

NOV 1985  
 WILMINGTON, DELAWARE  
 NAT'L WEA SER OFC  
 AIRPORT TERMINAL BLDG

ISSN 0198-117X

# LOCAL CLIMATOLOGICAL DATA

## Monthly Summary



GREATER WILMINGTON AIRPORT

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

NOV 1985  
 WILMINGTON, DELAWARE

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 MINUTES	SKY COVER (TENTHS)			DATE			
	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		FASTEST MILE	PERCENT OF TOTAL POSSIBLE	SUNRISE TO SUNSET		MIDNIGHT		
1	2	3	4	5	6	7A	7B	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
01	64	49	57	6	43	8	0	0	0	0.00	0.0	29.900	07	16.1	16.6	22	07			9	8	01	
02	55	49	52	2	46	13	0	1	0	T	0.0	29.885	06	15.6	15.8	21	05			10	9	02	
03	60	52	56	6	46	9	0	0	0	T	0.0	29.970	07	16.4	16.8	22	07			10	10	03	
04	61	55	58	8	53	7	0	1	0	0.31	0.0	29.760	09	19.6	19.9	26	09			10	10	04	
05	60	50	55	6	52	10	0	1	8	0.17	0.0	29.395	15	6.7	9.3	24	09			10	10	05	
06	57	46	52	3	46	13	0	1	0	T	0.0	29.600	29	9.1	10.2	20	30			9	8	06	
07	62	40	51	2	45	14	0	0	0	0.00	0.0	29.740	23	4.8	6.8	12	17			1	3	07	
08	57	42	50	2	31	15	0	0	0	0.00	0.0	30.030	30	11.1	12.3	18	30			0	0	08	
09	66	37	52	4	37	13	0	0	0	0.00	0.0	30.210	21	9.4	10.6	20	20			4	5	09	
10	71	54	63	15	50	2	0	0	0	0.00	0.0	30.120	21	10.6	11.5	18	23			4	4	10	
11	74	47	61	14	51	4	0	1	8	T	0.0	30.225	04	3.5	7.2	17	04			9	8	11	
12	52	48	50	3	50	15	0	2	0	0.01	0.0	30.295	06	7.1	8.0	16	06			10	10	12	
13	68	50	59	12	59	6	0	2	8	0	0.01	0.0	30.020	25	5.7	6.4	12	22			10	10	13
14	69	52	61	15	58	4	0	2	8	0	0.02	0.0	30.010	18	2.6	7.3	17	30			8	8	14
15	65	44	55	9	33	10	0	0	0	T	0.0	30.260	01	11.3	12.9	18	33			10	9	15	
16	58	39	49	4	40	16	0	1	0	0.81	0.0	30.275	07	9.6	12.4	17	07			10	10	16	
17	61	46	54	9	45	11	0	1	0	0.05	0.0	30.150	29	6.8	7.6	16	30			9	9	17	
18	60	39	50	5	44	15	0	1	8	0.00	0.0	30.350	14	3.1	5.5	9	16			7	6	18	
19	71	47	59	15	55	6	0	2	8	0.00	0.0	30.270	20	4.1	5.7	14	22			10	9	19	
20	75*	53	64*	20	57	1	0	2	0	0.00	0.0	30.100	25	7.3	11.3	18	22			8	9	20	
21	58	41	50	6	28	15	0	0	0	0.00	0.0	30.240	35	10.7	12.1	20	02			10	9	21	
22	42	37	40	-3	36	25	0	1	0	0.79	0.0	30.025	03	10.3	13.6	22	07			10	9	22	
23	52	35	44	1	34	21	0	1	0	0.00	0.0	30.060	31	6.0	7.5	17	35			1	0	23	
24	54	30*	42	-1	31	23	0	1	8	0.00	0.0	30.090	30	7.3	8.1	16	30			4	5	24	
25	42	34	38*	-4	25	27	0	0	0	0.03	0.0	30.240	36	5.3	6.4	10	34			10	8	25	
26	47	37	42	0	39	23	0	1	0	0.21	0.0	29.980	07	6.0	6.5	12	07			10	10	26	
27	54	42	48	7	45	17	0	1	8	0.24	0.0	29.860	02	6.9	7.8	15	05			10	10	27	
28	43	40	42	1	40	23	0	1	0	1.21	0.0	29.880	05	10.9	11.5	15	06			10	10	28	
29	43	38	41	0	38	24	0	1	0	0.02	0.0	30.100	02	10.0	10.4	16	05			10	10	29	
30	46	41	44	4	42	21	0	1	0	0.58	0.0	30.090	06	16.5	16.8	22	07			10	10	30	
SUM	SUM					TOTAL	TOTAL			TOTAL	TOTAL		FOR THE MONTH:				TOTAL	%	SUM	SUM			
1747	1314					411	0			4.46	0.0	30.040	04	3.3	10.5	26	09			FOR	243	236	
AVG.	AVG.	AVG.	DEP.	AVG.	DEP.	DEP.	DEP.			PRECIPITATION						DATE: 4	POSSIBLE	MONTH	AVG.	AVG.			
58.2	43.8	51.0	5.4	43.2	-17.1	0	0			1.13									8.1	7.9			
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.						MINIMUM TEMP.		THUNDERSTORMS		PRECIPITATION		SNOW, ICE PELLETS											
> 90°						< 32°		0		1.23		28-29		0.0									
0						0		CLEAR 3		PARTLY CLOUDY 4		CLOUDY 23											

\* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE.  
 † 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. ONE OF THREE WIND SPEEDS IS GIVEN UNDER FASTEST MILE: 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). PEAK GUST - HIGHEST INSTANTANEOUS WIND SPEED (A / APPEARS IN THE DIRECTION COLUMN). ERRORS WILL BE CORRECTED AND NOTED IN SUBSEQUENT PUBLICATIONS.

