

APR 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

APR 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	FATEST 1-MIN	MINUTES	PERCENT OF TOTAL POSSIBLE	SUNRISE TO SUNSET	MIDNIGHT TO MIDNIGHT			
01	58	47	53	5	6	42	12	0	0	0.04	0.0	30.180	12	5.4	7.4	15	SE	12	18			10	10	
02	64	49	57	9	47	8	0	0	0	0.00	0.0	30.170	11	5.7	8.2	17	S	15	17			8	7	
03	61	50	56	8	51	9	0	1	2	0.00	0.0	30.010	14	6.2	7.5	15	S	12	17			10	10	
04	73	57	65*	17	58	0	0	0	1	0.03	0.0	29.750	21	9.5	11.6	25	SW	16	22			9	8	
05	74*	49	62	13	45	3	0	0	0	0.00	0.0	29.810	31	6.5	9.3	25	NW	16	32			1	1	
06	64	44	54	5	43	11	0	0	0	0.02	0.0	29.720	10	14.1	14.6	33	E	22	09			9	8	
07	47	43	45	-5	42	20	0	1	3	0.91	0.0	29.490	06	19.9	20.6	39	NE	28	08			10	10	
08	53	43	48	-2	40	17	0	1	0	0.01	0.0	29.640	36	12.7	13.8	32	N	21	34			10	10	
09	61	42	52	2	35	13	0	0	0	0.00	0.0	29.780	34	14.9	15.6	35	N	21	34			6	6	
10	62	35	49	-2	30	16	0	0	0	0.00	0.0	29.810	35	11.9	12.5	28	NW	20	36			0	0	
11	64	39	52	1	35	13	0	0	0	0.00	0.0	29.830	05	3.9	7.9	31	SE	14	02			3	2	
12	55	41	48	-3	35	17	0	0	0	0.00	0.0	29.925	09	10.8	11.4	25	E	17	10			9	9	
13	52	37	45	-7	30	20	0	0	0	0.00	0.0	29.910	07	13.0	14.0	31	NE	21	09			3	3	
14	51	36	44	-8	34	21	0	0	0	0.00	0.0	29.940	13	7.6	9.3	23	SE	16	15			8	8	
15	58	41	50	-2	41	15	0	1	8	0.09	0.0	29.800	01	1.5	8.0	36	NW	21	31			7	9	
16	49	36	43	-10	27	22	0	0	0	0.02	T	29.860	30	13.6	14.3	33	NW	21	34			6	5	
17	66	37	52	-1	31	13	0	0	0	0.00	0.0	29.760	23	8.4	10.4	26	SW	16	30			0	1	
18	64	43	54	-1	41	11	0	1	0	0.18	0.0	29.430	24	7.9	10.2	31	SW	16	32			10	7	
19	48	37	43*	-11	28	22	0	0	0	0.00	0.0	29.620	29	3.3	8.7	24	NW	16	30			10	6	
20	58	36	47	-7	23	18	0	0	0	0.00	0.0	29.710	27	9.4	11.9	30	NW	18	32			3	4	
21	59	41	50	-4	30	15	0	0	0	0.00	0.0	29.530	31	11.3	12.9	35	NW	25	32			6	5	
22	60	34*	47	-8	24	18	0	0	0	0.00	0.0	29.780	31	9.6	10.7	29	NW	21	28			1	2	
23	55	37	46	-9	33	19	0	1	3	0.24	0.0	29.795	14	6.1	9.8	24	SE	16	14			10	9	
24	60	45	53	-2	39	12	0	2	0	0.00	0.0	29.600	30	13.3	13.9	40	NW	25	31			8	8	
25	63	39	51	-5	29	14	0	0	0	0.00	0.0	29.800	30	11.0	11.7	32	NW	20	31			0	1	
26	62	45	54	-2	33	11	0	0	0	0.00	0.0	29.835	15	8.0	9.9	24	S	17	16			7	5	
27	70	46	58	2	46	7	0	0	0	0.97	0.0	29.720	15	7.8	11.6	33	SE	23	13			5	7	
28	59	43	51	-5	39	14	0	1	3	0.03	0.0	29.640	28	8.3	10.7	35	NW	23	30			7	6	
29	57	41	49	-8	37	16	0	0	0	0.05	0.0	29.650	26	11.3	11.5	29	NW	17	28			9	9	
30	61	45	53	-4	40	12	0	0	0	T	0.0	29.830	31	10.0	10.7	29	NW	21	33			8	9	
SUM	SUM					TOTAL	TOTAL			TOTAL	TOTAL	FOR THE MONTH:					TOTAL	%	SUM	SUM				
1788	1258					419	0			2.59	T	29.780	33	1.9	11.4	40	NW	28	08			FOR	193	185
AVG.	AVG.	AVG.	DEP.	AVG.	DEP.	DEP.				PRECIPITATION	DEP.					DATE: 24	DATE: 7	POSSIBLE	MONTH			AVG.	AVG.	
59.6	41.9	50.8	-1.6	36.9	41	0				≥ .01 INCH.	0											6.4	6.2	
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.				4846	0	THUNDERSTORMS		PRECIPITATION		SNOW, ICE PELLETS												
≥ 90°	≤ 32°	≤ 32°	≤ 0°			DEP.	DEP.	HEAVY FOG		1.00		27-28			trace			16						
0	0	0	0			-4	0	CLEAR		8		PARTLY CLOUDY			7			CLOUDY			15			

