

MAY 1987  
WILMINGTON, DE  
NAT'L WEATHER 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 1987  
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	DIRECTION	FASTEST 1-MIN	MINUTES	PERCENT OF TOTAL POSSIBLE	SUNRISE TO MIDNIGHT
01	66	39*	53	-4	34	12	0	0	0.00	0.0	29.830	26	5.4	7.0	13	W	16	28	7	7	
02	65	49	57	-1	51	8	0	0	0.12	0.0	29.830	35	1.2	4.0	13	S	7	30	10	10	
03	72	50	61	3	53	4	0	0	0.26	0.0	29.930	06	8.1	9.5	30	NE	18	04	8	9	
04	50	46	48*	-10	44	17	0	0	0.91	0.0	30.140	04	12.6	13.2	29	NE	17	01	10	10	
05	59	45	52	-7	42	13	0	0	0.07	0.0	30.090	35	3.6	7.6	21	NE	13	04	10	9	
06	73	42	58	-1	42	7	0	0	0.00	0.0	29.895	28	8.0	9.6	31	NW	17	30	4	4	
07	78	46	62	3	44	3	0	0	0.00	0.0	29.840	29	6.5	8.7	25	NW	13	34	4	4	
08	68	47	58	-2	39	7	0	0	0.01	0.0	29.930	34	6.1	7.9	29	NW	18	31	4	4	
09	75	42	59	-1	41	6	0	0	0.00	0.0	29.980	26	6.6	8.6	23	W	14	24	3	2	
10	86	49	68	8	51	0	3	0	0.00	0.0	29.885	25	8.5	9.3	23	SW	16	24	1	2	
11	86	60	73	12	57	0	8	0	0.00	0.0	29.900	21	4.1	6.9	18	SW	14	21	0	1	
12	85	58	72	11	58	0	7	1	0.74	0.0	29.880	27	4.2	9.2	29	NW	18	32	6	6	
13	65	49	57	-4	38	8	0	0	0.00	0.0	30.240	08	10.6	12.7	28	E	20	06	4	4	
14	69	46	58	-4	51	7	0	0	0.00	0.0	30.170	14	5.5	8.5	21	S	16	17	8	8	
15	73	54	64	2	57	1	0	1	0.17	0.0	29.920	28	3.0	9.1	21	SW	14	36	8	7	
16	68	47	58	-4	40	7	0	0	0.00	0.0	30.055	32	0.5	8.3	18	N	13	02	0	0	
17	81	50	66	3	55	0	1	0	0.00	0.0	29.930	23	5.7	6.0	18	SW	12	22	2	1	
18	90	58	74	11	60	0	9	1	0.13	0.0	29.840	31	3.3	7.2	22	NE	14	05	5	5	
19	58	49	54	-9	50	11	0	0	0.27	0.0	30.020	07	13.3	13.7	24	E	17	06	10	10	
20	53	48	51	-12	50	14	0	1	0.50	0.0	30.130	06	12.9	13.1	25	NE	17	03	10	10	
21	74	53	64	0	57	1	0	1	T	0.0	30.200	12	6.6	11.0	21	S	15	18	8	7	
22	78	58	68	0	63	0	3	1	0.00	0.0	30.140	18	5.0	6.4	17	SW	13	17	9	8	
23	82	64	73	9	68	0	8	1	T	0.0	30.045	18	2.9	5.2	17	N	14	18	9	7	
24	76	59	68	3	62	0	3	2	0.00	0.0	30.050	13	4.5	7.8	20	E	15	18	8	8	
25	63	55	59	-6	53	6	0	0	T	0.0	30.190	11	7.2	8.6	16	NE	13	06	10	9	
26	64	55	60	-5	51	5	0	0	T	0.0	30.250	13	7.1	7.6	14	S	10	14	10	10	
27	62	55	59	-7	53	6	0	1	0.04	0.0	30.240	11	5.0	5.7	12	SE	10	14	10	10	
28	81	60	71	5	64	0	6	0	0.00	0.0	30.115	25	6.2	6.7	15	SW	13	24	5	5	
29	92	64	78	12	68	0	13	1	0.00	0.0	29.990	28	6.1	6.9	15	NW	10	30	1	1	
30	93*	68	81*	14	68	0	16	1	0.00	0.0	29.945	28	4.4	5.8	14	SW	9	25	2	2	
31	87	71	79	12	71	0	14	1	0.00	0.0	29.890	26	5.7	6.9	22	W	16	26	8	5	
SUM	SUM					TOTAL	TOTAL		TOTAL	TOTAL	FOR THE MONTH:						TOTAL	%	SUM	SUM	
2272	1636					143	91		3.15	0.0	30.020	03	0.2	8.3	31	NW	20	06	194	185	
AVG.	AVG.	AVG.	DEP.	AVG.	DEP.				DEP.							DATE: 6	DATE: 13	POSSIBLE	MONTH	AVG.	AVG.
73.3	52.8	63.1	0.9	52.7	13	48			-0.08										6.3	6.0	
NUMBER OF DAYS		SEASON TO DATE		TOTAL		TOTAL		SNOW, ICE PELLETS		GREATEST IN 24 HOURS AND DATES		GREATEST DEPTH ON GROUND OF		SNOW, ICE PELLETS OR ICE AND DATE							
				4906		94		THUNDERSTORMS		PRECIPITATION		SNOW, ICE PELLETS									
MAXIMUM TEMP.		MINIMUM TEMP.		DEP.		DEP.		HEAVY FOG		1		1.15		03-04		0.0					
≥ 90°		≤ 32°		≤ 32°		≤ 0°															
3		0		0		0		-74		51		CLEAR		7		PARTLY CLOUDY		8		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. 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 1987  
WILMINGTON, DE

