

OCT 1986
 WILMINGTON, DE
 NAT'L WEA SER OFC
 AIRPORT TERMINAL BLDG

ISSN 0198-117X



LOCAL CLIMATOLOGICAL DATA Monthly Summary

GREATER WILMINGTON AIRPORT

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

OCT 1986
 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. 12	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	AVERAGE SPEED	FASTEST MILE		PERCENT OF TOTAL POSSIBLE	SUNRISE TO SUNSET	MIDNIGHT TO MIDNIGHT							
1	2	3	4	5	6	7A	7B	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22					
01	84	70	77*	15	69	0	12	1 3 8	0	1.99	0.0	29.890	27	2.7	7.9	15	31			6	6	01					
02	84*	67	76	14	66	0	11	2	0	T	0.0	29.890	29	6.3	8.4	14	31			5	6	02					
03	75	61	68	7	63	0	3	1 8	0	0.06	0.0	29.920	15	4.3	8.6	14	16			10	8	03					
04	80	72	76	15	70	0	11		0	0.01	0.0	29.630	25	8.8	9.2	16	23			9	9	04					
05	76	58	67	7	56	0	2		0	T	0.0	29.680	31	8.0	9.2	16	36			4	4	05					
06	62	44	53	-7	40	12	0		0	0.00	0.0	29.860	30	13.1	14.1	23	30			4	3	06					
07	60	38	49	-11	37	16	0		0	0.00	0.0	30.160	28	5.0	6.6	15	26			3	2	07					
08	73	43	58	-1	51	7	0		0	0.00	0.0	30.120	23	5.6	7.3	18	22			2	1	08					
09	77	55	66	7	56	0	1	2 8	0	0.00	0.0	30.030	33	3.3	6.8	17	01			7	7	09					
10	55	44	50	-8	32	15	0		0	0.00	0.0	30.295	04	10.1	11.8	18	01			8	7	10					
11	60	42	51	-7	41	14	0		0	0.00	0.0	30.350	05	9.6	10.3	16	03			8	9	11					
12	68	49	59	1	52	6	0		0	0.00	0.0	30.200	12	2.6	7.2	9	18			7	8	12					
13	64	60	62	5	61	3	0	1	0	0.44	0.0	29.980	18	6.0	7.0	13	18			10	10	13					
14	74	48	61	4	58	4	0	1	0	0.66	0.0	29.730	28	6.3	9.0	18	31			10	9	14					
15	59	42	51	-6	36	14	0		0	0.00	0.0	29.960	30	8.8	9.3	16	32			3	4	15					
16	61	39	50	-6	38	15	0		0	0.00	0.0	29.990	31	6.1	6.5	12	28			5	4	16					
17	54	40	47	-9	43	18	0	1 8	0	T	0.0	30.060	34	6.1	6.4	9	33			10	8	17					
18	60	41	51	-4	39	14	0	1	0	0.00	0.0	30.310	36	7.8	8.7	15	04			4	4	18					
19	61	35*	48	-7	33	17	0		0	0.00	0.0	30.300	33	7.3	8.1	12	30			0	0	19					
20	65	39	52	-3	37	13	0		0	0.00	0.0	30.165	32	6.2	6.8	12	34			0	0	20					
21	68	39	54	0	42	11	0	1	0	0.00	0.0	30.070	26	4.6	5.3	9	24			1	3	21					
22	70	47	59	5	51	6	0	1 8	0	0.00	0.0	30.080	18	2.0	5.2	10	15			0	1	22					
23	75	49	62	8	52	3	0	2 8	0	0.00	0.0	30.050	26	5.6	6.1	14	26			10	9	23					
24	67	46	57	4	41	8	0		0	0.00	0.0	30.140	36	6.5	7.6	14	04			5	4	24					
25	57	42	50	-3	35	15	0		0	0.00	0.0	30.190	08	4.3	6.3	8	12			10	9	25					
26	61	52	57	4	55	8	0	1	0	0.76	0.0	29.930	06	6.6	7.9	12	09			10	10	26					
27	57	52	55	3	55	10	0	1	0	0.12	0.0	29.810	02	2.3	4.6	8	03			10	10	27					
28	67	46	57	5	49	8	0	1	0	0.00	0.0	29.990	29	8.7	9.2	18	31			3	3	28					
29	67	42	55	3	48	10	0	1 8	0	0.00	0.0	30.085	22	5.7	6.9	16	20			5	4	29					
30	65	45	55	4	44	10	0	1 8	0	0.00	0.0	30.145	34	7.0	8.9	14	01			1	2	30					
31	55	37	46*	-5	33	19	0		0	0.00	0.0	30.575	05	6.9	8.8	15	05			0	0	31					
SUM	SUM	SUM	SUM	SUM	SUM	TOTAL	TOTAL	NUMBER OF DAYS	TOTAL	TOTAL	TOTAL	FOR THE MONTH:	32	3.0	7.9	23	30	TOTAL	%	SUM	SUM	DATE	6	POSSIBLE	MONTH	5.5	5.3
2061	1484					276	40		4.04	0.0	30.050														170	164	
AVG.	AVG.	AVG.	DEP.	AVG.	DEP.	DEP.	DEP.	PRECIPITATION	DEP.																	5.5	5.3
66.5	47.9	57.2	0.9	47.8	-6	28		> .01 INCH.	7	1.15																	
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.		339		1158		THUNDERSTORMS		PRECIPITATION		SNOW, ICE PELLETS															
> 90°		< 32°		< 32°		< 0°		HEAVY FOG		1.99		01		0													
0		0		0		0		21		143		CLEAR 10		PARTLY CLOUDY 10		CLOUDY 11											

