

# LOCAL CLIMATOLOGICAL DATA

## Monthly Summary



NATIONAL WEATHER SERVICE OFC

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

DEC 1982  
 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 07AM 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	MIDNIGHT TO MIDNIGHT		
1	53	42	48	9	48	17	0	2	0	.42	0	30.15	12	2.5	5.0	9	16	10	10	1		
2	54	50	52	13	51	13	0	2	0	T	0	30.27	18	1.8	4.9	12	17	10	10	2		
3	56	49	53	15	51	12	0	2	0	T	0	30.25	17	7.3	7.5	14	20	10	10	3		
4	71	54	63*	25	60	2	0	2	0	T	0	29.97	22	9.6	11.1	18	24	8	8	4		
5	72*	49	61	23	57	4	0	2	0	0	0	29.91	18	6.7	8.5	16	17	9	7	5		
6	69	52	61	24	55	4	0	3	0	.10	0	29.83	25	8.9	12.4	20	20	10	10	6		
7	53	33	43	6	30	22	0	0	0	0	0	30.33	32	10.5	11.5	17	32	1	1	7		
8	52	30	41	5	33	24	0	0	0	0	0	30.49	18	7	8.2	12	19	0	0	8		
9	43	15	29	-7	22	36	0	1	0	T	0	30.33	34	9.8	13.5	29	35	4	2	9		
10	34	10	22	-14	14	43	0	0	0	T	0	30.30	26	2.2	7.5	12	22	8	7	10		
11	36	31	34	-2	33	31	0	1	4	8	0	29.97	34	2.6	5.9	17	36	10	10	11		
12	32	10	21	-14	17	44	0	1	3	.46	5.2	29.95	35	11.2	12.1	21	35	9	6	12		
13	25	9*	17*	-18	11	48	0	0	0	0	0	30.25	31	5.6	8.5	15	35	0	2	13		
14	39	10	25	-10	18	40	0	0	0	0	0	30.33	19	6.1	6.2	15	20	8	5	14		
15	48	19	34	0	31	31	0	1	2	.01	0	30.23	15	3.7	4.5	10	17	7	7	15		
16	60	41	51	17	46	14	0	1	0	.90	0	29.85	24	6.2	13.5	17	30	7	6	16		
17	42	25	34	0	25	31	0	0	0	0	0	30.01	35	12.5	12.9	20	35	7	5	17		
18	35	21	28	-6	15	37	0	0	0	0	0	30.15	03	9.7	11.1	16	36	1	1	18		
19	40	21	31	-3	27	34	0	1	0	.08	.6	29.90	06	6.1	7.8	13	12	9	9	19		
20	43	34	39	6	30	26	0	1	8	0	T	29.62	27	7.5	7.8	15	26	10	10	20		
21	49	34	42	9	25	23	0	0	0	0	0	29.83	28	14.5	15.2	25	31	6	6	21		
22	45	32	39	6	23	26	0	0	0	0	0	30.18	31	5.7	6.6	14	36	1	3	22		
23	45	34	40	7	34	25	0	0	8	.02	0	30.21	14	4.2	7.5	14	18	10	10	23		
24	62	37	50	17	42	15	0	1	8	0	0	30.23	27	8	5.8	14	25	2	5	24		
25	70	41	56	23	51	9	0	2	8	0	0	30.20	19	8.7	10.1	16	22	10	9	25		
26	65	44	55	22	49	10	0	0	0	.07	0	30.10	28	8.6	12.1	21	32	10	9	26		
27	45	42	44	12	34	21	0	1	8	.06	0	30.33	04	5.8	6.6	9	06	10	10	27		
28	67	45	56	24	51	9	0	2	0	T	0	29.94	19	10.1	10.8	21	19	10	10	28		
29	65	36	51	19	42	14	0	1	0	.21	0	29.85	29	8.8	10.2	18	32	10	9	29		
30	40	28	34	2	21	31	0	0	0	0	0	30.28	33	9.0	9.4	20	34	6	6	30		
31	43	31	37	5	27	28	0	0	0	0	0	30.25	03	3.3	5.9	13	08	8	5	31		
SUM	SUM	SUM	SUM	SUM	SUM	TOTAL	TOTAL	NUMBER OF DAYS		TOTAL	TOTAL	FOR THE MONTH:				TOTAL	%	SUM	SUM			
1553	1009					724	0			2.39	5.8	30	11	29	2.5	9.0	29	35	FOR	221	208	
AVG.	AVG.	AVG.	DEP.	AVG.	DEP.	AVG.	DEP.	PRECIPITATION		DEP.							DATE: 09	POSSIBLE	MONTH	AVG.	AVG.	
50.1	32.5	41.3	6.6	35	-215	0	0	> .01 INCH.		11	-0.93								7.1	6.7		
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.		1591		1009		THUNDERSTORMS		PRECIPITATION		SNOW, ICE PELLETS										
5 90°		2 32°		2 32°		2 0°		HEAVY FOG		7		.91 15-16		5.2		12		5 14+				
0		2		14		0		-213 17		CLEAR 6		PARTLY CLOUDY 6		CLOUDY 19								

\* 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 DATA.

DATA IN COLS 6 AND 12-15 ARE BASED ON 7 OR MORE OBSERVATIONS AT 3-HOUR 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 CENTER, ASHEVILLE, NORTH CAROLINA, 28801.

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ACTING DIRECTOR  
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HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

DEC 1982 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	
1										.03	.12	.08	.03	.01	.02	.03	.07	.01	.02	T	T	T	T	1	
2	T	T	T	T	T	T	T	T	T	T	T	T							T	T	T	T	2		
3	T	T	T	T	T	T	T	T	T	T	T	T							T	T	T	T	3		
4	T	T	T	T	T	T	T	T	T	T	T	T							T	T	T	T	4		
5																								5	
6		T	T	.04	.06	T	T																	6	
7																								7	
8																								8	
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11	T												.02	T	T									11	
12		.02	.03	.06	.07	.06	.06	.05	.05	.03	.03	T	T											12	
13																								13	
14																								14	
15																						.01	T	15	
16	T	T				.08	.07	.05	.47	.22	.01	T												16	
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26			.02	.04	T								.01											26	
27	T	T	T	T	T	T	T	T	T	T	T	T	.01	.01	.02	.02	T						T	27	
28																								28	
29			T										.04	.05	.03	.04	.05							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)	00.15	00.23	00.24	00.29	00.38	00.46	00.58	00.65	00.68	00.70	00.74	00.76
ENDED: DATE	16	16	16	16	16	16	16	16	16	16	16	16
ENDED: TIME	0850	0855	0900	0905	0920	0907	0920	0930	0930	0945	0945	0945

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.

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