

LOCAL CLIMATOLOGICAL DATA Monthly Summary



GREATER WILMINGTON AIRPORT

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

APR 1989
 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 DUST/STORM 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 DEN 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	
																SPEED	DIRECTION	SPEED	DIRECTION					
01	50	35	43	-4	29	22	0		0	0.00	0.0	29.855	31	16.2	16.6	38	NW	23	30			7	6	
02	54	29	42	-6	31	23	0		0	T	0.0	30.200	20	5.7	9.4	23	S	16	17			7	6	
03	67	45	56	8	49	9	0	1		0.12	0.0	29.940	19	8.3	10.3	29	SW	18	22			10	8	
04	78*	49	64	16	56	1	0		0	T	0.0	29.800	20	12.7	14.4	44	SW	28	23			10	7	
05	71	51	61	12	54	4	0	1		0.41	0.0	29.850	27	4.6	9.3	28	NW	22	30			9	9	
06	55	43	49	0	41	16	0	1		0.23	0.0	29.755	29	10.0	10.6	26	NW	18	29			10	8	
07	52	35	44	-6	36	21	0	1		0.37	0.0	29.740	30	3.0	8.1	20	NE	14	02			8	7	
08	52	36	44	-6	35	21	0		0	0.01	0.0	29.680	25	7.0	10.9	25	SW	16	27			6	7	
09	56	43	50	0	33	15	0		0	0.06	0.0	29.825	29	9.9	11.1	31	NW	18	31			9	9	
10	50	35	43	-8	21	22	0		0	0.00	0.0	30.110	31	10.1	11.2	37	NW	22	33			9	9	
11	51	32	42*	-9	18	23	0		0	0.00	0.0	30.220	32	5.7	7.4			15	35			1	3	
12	56	29*	43	-8	27	22	0		0	0.00	0.0	30.250	19	8.2	10.5	28	S	20	17			3	3	
13	58	33	46	-6	34	19	0		0	0.00	0.0	30.140	18	2.3	9.1	21	NW	18	16			6	4	
14	60	32	46	-6	33	19	0		0	0.00	0.0	30.160	18	4.5	8.6	24	S	17	17			1	3	
15	53	46	50	-2	49	15	0	1		0.75	0.0	29.910	07	5.7	10.0	23	N	16	35			10	10	
16	59	43	51	-2	45	14	0		0	T	0.0	29.870	33	10.2	11.2	25	NW	17	32			9	7	
17	74	37	56	3	44	9	0	1	8	0.00	0.0	29.990	21	6.3	8.1	25	SW	18	22			4	4	
18	76	53	65*	12	54	0	0	1		0.06	0.0	29.830	29	6.3	8.9	29	NW	17	31			8	9	
19	61	43	52	-2	38	13	0	1		0.14	0.0	29.910	33	9.6	11.0	25	N	16	31			3	4	
20	64	37	51	-3	31	14	0		0	0.00	0.0	30.040	31	5.1	7.7	21	NW	14	36			0	1	
21	69	44	57	3	39	8	0		0	0.00	0.0	29.915	27	5.1	6.9	17	NW	13	32			9	5	
22	59	39	49	-6	23	16	0		0	0.00	0.0	29.880	34	10.3	12.2	37	NW	20	29			5	3	
23	59	33	46	-9	20	19	0		0	0.00	0.0	29.920	32	9.6	11.2	30	NW	20	32			0	0	
24	64	33	49	-6	27	16	0		0	0.00	0.0	29.900	31	8.0	9.6	25	NW	17	32			1	1	
25	70	40	55	-1	38	10	0		0	0.00	0.0	29.830	31	4.0	6.2	21	NW	15	32			9	7	
26	77	47	62	6	45	3	0		8	0.00	0.0	29.770	36	2.3	6.2	16	NW	13	30			8	6	
27	75	48	62	6	40	3	0		0	0.00	0.0	29.750	18	1.0	7.7	26	N	16	01			5	5	
28	67	48	58	2	36	7	0		0	0.00	0.0	29.840	08	3.7	11.1	29	N	16	36			5	6	
29	57	53	55	-2	49	10	0	1		0.61	0.0	29.915	09	5.9	9.4	21	E	14	07			10	10	
30	75	52	64	7	56	1	0	1	8	0.00	0.0	29.960	32	1.7	6.1	13	NW	12	30			6	6	
SUM	SUM	SUM	SUM	SUM	SUM	SUM	SUM	NUMBER OF DAYS		TOTAL	TOTAL	FOR THE MONTH:						TOTAL	%	SUM	SUM			
1869	1223					395	0			2.76	0.0	29.925	29	3.5	9.7	44	SW	28	23			FOR	188	173
AVG.	AVG.	AVG.	DEP.	AVG.	DEP.	DEP.	PRECIPITATION			DEP.						DATE: 4	DATE: 4	POSSIBLE	MONTH			AVG.	AVG.	
62.3	40.8	51.6	-0.8	37.7	17	0	≥ .01 INCH.		10	-0.63												6.3	5.8	
NUMBER OF DAYS						SEASON TO DATE	SNOW, ICE PELLETS		GREATEST IN 24 HOURS AND DATES						GREATEST DEPTH ON GROUND OF									
						TOTAL	≥ 1.0 INCH								SNOW, ICE PELLETS OR ICE AND DATE									
MAXIMUM TEMP		MINIMUM TEMP		4805		THUNDERSTORMS		PRECIPITATION		SNOW, ICE PELLETS														
≥ 90°	< 32°	< 32°	< 0°	DEP.	DEP.	HEAVY FOG	0		0.75	15	0.0													
0	0	4	0	-45	6	CLEAR	7	PARTLY CLOUDY	9	CLOUDY	14													

