

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

ISSN # 0198-117X



LOCAL CLIMATOLOGICAL DATA MONTHLY SUMMARY

INQUIRIES/COMMENTS CALL
 (704) 271-4800 VOICE
 271-4010 TDD/271-4876 FAX

GREATER WILMINGTON AIRPORT

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

JUN 1994
 WILMINGTON, DE

DATE	TEMPERATURE ° F					DEGREE DAYS BASE 65 ° F		WEATHER TYPES 1 FOG 2 HEAVY FOG 3 THUNDERSTORMS 4 ICE PELLETS 5 HAIL 6 GLAZE 7 DUSTSTORM 8 SMOKE, HAZE 9 BLOWING SNOW	SNOW/ ICE ON GRD AT 0700 (IN.)	PRECIPITATION (INCHES)		AVERAGE STATION PRESSURE (INCHES OF Hg) ELEV. 80 (FT. MSL)	WIND (M.P.H.)				SUNSHINE MINUTES	SKY COVER TENTHS						
	MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	AVERAGE DEW POINT	HEATING	COOLING			WATER EQUIVALENT	SNOW ICE PELLETS		RESULTANT DIR	RESULTANT SPEED	AVERAGE SPEED	PEAK GUST			DIR	FASTEST 1-MIN	PERCENT POSSIBLE	SUNRISE TO SUNSET	MIDNIGHT TO MIDNIGHT	
1	2	3	4	5	6	7A	7B	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
01	86	63	75	7	55	0	10		0	0.00	0.0	29.735	28	6.5	9.1	28	NW	17	31			2	2	
02	72	55	64	-4	41	1	0		0	0.00	0.0	29.890	31	9.5	11.0	26	W	18	28			6	4	
03	78	49*	64*	-4	47	1	0		0	0.00	0.0	30.000	30	5.6	6.7	21	NW	10	26			0	1	
04	84	53	69	0	49	0	4		0	0.00	0.0	29.990	13	1.7	5.6	13	S	10	02			3	4	
05	76	59	68	-1	59	0	3		0	0.00	0.0	30.000	15	6.7	7.0	17	S	13	17			8	7	
06	84	66	75	6	67	0	10		0	T	0.0	29.810	19	9.4	9.7	26	S	16	22			10	9	
07	91	72	82	12	66	0	17	1	8	0	0.00	29.660	27	6.1	9.0	24	NW	16	22			6	6	
08	80	56	68	-2	58	0	3		8	0	0.00	29.760	01	8.0	9.2	22	N	17	36			9	8	
09	81	51	66	-4	46	0	1			0	0.00	29.925	32	4.6	6.6	16	N	10	32			8	5	
10	86	54	70	0	51	0	5			0	0.00	29.980	11	2.8	6.1	18	S	13	16			9	7	
11	73	60	67	-3	60	0	2	1	8	0	0.02	30.030	16	7.0	7.6	22	S	16	18			10	9	
12	80	68	74	3	67	0	9			0	0.04	29.980	18	7.4	7.8	18	S	14	20			10	8	
13	88	67	78	7	70	0	13	1	8	0	0.00	29.980	18	6.9	7.4	21	S	14	17			6	4	
14	95	73	84	13	72	0	19	1	8	0	0.00	29.970	19	5.7	6.5	16	S	12	18			4	3	
15	97	75	86	14	72	0	21	1	3	8	0	0.00	30.050	16	3.1	3.6	20	S	12	14			4	3
16	85	75	80	8	72	0	15	1	8	0	0.00	30.090	08	5.2	5.8	17	NE	10	04			8	7	
17	85	70	78	6	69	0	13	1	8	0	0.00	30.050	15	4.8	7.5	17	S	14	16			4	4	
18	92	70	81	9	71	0	16	2	8	0	0.00	30.000	20	4.8	6.2	15	S	10	18			4	6	
19	100*	75	88*	16	70	0	23	1	3	8	0	0.10	29.920	32	3.3	5.8	29	N	23	01			4	5
20	89	69	79	6	62	0	14			0	0.00	29.970	11	6.2	9.9	22	NE	16	04			3	4	
21	87	68	78	5	70	0	13	1	8	0	0.00	29.790	18	5.7	6.6	15	S	10	19			9	9	
22	89	69	79	6	56	0	14		8	0	0.00	29.750	34	8.2	9.2	25	N	17	35			3	5	
23	88	64	76	3	64	0	11	1	8	0	0.03	29.740	16	3.8	6.1	16	SW	12	25			8	8	
24	91	74	83	9	73	0	18	1	3	8	0	0.24	29.560	17	6.0	6.7	28	S	25	20			7	7
25	89	71	80	6	66	0	15		8	0	0.00	29.610	23	9.0	10.7	28	W	18	25			7	5	
26	92	65	79	5	61	0	14			0	T	0.0	29.840	20	8.2	10.2	31	S	23	22			2	4
27	86	71	79	5	69	0	14	3		0	1.05	29.740	19	11.4	12.2	38	SW	26	23			9	8	
28	85	70	78	4	64	0	13			0	T	0.0	29.820	23	8.1	9.8	23	SW	17	23			5	5
29	89	68	79	4	68	0	14	1	3	8	0	0.63	29.715	21	8.1	10.6	47	N	31	32			8	8
30	85	65	75	0	65	0	10			0	T	0.0	29.780	21	7.5	8.9	22	W	15	22			10	9
SUM	SUM					TOTAL	TOTAL	NUMBER OF DAYS		TOTAL	TOTAL	FOR THE MONTH :				TOTAL	%	SUM	SUM					
2583	1965					2	334	2		2.11	0.0	29.870	20	2.9	8.0	47	N	31	32			FOR	186	174
AVG.	AVG.	AVG.	DEP.	AVG.	DEP.	DEP.	PRECIPITATION		DEP.					DATE:29	DATE:29	POSS	MONTH	AVG	AVG					
86.1	65.5	75.8	4.3	62.6	2	135	≥ .01 INCH		7									6.2	5.8					
NUMBER OF DAYS						SEASON TO DATE		SNOW, ICE PELLETS		GREATEST IN 24 HOURS AND DATES				GREATEST DEPTH ON GROUND OF										
						TOTAL	TOTAL	≥ 1.0 INCH		0				SNOW, ICE PELLETS OR ICE										
MAXIMUM TEMP.		MINIMUM TEMP.		4997	407	THUNDERSTORMS		5	PRECIPITATION		SNOW, ICE PELLETS		AND DATE											
≥ 90°		≤ 32°		≤ 32°	≤ 0°	DEP.	DEP.	HEAVY FOG	1	1.05	27	0.0	0											
7		0		0	0	60	164	CLEAR	6	PARTLY CLOUDY	11	CLOUDY	13											

