

Local Climatological Data



MONTHLY SUMMARY

LATITUDE 39°40' N LONGITUDE 75°36' W ELEVATION (GROUND) 74 FT. STANDARD TIME USED: EASTERN WBAN #13781

AUG 1981 WILMINGTON, DELAWARE

DATE	TEMPERATURE °F			DEGREE DAYS BASE 65°		WEATHER TYPES ON DATES OF OCCURRENCE 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 IN.	PRECIPITATION		AVG. STATION PRESSURE IN.	WIND			SUNSHINE		SKY COVER TENTHS		DATE	
	MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	AVERAGE DEER POINT			HEATING (SEASON BEGINS WITH JULY)	COOLING (SEASON BEGINS WITH JAN.)		WATER EQUIVALENT IN	SNOW, ICE PELLETS IN.	RESULTANT DIR.	FASTEST M.P.H.	AVERAGE SPEED M.P.H.	MINUTES	PERCENT OF POSSIBLE		SUNRISE TO SUNSET
1	85	62	74	-2	60	0	9	0	0	30.22	17	2.7	6.2	15	16	1	1	1	
2	86	62	74	-2	60	0	9	0	0	30.03	24	6.3	7.1	16	24	3	2	2	
3	83	66	75	-1	67	0	10	1	.33	29.92	23	1.9	5.2	23	32	10	8	3	
4	88	69	79	3	69	0	14	23	0	29.91	28	5.8	6.2	12	23	7	7	4	
5	91*	67	79	4	67	0	14	1	0	29.85	29	11.1	12.4	21	32	6	6	5	
6	80	65	73	-2	62	0	8	0	0	29.83	27	8.2	9.9	18	24	9	7	6	
7	85	61	73	-2	62	0	8	1	T	29.72	19	2.7	6.2	12	18	5	5	7	
8	77	69	73	-2	69	0	8	1	2.05	29.71	08	2.9	6.8	15	18	10	10	8	
9	89	69	79	4	68	0	14	1	0	29.89	24	3.6	5.9	17	25	4	4	9	
10	90	70	80	5	66	0	15	1	T	30.04	25	3.0	5.6	12	24	1	1	10	
11	90	73	82*	7	71	0	17	23	.02	29.96	19	5.0	5.9	20	29	8	8	11	
12	77	69	73	-2	68	0	8	1	.06	29.92	28	2.8	5.9	8	16	10	10	12	
13	83	64	74	-1	64	0	9	2	0	29.99	29	6.9	7.6	15	29	6	6	13	
14	87	65	76	2	67	0	11	1	0	30.00	26	4.4	5.5	10	26	4	4	14	
15	88	71	80	6	68	0	15	3	.90	29.84	21	9.3	9.6	18	23	9	9	15	
16	86	64	75	1	64	0	10	1	0	29.69	30	9.0	10.4	15	30	2	2	16	
17	78	55	67	-7	49	0	2	0	0	29.89	32	10.8	11.4	20	31	3	3	17	
18	80	53*	67	-7	48	0	2	0	0	30.01	32	5.2	6.8	9	04	8	8	18	
19	80	55	68	-6	54	0	3	0	0	30.05	09	4.6	7.6	15	12	8	8	19	
20	79	60	70	-4	51	0	5	0	0	29.99	06	14.7	15.1	23	04	1	1	20	
21	81	55	68	-6	50	0	3	0	0	30.12	03	4.5	8.3	14	18	6	6	21	
22	71	61	66*	-7	55	0	1	0	0	30.14	07	4.5	7.2	12	08	10	10	22	
23	81	63	72	-1	54	0	7	0	0	29.96	32	4.9	7.5	13	28	0	0	23	
24	86	61	74	1	59	0	9	0	.01	29.90	30	6.8	8.6	15	31	3	3	24	
25	80	59	70	-3	57	0	5	0	0	30.03	02	3.7	7.6	13	06	4	4	25	
26	78	63	71	-2	60	0	6	0	0	30.08	18	5.8	7.8	15	16	7	7	26	
27	84	60	72	-1	61	0	7	1	0	30.00	21	7.1	8.5	15	22	5	5	27	
28	86	66	76	4	65	0	11	1	.01	30.11	11	5.1	6.5	14	10	4	4	28	
29	82	67	75	3	65	0	10	1	0	30.16	13	7.9	8.9	15	17	8	8	29	
30	81	69	75	3	67	0	10	1	T	30.05	14	8.9	10.4	16	17	10	10	30	
31	80	70	75	3	65	0	10	1	0	29.99	09	8.1	8.3	14	07	10	10	31	
SUM	SUM	SUM	SUM	SUM	SUM	SUM	SUM	SUM	SUM	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL
2572	1983				0	270				3.38	0	29.97	26	1.1	8.0	23	04		
AVG	AVG	AVG	DEP	AVG	DEP	DEP				PRECIPITATION	DEP				DATE: 20*	POSSIBLE	MONTH	AVG	AVG
83.0	64.0	73.5	-0.6	62	0	-12				>.01 INCH	-0.60							5.7	5.5
NUMBER OF DAYS		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL	
MAXIMUM TEMP.		MINIMUM TEMP.		DEP.		DEP.		DEP.		DEP.		DEP.		DEP.		DEP.		DEP.	
3		0		0		0		89		CLEAR 9		PARTLY CLOUDY 11		CLOUDY 11					

* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE.
 † TRACE AMOUNT
 ‡ ALSO ON AN EARLIER DATE, OR DATES.
 HEAVY FOG: - VISIBILITY 1/4 MILE OR LESS.
 FIGURES FOR WIND DIRECTIONS ARE TENS OF DEGREES CLOCKWISE FROM TRUE NORTH. 00 = CALM.
 DATA IN COLS. 6 AND 12-15 ARE BASED ON 7 DR

MORE OBSERVATIONS PER DAY AT 3-HOUR INTERVALS. FASTEST MILE WIND SPEEDS ARE FASTEST OBSERVED ONE-MINUTE VALUES WHEN DIRECTIONS ARE IN TENS OF DEGREES, THE / WITH THE DIRECTION INDICATES PEAK GUST SPEED.
 ANY ERRORS DETECTED WILL BE CORRECTED AND CHANGES IN SUMMARY DATA WILL BE ANNOTATED IN THE ANNUAL SUMMARY

SUMMARY BY HOURS

HOUR LOCAL TIME	SKY COVER TENTHS	STATION PRESSURE IN.	TEMPERATURE			RELATIVE HUMIDITY %	WIND SPEED M.P.H.	DIRECTION	SPEED M.P.H.
			AIR °F	WET BULB °F	DUWB °F				
01	5	29.97	69	64	61	79	5.5	26	1.3
04	5	29.96	66	63	61	83	5.5	33	2.5
07	5	29.99	69	65	62	79	7.0	31	2.6
10	5	30.00	77	68	63	63	7.9	35	1.6
13	7	29.96	81	69	62	55	10.9	26	1.6
16	6	29.94	81	69	61	53	11.8	22	2.7
19	6	29.94	75	67	62	64	8.4	19	3.1
22	5	29.97	71	65	61	73	6.7	20	1.0

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

HOUR	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																									1	
2																									2	
3																									3	
4																									4	
5																									5	
6																									6	
7																									7	
8	T	T	T	.05	.13	.35	.71	.22	.15	.01	.01	.28	.14		T									T	8	
9																										9
10		T	T																							10
11																										11
12																										12
13																										13
14																										14
15																										15
16																										16
17																										17
18																										18
19																										19
20																										20
21																										21
22																										22
23																										23
24																										24
25																										25
26																										26
27																										27
28																										28
29																										29
30																										30
31																										31

SUBSCRIPTION PRICE: \$3.30 PER YEAR INCLUDING ANNUAL SUMMARY. FOREIGN MAILING \$1.95 EXTRA. SINGLE COPY: 25 CENTS FOR MONTHLY ISSUE, 30 CENTS FOR ANNUAL SUMMARY. THERE IS A MINIMUM CHARGE OF \$3.00 FOR EACH ORDER OF SHELF-STOCKED ISSUES OF PUBLICATIONS. MAKE CHECKS PAYABLE TO DEPARTMENT OF COMMERCE, NOAA. SEND PAYMENTS, ORDERS, AND INQUIRIES TO NATIONAL CLIMATIC CENTER, FEDERAL BUILDING, ASHEVILLE, NORTH CAROLINA 28801.

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.

noaa NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL DATA AND INFORMATION SERVICE

Daniel B. Mitchell
 DIRECTOR, NATIONAL CLIMATIC CENTER

