

OCT 1984
 WILMINGTON, DELAWARE
 NAT'L WEA SER OFC
 AIRPORT TERMINAL BLDG

ISSN 0198-117X

LOCAL CLIMATOLOGICAL DATA



Monthly Summary

GREATER WILMINGTON AIRPORT

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

OCT 1984
 WILMINGTON, DELAWARE

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		AVERAGE STATION PRESSURE IN INCHES ELEV. 80 FEET ABOVE M. S. L.	WIND (M.P.H.)				SUNSHINE		SKY COVER (TENTHS)		DATE	
	MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	AVERAGE DEN POINT	HEATING (SEASON BEGINS WITH JUL)	COOLING (SEASON BEGINS WITH JAN)			WATER EQUIVALENT (INCHES)	SNOW, ICE PELLETS (INCHES)		RESULTANT DIR.	RESULTANT SPEED	AVERAGE SPEED	FASTEST MILE	MINUTES	PERCENT OF TOTAL POSSIBLE	SUNRISE TO SUNSET	MITONIGHT TO MIDNIGHT		
01	58	48	53	-9	49	12	0	1	0	1.19	0.0	29.920	01	10.8	11.9	18	04			10	10	01
02	62	42	52	-10	43	13	0	1	0	T	0.0	29.970	31	10.3	11.3	22	34			8	7	02
03	68	40	54	-7	43	11	0	0	0	0.00	0.0	29.880	24	9.9	10.5	18	24			3	1	03
04	67	46	57	-4	45	8	0	0	0	0.00	0.0	30.035	31	7.1	7.8	14	30			1	2	04
05	69	43	56	-4	44	9	0	0	0	0.00	0.0	30.220	04	3.8	5.1	13	03			10	8	05
06	63	45	54	-6	37	11	0	0	0	0.00	0.0	30.440	06	7.0	8.6	16	03			1	2	06
07	62	38*	50*	-10	43	15	0	0	0	0.00	0.0	30.430	16	3.5	6.0	10	15			10	8	07
08	66	46	56	-3	52	9	0	0	0	0.00	0.0	30.250	17	4.3	5.1	12	16			10	10	08
09	70	54	62	3	58	3	0	1	8	T	0.0	30.170	16	0.4	1.2	7	14			10	7	09
10	73	52	63	5	58	2	0	2	8	0	0.00	30.260	12	1.1	3.3	9	17			7	7	10
11	72	52	62	4	56	3	0	2	8	0	0.00	30.250	04	3.5	4.9	12	09			4	4	11
12	72	48	60	2	52	5	0	1	8	0	0.00	30.090	02	5.1	6.7	13	04			5	5	12
13	71	53	62	5	50	3	0	1	8	0	0.00	29.920	03	13.7	14.1	18	03			10	9	13
14	73	54	64	7	50	1	0	0	8	0	0.00	29.780	01	11.9	12.3	16	02			9	7	14
15	74	49	62	5	43	3	0	0	8	0	0.00	29.860	36	4.0	6.5	14	05			7	7	15
16	66	51	59	3	54	6	0	1	8	0	0.02	30.050	16	2.9	3.6	8	17			10	10	16
17	65	53	59	3	54	6	0	1	8	0	0.00	30.130	15	5.1	5.3	9	18			10	9	17
18	71	57	64	9	59	1	0	1	8	0	0.00	30.050	16	0.3	0.6	6	16			5	6	18
19	76	53	65	10	61	0	0	2	8	0	0.00	29.960	18	4.9	6.6	17	33			8	7	19
20	76	62	69	14	64	0	4	2	8	T	0.0	29.980	28	0.9	2.3	8	31			9	9	20
21	84*	62	73*	19	64	0	8	2	8	0	0.00	30.010	18	7.1	8.8	20	22			5	4	21
22	79	65	72	18	66	0	7	1	8	0	0.93	30.030	21	8.7	9.5	16	19			10	9	22
23	67	53	60	6	58	5	0	1	8	0	0.27	30.140	01	7.1	8.1	14	04			10	10	23
24	55	51	53	0	52	12	0	1	8	0	0.14	30.230	03	6.3	7.2	14	04			10	10	24
25	66	50	58	5	53	7	0	1	8	0	0.00	30.300	19	2.8	6.1	9	19			7	9	25
26	75	59	67	14	62	0	2	1	8	0	0.01	30.100	23	8.6	9.0	14	23			10	10	26
27	78	61	70	18	65	0	5	1	8	0	0.00	30.090	16	4.2	5.3	16	18			8	7	27
28	82	59	71	19	65	0	6	1	3	0	0.61	29.990	22	4.8	8.0	16	22			7	8	28
29	76	58	67	15	63	0	2	1	8	0	0.14	29.980	31	2.5	7.0	13	36			9	9	29
30	70	51	61	10	52	4	0	0	8	0	0.00	30.180	08	4.7	8.3	15	16			2	3	30
31	72	57	65	14	55	0	0	1	8	0	0.00	30.290	04	3.4	4.8	9	04			6	8	31
SUM	SUM	SUM	SUM	SUM	TOTAL	TOTAL	NUMBER OF DAYS			TOTAL	TOTAL	FOR THE MONTH:				TOTAL	%	SUM	SUM			
2178	1612				149	34				3.31	0.0	30.100	01	0.8	7.0	22	34			231	222	
AVG.	AVG.	AVG.	DEP.	AVG.	DEP.	DEP.	PRECIPITATION			DEP.						DATE: 2	POSSIBLE	MONTH	AVG.	AVG.		
70.3	52.0	61.2	4.9	53.7	-133	22	> .01 INCH		8	0.42									7.5	7.2		
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						SNOW, ICE PELLETS OR ICE AND DATE								
MAXIMUM TEMP.		MINIMUM TEMP.		26.4		1088		THUNDERSTORMS		PRECIPITATION		SNOW, ICE PELLETS										
> 90°		< 32°		< 32°		< 0°		HEAVY FOG		5		1.19 01		0.0								
0		0		0		-54		73		CLEAR 4		PARTLY CLOUDY 9		CLOUDY 18								

* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE.
 † 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. ONE OF THREE WIND SPEEDS IS GIVEN UNDER FASTEST MILE: 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). PEAK GUST - HIGHEST INSTANTANEOUS WIND SPEED (A / APPEARS IN THE DIRECTION COLUMN). ERRORS WILL BE CORRECTED AND NOTED 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, ASHEVILLE, NORTH CAROLINA, 28801

noaa

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NATIONAL ENVIRONMENTAL SATELLITE, DATA AND INFORMATION SERVICE

NATIONAL CLIMATIC DATA CENTER ASHEVILLE NORTH CAROLINA

Kenneth D. Walden
 DIRECTOR
 NATIONAL CLIMATIC DATA CENTER

OBSERVATIONS AT 3-HOUR INTERVALS

OCT 1984 13781
WILMINGTON, DELAWARE

HOUR L.S.T.	VISIBILITY			WEATHER	TEMPERATURE				WIND		SKY COVER (TENTHS)	VISIBILITY			WEATHER	TEMPERATURE				WIND																																													
	CEILING IN HUNDREDS OF FEET	WHOLE MILES	16THS MILE		AIR OF	WET BULB OF	DEN POINT OF	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)		CEILING IN HUNDREDS OF FEET	WHOLE MILES	16THS MILE		AIR OF	WET BULB OF	DEN POINT OF	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)																																												
OCT 19th																						OCT 20th																						OCT 21st																					
01	3	UNL	0	8	F	55	55	55	100	00	0	10	11	2	F	66	65	64	93	18	6	10	28	1	8	F	66	65	64	93	00	0																																	
04	1	UNL	3		F	56	55	55	97	00	0	10	1	0	8	F	64	63	63	97	00	0	4	UNL	1	4	F	64	63	63	97	00	0																																
07	10	44	1		F	57	56	56	97	00	0	10	0	0	1	F	65	65	65	100	31	3	10	0	0	4	F	63	63	63	100	12	7																																
10	4	UNL	5		H	66	64	62	87	17	9	10	70	1	8	F	69	67	65	87	00	0	10	7	1	8	F	68	67	66	93	17	8																																
13	9	32	6		H	75	68	64	69	16	12	10	80	4	H	74	70	67	79	32	3	0	UNL	9			82	70	64	55	22	14																																	
16	2	UNL	5		H	72	67	64	76	18	10	9	85	3	H	72	68	66	82	00	0	3	UNL	10			81	69	63	54	21	14																																	
19	10	14	6		H	68	66	64	87	23	6	5	UNL	4	FH	67	65	63	87	00	0	2	UNL	10			72	67	64	76	17	10																																	
22	10	15	5		FH	67	65	64	90	00	0	4	UNL	3	F	63	62	62	97	00	0	0	UNL	10			67	64	62	84	16	7																																	
OCT 22nd																						OCT 23rd																						OCT 24th																					
01	2	UNL	10			67	65	63	87	18	6	10	55	5	F	66	65	65	97	32	4	10	10	7	L	54	53	52	93	02	7																																		
04	8	100	10			66	64	63	90	19	5	10	5	5	F	63	62	62	97	34	6	10	10	7	R	53	52	51	93	03	9																																		
07	10	85	7			68	66	64	87	21	4	10	UNL	6	F	62	61	60	93	03	5	10	8	8		52	52	51	96	03	8																																		
10	10	19	6		H	72	69	67	84	24	9	10	19	7		66	62	60	81	36	8	10	11	5	LH	54	53	52	93	05	8																																		
13	10	55	6		H	77	72	69	76	24	11	10	19	10		66	62	59	78	03	7	10	6	5	LFH	54	53	52	93	06	6																																		
16	10	40	7			79	71	67	67	19	12	10	22	7		62	59	56	81	36	8	10	7	3	F	55	54	53	93	04	5																																		
