

LOCAL CLIMATOLOGICAL DATA

Monthly Summary



GREATER WILMINGTON AIRPORT

LATITUDE 39°40' LONGITUDE 075°36' ELEVATION (GROUND) 00074 FEET TIME ZONE EASTERN 13781

FEB 1984
WILMINGTON, DELAWARE

DATE	TEMPERATURE °F				DEGREE DAYS BASE 65°F		WEATHER TYPES	SNOW ICE PELLETS OR ICE ON GROUND AT 0700 INCHES	PRECIPITATION		AVERAGE STATION PRESSURE IN INCHES	WIND (M.P.H.)				SUNSHINE		SKY COVER (TENTHS)		
	MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	AVERAGE DEN POINT	HEATING I SEASON BEGINS WITH JULI			COOLING I SEASON BEGINS WITH JANI	WATER EQUIVALENT (INCHES)		SNOW, ICE PELLETS (INCHES)	RESULTANT DIR.	RESULTANT SPEED	AVERAGE SPEED	FASTEST MILE	MINUTES	PERCENT OF TOTAL POSSIBLE	SUNRISE TO SUNSET	MIDNIGHT TO MIDNIGHT
01	25	12	19*	-12	6	46	0	1	0.00	0.0	30.090	30	9.6	10.4	16	32		0	0	01
02	37	8*	23	-8	14	42	0	T	0.00	0.0	30.250	14	3.2	6.6	14	16		7	4	02
03	47	30	39	8	32	26	0	T	0.27	0.0	29.940	16	4.5	6.6	12	16		9	7	03
04	47	28	38	7	32	27	0	2	0.03	0.0	29.660	33	4.5	5.4	9	31		9	7	04
05	38	27	33	1	27	32	0	1	0.04	T	29.500	29	7.9	9.5	16	29		10	7	05
06	37	23	30	-2	19	35	0	0	0.00	0.0	29.755	30	9.7	11.1	16	31		7	6	06
07	31	19	25	-7	10	40	0	0	0.00	0.0	30.060	31	16.9	17.1	23	31		1	3	07
08	32	15	24	-8	8	41	0	0	0.00	0.0	30.300	30	11.3	12.9	21	30		4	3	08
09	47	17	32	0	17	33	0	0	0.00	0.0	30.205	28	3.3	7.0	14	32		6	4	09
10	52	26	39	7	28	26	0	0	0.00	0.0	30.315	13	5.9	8.1	18	17		5	4	10
11	56	35	46	14	38	19	0	2	0.01	0.0	30.160	21	4.0	5.8	15	22		10	9	11
12	46	36	41	9	38	24	0	0	0.00	0.0	30.280	07	1.6	4.1	8	06		10	10	12
13	50	34	42	9	39	23	0	2	0.10	0.0	30.270	07	7.6	9.0	16	10		10	10	13
14	64	47	56	23	52	9	0	2	0.77	0.0	29.970	13	10.1	14.1	25	15		10	10	14
15	57	48	53	20	51	12	0	2	1.16	0.0	29.800	32	4.1	7.4	17	29		10	10	15
16	51	45	48	15	43	17	0	1	0.01	0.0	30.050	02	7.3	10.2	16	34		10	10	16
17	46	38	42	9	40	23	0	1	0.08	0.0	30.020	16	5.9	6.4	10	15		10	10	17
18	60	39	50	16	40	15	0	2	0.01	0.0	29.965	29	7.0	8.8	18	31		8	8	18
19	52	41	47	13	42	18	0	1	0	T	29.920	13	7.2	9.6	20	16		10	10	19
20	53	37	45	11	34	20	0	1	0.00	0.0	29.720	30	11.8	12.0	18	30		8	8	20
21	50	28	39	5	25	26	0	0	T	0.0	29.740	29	11.2	12.7	20	29		7	4	21
22	50	24	37	2	26	28	0	0	0.00	0.0	29.975	24	4.3	7.7	15	20		1	0	22
23	50	33	42	7	35	23	0	1	1.38	0.0	29.710	05	8.8	10.5	23	06		10	8	23
24	66*	45	56*	21	39	9	0	1	0.01	0.0	29.490	32	8.6	12.2	18	32		6	7	24
25	54	31	43	7	34	22	0	0	0.04	0.0	29.500	29	11.7	16.0	28	29		10	8	25
26	40	25	33	-3	17	32	0	0	0.00	0.0	30.020	31	13.6	13.9	22	31		2	1	26
27	37	24	31	-5	20	34	0	1	0.02	T	30.090	06	10.9	12.1	21	06		10	8	27
28	54	35	45	9	37	20	0	1	0	0.34	29.250	07	4.7	17.6	31	05		10	10	28
29	36	22	29	-7	15	36	0	0	0.00	0.0	29.420	29	18.8	19.7	25	28		9	9	29

* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE.
 T 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 CHANGES IN SUMMARY DATA WILL BE ANNOTATED IN THE ANNUAL PUBLICATION.