13781

HOUR	L.S.T.	SKY COVER (TENTHS)	VISI-BILITY		TEMPERATURE			WIND		SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	WHOLE MILES	16THS MILE	WEATHER	TEMPERATURE			WIND		SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	WHOLE MILES	16THS MILE	WEATHER	TEMPERATURE			WIND																
			CEILING IN HUNDREDS OF FEET	WHOLE MILES	AIR OF	WET BULB OF	DEN POINT OF	REL HUMIDITY %	DIRECTION						SPEED (KNOTS)	AIR OF	WET BULB OF	DEN POINT OF	REL HUMIDITY %						DIRECTION	SPEED (KNOTS)	AIR OF	WET BULB OF	DEN POINT OF	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)												
MAY 1st															MAY 2nd															MAY 3rd														
01	0	UNL	10		46	40	31	56	31	6	10	95	10		55	51	47	75	30	5	10	75	7			56	54	53	90	17	4													
04	2	UNL	10		43	38	31	63	20	5	10	95	10		55	50	46	72	02	5	10	75	6			55	55	54	97	00	0													
07	7	110	10		46	41	34	63	29	4	10	95	7		55	52	49	80	18	4	10	200	1	8	TF	56	55	55	97	04	5													
10	9	UNL	15		57	44	25	29	27	9	10	100	8		61	55	50	67	03	4	4	UNL	4		8	FH	64	60	57	78	10	5												
13	8	UNL	15		62	47	27	27	24	11	10	70	7		55	53	52	90	01	5	4	UNL	8			71	62	56	59	11	5													
16	8	UNL	15		64	48	30	28	28	14	9	UNL	10		65	59	55	70	30	4	10	85	7			67	61	57	70	04	14													
19	4	UNL	12		60	48	34	38	22	4	9	100	8		61	57	53	75	18	5	10	26	7			56	50	44	64	04	15													
22	10	UNL	95		55	53	51	87	21	4	8	75	8		58	56	54	87	01	3	10	29	4		RWF	50	49	48	93	04	15													
MAY 4th															MAY 5th															MAY 6th														
01	10	15	4		RWF	50	50	49	96	02	8	8	70	10		46	43	40	80	04	11	6	60	10			46	45	44	93	00	0												
04	10	6	4		RF	47	47	46	96	06	14	10	28	10		46	43	39	77	34	6	2	UNL	10			43	42	41	93	31	5												
07	10	8	2		RF	47	47	46	96	06	13	10	32	8		47	44	41	80	34	8	10	55	12			50	46	41	71	30	8												
10	10	10	2	8	RF	47	46	45	93	03	10	10	48	10		50	47	43	77	29	9	5	UNL	15			60	51	42	52	30	6												
13	10	12	4		RF	47	46	45	93	04	12	10	44	15		57	49	40	53	35	8	1	UNL	15			69	54	40	35	32	14												
16	10	25	8		R	48	46	44	86	04	13	9	85	8		56	50	43	62	13	8	3	UNL	15			72	55	39	30	30	15												
19	10	75	8		R	46	45	43	89	01	10	10	120	10		52	47	42	69	06	8	1	UNL	15			66	54	42	42	22	7												
22	10	50	7		R	47	44	41	89	04	12	10	60	10		50	47	44	80	27	6	0	UNL	15			61	52	43	52	24	8												
MAY 7th															MAY 8th															MAY 9th														
01	1	UNL	12			57	50	44	62	23	8	10	75	10		60	50	40	48	03	11	0	UNL	15			46	44	41	83	34	4												
04	1	UNL	12			48	47	45	89	30	6	10	60	8		52	49	46	80	04	7	0	UNL	10			44	40	35	71	31	5												
07	2	UNL	10			56	50	45	67	26	7	8	70	12		52	51	49	90	30	3	0	UNL	15			53	46	37	55	28	4												
10	6	UNL	11			71	58	47	43	28	8	1	UNL	15		63	49	34	34	01	5	0	UNL	15			67	52	36	32	31	9												
13	0	UNL	12			75	59	46	36	22	8	1	UNL	15		67	52	36	32	04	10	7	UNL	15			72	56	41	37	27	12												
16	3	UNL	10			77	58	42	29	30	9	5	UNL	15		64	50	35	34	31	7	3	UNL	15			74	57	42	32	24	10												
19	10	75	10			67	55	43	42	30	10	0	UNL	15		61	48	33	35	30	6	6	UNL	15			69	55	42	38	20	8												
22	10	75	10			65	52	40	40	01	7	0	UNL	15		50	44	36	59	28	5	1	UNL	15			60	52	44	56	23	3												
MAY 10th															MAY 11th															MAY 12th														
01	0	UNL	15			58	51	45	62	26	7	4	UNL	8		66	59	54	65	25	4	0	UNL	8			70	62	57	64	23	10												
04	0	UNL	12			52	50	48	86	00	0	0	UNL	8		61	58	55	81	00	0	0	UNL	8			67	60	54	63	24	11												
07	4	UNL	10			59	55	52	78	27	6	0	UNL	6		66	61	57	73	33	5	8	90	12			68	61	56	66	24	7												
10	0	UNL	15			76	61	49	39	26	10	0	UNL	8		78	66	58	50	08	7	0	UNL	10			77	67	61	58	24	8												
13	0	UNL	15			83	65	53	36	25	10	0	UNL	8		82	68	59	46	16	10	2	UNL	8			84	70	62	48	22	11												
16	3	UNL	12			84	64	51	32	23	13	0	UNL	8		84	68	58	41	21	12	10	60	4			66	65	65	97	02	5												
19	1	UNL	12			77	62	52	42	20	8	0	UNL	8		77	63	53	43	21	6	10	75	9		TRW	66	62	59	78	02	9												
22	4	UNL	8			73	62	54	52	24	8	0	UNL	8		71	63	58	64	20	6	10	95	12			61	58	55	81	36	5												
MAY 13th															MAY 14th															MAY 15th														
01	10	UNL	12			58	50	42	56	01	10	6	UNL	15		48	42	33	56	07	8	10	29	5			60	59	90	18	6													
04	5	UNL	12			56	48	40	55	04	11	7	UNL	15		47	44	40	77	06	6	10	10	4		F	62	60	60	97	18	6												
07	9	39	15			58	50	41	53	06	13	8	100	10		51	48	44	77	10	6	10	8	1		RWF	62	61	61	97	22	5												
10	3	UNL	15			62	52	41	46	06	15	10	25	8		58	53	49	72	12	4	10	8	2	8	F	64	63	63	97	25	11												
13	2	UNL	15			65	53	42	43	09	13	9	80	10		66	60	56	70	13	5	10	8	1	8	RWF	65	64	64	97	26	7												
16	2	UNL	15			64	52	39	40	12	12	7	UNL	10		68	62	57	68	17	10	10	25	4		H	70	68	67	90	24	5												
19	1	UNL	15			57	47	34	42	10	10	10	26	8		62	60	59	90	17	14	1	UNL	8			68	58	49	51	01	12												
22	3	UNL	15			51	42	31	47	07	6	10	19	8		62	60	58	87	18	7	0	UNL	10			58	50	41	53	36	12												
MAY 16th															MAY 17th															MAY 18th														
01	0	UNL	15			53	46	38	57	36	10	0	UNL	12		53	49	45	74	22	4	0	UNL	7			63	61	59	87	00	0												
04	0	UNL	15			49	43	36	61	01	8	0	UNL	10		51	50	49	93	00	0	0	UNL	4			60	60	60	100	00	0												
07	0	UNL	20			53	45	36	53	01	11	0	UNL	7		58	54	50	75	24	3	0	UNL	3			66	63	61	84	27	4												
10	0	UNL	20			60	47	32	35	04	9	5	UNL	12		70	62	56	61	24	8	3	UNL	7			82	68	60	47	30	8												
13	0	UNL	20			64	51	36	36	16	5	7	UNL	12		79	66	57	47	23	5	5	UNL	7			89	70	59	36	31	9												
16	1	UNL	15			67	53	40	37	18	10	0	UNL	12		81	65	55	41	22	10	10	250	7			87	71	62	43	23	7												
19	1	UNL	15			61	51	42	50	18	7	0	UNL	10		76	65	58	54	23	7	10	80	8			78	68	62	58	30	6												
22	0	UNL	15			55	50	46	72	21	6	0	UNL	8		68	62	58	71	25	3	10	75	5		H	66	61	57	73	05	12												

