

Local Climatological Data



MONTHLY SUMMARY

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

JANUARY 1981 WILMINGTON, DELAWARE

Main climatological data table with columns for DATE, TEMPERATURE (MAX, MIN, AVG, DEPARTURE, AVERAGE DEW POINT), DEGREE DAYS (HEATING, COOLING), WEATHER TYPES (1-9), SNOW/ICE (PELLETS, ON GROUND), PRECIPITATION (WATER, SNOW), WIND (RESULTANT DIR, SPEED, FASTEST MILE), SUNSHINE (MINUTES, PERCENT), SKY COVER (TENTHS), DATE.

* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE.
T TRACE AMOUNT
+ ALSO ON AN 1/4 MILE 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. 8 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

TOTAL PCPN IS NEW RECORD LOW FOR JANUARY.

SUMMARY BY HOURS

Summary by hours table with columns: HOUR, LOCAL TIME, STATION PRESSURE, AIR °F, WET BULB °F, DEW PT. °F, RELATIVE HUMIDITY %, WIND SPEED M.P.H., DIRECTION, RESULTANT WIND SPEED M.P.H.

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

Hourly precipitation table with columns: DATE, A. M. HOUR ENDING AT (1-12), P. M. HOUR ENDING AT (1-12), DATE.

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Daniel B. Mitchell
DIRECTOR, NATIONAL CLIMATIC CENTER

OBSERVATIONS AT 3-HOUR INTERVALS

HOUR	TEMPERATURE			WIND			VISIBILITY			WEATHER	TEMPERATURE			WIND			VISIBILITY			WEATHER	TEMPERATURE			WIND			VISIBILITY											
	AIR ° F	WET BULB ° F	DEW PT. ° F	REL. HUM. %	DIR	SPEED KNOTS	SKY COVER TENTHS	CEILING HDS. OF FT.	HOLE MILES		AIR ° F	WET BULB ° F	DEW PT. ° F	REL. HUM. %	DIR	SPEED KNOTS	SKY COVER TENTHS	CEILING HDS. OF FT.	HOLE MILES		AIR ° F	WET BULB ° F	DEW PT. ° F	REL. HUM. %	DIR	SPEED KNOTS	SKY COVER TENTHS	CEILING HDS. OF FT.	HOLE MILES									
01	10	31	8							DAY 01	26	22	10	50	08	6	10	1	1	1	DAY 02	28	28	26	92	21	5	0	UNL	15		DAY 03	19	16	07	59	26	4
04	10	28	3								24	22	16	71	10	6	10	4	2	8		29	29	27	92	25	12	10	95	15		18	16	09	68	21	4	
07	10	26	3								25	24	20	81	06	7	10	4	1	8		30	29	27	89	27	10	10	95	15		21	19	12	68	19	11	
10	10	24	1								26	24	19	74	06	7	0	UNL	10			35	31	23	62	29	16	10	75	8		25	22	15	66	20	9	
13	10	22	1								27	26	23	85	04	7	0	UNL	10			34	29	19	54	30	21	10	85	8		32	28	21	64	20	9	
16	10	20	1								28	28	25	85	06	7	0	UNL	10			32	26	12	43	28	17	10	70	10		34	30	24	67	21	6	
19	10	19	3								29	28	26	89	01	4	0	UNL	10			25	21	08	43	30	12	10	55	12		31	28	23	72	32	14	
22	10	18	3								29	29	27	92	00	0	0	UNL	10			19	16	07	59	30	12	2	UNL	15		24	22	17	75	32	14	

NOTES
CEILING
UNL INDICATES UNLIMITED

WEATHER
* TORNADO
T THUNDERSTORM
Q SQUALL
R RAIN
RH RAIN SHOWERS
ZR FREEZING RAIN
L DRIZZLE
ZL FREEZING DRIZZLE
S SNOW
SP SNOW PELLETS
IC ICE CRYSTALS
SN SNOW SHOWERS
SG SNOW GRAINS
IP ICE PELLETS
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

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
WILMINGTON DEL
YEAR & MONTH
81 01

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