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

L. Roy Hoyt

ACTING DIRECTOR
NATIONAL CLIMATIC DATA CENTER

OBSERVATIONS AT 3-HOUR INTERVALS

FEB 1984 13781
WILMINGTON, DELAWARE

HOUR L.S.T.	SKY COVER (TENTHS)			VISI-BILITY		TEMPERATURE				WIND		WEATHER	SKY COVER (TENTHS)			VISI-BILITY		TEMPERATURE				WIND		WEATHER	SKY COVER (TENTHS)			VISI-BILITY		TEMPERATURE				WIND				
	01	04	07	10	16THS MILE	WHOLE MILES	AIR OF	WET BULB OF	DEW POINT OF	REL HUMIDITY %	DIRECTION		SPEED (KNOTS)	01	04	07	10	16THS MILE	WHOLE MILES	AIR OF	WET BULB OF	DEW POINT OF	REL HUMIDITY %		DIRECTION	SPEED (KNOTS)	01	04	07	10	16THS MILE	WHOLE MILES	AIR OF	WET BULB OF	DEW POINT OF	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)
FEB 19th												FEB 20th												FEB 21st														
01	6	UNL	10			41	39	37	86	35	5	10	85	4					44	44	43	96	00	0	0	UNL	10					35	32	27	73	30	9	
04	10	UNL	10			41	41	40	96	09	8	10	250	2	F				42	42	41	96	31	5	0	UNL	10					30	28	24	78	27	7	
07	10	250	8			43	41	39	86	12	4	4	UNL	8	F				47	42	35	63	30	15	6	UNL	7					32	30	26	79	22	5	
10	9	140	7			48	45	42	80	16	7	5	UNL	15					52	43	32	47	29	10	4	UNL	12					44	38	29	56	27	14	
13	9	110	7			51	47	42	72	16	17	10	48	15					50	42	31	48	28	13	10	48	15					46	38	25	44	29	17	
16	10	250	8			51	47	43	74	16	12	10	48	12					48	41	31	52	31	13	7	60	15					46	38	25	44	30	16	
19	10	110	7			49	47	44	83	13	8	1	UNL	10					43	38	30	60	30	12	3	UNL	15					40	34	24	53	32	10	
22	10	85	7			46	45	43	89	08	7	10	48	10					42	38	31	65	30	11	0	UNL	15					35	30	20	54	30	7	
FEB 22nd												FEB 23rd												FEB 24th														
01	0	UNL	12			32	28	20	61	30	7	0	UNL	8					36	34	31	82	18	4	10	8	4					46	45	44	93	02	12	
04	0	UNL	12			27	25	21	78	27	6	3	UNL	7					35	34	33	92	09	4	10	9	6	LF				47	45	43	86	35	14	
07	0	UNL	10			24	22	19	81	31	7	6	UNL	4	F				34	33	32	92	06	4	10	39	15					49	46	43	80	32	16	
10	1	UNL	15			40	34	24	53	29	7	10	110	4	FH				40	38	35	82	00	0	10	120	15					54	46	38	55	31	13	
13	0	UNL	15			47	38	24	41	26	6	10	85	4	H				45	40	33	63	06	10	3	UNL	15					63	50	35	35	32	12	
16	0	UNL	15			50	40	25	38	20	13	10	75	7					50	42	32	50	04	17	0	UNL	15					66	51	34	31	28	10	
19	0	UNL	15			41	38	33	73	18	7	10	17	5	R				45	42	38	77	05	19	4	UNL	10					54	46	36	51	22	9	
22	0	UNL	12			36	35	34	93	16	4	10	9	2	RF				45	44	43	93	35	12	4	UNL	10					50	44	37	61	17	4	
FEB 25th												FEB 26th												FEB 27th														
01	7	UNL	10			45	41	37	74	13	6	0	UNL	15					31	27	18	59	31	18	0	UNL	15					25	23	19	78	34	5	
04	10	250	10			46	42	38	74	09	5	0	UNL	15					27	24	16	63	29	14	0	UNL	15					25	23	17	72	01	9	
07	7	85	7			44	42	39	83	17	7	0	UNL	15					25	22	15	66	30	14	7	UNL	15					26	23	15	63	03	10	
10	9	60	8			52	48	44	74	28	13	8	UNL	15					33	28	16	50	31	18	10	220	10					31	27	17	56	06	9	
13	10	19	12		RW	44	41	38	80	29	19	0	UNL	15					38	31	19	46	30	15	10	85	10					33	28	17	52	10	5	
16	10	29	15			39	35	30	70	29	20	0	UNL	15					40	33	19	43	31	12	10	85	10					36	31	21	55	10	10	
19	10	34	15			38	34	29	70	30	19	0	UNL	15					33	28	18	54	30	7	10	36	7		S			34	29	20	57	08	15	
22	1	UNL	15			35	31	23	62	30	21	0	UNL	15					30	26	19	64	28	7	10	39	12					34	31	27	76	06	18	
FEB 28th												FEB 29th												FEB 30th														
01	10	7	3			RF	36	35	34	93	07	17	10	50	15				36	32	26	67	24	13														
04	10	5	2			RF	39	38	37	93	06	16	10	39	15				29	26	19	66	27	18														
07	10	6	3			RF	39	38	37	93	06	19	10	44	15				27	23	13	56	28	14														
10	10	6	4			RF	41	40	39	93	06	18	10	41	15				29	24	12	49	30	19														
13	10	3	1			LF	43	42	41	93	06	11	10	41	15				30	25	14	51	29	18														
16	9	32	9				51	46	41	69	22	13	9	44	15				32	26	14	47	30	21														
19	10	31	15				44	41	36	74	23	13	7	41	15				28	24	14	56	30	12														
22	10	41	15				38	36	32	79	25	12	8	55	15				25	22	13	60	31	10														
FEB 31st																																						

