



# LOCAL CLIMATOLOGICAL DATA

## Monthly Summary

GREATER WILMINGTON AIRPORT

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

MAR 1992  
WILMINGTON, DE

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 WATER EQUIVALENT (INCHES)	SNOW, ICE PELLETS (INCHES)	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)						RESULTANT DIR.	RESULTANT SPEED	AVERAGE SPEED	PEAK GUST	DIRECTION	FASTEST 1-MIN	DIRECTION	MINUTES	PERCENT OF TOTAL POSSIBLE	SUNRISE TO SUNSET	MIDNIGHT TO MIDNIGHT	
01	56	22	39	2	19	26	0		0	0.00	0	29.980	22	11.6	12.2	31	SW	21	22			0	0	
02	55	35	45	8	33	20	0	1	0	0.00	0	30.070	08	7.6	8.7	23	E	15	10			5	5	
03	46	37	42	5	35	23	0	1	0	0.00	0	30.120	05	6.8	9.2	17	N	15	01			10	9	
04	49	35	42	4	34	23	0	1	8	0.00	0	30.250	15	3.2	3.8	13	SE	8	14			6	6	
05	51	35	43	5	39	22	0	1	8	0.00	0	30.210	26	3.8	4.5	14	SW	10	24			9	7	
06	50	41	46	8	42	19	0	2	8	0.05	0	30.220	08	8.6	9.1	25	E	16	10			10	10	
07	58	43	51	12	49	14	0	1	2	0.61	0	29.860	11	4.0	8.6	26	S	17	20			10	10	
08	65	50	58*	19	49	7	0	2	8	0	T	29.740	31	7.5	7.8	22	NW	17	33			8	8	
09	66*	48	57	18	45	8	0	0	0	0.00	0	29.930	18	1.9	6.9	16	S	10	16			4	6	
10	62	46	54	14	50	11	0	1	0	0.81	0	29.640	14	8.7	9.4	30	S	16	15			10	9	
11	57	26	42	-2	28	23	0	1	0	0.26	T	29.330	27	13.3	20.6	44	W	29	29			9	8	
12	43	26	35	-5	13	30	0	0	0	0.00	0	29.640	26	14.7	15.4	35	W	21	28			1	1	
13	38	23	31	-10	7	34	0	0	0	0.00	0	29.780	30	13.9	14.2	29	W	21	32			0	1	
14	40	24	32	-9	13	33	0	0	0	0.00	0	29.810	27	9.9	10.8	28	NW	20	24			4	4	
15	36	25	31	-10	11	34	0	0	0	0.00	0	29.880	32	12.1	12.6	33	NW	21	32			2	3	
16	35	19*	27*	-15	8	38	0	0	0	T	T	30.090	31	10.0	11.9	30	NW	18	31			1	2	
17	55	25	40	-2	25	25	0	0	0	T	0	29.900	25	6.6	9.9	29	NW	26	33			9	7	
18	47	31	39	-3	24	26	0	1	4	0.33	T	30.050	04	3.6	8.4	18	E	14	08			10	8	
19	37	32	35	-8	32	30	0	1	0	0.52	T	29.635	03	11.1	12.7	28	NE	20	03			10	10	
20	43	29	36	-7	24	29	0	1	0	0.00	0	29.810	32	8.1	8.4	22	NW	16	32			10	8	
21	42	27	35	-9	17	30	0	0	0	0.00	0	29.950	33	9.7	10.8	31	NW	21	31			6	4	
22	36	29	33	-11	22	32	0	1	0	0.29	0.5	29.780	13	5.9	9.2	28	SE	18	15			10	9	
23	39	28	34	-10	20	31	0	1	0	0.00	0	29.790	32	12.8	13.4	26	N	21	31			5	5	
24	47	25	36	-9	17	29	0	0	0	0.00	0	30.160	29	7.3	8.3	26	NW	16	31			0	0	
25	56	28	42	-3	31	23	0	0	0	0.00	0	30.220	17	8.3	9.1	23	S	17	16			6	5	
26	53	44	49	4	47	16	0	1	0	1.26	0	29.820	07	6.5	8.9	37	NE	26	04			10	10	
27	54	40	47	1	39	18	0	1	0	0.06	0	29.580	27	12.1	14.2	36	W	23	27			7	7	
28	50	36	43	-3	25	22	0	0	0	0.00	0	29.820	31	19.0	19.4	39	NW	30	29			5	7	
29	57	35	46	0	19	19	0	0	0	0.00	0	29.960	30	14.1	14.4	32	NW	21	30			6	6	
30	58	45	52	5	30	13	0	0	0	0.04	0	29.850	08	3.1	5.7	18	NE	14	04			10	10	
31	60	39	50	3	37	15	0	1	0	0.13	0	29.710	34	10.2	11.2	26	N	18	35			5	5	
SUM	SUM					TOTAL	TOTAL	NUMBER OF DAYS		TOTAL	TOTAL	FOR THE MONTH:								TOTAL	%	SUM	SUM	
1541	1028					723	0			4.36	0.5	29.890	31	3.9	10.6	44	W	30	29			FOR	199	190
AVG.	AVG.	AVG.	DEP.	AVG.	DEP.	DEP.	DEP.	PRECIPITATION		DEP.		DATE: 11								POSSIBLE		AVG.	AVG.	
49.7	33.2	41.5	-0.3	28.5		4	0	0.01 INCH.	11	0.49		DATE: 28										6.4	6.1	
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	≥ 1.0 INCH															
MAXIMUM TEMP.								4070	0	PRECIPITATION					SNOW, ICE PELLETS									
≥ 90°								≤ 32°	≤ 0°	DEP.					DEP.									
0								0	16	0	-402					0								
								CLEAR	6	PARTLY CLOUDY					11					CLOUDY				

