

MAY 1988  
 WILMINGTON, DE  
 NAT'L WEA SER OFC  
 AIRPORT TERMINAL BLDG

ISSN 0198-117X



# LOCAL CLIMATOLOGICAL DATA

## Monthly Summary

GREATER WILMINGTON AIRPORT

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

MAY 1988  
WILMINGTON, DE

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		SKY COVER (TENTHS)						
	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	AVERAGE SPEED	PEAK GUST	FASTEST 1-MIN	MINUTES	PERCENT OF TOTAL POSSIBLE	SUNRISE TO SUNSET	MIDNIGHT TO MIDNIGHT					
01	66	43	55	-2	40	10	0		0	0.00	0.0	29.930	35	4.2	7.9	23	NW	15	32			6	6			
02	61	42	52	-6	40	13	0		0	0.00	0.0	30.000	04	5.5	8.6	26	NW	15	06			9	7			
03	62	42*	52*	-6	44	13	0	1		0.00	0.0	30.040	20	5.2	6.6	18	SE	13	16			9	9			
04	58	50	54	-4	49	11	0	1	8	0.09	0.0	29.990	12	4.3	6.5	14	NE	12	10			10	10			
05	64	53	59	0	56	6	0	1		0.75	0.0	29.860	09	9.3	11.0	26	NE	18	07			10	10			
06	59	55	57	-2	54	8	0	1		0.49	0.0	29.700	04	14.7	15.9	33	NE	21	06			10	10			
07	80	53	67	8	50	0	2			T	0.0	29.840	02	4.9	11.4	28	N	18	17			3	4			
08	66	45	56	-4	41	9	0			0.00	0.0	30.130	16	7.4	9.7	26	S	20	17			3	2			
09	66	45	56	-4	42	9	0			0.02	0.0	30.030	16	9.2	10.5	25	S	17	20			9	8			
10	75	51	63	3	55	2	0	1	3	8	0	29.810	13	1.8	7.9	25	N	16	30			6	7			
11	75	57	66	5	56	0	1	1	3	8	0	29.890	31	3.1	6.2	26	NW	14	34			8	9			
12	72	48	60	-1	46	5	0			0.00	0.0	30.120	16	3.5	8.1	18	S	13	18			1	2			
13	80	54	67	6	57	0	2	1	8	0	0.00	0.0	30.010	20	8.5	10.6	28	SW	17	22			6	5		
14	70	56	63	1	51	2	0			0.00	0.0	29.995	07	5.5	9.0	18	SE	14	05			7	6			
15	72	50	61	-1	53	4	0	1	8	0	0.00	0.0	29.950	15	6.3	9.2	23	S	20	17			4	4		
16	73	56	65	3	58	0	0	1	8	0	T	0.0	29.745	15	6.7	7.7	17	S	15	17			9	9		
17	73	61	67	4	61	0	2	1	8	0	0.21	0.0	29.760	11	4.9	7.2	17	NE	14	08			9	9		
18	65	58	62	-1	59	3	0	1	8	0	1.10	0.0	29.800	08	12.7	13.1	24	NE	17	06			10	10		
19	62	57	60	-3	58	5	0	1	3	0	1.11	0.0	29.850	08	8.8	9.5	24	E	16	06			10	10		
20	66	59	63	0	58	2	0	1	8	0	0.04	0.0	29.910	16	4.0	5.2	13	S	9	11			10	10		
21	75	58	67	3	60	0	2	1	8	0	T	0.0	29.920	15	3.4	5.2	13	S	8	17			8	9		
22	79	59	69	5	61	0	4	1	8	0	0.00	0.0	29.900	19	2.3	4.3	20	SE	12	16			6	5		
23	83	60	72	8	65	0	7	1	3	8	0	0.22	0.0	29.780	16	4.4	5.8	33	NW	23	29			7	7	
24	82	63	73	8	63	0	8	1	3	8	0	0.50	0.0	29.680	23	5.5	8.0	37	W	14	26			7	7	
25	65	49	57	-8	49	8	0	1	8	0	0.06	0.0	29.740	33	11.3	12.1	30	NW	20	33			9	7		
26	68	46	57	-8	41	8	0			0.00	0.0	30.030	31	8.1	9.7	30	NW	14	31			1	1			
27	76	48	62	-4	49	3	0			0.00	0.0	30.100	23	5.6	6.9	18	SW	13	27			4	4			
28	78	55	67	1	53	0	2			0.00	0.0	29.990	19	4.8	6.4	18	S	14	17			9	8			
29	88	56	72	6	55	0	7			0.00	0.0	29.900	32	2.0	4.2	13	NE	8	32			0	1			
30	90	62	76	9	58	0	11			0.00	0.0	29.930	27	4.1	5.1	15	W	9	29			1	1			
31	91*	66	79*	12	59	0	14			0.00	0.0	29.850	31	9.5	9.9	29	NW	18	33			4	4			
SUM	SUM					TOTAL	TOTAL			TOTAL	TOTAL			FOR THE MONTH:					TOTAL	%	SUM	SUM				
2240	1657					121	62			4.95	0.0	29.910	12	1.2	8.4	37	W	23	29			205	201			
AVG.	AVG.	AVG.	DEP.	AVG.	DEP.					DEP.							DATE: 24	DATE: 23	POSSIBLE	MONTH	AVG.	AVG.				
72.3	53.5	62.9	0.7	52.8	-9		19			1.72												6.6	6.5			
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.		496.7		62		THUNDERSTORMS		5		PRECIPITATION		SNOW, ICE PELLETS												
≥ 90°		≤ 32°		≤ 32°		≤ 0°		DEP.		DEP.		HEAVY FOG		0		1.68		18-19		0.0						
2		0		0		0		-13		19		CLEAR		6		PARTLY CLOUDY		10		CLOUDY		15				

\* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE.  
 † 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. COLS 16 & 17: PEAK GUST - HIGHEST INSTANTANEOUS WIND SPEED. ONE OF TWO WIND SPEEDS IS GIVEN UNDER COLS 18 & 19: 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). ERRORS WILL BE CORRECTED IN SUBSEQUENT PUBLICATIONS.

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 DATA CENTER

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NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NATIONAL ENVIRONMENTAL SATELLITE, DATA AND INFORMATION SERVICE

NATIONAL CLIMATIC DATA CENTER ASHEVILLE NORTH CAROLINA

*Kenneth D. Walden*  
 DIRECTOR NATIONAL CLIMATIC DATA CENTER

# OBSERVATIONS AT 3-HOUR INTERVALS

MAY 1988  
WILMINGTON, DE

13781

HOUR	L.S.T.	VISI-BILITY				TEMPERATURE				WIND				VISI-BILITY				TEMPERATURE				WIND																															
		SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	WHOLE MILES	16THS MILE	AIR OF	WET BULB OF	DEW POINT OF	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)	SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	WHOLE MILES	16THS MILE	AIR OF	WET BULB OF	DEW POINT OF	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)	SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	WHOLE MILES	16THS MILE	AIR OF	WET BULB OF	DEW POINT OF	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)																						
MAY 1st																		MAY 2nd																		MAY 3rd																	
01	7	75	10			48	45	41	77	00	0	4	UNL	10			46	44	41	83	31	4	10	44	8			46	45	44	93	24	5																				
04	3	UNL	10			46	43	39	77	28	6	1	UNL	10			43	42	40	89	33	4	10	20	7			46	45	43	89	24	5																				
07	7	75	7			49	46	42	77	28	6	10	60	10			51	45	39	64	04	9	9	50	5	F	46	45	43	89	23	6																					
10	1	UNL	10			59	50	40	50	31	9	8	70	12			57	52	47	69	07	11	8	75	8		54	48	42	64	24	7																					
13	10	70	12			62	51	39	43	32	13	10	48	12			57	47	36	46	02	13	8	36	8		58	50	42	56	15	8																					
16	6	70	12			65	51	37	36	34	10	9	50	12			60	49	36	41	01	7	10	75	9		59	52	45	60	00	0																					
19	9	70	12			61	50	38	43	04	6	9	75	12			53	46	39	59	12	8	10	75	8		55	50	46	72	18	7																					
22	5	UNL	12			53	48	42	66	10	7	5	UNL	12			50	47	44	80	14	6	10	70	7		54	50	46	75	18	8																					
MAY 4th																		MAY 5th																		MAY 6th																	
01	10	55	7		R	51	49	47	86	21	6	10	5	4		RF	53	53	52	96	10	6	10	7	4		RF	56	55	54	93	05	15																				
04	10	44	7			51	49	46	83	16	4	10	2	1	8		RF	53	53	53	100	11	8	10	6	4		RF	55	54	53	93	07	15																			
07	10	31	6		R	51	48	45	80	12	6	10	2	1		F	55	55	54	97	09	9	10	10	2	12	RF	55	55	54	97	03	14																				
10	10	18	4		RF	51	49	46	83	09	8	10	8	2	8		F	60	59	58	93	09	8	10	8	2		RF	56	55	54	93	05	17																			
13	10	10	7			55	52	50	83	12	7	10	14	4		F	59	58	57	93	19	9	10	8	2	8	RF	57	56	55	93	05	14																				
16	10	32	7			58	54	51	78	00	6	10	10	2		RF	59	58	58	97	11	8	10	15	4		RF	58	56	55	90	03	14																				
19	10	39	6		H	57	54	52	84	05	6	10	11	4		F	58	57	57	97	06	11	10	26	6		RF	58	56	54	87	02	11																				
22	8	20	4		F	55	54	53	93	16	6	10	10	2	8		F	58	57	56	93	07	12	7	34	7		58	56	54	87	36	10																				
MAY 7th																		MAY 8th																		MAY 9th																	
01	9	140				58	56	54	87	34	9	0	UNL	10			51	49	46	83	00	0	0	UNL	15			49	45	41	74	12	5																				
04	9	250	7			57	55	53	87	34	7	0	UNL	8			46	46	45	96	00	0	0	UNL	10			46	45	43	89	00	0																				