* 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. Halpern
 DIRECTOR
 NATIONAL CLIMATIC DATA CENTER

OBSERVATIONS AT 3-HOUR INTERVALS

APR 1989
WILMINGTON, DE

13781

HOUR L. S. T.	VISIBILITY				TEMPERATURE				WIND				VISIBILITY				TEMPERATURE				WIND																										
	SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	WHOLE MILES	1/8THS MILE	AIR OF	WET BULB OF	DEW POINT OF	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)	SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	WHOLE MILES	1/8THS MILE	WEATHER	AIR OF	WET BULB OF	DEW POINT OF	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)	SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	WHOLE MILES	1/8THS MILE	WEATHER	AIR OF	WET BULB OF	DEW POINT OF	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)															
APR 1st																APR 2nd																APR 3rd															
01	10	5	44	15	42	38	32	68	30	17	0	UNL	15		34	31	26	73	30	6	10	85	8				45	43	40	83	16	11															
04	5	UNL	15		39	35	30	70	29	12	0	UNL	15		31	29	24	75	28	6	10	80	7			R	46	45	43	89	12	8															
07	2	UNL	15		40	36	30	68	31	13	9	250	10		34	31	27	76	28	6	10	29	2	8	RF	47	47	47	100	18	12																
10	7	40	15		46	39	29	52	31	18	5	UNL	12		47	39	27	45	25	6	10	3	2	8	F	50	50	49	96	17	10																
13	9	48	15		48	39	27	44	34	18	8	250	15		52	42	29	41	22	8	10	20	9			58	55	53	84	23	15																
16	9	55	15		47	39	27	46	32	16	10	110	12		49	44	37	64	17	14	8	UNL	12			67	60	54	63	24	10																
19	7	80	15		44	38	28	54	32	14	10	75	10		46	42	38	74	16	12	7	UNL	12			60	56	53	78	16	8																
22	0	UNL	15		38	34	27	65	30	8	10	70	7	RW	47	45	42	83	22	6	0	UNL	10			54	52	51	90	22	3																
APR 4th																APR 5th																APR 6th															
01	2	UNL	8		51	51	50	96	08	4	10	140	8		66	60	55	68	23	11	10	46	4		RF	50	50	50	100	30	6																
04	3	UNL	7		52	52	51	96	11	4	8	100	8		64	61	58	81	22	13	10	37	4		RF	50	50	50	100	28	4																
07	10	80	7		54	54	53	96	18	10	8	UNL	10		61	59	58	90	24	6	10	60	4		F	48	48	47	96	31	7																
10	10	200	12		69	64	60	73	21	19	10	250	15		68	57	48	49	30	8	10	100	7			50	46	42	74	34	10																
13	10	40	12		75	65	59	58	23	24	10	90	15		69	60	53	57	18	9	10	120	8			53	48	42	66	29	14																
16	10	80	10		76	65	58	54	23	17	10	24	4	RWF	56	55	54	93	34	14	10	100	10			52	45	37	57	30	11																
19	5	UNL	10		71	63	57	61	22	10	10	36	5	RWF	53	52	51	93	33	7	2	UNL	10			49	42	34	56	30	9																
22	4	UNL	8		61	58	56	84	18	11	10	50	6	RWF	52	51	50	93	04	8	0	UNL	10			45	40	32	61	26	7																
APR 7th																APR 8th																APR 9th															
01	0	UNL	10		43	38	31	63	26	7	10	75	8		41	41	40	96	30	5	10	27	7		R	44	43	42	93	20	6																
04	0	UNL	10		38	36	33	82	20	6	3	UNL	10		38	36	32	79	31	8	10	25	8			43	43	42	96	25	5																
07	1	UNL	10		41	38	35	79	24	5	0	UNL	8		40	37	33	76	31	8	10	20	7			44	43	42	93	28	6																
10	10	200	15		49	42	32	52	30	11	7	40	15		46	40	32	58	31	8	8	31	12			50	45	38	64	31	16																