\* 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. COLS 16 & 17: PEAK GUST - HIGHEST INSTANTANEOUS WIND SPEED. ONE OF TWO WIND SPEEDS IS GIVEN UNDER COLS 18 & 19: 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). ERRORS WILL BE CORRECTED IN SUBSEQUENT PUBLICATIONS.

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

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NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NATIONAL ENVIRONMENTAL SATELLITE, DATA AND INFORMATION SERVICE

NATIONAL CLIMATIC DATA CENTER ASHEVILLE NORTH CAROLINA

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OBSERVATIONS AT 3-HOUR INTERVALS

MAR 1992  
WILMINGTON, DE 13781

HOUR L.S.T.	VISIBILITY				TEMPERATURE				WIND		SKY COVER (TENTHS)	VISIBILITY				TEMPERATURE				WIND																																													
	SKY COVER (TENTHS)	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	WEATHER	AIR OF	WET BULB OF	DEW POINT OF	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)																																												
MAR 1st																						MAR 2nd																						MAR 3rd																					
01	0	UNL	15		25	20	8	48	21	5	0	UNL	20		43	37	27	53	00	0	10	8	5	F	39	38	36	89	06	8																																			
04	0	UNL	20		24	21	12	60	19	5	0	UNL	20		39	35	28	65	00	0	10	5	2	F	38	37	36	93	02	8																																			
07	0	UNL	20		25	22	16	69	21	8	10	85	10		43	38	30	60	06	8	10	3	3	F	37	36	35	93	01	11																																			
10	1	UNL	15		41	33	18	40	22	13	1	UNL	12		50	42	32	50	07	12	10	10	4	F	40	38	35	82	36	8																																			
13	0	UNL	15		48	37	19	32	24	16	0	UNL	15		54	46	36	51	09	8	10	20	10		45	41	35	68	09	8																																			
16	0	UNL	15		56	42	22	27	23	15	2	UNL	15		48	43	36	63	11	12	10	24	10		45	40	34	66	05	7																																			
19	0	UNL	20		51	40	24	35	21	12	10	13	10		43	40	37	80	09	10	10	24	7		41	38	34	76	11	8																																			
22	0	UNL	20		48	39	24	39	27	5	10	8	10		40	38	36	86	04	8	10	7	12		37	36	34	89	12	5																																			
MAR 4th																						MAR 5th																						MAR 6th																					
01	10	14	8		38	36	33	82	14	5	0	UNL	5		F	35	34	33	92	00	0	10	6	1	4	F	43	43	42	96	00	0																																	
04	10	11	8		37	35	33	86	00	0	0	11	2	8	F	37	36	35	93	00	0	10	1	0	4	F	46	46	45	96	00	0																																	
07	10	9	5		37	35	33	86	14	4	10	8	1	8	F	39	38	36	89	00	0	10	1	0	4	LF	47	47	46	96	10	3																																	
10	10	9	4		39	37	34	82	12	4	10	7	2		F	42	41	39	89	24	8	10	3	1	2	F	48	48	47	96	06	10																																	
13	10	16	5		42	38	33	71	00	0	10	9	2		F	46	43	40	80	23	9	10	23	6		50	45	40	69	08	10																																		
16	0	UNL	7		47	41	34	61	15	6	3	UNL	3		H	50	46	41	71	31	6	10	21	10		48	44	38	69	10	14																																		
19	3	UNL	8		41	39	35	79	14	7	3	UNL	4		F	46	44	41	83	21	6	10	15	7		44	42	40	86	10	10																																		
22	0	UNL	7		37	36	34	89	19	3	10	140	2		FH	44	44	43	96	25	4	10	15	10		44	42	39	83	07	10																																		
MAR 7th																						MAR 8th																						MAR 9th																					
01	10	6	8		43	42	41	93	06	11	10	5	1	8	LF	51	50	50	96	30	3	8	65	10		54	50	47	77	26	6																																		
04	10	2	1		43	43	43	100	04	10	10	0	0	1	F	51	51	51	100	00	0	10	85	10		51	50	48	90	26	5																																		
07	10	2	0		45	45	45	100	04	12	7	250	0	8	F	50	50	49	96	30	6	0	UNL	7		49	48	46	90	31	5																																		
10	10	2	1		49	49	48	96	10	9	7	36	8		F	57	54	51	81	31	10	2	UNL	12		61	53	46	58	31	8																																		