* 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. 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.

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, ASHEVILLE, NORTH CAROLINA, 28801

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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

OCT 1986
WILMINGTON, DE 13781

HOUR	L.S.T.	VISI-BILITY				TEMPERATURE				WIND				VISI-BILITY				TEMPERATURE				WIND													
		SKY COVER (TENTHS)	CELLING IN HUNDREDS OF FEET	WHOLE MILES	16THS MILE	AIR OF	WET BULB OF	DEW POINT OF	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)	SKY COVER (TENTHS)	CELLING IN HUNDREDS OF FEET	WHOLE MILES	16THS MILE	AIR OF	WET BULB OF	DEW POINT OF	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)	SKY COVER (TENTHS)	CELLING IN HUNDREDS OF FEET	WHOLE MILES	16THS MILE	AIR OF	WET BULB OF	DEW POINT OF	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)				
OCT 1st												OCT 2nd												OCT 3rd											
01	0	UNL	5	F	75	72	71	87	23	7	10	55	1	8	RWF	69	69	69	100	12	4	0	UNL	10				67	61	57	70	04	6		
04	1	UNL	4	F	72	71	71	97	24	5	8	44	1	4	F	68	68	68	100	26	4	4	UNL	10				63	59	56	78	01	4		
07	6	250	2	FH	72	71	71	97	34	3	10	250	3	3	F	68	68	68	100	27	5	10	130	8			64	59	56	75	03	4			
10	7	110	8		80	73	69	69	27	6	5	UNL	10	10		77	72	69	76	27	10	10	15	6	H	66	63	61	84	09	8				
13	9	95	9		82	72	67	61	30	10	4	UNL	12	10	4	82	72	66	59	31	12	10	21	7		71	67	64	79	17	9				
16	4	UNL	7		83	72	67	59	27	6	3	UNL	12	10	10	83	71	64	53	30	10	10	10	4	F	70	69	68	93	15	11				
19	10	250	7	T	77	72	69	76	11	6	6	UNL	10	10	4	74	67	63	69	29	7	10	4	2	8	RWF	71	71	71	100	17	9			
22	10	15	1	8	TRWF	70	70	70	100	10	10	4	UNL	10	10	10	71	65	62	73	01	8	10	120	4	F	73	70	69	87	22	7			
OCT 4th												OCT 5th												OCT 6th											
01	10	60	8	RW	76	72	70	82	22	10	10	75	10			72	69	67	84	28	9	0	UNL	15			57	53	50	78	26	8			
04	10	95	8		73	71	70	90	26	7	8	250	10			70	66	64	81	30	9	0	UNL	15			60	54	49	67	25	12			
07	10	95	8	R	73	70	69	87	28	6	3	UNL	15			62	58	54	75	36	7	5	UNL	20			56	49	42	60	30	14			
10	10	100	10		76	73	71	85	27	7	3	UNL	20			68	59	53	59	32	10	2	UNL	20			59	48	36	42	30	18			
13	10	55	10		79	74	71	77	25	10	6	50	20			73	62	54	52	30	10	4	UNL	20			62	49	35	37	32	18			
16	10	70	7		76	73	71	85	24	7	6	70	20			72	61	53	51	30	9	8	UNL	20			60	48	34	38	32	13			
19	4	UNL	7		77	72	70	79	24	9	0	UNL	15			63	57	53	70	29	5	0	UNL	15			51	44	36	57	30	6			
22	5	UNL	7		75	72	70	85	24	9	0	UNL	15			59	55	52	78	01	4	0	UNL	15			47	43	38	71	30	4			
OCT 7th												OCT 8th												OCT 9th											
01	3	UNL	15		43	40	37	80	29	5	0	UNL	15			46	43	39	77	27	3	4	UNL	7			60	58	57	90	00	0			
04	2	UNL	15		39	38	36	89	30	6	0	UNL	10			44	43	41	89	36	4	10	250	4	F	57	56	56	97	00	0				
07	4	UNL	15		40	40	38	86	30	4	0	UNL	8			46	45	43	89	00	0	10	0	0	H	60	60	60	100	28	3				
