

# LOCAL CLIMATOLOGICAL DATA Monthly Summary



GREATER WILMINGTON AIRPORT

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

OCT 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							
																SPEED	DIRECTION	SPEED	DIRECTION											
01	76	56	66	4	60	0	1	2	8	0	0.00	0.0	30.100	20	5.0	5.9	16	S	12	18			6	7						
02	80*	57	69*	7	63	0	4	1	8	0	0.22	0.0	29.860	25	5.5	6.8	22	SW	14	34			9	8						
03	66	59	63	2	58	2	0	1		0	0.06	0.0	29.900	04	4.2	4.6	14	NE	13	03			10	10						
04	67	51	59	-2	53	6	0	1		0	0.0	0.0	29.930	06	6.1	6.7	15	NE	10	06			9	8						
05	64	45	55	-5	42	10	0	1	3	0	0.05	0.0	30.080	32	5.8	6.7	30	N	14	31			5	3						
06	59	39	49	-11	36	16	0	0		0	0.00	0.0	30.300	34	6.7	7.5	21	N	14	33			2	2						
07	54	40	47	-13	39	18	0	0		0	0.00	0.0	30.270	04	6.1	6.6	14	NE	9	04			10	9						
08	56	36	46	-13	38	19	0	0		0	0.00	0.0	30.115	03	6.0	7.6	21	NE	13	04			7	5						
09	61	33	47	-12	38	18	0	1		0	0.00	0.0	30.080	26	3.9	6.1	18	SW	12	27			2	1						
10	68	42	55	-3	44	10	0	1		0	0.00	0.0	29.795	24	6.2	6.7	21	SW	12	24			4	5						
11	64	43	54	-4	38	11	0	0		0	0.00	0.0	29.670	30	9.9	10.4	33	NW	18	31			3	3						
12	55	37	46	-12	30	19	0	0		0	0.00	0.0	29.970	32	7.6	8.1	20	NW	13	34			6	4						
13	52	33	43	-14	28	22	0	0		0	0.00	0.0	30.210	33	7.7	8.4	28	NW	15	36			3	1						
14	58	30	44	-13	31	21	0	0		0	0.00	0.0	30.230	28	6.3	7.5	17	SW	13	27			1	0						
15	72	34	53	-4	41	12	0	1		0	0.00	0.0	30.130	26	3.7	5.0	16	W	12	27			7	4						
16	73	44	59	3	48	6	0	1	8	0	0.00	0.0	30.150	18	5.1	6.4	16	S	13	18			1	2						
17	73	49	61	5	55	4	0	1	8	0	0.00	0.0	30.130	18	5.6	6.2	16	S	14	19			5	5						
18	66	49	58	3	54	7	0	0	8	0	0.01	0.0	29.860	27	3.9	6.9	18	W	12	29			10	8						
19	62	41	52	-3	40	13	0	0		0	0.0	0.0	29.910	35	5.6	6.4	21	N	9	34			7	6						
20	59	35	47	-8	36	18	0	0		0	0.00	0.0	30.115	35	2.5	4.1	13	NW	9	31			2	2						
21	55	39	47	-7	46	18	0	1		0	1.41	0.0	29.920	11	7.1	8.4	32	SE	21	13			10	9						
22	55	45	50	-4	44	15	0	1		0	0.08	0.0	29.450	31	9.7	10.1	18	NW	16	30			10	10						
23	60	43	52	-2	40	13	0	0		0	0.00	0.0	29.710	25	7.6	9.2	18	SW	14	24			3	5						
24	62	48	55	2	42	10	0	1		0	0.11	0.0	29.600	26	5.7	8.6	23	W	14	25			7	8						
25	58	39	49	-4	32	16	0	0		0	0.00	0.0	29.730	29	8.0	9.2	29	NW	17	32			0	3						
26	54	33	44	-9	29	21	0	0		0	0.00	0.0	29.870	31	7.9	8.8	29	NW	18	33			1	1						
27	56	29	43	-9	29	22	0	0		0	0.00	0.0	30.140	31	4.7	6.5	22	W	16	33			4	2						
28	65	35	50	-2	42	15	0	1		0	0.0	0.0	30.000	28	5.4	8.6	26	SW	16	24			9	5						
29	54	34	44	-8	26	21	0	0		0	0.00	0.0	30.160	34	8.5	9.2	24	NW	16	36			2	2						
30	51	30	41	-10	26	24	0	0		0	0.00	0.0	30.230	36	7.3	7.9	29	N	16	36			2	3						
31	49	27*	38*	-13	24	27	0	0		0	0.00	0.0	30.250	18	1.7	5.5	13	SW	9	14			2	4						
SUM	SUM				TOTAL	TOTAL			NUMBER OF DAYS		TOTAL	TOTAL	FOR THE MONTH:					TOTAL	%	SUM	SUM									
1904	1255				434	5			PRECIPITATION	1.94	0.0	30.000	31	3.2	7.3	33	NW	21	13			FOR	159	145						
AVG.	AVG.	AVG.	DEP.	AVG.	DEP.	DEP.			PRECIPITATION	DEP.						DATE: 11	DATE: 21	POSSIBLE	MONTH	AVG.	AVG.									
61.4	40.5	51.0	-5.3	40.3	152	-7			≥ .01 INCH.	7	-0.95											5.1	4.7							
NUMBER OF DAYS					SEASON TO DATE	TOTAL			SNOW, ICE PELLETS		GREATEST IN 24 HOURS AND DATES					GREATEST DEPTH ON GROUND OF														
MAXIMUM TEMP.					489	1233			THUNDERSTORMS	1	PRECIPITATION					SNOW, ICE PELLETS														
≥ 90°					0	0			HEAVY FOG	1	1.42					21-22					0.0									
≤ 32°					0	0			CLEAR	13	PARTLY CLOUDY					10					CLOUDY					8				