07	5	UNL	8			62	58	54	75	36	8	2	UNL	10			54	51	48	80	03	4	9	200	12			53	48	43	69	15	8																				
10	4	UNL	12			71	61	53	53	01	12	7	UNL	15			62	50	38	41	12	7	10	200	15			60	51	41	50	17	13																				
13	4	UNL	12			77	60	47	35	03	11	0	UNL	15			65	53	42	43	17	12	9	200	15			64	53	42	45	18	13																				
16	0	UNL	15			79	59	42	27	36	6	2	UNL	15			62	50	37	40	18	12	10	200	15			65	52	39	39	16	14																				
19	2	UNL	10			63	57	52	68	17	13	4	UNL	15			56	48	38	51	16	14	10	90	10			58	51	43	58	16	10																				
22	0	UNL	10			56	51	46	69	14	10	2	UNL	15			51	46	41	69	15	9	10	85	7		RW	53	50	47	80	14	8																				
MAY 10th																		MAY 11th																		MAY 12th																	
01	10	48	12			53	51	49	86	10	5	10	75	7		RW	58	57	56	93	04	5	10	55	10			57	53	49	75	02	7																				
04	3	UNL	12			52	50	48	86	05	5	10	60	4		F	58	57	56	93	17	3	4	UNL	10			51	49	46	83	01	6																				
07	4	UNL	5			56	53	51	83	08	4	7	75	4		F	59	57	56	90	16	4	0	UNL	15			56	50	43	62	07	5																				
10	10	13	6		H	63	59	56	78	36	3	9	50	3		H	64	61	58	81	30	9	0	UNL	15			64	51	38	38	31	5																				
13	10	250	4		H	73	65	60	64	18	5	6	32	8			71	63	57	61	34	6	0	UNL	15			70	55	42	36	20	4																				
16	3	UNL	8			73	65	60	64	17	12	10	41	8		TRW	62	59	56	81	30	6	5	UNL	15			72	57	43	35	17	11																				
19	2	UNL	8			66	62	59	78	17	8	10	50	5		TRW	61	58	56	84	30	6	1	UNL	15			64	55	47	54	18	11																				
22	10	44	7		TRW	59	56	54	84	30	14	9	55	7			61	58	56	84	01	4	0	UNL	12			58	56	54	87	16	9																				
MAY 13th																		MAY 14th																		MAY 15th																	
01	0	UNL	5		F	57	55	54	90	18	6	5	UNL	8			66	61	57	73	06	5	0	UNL	10			54	52	51	90	34	3																				
04	0	UNL	4		F	54	53	52	93	00	0	10	90	7			61	59	58	90	01	8	2	UNL	8			52	51	50	93	00	0																				
07	2	UNL	3		FH	59	57	56	90	18	9	10	95	15			59	53	48	67	03	10	8	75	7			54	52	50	86	05	8																				
10	10	UNL	8			72	65	60	66	21	14	10	100	15			64	54	45	50	06	11	1	UNL	15			65	55	47	52	12	8																				
13	10	UNL	8			78	64	55	45	23	13	7	100	15			65	56	48	54	08	10	3	UNL	15			70	60	52	53	18	10																				
16	8	UNL	8			80	66	57	45	19	14	4	UNL	15			70	58	49	47	12	8	4	UNL	10			64	59	56	75	17	13																				
19	2	UNL	12			74	64	58	58	19	10	5	UNL	12			67	58	50	55	14	6	3	UNL	5			60	58	57	90	18	10																				
22	8	95	10			69	64	61	76	02	5	0	UNL	12			59	55	52	78	18	6	10	8	6		H	58	56	54	87	14	6																				
MAY 16th																		MAY 17th																		MAY 18th																	
01	10	6	4		FH	57	56	55	93	15	4	10	7	8			62	60	59	90	15	4	10	3	2	8	RF	60	59	59	97	07	6																				
04	10	5	2		4	FH	57	56	55	93	14	6	10	4	3		F	61	60	59	93	13	4	10	7	2	8	RF	59	58	58	97	10	11																			
07	10	5	1		8	FH	57	56	55	93	12	4	10	3	1		RWF	61	60	60	97	15	4	10	8	4		RF	59	59	59	100	08	8																			
10	10	8	2		FH	60	58	56	87	12	5	10	9	3		F	64	62	61	90	11	4	10	4	5		F	60	59	59	97	09	12																				
13	10	100	6		H	69	64	61	76	18	12	8	15	4		H	69	65	63	81	10	8	10	3	6			62	60	59	90	10	11																				
16	5	UNL	10			72	66	62	71	17	12	5	UNL	7			73	66	61	66	15	9	10	8	7		F	63	61	59	87	08	13																				
19	10	110	10		RW	64	62	61	90	19	7	10	22	7		RW	69	64	61	76	08	11	10	7	7			61	59	58	90	08	13																				
22	10	250	10			63	61	59	87	18	3	10	20	6		RW	64	62	60	87	13	6	10	3	1	4	RF	59	59	59	100	06	15																				