19	10	95	8		R	73	69	67	82	19	12	10	20	7		59	55	52	78	02	6	10	5	2	8	LF	54	54	53	96	36	5																																	
22	10	24	3		RNF	66	65	65	97	29	11	10	22	2	8	RF	54	54	53	96	04	5	10	6	2	8	F	53	53	53	100	35	3																																
OCT 25th																						OCT 26th																						OCT 27th																					
01	10	14	3		F	53	53	52	96	26	4	10	5	1	8	LF	59	58	58	97	21	8	10	85	7	F	67	65	64	90	22	4																																	
04	10	14	3		F	54	54	53	96	27	4	10	1	0	8	LF	61	60	60	97	21	6	10	85	6	F	66	65	64	93	20	4																																	
07	3	UNL	2		8	52	52	52	100	30	3	10	4	4		62	61	60	93	24	9	10	85	3	F	65	64	64	97	00	0																																		
10	9	41	8			57	54	51	81	01	4	10	8	6		65	63	62	90	24	12	5	UNL	3	FH	72	68	66	82	18	3																																		
13	6	UNL	9			64	58	53	68	15	6	10	95	6		70	66	63	79	22	10	4	UNL	6	H	78	71	67	69	14	7																																		
16	10	55	7			64	57	52	65	17	6	10	UNL	7		73	67	64	74	24	8	10	250	7		75	69	66	74	18	12																																		
19	10	41	7			62	57	52	70	18	6	8	UNL	7		67	65	63	87	25	5	6	250	5	FH	67	66	65	93	15	5																																		
22	10	22	7			61	57	53	75	20	6	10	75	7		67	65	63	87	24	5	4	UNL	3	FH	64	63	63	97	06	4																																		
OCT 28th																						OCT 29th																						OCT 30th																					
01	3	UNL	1		8	F	61	60	60	97	09	5	10	2	7	RW	64	63	63	97	19	8	0	UNL	10			57	54	51	81	01	5																																
04	8	44	3		F	60	59	59	97	00	0	10	25	4		64	63	63	97	30	5	0	UNL	12			54	51	49	83	02	6																																	
07	10	9	1		F	64	64	64	100	14	4	10	2	1		63	63	63	100	28	5	0	UNL	15			51	49	46	83	36	6																																	
10	10	14	7			72	69	68	87	24	12	10	8	7		68	67	66	93	21	5	0	UNL	15			62	56	50	65	04	9																																	
13	6	170	10			80	71	67	65	24	11	9	90	10		74	70	67	79	16	6	1	UNL	15			67	58	51	57	12	7																																	
16	8	UNL	10			80	71	67	65	22	9	7	41	8		74	69	66	76	32	8	8	250	15			65	60	56	73	17	10																																	
19	10	80	8			73	69	66	79	13	5	10	41	9		67	65	63	87	01	10	10	29	15			62	58	55	78	10	7																																	
22	10	44	10			70	66	64	81	33	7	10	24	10		63	61	59	87	36	11	10	25	15			60	58	56	87	12	6																																	
01	10	11	10			58	56	55	90	06	4																																																						
04	10	7	4		F	58	57	56	93	06	4																																																						
07	10	14	4		F	58	57	56	93	36	4																																																						
10	4	UNL	7			65	61	58	78	33	7																																																						
13	4	UNL	8			70	61	55	59	01	5																																																						
16	9	50	7			70	60	52	53	06	4																																																						
19	10	44	10			65	59	55	70	35	5																																																						
22	9	32	7			62	59	57	84	00	0																																																						

