

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

GREATER WILMINGTON AIRPORT



LATITUDE 39°40' LONGITUDE 75°36' ELEVATION (GROUND) 74 FEET TIME ZONE EASTERN 13781

MAR 1984
WILMINGTON, DELAWARE

DATE	TEMPERATURE °F						DEGREE DAYS BASE 65°F		WEATHER TYPES 1 FOG 2 HEAVY FOG 3 THUNDERSTORM 4 ICE PELLETS 5 HAIL 6 GLAZE 7 DUSTSTORM 8 SMOKE, HAZE 9 BLOWING SNOW	SNOW ICE PELLETS OR ICE ON GROUND AT 0700 INCHES	PRECIPITATION		AVERAGE STATION PRESSURE IN INCHES ELEV. 80 FEET ABOVE M. S. L.	WIND (M. P. H.)				SUNSHINE		SKY COVER (TENTHS)			
	MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	AVERAGE DEW POINT	HEATING (SEASON BEGINS WITH JUL)	COOLING (SEASON BEGINS WITH JAN)	WATER EQUIVALENT (INCHES)			SNOW, ICE PELLETS (INCHES)	RESULTANT DIR.		RESULTANT SPEED	AVERAGE SPEED	FASTEST MILE		MINUTES	PERCENT OF TOTAL POSSIBLE	SUNRISE TO SUNSET	MOONRISE TO MIDNIGHT	DATE	
01	34	18	26	-11	11	39	0		0	0.00	0.0	29.780	28	15.2	15.5	22	29			5	3	01	
02	42	19	31	-6	13	34	0		0	0.00	0.0	29.920	28	9.6	11.1	20	29			4	2	02	
03	38	17	28	-9	13	37	0		0	0.00	0.0	30.110	30	9.5	10.4	17	30			2	1	03	
04	40	17	29	-9	12	36	0		0	0.00	0.0	30.260	31	5.2	6.8	12	30			3	4	04	
05	40	31	36	-2	33	29	0	2 4	T	0.59	0.3	29.940	14	4.6	6.3	14	13			10	10	05	
06	43	35	39	1	29	26	0	2	0	0.04	0.0	29.720	31	12.4	12.5	22	30			10	10	06	
07	43	25	34	-5	20	31	0		0	0.00	0.0	29.930	32	10.6	10.8	20	32			5	5	07	
08	32	17	25	-14	15	40	0	1	0	0.34	3.9	29.990	05	10.9	13.1	22	07			8	6	08	
09	22	9	16	-23	9	49	0	1	4	0.01	0.1	30.070	32	14.1	14.7	22	31			2	3	09	
10	27	2*	15*	-25	5	50	0		4	0.00	0.0	30.220	26	3.4	7.7	12	19			0	0	10	
11	42	19	31	-9	17	34	0	8	2	T	T	29.965	29	10.2	14.6	26	32			4	4	11	
12	27	13	20	-20	4	45	0		T	0.00	0.0	30.475	01	3.4	8.7	16	34			4	5	12	
13	37	23	30	-11	28	35	0	1 4 6	1	1.48	0.9	30.230	05	12.6	14.5	22	06			10	10	13	
14	45	32	39	-2	30	26	0		T	0.00	0.0	30.120	31	14.2	14.4	25	32			6	5	14	
15	54	25	40	-1	26	25	0		T	0.00	0.0	30.250	33	5.9	6.5	12	33			2	2	15	
16	56	32	44	2	32	21	0	8	T	0.00	0.0	30.020	25	1.7	9.7	21	31			10	8	16	
17	44	35	40	-2	27	25	0		0	0.00	0.0	30.125	35	12.9	13.8	20	36			10	9	17	
18	47	37	42	0	31	23	0		0	0.00	0.0	30.090	07	6.4	9.7	14	18			10	10	18	
19	53	37	45	2	36	20	0	1 8	0	0.02	0.0	29.950	30	6.7	7.4	15	30			9	7	19	
20	60	31	46	3	35	19	0	1	0	0.00	0.0	29.880	14	3.9	8.3	17	16			7	6	20	
21	61*	41	51*	7	41	14	0	1 3	0	0.51	0.0	29.500	13	8.2	15.0	25	16			8	8	21	
22	54	36	45	1	32	20	0		0	T	0.0	29.610	24	11.8	13.5	21	22			6	6	22	
23	45	30	38	-6	24	27	0		0	T	T	29.860	29	15.3	16.3	25	30			8	6	23	
24	52	24	38	-7	23	27	0		0	0.00	0.0	30.045	26	4.4	8.0	17	30			7	6	24	
25	44	37	41	-4	36	24	0	1 8	0	0.59	0.0	29.800	06	12.3	12.6	18	05			10	10	25	
26	55	35	45	0	25	20	0		0	T	0.0	29.720	01	10.3	11.5	17	34			3	4	26	
27	50	30	40	-6	26	25	0		0	0.10	0.0	29.820	10	3.0	7.5	10	06			10	8	27	
28	41	37	39	-7	36	26	0	1	0	0.98	0.0	29.490	06	19.9	20.1	32	06			10	10	28	
29	39	34	37	-9	32	28	0	1 4	0	0.74	T	28.940	02	17.8	27.8	43	06			10	10	29	
30	45	34	40	-7	28	25	0		0	0.00	0.0	29.580	32	15.4	15.8	25	31			10	9	30	
31	51	31	41	-6	26	24	0		0	0.00	0.0	29.870	32	10.4	11.2	20	01			8	6	31	
SUM	SUM					TOTAL	TOTAL			TOTAL	TOTAL		FOR THE MONTH:				TOTAL	%	SUM	SUM			
1363	843					904	0			5.40	5.2	29.910	33	5.0	12.1	43	06			FOR	211	193	
AVG.	AVG.					AVG.	DEP.			DEP.						DATE: 29	POSSIBLE			MONTH	AVG.	AVG.	
44.0	27.2			35.6	-6.2	24.3	185	0		1.53										6.8	6.2		
NUMBER OF DAYS						SEASON TO DATE		SNOW, ICE PELLETS		GREATEST IN 24 HOURS AND DATES				GREATEST DEPTH ON GROUND OF SNOW, ICE PELLETS OR ICE AND DATE									
						TOTAL	TOTAL																
MAXIMUM TEMP.						4806		THUNDERSTORMS		PRECIPITATION		SNOW, ICE PELLETS											
> 90°	< 32°	< 32°	< 0°			HEAVY FOG		2		1.48 13		4.0 08-09		4 10+									
0	4	20	0	334		0		CLEAR 6 PARTLY CLOUDY 9 CLOUDY 16															

* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE.
T TRACE AMOUNT.
+ ALSO ON EARLIER DATE(S).
HEAVY FOG: VISIBILITY 1/4 MILE OR LESS.
BLANK ENTRIES DENOTE MISSING OR UNREPORTED DATA.

DATA IN COLS 6 AND 12-15 ARE BASED ON 21 OR MORE OBSERVATIONS AT HOURLY INTERVALS. RESULTANT WIND IS THE VECTOR SUM OF WIND SPEEDS AND DIRECTIONS DIVIDED BY THE NUMBER OF OBSERVATIONS. ONE OF THREE WIND SPEEDS IS GIVEN UNDER FASTEST MILE: FASTEST MILE - HIGHEST RECORDED SPEED FOR WHICH A MILE OF WIND PASSES STATION (DIRECTION IN COMPASS POINTS). FASTEST OBSERVED ONE MINUTE WIND - HIGHEST ONE MINUTE SPEED (DIRECTION IN TENS OF DEGREES). PEAK GUST - HIGHEST INSTANTANEOUS WIND SPEED (A / APPEARS IN THE DIRECTION COLUMN). ERRORS WILL BE CORRECTED AND CHANGES IN SUMMARY DATA WILL BE ANNOTATED IN THE ANNUAL PUBLICATION.

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 DATA CENTER, ASHEVILLE, NORTH CAROLINA, 28801

L. Ray Hoyt

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NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NATIONAL ENVIRONMENTAL SATELLITE, DATA AND INFORMATION SERVICE