13	10	200	15		51	43	32	48	26	5	10	47	15		51	42	31	47	26	12	10	50	12			54	45	34	47	30	14																
16	10	38	7		45	42	39	80	14	7	10	60	10		51	43	34	52	22	13	10	220	15			53	42	26	35	30	14																
19	10	19	2	8	RF	42	41	40	93	36	11	10	55	10	RW	46	43	39	77	20	10	10	180	12			50	38	18	28	29	10															
22	10	40	7		42	42	41	96	33	7	10	18	8	R	44	43	41	89	17	9	6	UNL	12			46	37	23	40	23	5																
APR 10th																APR 11th																APR 12th															
01	6	UNL	12		40	34	24	53	25	3	10	200	12		36	30	20	52	31	5	0	UNL	12			32	29	24	72	33	6																
04	8	UNL	12		36	34	31	82	33	5	10	200	12		36	30	17	46	36	7	0	UNL	12			34	30	23	64	31	3																
07	8	UNL	10		41	37	31	68	00	0	6	UNL	15		37	30	15	41	36	8	0	UNL	8			35	33	29	79	26	3																
10	10	UNL	15		49	39	22	35	29	19	0	UNL	15		44	34	17	34	16	5	1	UNL	10			50	40	24	36	23	12																
13	10	UNL	15		46	38	25	44	32	19	0	UNL	15		49	37	17	28	22	4	5	UNL	10			54	42	23	30	23	10																
16	8	UNL	15		44	35	19	37	32	17	0	UNL	15		50	38	17	27	30	8	5	UNL	12			53	43	30	42	17	16																
19	10	140	15		38	29	7	27	32	7	0	UNL	10		43	34	18	37	32	5	10	250	12			48	42	33	56	17	14																
22	10	110	12		38	30	15	39	28	4	0	UNL	12		41	34	21	45	21	3	3	UNL	12			46	38	27	48	18	14																
APR 13th																APR 14th																APR 15th															
01	8	UNL	10		41	39	35	79	18	7	0	UNL	12		38	34	26	62	33	7	10	200	12			48	45	41	77	08	6																
04	0	UNL	10		39	38	36	89	07	3	0	UNL	12		36	34	30	79	35	4	10	40	7			48	46	44	86	17	5																
07	0	UNL	7		43	40	37	80	14	4	0	UNL	9		38	36	33	82	28	4	10	50	2		RF	48	48	47	96	12	4																
10	5	UNL	10		52	46	38	59	15	11	0	UNL	8		50	41	29	45	00	0	10	3	1		RF	50	50	50	100	10	7																
13	10	50	10		54	47	40	59	16	14	0	UNL	10		58	46	32	38	16	11	10	3	1		RF	53	53	52	96	12	9																
16	7	65	9		55	45	32	42	33	12	0	UNL	12		59	45	28	31	23	9	10	7	2		RF	53	53	52	96	06	9																
19	4	UNL	10		48	46	44	86	19	5	10	UNL	12		50	45	38	64	17	14	10	7	2		RF	53	53	52	96	02	10																
22	0	UNL	10		42	35	24	49	32	7	10	200	12		49	46	42	77	16	12	10	10	7		R	51	51	50	96	35	13																
APR 16th																APR 17th																APR 18th															
01	10	11	12		51	50	49	93	34	11	0	UNL	10		44	43	42	93	00	0	9	250	7			55	53	51	87	20	6																
04	10	17	12		50	48	45	83	34	14	0	UNL	4		41	40	39	93	01	4	10	100	8			61	56	51	70	24	9																
07	10	32	15		51	49	46	83	32	11	0	UNL	3		44	43	42	93	00	0	10	90	7			61	57	53	75	27	5																
10	10	26	15		53	50	46	77	32	7	4	UNL	8		65	53	41	42	24	8	5	UNL	8			71	62	55	57	31	15																
13	10	33	12		55	50	46	72	31	15	2	UNL	12		71	54	38	30	22	16	7	250	8			74	62	54	50	31	13																
16	10	35	12		56	50	43	62	32	11	7	120	12		72	57	44	37	21	13	10	UNL	12			76	62	52	43	35	3																
19	0	UNL	12		54	48	42	64	27	4	8	UNL	10		64	56	50	61	17	7	10	50	7		RW	66	61	58	76	24	6																
22	0	UNL	12		48	45	42	80	00	0	5	UNL	10		58	54	51	78	16	4	10	28	4		F	61	60	60	97	25	6																

