

LOCAL CLIMATOLOGICAL DATA

Monthly Summary



GREATER WILMINGTON AIRPORT

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

MAY 1985
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 0700 INCHES	PRECIPITATION		AVERAGE STATION PRESSURE IN INCHES ELEV. 80 FEET ABOVE M.S.L.	WIND (M.P.H.)			SUNSHINE MINUTES	SKY COVER (TENTHS)		DATE			
	MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	AVERAGE DEW POINT			HEATING (SEASON BEGINS WITH JUL)	COOLING (SEASON BEGINS WITH JAN)		WATER EQUIVALENT (INCHES)	SNOW, ICE PELLETS (INCHES)	RESULTANT DIR.		RESULTANT SPEED	FASTEST MILE		PERCENT OF TOTAL POSSIBLE	SUNRISE TO SUNSET	MIDNIGHT TO MIDNIGHT
01	87	55	71	14	51	0	6	0	0.00	0.0	29.870	24	1.1	8.4	15	01	8	8	01	
02	67	48	58	0	44	7	0	1	1.14	0.0	29.940	07	16.6	16.9	23	08	10	10	02	
03	60	44	52*	-6	43	13	0	1	1.08	0.0	29.850	03	12.9	14.0	24	03	7	6	03	
04	70	37*	54	-4	34	11	0	0	0.00	0.0	30.020	27	5.9	7.4	14	29	1	2	04	
05	80	51	66	7	49	0	1	0	0.00	0.0	29.900	23	10.2	10.5	17	24	6	7	05	
06	80	59	70	11	57	0	5	8	0.01	0.0	29.760	25	7.6	8.2	15	26	10	8	06	
07	70	52	61	2	46	4	0	0	0.00	0.0	29.780	31	12.2	12.7	20	32	9	8	07	
08	70	47	59	-1	38	6	0	0	0.00	0.0	30.030	33	5.9	9.7	20	33	0	0	08	
09	73	46	60	0	45	5	0	0	0.00	0.0	30.185	16	6.4	10.9	16	17	1	1	09	
10	82	55	69	9	58	0	4	0	0.00	0.0	30.030	22	9.1	9.8	16	26	1	1	10	
11	87	64	76	15	64	0	11	1	0.00	0.0	29.940	19	6.2	7.4	15	17	3	3	11	
12	82	65	74	13	65	0	9	8	0.07	0.0	29.920	19	8.8	9.7	16	17	8	9	12	
13	86	65	76*	15	65	0	11	2	0.0	0.0	29.840	23	6.9	7.6	12	21	7	7	13	
14	86	58	72	10	56	0	7	1	0.00	0.0	29.900	01	3.9	8.7	17	10	9	7	14	
15	69	52	61	-1	49	4	0	0	0.00	0.0	30.090	13	8.6	11.9	16	16	9	9	15	
16	75	55	65	3	57	0	0	1	0.0	0.0	29.760	14	6.3	8.3	16	16	10	10	16	
17	66	60	63	0	59	2	0	1	2.39	0.0	29.340	03	4.4	7.1	12	10	10	9	17	
18	70	52	61	-2	46	4	0	1	0.02	0.0	29.410	31	14.0	14.9	25	32	6	7	18	
19	72	48	60	-3	44	5	0	0	0.00	0.0	29.780	27	8.7	11.6	20	31	1	1	19	
20	86	54	70	7	57	0	5	8	0.00	0.0	29.900	21	8.2	9.1	18	24	0	0	20	
21	83	65	74	10	63	0	9	1	0.09	0.0	29.850	22	6.7	9.2	16	32	8	8	21	
22	75	60	68	4	51	0	3	1	0.0	0.0	29.910	35	5.6	7.4	13	36	9	9	22	
23	65	55	60	-4	54	5	0	1	0.43	0.0	29.870	07	5.1	7.3	14	08	10	10	23	
24	74	54	64	-1	52	1	0	8	0.00	0.0	29.810	06	4.6	7.2	13	07	10	10	24	
25	84	54	69	4	53	0	4	0	0.00	0.0	29.700	35	2.8	6.9	13	01	4	4	25	
26	87	58	73	8	57	0	8	0	0.00	0.0	29.730	26	6.3	7.7	15	27	1	2	26	
27	88*	62	75	9	60	0	10	8	0.00	0.0	29.710	23	7.4	8.0	17	24	4	5	27	
28	84	62	73	7	63	0	8	1	0.29	0.0	29.660	34	3.6	7.0	17	01	10	10	28	
29	70	56	63	-3	53	2	0	0	0.00	0.0	29.890	06	5.9	9.5	17	07	9	8	29	
30	72	50	61	-6	50	4	0	1	0.00	0.0	29.950	17	9.0	10.0	18	16	4	5	30	
31	78	62	70	3	63	0	5	8	0.0	0.0	29.700	19	10.0	10.5	16	21	10	10	31	
SUM	SUM	SUM			TOTAL	TOTAL		NUMBER OF DAYS	TOTAL	TOTAL	FOR THE MONTH:			TOTAL	%	SUM	SUM			
2378	1705				73	106		5	5.52	0.0	29.840	24	1.5	9.5	25	32		FOR	195	194
AVG.	AVG.	AVG.	DEP.	AVG.	DEP.	DEP.		PRECIPITATION	DEP.						DATE: 18	POSSIBLE	MONTH	AVG.	AVG.	
76.7	55.0	65.9	3.7	53.1	-57	63		> .01 INCH.	2.29									6.3	6.3	
NUMBER OF DAYS						SEASON TO DATE		SNOW, ICE PELLETS > 1.0 INCH		GREATEST IN 24 HOURS AND DATES			GREATEST DEPTH ON GROUND OF SNOW, ICE PELLETS OR ICE AND DATE							
MAXIMUM TEMP.		MINIMUM TEMP.		4397		157		THUNDERSTORMS		PRECIPITATION		SNOW, ICE PELLETS		0						
> 90°	< 32°	< 32°	< 0°					3		2.41		17-18		0.0						
0	0	0	0					CLEAR 8		PARTLY CLOUDY 7		CLOUDY 16								

* 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 NOTED IN SUBSEQUENT PUBLICATIONS.

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NATIONAL CLIMATIC DATA CENTER

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

MAY 1985
WILMINGTON, DELAWARE 13781

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	0.10	0.20	0.20	0.15	0.24	0.08	0.04	0.05	0.02	T						0.04	0.10	0.09	0.10	0.14	0.20	0.27	0.20	03	
04																									04
05																									05
06																									06
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14																									14
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16																									16
17																									17
18	0.01		T	T	T	0.01	T		0.47	0.33	0.06	0.15	0.34	0.76	0.13	0.05	T		T	T	0.06	0.02	0.02	18	
19																									19
20																									20
21																									21
22			T																						22
23					T	T	0.01	0.01	0.03	0.05	0.10	0.09	0.08	T	T	0.05	T	0.01							23
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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)	0.17	0.31	0.39	0.50	0.61	0.72	0.84	0.93	0.98	1.10	1.13	1.25
ENDED: DATE	17	17	17	17	17	17	17	17	17	17	17	17
ENDED: TIME	1322	0858	0903	0908	0910	1325	1339	1343	1343	1343	1343	1343

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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