

GREATER WILMINGTON AIRPORT

MONTHLY SUMMARY



MAY 1979

WILMINGTON, DELAWARE

DATE	TEMPERATURE °F					DEGREE DAYS BASE 65°		WEATHER TYPES ON DATES OF OCCURRENCE		SNOW- ICE PELLETS ON ICE ON GROUND AT 07AM		PRECIPITATION WATER EQUIVA- LENT IN		STATION PRES- SURE IN. ... ELEV. 80 FEET M.S.L.		WIND RESULTANT SPEED M.P.H. AVERAGE SPEED M.P.H.		FASTEST MILE DIRECTION		SUNSHINE MINUTES PERCENT OF POSSIBLE		SKY COVER TENTHS SUMMER TO SUNSET MIDNIGHT TO MIDNIGHT		DATE					
	MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	AVERAGE DEW POINT	HEATING (SEASON BEGINS WITH JULY)	COOLING (SEASON BEGINS WITH JAN.)	1 FOG 2 HEAVY FOG 3 THUNDERSTORM 4 ICE PELLETS 5 HAIL 6 OLDR 7 DUSTSTORM 8 SMOKE, HAZE 9 BLowing SNOW	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.						
																									18	19	20	21	22
1	66	45	56	-1	35	7A	7B	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24					
2	67	40*	54*	-1.4	35	11	0	0	0	0	0	0	0	10.1	10.5	21	34			1	2	1							
3	75	50	63	-1.4	35	2	0	0	0	0	0	0	0	10.1	10.5	21	34			5	3	2							
4	68	51	60	-1.1	52	5	0	1	0	0	0	0	0	10.1	10.5	21	34			10	8	3							
5	64	47	56	-1.1	35	9	0	0	0	0	0	0	0	10.1	10.5	21	34			10	4	9							
6	68	42	56	-1.1	40	9	0	0	0	0	0	0	0	10.1	10.5	21	34			6	6	9							
7	66	51	64	-1.1	48	1	0	0	0	0	0	0	0	10.1	10.5	21	34			1	7	8							
8	61	56	58	-1.1	58	0	0	0	0	0	0	0	0	10.1	10.5	21	34			1	1	9							
9	61	74	64	-1.1	63	0	0	0	0	0	0	0	0	10.1	10.5	21	34			9	1	9							
10	68*	64	76*	-1.1	63	0	11	1	0	0	0	0	0	10.1	10.5	21	34			10	1	10							
11	63	63	73	-1.2	63	0	8	1	0	0	0	0	0	10.1	10.5	21	34			7	8	11							
12	67	61	64	-1.3	60	1	0	2	0	0	0	0	0	10.1	10.5	21	34			10	10	12							
13	74	64	69	-1.6	64	0	4	1	0	0	0	0	0	10.1	10.5	21	34			10	10	13							
14	66	55	61	-1.5	57	4	0	1	0	0	0	0	0	10.1	10.5	21	34			10	10	14							
15	74	52	63	-1.4	47	2	0	0	0	0	0	0	0	10.1	10.5	21	34			9	9	15							
16	72	53	63	-1.4	54	2	0	1	0	0	0	0	0	10.1	10.5	21	34			2	2	16							
17	73	45	58	-1.4	42	6	0	0	0	0	0	0	0	10.1	10.5	21	34			4	3	17							
18	65	51	58	-1.5	51	7	0	1	0	0	0	0	0	10.1	10.5	21	34			10	9	17							
19	68	57	63	-1.5	57	2	0	0	0	0	0	0	0	10.1	10.5	21	34			10	10	19							
20	72	57	65	-1.5	56	0	0	1	0	0	0	0	0	10.1	10.5	21	34			8	8	20							
21	67	57	62	-1.5	58	3	0	1	0	0	0	0	0	10.1	10.5	21	34			10	10	21							
22	73	61	67	-1.5	56	0	2	1	0	0	0	0	0	10.1	10.5	21	34			8	8	22							
23	79	60	70	-1.6	63	0	3	1	0	0	0	0	0	10.1	10.5	21	34			10	10	23							
24	78	64	71	-1.6	63	0	5	1	0	0	0	0	0	10.1	10.5	21	34			10	10	24							
25	77	57	67	-1.6	60	0	2	1	0	0	0	0	0	10.1	10.5	21	34			8	8	25							
26	65	51	58	-1.6	47	7	0	1	0	0	0	0	0	10.1	10.5	21	34			7	7	26							
27	74	50	62	-1.6	48	3	0	0	0	0	0	0	0	10.1	10.5	21	34			9	8	27							
28	73	51	62	-1.6	54	3	0	0	0	0	0	0	0	10.1	10.5	21	34			10	8	28							
29	75	48	62	-1.5	55	3	0	1	0	0	0	0	0	10.1	10.5	21	34			7	7	29							
30	78	58	68	-1	55	0	3	2	0	0	0	0	0	10.1	10.5	21	34			7	8	30							
31	75	60	68	-1	61	0	3	1	0	0	0	0	0	10.1	10.5	21	34			10	9	31							
SUM		SUM		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL					
2270		1682		89		57		NUMBER OF DAYS		3.10		0.20		2.92		1.3		6.7		21		20		2					
AVG.		AVG.		AVG.		AVG.		PRECIPITATION		DEP.		DEP.		DEP.		DEP.		DATE: 244		POSSIBLE		MONTH		AVG.					
73.2		54.3		63.8		1.4		93		-39		0		.01 INCH		15		-0.25						7.3					
7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0					
7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0					
7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0					
7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0					
7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0					
7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0					
7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0					
7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0					
7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0					
7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0					
7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0					
7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0					
7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0					
7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0					
7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0					
7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0					
7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0					
7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0					
7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0					
7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0					
7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0					
7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0					
7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0					
7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0					
7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0					
7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0					
7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0					
7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0					
7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0					
7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0					
7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0					
7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0					
7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0					
7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0					
7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0					
7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0					
7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0					
7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0					
7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0					
7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0					
7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0		7.0					
7.0		7.0		7.0		7.0																							