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

APR 1989 13781
WILMINGTON, DE

HOUR L.S.T.	VISIBILITY			TEMPERATURE				WIND		WEATHER	VISIBILITY			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)																																					
APR 19th																			APR 20th																			APR 21st																		
01	10	24	8	56	54	52	87	34	7	0	UNL	15	41	37	32	70	30	6	0	UNL	12	47	42	35	63	23	6																													
04	10	17	8	52	50	48	86	35	12	0	UNL	10	38	36	34	86	33	5	0	UNL	12	46	42	37	71	17	5																													
07	10	40	8	47	45	42	83	01	9	0	UNL	10	45	41	35	68	33	5	10	250	8	47	44	41	80	00	0																													
10	4	UNL	15	53	46	39	59	36	13	0	UNL	12	59	45	28	31	36	12	10	200	12	60	50	39	46	24	6																													
13	0	UNL	15	59	48	36	42	01	13	0	UNL	12	62	48	30	30	35	9	8	100	12	66	52	38	36	33	5																													
16	0	UNL	15	60	48	34	38	28	8	1	UNL	15	63	48	29	28	30	9	10	85	8	64	51	38	38	30	10																													
19	0	UNL	15	54	43	29	38	31	10	3	UNL	15	58	45	29	33	24	5	2	UNL	8	56	50	43	62	29	7																													
22	0	UNL	15	49	42	33	54	26	5	0	UNL	15	52	43	32	47	24	6	0	UNL	8	51	47	43	74	28	7																													
APR 22nd																			APR 23rd																			APR 24th																		
01	0	UNL	10	49	44	39	69	32	6	0	UNL	15	38	30	14	37	02	5	0	UNL	15	45	37	24	44	06	10																													
04	0	UNL	10	47	39	28	48	00	0	0	UNL	15	34	28	17	50	24	7	0	UNL	15	38	34	27	65	29	5																													
07	0	UNL	15	47	37	20	34	36	14	0	UNL	15	39	32	19	45	29	12	1	UNL	15	43	38	30	60	28	6																													
10	7	UNL	15	52	39	18	25	27	9	0	UNL	15	47	37	19	33	32	15	0	UNL	15	53	41	24	32	32	10																													
13	6	UNL	15	57	44	26	30	31	13	0	UNL	15	55	42	22	28	32	17	0	UNL	15	59	45	26	28	29	12																													
16	8	250	15	57	44	28	33	29	17	0	UNL	15	59	44	22	24	32	16	0	UNL	15	64	48	27	25	31	12																													
19	0	UNL	15	54	40	18	24	01	10	0	UNL	15	52	40	23	32	30	6	3	UNL	15	60	45	26	27	26	5																													
22	0	UNL	15	46	35	16	30	04	10	0	UNL	15	45	38	29	54	29	4	0	UNL	15	52	44	33	49	24	6																													
APR 25th																			APR 26th																			APR 27th																		
01	0	UNL	15	45	40	33	63	31	5	7	UNL	12	50	47	44	80	03	5	0	UNL	10	55	47	38	53	33	5																													
04	0	UNL	12	43	38	32	65	29	3	8	250	10	50	47	44	80	00	0	7	80	10	50	45	40	59	32	5																													
07	8	80	10	49	43	36	61	22	3	10	220	6	53	50	47	80	02	4	4	UNL	15	56	48	40	55	32	4																													
10	10	UNL	15	63	48	30	29	30	7	5	UNL	7	67	54	42	40	09	8	1	UNL	15	69	52	33	27	32	4																													
13	10	UNL	15	69	54	39	34	29	11	10	250	7	72	57	45	38	09	4	8	UNL	15	72	55	38	29	17	9																													
16	10	200	12	69	55	42	38	30	10	10	80	10	73	59	47	40	30	11	7	UNL	15	73	58	46	38	09	3																													
19	8	UNL	12	65	52	40	40	00	0	0	UNL	7	68	57	48	49	28	9	2	UNL	15	61	51	41	48	19	12																													
22	7	UNL	12	57	51	46	67	13	6	0	UNL	10	59	53	48	67	01	6	7	95	12	61	53	45	56	01	7																													
APR 28th																			APR 29th																			APR 30th																		
01	10	70	12	60	48	34	38	01	14	10	55	12	55	47	39	55	15	12	10	4	2	8	F	53	53	100	34	5																												
04	2	UNL	12	53	44	32	45	02	12	10	50	12	55	49	43	64	12	5	10	4	4	8	F	52	52	100	01	5																												
07	5	UNL	15	53	44	33	47	02	12	16	45	15	56	51	46	69	12	8	10	11	2	8	F	53	53	52	96	34	6																											
10	7	UNL	15	59	46	31	35	03	6	10	40	12	56	52	48	75	14	8	10	12	2	8	FH	59	57	55	87	34	9																											
13	3	UNL	15	63	48	31	30	10	7	10	21	3	53	53	52	96	10	8	5	UNL	4	67	61	57	70	05	6																													
16	5	UNL	15	66	51	34	31	16	10	10	7	1	55	55	54	97	05	10	4	UNL	4	75	66	60	60	28	3																													
19	10	75	15	57	51	46	67	16	10	10	5	1	55	55	54	97	03	8	2	UNL	4	69	64	61	76	20	5																													
22	10	80	12	55	49	43	64	14	11	10	5	3	53	53	52	96	02	8	0	UNL	4	61	60	59	93	17	7																													

