

MAY 1976

WILMINGTON, DELAWARE

DATE	TEMPERATURE °F					DEGREE DAYS BASE 65°		WEATHER TYPES ON DATES OF OCCURRENCE									SNOW- ICE		PRECIPITATION		STATION PRESS- SURE		WIND					SUNSHINE		SKY COVER TEXTS					
	MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	AVERAGE DEN POINT	HEATING (SEASON BEGINN MTH. JAN.)	COOLING (SEASON BEGINN MTH. JAN.)	1 FOG	2 HEAVY FOG	3 THUNDERSTORM	4 ICE PELLETS	5 HAIL	6 GLAZE	7 DUSTSTORM	8 SMOKE, HAZE	9 BLowing SNOW	WATER EQUIVA- LENT IN.	SNOW- ICE PELLETS IN.	INCH. ELEV. 80 FEET M.S.L.	RESULTANT DIR.	RESULTANT SPEED M.P.H.	WIND SPEED M.P.H.	FASTEST MILE DIRECTION	MINUTES	PERCENT OF POSSIBLE	SUNRISE TO SUNSET	TO MIDNIGHT	DATE							
1	2	3	4	5	6	7A	7B	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22													
1	61	54	58	1	54	7	0	1									2.29	0	29.79	18	9.8	14.0	25	16		10	10	1							
2	71	50	61	3	51	4	0										0	0	29.70	25	6.6	9.5	12	16		3	3	2							
3	61	43	52	-1.6	40	13	0	2									0	0	29.77	31	8.2	10.9	22	31		9	3	3							
4	55	37*	46*	-1.13	30	19	0										0	0	30.10	30	8.6	9.2	17	31		9	3	4							
5	73	38	56	-1.3	41	9	0										0	0	30.09	22	9.4	10.6	18	21		1	2	9							
6	77	55	66	7	53	0	1										0	0	30.00	21	10.3	10.9	16	23		7	7	6							
7	71	51	64	5	57	1	0	3									.74	0	29.85	21	8.7	12.8	28	25		8	5	9							
8	61	41	51	-1.0	37	14	0										0	0	30.06	30	11.0	12.1	17	31		8	5	9							
9	65	39	52	-0.8	33	13	0										0	0	30.07	29	5.8	7.3	14	31		1	0	9							
10	75	47	61	1	42	4	0										0	0	30.02	21	8.1	8.8	16	21		4	4	10							
11	73	55	64	3	53	1	0	1	3								.18	0	29.84	21	13.5	14.0	18	22		9	8	11							
12	62	46	54	-7	41	11	0	1	3								.11	0	29.86	31	12.9	13.2	21	31		2	3	12							
13	66	40	53	-8	41	12	0										0	0	30.12	17	5.8	9.1	17	16		6	6	13							
14	77	57	67	5	60	0	2	1									0	0	30.03	18	9.3	9.5	16	18		10	10	14							
15	78	65	72*	10	63	0	7										0	0	29.98	23	8.7	9.5	13	23		10	10	15							
16	77	64	71	9	66	0	6	1									.20	0	29.90	15	9.0	9.2	20	15		10	9	16							
17	75	63	69	6	62	0	4	1									.03	0	29.74	20	6.4	6.6	14	18		9	7	17							
18	72	43	58	-1.5	54	7	0	1	3								1.05	0	29.52	30	11.1	11.7	22	30		9	9	18							
19	56	41	48	-1.4	34	16	0										.01	0	29.63	30	16.6	16.8	24	29		8	8	19							
20	77	50	64	0	43	1	0										.03	0	29.74	26	12.4	12.8	20	25		9	6	20							
21	80*	55	68	4	52	0	3	1	3								.01	0	29.68	28	7.9	9.2	21	28		5	4	21							
22	70	50	60	-1.4	43	9	0										0	0	29.81	30	9.1	9.2	15	35		6	6	22							
23	69	46	57	-1.6	42	8	0										0	0	29.79	25	7.8	7.8	15	35		1	2	23							
24	70	48	59	-1.6	41	8	0										0	0	29.69	04	7.0	7.6	14	07		8	7	24							
25	63	50	57	-0.8	43	8	0										0	0	29.85	08	7.4	9.5	16	05		10	10	25							
26	59	50	55	-1.1	46	10	0										.01	0	30.03	17	2.2	6.2	8	19		10	10	26							
27	75	45	60	-1.6	47	5	0	1									0	0	30.11	28	4.5	6.6	13	29		1	2	27							
28	77	52	65	-1	50	0	0	1									0	0	30.14	18	6.5	8.9	18			6	7	28							
29	69	57	63	-1.4	56	2	0	1									.36	0	30.02	13	9.1	10.6	15	17		10	10	29							
30	66	58	63	-1.4	60	2	0	1									.03	0	29.81	06	6.8	8.1	16	06		10	10	30							
31	75	59	67	0	61	0	2	2									0	0	29.81	17	5.7	5.8	14	17		7	8	31							
SUM		SUM				TOTAL		TOTAL								TOTAL		TOTAL		FOR THE MONTH					TOTAL		X		SUM		SUM				
2162		1549				178		25								5.05		0		29.89		25		3.7		10.0		28		25		207		196	
AVG.		AVG.		AVG.		DEP.		AVG.		DEP.		DEP.						DEP.								DATE: 07		POSSIBLE		MONTH		AVG.		AVG.	
69.7		50.0		59.9		-2.5		48		50		-23						1.70												6.7		6.3			