## WEATHER CODES

- |                                                                                                                                                                                             |                                                                                                                                                                                                                  |                                                                                                                                                                             |                                                                                                                      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>* TORNADO</li> <li>T THUNDERSTORM</li> <li>Q SQUALL</li> <li>R RAIN</li> <li>RW RAIN SHOWERS</li> <li>ZR FREEZING RAIN</li> <li>L DRIZZLE</li> </ul> | <ul style="list-style-type: none"> <li>ZL FREEZING DRIZZLE</li> <li>S SNOW</li> <li>SN SNOW SHOWERS</li> <li>SG SNOW GRAINS</li> <li>SP SNOW PELLETS</li> <li>IC ICE CRYSTALS</li> <li>IP ICE PELLETS</li> </ul> | <ul style="list-style-type: none"> <li>IPW ICE PELLET SHOWERS</li> <li>A HAIL</li> <li>F FOG</li> <li>IF ICE FOG</li> <li>GF GROUND FOG</li> <li>BD BLOWING DUST</li> </ul> | <ul style="list-style-type: none"> <li>BN BLOWING SAND</li> <li>BS BLOWING SNOW</li> <li>BY BLOWING SPRAY</li> </ul> |
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OBSERVATIONS AT 3-HOUR INTERVALS

MAY 1988  
WILMINGTON, DE 13781

HOUR L.S.T.	VISI-BILITY			WEATHER	TEMPERATURE				WIND			VISI-BILITY			WEATHER	TEMPERATURE				WIND																																													
	SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	WHOLE MILES		AIR OF	WET BULB OF	DEW POINT OF	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)	SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	WHOLE MILES	AIR OF		WET BULB OF	DEW POINT OF	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)																																													
MAY 19th																						MAY 20th																						MAY 21st																					
01	10	4	0	12	RF	59	59	59	100	09	10	10	8	2	LF	59	59	59	100	23	4	10	5	4	12	LF	60	59	58	93	00	0	0																																
04	10	7	3		F	59	58	57	93	09	13	10	3	3	F	59	58	58	97	00	0	10	2	0	10	12	F	58	58	58	100	00	0	0																															
07	10	8	7		R	57	56	56	97	08	11	10	5	1	F	60	58	57	90	20	3	10	4	2	8	F	60	58	57	90	36	4	4																																
10	10	5	4		RWF	59	58	58	97	09	7	10	11	4	F	62	60	58	87	17	6	10	16	4	H	67	62	59	76	00	0	0																																	
13	10	9	5		RWF	60	60	60	100	07	9	10	10	7	F	62	60	58	87	15	8	7	29	6	H	72	65	61	69	15	4	4																																	
16	10	6	7			61	60	59	93	08	9	10	45	9		65	62	59	81	19	8	4	UNL	5	H	73	65	60	64	14	7	6																																	
19	10	7	7			60	59	58	93	08	8	10	70	7		62	61	60	93	13	6	10	UNL	6	H	70	65	61	73	17	6	6																																	
22	10	5	2		L	59	58	58	97	00	0	10	25	3	F	62	60	59	90	11	8	10	200	4	H	66	64	62	87	15	4	4																																	
MAY 22nd																						MAY 23rd																						MAY 24th																					
01	9	220	3		FH	63	62	62	97	00	0	4	UNL	6	H	63	61	60	90	00	0	1	UNL	7		65	64	64	97	00	0	0																																	
04	8	220	3		FH	61	60	60	97	00	0	4	UNL	6	H	61	60	59	93	00	0	7	140	7		65	64	63	93	29	4	4																																	
07	10	3	1	4	FH	63	61	59	87	14	5	8	250	2	FH	66	65	64	93	00	0	5	UNL	3	H	68	66	64	87	24	9	6																																	