10	3	UNL	15		54	45	33	45	30	10	1	UNL	10			66	59	54	65	24	9	6	250	4		71	66	62	73	31	7				
13	4	UNL	15		59	48	36	42	26	13	5	UNL	10			72	62	54	53	21	11	6	UNL	8		76	63	54	47	27	5				
16	0	UNL	20		59	49	38	46	22	10	2	UNL	10			72	63	56	57	22	9	9	250	8		75	64	56	52	28	6				
19	0	UNL	15		53	46	38	57	20	4	0	UNL	10			67	62	58	73	20	9	8	UNL	8		67	60	54	63	33	3				
22	0	UNL	15		50	45	39	66	32	3	0	UNL	10			63	61	59	87	20	5	6	UNL	8		59	54	50	72	01	15				
OCT 10th												OCT 11th												OCT 12th											
01	10	60	8		52	46	40	64	01	16	8	36	10			47	42	35	63	06	6	10	41	12		56	52	49	78	02	7				
04	8	70	10		47	42	35	63	02	12	10	36	10			44	40	35	71	02	8	10	41	12		54	51	49	83	02	6				
07	10	26	15		44	39	33	65	01	11	7	36	12			46	42	36	68	36	8	0	UNL	10		50	49	47	90	01	4				
10	10	250	15		49	43	35	59	03	12	8	44	15			53	46	39	59	06	12	10	UNL	12		60	54	49	67	08	7				
13	7	250	15		54	44	31	42	05	12	5	UNL	15			59	51	43	56	07	11	9	UNL	12		66	57	50	57	14	6				
16	7	250	15		53	42	25	34	06	8	10	44	15			59	51	43	56	05	8	10	41	12		65	58	53	65	18	8				
19	7	UNL	12		50	42	30	46	07	10	10	48	12			57	51	44	62	06	10	10	34	12		62	59	56	81	18	8				
22	3	UNL	12		47	40	31	54	06	9	10	41	12			55	51	48	77	06	8	10	32	12		62	60	58	87	17	5				
OCT 13th												OCT 14th												OCT 15th											
01	10	34	10		60	59	59	97	14	6	10	2	0	12	LF	63	63	63	100	13	5	8	UNL	15			48	43	38	69	26	6			
04	10	34	8		61	59	58	90	18	8	10	2	1	8	RF	63	62	62	97	17	8	2	UNL	15			45	41	35	68	28	10			
07	10	32	7		61	59	58	90	17	6	10	2	1	8	RF	65	65	65	100	24	5	3	UNL	15			42	38	33	71	27	6			
10	10	8	2	RF	61	60	60	97	19	7	10	3	2	8	RF	67	67	67	100	24	8	3	UNL	15			52	44	33	49	30	11			
13	10	7	3	RF	63	63	63	100	19	8	10	55	10			73	67	64	74	28	9	2	UNL	15			58	47	34	41	29	13			
16	10	8	6	RF	64	63	63	97	18	7	9	250	12			71	64	60	68	30	10	5	UNL	15			59	48	35	41	34	7			
19	10	9	6	F	63	63	63	100	17	6	10	50	12			64	56	50	61	30	14	2	UNL	15			50	44	37	61	28	5			
22	10	5	1	8	F	63	63	63	100	03	3	6	UNL	15			51	45	39	64	31	7	6	60	15		45	43	40	83	31	5			
OCT 16th												OCT 17th												OCT 18th											
01	6	250	15		44	41	38	80	30	5	3	UNL	7			43	42	40	89	33	5	10	48	7		48	46	44	86	31	7				
04	1	UNL	15		43	40	37	80	28	5	2	UNL	5			41	40	39	93	30	5	10	48	4	F	47	46	44	89	36	7				
07	3	UNL	8		40	38	36	86	30	5	10	95	5			43	42	41	93	31	4	9	55	8		48	45	42	80	36	8				
10	7	UNL	10		54	47	40	59	28	7	10	48	4			50	48	45	83	31	5	2	UNL	10			54	47	39	57	03	10			
13	5	UNL	15		59	48	35	41	28	10	10	60	7			54	48	42	64	02	6	3	UNL	15			57	47	36	46	04	13			
16	7	60	10		58	47	35	42	01	5	10	55	7			52	49	46	80	34	7	5	UNL	15			55	47	38	53	01	8			
19	3	UNL	10		52	46	38	59	31	4	10	44	7			50	48	46	86	34	7	0	UNL	15			47	43	39	74	31	7			
22	2	UNL	8		43	42	41	93	31	5	10	48	7			49	47	44	83	36	6	0	UNL	15			41	39	36	83	32	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