NATIONAL CLIMATIC DATA CENTER ASHEVILLE NORTH CAROLINA

ACTING DIRECTOR NATIONAL CLIMATIC DATA CENTER

OBSERVATIONS AT 3-HOUR INTERVALS

MAR 1984 13781
WILMINGTON, DELAWARE

HOUR L.S.T.	VIST-BILITY				TEMPERATURE				WIND				VIST-BILITY				TEMPERATURE				WIND											
	SKY COVER (TENTHS)		WHOLE MILES		AIR of		WET BULB of		DIRECTION		SPEED (KNOTS)		SKY COVER (TENTHS)		WHOLE MILES		AIR of		WET BULB of		DIRECTION		SPEED (KNOTS)									
	01-04	05-08	09-12	13-16	01-04	05-08	09-12	13-16	01-04	05-08	09-12	13-16	01-04	05-08	09-12	13-16	01-04	05-08	09-12	13-16	01-04	05-08	09-12	13-16								
MAR 1st																																
01	5	UNL	15		21	18	11	65	28	18		0	UNL	15		24	21	14	66	26	7		0	UNL	15		25	22	13	60	32	11
04	0	UNL	15		20	17	8	60	28	10		0	UNL	15		19	18	14	81	21	5		0	UNL	15		21	19	12	68	28	8
07	0	UNL	15		18	16	11	74	27	9		1	UNL	10		21	19	14	74	22	6		0	UNL	15		21	19	12	68	26	7
10	4	UNL	15		26	21	8	46	29	19		9	UNL	15		33	27	15	48	27	11		0	UNL	15		33	27	13	44	31	11
13	8	48	15		29	24	10	45	29	19		5	UNL	15		39	31	14	36	26	16		3	UNL	15		37	30	14	39	30	12
16	5	UNL	15		32	26	12	43	27	15		2	UNL	15		40	31	11	30	31	15		3	UNL	15		38	30	13	36	32	11
19	2	UNL	15		29	24	12	49	29	11		0	UNL	15		31	25	12	45	31	10		0	UNL	15		30	25	14	51	32	6
22	0	UNL	15		26	22	14	60	28	10		0	UNL	15		28	23	12	51	29	10		0	UNL	15		26	23	15	63	30	4
MAR 2nd																																
MAR 3rd																																
MAR 4th																																
MAR 5th																																
MAR 6th																																
MAR 7th																																
MAR 8th																																
MAR 9th																																
MAR 10th																																
MAR 11th																																
MAR 12th																																
MAR 13th																																
MAR 14th																																
MAR 15th																																
MAR 16th																																
MAR 17th																																
MAR 18th																																

WEATHER CODES

- | | | | |
|---|--|---|---|
| <ul style="list-style-type: none"> * TORNADO T THUNDERSTORM Q SQUALL R RAIN RW RAIN SHOWERS ZR FREEZING RAIN L DRIZZLE | <ul style="list-style-type: none"> ZL FREEZING DRIZZLE S SNOW SW SNOW SHOWERS SG SNOW GRAINS SP SNOW PELLETS IC ICE CRYSTALS IP ICE PELLETS | <ul style="list-style-type: none"> IPW ICE PELLET SHOWERS A HAIL F FOG IF ICE FOG GF GROUND FOG BD BLOWING DUST | <ul style="list-style-type: none"> BN BLOWING SAND BS BLOWING SNOW BY BLOWING SPRAY K SMOKE H HAZE D DUST |
|---|--|---|---|

CEILING: UNL INDICATES UNLIMITED
WIND DIRECTION: 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. AN ENTRY OF 00 INDICATES CALM
SPEED: THE OBSERVED AVERAGE ONE-MINUTE VALUE, EXPRESSED IN KNOTS (MPH=KNOTS X 1.15).

OBSERVATIONS AT 3-HOUR INTERVALS

MAR 1984 13781
WILMINGTON, DELAWARE

HOUR L.S.T.	VISI-BILITY				TEMPERATURE				WIND		SKY COVER (TENTHS)	VISI-BILITY				WEATHER	TEMPERATURE				WIND									
	CEILING IN HUNDREDS OF FEET	WHOLE MILES	16THS MILE		AIR OF	WET BULB OF	DEW POINT OF	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)		CEILING IN HUNDREDS OF FEET	WHOLE MILES	16THS MILE			AIR OF	WET BULB OF	DEW POINT OF	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)								
MAR 19th																														
01	10	23	8		38	37	35	89	28	3	0	UNL	10		36	34	31	82	02	7	10	5	6	F	41	40	39	93	09	13
04	10	26	4		38	36	34	86	00	0	0	UNL	7		33	32	29	85	34	5	10	4	5	F	41	40	39	93	09	17
07	10	10	3	F	38	37	36	93	26	4	8	UNL	8		32	31	29	89	31	5	10	3	3	LF	42	41	40	93	08	14
10	10	9	3	FH	41	40	38	89	28	6	8	UNL	8		49	43	35	59	05	7	10	8	4	LF	45	44	43	93	08	19
13	10	25	6	H	50	44	37	61	32	5	8	UNL	10		53	46	37	55	15	6	10	11	7	H	55	53	52	90	16	17
16	8	32	6		52	46	39	61	29	11	4	UNL	10		57	49	40	53	18	8	3	UNL	10		58	50	41	53	21	18
19	3	UNL	7		45	41	36	71	30	9	8	UNL	10		43	41	39	86	18	14	3	UNL	15		47	42	36	66	28	9
22	0	UNL	10		40	38	35	82	29	7	10	11	7		43	41	38	83	12	11	3	UNL	15		43	40	36	76	12	6
MAR 20th																														
MAR 21st																														
MAR 22nd																														
MAR 23rd																														
MAR 24th																														
MAR 25th																														
MAR 26th																														
MAR 27th																														
MAR 28th																														
MAR 29th																														
MAR 30th																														
MAR 31st																														

