

MARCH 1980
 WILMINGTON, DELAWARE
 NATIONAL WEATHER SERVICE OFC
 GREATER WILMINGTON AIRPORT

Local Climatological Data



MONTHLY SUMMARY

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

DATE	TEMPERATURE °F			DEGREE DAYS BASE 65°		WEATHER TYPES ON DATES OF OCCURRENCE 1 FOG 2 HEAVY FOG 3 THUNDERSTORM 4 ICE PELLETS 5 HAIL 6 GLAZE 7 DUSTSTORM 8 SMOG, HAZE 9 BLOWING SNOW	SNOW, ICE PELLETS OR ICE ON GROUND AT 07 AM	PRECIPITATION EQUIVALENT IN IN.	AVG. STATION PRESSURE IN. ELEV. FEET M.S.L.	WIND			SUNSHINE		SKY COVER TENTHS		DATE	
	MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	AVERAGE DEW POINT					HEATING (SEASON BEGINS WITH JUNE)	COOLING (SEASON BEGINS WITH JAN.)	RESULTANT DIR.	RESULTANT SPEED M.P.H.	AVERAGE SPEED M.P.H.	FASTEST MILE M.P.H.	MINUTES		PERCENT OF POSSIBLE
1	22	6*	14*	-23	5	51	0	0	30.33	12	7	21	34	9	7	1		
2	26	10	18	-19	1	47	0	0	30.04	36	17	20	01	8	9	2		
3	37	11	24	-13	4	41	0	0	29.98	33	13	14	25	2	3	3		
4	51	17	34	-4	13	31	0	0	29.97	24	7.2	8.1	16	26	6	4		
5	53	36	45	7	34	20	1	8	29.78	21	10.9	11.9	22	21	10	10		
6	48	30	39	1	19	26	0	0	30.09	32	9.4	13.2	21	34	3	4		
7	53	30	42	3	30	23	0	8	30.07	19	6.2	7.8	10	17	10	6		
8	66*	45	56*	17	47	9	0	23	29.65	21	11.5	12.5	25	32	10	10		
9	51	32	42	3	27	23	0	2	29.74	31	9.9	10.2	18	31	2	3		
10	57	28	43	3	32	22	0	13	29.73	16	6.8	7.9	18	31	10	10		
11	46	29	38	-2	18	27	0	1	29.65	30	15.4	15.8	30	31	2	3		
12	37	22	30	-10	5	35	0	0	30.09	32	12.9	14.0	22	30	6	6		
13	36	26	31	-9	18	34	0	1	29.95	06	18.8	19.3	29	05	10	10		
14	41	33	37	-4	26	26	0	4	29.63	29	15.9	18.6	25	30	10	8		
15	48	31	40	-1	15	25	0	0	30.15	29	14.2	15.1	24	30	2	3		
16	47	29	38	-4	15	27	0	0	30.35	11	3.9	8.9	15	15	2	3		
17	61	38	50	8	41	15	0	1	29.99	17	9.1	12.1	22	18	10	17		
18	60	34	47	5	30	18	0	1	29.88	30	14.7	20.1	39	32	4	5		
19	56	30	43	0	24	22	0	0	30.26	24	4.2	8.6	15	15	5	5		
20	59	35	47	4	35	18	0	0	30.04	15	6.3	7.2	12	16	10	20		
21	61	36	49	6	45	16	0	13	29.34	20	4.6	19.1	32	15	10	21		
22	42	33	38	-6	26	27	0	0	29.61	32	21.0	21.4	32	32	10	9		
23	56	33	45	1	25	20	0	0	30.00	32	10.2	10.8	16	33	1	1		
24	49	35	42	-2	32	23	0	1	29.86	14	5.0	7.9	15	16	10	9		
25	47	39	43	-2	36	22	0	1	29.71	36	8.9	10.4	13	34	10	25		
26	49	31	40	-5	26	25	0	0	30.05	33	10.6	11.5	18	31	7	6		
27	57	33	45	0	28	20	0	0	30.22	02	3.0	10.2	20	17	1	2		
28	51	35	43	-3	32	22	0	1	30.25	15	7.0	7.6	14	17	10	9		
29	53	43	48	2	44	17	0	1	29.90	09	7.6	10.1	14	05	10	29		
30	61	48	55	9	44	10	0	1	29.79	14	3.7	9.4	17	09	10	30		
31	48	34	41	-6	35	24	0	1	29.69	05	12.5	14.5	21	06	10	31		
SUM	1529	952	1114	-1.6	4426	768	0	16	6.22	5.1	29.93	31	3.7	12.6	39	32	215	210
AVG	49.3	30.7	40.0	-1.6	141.5	24.8	0	0.5	2.48	0.16	29.96	3.1	3.9	12.6	18	18	6.8	6.8

MARCH 1980 WILMINGTON, DELAWARE

SUMMARY BY HOURS

* 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 CDS. 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