SUMMARY BY HOURS

HOUR L.S.T.	SKY COVER (TENTHS)	STATION PRESSURE (INCHES)	AVERAGES				RESULTANT WIND		
			TEMPERATURE			REL HUMIDITY %	WIND SPEED (MPH)	DIRECTION	SPEED (MPH)
			AIR TEMP OF	WET BULB OF	DEW POINT OF				
01	5	29.920	47	43	37	72	8.1	31	28
04	5	29.920	45	41	37	76	7.1	31	27
07	6	29.960	47	43	38	75	7.5	31	3.3
10	10	29.960	55	47	36	52	11.4	30	5.5
13	7	29.930	59	49	38	48	13.2	28	5.4
16	7	29.890	60	50	38	48	12.8	29	6.4
19	6	29.900	54	47	39	59	9.6	25	2.9
22	4	29.930	50	45	39	69	8.0	23	1.6

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

APR 1989
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			T	T	T	T	0.04	0.03	0.04	0.01	T											T	T	03	
04																								04	
05		T	T																					05	
06	0.05	0.06	0.04	0.04	0.01	0.01	T	0.02	T		T											0.01	0.06	0.07	06
07																									07
08																									08
09	T	0.04	0.02	T							T	T													09
10																									10
11																									11
12																									12
13																									13
14																									14
15				T	T	0.01	0.01	0.01	0.03	0.06	0.07	0.03	0.04	0.08	0.03	0.08	0.05	0.04	0.04	0.06	0.06	0.05	T	T	15
16																									16
17																									17
18																			0.03	0.03	T			T	18
19	T	0.01	T	T	0.07	0.05	0.01																		19
20																									20
21																									21
22																									22
23																									23
24																									24
25																									25
26																									26
27																									27
28																									28
29								0.01	T	T	0.12	0.07	0.12	0.03	T	0.03	0.08	0.10	T	0.01	0.01	0.01	0.01	0.01	29
30																									30

MAXIMUM SHORT DURATION PRECIPITATION

TIME PERIOD (MINUTES)	5	10	15	20	30	45	60	80	100	120	150	180
PRECIPITATION (INCHES)	0.04	0.06	0.07	0.08	0.11	0.14	0.15	0.17	0.22	0.26	0.30	0.31
ENDED: DATE	29	29	29	29	29	29	29	29	29	29	29	29
ENDED: TIME	1200	1057	1102	1107	1102	1240	1248	1256	1216	1240	1256	1336

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:
DON GRISINGER

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