OCT 1986
WILMINGTON, DE 13781

HOUR L. S. T.	VISI-BILITY			TEMPERATURE				WIND		SKY COVER (TENTHS)	VISI-BILITY			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)		CEILING IN HUNDREDS OF FEET	WHOLE MILES	16THS MILE	WEATHER	AIR OF	WET BULB OF	DEW POINT OF	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)																																							
OCT 19th																				OCT 20th																				OCT 21st																			
01	0	UNL	15	42	39	34	73	02	7	0	UNL	15		39	37	33	79	31	7	0	UNL	10		44	41	38	80	28	3																														
04	0	UNL	15	39	37	33	79	34	6	0	UNL	15		42	38	31	65	00	0	0	UNL	7		41	40	38	89	29	4																														
07	0	UNL	12	37	35	33	86	32	7	0	UNL	12		41	38	33	73	31	6	2	UNL	6	F	40	39	37	89	30	3																														
10	0	UNL	15	52	44	33	49	36	7	0	UNL	12		57	48	39	51	33	7	0	UNL	7		60	52	44	56	27	5																														
13	0	UNL	15	59	47	33	38	35	9	0	UNL	12		63	51	38	40	35	5	0	UNL	12		68	56	45	44	28	8																														
16	0	UNL	15	60	47	30	32	32	9	0	UNL	12		64	52	39	40	31	6	0	UNL	12		66	55	45	47	24	8																														
19	0	UNL	15	50	42	32	50	27	7	0	UNL	12		53	46	39	59	30	6	5	UNL	10		57	50	42	58	24	5																														
22	0	UNL	15	44	39	33	65	32	8	0	UNL	12		47	43	38	71	30	7	10	UNL	10		56	50	44	64	18	4																														
OCT 22nd																				OCT 23rd																				OCT 24th																			
01	10	UNL	8	53	50	48	83	26	5	3	UNL	3	F	54	52	51	90	20	5	3	UNL	7		56	52	48	75	31	5																														
04	3	UNL	8	51	49	46	83	24	3	8	250	0	F	49	49	48	96	28	3	3	UNL	7		52	50	48	86	33	7																														
07	0	UNL	5	48	47	45	89	00	0	10	2	0	F	50	50	50	100	00	0	6	250	5	H	51	50	48	90	36	6																														
10	0	UNL	7	66	58	51	59	03	8	9	30	3	H	64	59	56	75	29	7	10	34	10		59	52	45	60	01	11																														
13	0	UNL	7	69	60	53	57	15	8	10	110	8		74	62	54	50	26	12	0	UNL	12		65	55	45	49	30	9																														
16	0	UNL	7	69	60	53	57	17	6	10	95	8		71	60	51	49	30	8	7	UNL	15		64	51	38	38	02	8																														
19	1	UNL	4	59	57	55	87	19	5	10	85	8		66	58	52	61	25	6	2	UNL	15		55	46	35	47	01	5																														
22	0	UNL	4	56	54	52	87	20	4	9	95	7		59	55	52	78	30	4	0	UNL	15		52	43	32	47	07	6																														
OCT 25th																				OCT 26th																				OCT 27th																			
01	6	UNL	15	44	38	30	58	02	5	10	50	7	R	53	50	48	83	11	5	10	3	1	8	F	57	56	55	93	01	4																													
04	7	UNL	10	43	38	30	60	01	5	10	15	4	RF	53	51	49	86	10	9	10	2	1	8	F	55	55	54	97	03	5																													
07	10	220	10	45	39	30	56	35	4	10	4	1	RF	54	54	53	96	06	9	10	3	1	8	F	55	55	54	97	02	5																													
10	10	110	9	51	41	27	40	07	7	10	4	1	8	RF	56	55	55	97	06	9	10	4	1	8	F	54	53	52	93	36	5																												
13	10	80	9	55	44	31	40	11	6	10	3	1	LF	59	58	57	93	08	6	10	6	3	8	F	57	55	54	90	06	4																													
16	10	70	10	57	45	29	34	10	5	10	4	0	12	LF	61	60	59	93	04	6	10	6	3	8	F	57	56	55	93	17	4																												
19	10	70	12	55	50	46	72	13	5	10	1	0	12	LF	60	60	60	100	02	6	10	8	1	12	F	57	56	56	97	00	0																												
22	10	70	12	54	50	47	77	10	7	10	3	1	8	LF	58	58	58	100	35	5	10	12	1	4	RF	56	56	56	100	00	0																												
OCT 28th																				OCT 29th																				OCT 30th																			
01	10	90	1	56	55	55	97	25	5	0	UNL	10		46	45	44	93	29	4	10	UNL	9		51	50	49	93	28	4																														
04	6	90	2	54	54	53	96	30	5	0	UNL	7		44	43	42	93	30	4	10	80	7		53	52	51	93	28	6																														
07	4	UNL	4	51	51	50	96	26	6	0	UNL	5	F	42	41	40	93	32	4	1	UNL	7		50	49	47	90	28	5																														
10	2	UNL	15	61	56	52	72	29	14	3	UNL	2	H	59	56	53	81	17	4	5	UNL	10		62	55	49	63	33	10																														
13	5	UNL	15	66	57	50	57	31	16	7	250	10		66	57	49	55	24	10	1	UNL	15		65	54	44	47	32	9																														
16	3	UNL	15	66	55	46	49	32	10	9	UNL	10		64	56	49	58	20	14	0	UNL	15		63	52	40	43	35	9																														
19	0	UNL	12	57	51	46	67	27	7	6	UNL	10		58	53	49	72	21	7	0	UNL	15		52	46	38	59	02	7																														
22	0	UNL	12	51	49	46	83	00	0	10	250	10		55	52	50	83	22	5	0	UNL	15		49	43	36	61	03	8																														
OCT 31st																																																											
01	0	UNL	15	45	40	32	61	03	8																																																		
04	0	UNL	15	40	35	28	62	02	9																																																		
07	0	UNL	15	37	34	28	70	01	8																																																		
10	0	UNL	15	46	40	31	56	04	10																																																		
13	0	UNL	15	53	45	34	49	10	7																																																		
16	0	UNL	15	54	45	34	47	09	6																																																		
19	0	UNL	12	47	43	37	68	14	8																																																		
22	8	28	12	46	42	38	74	05	4																																																		