WEATHER CODES

- \* TORNADO
- T THUNDERSTORM
- Q SQUALL
- R RAIN
- RW RAIN SHOWERS
- ZR FREEZING RAIN
- L DRIZZLE
- ZL FREEZING DRIZZLE
- S SNOW
- SW SNOW SHOWERS
- SG SNOW GRAINS
- SP SNOW PELLETS
- IC ICE CRYSTALS
- IP ICE PELLETS
- IPW ICE PELLET SHOWERS
- A HAIL
- F FOG
- IF ICE FOG
- GF GROUND FOG
- BD BLOWING DUST
- BN BLOWING SAND
- BS BLOWING SNOW
- BY BLOWING SPRAY
- K SMOKE
- H HAZE
- D DUST

CEILING: UNL INDICATES UNLIMITED  
 WIND DIRECTION: DIRECTIONS ARE THOSE FROM WHICH THE WIND BLOWS, INDICATED IN TENS OF DEGREES FROM TRUE NORTH: I.E., 09 FOR EAST, 18 FOR SOUTH, 27 FOR WEST. AN ENTRY OF 00 INDICATES CALM  
 SPEED: THE OBSERVED AVERAGE ONE-MINUTE VALUE, EXPRESSED IN KNOTS (MPH=KNOTS X 1.15).