* 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.
 † TRACE AMOUNT.
 + ALSO ON EARLIER DATE(S).
 HEAVY FOG: VISIBILITY 1/4 MILE OR LESS.
 BLANK ENTRIES DENOTE MISSING OR UNREPORTED DATA.
 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.

OBSERVATIONS AT 3-HOUR INTERVALS

JUN 1994 13781
WILMINGTON, DE

HOUR	L.S.T.	TEMPERATURE				WIND		SKY COVER (TENTHS)	TEMPERATURE				WIND		SKY COVER (TENTHS)	TEMPERATURE				WIND							
		CEILING IN HUNDREDS OF FEET	WHOLE MILES VISIBILITY	AIR ° F	WET BULB ° F	DEW POINT ° F	REL HUMIDITY %		DIRECTION	SPEED (KNOTS)	CEILING IN HUNDREDS OF FEET	WHOLE MILES VISIBILITY	AIR ° F	WET BULB ° F		DEW POINT ° F	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)	CEILING IN HUNDREDS OF FEET	WHOLE MILES VISIBILITY	AIR ° F	WET BULB ° F	DEW POINT ° F	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)
JUN 01																											
01	0	UNL	15	65	62	60	84	21	6	0	UNL	15	65	56	48	54	32	5	0	UNL	15	55	49	42	62	29	3
04	4	UNL	12	63	61	60	90	18	5	4	UNL	12	59	50	41	52	36	9	0	UNL	15	49	46	42	62	33	5
07	1	UNL	15	71	67	64	79	22	7	8	250	15	58	49	40	51	30	6	0	UNL	12	59	52	46	62	33	7
10	1	UNL	15	79	69	63	58	28	10	3	UNL	15	64	50	36	36	32	14	0	UNL	12	69	57	47	46	30	4
13	0	UNL	15	84	65	52	33	27	12	7	250	15	68	53	37	32	28	16	0	UNL	12	73	58	46	38	36	7
16	1	UNL	20	86	65	50	29	31	11	6	250	15	71	55	41	34	30	10	0	UNL	15	76	60	48	37	30	5
19	4	UNL	20	80	62	49	34	33	11	3	UNL	15	69	55	43	39	26	8	5	UNL	15	72	60	50	46	36	7
22	0	UNL	15	70	58	49	47	00	0	0	UNL	15	61	52	44	54	01	9	1	UNL	15	64	57	51	63	25	6
JUN 02																											
JUN 03																											
JUN 04																											
JUN 05																											
JUN 06																											
JUN 07																											
JUN 08																											
JUN 09																											
JUN 10																											
JUN 11																											
JUN 12																											
JUN 13																											
JUN 14																											
JUN 15																											
JUN 16																											
JUN 17																											
JUN 18																											

