

NOV 1992
WILMINGTON, DE
NAT'L WEA SER OFC
AIRPORT TERMINAL BLDG

ISSN 0198-117X

LOCAL CLIMATOLOGICAL DATA Monthly Summary

GREATER WILMINGTON AIRPORT

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



NOV 1992
WILMINGTON, DE

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) 7A	COOLING (SEASON BEGINS WITH JAN) 7B			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					
01	48	45	47	-4	35	18	0		0	T	0.0	30.160	04	5.6	6.7	16	E	10	07	10	10	
02	59	43	51	1	44	14	0	1	0	0.51	0.0	30.100	09	8.8	10.2	28	SE	22	14	10	10	
03	71	50	61	11	51	4	0	1	0	0.65	0.0	29.950	04	0.5	8.8	33	S	23	17	2	3	
04	64	47	56	6	53	9	0	2	0	T	0.0	29.860	15	4.1	7.4	18	S	14	15	10	10	
05	64	42	53	4	47	12	0	1	0	0.29	0.0	29.705	33	8.5	9.7	26	NW	18	32	10	10	
06	50	36	43	-6	34	22	0		0	0.00	0.0	29.960	32	8.8	9.5	25	NW	20	33	6	7	
07	47	33	40	-9	28	25	0		0	T	0.0	30.170	01	7.3	7.9	18	NW	14	01	9	8	
08	45	29	37	-11	21	28	0		0	0.00	0.0	30.315	34	8.0	9.0	23	NW	14	31	0	2	
09	47	26	37	-11	22	28	0		0	0.00	0.0	30.495	33	4.2	4.7	17	W	9	36	2	4	
10	52	31	42	-6	33	23	0	1	8	0.00	0.0	30.470	16	4.1	6.3	17	S	10	20	4	3	
11	59	42	51	4	46	14	0	1	0	0.01	0.0	30.220	22	5.1	5.4	21	SW	14	24	10	10	
12	72*	51	62*	15	54	3	0	1	0	0.48	0.0	29.850	17	10.5	11.5	37	S	29	18	8	9	
13	67	40	54	7	29	11	0		0	0.53	0.0	29.760	28	10.7	13.5	38	S	30	24	1	2	
14	45	29	37	-9	19	28	0		0	0.00	0.0	30.080	30	7.3	7.9	29	NW	17	30	1	2	
15	43	29	36	-10	23	29	0		0	0.01	T	30.160	28	5.5	6.4	23	NW	17	30	8	6	
16	44	26*	35*	-10	20	30	0		0	0.00	0.0	30.330	29	4.6	7.8	16	NW	14	32	5	3	
17	54	36	45	0	30	20	0		0	T	0.0	30.115	20	6.9	7.7	22	S	16	20	9	9	
18	51	40	46	1	38	19	0	1	8	T	0.0	30.180	04	6.2	6.7	18	NE	14	03	10	10	
19	41	38	40	-4	32	25	0	1	4	0.03	T	30.380	04	7.3	7.7	17	NE	12	06	10	10	
20	50	32	41	-3	32	24	0		0	0.00	0.0	30.510	07	7.8	8.7	17	E	12	07	5	5	
21	60	41	51	7	47	14	0		0	0.03	0.0	30.210	13	4.9	6.5	15	S	12	17	10	9	
22	65	55	60	17	59	5	0	1	3	0.63	0.0	29.860	18	5.5	6.1	21	SW	15	20	10	10	
23	71	47	59	16	55	6	0	1	3	0.73	0.0	29.670	28	7.5	11.3	28	NW	20	26	7	7	
24	60	44	52	9	44	13	0	1		0.08	0.0	30.070	07	4.3	7.1	20	SE	12	12	7	8	
25	56	49	53	11	51	12	0	2		0.01	0.0	30.070	07	3.4	5.2	14	NE	10	06	10	10	
26	60	53	57	15	56	8	0	2		0.28	0.0	29.910	18	0.9	5.8	21	NW	16	32	10	10	
27	57	40	49	8	35	16	0		0	0.00	0.0	29.940	34	8.1	8.7	28	NW	16	34	8	7	
28	53	40	47	6	33	18	0		0	0.00	0.0	29.960	35	6.4	6.8	15	NW	9	34	8	9	
29	47	38	43	2	32	22	0		8	T	0.0	29.960	30	8.0	8.5	18	W	13	29	10	10	
30	46	29	38	-2	26	27	0		0	0.00	0.0	29.920	27	7.0	7.9	23	W	14	26	0	0	
SUM	SUM					TOTAL	TOTAL	NUMBER OF DAYS		TOTAL	TOTAL	FOR THE MONTH:							TOTAL	%	SUM	SUM
1648	1181					527	0			4.27	T	30.080	33	1.6	7.9	38	S	30	24	FOR	210	213
AVG.	AVG.	AVG.	DEP.	AVG.	DEP.			PRECIPITATION		DEP.						DATE:13	DATE:13	POSSIBLE	MONTH	AVG.	AVG.	
54.9	39.4	47.2	1.6	37.6	-55		0	14		0.94										7.0	7.1	
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							SNOW, ICE PELLETS OR ICE AND DATE							
MAXIMUM TEMP.						948	923	THUNDERSTORMS		PRECIPITATION					SNOW, ICE PELLETS							
≥ 90°						DEP.	DEP.	HEAVY FOG		3					1.33 22-23 trace 19+							
0						48	-92	CLEAR 6		PARTLY CLOUDY 6					CLOUDY 18							