SUMMARY BY HOURS

HOUR L.S.T.	SKY COVER (TENTHS)	STATION PRESSURE (INCHES)	AVERAGES					RESULTANT WIND	
			TEMPERATURE			REL HUMIDITY %	WIND SPEED (MPH)	DIRECTION	SPEED (MPH)
			AIR TEMP OF	WET BULB OF	DEN POINT OF				
01	7	30.090	56	54	53	89	5.7	34	1.5
04	7	30.085	55	54	52	90	5.4	35	2.8
07	8	30.110	55	54	53	90	6.1	36	3.0
10	8	30.130	62	58	55	77	9.1	03	2.1
13	7	30.090	68	61	55	65	9.3	13	1.2
16	8	30.070	68	60	54	64	8.5	18	1.1
19	7	30.090	62	58	55	77	5.9	15	1.3
22	7	30.105	58	56	54	87	6.0	33	1.1

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

OCT 1984
WILMINGTON, DELAWARE 13781

DATE	A.M. HOUR ENDING AT												P.M. HOUR ENDING AT												DATE
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
01	T	T	T	0.04	0.06	0.17	0.24	0.18	0.08	0.10	0.07	0.05	T	T	0.09	0.01	0.01	T	0.03	0.01	0.02	0.02	T	0.01	01
02	T				T	T																			02
03																									03
04																									04
05																									05
06																									06
07																									07
08																									08
09	T	T		T	T		T	T	T	T															09
10																									10
11																									11
12																									12
13																									13
14																									14
15																									15
16																T	T				T	T	0.02	T	16
17																									17
18																									18
19																									19
20								T	T																20
21																									21
22																									22
23	T																								23
24	T	T	T	T	T	T	T	T	T	T	0.06	0.04	0.03	0.01	T										24
25																									25
26	T	T	0.01	T	T	T	T																		26
27																									27
28																							0.59	0.02	28
29	0.05	T	T	0.01	0.08																				29
30																									30
31																									31

MAXIMUM SHORT DURATION PRECIPITATION

TIME PERIOD (MINUTES)	5	10	15	20	30	45	60	80	100	120	150	180
PRECIPITATION (INCHES)	0.16	0.27	0.32	0.42	0.55	0.58	0.59	0.59	0.74	0.80	0.85	0.89
ENDED: DATE	22	22	28	28	28	28	28	28	22	22	22	22
ENDED: TIME	2045	2045	2235	2240	2252	2300	2300	2320	2215	2235	2235	2235

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.

SUBSCRIPTION PRICE AND ORDERING INFORMATION AVAILABLE FROM:
THE NATIONAL CLIMATIC DATA CENTER, FEDERAL BUILDING
ASHEVILLE, NORTH CAROLINA 28801
ATTN: PUBLICATIONS

WILMINGTON, DELAWARE
USCOMM - NOAA - ASHEVILLE, NC 395

U.S. DEPARTMENT OF COMMERCE
NATIONAL CLIMATIC DATA CENTER
FEDERAL BUILDING
ASHEVILLE, N.C. 28801

AN EQUAL OPPORTUNITY EMPLOYER

POSTAGE AND FEES PAID
U.S. DEPARTMENT OF COMMERCE
COM 210



FIRST CLASS