTOR
NATIONAL CLIMATIC DATA CENTER

13781

[illegible]

MAXIMUM SHORT DURATION PRECIPITATION

TIME PERIOD (MINUTES)	5	10	15	20	30	45	60	80	100	120	150	180
PRECIPITATION (INCHES)	0.10	0.14	0.22	0.23	0.28	0.35	0.41	0.51	0.60	0.72	0.90	1.03
ENDED: DATE	04	04	04	04	04	04	04	13	04	13	13	13
ENDED: TIME	1531	1531	1531	1531	1534	1534	1534	1513	1534	1515	1513	1515

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 13781
WILMINGTON, DE

HOUR L.S.T.	VISI- BILITY			WEATHER	TEMPERATURE				WIND		VISI- BILITY	WEATHER	TEMPERATURE				WIND																																							
	SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	WHOLE MILES		AIR of	WET BULB of	DEN POINT of	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)			SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	WHOLE MILES	AIR of	WET BULB of	DEN POINT of	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)																																			
MAR 19th																			MAR 20th																			MAR 21st																		
01	0	UNL	15		18	14	0	45	36	8		9	140	15		27	25	19	72	00	0	10	70	10		36	34	32	85	17	5																									
04	0	UNL	15		15	12	1	54	36	8		10	120	15		27	25	20	75	00	0	10	55	4		35	34	33	92	19	3																									
07	0	UNL	15		16	13	0	49	03	11		10	120	10		29	27	22	75	00	0	10	31	2	8	35	34	33	92	19	5																									
10	0	UNL	15		24	20	8	50	04	5		8	UNL	10		34	30	23	64	16	4	10	9	5		39	38	36	89	23	7																									
13	0	UNL	15		32	26	12	43	12	3		10	UNL	12		38	33	25	60	20	6	9	48	10		45	42	37	74	33	4																									
16	2	UNL	15		35	28	14	42	00	0		10	250	10		38	34	27	65	16	6	0	UNL	10		49	42	34	56	33	8																									
19	6	UNL	15		30	26	16	56	22	3		10	100	10		37	34	30	76	17	5	0	UNL	10		44	39	33	65	00	0																									
22	10	UNL	15		28	25	18	66	19	4		10	70	10	R	36	34	32	85	18	6	0	UNL	9		37	35	33	86	00	0																									
MAR 22nd																			MAR 23rd																			MAR 24th																		
01	0	UNL	9		32	31	30	92	33	4		3	UNL	10		42	35	24	49	06	6	10	5	2	8	RF	40	40	39	96	10	7																								
04	10	43	7		33	33	32	96	00	0		10	60	12		39	33	23	53	06	6	10	2	0	12	RF	42	42	41	96	04	3																								
07	10	60	4	F	36	35	33	89	00	0		10	55	12		38	33	24	57	07	6	10	2	0	8	RF	46	46	46	100	10	3																								
10	7	49	10		47	41	32	56	00	0		10	55	12		42	37	29	60	09	6	10	12	0	8	LF	46	46	45	96	36	4																								
13	10	65	10		51	43	32	48	34	6		10	40	10		45	40	32	61	15	7	10	5	3		47	46	45	93	03	8																									
16	8	UNL	8		50	42	32	50	34	6		10	22	4	R	41	39	37	86	11	6	10	8	6	F	46	45	43	89	02	9																									
19	10	200	8		43	38	31	63	34	4		10	7	2	RF	40	40	39	96	08	7	10	7	7		42	41	40	93	03	8																									
22	5	UNL	8		40	36	30	68	00	0		10	24	3		40	40	39	96	09	7	10	7	7		40	39	38	93	03	10																									
MAR 25th																			MAR 26th																			MAR 27th																		
01	10	12	10		40	39	37	89	03	8		10	18	7		43	41	38	83	33	5	3	UNL	5			42	42	41	96	00	0																								
04	10	29	12		40	38	36	86	03	7		10	19	7		42	40	38	86	33	4	3	UNL	1	4	F	40	40	39	96	00	0																								
07	10	26	12		40	38	35	82	02	8		2	UNL	3	F	39	38	37	93	35	5	10	UNL	0	8	F	41	41	41	100	09	3																								
10	10	26	12		44	41	38	80	02	8		6	20	10		50	46	41	71	03	3	10	8	6		49	47	45	86	08	9																									
13	10	23	15		50	45	40	69	03	8		0	UNL	12		56	50	44	64	14	4	10	8	8		51	49	46	83	08	9																									
16	10	25	15		52	47	41	66	34	5		2	UNL	12		59	52	45	60	17	7	10	16	15		54	50	47	77	06	11																									
19	10	24	15		48	44	40	74	33	6		4	UNL	7		52	48	43	72	17	5	10	15	15		52	51	49	90	06	12																									
22	10	18	15		46	43	39	77	00	0		2	UNL	7		44	43	41	89	16	5	10	3	1	12	LF	50	50	49	96	06	12																								
MAR 28th																			MAR 29th																			MAR 30th																		
01	10	3	1	12	LF	50	50	49	96	05	9	10	1	1	LF	52	52	52	100	06	5	10	47	10			52	50	49	90	36	7																								
04	10	2	1		F	50	50	49	96	05	12	10	5	7	R	51	51	51	100	05	8	10	20	10			51	50	48	90	01	7																								
07	10	2	1			49	49	49	100	06	10	10	7	7	R	52	52	51	96	04	6	10	16	5			51	51	50	96	36	8																								
10	10	4	2	8	RF	51	51	50	96	07	10	10	5	3		53	53	52	96	00	0	10	23	15			54	50	47	77	35	9																								
13	10	4	7			57	55	53	87	06	8	10	16	12		55	53	52	90	32	3	10	27	15			57	52	47	69	35	8																								
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19	10	5	4		F	55	55	55	100	04	8	10	29	8		54	53	52	93	35	4	10	35	15			56	51	47	72	02	9																								
22	10	2	1		LF	53	53	53	100	06	8	10	29	10		53	53	52	96	36	4	1	UNL	15			53	50	47	80	00	0																								
MAR 31st																																																								
01	0	UNL	15		47	46	45	93	00	0																																														
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10	8	UNL	12		60	53	47	62	12	6																																														
13	7	UNL	15		62	56	51	67	17	10																																														
16	10	140	15		54	51	48	80	17	10																																														
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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

MAR 1993

13781

WILMINGTON, DE

USCOMM - NOAA - ASHEVILLE, NC

225

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

A.M. HOUR ENDING AT

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P.M. HOUR ENDING AT

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