

# Local Climatological Data



## MONTHLY SUMMARY

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

JUN 1981 WILMINGTON, DELAWARE

Main monthly data table with columns for Date (1-30), Temperature (Max, Min, Avg, etc.), Degree Days (7A, 7B), Weather Types (1-9), Snow/Ice/Precipitation, Wind (Resultant Dir, Speed, etc.), Sunshine (Minutes, % of Possible), and Sky Cover (Tenths, Sunrise, etc.).

\* 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. OO = CALM.  
DATA IN COLS. 6 AND 12-15 ARE BASED ON 7 DR

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

Summary by hours table with columns for Hour, Local Time, Sky Cover, Station Pressure, Temperature (Air, Wet Bulb, Dew Pt), Relative Humidity, Wind Speed, and Resultant Wind Speed.

### HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

Hourly precipitation table with columns for Date (1-30) and hours (1-12) for both AM and PM, showing precipitation amounts in inches.

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NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL DATA AND INFORMATION SERVICE

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OBSERVATIONS AT 3-HOUR INTERVALS

HOUR	SKY COVER	CEILING	WIND DIR.	WIND S.P.	WEATHER	TEMPERATURE					WIND DIR.	WIND S.P.	WEATHER	TEMPERATURE					WIND DIR.	WIND S.P.	WEATHER	TEMPERATURE										
						AIR * F	WET BULB * F	DEW PT. * F	REL. HUM. %	DIR.				SPEED KNOTS	AIR * F	WET BULB * F	DEW PT. * F	REL. HUM. %				DIR.	SPEED KNOTS	AIR * F	WET BULB * F	DEW PT. * F	REL. HUM. %	DIR.	SPEED KNOTS			
01	0	UNL	15			58	52	47	67	34	6					64	60	57	78	04	5						61	59	57	87	08	7
04	0	UNL	20			54	50	46	75	36	4					61	58	56	84	06	6						62	60	58	87	10	7
07	8	UNL	15			64	53	43	47	01	13					62	59	57	84	07	10					64	62	60	87	14	6	
10	10	250	15			59	55	43	39	05	10					63	60	59	84	06	11					65	63	62	90	16	7	
13	10	250	15			73	58	46	38	08	8					63	61	59	87	08	9					65	63	62	87	18	6	
16	10	90	15			71	59	49	46	17	8					61	59	58	90	09	9					71	67	65	81	12	3	
19	10	55	15			67	59	53	61	25	8					60	59	58	90	09	9					68	67	65	93	12	4	
22	10	39	15		R	63	59	56	78	21	7					61	59	58	93	06	9					68	67	65	81	12	3	

NOTES  
 CEILING  
 UNL INDICATES UNLIMITED

WEATHER  
 \* TORNADO  
 T THUNDERSTORM  
 O SQUALL  
 R RAIN  
 RM RAIN SHOWERS  
 ZR FREEZING RAIN  
 ZL DRIZZLE  
 ZLZ FREEZING DRIZZLE  
 S SNOW  
 SP SNOW PELLETS  
 IC ICE CRYSTALS  
 SW SNOW SHOWERS  
 SG SNOW GRAINS  
 IP ICE PELLETS  
 A HAIL  
 F FOG  
 IF ICE FOG  
 GF GROUND FOG  
 BD BLOWING DUST  
 BW 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 TENS 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 06

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