

OCTOBER 1977
 WILMINGTON, DELAWARE
 NATIONAL WEATHER SERVICE OFC
 GREATER WILMINGTON AIRPORT

Local Climatological Data



MONTHLY SUMMARY

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

OCTOBER 1977 WILMINGTON, DELAWARE

DATE	TEMPERATURE °F					DEGREE DAYS BASE 65°		WEATHER TYPES ON DATES OF OCCURRENCE	SNOW-ICE PELLETS OR ICE ON GROUND AT 07AM IN.	PRECIPITATION		AVG. STATION PRESSURE IN. ELEV. FEET M.S.L.	WIND				SUNSHINE		SKY COVER TENTHS		DATE
	MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	AVERAGE DEW POINT	HEATING (SEASON BEGINS WITH JULY)	COOLING (SEASON BEGINS WITH JAN.)			WATER EQUIVALENT	SNOW-ICE PELLETS		RESULTANT DIR.	RESULTANT SPEED M.P.H.	AVERAGE SPEED M.P.H.	FASTEST MILE	MINUTES	PERCENT OF POSSIBLE	SUNRISE TO SUNSET	MIDNIGHT TO MIDNIGHT	
1	70	58	64	1	59	1	0	1	8	0	0	29.74	18	8.8	10.2	18	17	10	9		
2	76%	54	65%	3	58	0	0	1	0	0	0	29.62	29	8.6	10.4	21	31	8	6		
3	60	46	53	-9	40	12	0	0	0	0	0	29.75	31	12.6	13.1	21	31	7	5		
4	68	43	56	-6	40	9	0	0	0	0	0	29.92	30	8.9	9.4	18	31	4	2		
5	67	43	55	-6	42	10	0	0	0	0	0	30.08	27	7.3	7.9	14	26	6	4		
6	64	47	56	-5	48	9	0	0	8	0	0	30.08	28	4.8	5.6	10	28	9	6		
7	63	40	52	-9	37	13	0	0	0	0	0	30.20	35	5.7	6.5	9	36	5	5		
8	59	45	52	-8	44	13	0	1	0	0	0	30.10	13	5.7	8.2	16	14	10	10		
9	69	45	57	-3	53	8	0	1	0	0	1.20	29.69	23	6.1	11.8	17	30	9	7		
10	60	40	50	-8	40	15	0	0	0	0	0	29.93	30	6.7	7.2	15	31	6	5		
11	63	41	52	-7	45	13	0	1	8	0	0	29.99	17	6.4	7.6	18	18	4	4		
12	60	47	54	-5	38	11	0	1	8	0	0	29.95	31	8.9	9.6	18	31	6	6		
13	56	46	51	-7	36	14	0	0	0	0	0	30.05	36	10.6	11.5	17	04	9	10		
14	51	44	48	-10	40	17	0	1	0	0	.62	29.70	36	15.5	16.8	25	34	10	10		
15	63	41	53	-4	39	13	0	0	0	0	.12	29.71	28	11.3	12.7	21	27	9	9		
16	65	41	53	-4	47	12	0	0	3 5 8	0	0	29.52	22	5.0	6.8	21	31	9	9		
17	52	37	45%	-12	33	20	0	0	0	0	.10	29.53	28	10.2	10.7	30	29	7	6		
18	62	34%	48	-8	32	17	0	0	0	0	0	29.80	21	8.4	8.2	15	25	5	5		
19	60	46	53	-3	44	12	0	1	0	0	.01	29.70	30	3.5	7.2	13	28	7	8		
20	61	45	53	-3	40	12	0	0	0	0	0	29.85	31	14.1	14.2	22	32	7	6		
21	64	40	52	-3	39	13	0	0	0	0	0	30.12	28	7.1	7.6	13	31	5	3		
22	70	37	54	-1	44	11	0	1	8	0	0	30.10	29	4.1	6.3	12	02	0	2		
23	59	41	50	-5	32	15	0	0	0	0	0	30.34	04	4.3	7.2	16	06	5	9		
24	58	38	48	-6	38	17	0	0	0	0	0	30.43	16	1.4	5.9	10	17	5	4		
25	63	42	53	-1	41	12	0	1	8	0	0	30.30	18	3.0	4.0	12	18	6	6		
26	63	50	57	4	54	8	0	1	0	0	.24	29.97	06	7.5	7.6	17	06	10	10		
27	67	60	64	11	60	1	0	1	0	0	.57	29.83	04	9.2	10.4	18	06	10	10		
28	71	56	64	11	53	1	0	2	0	0	0	29.80	35	8.1	8.8	14	35	4	6		
29	63	43	53	1	39	12	0	0	0	0	0	30.07	04	10.8	11.7	18	06	3	3		
30	61	39	50	-2	32	15	0	0	0	0	0	30.18	03	6.7	8.2	14	03	0	0		
31	59	35	48	-4	35	17	0	0	0	0	0	30.34	08	7.8	9.2	15	08	8	5		
SUM		SUM		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL	
1947		1364		353		0		3.58		0		29.95		31		3.6		9.5		30	
AVG.		AVG.		AVG.		AVG.		AVG.		AVG.		AVG.		AVG.		AVG.		AVG.		AVG.	
62.8		44.0		53.4		-3.8		43		99		-12		.01 INCH		11		0.98		DATE: 17	
NUMBER OF DAYS		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL	
5		90		32		0		1		1		1		1		1		1		1	
3		99		123		CLEAR		4		PARTLY CLOUDY		16		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 OR 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	AVERAGES					RESULTANT WIND		
		STATION PRESSURE IN.	TEMPERATURE	RELATIVE HUMIDITY %	WIND SPEED M.P.H.	DIRECTION	SPEED M.P.H.		
01	6	29.95	49	46	42	78	7.2	32	3.4
04	5	29.94	48	45	42	78	7.7	31	3.7
07	6	29.97	48	45	42	80	7.9	31	3.3
10	6	29.98	58	50	44	65	11.5	35	3.7
13	7	29.94	61	52	44	56	13.1	31	4.2
16	7	29.92	61	52	43	54	11.6	31	4.0
19	6	29.95	54	49	42	65	9.4	30	3.8
22	6	29.97	51	47	42	72	7.5	31	3.7

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

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																								1	
2																								2	
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