SUMMARY BY HOURS

HOUR L.S.T.	AVERAGES							RESULTANT WIND	
	SKY COVER (TENTHS)	STATION PRESSURE (INCHES)	TEMPERATURE			REL HUMIDITY %	WIND SPEED (MPH)	DIRECTION	SPEED (MPH)
			AIR TEMP OF	WET BULB OF	DEW POINT OF				
01	6	29.920	32	30	24	73	10.6	34	4.2
04	6	29.900	30	28	24	77	10.9	35	4.2
07	6	29.920	30	28	23	76	11.1	36	5.0
10	6	29.940	37	32	24	61	14.1	35	6.4
13	7	29.900	41	35	24	55	14.8	31	6.1
16	7	29.870	42	35	25	54	14.7	32	6.5
19	6	29.910	37	32	24	62	11.0	33	5.2
22	5	29.930	35	31	25	69	10.5	34	4.2

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

MAR 1984 13781
WILMINGTON, DELAWARE

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	
01																								01	
02																								02	
03																								03	
04																								04	
05				T	0.01	0.02	0.02	0.02	0.03	0.03	0.04	0.05	0.07	0.07	0.08	0.07	0.03	0.01	T	0.01	T	T	0.01	0.02	05
06	0.01	0.03	T																					06	
07																								07	
08																								08	
09	0.01	T	T	T	T	T																		09	
10																								10	
11			T	T	T																			11	
12																								12	
13				0.02	0.04	0.02	0.02	0.02	0.05	0.06	0.07	0.11	0.11	0.16	0.12	0.11	0.10	0.09	0.03	0.10	0.12	0.08	0.05	T	13
14																									14
15																									15
16																									16
17																									17
18																									18
19							T	T	0.01	0.01															19
20																									20
21					T	T	T	T	0.25	0.17	0.04	T	0.05		T										21
22														T	T										22
23																									23
24																									24
25							0.01	0.04	0.04	0.09	0.03	0.04	0.06	0.11	0.07	0.03	T	0.02	0.02	T	0.01	T	0.01	0.01	25
26			T	T	T																				26
27																									27
28	0.04	T	T	T	0.03	0.04	0.05	0.03	0.04	0.08	0.09	0.06	0.08	0.10	0.09	0.09	0.06	0.06	T	0.04	0.03	0.02	T	0.01	28
29	0.01	0.10	0.06	0.01	0.08	0.28	0.08	0.01	T			0.01	0.02	0.02	0.01	0.02	0.02	0.01	T	T	0.01	0.01	T	0.01	29
30																									30
31																									31

MAXIMUM SHORT DURATION PRECIPITATION

TIME PERIOD (MINUTES)	5	10	15	20	30	45	60	80	100	120	150	180
PRECIPITATION (INCHES)	0.12	0.16	0.20	0.24	0.33	0.37	0.38	0.41	0.43	0.44	0.46	0.46
ENDED: DATE	21	21	21	21	21	21	21	21	21	21	21	21
ENDED: TIME	0858	0859	0859	0900	0908	0921	0936	0958	1014	1028	1017	1017

THE PRECIPITATION AMOUNTS FOR THE INDICATED TIME INTERVALS MAY OCCUR AT ANY TIME DURING THE MONTH. THE TIME INDICATED IS THE ENDING TIME OF THE INTERVAL. DATE AND TIME ARE NOT ENTERED FOR TRACE AMOUNTS.

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