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.

	LOCAL TIME	SAT. COVER TENS	STATION PRESSURE IN.	AVERAGES						RESULTANT WIND	
				TEMPERATURE			RELATIVE HUMIDITY %	WIND SPEED M.P.H.	DIRECTION	SPEED M.P.H.	
				AIR °F	WET BULB °F	DEW POINT °F					
01	7	29.02	58	56	52	81	5.9	03	1.5		
04	6	29.01	57	54	51	83	5.8	01	1.5		
07	7	29.05	60	56	53	77	8.3	05	1.9		
10	7	29.05	67	59	54	74	11.1	20	1.4		
13	6	29.03	70	61	54	58	11.3	22	3.6		
16	8	29.00	71	61	53	57	11.7	20	4.5		
19	7	29.00	65	59	54	68	8.7	18	3.6		
22	6	29.03	61	57	53	76	7.7	22	3.6		

HRS	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	T	T																						
2																T	T	T			T	T	T	T
3																								
4														T		T	T		.02	.04	T	T	T	T
5	.02	T	T	T																				
6																								
7																								
8																								
9																								
10																								
11							.18	.13	T															
12							.01	T					T	T					T	T	.01	.01	T	
13				.38	.15	.03		T					.01	T		.08	.07	.01			.01	.05	.01	
14								T	.02	T	T	T	T											
15																								
16																								
17																								
18											T	.01						T	T	T	T			
19	T	T	T	T	.02	T	.01	T	T				.04	.08	.10	.01	.01	T	T	T	T	.02	T	T
20	T				T	T	T							T								T	T	
21																								
22																								
23					.02	.02	.06	.07	T	T														
24	.20	.04	T	T	.02	.01	.08															.01	.03	T
25	.08	.04	T		.03													.05	.01	.04	.06	.04	.03	.02
26																								
27																								
28																								
29																		.02	.01					
30	T	.01	T					T	T	.02													T	.07
31															T	.01	.01	T	T	T	T		T	.02

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 CENTER, ASHEVILLE, NORTH CAROLINA 28801.