OBSERVATIONS AT 3-HOUR INTERVALS

MAY 1987  
WILMINGTON, DE 13781

HOUR L.S.T.	SKY COVER (TENTHS)		VISI-BILITY		WEATHER	TEMPERATURE				WIND		SKY COVER (TENTHS)	VISI-BILITY		WEATHER	TEMPERATURE				WIND												
	CEILING IN HUNDREDS OF FEET	WHOLE MILES	WHOLE MILES	16THS MILE		AIR OF	WET BULB OF	DEW POINT OF	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)		AIR OF	WET BULB OF		DEW POINT OF	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)													
MAY 19th																																
01	10	95	7			58	56	54	87	06	12	10	9	5	RF	48	48	48	100	06	12	10	5	6	LF	53	53	53	100	04	11	
04	10	14	7		RW	54	53	52	93	05	6	10	7	6		49	48	48	96	05	10	10	7	6	F	53	53	52	96	09	10	
07	10	10	6		F	53	52	51	93	07	13	10	50	8		51	50	48	90	05	7	10	8	5	F	56	55	54	93	05	11	
10	10	11	8			54	53	52	93	08	14	10	32	7		51	50	48	90	06	13	8	8	5		65	62	59	81	07	10	
13	10	10	8			54	53	52	93	08	14	10	6	2	RF	52	51	48	96	07	12	8	UNL	10			73	66	62	69	15	8
16	10	8	4		F	51	50	49	93	09	12	10	5	1	LF	53	53	52	96	04	11	9	UNL	10			73	65	59	62	18	12
19	10	8	2		RF	50	50	49	96	09	13	10	5	1	LF	53	53	53	100	06	14	2	UNL	10			67	62	59	76	18	10
22	10	32	4		RF	49	48	46	90	06	12	10	5	1	LF	53	53	53	100	06	11	5	UNL	7			62	61	60	93	17	6
MAY 20th																																
01	0	UNL	7			59	58	57	93	13	5	2	UNL	7		64	64	64	100	22	5	7	1	1	12	F	66	66	66	100	19	4
04	8	15	7			59	58	58	97	00	0	0	UNL	3		64	64	64	100	16	5	10	1	0	6	F	65	65	65	100	36	4
07	10	8	4		F	62	61	60	93	12	3	10	2	1	8	F	66	66	66	100	23	4	10	5	1	F	64	64	64	100	07	9
10	8	11	6		H	70	66	64	81	17	3	10	110	8		76	72	70	82	00	0	10	20	2	12	F	67	64	62	84	12	5
13	9	20	8			73	69	67	82	17	9	10	44	7		73	70	68	84	04	4	10	100	3		H	75	68	64	69	13	3
16	6	250	12			78	71	67	69	23	10	10	230	7		78	73	70	77	17	8	6	32	4		H	76	68	63	64	16	5
19	10	UNL	10			70	68	66	87	17	7	8	UNL	7		73	71	70	90	14	4	8	19	5		H	65	63	62	90	18	13
22	7	200	8			66	65	65	97	20	4	7	250	6		69	69	69	100	00	0	10	26	10			62	58	54	75	13	7
MAY 21st																																
01	10	95	7			58	56	54	87	06	12	10	9	5	RF	48	48	48	100	06	12	10	5	6	LF	53	53	53	100	04	11	
04	10	14	7		RW	54	53	52	93	05	6	10	7	6		49	48	48	96	05	10	10	7	6	F	53	53	52	96	09	10	
07	10	10	6		F	53	52	51	93	07	13	10	50	8		51	50	48	90	05	7	10	8	5	F	56	55	54	93	05	11	
10	10	11	8			54	53	52	93	08	14	10	32	7		51	50	48	90	06	13	8	8	5		65	62	59	81	07	10	
13	10	10	8			54	53	52	93	08	14	10	6	2	RF	52	51	48	96	07	12	8	UNL	10			73	66	62	69	15	8
16	10	8	4		F	51	50	49	93	09	12	10	5	1	LF	53	53	52	96	04	11	9	UNL	10			73	65	59	62	18	12
19	10	8	2		RF	50	50	49	96	09	13	10	5	1	LF	53	53	53	100	06	14	2	UNL	10			67	62	59	76	18	10
22	10	32	4		RF	49	48	46	90	06	12	10	5	1	LF	53	53	53	100	06	11	5	UNL	7			62	61	60	93	17	6
