

# Local Climatological Data



## MONTHLY SUMMARY

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

APRIL 1981 WILMINGTON, DELAWARE

DATE	TEMPERATURE °F			DEPARTURE FROM NORMAL	AVERAGE DEW POINT	DEGREE DAYS BASE 65°		WEATHER TYPES ON DATES OF OCCURRENCE	SNOW, ICE PELLETS OR ICE ON GROUND AT 07AM	PRECIPITATION		AVG. STATION PRES-SURE IN. ELEV. FEET M.S.L.	WIND			SUNSHINE		SKY COVER TENTHS		DATE			
	MAXIMUM	MINIMUM	AVERAGE			HEATING (SEASON BEGINS WITH JAN. 1)	COOLING (SEASON BEGINS WITH JAN. 1)			WATER EQUIVALENT IN.	SNOW, ICE PELLETS IN.		RESULTANT DIR.	RESULTANT SPEED M.P.H.	AVERAGE SPEED M.P.H.	FASTEST MILE DIRECTION	MINUTES	PERCENT OF POSSIBLE	SUNRISE TO SUNSET		MIDNIGHT TO MIDNIGHT		
1	65	47	56	9	48	9	0	1 3 8	0	.61	0	29.83	18	3.6	10.8	18	28	10	8	22			
2	68	48	58	10	35	7	0		0	0	0	29.85	30	15.1	16.3	29	32	6	6	2			
3	80	39	60	12	39	5	0		0	0	0	29.99	18	8.3	9.1	18	16	6	6	3			
4	76	59	68	20	50	0	3		0	0	0	29.96	19	17.1	18.0	26	20	10	10	4			
5	70	54	62	13	57	3	0	1	0	.52	0	29.80	20	14.6	16.5	24	21	10	10	5			
6	54	39	47	-2	27	18	0		0	0	0	29.99	30	16.4	17.4	25	31	7	6	6			
7	61	32	47	-2	24	18	0		0	0	0	30.28	25	4.1	6.3	14	16	1	1	7			
8	71	42	57	7	40	8	0		0	0	0	30.18	19	10.3	10.6	17	21	1	1	2			
9	70	51	61	11	50	4	0	1	0	.09	0	30.00	22	8.7	11.9	20	22	9	9	8			
10	66	39	53	3	33	12	0		0	0	0	30.26	24	4.6	6.1	14	17	3	3	10			
11	73	48	61	10	50	4	0	0	0	.09	0	30.00	20	9.5	10.5	16	23	9	9	11			
12	62	45	54	3	48	11	0	1	0	.36	0	30.02	07	7.8	11.1	18	08	10	10	12			
13	54	41	48	-3	34	17	0		0	.03	0	30.36	08	12.1	12.9	21	09	10	10	13			
14	61	42	52	0	44	13	0	1	0	.80	0	30.16	21	2.4	12.4	20	30	10	9	14			
15	54	37	46	-4	25	17	0		0	0	0	30.43	32	14.8	15.1	21	31	0	0	1			
16	64	32	48	-4	32	17	0		0	0	0	30.40	24	7.1	9.4	18	24	2	2	15			
17	64	50	57	4	48	8	0		0	T	0	30.00	26	9.6	9.8	18	26	10	9	17			
18	79	56	68	15	46	0	3	1	0	0	0	29.83	29	13.8	15.1	26	31	3	3	18			
19	64	41	53	-1	33	12	0		0	0	0	30.02	32	6.4	9.4	15	01	9	8	19			
20	59	38	49	-5	34	16	0	1	0	.08	0	29.88	32	9.4	12.5	23	32	7	7	20			
21	53	32*	43*	-11	18	22	0		0	0	0	30.15	32	10.5	11.9	18	01	4	3	21			
22	62	33	48	-7	34	17	0		0	0	0	30.07	16	5.7	8.8	16	17	8	8	22			
23	70	50	60	5	53	5	0	1	8	.51	0	29.62	14	2.1	6.8	14	20	10	10	23			
24	69	49	59	4	46	6	0	1	0	.04	0	29.31	28	12.4	14.2	23	31	7	7	24			
25	52	44	48	-8	31	17	0		0	0	0	29.63	31	18.1	18.3	23	32	9	9	25			
26	60	36	48	-8	34	17	0		0	0	0	29.92	30	10.5	11.7	17	31	4	4	26			
27	72	50	61	5	42	4	0		0	0	0	29.89	28	2.5	6.3	14	29	3	3	27			
28	76	50	63	6	51	2	0	1 3	8	.38	0	29.84	21	6.1	7.9	15	23	5	5	28			
29	80*	56	68*	11	58	0	3	2	8	.03	0	29.59	26	5.3	8.6	14	27	8	8	29			
30	63	50	57	0	43	8	0		0	0	0	29.74	29	6.3	8.1	15	30	10	10	30			
SUM	1972	1330	1330	299	299	9	9	9	9	3.54	0	29.97	27	4.6	11.6	29	32	TOTAL	%	SUM	SUM		
AVG.	65.7	44.3	55.0	2.7	40	-82	9	9	9	0.34	0							DATE: 02	POSSIBLE	MONTH	AVG.	AVG.	
NUMBER OF DAYS		SEASON TO DATE		SNOW, ICE PELLETS		GREATEST IN 24 HOURS AND DATES		GREATEST DEPTH ON GROUND OF SNOW, ICE PELLETS OR ICE AND DATE															
MAXIMUM TEMP		MINIMUM TEMP		5008		THUNDERSTORMS		PRECIPITATION		SNOW, ICE PELLETS													
0		3		0		196		9		CLEAR 8		PARTLY CLOUDY 7		CLOUDY 15									

\* 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	LOCAL SKY COVER TENTHS	AVERAGES						RESULTANT WIND SPEED M.P.H.	
		STATION PRESSURE IN.	TEMPERATURE AIR °F	WET BULB °F	DEW PT. °F	RELATIVE HUMIDITY %	MIND SPEED M.P.H.		
01	6	29.98	51	45	39	65	9.2	28	2.9
04	6	29.98	48	44	39	71	9.2	28	2.7
07	6	30.00	51	46	40	69	9.4	29	2.8
10	6	29.99	59	50	41	55	13.5	27	5.9
13	7	29.96	62	52	41	49	15.4	26	6.5
16	7	29.92	63	52	41	47	15.6	25	7.9
19	7	29.93	57	50	41	57	11.2	26	4.5
22	6	29.96	53	47	40	63	9.1	26	3.5

### HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

DATE	A. M. HOUR ENDING AT												P. M. HOUR ENDING AT											
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
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