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			DIRECTION	SPEED (MPH)			
01	6	30.040	54	51	48	82	6.8	31	2.4			
04	5	30.040	52	50	47	84	6.9	32	3.2			
07	6	30.070	51	49	46	85	6.2	33	4.0			
10	6	30.080	60	54	48	67	9.9	33	4.7			
13	6	30.040	65	56	48	56	10.9	30	4.1			
16	6	30.020	65	56	48	56	9.2	30	2.7			
19	5	30.050	59	54	48	70	7.5	26	1.9			
22	5	30.060	55	52	48	78	6.7	36	2.1			

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

OCT 1986
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																			0.12	0.37	1.38	0.05	0.07	01	
02	T	T																						02	
03														0.04				T	0.01	T			T	0.01	03
04	T	T																							04
05	T	T	T																						05
06																									06
07																									07
08																									08
09																									09
10																									10
11																									11
12																									12
13																									13
14	T	0.01	0.41	0.08	0.06	0.02		0.02	0.06	0.04	0.06	0.05	0.04	0.02	T	T	T				0.01	0.01	0.09	0.04	14
15															T										15
16																									16
17																									17
18																									18
19																									19
20																									20
21																									21
22																									22
23																									23
24																									24
25																									25
26	0.02	0.07	0.04	0.06	0.10	0.06	0.06	0.06	0.08	0.03	0.04	0.08	0.02	0.01	T	0.01	T	0.01	0.01	T	T	T	T	T	26
27																					0.01	0.04	0.07	T	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)	0.19	0.36	0.50	0.65	0.84	1.13	1.38	1.38	1.38	1.75	1.75	1.87
ENDED: DATE	01	01	01	01	01	01	01	01	01	01	01	01
ENDED: TIME	2141	2143	2148	2150	2150	2150	2200	2219	2159	2159	2219	2159

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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