\* 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. Hadlee*  
DIRECTOR  
NATIONAL CLIMATIC DATA CENTER

OBSERVATIONS AT 3-HOUR INTERVALS

APR 1988  
WILMINGTON, DE 13781

HOUR	L. S. T.	VISI-BILITY				TEMPERATURE				WIND		SKY COVER (TENTHS)	VISI-BILITY				TEMPERATURE				WIND																																												
		CEILING IN HUNDREDS OF FEET	WHOLE MILES	16THS MILE	WEATHER	AIR OF	WET BULB OF	DEW POINT OF	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)		CEILING IN HUNDREDS OF FEET	WHOLE MILES	16THS MILE	WEATHER	AIR OF	WET BULB OF	DEW POINT OF	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)																																											
APR 1st																						APR 2nd																						APR 3rd																					
01	9	70	12		49	43	36	61	13	5	10	75	7		49	47	45	86	07	5	10	9	7		51	49	47	86	10	7																																			
04	10	60	12		49	43	35	59	07	5	10	75	5	F	50	48	46	86	05	8	10	6	6	F	51	50	48	90	12	6																																			
07	10	13	8	RW	47	45	42	83	07	6	10	85	4	F	50	48	45	83	08	4	10	5	2	F	51	50	48	90	09	8																																			
10	10	20	9		50	46	42	74	11	9	10	13	4	H	52	49	45	77	07	8	10	2	1	8	52	51	50	93	16	5																																			
13	10	21	9		57	49	41	55	12	7	9	25	7		60	54	48	65	07	4	10	10	4	FH	57	54	52	84	17	6																																			
16	10	20	8		55	51	48	77	19	8	4	UNL	7		63	56	50	63	14	6	10	100	6	H	59	55	52	78	18	7																																			
19	10	200	7		51	49	47	86	18	7	2	UNL	7		53	50	47	80	18	10	9	100	6	H	60	57	54	81	16	8																																			
22	10	200	8		50	47	44	80	11	7	6	UNL	7		51	48	45	80	13	6	8	250	6	F	58	56	55	90	17	10																																			
APR 4th																						APR 5th																						APR 6th																					
01	10	55	8		58	56	54	87	16	11	2	UNL	12		59	50	40	50	30	4	0	UNL	10		59	52	45	60	08	8																																			
04	10	85	10		64	61	58	81	20	13	0	UNL	12		51	46	41	69	27	5	0	UNL	10		54	49	44	69	07	7																																			
07	10	30	8		64	61	59	84	20	12	0	UNL	12		53	48	43	69	28	7	8	UNL	8		54	49	44	69	09	11																																			
10	10	11	5	RWH	63	62	61	93	20	13	0	UNL	12		65	55	46	50	30	10	10	UNL	12		62	53	45	54	11	13																																			
13	10	15	7		67	63	61	81	23	12	0	UNL	10		71	58	48	44	30	12	10	250	12		62	53	45	54	12	14																																			
16	8	UNL	10		73	64	58	60	22	8	2	UNL	10		73	59	47	40	30	13	10	220	10		51	47	42	72	09	14																																			
19	3	UNL	10		67	62	58	73	21	6	3	UNL	12		69	56	45	42	00	0	10	10	10		46	44	41	83	09	19																																			
22	5	UNL	10		62	60	58	87	29	9	5	UNL	10		63	55	47	56	15	4	10	8	7		45	43	41	86	08	14																																			
APR 7th																						APR 8th																						APR 9th																					
01	10	8	7		44	43	41	89	08	18	10	10	4	RF	46	45	43	89	04	12	10	32	10		42	38	32	68	35	10																																			
04	10	6	4		43	42	41	93	08	22	10	12	5	F	47	44	42	86	02	9	10	31	12		42	38	32	68	34	9																																			
07	10	9	2	L	43	42	41	93	05	18	10	34	7		46	44	41	80	02	9	10	48	15		43	38	32	65	33	15																																			
10	10	8	3	RF	44	43	42	93	05	20	10	26	8		52	48	43	72	03	10	10	100	15		50	43	35	57	34	13																																			
13	10	9	4	RF	44	43	41	89	08	20	10	21	7		52	49	46	80	36	8	5	UNL	15		57	48	39	51	35	18																																			