MAXIMUM SHORT DURATION PRECIPITATION

TIME PERIOD (MINUTES)	5	10	15	20	30	45	60	80	100	120	150	180
PRECIPITATION (INCHES)	0.30	0.60	0.88	0.88	0.90	0.91	0.91	0.91	0.91	0.91	0.91	0.91
ENDED: DATE	27	27	27	27	27	27	27	27	27	27	27	27
ENDED: TIME (LST)	1853	1851	1853	1853	1903	1920	1920	1920	1920	1920	1920	1920

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

JUN 1994 13781
WILMINGTON, DE

HOUR	L.S.T.	SKY COVER (TENTHS)			CEILING IN HUNDREDS OF FEET			VISIBILITY		WEATHER	TEMPERATURE				WIND		SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET			VISIBILITY		WEATHER	TEMPERATURE				WIND				
		SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	WHOLE MILES	16THS MILE	AIR ° F	WET BULB ° F	DEW POINT ° F	REL HUMIDITY %		DIRECTION	SPEED (KNOTS)	AIR ° F	WET BULB ° F	DEW POINT ° F	REL HUMIDITY %		DIRECTION	SPEED (KNOTS)	SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	WHOLE MILES		16THS MILE	AIR ° F	WET BULB ° F	DEW POINT ° F	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)		
JUN 19											JUN 20											JUN 21										
01	5	UNL	8		77	73	71	82	22	6	7	250	12		80	70	64	58	04	9	8	UNL	15		68	66	64	87	15	5		
04	0	UNL	9		76	73	72	88	00	0	6	UNL	12		76	70	67	74	05	8	10	5	10		69	67	66	90	13	3		
07	0	UNL	4	H	80	75	72	77	26	6	4	UNL	12		78	70	66	67	07	12	10	8	8		71	68	67	87	19	5		
10	0	UNL	6	H	93	78	71	49	00	0	2	UNL	15		82	71	65	57	10	7	10	13	6	H	75	71	69	82	19	8		
13	3	UNL	10		97	75	65	35	01	3	2	UNL	15		88	71	62	42	14	6	10	17	5	H	79	74	71	77	16	7		
16	6	70	12		95	76	67	40	34	10	1	UNL	15		86	69	59	40	16	10	5	UNL	5	H	85	77	74	70	16	7		
19	8	UNL	7		84	76	72	67	24	3	7	UNL	15		79	68	62	56	17	9	10	250	5	H	80	75	73	79	18	7		
22	5	UNL	7		80	73	70	72	02	7	6	UNL	15		72	64	58	62	14	6	8	UNL	6	H	79	74	71	77	25	4		
JUN 22											JUN 23											JUN 24										
01	10	UNL	6	H	77	72	69	76	26	6	2	UNL	15		67	62	58	73	35	4	10	120	5	F	74	73	72	94	16	5		
04	10	120	5	H	74	70	68	82	33	8	8	UNL	15		66	61	57	73	36	5	8	23	4	F	74	73	72	94	16	3		
07	3	UNL	10		78	62	51	39	36	13	4	UNL	15		76	67	61	60	02	3	10	20	3	F	77	74	73	88	20	5		
10	1	UNL	15		82	64	52	36	35	14	8	250	15		85	69	60	43	19	6	10	21	4	H	82	75	72	72	24	7		
13	1	UNL	15		86	64	49	28	35	8	10	UNL	15		86	68	58	39	15	7	5	UNL	4	H	88	77	73	61	15	8		
16	4	UNL	15		88	65	50	27	30	9	3	UNL	8		86	75	70	59	16	10	2	UNL	4	H	90	80	76	64	17	11		
19	7	UNL	15		83	65	52	34	36	6	10	80	8		81	74	70	69	17	8	10	70	5	H	83	77	75	77	16	7		
22	6	UNL	15		74	63	55	52	00	0	10	150	5	F	73	71	70	90	00	0	7	95	5	H	78	75	74	88	00	0		
JUN 25											JUN 26											JUN 27										
01	0	UNL	7		79	76	74	85	14	4	0	UNL	15		69	60	54	59	23	5	8	80	12		77	72	69	76	18	8		
04	1	UNL	7		78	75	73	85	19	7	2	UNL	15		68	62	57	68	22	5	0	UNL	12		75	72	71	87	18	8		
07	10	25	7		78	73	71	79	22	9	0	UNL	15		73	65	60	64	25	8	10	70	7	R	77	73	71	82	21	12		
10	9	21	10		82	75	71	69	21	9	0	UNL	15		84	69	60	44	23	9	9	40	7		83	74	69	63	19	13		
13	7	35	10		85	75	70	61	22	12	2	UNL	15		89	68	55	32	20	12	10	65	10		73	71	70	90	20	11		
16	9	55	10		85	72	65	51	26	12	2	UNL	15		86	71	63	46	15	12	9	110	15		83	72	67	59	20	15		
19	9	75	15		83	67	58	43	24	7	8	UNL	10		84	70	62	48	14	10	10	31	2	TR	71	69	68	90	20	13		
22	1	UNL	15		74	62	53	48	26	13	10	110	8		75	70	67	76	13	5	10	110	10		72	70	69	90	23	7		
JUN 28											JUN 29											JUN 30										
01	7	250	12		71	68	67	87	20	7	10	150	9		76	72	70	82	17	6	10	100	10	RW	72	68	66	82	16	9		
04	7	90	10		70	68	67	90	20	7	5	UNL	6		75	72	71	87	18	6	10	120	12		70	67	65	84	20	8		
07	3	UNL	10		73	70	68	84	22	9	10	150	4	F	78	74	72	82	15	9	10	110	9	R	70	68	66	87	19	13		
10	7	34	10		78	69	64	62	26	11	10	20	6	H	83	75	72	70	24	11	5	UNL	10		79	71	67	67	22	10		
13	6	49	10		82	68	60	47	26	13	8	33	7		86	75	70	59	20	11	10	UNL	10		84	73	67	57	20	7		
16	3	UNL	15		84	67	57	40	27	11	2	UNL	8		88	71	61	40	19	11	10	200	7	R	77	70	66	69	22	13		
19	0	UNL	15		81	68	60	49	25	5	10	120	7		82	69	61	49	24	9	10	150	12		71	67	65	81	20	6		
22	0	UNL	12		76	69	65	69	16	6	10	200	12	RW	72	69	68	87	14	8	10	90	12		71	68	66	84	23	3		