HOUR	SKY COVER TENTHS	STATION PRESSURE IN.	TEMPERATURE			RELATIVE HUMIDITY %	WIND SPEED M.P.H.	DIRECTION	SPEED M.P.H.
			AIR °F	WET BULB °F	DEW PT. °F				
01	6	29.92	37	33	25	64	10.9	33	4.2
04	6	29.91	36	32	25	66	10.7	33	4.0
07	6	29.95	35	31	24	65	11.7	33	5.4
10	6	29.97	41	35	26	57	14.8	32	6.5
13	7	29.93	46	39	27	50	15.7	29	4.3
16	7	29.90	47	39	26	48	14.1	33	3.6
19	7	29.91	42	36	27	58	11.6	25	1.2
22	7	29.92	39	35	27	63	11.0	30	2.7

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

DATE	A. M. HOUR ENDING AT												P. M. HOUR ENDING AT												DATE					
	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	.03	.01	.02	.01	T	T	T	T																						
3																														
4																														
5																														
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9																														
10																														
11																														
12																														
13																														
14	.03	.01	T	T	.01	T	T	T	T	.03	.04	.01	.02	.05	.06	.07	.11	.20	.24	.28	.11	.04	.04	.04						
15																														
16																														
17																														
18	.02	.04	.02	T	T	T	.04	.02				.02	.03	.02	.03	.01	.01	T	T	T		.01	T	T						
19																														
20																														
21		.01	.07	.03	.06	.04	.10	.08	.04	.09	.10	.07	T	T	.05	.11	T	T	T	T			T	T						
22	T																													
23																														
24	.06	.01	T	T	T	T	T	T	T	T	T	T			.01	.03	.05	.01	T	T		.01	.18	.21	.13					
25																														
26																														
27																														
28	.08	.10	.12	.10	.05	.02	.02	.04	.06	.08	.05	.04	.02	.02	.03	.01	T	T	T	T		.01	.05	.06	.06					
29																														
30																														
31	T	.04	.07	.03	.02	.07	.09	.08	.11	.09	.03	.01	.05	.01	.14	.04	.02	.08	.01	.02		.03	.04	.02	.01	.31				

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noaa NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL DATA AND INFORMATION SERVICE

Daniel B. Mitchell
 DIRECTOR, NATIONAL CLIMATIC CENTER

OBSERVATIONS AT 3-HOUR INTERVALS

HOUR	SKY COVER			VISIBILITY	TEMPERATURE				WIND		SKY COVER	TEMPERATURE			WIND		SKY COVER	TEMPERATURE			WIND												
	0-10	10-20	20-50		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	20		10	07	-11	37	34	18	10	2	1		14	13	09	80	01	15	10	250	15		13	10	-07	40	35	20			
04	0	UNL	20		07	05	-14	37	32	13	10	2	1		11	10	06	80	01	16	6	UNL	15		13	10	-05	44	34	14			
07	0	UNL	20		07	05	-12	41	34	13	10	75	10		10	09	-01	58	01	14	6	UNL	15		13	11	-01	53	35	10			
10	0	UNL	20		13	10	-09	36	30	10	4	4	UNL	20	14	11	00	53	36	16	6	UNL	20		21	17	05	50	34	16			
13	10	95	20		18	13	-08	31	23	6	8	8	UNL	20	18	11	-02	41	36	15	0	UNL	20		37	29	10	39	33	12			
16	10	70	15		21	16	-05	31	34	7	6	8	UNL	20	24	18	-02	32	36	14	0	UNL	20		31	24	08	30	32	15			
19	10	8	1	S	18	15	06	59	35	10	9	250	15		23	18	00	36	36	13	0	UNL	15		31	25	11	43	26	6			
22	10	10	1	S	17	16	12	81	01	12	9	80	15		17	18	-06	35	35	16	0	UNL	12		27	23	10	49	26	9			
DAY 03																						13		10		-07		40		35		20	
DAY 04																						25		21		09		50		27		9	
DAY 05																						37		32		23		57		13		4	
DAY 06																						45		38		32		60		32		17	
DAY 07																						33		29		22		64		19		8	
DAY 08																						48		45		37		68		17		7	
DAY 09																						44		42		40		86		00		0	
DAY 10																						33		29		20		59		29		4	
DAY 11																						45		43		40		83		00		0	
DAY 12																						31		24		06		35		30		18	
DAY 13																						32		24		03		29		07		9	
DAY 14																						35		33		30		82		03		13	
DAY 15																						34		28		16		48		28		14	
DAY 16																						31		26		15		51		31		7	
DAY 17																						39		35		29		67		06		6	
DAY 18																						60		56		53		78		21		18	
DAY 19																						34		29		18		52		28		7	
DAY 20																						37		33		25		62		20		6	
DAY 21																						53		49		45		74		11		6	
DAY 22																						38		33		26		62		30		17	
DAY 23																						37		32		24		59		31		10	
DAY 24																						38		34		29		70		21		4	
DAY 25																						44		42		40		86		04		9	
DAY 26																						37		33		25		62		31		10	
DAY 27																						38		33		25		60		34		7	
DAY 28																						39		37		33		79		12		5	
DAY 29																						44		42		39		83		12		9	
DAY 30																						51		48		45		80		30		4	
DAY 31																						47		43		38		71		08		10	

NOTES
CEILING
UNL INDICATES UNLIMITED

WEATHER
* 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
SW 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 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
80 03

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NATIONAL CLIMATIC CENTER
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