Daniel B. Mitchell
DIRECTOR, NATIONAL CLIMATIC CENTER

OBSERVATIONS AT 3-HOUR INTERVALS

HOUR	TEMPERATURE				WIND	SPEED	DIRECTION	SKY COVER	CEILING	VISIBILITY	WEATHER	TEMPERATURE				WIND	SPEED	DIRECTION	SKY COVER	CEILING	VISIBILITY	WEATHER	TEMPERATURE				WIND	SPEED	DIRECTION					
	AIR °F	SEA °F	DEW °F	REL. HUM.								AIR °F	SEA °F	DEW °F	REL. HUM.								AIR °F	SEA °F	DEW °F	REL. HUM.								
DAY 01																																		
01	10	55	9		55	50	46	72	00	0		0	UNL	15		45	39	32	60	34	6		0	UNL	10		DAY 03	50	47	46	83	00	0	
04	0	UNL	12		52	46	39	61	34	7		0	UNL	15		43	39	30	60	01	6		0	UNL	8			50	47	44	80	00	0	
07	5	UNL	15		56	47	37	49	30	7		1	UNL	15		48	42	32	52	04	7		10	250	5			55	50	46	72	17	9	
10	0	UNL	15		62	48	32	32	30	15		8	UNL	15		58	46	32	37	20	4		10	120	8			66	58	52	61	18	12	
13	0	UNL	15		65	51	36	34	33	16		10	UNL	15		63	49	34	34	28	5		10	100	10			75	61	51	43	22	17	
16	0	UNL	12		64	46	31	29	30	14		5	UNL	12		66	51	35	32	23	9		10	100	8			70	59	51	51	18	13	
19	0	UNL	15		56	44	30	37	32	8		7	UNL	12		56	48	43	62	17	10		10	38	9			67	59	53	61	18	10	
22	0	UNL	15		51	42	30	45	30	6		0	UNL	12		53	48	45	74	15	7		10	38	10			65	58	53	65	23	10	
DAY 02																																		
01	7	34	8		62	58	55	78	25	4		10	75	7		51	49	48	80	30	5		0	UNL	15		DAY 06	46	42	36	68	30	4	
04	6	UNL	7		60	57	54	81	26	7		10	200	8		49	46	42	77	31	7		0	UNL	12			42	39	36	79	09	4	
07	8	UNL	6		64	60	57	78	32	10		7	UNL	12		50	43	35	57	33	12		0	UNL	10			52	47	41	66	05	4	
10	10	250	7		67	58	52	59	30	8		9	UNL	25		56	44	28	34	33	15		9	UNL	15			61	46	36	38	07	7	
13	13	36	7		68	57	48	64	33	8		10	12	30		61	47	30	31	32	10		8	UNL	12			66	53	41	40	13	5	
16	10	41	5		64	57	51	63	31	8		2	UNL	30		63	46	30	29	31	8		8	UNL	12			65	54	46	46	16	15	
19	10	26	4		58	54	50	75	36	9		4	UNL	20		57	45	30	36	26	6		8	70	15			60	51	42	52	16	12	
22	10	32	7		53	50	47	80	34	10		1	UNL	15		51	43	33	50	24	4		7	UNL	15			57	50	43	60	18	6	
DAY 03																																		
01	8	80	12		53	47	41	64	17	4		0	UNL	8		58	56	53	81	11	5		0	UNL	10		DAY 09	65	61	59	81	21	4	
04	3	UNL	12		52	47	42	69	17	6		0	UNL	8		57	54	51	80	14	6		0	UNL	8			63	61	58	87	00	0	
07	0	UNL	12		57	51	46	67	18	7		0	UNL	7		63	59	56	78	18	6		1	UNL	4			66	63	61	84	23	7	
10	0	UNL	15		66	57	50	71	14	10		0	UNL	9		74	66	61	84	23	8		0	UNL	10			77	69	64	84	17	8	
13	7	UNL	12		73	61	53	60	16	10		2	UNL	10		80	68	62	54	16	13		0	UNL	12			85	71	63	48	19	12	
16	3	UNL	12		74	62	54	50	17	14		3	UNL	10		78	66	59	52	17	12		0	UNL	12			85	69	59	41	20	14	
19	0	UNL	15		66	58	54	69	16	7		0	UNL	10		70	64	60	71	18	10		2	UNL	10			79	68	61	54	22	8	
22	0	UNL	12		63	56	51	65	18	6		0	UNL	10		67	63	60	78	21	7		2	UNL	10			72	66	62	71	21	12	
DAY 04																																		
