



LOCAL CLIMATOLOGICAL DATA
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

WILMINGTON, DELAWARE
NATIONAL WEATHER SERVICE OFC
GREATER WILMINGTON AIRPORT
MARCH 1975

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

Main monthly climate data table with columns for DATE, TEMPERATURE (MAX, MIN, AVG, DEPTURE, AVERAGE, DEW POINT, HEATING, COOLING), WEATHER TYPES, SNOW, PRECIPITATION, WIND (RESULTANT, AVERAGE, FASTEST), SUNSHINE, and SKY COVER. Includes summary rows for total precipitation, average values, and seasonal statistics.

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

Hourly precipitation table with columns for DATE, A. M. HOUR ENDING AT (1-12), and P. M. HOUR ENDING AT (1-12). Shows precipitation amounts in inches for each hour.

WILMINGTON, DELAWARE

* EXTREME TEMPERATURES FOR THE MONTH...
- BELOW ZERO TEMPERATURE OR NEGATIVE DEPARTURE FROM NORMAL...
+ > 70° AT ALASKAN STATIONS...
x ALSO ON AN EARLIER DATE, OR DATES...
x HEAVY FOG RESTRICTS VISIBILITY TO 1/4 MILE OR LESS...
T IN THE HOURLY PRECIPITATION TABLE AND IN COLUMNS 9, 10, AND 11 INDICATES AN AMOUNT TOO SMALL TO MEASURE...
THE SEASON FOR DEGREE DAYS BEGINS WITH JULY FOR HEATING AND JANUARY FOR COOLING...
DATA IN COLUMNS 6, 12, 13, 14, AND 15 ARE BASED ON 8 OBSERVATIONS PER DAY AT 3-HOUR INTERVALS...
WIND DIRECTIONS ARE THOSE FROM WHICH THE WIND BLOWS. RESULTANT WIND IS THE VECTOR SUM OF WIND DIRECTIONS AND SPEEDS DIVIDED BY THE NUMBER OF OBSERVATIONS...
FIGURES FOR DIRECTIONS ARE TENS OF DEGREES FROM TRUE NORTH (I.E., 09=090°E, 19=SOUTH, 27=WEST, 36=NORTH, AND 00=CALM). WHEN DIRECTIONS ARE IN TENS OF DEGREES IN COL. 17, ENTRIES IN COL. 15 ARE FASTEST OBSERVED 1-MINUTE SPEEDS. IF THE / APPEARS IN COL. 17, SPEEDS ARE DUSTS.
ANY ERRORS DETECTED WILL BE CORRECTED AND CHANGES IN SUMMARY DATA WILL BE ANNOTATED IN THE ANNUAL SUMMARY.

SUBSCRIPTION PRICE: LOCAL CLIMATOLOGICAL DATA \$2.55 PER YEAR INCLUDING ANNUAL ISSUE IF PUBLISHED. FOREIGN MAILING \$2.10 EXTRA. SINGLE COPY: 20¢ FOR MONTHLY ISSUE; 15¢ FOR ANNUAL SUMMARY. MAKE CHECKS PAYABLE TO DEPARTMENT OF COMMERCE, NOAA. SEND PAYMENTS AND ORDERS TO NATIONAL CLIMATIC CENTER, FEDERAL BUILDING, ASHEVILLE, NORTH CAROLINA 28801.
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 CENTER, ASHEVILLE, NORTH CAROLINA, 28801.
William H. Haggard
DIRECTOR, NATIONAL CLIMATIC CENTER

SUMMARY BY HOURS

Summary by hours table with columns for HOUR LOCAL TIME, SKY COVER TENS, STATION PRESSURE IN., TEMPERATURE (AIR °F, MET BULB °F, DEW PT. °F), RELATIVE HUMIDITY %, WIND SPEED M.P.H., DIRECTION, and RESULTANT WIND SPEED M.P.H.

OBSERVATIONS AT 3-HOUR INTERVALS

HOUR	TEMPERATURE				WIND	VISI-BILITY	WEATHER	TEMPERATURE				WIND	VISI-BILITY	WEATHER	TEMPERATURE				WIND																	
	AIR ° F	NET BULB ° F	DEW PT. ° F	REL. HUM.				AIR ° F	NET BULB ° F	DEW PT. ° F	REL. HUM.				AIR ° F	NET BULB ° F	DEW PT. ° F	REL. HUM.																		
01	8	85	8				DAY 01	39	37	34	82	18	4			DAY 02	33	28	17	52	00	0				DAY 03	28	24	15	58	29	11				
04	6	100	10					37	34	30	76	31	8				30	25	14	51	34	9				27	23	10	49	31	14					
07	7	95	15					35	30	19	62	31	10				29	25	14	53	34	10				27	24	10	48	31	13					
10	7	UNL	30					40	32	15	36	31	10				5	UNL	30	33	26	11	40	36	11			5	UNL	30	31	24	07	36	29	16
13	7	45	30					45	35	16	31	28	15				8	48	30	32	12	38	32	14			8	50	30	33	26	09	36	30	18	
16	4	UNL	30					44	33	11	26	29	15				3	UNL	30	35	29	14	40	30	16			3	UNL	30	33	26	08	35	28	18
19	1	UNL	25					35	28	14	42	35	8				3	UNL	30	30	26	19	64	30	18			1	UNL	30	30	24	10	43	28	14
22	8	140	20					35	28	16	50	32	8				3	UNL	30	31	26	19	51	30	12			1	UNL	30	28	23	08	43	28	10

NOTES
CELLING COLUMN-
UNL INDICATED AN UNLIMITED
CELLING

WEATHER COLUMN-
* TORNADO
T THUNDERSTORM
Q SQUALL
R RAIN
RW RAIN SHOWERS
ZR FREEZING RAIN
L DRIZZLE
ZL FREEZING DRIZZLE
S SNOW
SP SNOW PELLETS
IC ICE CRYSTALS
SN SNOW SHOWERS
SO SNOW GRAINS
IP ICE PELLETS
R HAIL
F FOG
IF ICE FOG
GF GROUND FOG
BD BLOWING DUST
BN BLOWING SAND
BS BLOWING SNOW
BY BLOWING SPRAY
K SHAKE
D DUST

WIND COLUMNS-
DIRECTIONS ARE THOSE FROM
WHICH THE WIND BLOWS. INDI-
CATED 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 INDI-
CATES CALM.

SPEED IS EXPRESSED IN KNOTS;
MULTIPLY BY 1.15 TO CONVERT
TO MILES PER HOUR.

ADDITIONAL DATA
OTHER OBSERVATIONAL DATA CONTAINED IN RECORDS ON FILE CAN BE FURNISHED AT COST VIA
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STATION: WILMINGTON DEL YEAR & MONTH: 75 03

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