WEATHER CODES AND NOTES

& TORNADO	S SNOW	IF ICE FOG
&C FUNNEL CLOUD	SW SNOW SHOWERS	GF GROUND FOG
&W WATER SPOUT	SG SNOW GRAINS	BD BLOWING DUST
T THUNDERSTORM	SP SNOW PELLETS	BN BLOWING SAND
R RAIN	IC ICE CRYSTALS	BS BLOWING SNOW
RW RAIN SHOWERS	IP ICE PELLETS	BY BLOWING SPRAY
ZR FREEZING RAIN	IPW ICE PELLETT SHOWERS	K SMOKE
L DRIZZLE	A HAIL	H HAZE
ZL FREEZING DRIZZLE	F FOG	D DUST

CEILING: UNL INDICATES UNLIMITED

WIND DIRECTION: DIRECTIONS ARE THOSE FROM WHICH THE WIND IS BLOWING, 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 (MPH=KNOTS X 1.15).

SUMMARY BY HOURS

HOUR	L.S.T.	AVERAGES							RESULTANT	
		SKY COVER (TENTHS)	STATION PRESSURE (INCHES)	TEMPERATURE			REL HUMIDITY %	SPEED (MPH)	WIND	
				AIR ° F	WET BULB ° F	DEW POINT ° F			DIRECTION	SPEED (MPH)
01	5	29.880	70	66	63	79	5.7	19	2.1	
04	6	29.870	68	65	63	84	5.2	19	1.3	
07	7	29.900	72	67	63	74	7.7	21	2.6	
10	6	29.890	80	69	63	58	9.1	23	3.3	
13	6	29.870	83	70	62	52	10.0	20	5.1	
16	6	29.840	83	70	62	51	10.8	19	4.6	
19	7	29.845	78	68	62	60	8.3	19	4.3	
22	5	29.880	73	67	63	74	5.8	18	2.3	