10	7	13	4		H	71	66	63	76	29	4	8	UNL	5	H	75	70	68	79	14	6	9	UNL	12		74	68	64	71	23	6	6																																	
13	4	UNL	7			76	67	61	60	22	6	4	UNL	5	H	82	74	70	67	16	8	3	UNL	12		80	70	64	58	30	5	5																																	
16	1	UNL	7			79	67	59	51	26	7	4	UNL	5	H	80	73	69	69	18	12	8	41	12		79	68	62	56	22	10	10																																	
19	3	UNL	5		H	70	63	59	68	10	8	9	200	5	H	75	71	69	82	15	7	10	40	8	RW	66	64	62	87	17	6	6																																	
22	0	UNL	4		H	67	63	61	81	00	0	10	95	7		68	65	63	84	09	4	10	70	8		65	63	62	90	17	9	9																																	
MAY 25th																						MAY 26th																						MAY 27th																					
01	10	55	7		RW	64	63	63	97	27	7	0	UNL	12		47	44	40	77	31	7	0	UNL	15		51	49	47	86	34	3	3																																	
04	10	48	4		F	63	62	62	97	33	5	0	UNL	12		47	43	38	71	31	8	0	UNL	10		49	48	46	90	30	3	3																																	
07	10	25	8			59	57	55	87	36	12	0	UNL	15		53	47	40	62	34	11	2	UNL	15		58	53	48	70	20	5	5																																	
10	10	40	10		L	54	52	50	86	36	9	0	UNL	20		61	51	42	50	33	11	4	UNL	15		70	58	47	44	22	8	8																																	
13	10	50	12			54	51	49	83	33	7	4	UNL	20		64	53	42	45	30	10	8	UNL	15		74	60	48	40	23	9	9																																	
16	9	120	10			60	52	44	56	32	13	1	UNL	20		67	53	39	36	31	12	2	UNL	15		76	61	49	39	26	9	9																																	
19	2	UNL	10			57	49	40	53	33	10	0	UNL	15		65	52	39	39	25	6	6	UNL	15		70	58	47	44	23	8	8																																	
22	0	UNL	10			51	46	40	66	32	14	0	UNL	15		57	50	43	60	21	7	7	UNL	12		64	58	53	68	21	5	5																																	
MAY 28th																						MAY 29th																						MAY 30th																					
01	7	UNL	12			59	55	51	75	25	3	4	UNL	12		60	55	51	72	00	0	0	UNL	10		65	60	57	76	21	4	4																																	
04	10	UNL	12			57	54	51	81	00	0	3	UNL	10		57	55	54	90	31	4	1	UNL	8		64	59	56	75	23	4	4																																	
07	8	UNL	9			59	56	53	81	22	5	0	UNL	8		65	60	57	76	30	4	3	UNL	12		72	64	58	62	34	4	4																																	
10	8	UNL	15			74	63	55	52	30	4	0	UNL	10		80	66	58	47	10	6	0	UNL	12		83	70	63	51	00	0	0																																	
13	10	UNL	15			77	65	58	52	14	9	0	UNL	10		86	67	55	35	12	4	0	UNL	12		89	69	58	35	27	6	6																																	
16	9	UNL	15			76	61	49	39	18	12	1	UNL	12		87	67	54	32	32	7	0	UNL	12		89	69	57	34	28	5	5																																	
19	9	UNL	12			69	59	52	55	17	9	2	UNL	10		81	65	55	41	28	8	4	UNL	10		83	68	59	44	24	7	7																																	
22	6	UNL	12			64	58	54	70	20	5	1	UNL	10		73	63	56	55	28	5	2	UNL	10		77	65	58	52	24	6	6																																	
MAY 31st																																																																	
01	1	UNL	8			70	65	61	73	28	6																																																						
04	4	UNL	8			66	62	59	78	30	5																																																						
07	0	UNL	8			76	66	60	58	31	7																																																						
10	5	UNL	10			86	69	60	42	33	10																																																						
13	2	UNL	9			89	67	53	29	33	16																																																						
16	6	UNL	9			90	69	57	33	32	12																																																						
19	8	UNL	9			83	70	62	49	29	7																																																						
22	3	UNL	8			75	66	60	60	29	6																																																						