MAY 22nd																																
01	0	UNL	7			59	58	57	93	13	5	2	UNL	7		64	64	64	100	22	5	7	1	1	12	F	66	66	66	100	19	4
04	8	15	7			59	58	58	97	00	0	0	UNL	3		64	64	64	100	16	5	10	1	0	6	F	65	65	65	100	36	4
07	10	8	4		F	62	61	60	93	12	3	10	2	1	8	F	66	66	66	100	23	4	10	5	1	F	64	64	64	100	07	9
10	8	11	6		H	70	66	64	81	17	3	10	110	8		76	72	70	82	00	0	10	20	2	12	F	67	64	62	84	12	5
13	9	20	8			73	69	67	82	17	9	10	44	7		73	70	68	84	04	4	10	100	3		H	75	68	64	69	13	3
16	6	250	12			78	71	67	69	23	10	10	230	7		78	73	70	77	17	8	6	32	4		H	76	68	63	64	16	5
19	10	UNL	10			70	68	66	87	17	7	8	UNL	7		73	71	70	90	14	4	8	19	5		H	65	63	62	90	18	13
22	7	200	8			66	65	65	97	20	4	7	250	6		69	69	69	100	00	0	10	26	10			62	58	54	75	13	7
MAY 23rd																																
01	0	UNL	7			59	58	57	93	13	5	2	UNL	7		64	64	64	100	22	5	7	1	1	12	F	66	66	66	100	19	4
04	8	15	7			59	58	58	97	00	0	0	UNL	3		64	64	64	100	16	5	10	1	0	6	F	65	65	65	100	36	4
07	10	8	4		F	62	61	60	93	12	3	10	2	1	8	F	66	66	66	100	23	4	10	5	1	F	64	64	64	100	07	9
10	8	11	6		H	70	66	64	81	17	3	10	110	8		76	72	70	82	00	0	10	20	2	12	F	67	64	62	84	12	5
13	9	20	8			73	69	67	82	17	9	10	44	7		73	70	68	84	04	4	10	100	3		H	75	68	64	69	13	3
16	6	250	12			78	71	67	69	23	10	10	230	7		78	73	70	77	17	8	6	32	4		H	76	68	63	64	16	5
19	10	UNL	10			70	68	66	87	17	7	8	UNL	7		73	71	70	90	14	4	8	19	5		H	65	63	62	90	18	13
22	7	200	8			66	65	65	97	20	4	7	250	6		69	69	69	100	00	0	10	26	10			62	58	54	75	13	7
MAY 24th																																
01	9	28	10			58	58	57	93	13	5	10	50	10		56	54	53	90	14	5	10	48	12			57	53	49	75	15	4
04	10	10	7			55	54	53	93	10	8	10	50	10		55	53	52	90	11	7	10	48	12			57	53	49	75	11	6
07	10	10	7			56	54	53	90	09	10	10	50	9		56	53	51	83	11	9	10	44	10			57	53	50	78	10	5
10	10	15	8			60	56	53	78	06	11	10	48	10		58	54	51	78	12	6	10	39	7		R	55	53	52	90	06	6
13	10	45	10			61	57	53	75	12	5	10	48	10		60	56	52	75	13	6	10	36	7		R	57	55	53	87	09	6
16	10	48	10			62	58	54	75	15	7	10	48	15		63	57	52	68	14	8	10	41	8			62	59	56	81	10	6
19	10	41	10			61	58	55	81	18	5	10	70	15		61	56	51	70	16	8	10	39	8			61	59	58	90	13	4
22	10	48	10			58	56	54	87	14	7	10	48	15		59	54	50	72	14	7	10	14	7			61	59	58	90	13	5
MAY 25th																																
01	9	28	10			58	58	57	93	13	5	10	50	10		56	54	53	90	14	5	10	48	12			57	53	49	75	15	4
04	10	10	7			55	54	53	93	10	8	10	50	10		55	53	52	90	11	7	10	48	12			57	53	49	75	11	6
07	10	10	7			56	54	53	90	09	10	10	50	9		56	53	51	83	11	9	10	44	10			57	53	50	78	10	5
10	10	15	8			60	56	53	78	06	11	10	48	10		58	54	51	78	12	6	10	39	7		R	55	53	52	90	06	6
13	10	45	10			61	57	53	75	12	5	10	48	10		60	56	52	75	13	6	10	36	7		R	57	55	53	87	09	6
16	10	48	10			62	58	54	75	15	7																					