* 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

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ASHEVILLE NORTH CAROLINA

Kenneth D. Wadsworth
DIRECTOR
NATIONAL CLIMATIC DATA CENTER

NOV 1992 13781
WILMINGTON, DE

MAXIMUM SHORT DURATION PRECIPITATION

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

NOV 1992
WILMINGTON, DE

13781

WILMINGTON, DE																																	
HOUR U.S.T.	SKY COVER (TENTHS)		VISI-BILITY		WEATHER	TEMPERATURE				WIND		SKY COVER (TENTHS)		VISI-BILITY		WEATHER	TEMPERATURE				WIND		SKY COVER (TENTHS)		VISI-BILITY		WEATHER	TEMPERATURE				WIND	
						AIR OF	WET BULB OF	DEN POINT OF	REL HUMIDITY %								AIR OF	WET BULB OF	DEN POINT OF	REL HUMIDITY %								AIR OF	WET BULB OF	DEN POINT OF	REL HUMIDITY %		
NOV 19th																																	
01	10	5	1	8	LF	40	40	39	96	03	8	10	50	10			40	35	27	60	05	5	6	33	10			42	40	37	83	08	6
04	10	5	2		LF	39	39	38	96	05	8	4	UNL	7			36	32	25	64	04	7	10	34	10			43	41	38	83	07	6
07	10	21	4		RF	39	37	35	86	04	8	0	UNL	8			33	31	26	76	04	9	10	35	10			47	45	42	83	12	7
10	10	35	8			40	36	31	70	05	6	2	UNL	8			42	38	31	65	06	8	8	80	10			53	50	48	83	12	6
13	10	29	8			41	36	27	58	04	8	2	UNL	9			48	42	34	59	07	8	10	37	8			60	56	52	75	17	10
16	10	44	9			39	35	29	67	04	5	10	43	10			50	43	35	57	12	7	10	41	12			59	55	51	75	19	5
19	10	35	10			38	36	32	79	36	5	10	41	10			47	43	37	68	09	9	10	110	12			57	54	51	81	16	6
22	10	35	10			39	36	32	76	01	4	0	UNL	12			43	40	36	76	08	6	10	95	10		RW	55	53	51	87	15	3
NOV 20th																																	
NOV 21st																																	
NOV 22nd																																	
01	10	85	8			55	54	53	93	14	5	10	28	8			61	60	60	97	19	6	7	120	10			49	45	41	74	27	4
04	10	28	5		L	60	59	58	93	22	6	10	25	2		TRWF	63	62	62	97	29	8	10	250	10			47	45	42	83	29	4
07	10	45	5		F	57	56	56	97	14	4	5	UNL	10			61	60	60	97	16	4	8	UNL	10			44	42	40	86	02	6
10	10	12	2		RF	62	61	61	97	19	8	8	21	8			67	65	64	90	26	11	8	UNL	20			55	49	43	64	05	8
13	10	11	1		RW	64	63	63	97	20	8	7	UNL	15			70	60	53	55	31	12	8	UNL	20			60	52	44	56	08	5
16	10	14	3		F	62	61	61	97	17	4	7	UNL	15			63	55	49	61	32	16	10	120	15			58	51	44	60	06	4
19	8	65	5		F	60	60	60	100	18	4	9	250	12			54	51	48	80	33	9	10	17	10			53	50	47	80	08	8
22	10	70	9			59	58	58	97	17	5	5	UNL	12			48	47	45	89	32	6	10	17	10			50	49	47	90	13	4
NOV 23rd																																	
NOV 24th																																	
NOV 25th																																	
01	10	39	7			50	49	48	93	11	5	10	0	0	2	F	53	53	53	100	00	0	10	60	10			53	50	46	77	32	13
04	10	9	7		L	50	49	48	93	05	7	10	0	1	8	F	54	54	54	100	10	4	6	50	10			46	41	35	66	31	6
07	10	9	2		F	50	49	48	93	06	6	10	3	1	8	RF	54	54	54	100	00	0	0	UNL	10			42	39	34	73	29	5
10	10	5	3		F	52	51	50	93	07	4	10	2	1	8	LF	56	55	55	97	16	3	8	150	12			47	41	33	58	34	14
13	10	9	6		F	56	53	51	83	00	0	10	1	0	4	F	56	56	56	100	15	4	10	150	15			49	42	34	56	35	9
16	10	120	5		F	55	53	52	90	21	8	10	1	0	2	RWF	59	59	59	100	17	5	10	100	15			48	42	33	56	34	4
19	10	5	3		F	54	53	52	93	00	0	10	3	1		LF	59	58	58	97	30	4	3	UNL	15			43	39	34	71	31	5
22	10	4	2			54	54	53	96	00	0	10	47	8			59	58	58	97	30	7	7	120	15			43	39	33	68	01	7
NOV 26th																																	
NOV 27th																																	
NOV 28th																																	
01	10	75	12			41	38	34	76	36	5	10	70	12			39	37	33	79	33	4	5	UNL	10			39	35	28	65	30	7
04	10	75	12			40	37	32	73	01	6	10	65	12			41	38	34	76	34	4	0	UNL	10			34	31	25	70	27	7
07	9	90	10			41	37	32	70	35	6	10	60	7			41	38	35	79	32	5	0	UNL	8			29	27	24	82	30	5
10	9	85	15			47	41	33	58	35	5	10	65	6			43	40	35	74	29	5	0	UNL	9			38	33	25	60	27	8
13	8	80	15			52	44	33	49	32	6	10	75	9			47	41	33	58	30	10	0	UNL	12			45	38	28	52	30	12
16	7	UNL	15			49	42	33	54	32	8	10	60	9			44	39	32	63	28	10	0	UNL	12			44	37	26	49	29	9
19	5	UNL	15			42	38	33	71	33	6	10	65	10			42	36	28	58	29	8	0	UNL	12			39	34	26	60	22	4
22	10	75	15			42	39	34	73	35	3	5	UNL	10			38	34	28	67	27	8	0	UNL	10			35	32	27	73	20	7
NOV 29th																																	
NOV 30th																																	