SUMMARY BY HOURS

HOUR LOCAL TIME	SKY COVER TENS	AVERAGES							RESULTANT WIND	
		STATION PRESSURE IN.	TEMPERATURE			RELATIVE HUMIDITY %	WIND SPEED M.P.H.	DIRECTION	SPEED M.P.H.	
			AIR °F	WET BULB °F	DEW POINT °F					
01	5	29.88	55	51	47	77	7.8	25	2.6	
04	5	29.88	53	50	47	80	6.7	27	2.4	
07	6	29.91	56	52	48	78	8.7	25	2.8	
10	7	29.92	64	55	48	59	12.3	26	4.3	
13	7	29.89	67	57	49	54	13.3	24	5.4	
16	7	29.86	67	57	48	53	13.3	25	7.1	
19	7	29.86	62	55	48	63	10.0	23	3.6	
22	7	29.88	57	53	48	73	7.6	21	2.9	

[illegible]

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Thomas D. Potter
DIRECTOR, NATIONAL CLIMATIC CENTER

USCOMM--NOAA--ASHEVILLE

06/18/78

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OBSERVATIONS AT 3-HOUR INTERVALS

HOUR	SKY COVER	CEILING	WINDS OF FT.	VISI- BILITY	WEATHER	TEMPERATURE					WIND	SKY COVER	CEILING	WINDS OF FT.	VISI- BILITY	WEATHER	TEMPERATURE					WIND	SKY COVER	CEILING	WINDS OF FT.	VISI- BILITY	WEATHER	TEMPERATURE					WIND
						AIR * F	NET BULB * F	DEW PT. * F	REL. HUM. %	AIR * F							DIR	AIR * F	NET BULB * F	DEW PT. * F	REL. HUM. %							AIR * F	DIR	AIR * F	NET BULB * F	DEW PT. * F	
DAY 01																																	
01	10	250	12			56	52	48	78	14	6	10	70	7			60	58	57	80	25	8	0	UNL	5			55	53	52	90	16	6
04	10	UNL	8			55	52	50	83	18	6	3	UNL	7			56	53	51	83	30	9	0	UNL	2			54	53	52	93	00	3
07	10	22	7			56	54	52	87	18	13	5	UNL	8			56	52	48	78	30	8	0	UNL	3			53	52	52	96	33	0
10	10	5	5			57	56	55	93	16	11	1	UNL	10			64	54	55	86	30	8	10	UNL	10			56	48	43	62	31	18
13	10	5	3			57	56	55	93	16	19	5	UNL	7			69	50	50	51	24	8		UNL	20			59	47	34	39	31	19
16	10	7	1			56	55	54	93	16	20	4	UNL	6			71	50	48	46	25	7		UNL	25			60	46	28	30	30	16
19	10	4	1			57	56	55	93	32	12	3	UNL	6			62	56	51	67	19	10		UNL	25			53	42	28	36	30	10
22	10	9	7			61	59	58	90	23	10	0	UNL	10			57	54	51	80	17	7		UNL	15			46	38	30	54	34	4
DAY 02																																	
01	0	UNL	15			40	36	30	68	29	7	0	UNL	15			42	38	32	68	30	4	3	UNL	15			59	53	47	65	21	6
04	0	UNL	15			37	34	29	73	32	5	0	UNL	15			40	37	32	73	29	4	4	UNL	12			57	52	47	69	20	7