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

MAY 1987  
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		0.02	T			T	T														T	T	T	03		
04	0.04	0.02	T	0.02	T	0.08	0.08	0.08	0.11	0.14	0.12	0.10	0.07	0.04	0.01	T	T	T	T	T	0.01	0.17	0.03	0.03	04	
05																					T	T	T		05	
06																									06	
07																									07	
08		T	0.01	T	T	T																			08	
09																									09	
10																									10	
11																									11	
12																									12	
13																									13	
14																									14	
15								0.08	0.07	0.01	T	T	T	0.01	T		T								15	
16																									16	
17																									17	
18																									18	
19																									19	
20	0.12	0.01	T	0.01	0.01	T		0.01	T	T		0.04	0.04	0.06	0.01	0.02	T	0.01	0.02	0.01	0.03	0.02	0.03	0.06	0.07	20
21	T	T																								21
22																										22
23																										23
24																										24
25																										25
26	T	T																								26
27																										27
28								0.01	0.02	0.01	T															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)	0.21	0.27	0.34	0.38	0.40	0.52	0.54	0.58	0.59	0.64	0.67	0.71
ENDED: DATE	12	12	12	12	12	12	12	12	12	12	12	12
ENDED: TIME	1509	1513	1519	1522	1534	1548	1554	1554	1612	1659	1708	1659

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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