

Local Climatological Data



MONTHLY SUMMARY

LATITUDE 39° 40' N LONGITUDE 75° 36' W ELEVATION (GROUND) 74 FT. STANDARD TIME USED: EASTERN WBAN #13781

NOVEMBER 1976 WILMINGTON, DELAWARE

DATE	TEMPERATURE °F			DEPARTURE FROM NORMAL	AVERAGE DEW POINT	DEGREE DAYS BASE 65°		WEATHER TYPES ON DATES OF OCCURRENCE 1 FOG 2 HEAVY FOG 3 THUNDERSTORM 4 ICE PELLETS 5 HAIL 6 DRIZZLE 7 DUSTSTORM 8 SMOKE - HAZE 9 BLOWING SNOW	SNOW, ICE PELLETS OR ICE ON GROUND AT 07AM IN.	PRECIPITATION		AVG. STATION PRESSURE IN.	WIND				SUNSHINE		SKY COVER TENTHS	
	MAXIMUM	MINIMUM	AVERAGE			HEATING (SEASON BEGINS WITH JULY)	COOLING (SEASON BEGINS WITH JAN.)			WATER EQUIVALENT IN.	SNOW, ICE PELLETS IN.		RESULTANT DIR.	RESULTANT SPEED M.P.H.	AVERAGE SPEED M.P.H.	FASTEST MILE M.P.H.	DIRECTION	MINUTES	PERCENT OF POSSIBLE	SUNRISE TO SUNSET
1	51	32	42	-9	25	23	0		0	0	0	30.01	32	15.2	15.4	21	32	1	1	
2	53	26	40	-11	26	25	0		0	0	0	30.18	25	5.9	6.8	12	28	0	1	
3	56	40	48	-3	37	17	0		0	.03	0	30.00	20	5.6	6.8	13	21	10	9	
4	59	39	49	-1	37	16	0	1	8	0	0	29.88	26	.7	3.2	8	17	4	5	
5	47	38	43	-7	31	22	0	0	0	0	0	29.87	32	10.8	11.8	18	32	9	8	
6	53	33	43	-7	28	22	0	0	0	0	0	29.97	25	10.6	11.1	16	23	3	1	
7	59	37	48	-1	32	17	0	0	0	T	0	29.84	29	8.9	10.2	18	28	9	8	
8	43	28	36	-13	24	29	0	0	0	.01	T	29.85	31	13.9	13.8	29	32	5	4	
9	42	24	33	-15	20	32	0	0	0	T	0	29.91	23	8.1	10.2	18	20	8	8	
10	56	34	45	-3	26	20	0	0	0	T	0	29.67	28	8.6	11.5	24	29	4	4	
11	47	31	39	-9	28	26	0	0	0	T	0	29.93	29	7.4	9.4	16	33	7	7	
12	44	30	37	-10	23	28	0	0	0	.01	T	30.11	31	6.8	7.2	10	33	8	8	
13	46	26	36	-11	22	29	0	0	0	0	0	30.15	29	10.3	10.8	18	31	4	2	
14	49	29	39	-7	25	26	0	0	0	0	0	30.04	25	9.1	9.6	15	25	1	1	
15	47	31	39	-7	24	26	0	0	0	T	0	29.95	35	3.8	5.5	8	32	3	14	
16	49	27	38	-8	24	27	0	0	0	0	0	30.10	30	7.2	7.8	13	31	0	0	
17	51	26	39	-6	25	26	0	0	0	0	0	30.04	23	5.8	6.8	12	23	0	0	
18	55	35	45	0	28	20	0	0	0	0	0	29.64	29	8.8	10.9	22	31	3	3	
19	64	32	48	4	28	17	0	0	0	0	0	29.55	28	8.2	9.3	17	32	0	1	
20	51	33	42	-2	23	23	0	0	0	0	0	29.65	29	9.8	10.5	18	31	4	2	
21	50	29	40	-4	26	25	0	0	0	0	0	29.58	28	7.9	9.1	16	32	5	4	
22	42	31	37	-6	20	28	0	0	0	T	0	29.72	29	13.6	13.7	18	29	6	3	
23	43	29	36	-7	18	29	0	0	0	0	0	30.00	28	12.9	12.9	18	30	2	2	
24	41	23	32	-10	19	33	0	0	0	.01	T	30.03	26	9.1	9.6	14	30	7	6	
25	44	28	36	-6	20	29	0	0	0	T	T	30.02	19	2.8	5.6	8	16	7	5	
26	64*	29	47	6	37	18	0	1	8	0	0	29.94	22	7.0	8.8	18	22	7	6	
27	59	43	51*	10	49	14	0	2	8	.04	0	29.83	21	5.6	7.2	14	28	8	7	
28	54	41	48	7	48	17	0	2	8	.08	0	29.74	27	.4	1.0	6	18	10	28	
29	53	23	38	-2	32	27	0	1	4	.31	.1	29.70	32	13.5	13.7	16	30	10	9	
30	28	15*			9	43	0			.0	0	30.21	30	9.4	10.2	15	30	2	30	

* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE.
 T TRACE AMOUNT
 + ALSO ON AN EARLIER DATE, OR DATES.
 HEAVY FOG - VISIBILITY 1/4 MILE OR LESS.
 FIGURES FOR WIND DIRECTIONS ARE TENS OF DEGREES CLOCKWISE FROM TRUE NORTH. 00 = CALM.
 DATA IN COLS. 6 AND 12-15 ARE BASED ON 7 OR

MORE OBSERVATIONS PER DAY AT 3-HOUR INTERVALS.
 FASTEST MILE WIND SPEEDS ARE FASTEST OBSERVED ONE-MINUTE VALUES WHEN DIRECTIONS ARE IN TENS OF DEGREES. THE / WITH THE DIRECTION INDICATES PEAK GUST SPEED.
 ANY ERRORS DETECTED WILL BE CORRECTED AND CHANGES IN SUMMARY DATA WILL BE ANNOTATED IN THE ANNUAL SUMMARY

SUMMARY BY HOURS

LOCAL TIME	SKY COVER TENTHS	STATION PRESSURE IN.	TEMPERATURE			RELATIVE HUMIDITY %	WIND SPEED M.P.H.	DIRECTION	RESULTANT WIND SPEED M.P.H.
			AIR °F	WET BULB °F	DEW PT. °F				
01	4	29.80	37	34	28	70	8.1	28	5.7
04	3	29.89	35	32	27	72	7.6	28	5.4
07	9	29.82	34	31	26	75	7.5	28	5.8
10	9	29.84	43	38	29	58	10.8	29	6.9
13	8	29.88	48	40	28	48	12.8	28	10.3
16	9	29.87	47	39	27	48	11.3	28	7.9
19	4	29.91	41	36	27	59	9.0	28	6.0
22	4	29.92	38	34	27	64	7.6	27	5.8

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

DATE	A. M. HOUR ENDING AT												P. M. HOUR ENDING AT											
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
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29																								
30																								

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Daniel B. Mitchell
 DIRECTOR, NATIONAL CLIMATIC CENTER

OBSERVATIONS AT 3-HOUR INTERVALS

Table with columns for HOUR, VISIBILITY, WIND, TEMPERATURE, and WEATHER, organized by day (DAY 01 to DAY 30). Each row represents a 3-hour interval with corresponding data points.

NOTES
CEILING
UNL INDICATES UNLIMITED

WEATHER
T TORNADO
Y THUNDERSTORM
Q SQUALL
R RAIN
RM RAIN SHOWERS
ZR FREEZING RAIN
L DRIZZLE
ZL FREEZING DRIZZLE
S SNOW
SP SNOW PELLETS
IC ICE CRYSTALS
SM SNOW SHOWERS
SO SNOW GRAINS
IP ICE PELLETS
H HAIL
F FOG
IF ICE FOG
GF GROUND FOG
BO BLOWING DUST
BN BLOWING SAND
BS BLOWING SNOW
BY BLOWING SPRAY
K SMOKE
H HAZE
D DUST

WIND
DIRECTIONS ARE THOSE FROM WHICH THE WIND BLOWS, INDICATED IN TERMS OF DEGREES FROM TRUE NORTH: I.E., 09 FOR EAST, 18 FOR SOUTH, 27 FOR WEST. ENTRY OF 00 IN THE DIRECTION COLUMN INDICATES CALM.
SPEED IS EXPRESSED IN KNOTS; MULTIPLY BY 1.15 TO CONVERT TO MILES PER HOUR.

STATION YEAR & MONTH
WILMINGTON DEL 76 11

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