

Local Climatological Data



MONTHLY SUMMARY

LATITUDE 38° 40' N LONGITUDE 75° 38' W ELEVATION (GROUND) 74 FT. STANDARD TIME USED: EASTERN WBAN #13781

DATE	TEMPERATURE °F			DEGREE DAYS BASE 65°	WEATHER TYPES ON DATES OF OCCURRENCE	SNOW, ICE PELLETS OR ICE ON GROUND AT 07AM IN.	PRECIPITATION		AVG. STATION PRES- SURE IN. ELEV. FEET M.S.L.	WIND			SUNSHINE MINUTES PERCENT OF POSSIBLE	SKY COVER TENTHS		DATE
	MAXIMUM	MINIMUM	AVERAGE				WATER EQUIVA- LENT IN.	SNOW, ICE PELLETS IN. FEET M.S.L.		RESULTANT DIR.	RESULTANT SPEED M.P.H.	FASTEST MILE DIRECTION		SUNRISE TO MIDNIGHT	MIDNIGHT TO MIDNIGHT	
1	35	21	28	-9	19	37	0							10	8	1
2	29	13	21	-16	9	44	0							5	5	2
3	29	22	26	-11	19	39	0	1	6	3				10	10	3
4	31	16	24	-14	11	41	0	7	0	0				3	3	4
5	26	7*	17*	-21	5	48	0	6	0	0				1	0	5
6	33	12	23	-15	8	42	0	6	0	0				4	2	6
7	33	15	24	-15	11	41	0	0	0	0				8	7	7
8	30	24	27	-12	16	38	0	1	6	5				10	10	8
9	38	24	31	-8	23	34	0	1	8	5				10	10	9
10	40	33	37	-3	27	28	0	0	8	3				10	10	10
11	48	29	39	-1	23	26	0	2	0	0				10	9	11
12	54	34	44	4	31	21	0	0	8	1				9	8	12
13	48	33	41	1	29	24	0	0	8	1				6	6	13
14	58	35	47	6	42	18	0	1	8	0				9	7	14
15	51	33	42	1	32	23	0	0	0	0				5	3	15
16	37	30	34	-8	29	31	0	23	4	8				10	9	16
17	39	25	32	-10	22	33	0	1	0	1				4	4	17
18	38	24	31	-11	17	34	0	0	0	0				1	2	18
19	62	33	48	5	24	17	0	0	0	0				3	5	19
20	48	32	41	-2	24	24	0	0	0	0				4	4	20
21	70*	39	55	12	40	10	0	1	8	0				9	10	21
22	57	40	48	5	32	16	0	0	0	0				7	7	22
23	67	42	55*	11	35	10	0	0	0	0				1	2	23
24	53	38	46	2	28	19	0	0	0	0				9	9	24
25	38	33	36	-8	15	28	0	0	0	0				10	10	25
26	48	34	41	-4	38	24	0	1	2	0				10	10	26
27	54	41	48	3	44	17	0	0	0	0				10	8	27
28	57	40	48	3	33	16	0	0	0	0				7	4	28
29	62	38	50	4	30	15	0	0	0	0				7	5	29
30	50	30	40	-6	21	25	0	0	0	0				1	1	30
31	59	34	47	0	29	18	0	0	0	0				7	6	31

MARCH 1978
 WILMINGTON, DELAWARE

SUM	SUM	TOTAL		TOTAL		TOTAL			TOTAL			TOTAL		TOTAL		TOTAL	
1424	904	942		0		5.59			9.8			28.97		32		4.2	
AVG.		AVG.		AVG.		PRECIPITATION		PRECIPITATION		DATE		DATE		DATE		DATE	
45.9	29.2	37.6	-4.0	25	11.7	0	>.01 INCH	12	1.85								

* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE.
 † 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

HOUR	TEMP.	WIND	AVERAGES				RESULTANT WIND		
			TEMP.	WIND	DIR.	WIND	DIR.		
01	6	29.98	34	30	24	67	8.5	33	3.4
04	6	29.96	33	30	23	66	8.9	33	3.8
07	6	29.99	32	29	23	70	9.3	33	2.5
10	6	30.01	38	34	25	60	12.9	33	9.8
13	7	29.97	43	37	26	54	13.1	31	6.6
16	7	29.94	44	37	27	52	13.7	30	6.0
19	7	29.95	40	34	25	59	10.0	30	3.2
22	5	29.98	35	32	25	54	9.1	32	3.5

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

HOUR	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
1																								
2																								
3						.02	.04	.01	.03	.04	.07													
4																								
5																								
6																								
7																								
8																								
9	.01	.01	T										T	T	.01	.02	.03	.02	.02	T	T	.02	.01	
10													T	T										
11																								
12																								
13													.03	.02	.35	.08								
14																								
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22	.02	T																						
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24																								
25																								
26	.01	T	.03	.14	.05	.05	.16	.06	.04	.17	.21		T	T	.14	.03	.08	.03	.48	.48	.07	.01	.07	.04
27	.01	.01	.19	.19	.27	.10	.05	.07	.04	.02			.22	.14	.03	.08	.03	.48	.48	.07	.01	.07	.02	.06
28																								
29																								
30																								
31																								

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OBSERVATIONS AT 3-HOUR INTERVALS

Table with columns: HOUR, SKY COVER TENTHS, CEILING HDS. OF FT., WHOLE MILES, VISI-BILITY, TEMPERATURE (AIR, NET, DEB, REL. HUM., DIR, WIND SPEED, WIND DIR), VISI-BILITY (MILES, DIR), TEMPERATURE (AIR, NET, DEB, REL. HUM., DIR, WIND SPEED, WIND DIR), SKY COVER TENTHS, CEILING HDS. OF FT., WHOLE MILES, VISI-BILITY, TEMPERATURE (AIR, NET, DEB, REL. HUM., DIR, WIND SPEED, WIND DIR), VISI-BILITY (MILES, DIR), SKY COVER TENTHS, CEILING HDS. OF FT., WHOLE MILES, VISI-BILITY, TEMPERATURE (AIR, NET, DEB, REL. HUM., DIR, WIND SPEED, WIND DIR), VISI-BILITY (MILES, DIR), SKY COVER TENTHS, CEILING HDS. OF FT., WHOLE MILES, VISI-BILITY, TEMPERATURE (AIR, NET, DEB, REL. HUM., DIR, WIND SPEED, WIND DIR), VISI-BILITY (MILES, DIR), SKY COVER TENTHS, CEILING HDS. OF FT., WHOLE MILES, VISI-BILITY, TEMPERATURE (AIR, NET, DEB, REL. HUM., DIR, WIND SPEED, WIND DIR), VISI-BILITY (MILES, DIR). Rows represent hourly observations from Day 01 to Day 31.

NOTES
CEILING
UNL INDICATES UNLIMITED

WEATHER
* TORNAADO
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
SM SNOW SHOWERS
SC SNOW DRAINS
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 YEAR & MONTH
WILMINGTON DEL 79 03

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