\* 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

**noaa**

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NATIONAL ENVIRONMENTAL SATELLITE, DATA AND INFORMATION SERVICE

NATIONAL CLIMATIC DATA CENTER ASHEVILLE NORTH CAROLINA

*Kenneth D. Wadsworth*  
 DIRECTOR  
 NATIONAL CLIMATIC DATA CENTER

OBSERVATIONS AT 3-HOUR INTERVALS

OCT 1988  
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	16THS MILE			AIR of	WET BULB of	DEW POINT of	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)	CEILING 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	2	UNL	2	F	56	56	56	100	36	4	5	UNL	5	H	61	59	57	87	23	4	2	UNL	1	12	F	63	63	63	100	00	0																																					
04	10	5	1	F	59	58	58	97	26	3	9	UNL	3	FH	59	58	58	97	25	3	10	UNL	4	F	61	61	61	100	01	5																																						
07	10	3	0	F	58	58	58	100	00	0	7	UNL	1	FH	61	61	61	100	21	5	10	UNL	8	F	59	58	57	93	04	5																																						
10	3	UNL	2	F	64	63	63	97	28	5	9	250	4	H	72	68	66	82	24	9	10	100	15	R	65	59	55	70	03	11																																						
13	3	UNL	5	H	76	68	64	67	22	7	10	100	8	H	75	69	66	74	23	9	10	100	10	R	65	59	55	70	05	4																																						
16	7	UNL	6	H	73	67	64	74	20	10	10	85	10	RW	78	69	64	62	25	9	10	100	8	RR	61	59	57	87	05	2																																						
19	6	UNL	6	H	67	62	59	76	20	8	10	41	7	RW	67	66	65	93	31	10	10	95	8	R	61	59	57	87	09	5																																						
22	7	UNL	5	H	64	59	55	73	20	7	10	70	10		66	63	61	84	29	4	10	85	8		60	56	53	78	09	4																																						
OCT 4th																							OCT 5th																							OCT 6th																						
01	10	75	4	F	59	58	57	93	04	4	0	UNL	7		49	49	48	96	35	4	0	UNL	15		45	42	39	80	29	4																																						
04	10	85	4	F	58	57	56	93	03	4	2	UNL	5	F	46	46	45	96	36	4	0	UNL	15		42	38	32	68	30	4																																						
07	10	85	9		57	55	53	87	04	5	10	22	7		52	51	50	93	36	4	0	UNL	10		42	38	32	68	33	5																																						
10	10	28	10		60	57	54	81	08	9	3	UNL	10		59	52	45	60	36	9	0	UNL	12		54	45	35	49	33	12																																						
13	7	55	10		67	61	56	68	10	7	4	UNL	15		61	49	36	40	31	8	5	UNL	12		57	47	36	46	36	11																																						
16	7	60	12		63	56	50	63	07	7	3	UNL	15		60	48	35	39	31	10	4	UNL	12		56	47	36	47	34	6																																						
19	10	25	10	RW	59	55	52	78	09	7	0	UNL	12		50	45	38	64	33	6	2	UNL	12		49	44	38	66	36	4																																						
22	0	UNL	10		53	51	50	90	01	4	0	UNL	12		47	43	39	74	26	5	0	UNL	12		46	43	39	77	03	4																																						