16	10	9	6	RW	45	44	42	89	05	18	10	29	10		50	45	39	66	34	12	0	UNL	15		60	50	40	48	32	16																																			
19	10	14	6	F	46	44	42	86	06	18	10	50	10		46	41	34	63	34	14	0	UNL	15		53	46	37	55	32	14																																			
22	10	10	4	RF	46	45	43	89	03	12	10	40	10		44	39	33	65	33	16	4	UNL	15		46	41	34	63	01	10																																			
APR 10th																						APR 11th																						APR 12th																					
01	0	UNL	15		42	37	30	63	32	14	0	UNL	15		45	40	33	63	36	7	6	70	7		44	41	37	77	06	4																																			
04	0	UNL	15		40	35	28	62	34	9	0	UNL	15		39	36	31	73	32	5	9	34	7		43	40	37	80	09	4																																			
07	0	UNL	15		44	38	29	56	35	12	0	UNL	15		45	40	34	66	35	7	10	22	10		45	41	37	74	08	8																																			
10	0	UNL	15		52	43	31	45	36	17	0	UNL	15		56	46	34	44	04	8	10	24	10		47	42	36	66	09	12																																			
13	0	UNL	15		58	46	32	38	01	14	1	UNL	15		61	48	33	35	28	4	10	31	10		50	44	36	59	14	10																																			
16	0	UNL	15		61	47	30	31	36	9	10	70	10		61	48	32	34	08	5	4	UNL	12		53	43	31	43	09	14																																			
19	0	UNL	15		55	44	30	39	36	10	2	UNL	8		51	45	39	64	13	9	10	200	12		48	42	33	56	11	10																																			
22	0	UNL	15		48	41	32	54	34	7	2	UNL	8		44	42	39	83	11	7	10	200	12		42	38	33	71	09	9																																			
APR 13th																						APR 14th																						APR 15th																					
01	10	200	8		40	36	31	70	06	10	10	19	10		40	37	32	73	09	8	10	13	8		42	40	37	83	04	5																																			
04	8	UNL	7		38	35	31	76	05	10	6	20	10		39	36	31	73	06	5	10	8	7		42	41	39	89	09	6																																			
07	10	23	10		40	36	30	68	07	16	10	22	10		41	37	31	68	10	8	10	5	0	12	LF	43	43	42	96	02	6																																		
10	2	UNL	15		47	40	31	54	05	17	8	25	12		45	40	32	61	09	6	10	6	4		47	46	44	89	14	4																																			
13	0	UNL	15		51	42	30	45	08	15	4	UNL	15		49	42	34	56	17	9	5	UNL	7		54	48	42	64	09	4																																			
16	0	UNL	15		51	41	28	41	09	13	10	220	12		48	43	36	63	15	13	0	UNL	7		57	50	42	58	17	9																																			
19	0	UNL	15		47	39	27	46	10	10	7	220	12		44	41	36	74	16	12	10	34	4		48	46	43	83	31	18																																			
22	0	UNL	12		40	37	32	73	09	11	3	UNL	10		42	39	35	76	14	10	10	70	10		44	41	38	80	32	8																																			
APR 16th																						APR 17th																						APR 18th																					
01	7	85	10		40	38	34	79	30	8	6	41	15		37	34	29	73	24	7	0	UNL	10		51	42	31	47	19	6																																			
04	6	36	10		38	34	28	67	30	11	2	UNL	10		37	34	30	76	23	5	0	UNL	10		51	42	31	47	20	9																																			
07	0	UNL	10		38	33	25	60	30	14	0	UNL	9		41	37	31	68	25	9	10	85	10		57	45	31	37	22	12																																			
10	6	35	12		45	37	23	42	30	14	0	UNL	12		56	45	31	39	26	10	10	75	10		64	53	42	45	24	14																																			
13	8	50	10		46	37	22	39	34	18	0	UNL	15		63	48	30	29	31	8	10	55	5		59	56	53	81	23	10																																			
16	10	UNL	12		46	39	28	50	30	15	0	UNL	15		65	49	30	27	22	13	10	14	3		57	55	54	90	27	5																																			
19	7	39	12	RW	40	36	31	70	31	14	0	UNL	15		60	47	31	34	19	10	10	75	7		51	48	44	77	30	7																																			
22	0	UNL	15		40	35	27	60	28	11	0	UNL	15		53	43	31	43	18	6	6	110	10		46	43	39	77	33	4																																			