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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

OBSERVATIONS AT 3-HOUR INTERVALS

NOV 1985 13781  
WILMINGTON, DELAWARE

HOUR	L.S.T.	VISI-BILITY				TEMPERATURE				WIND			SKY COVER (TENTHS)	VISI-BILITY				WEATHER	TEMPERATURE				WIND												
		SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	WHOLE MILES	16THS MILE	AIR OF	WET BULB OF	DEW POINT OF	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)	SKY COVER (TENTHS)		CEILING IN HUNDREDS OF FEET	WHOLE MILES	16THS MILE	AIR OF		WET BULB OF	DEW POINT OF	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)	SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	WHOLE MILES	16THS MILE	AIR OF	WET BULB OF	DEW POINT OF	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)		
NOV 1st												NOV 2nd												NOV 3rd											
01	10	70	10			54	50	46	75	08	14	9	UNL	15			49	45	40	71	07	11	10	26	10			53	50	48	83	07	13		
04	10	20	10			53	50	46	77	07	17	9	UNL	15			50	45	39	66	06	12	10	44	7			53	50	48	83	07	13		
07	10	250	10			50	48	45	83	07	17	10	250	12			49	46	42	77	06	13	10	23	9			53	50	48	83	05	13		
10	9	250	12			55	50	44	67	06	14	10	36	12			54	50	47	77	06	17	10	40	12			57	52	47	69	06	12		
13	10	UNL	15			63	52	40	43	06	15	10	7	2			52	51	50	93	06	11	10	34	12			59	52	45	60	09	15		
16	10	250	15			61	49	37	41	08	12	10	11	7			54	52	50	86	05	15	10	55	12			58	51	44	60	09	14		
19	6	UNL	15			53	48	42	66	07	13	10	20	12			55	51	47	75	07	17	7	250	12			55	50	44	67	09	16		
22	6	UNL	15			51	46	41	69	07	15	8	250	12			53	50	48	83	06	14	10	95	12			54	50	46	75	06	14		
NOV 4th												NOV 5th												NOV 6th											
01	10	17	12			55	52	49	80	09	11	10	10	7			60	59	58	93	09	21	10	3	1			50	50	50	100	28	4		
04	10	44	12			55	52	50	83	09	15	10	7	8			59	58	58	97	11	5	10	32	6			51	51	50	96	28	4		
07	10	17	12			55	52	50	83	08	18	9	50	6			57	55	53	87	15	12	10	19	4			52	52	51	96	30	7		
10	10	20	10			56	52	49	78	07	15	9	48	7			59	55	51	75	14	10	10	20	10			54	51	48	80	31	15		
13	10	44	10			59	55	51	75	11	16	10	55	7			58	54	51	78	17	10	10	30	12			55	50	44	67	30	16		
16	10	17	9			59	56	54	84	09	22	10	41	6			55	52	50	83	16	10	5	UNL	15			54	49	44	69	33	14		
19	10	14	7		R	60	58	57	90	08	18	10	5	4			51	50	49	93	22	6	0	UNL	15			49	46	43	80	24	6		
22	10	19	7		RL	60	58	57	90	09	20	10	12	1			50	50	50	100	22	7	6	36	15			51	48	44	77	28	8		
NOV 7th												NOV 8th												NOV 9th											
01	3	UNL	10			48	46	44	86	26	8	6	95	12			52	47	42	69	30	14	0	UNL	15			42	38	33	71	27	6		
04	0	UNL	10			44	43	42	93	19	6	0	UNL	12			47	43	37	68	31	12	0	UNL	15			38	36	34	86	32	4		
07	0	UNL	7			41	41	40	96	24	3	0	UNL	12			43	38	32	65	30	10	5	UNL	12			41	39	36	83	00	0		
10	0	UNL	10			55	50	44	67	23	6	0	UNL	15			51	43	32	48	32	12	3	UNL	12			53	47	40	62	21	4		
13	2	UNL	15			60	53	46	60	24	8	0	UNL	15			56	44	28	34	30	16	3	UNL	15			65	51	37	36	24	16		
16	0	UNL	15			60	52	45	58	17	10	0	UNL	15			56	43	25	30	28	14	3	UNL	15			63	49	33	33	20	16		
19	7	95	15			54	51	49	83	19	4	0	UNL	15			48	39	27	44	22	6	10	220	15			57	47	35	44	19	14		
22	8	85	12			54	50	47	77	31	6	0	UNL	15			43	38	31	63	24	5	7	230	15			56	49	42	60	21	14		
NOV 10th												NOV 11th												NOV 12th											
01	5	UNL	12			55	49	43	64	19	11	2	UNL	15			55	53	52	90	00	0	10	4	3			51	50	49	93	07	10		
04	5	UNL	12			57	52	47	69	21	8	3	UNL	7			53	53	52	96	00	0	10	3	2			49	49	48	96	06	14		
07	5	UNL	12			56	53	50	80	20	11	7	250	5			47	47	46	96	32	6	10	2	0			48	48	48	100	08	13		
10	3	UNL	15			65	58	52	63	23	15	10	85	10			62	57	53	73	28	7	10	3	1			50	50	49	96	07	11		