07	0	UNL	15			42	37	31	65	27	6	0	UNL	7			46	44	42	89	24	4	3	UNL	12			61	56	52	72	21	11
10	8	45	20			47	39	29	50	31	13	0	UNL	15			62	53	45	54	22	11	8	UNL	12			68	60	54	58	23	14
13	8	55	25			52	42	29	41	31	14	1	UNL	15			68	55	48	38	22	14	8	UNL	10			75	64	57	54	23	11
16	4	UNL	25			55	44	29	37	30	12	1	UNL	15			72	56	41	33	24	15	8	UNL	12			76	62	53	45	23	12
19	0	UNL	20			51	42	29	43	25	7	6	UNL	15			66	55	45	47	20	12	10	UNL	25			70	61	54	57	18	6
22	0	UNL	15			46	40	32	58	00	0	5	UNL	15			61	54	47	60	10	10		UNL	25			64	59	56	75	18	9
DAY 03																																	
01	0	UNL	15			40	36	30	68	29	7	0	UNL	15			42	38	32	68	30	4	3	UNL	15			59	53	47	65	21	6
04	0	UNL	15			37	34	29	73	32	5	0	UNL	15			40	37	32	73	29	4	4	UNL	12			57	52	47	69	20	7
07	0	UNL	15			42	37	31	65	27	6	0	UNL	7			46	44	42	89	24	4	3	UNL	12			61	56	52	72	21	11
10	8	45	20			47	39	29	50	31	13	0	UNL	15			62	53	45	54	22	11	8	UNL	12			68	60	54	58	23	14
13	8	55	25			52	42	29	41	31	14	1	UNL	15			68	55	48	38	22	14	8	UNL	10			75	64	57	54	23	11
16	4	UNL	25			55	44	29	37	30	12	1	UNL	15			72	56	41	33	24	15	8	UNL	12			76	62	53	45	23	12
19	0	UNL	20			51	42	29	43	25	7	6	UNL	15			66	55	45	47	20	12	10	UNL	25			70	61	54	57	18	6
22	0	UNL	15			46	40	32	58	00	0	5	UNL	15			61	54	47	60	10	10		UNL	25			64	59	56	75	18	9
DAY 04																																	
01	0	UNL	15			40	36	30	68	29	7	0	UNL	15			42	38	32	68	30	4	3	UNL	15			59	53	47	65	21	6
04	0	UNL	15			37	34	29	73	32	5	0	UNL	15			40	37	32	73	29	4	4	UNL	12			57	52	47	69	20	7
07	0	UNL	15			42	37	31	65	27	6	0	UNL	7			46	44	42	89	24	4	3	UNL	12			61	56	52	72	21	11
10	8	45	20			47	39	29	50	31	13	0	UNL	15			62	53	45	54	22	11	8	UNL	12			68	60	54	58	23	14
13	8	55	25			52	42	29	41	31	14	1	UNL	15			68	55	48	38	22	14	8	UNL	10			75	64	57	54	23	11
16	4	UNL	25			55	44	29	37	30	12	1	UNL	15			72	56	41	33	24	15	8	UNL	12			76	62	53	45	23	12
19	0	UNL	20			51	42	29	43	25	7	6	UNL	15			66	55	45	47	20	12	10	UNL	25			70	61	54	57	18	6
22	0	UNL	15			46	40	32	58	00	0	5	UNL	15			61	54	47	60	10	10		UNL	25			64	59	56	75	18	9
DAY 05																																	