13	10	8	2		56	56	56	100	16	10	10	30	9		F	61	54	48	63	32	12	8	45	15		65	54	43	45	04	5																																		
16	10	15	5		58	57	56	93	22	6	6	90	9		F	63	55	48	58	31	12	8	55	15		63	53	43	48	15	6																																		
19	10	250	6		55	54	53	93	17	4	2	UNL	10		F	57	53	49	75	31	6	2	UNL	15		52	49	45	77	16	9																																		
22	10	15	3		52	51	50	93	00	0	8	65	10		F	54	50	47	77	30	5	10	UNL	10		49	47	45	86	15	6																																		
MAR 10th																						MAR 11th																						MAR 12th																					
01	7	UNL	5		47	46	45	93	00	0	10	7	5		RF	57	56	55	93	16	15	0	UNL	15		26	21	8	46	27	16																																		
04	4	UNL	2		46	46	45	96	10	5	10	6	7		F	56	55	55	97	15	14	3	UNL	15		27	22	9	47	27	12																																		
07	10	120	4		49	48	46	90	13	10	10	11	15		RF	50	49	48	93	28	13	0	UNL	15		28	23	12	51	24	13																																		
10	10	250	7		52	50	48	86	17	10	10	29	15		RF	34	30	24	67	28	25	2	UNL	15		33	27	12	42	25	15																																		
13	10	200	8		61	56	51	70	13	10	10	42	15		RF	33	27	16	50	30	25	0	UNL	15		40	31	11	30	26	16																																		
16	10	43	7		60	56	53	78	14	7	10	100	12		RF	30	26	17	58	28	22	3	UNL	15		43	34	18	37	26	17																																		
19	10	80	3		56	55	54	93	12	8	8	55	15		RF	28	25	20	72	25	10	0	UNL	15		37	30	17	44	29	11																																		
22	10	55	3		57	56	55	93	15	13	1	UNL	15		RF	28	23	9	45	28	15	0	UNL	15		33	28	17	52	28	12																																		
MAR 13th																						MAR 14th																						MAR 15th																					
01	0	UNL	15		30	25	12	47	31	10	8	UNL	15			28	22	6	39	31	12	10	110	15		30	26	17	58	31	6																																		
04	0	UNL	15		26	20	4	39	30	12	2	UNL	15			25	21	9	51	24	5	1	UNL	15		29	25	16	58	26	5																																		
07	0	UNL	15		23	19	6	48	31	9	0	UNL	15			25	22	13	60	25	5	1	UNL	15		28	24	15	58	32	6																																		
10	0	UNL	15		30	24	7	38	29	11	5	UNL	15			34	27	12	40	24	17	1	UNL	15		31	24	6	35	32	17																																		
13	0	UNL	15		35	27	8	32	30	12	4	UNL	15			40	31	13	33	26	15	3	UNL	15		35	27	8	32	31	17																																		
16	0	UNL	15		37	28	7	28	32	15	8	60	15			39	31	16	39	30	13	4	UNL	15		34	26	8	34	31	16																																		
19	4	UNL	15		32	25	6	33	31	14	3	UNL	15			36	30	17	46	27	6	1	UNL	15		29	24	10	45	31	6																																		
22	2	UNL	15		28	23	9	45	31	8	6	75	15			30	26	17	58	31	7	0	UNL	15		28	23	12	51	32	9																																		
MAR 16th																						MAR 17th																						MAR 18th																					
01	5	UNL	15		25	22	16	69	32	11	0	UNL	15			27	23	12	53	20	3	0	UNL	15		42	38	31	65	33	11																																		
04	8	48	15		23	19	9	55	31	16	0	UNL	15			27	23	15	61	22	9	4	UNL	15		34	31	25	70	34	8																																		
07	5	UNL	15		20	18	12	71	35	9	8	200	15			30	26	19	64	18	7	5	UNL	15		35	30	21	57	03	9																																		
10	1	UNL	15		26	20	3	37	32	15	10	80	15			38	33	23	55	22	7	10	UNL	15		42	34	18	38	04	8																																		
13	0	UNL	15		30	23	6	36	31	13	9	110	15			46	37	22	39	20	8	10	110	15		45	34	14	29	09	6																																		
16	0	UNL	15		34	26	8	34	30	14	3	UNL	15			55	43	28	36	20	10	10	55	12		42	34	20	41	22	8																																		
19	0	UNL	15		30	24	8	39	27	4	10	65	10			51	44	35	55	28	7	10	27	0	12	33	31	27	79	12	8																																		
22	0	UNL	15		29	23	8	41	21	4	10	UNL	15			49	43	36	61	33	23	10	6	5		33	32	31	92	06	3																																		