SUMMARY BY HOURS

HOUR L.S.T.	AVERAGES								RESULTANT WIND	
	SKY COVER (TENTHS)	STATION PRESSURE (INCHES)	TEMPERATURE			REL HUMIDITY %	WIND SPEED (MPH)	DIRECTION	SPEED (MPH)	
			AIR TEMP OF	WET BULB OF	DEW POINT OF					
01	6	29.910	57	55	53	87	5.2	04	0.8	
04	6	29.900	55	54	52	90	5.1	04	1.3	
07	7	29.925	58	55	53	82	7.6	05	2.1	
10	7	29.940	65	58	53	68	8.9	07	1.8	
13	7	29.910	69	60	53	60	10.4	15	1.9	
16	6	29.880	70	60	52	57	10.8	18	2.8	
19	7	29.890	65	58	53	68	9.9	15	4.3	
22	6	29.920	61	57	54	79	8.0	14	2.3	

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

MAY 1988  
WILMINGTON, DE

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																									03
04	T	T	T					T	0.01	0.01	T	0.06	0.01									T	T	04	
05	T	T	T	0.01	T			0.01	0.04	T				0.02	0.30	0.04	0.06	0.24	0.04					05	
06		0.02	0.04	0.01	0.01	0.02	0.05	0.02	0.03	0.03	0.09	0.06		0.03	T	0.01	0.02	0.03	0.01	0.01	T			06	
07	T																							07	
08																								08	
09																						0.02	T	0.02	09
10																						0.02	0.09	0.03	10
11	T	T	0.02	T							T														11
12																0.02	0.14	T	0.02	0.02					12
13																									13
14																									14
15																									15
16																									16
17				T	T	0.02	T	0.02	T	0.01	0.03					T	T	T	0.02	0.01	0.01	T	0.09	17	
18	0.08	0.06	0.02	0.16	0.04	T	0.06	0.01	0.08	T	T	0.01	0.01											18	
19	0.23	0.03	0.18	0.01	T	0.05	0.03	0.23	0.12	0.02	0.08	0.06		0.05	T	0.01					0.19	0.26	0.13	19	
20	T	T																							20
21		T	T	T	T	T																			21
22																									22
23																									23
24																						0.21	0.01		24
25	0.01							T	T	0.02	T	T		0.03			0.25	0.12	0.05	0.06	0.02			25	
26																									26
27																									27
28																									28
29																									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)	0.11	0.19	0.22	0.24	0.26	0.31	0.37	0.44	0.48	0.51	0.58	0.65
ENDED: DATE	05	05	05	05	05	18	18	18	18	18	19	19
ENDED: TIME	1335	1338	1612	1618	1625	2225	2240	2245	2305	2323	0009	0019

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.

VALIDATED BY:  
BILL CLAYTON

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