01	0	UNL	15			40	36	30	68	29	7	0	UNL	15			42	38	32	68	30	4	3	UNL	15			59	53	47	65	21	6
04	0	UNL	15			37	34	29	73	32	5	0	UNL	15			40	37	32	73	29	4	4	UNL	12			57	52	47	69	20	7
07	0	UNL	15			42	37	31	65	27	6	0	UNL	7			46	44	42	89	24	4	3	UNL	12			61	56	52	72	21	11
10	8	45	20			47	39	29	50	31	13	0	UNL	15			62	53	45	54	22	11	8	UNL	12			68	60	54	58	23	14
13	8	55	25			52	42	29	41	31	14	1	UNL	15			68	55	48	38	22	14	8	UNL	10			75	64	57	54	23	11
16	4	UNL	25			55	44	29	37	30	12	1	UNL	15			72	56	41	33	24	15	8	UNL	12			76	62	53	45	23	12
19	0	UNL	20			51	42	29	43	25	7	6	UNL	15			66	55	45	47	20	12	10	UNL	25			70	61	54	57	18	6
22	0	UNL	15			46	40	32	58	00	0	5	UNL	15			61	54	47	60	10	10		UNL	25			64	59	56	75	18	9
DAY 06																																	
01	0	UNL	15			40	36	30	68	29	7	0	UNL	15			42	38	32	68	30	4	3	UNL	15			59	53	47	65	21	6
04	0	UNL	15			37	34	29	73	32	5	0	UNL	15			40	37	32	73	29	4	4	UNL	12			57	52	47	69	20	7
07	0	UNL	15			42	37	31	65	27	6	0	UNL	7			46	44	42	89	24	4	3	UNL	12			61	56	52	72	21	11
10	8	45	20			47	39	29	50	31	13	0	UNL	15			62	53	45	54	22	11	8	UNL	12			68	60	54	58	23	14
13	8	55	25			52	42	29	41	31	14	1	UNL	15			68	55	48	38	22	14	8	UNL	10			75	64	57	54	23	11
16	4	UNL	25			55	44	29	37	30	12	1	UNL	15			72	56	41	33	24	15	8	UNL	12			76	62	53	45	23	12
19	0	UNL	20			51	42	29	43	25	7	6	UNL	15			66	55	45	47	20	12	10	UNL	25			70	61	54	57	18	6
22	0	UNL	15			46	40	32	58	00	0	5	UNL	15			61	54	47	60	10	10		UNL	25			64	59	56	75	18	9
DAY 07																																	
01	7	UNL	7			61	58	55	81	17	11	2	UNL	20			50	43	34	54	32	13	0	UNL	15			42	39	34	73	28	5
04	10	120	7			62	58	56	81	19	8	0	UNL	15			45	39	30	56	33	14	0	UNL	15			39	36	31	73	32	6
07	10	85	8			63	59	57	81	19	11	0	UNL	15			45	39	30	56	33	10	0	UNL	12			35	35	30	68	30	5
10	10	75	8			62	58	56	80	18	10	0	UNL	15			42	38	28	52	13	12	0	UNL	12			37	46	23	40	35	8
13	9	31	9			75	66	61	62	19	16	7	UNL	25			58	45	28	32	31	11	0	UNL	25			62	48	32	32	28	6
16	7	250	8			75	66	61	62	23	11	9	UNL	20			59	45	28	31	27	13	0	UNL	25			64	48	32	30	27	11
19																																	