

MAY 1994
 WILMINGTON, DE
 NAT'L WEA SER OFC
 AIRPORT TERMINAL BLDG

ISSN # 0198-117X



INQUIRIES/COMMENTS CALL
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LOCAL CLIMATOLOGICAL DATA

MONTHLY SUMMARY

GREATER WILMINGTON AIRPORT

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

MAY 1994 WILMINGTON, DE

DATE	TEMPERATURE ° F			DEGREE DAYS BASE 65 ° F		WEATHER TYPES		SNOW/ICE ON GRD AT 0700 (IN.)	PRECIPITATION (INCHES)		AVERAGE STATION PRESSURE (INCHES OF Hg) ELEV. 80 (FT. MSL)	WIND (M.P.H.)				SUNSHINE		SKY COVER TENTHS							
	MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	AVERAGE DEW POINT	HEATING	COOLING		1 FOG 2 HEAVY FOG 3 THUNDERSTORMS 4 ICE PELLETS 5 HAIL 6 GLAZE 7 DUSTSTORM 8 SMOKE, HAZE 9 BLOWING SNOW	WATER EQUIVALENT		SNOW ICE PELLETS	RESULTANT DIR	RESULTANT SPEED	AVERAGE SPEED	PEAK GUST	FASTEST 1-MIN	MINUTES	PERCENT POSSIBLE	SUNRISE TO SUNSET	MIDNIGHT TO MIDNIGHT				
1	2	3	4	5	6	7A	7B	8	10	11	12	13	14	15	16	17	18	19	20	21	22	23			
01	75	48	62	5	51	3	0		0	0.06	0.0	29.800	28	7.4	13.7	33	NW	24	31			6	6		
02	62	40	51	-7	33	14	0		0	0.00	0.0	30.100	33	7.9	9.1	29	NW	23	33			4	3		
03	64	43	54	-4	34	11	0		0	0.00	0.0	30.250	10	3.8	6.9	18	S	13	20			9	8		
04	54	50	52	-6	44	13	0		0	0.30	0.0	30.080	06	9.1	10.3	28	NE	17	07			10	10		
05	72	51	62	3	46	3	0		0	0.00	0.0	29.810	33	7.9	10.7	23	W	18	29			6	6		
06	68	50	59	0	41	6	0	1	8	0.05	0.0	29.820	29	9.5	11.0	39	W	25	29			6	5		
07	60	42	51	-8	45	14	0	1		0.78	0.0	29.870	13	3.5	5.8	16	SE	13	17			8	7		
08	63	51	57	-3	49	8	0	1		0.26	0.0	29.620	30	8.9	9.8	25	NW	17	30			10	9		
09	72	45	59	-1	46	6	0	0		0.00	0.0	29.810	23	9.0	9.7	24	SW	17	21			4	3		
10	70	49	60	-1	43	5	0	0		0.00	0.0	29.930	33	6.3	6.9	28	NW	18	34			6	5		
11	72	41	57	-4	43	8	0	0		0.00	0.0	29.990	19	6.1	8.5	25	S	17	20			7	6		
12	72	48	60	-1	48	5	0	3		0.11	0.0	29.715	28	9.0	13.3	41	N	28	31			7	6		
13	66	41	54	-8	32	11	0	0		0.00	0.0	29.910	31	11.1	12.1	32	NW	20	30			1	0		
14	72	38*	55	-7	36	10	0	0		0.00	0.0	29.990	28	5.3	6.6	23	W	12	29			5	4		
15	80	49	65	3	57	0	0	1	3	0.42	0.0	29.760	21	3.8	6.5	24	SW	16	25			6	6		
16	76	51	64	2	53	1	0	1		0.08	0.0	29.635	30	13.1	14.8	32	NW	21	31			6	8		
17	61	48	55	-8	42	10	0	0		0.00	0.0	29.790	34	14.4	15.0	30	N	18	34			9	8		
18	67	49	58	-5	45	7	0	0		0.18	0.0	29.850	34	10.9	11.5	23	N	16	36			8	8		
19	57	48	53	-11	48	12	0	1		0.13	0.0	29.940	04	6.1	7.3	17	N	13	01			10	10		
20	54	43	49*	-15	44	16	0	1		0.09	0.0	30.000	06	2.5	4.8	18	E	9	03			10	8		
21	77	40	59	-5	47	6	0	1	8	0.00	0.0	29.980	15	1.3	5.6	18	S	13	19			0	0		
22	86	47	67	2	51	0	2	0		0.00	0.0	29.890	14	2.1	5.3	16	S	13	18			1	1		
23	89*	54	72	7	57	0	7	3		T	0.0	29.710	33	5.8	6.4	36	N	21	31			3	3		
24	84	62	73	8	58	0	8	3		0.10	0.0	29.750	26	3.8	6.6	22	SW	14	24			5	6		
25	85	61	73*	8	63	0	8	1	3	0.24	0.0	29.610	23	5.5	8.6	47	NW	33	32			9	9		
26	80	60	70	4	62	0	5	1	3	0.89	0.0	29.520	23	6.7	8.0	29	W	18	29			10	10		
27	65	46	56	-10	39	9	0	0		0.00	0.0	29.770	32	13.3	13.8	33	NW	22	33			3	3		
28	69	43	56	-10	37	9	0	0		0.00	0.0	30.030	25	3.8	6.8	20	W	15	23			1	1		
29	77	49	63	-4	50	2	0	0		0.00	0.0	30.110	20	6.0	7.1	20	S	14	24			0	0		
30	83	57	70	3	55	0	5	0		0.00	0.0	30.150	20	8.6	9.1	22	S	15	24			4	3		
31	82	59	71	3	58	0	6	0		0.00	0.0	30.010	21	9.0	9.4	23	S	16	22			5	4		
SUM		SUM		TOTAL		TOTAL		NUMBER OF DAYS		TOTAL		TOTAL		FOR THE MONTH :				TOTAL		%		SUM		SUM	
2214		1503		189		41		14		3.69		0.0		29.880 29 3.6 9.1 47 NW 33 32				179		166		5.8		5.4	
AVG.		AVG.		AVG.		DEP.		AVG.		DEP.		DEP.		DATE:25 DATE:25				POSS		MONTH		AVG		AVG	
71.4		48.5		60.0		-2.5		47.0		67		-3		≥ .01 INCH 14				-0.15				5.8		5.4	
NUMBER OF DAYS		SEASON TO DATE		SNOW, ICE PELLETS		TOTAL		TOTAL		GREATEST IN 24 HOURS AND DATES		GREATEST DEPTH ON GROUND OF SNOW, ICE PELLETS OR ICE AND DATE													
MAXIMUM TEMP.		MINIMUM TEMP.		4995		73		THUNDERSTORMS		6		PRECIPITATION		SNOW, ICE PELLETS											
≥ 90°		≤ 32°		≤ 32°		≤ 0°		DEP.		DEP.		HEAVY FOG		0		1.04 07-08		0.0		0					
0		0		0		0		58		29		CLEAR		7		PARTLY CLOUDY		14		CLOUDY		10			

* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE. 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 WINDS 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

Kenneth D. Haden
 DIRECTOR NATIONAL CLIMATIC DATA CENTER

OBSERVATIONS AT 3-HOUR INTERVALS

MAY 1994 13781
WILMINGTON, DE

HOUR	L.S.T.	SKY COVER (TENTHS)				WEATHER	TEMPERATURE				WIND		SKY COVER (TENTHS)	TEMPERATURE				WIND														
		CEILING IN HUNDREDS OF FEET	WHOLE MILES VISIBILITY	16THS MILE	REL HUMIDITY %		AIR ° F	WET BULB ° F	DEW POINT ° F	DIRECTION	SPEED (KNOTS)	AIR ° F		WET BULB ° F	DEW POINT ° F	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)														
01	10	150	12			68	63	60	20	8	2	UNL	12			48	41	32	54	33	11	0	UNL	12			44	41	36	74	01	6
04	10	200	12			68	63	60	76	21	11	0	UNL	12		43	38	31	63	25	3	4	UNL	15			44	40	35	71	01	7
07	10	85	12			68	64	61	78	22	9	0	UNL	12		47	41	34	61	32	6	7	UNL	15			53	45	34	49	05	5
10	10	130	7			64	61	58	81	23	8	7	UNL	15		54	44	30	40	01	10	8	UNL	15			59	46	31	35	12	7
13	5	UNL	10			73	65	59	62	23	13	10	UNL	15		59	47	33	38	31	7	10	200	15			62	47	29	29	11	8
16	1	UNL	10			72	58	47	41	32	19	2	UNL	12		61	48	32	34	33	12	10	200	15			63	48	30	29	12	3
19	1	UNL	12			57	49	41	55	34	18	0	UNL	12		56	46	33	42	31	3	10	200	12			55	48	40	57	16	7
22	0	UNL	12			50	43	34	54	35	13	0	UNL	12		49	43	35	59	28	3	10	200	12			53	46	39	59	11	4
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MAXIMUM SHORT DURATION PRECIPITATION

TIME PERIOD (MINUTES)	5	10	15	20	30	45	60	80	100	120	150	180
PRECIPITATION (INCHES)	0.12	0.24	0.36	0.41	0.51	0.61	0.68	0.75	0.76	0.78	0.86	0.88
ENDED: DATE	26	26	26	26	26	26	26	26	26	26	26	26
ENDED: TIME (LST)	1651	1651	1650	1651	1651	1708	1704	1720	1742	1805	1833	1851

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.