01	8	UNL	8		67	63	61	81	21	5		9	250	10		69	65	63	81	19	4		10	3	1		DAY 12	62	60	58	90	08	9	
04	10	80	6		64	62	61	80	00	0		6	UNL	7		66	63	62	87	00	4		10	3	1			62	60	58	87	06	11	
07	10	220	4		67	64	62	84	20	4		6	UNL	3		71	67	65	81	27	0		10	3	1			62	60	58	87	05	12	
10	10	250	8		77	70	66	69	21	10		6	UNL	4		80	71	66	62	06	8		10	5	1			65	62	60	84	05	15	
13	10	250	10		85	72	65	51	24	8		9	100	6		80	71	67	65	18	12		10	6	4			66	62	60	81	05	10	
16	10	UNL	12		87	70	61	42	23	12		9	100	8		81	69	63	54	17	10		10	8	2			68	62	60	81	05	9	
19	7	250	12		80	68	62	54	26	5		10	23	6		76	67	62	62	08	10		10	2	0			65	63	62	90	00	0	
22	8	UNL	10		72	67	65	78	32	8		10	10	5		68	63	59	73	07	10		10	1	0			65	63	62	90	11	5	
DAY 05																																		
01	2	1	8		66	64	63	83	14	5		10	14	3		66	63	62	87	28	4		10	100	1		DAY 15	56	54	53	90	00	0	
04	10	2	1		66	64	63	80	17	6		10	35	4		62	60	58	87	31	10		10	8	1			54	52	51	90	32	5	
07	10	4	1		69	66	65	87	22	5		10	35	5		61	58	55	81	35	10		10	7	4			58	56	54	87	32	3	
10	10	36	4		74	69	67	78	24	8		10	12	4		61	58	56	84	31	6		8	UNL	12			67	61	57	70	33	4	
13	6	3	3		72	69	67	84	27	6		10	28	5		61	58	55	81	32	7		8	UNL	10			73	61	53	50	03	3	
16	10	80	5		69	66	64	84	00	0		10	10	7		62	58	56	81	36	6		8	250	8			74	62	53	48	17	10	
19	10	38	6		68	64	62	81	00	0		10	40	6		61	58	56	84	10	5		10	250	7			65	60	56	73	18	12	
22	8	30	4		66	64	63	80	26	5		10	100	6		60	57	55	84	00	0		10	38	6			59	56	54	84	34	8	
DAY 06																																		
01	10	85	7		59	56	54	84	28	6		0	UNL	10		54	46	36	51	01	9		4	UNL	10		DAY 18	54	50	47	77	30	4	
04	3	UNL	4		54	52	50	88	31	3		0	UNL	15		47	42	36	66	36	8		9	250	7			52	49	47	83	34	5	
07	0	UNL	6		60	55	51	72	34	8		0	UNL	15		55	48	40	57	35	10		10	250	10			57	51	45	64	02	10	
10	1	UNL	10		68	57	48	48	32	12		0	UNL	20		65	54	44	47	03	13		10	39	10			64	54	46	52	03	14	
13	2	UNL	12		70	57	46	42	32	12		5	UNL	20		68	55	42	38	24	8		10	14	4			69	56	53	61	04	12	
16	13	UNL	15		73	56	37	32	14	6		10	30	4		73	57	34	01	01	11	5		10	11	5			71	61	58	81	06	15
19	1	UNL	15		64	56	41	43	31	8		9	80	15		68	54	42	39	07	7		10	2	1			61	59	50	06	15		
22	0	UNL	15		56	48	39	53	14	7		5	UNL	12		58	53	48	72	32	4		10	2	1			60	58	57	80	05	17	
DAY 07																																		
01	10	3	1		58	57	56	93	05	13		10	3	3		57	56	54	90	05	6		6	5	3		DAY 21	58	57	56	93	00	0	
04	10	4	1		58	56	55	90	04	12		10	3	3		57	56	54	83	03	6		6	5	3			58	57	56	90	00	0	
07	10	4	3		59	57	56	90	06	10		10	4	1		58	56	55	80	07	7		10	4	1			60	58	57	90	14	5	
10	10	5	7		62	60	58	87	07	11		10	6	4		61	58	56	84	04	6		10	6	2			62	59	57	84	24	5	
13	10	7	8		66	62	59	78	05	7		10	13	4		65	60	57	75	08	6		10	12	5			66	61	58	76	20	6	
16	10	7	8		64	60	58	81	06	7		7	22	6		66	61	56	66	35	5		10	75	5			66	62	58	78	16	10	
19	10	6	8		65	59	57	94	07	12		10	6	6		6																		