SUMMARY BY HOURS

HOUR L.S.T.	SKY COVER (TENTHS)	AVERAGES					RESULTANT WIND		
		STATION PRESSURE (INCHES)	TEMPERATURE			WIND SPEED (MPH)	DIRECTION	SPEED (MPH)	
			AIR TEMP OF	WET BULB OF	DEW POINT OF				
01	6	29.910	35	33	29	78	8.4	32	3.2
04	6	29.910	34	32	28	80	8.6	32	3.8
07	6	29.930	33	31	28	80	9.3	32	3.5
10	8	29.940	40	36	30	70	11.1	31	4.1
13	8	29.905	44	39	31	63	13.8	29	5.4
16	7	29.880	44	39	31	61	13.0	28	4.8
19	6	29.900	40	36	30	69	10.4	28	1.2
22	6	29.920	37	34	29	75	9.5	31	3.1

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

FEB 1984 13781
WILMINGTON, DELAWARE

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																								01		
02																									02	
03																									03	
04	0.02	T	0.01																						04	
05																									05	
06																									06	
07																									07	
08																									08	
09																									09	
10																									10	
11				T	T																				11	
12																									12	
13																									13	
14																									14	
15	0.21	0.36	0.10	0.02	T		0.01	0.02	0.14	0.11	0.01	0.07	0.06	0.01	T	0.01	0.05	0.06	T	0.01	0.01	0.02	0.22	0.38	15	
16	0.01																								16	
17																									17	
18	0.01	T					T			T	T												0.05	0.03	18	
19																									19	
20																									20	
21																									21	
22																									22	
23																									23	
24	0.01	T	T	T	T	T																			24	
25																									25	
26																									26	
27																									27	
28	0.03	0.05	0.08	0.05	T	T	0.04	0.02	0.02	0.01	0.01	0.01	T	T										0.02	28	
29																										29

MAXIMUM SHORT DURATION PRECIPITATION

TIME PERIOD (MINUTES)	5	10	15	20	30	45	60	80	100	120	150	180
PRECIPITATION (INCHES)	0.09	0.18	0.22	0.25	0.34	0.44	0.60	0.72	0.80	0.94	1.04	1.20
ENDED: DATE	23	23	23	23	23	23	23	23	23	23	23	23
ENDED: TIME	2115	2120	2125	2130	2135	2140	2200	2210	2220	2225	2225	2225

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
USCOMH - 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