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 1988  
WILMINGTON, DE 13781

HOUR L.S.T.	SKY COVER (TENTHS)			VISI-BILITY			TEMPERATURE			WIND			SKY COVER (TENTHS)	VISI-BILITY			TEMPERATURE			WIND			SKY COVER (TENTHS)	VISI-BILITY			TEMPERATURE			WIND																																																					
	CEILING IN HUNDREDS OF FEET	WHOLE MILES	16THS MILE	WEATHER	AIR °F	WET BULB °F	DEW POINT °F	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)	CEILING IN HUNDREDS OF FEET	WHOLE MILES		16THS MILE	WEATHER	AIR °F	WET BULB °F	DEW POINT °F	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)	CEILING IN HUNDREDS OF FEET		WHOLE MILES	16THS MILE	WEATHER	AIR °F	WET BULB °F	DEW POINT °F	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)																																																			
APR 19th																												APR 20th																												APR 21st																											
01	6	80	12		44	41	36	74	34	7	0	UNL	12		42	33	16	35	30	9	9	80	15		47	41	34	61	18	6																																																					
04	2	UNL	12		38	34	28	67	36	5	0	UNL	12		36	30	20	52	28	7	10	70	12		47	43	37	68	19	5																																																					
07	10	250	12		41	36	27	58	01	5	0	UNL	15		40	34	24	53	26	10	7	90	7		48	44	40	74	34	5																																																					
10	10	70	12		43	35	22	43	03	8	4	UNL	15		48	39	24	39	32	16	9	48	15		57	46	34	42	32	22																																																					
13	10	75	12		44	36	23	44	22	4	5	UNL	15		54	42	26	34	27	15	3	UNL	15		58	46	31	36	30	20																																																					
16	8	90	10		45	40	34	66	16	9	3	UNL	15		58	44	24	27	28	15	3	UNL	15		57	43	25	29	30	15																																																					
19	2	UNL	7		42	39	35	76	24	9	10	230	15		54	42	24	31	20	6	3	UNL	12		50	39	22	33	28	12																																																					
22	1	UNL	8		40	37	32	73	29	9	10	75	15		54	43	27	35	22	7	0	UNL	10		43	36	24	47	33	7																																																					
APR 22nd																												APR 23rd																												APR 24th																											
01	0	UNL	10		39	33	22	51	30	5	2	UNL	12		45	36	21	39	02	4	10	1	0	14	F	48	48	48	100	36	7																																																				
04	0	UNL	10		36	32	24	62	30	6	3	UNL	12		38	35	29	70	28	5	10	1	0	4	F	48	48	47	96	35	3																																																				
07	3	UNL	15		43	36	24	47	27	11	10	110	12		44	39	31	60	00	0	10	1	0	4	F	48	48	48	100	30	6																																																				
10	2	UNL	15		51	40	24	35	32	11	10	60	12		53	42	28	38	17	12	10	44	7		58	50	41	53	31	17																																																					
13	0	UNL	15		56	43	25	30	32	14	10	50	15		53	43	29	40	14	13	10	50	10		55	47	38	53	32	22																																																					
16	0	UNL	12		59	44	23	25	30	13	10	35	15		54	44	31	42	16	12	9	48	12		54	45	33	45	29	19																																																					
19	5	UNL	12		52	41	24	34	30	6	10	95	12		51	42	30	45	14	13	8	55	12		51	42	31	47	31	17																																																					
22	3	UNL	12		46	39	28	50	35	5	10	3	1	4	RWF	48	48	48	100	08	10	4	UNL	12		47	41	32	56	29	9																																																				
APR 25th																												APR 26th																												APR 27th																											
01	0	UNL	12		44	38	28	54	29	8	8	UNL	15		49	41	29	46	04	4	6	UNL	15		48	42	35	61	25	3																																																					
04	0	UNL	12		44	38	29	56	29	10	3	UNL	15		46	39	30	54	09	6	10	UNL	12		47	43	38	71	16	6																																																					
07	0	UNL	15		46	39	28	50	31	10	1	UNL	15		49	41	31	50	10	9	7	UNL	6		K	51	48	45	80	15	7																																																				
10	0	UNL	15		54	44	31	42	33	14	10	250	15		58	46	32	38	16	10	0	UNL	10		61	55	49	65	16	12																																																					
13	0	UNL	15		60	47	31	34	31	15	10	250	15		61	48	32	34	17	12	1	UNL	10		70	59	50	49	17	15																																																					
16	1	UNL	15		63	48	29	28	29	12	8	250	15		60	47	32	35	19	13	10	220	10		64	54	44	48	14	16																																																					
19	2	UNL	15		57	44	27	32	28	6	0	UNL	15		57	48	39	51	17	11	10	50	8		RW	58	54	50	75	13	6																																																				
22	0	UNL	15		51	41	28	41	27	4	0	UNL	15		53	48	43	69	18	8	10	17	3		TRW	53	53	52	96	06	5																																																				
APR 28th																												APR 29th																												APR 30th																											
01	10	70	15		53	52	45	93	33	7	0	UNL	15		42	39	35	76	26	8	10	39	7	R	46	45	43	89	25	8																																																					
04	2	UNL	8		47	46	45	93	31	8	9	50	12		43	40	36	76	25	7	10	36	7		45	41	37	74	28	6																																																					
07	7	85	6	FH	49	47	44	83	30	7	10	80	10		46	42	38	74	24	6	10	23	12		46	42	36	68	32	12																																																					
10	3	UNL	12		57	48	37	47	30	15	8	40	10		52	45	37	57	26	12	10	35	12		53	50	46	77	33	15																																																					
13	10	31	15	RW	52	44	35	53	22	10	10	44	10		55	45	32	42	27	15	6	35	15		59	51	42	54	32	14																																																					
16	8	60	15		57	46	33	40	30	13	10	32	12		51	43	32	48	25	13	5	UNL	15		60	49	38	44	30	12																																																					
19	7	41	15		50	43	35	57	29	10	10	28	5		RW	47	45	43	86	25	11	10	70	15		55	47	38	53	32	7																																																				
22	0	UNL	15		45	41	36	71	27	10	10	28	7		RW	46	45	43	89	25	10	10	70	12		53	47	40	62	30	4																																																				