13	6	UNL	15			69	59	52	55	23	16	8	250	15			72	62	55	55	00	0	10	2	0			51	51	51	100	03	7		
16	3	UNL	15			69	59	52	55	23	11	10	100	10			69	61	56	63	35	7	10	2	0			50	50	50	100	07	7		
19	3	UNL	15			60	56	52	75	16	5	10	36	8			56	52	49	78	04	12	10	2	0			50	50	50	100	36	5		
22	3	UNL	15			56	53	51	83	16	5	10	3	3			52	51	50	93	07	10	10	1	0			51	51	51	100	00	0		
NOV 13th												NOV 14th												NOV 15th											
01	10	0	0		1	F	52	52	52	100	00	0	6	UNL	7			60	58	57	90	00	0	8	75	12			62	56	50	65	31	13	
04	10	1	0		2	LF	53	53	53	100	01	4	4	UNL	5			56	56	56	100	30	4	4	UNL	12			53	47	40	62	35	12	
07	10	1	0		2	LF	57	57	57	100	00	0	6	250	1			54	54	54	100	36	4	9	36	12			48	44	39	71	36	9	
10	10	9	3			F	64	63	62	93	24	9	4	UNL	3			62	60	58	87	08	9	10	100	20			48	41	30	50	02	15	
13	10	85	5			H	68	64	62	81	22	9	10	39	4			67	63	60	78	18	10	10	250	20			50	43	33	52	02	14	
16	10	44	4			RNF	67	65	63	87	25	7	10	48	2			62	61	60	93	16	6	10	250	15			49	41	30	48	02	6	
19	10	250	7				63	61	60	90	28	7	8	75	6			60	59	58	93	23	6	7	250	15			47	39	26	44	04	9	
22	10	250	7				63	60	58	84	27	6	10	75	7			63	61	60	90	27	7	10	85	15			45	37	25	46	05	14	
NOV 16th												NOV 17th												NOV 18th											
01	10	85	15				44	36	24	45	06	10	10	8	10			51	51	50	96	24	8	7	250	12			46	44	42	86	20	4	
04	10	70	10			RW	41	36	28	60	07	10	10	4	4			51	50	49	93	27	10	1	UNL	10			42	41	40	93	33	4	
07	10	60	5			RF	40	38	35	82	07	14	9	9	4			48	47	46	93	34	7	1	UNL	3			44	43	42	93	03	4	
10	10	8	7				39	38	37	93	06	12	10	250	8			51	49	46	83	30	5	5	UNL	6			51	46	40	66	12	7	
13	10	5	2			8	LF	41	40	39	93	07	13	9	250	15			59	50	41	52	30	14	10	UNL	9			58	50	42	56	06	3
16	10	4	1				RF	44	44	43	96	06	9	6	250	15			59	51	43	56	30	8	10	UNL	10			58	50	42	56	16	8
19	10	3	2				RF	48	48	47	96	07	6	10	250	12			54	48	41	62	23	3	10	34	10			55	52	49	80	16	6
22	10	5	2			8	RF	53	53	52	96	28	7	10	270	12			46	44	42	86	33	5	3	UNL	10			53	51	49	86	13	5

WEATHER CODES

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

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).



HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

NOV 1985 13781  
WILMINGTON, DELAWARE

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																									04	
05	0.11																								05	
06	T	T																							06	
07																									07	
08																									08	
09																									09	
10																									10	
11																									11	
12																									12	
13																									13	
14																									14	
15	T																								15	
16																									16	
17	0.05																								17	
18																									18	
19																									19	
20																									20	
21																									21	
22																									22	
23																									23	
24																									24	
25																									25	
26																									26	
27	0.11	T	T	0.01	0.01	T																			27	
28	T	T	T	0.01	0.01	0.01	0.08	0.02	T	0.01	0.01	0.01	0.01	0.01	0.01	0.05	0.06	0.06	0.06	0.12	0.18	0.17	0.14	0.13	0.06	28
29	0.02	T	T																						29	
30	T	T																							30	

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	0.08	0.09	0.11	0.16	0.21	0.27	0.32	0.36	0.46	0.53
ENDED: DATE	28	28	22	22	28	28	28	28	28	28	28	28
ENDED: TIME	2139	2038	1440	1445	2027	2004	2020	2039	2102	2139	2139	2139

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.

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