SUMMARY BY HOURS

HOUR L.S.T	AVERAGES								RESULTANT WIND	
	SKY COVER (TENTHS)	STATION PRESSURE (INCHES)	TEMPERATURE			REL HUMIDITY %	WIND SPEED (MPH)	DIRECTION	SPEED (MPH)	
			AIR TEMP of	WET BULB of	DEW POINT of					
01	8	30.070	45	42	38	78	6.8	31	1.3	
04	8	30.070	44	41	37	78	7.7	34	2.7	
07	7	30.100	43	40	36	80	6.9	36	3.5	
10	7	30.110	48	44	37	68	9.4	35	3.6	
13	7	30.070	52	46	37	60	10.4	30	3.2	
16	8	30.060	51	45	37	62	8.1	27	2.4	
19	7	30.070	47	43	38	73	6.6	32	1.2	
22	7	30.070	45	43	39	79	6.6	28	0.4	

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NOV 1992 13781
WILMINGTON, DE
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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	T																								01	
02	T						T	T	0.01	0.03	0.01	0.03	0.01	0.02	T	0.01	T	0.03	0.01	0.02	0.05	0.06	0.04	T	0.18	02
03	0.02	0.11	0.18	0.12	0.19	0.03																				03
04																										04
05	T	T							T	T	0.01	0.02	0.05	0.02	T		0.02	0.04	0.05	0.03	0.01	0.02	0.01	0.01		05
06																										06
07																										07
08																										08
09																										09
10																										10
11																										11
12	T												T	T	T	0.01	T	T	T	T	T	T	T	T	0.03	12
13	0.02	0.49	0.02																							13
14																										14
15																										15
16																										16
17																										17
18																										18
19	T	T	0.01	T	T	T	0.02	T																		19
20																										20
21																										21
22	T	0.01	T	0.01	0.01		T	T	T	0.14	0.02		0.19	0.23								T	0.02	0.01		22
23	T		0.06	0.56	0.11																		0.01	0.01		23
24																										24
25			T	0.01	T					T	T											0.01	0.01	0.06	T	25
26						0.01	0.01	0.01	0.02	0.01	T	T				0.02	0.14	0.04	0.01	T	0.01					26
27																										27
28																										28
29																										29
30																										30

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