MAXIMUM SHORT DURATION PRECIPITATION

TIME PERIOD (MINUTES)	5	10	15	20	30	45	60	80	100	120	150	180
PRECIPITATION (INCHES)	0.13	0.15	0.16	0.17	0.23	0.29	0.35	0.41	0.46	0.49	0.52	0.66
ENDED: DATE	11	11	11	26	26	26	26	26	26	26	26	26
ENDED: TIME	0626	0631	0636	2040	2040	2054	2059	2103	2110	2125	2125	2057

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.

# OBSERVATIONS AT 3-HOUR INTERVALS

MAR 1992  
WILMINGTON, DE 13781

HOUR	L. S. T.	VISI-BILITY				WEATHER	TEMPERATURE				WIND			VISI-BILITY				WEATHER	TEMPERATURE				WIND										
		SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	WHOLE MILES	1/8THS MILE		AIR OF	WET BULB OF	DEW POINT OF	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)	SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	WHOLE MILES	1/8THS MILE	AIR OF		WET BULB OF	DEW POINT OF	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)	SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	WHOLE MILES	1/8THS MILE	AIR OF	WET BULB OF	DEW POINT OF	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)
MAR 19th																																	
01	10	6	4		RF	34	33	32	92	08	12	10	49	15			33	32	30	89	30	4	0	UNL	15			31	28	21	67	00	0
04	10	4	4		RF	34	33	32	92	06	9	10	48	8			33	32	30	89	31	5	10	80	10			31	28	23	72	36	6
07	10	4	5		RF	35	35	34	96	04	14	5	UNL	6	F		30	29	27	89	34	6	10	80	10			32	28	20	61	36	5
10	10	9	7		R	36	35	34	93	05	12	10	UNL	15			38	33	25	60	32	7	7	70	12			39	32	18	43	33	11
13	10	13	5		RF	35	34	33	92	04	11	10	UNL	15			42	35	25	51	31	12	6	55	15			40	33	19	43	31	15
16	10	15	1	8	SWF	33	32	30	89	02	13	10	220	15			41	34	22	47	31	12	3	UNL	15			40	31	12	32	34	16
19	10	UNL	10			33	32	29	85	36	12	10	220	15			36	31	22	57	31	8	0	UNL	15			33	27	12	42	33	9
22	10	48	15			33	31	28	82	35	8	3	UNL	15			31	27	20	64	31	6	0	UNL	20			30	25	12	47	01	4
MAR 20th																																	
MAR 21st																																	
MAR 22nd																																	
MAR 23rd																																	
MAR 24th																																	
MAR 25th																																	
MAR 26th																																	
MAR 27th																																	
MAR 28th																																	
MAR 29th																																	
MAR 30th																																	
MAR 31st																																	

## WEATHER CODES

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

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).

## 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	890	38	35	29	72	8.4	30	3.7
04	6	29	880	36	34	28	74	7.6	31	2.9
07	6	29	910	37	34	28	74	8.9	32	3.2
10	6	29	930	42	37	27	60	12.9	30	5.8
13	7	29	890	46	39	28	52	13.4	29	5.1
16	6	29	860	47	40	29	52	14.1	30	5.4
19	6	29	870	43	38	30	65	9.8	33	1.7
22	6	29	890	40	36	29	68	9.2	32	3.7