SUMMARY BY HOURS

HOUR L.S.T.	SKY COVER (TENTHS)	AVERAGES						RESULTANT WIND	
		STATION PRESSURE (INCHES)	TEMPERATURE			WIND SPEED (MPH)	DIRECTION	SPEED (MPH)	
			AIR TEMP °F	WET BULB °F	DEW POINT °F				
01	6	29.790	46	41	35	68	8.7	36	2.4
04	6	29.770	44	41	36	73	8.5	35	1.5
07	7	29.800	47	42	37	70	10.3	35	2.7
10	7	29.790	53	46	37	57	14.1	34	3.8
13	6	29.770	57	48	38	52	13.8	30	2.7
16	6	29.740	57	48	37	50	13.5	27	2.6
19	6	29.760	52	45	37	60	11.9	26	1.4
22	5	29.780	48	43	38	70	9.6	34	1.3

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

APR 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					T	0.04	T	T																01	
02																								02	
03																								03	
04		T	T		T				T	0.03	T	T												04	
05																								05	
06																								06	
07	T	T	T	T	0.25	0.14	0.11	0.05	0.05	0.08	0.05	0.02	0.06	0.01	T	T	0.01		T	0.01	0.02	0.02	T	06	
08	0.01	T	T									T	T									0.05	T	07	
09																								08	
10																								09	
11																								10	
12																								11	
13																								12	
14																								13	
15		T	T	T			T	T	T	T								0.02	0.05	0.02				14	
16												T	T				T	T						15	
17																								16	
18													T	T	0.02	0.01			0.03	0.11	0.01	T		17	
19																								18	
20																								19	
21																								20	
22																								21	
23																					0.16	0.08	T	22	
24																								23	
25																								24	
26																								25	
27																								26	
28												0.01	T	0.02	T	T	T	T	0.02	0.07	0.30	0.37	0.20	0.01	27
29																									28
30	T	T	T																						29
																									30

MAXIMUM SHORT DURATION PRECIPITATION

TIME PERIOD (MINUTES)	5	10	15	20	30	45	60	80	100	120	150	180
PRECIPITATION (INCHES)	0.11	0.16	0.18	0.21	0.24	0.32	0.40	0.53	0.62	0.74	0.83	0.88
ENDED: DATE	07	07	07	07	27	07	27	27	27	27	27	27
ENDED: TIME	0437	0438	0444	0450	2121	0514	2115	2212	2155	2215	2241	2236

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:  
JAY HOLLIFIELD

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