OCT 7th																							OCT 8th																							OCT 9th																						
01	8	55	10		43	42	40	89	36	4	6	UNL	8		40	39	38	93	03	5	0	UNL	8		36	36	35	96	35	4																																						
04	8	55	10		45	43	40	83	01	5	2	UNL	7		39	38	37	93	01	5	0	UNL	7		35	35	34	96	36	5																																						
07	9	60	10		46	43	40	80	02	5	9	35	8		42	40	38	86	36	5	1	UNL	6	F	35	35	34	96	36	4																																						
10	10	200	12		53	47	41	64	03	7	2	UNL	15		52	46	38	59	03	11	1	UNL	10		51	47	43	74	16	5																																						
13	10	55	12		53	46	39	59	04	8	6	39	15		55	47	37	51	01	8	2	UNL	12		60	50	40	48	24	10																																						
16	10	60	12		51	45	38	61	07	6	10	70	15		52	45	37	57	04	6	2	UNL	12		60	49	38	44	26	6																																						
19	10	85	15		50	45	39	66	07	4	4	UNL	15		48	44	39	71	14	6	0	UNL	12		50	45	38	64	22	4																																						
22	7	200	10		44	41	38	80	01	4	3	UNL	15		44	41	38	80	05	4	0	UNL	12		49	45	40	71	22	7																																						
OCT 10th																							OCT 11th																							OCT 12th																						
01	3	UNL	8		46	44	41	83	22	3	3	UNL	7		55	51	48	77	24	7	1	UNL	15		43	40	35	74	32	4																																						
04	3	UNL	7		43	42	41	93	00	0	10	85	7		56	50	44	64	30	7	1	UNL	15		41	38	35	79	32	6																																						
07	0	UNL	5	F	44	44	43	96	18	3	0	UNL	12		52	48	44	74	29	8	7	200	15		43	40	36	76	28	6																																						
10	2	UNL	9		59	53	47	65	27	8	0	UNL	15		60	49	38	44	29	13	2	UNL	15		49	42	34	56	32	9																																						
13	5	UNL	10		66	52	39	37	26	10	7	250	15		61	48	34	37	30	15	7	55	15		54	43	29	38	35	10																																						
16	5	UNL	12		65	53	42	43	24	10	6	200	15		60	48	33	36	33	11	6	85	15		51	41	26	38	32	6																																						
19	9	200	10		60	52	45	58	21	8	0	UNL	15		53	44	32	45	31	6	5	UNL	15		46	38	26	46	32	9																																						
22	10	200	8		57	53	49	75	22	6	3	UNL	15		46	41	34	63	31	5	0	UNL	15		40	35	28	62	31	5																																						
OCT 13th																							OCT 14th																							OCT 15th																						
01	0	UNL	15		37	34	29	73	30	5	0	UNL	12		36	33	28	73	28	4	0	UNL	10		43	40	36	76	20	3																																						
04	0	UNL	15		35	32	28	76	30	5	0	UNL	12		31	30	27	85	31	5	0	UNL	10		39	37	35	86	00	0																																						
07	1	UNL	15		36	34	30	79	29	7	5	UNL	12		33	32	29	85	31	6	10	UNL	8		38	38	37	96	00	0																																						
10	5	UNL	15		47	39	27	46	36	12	0	UNL	15		50	42	31	48	31	9	10	UNL	8		59	51	42	54	26	8																																						
13	5	UNL	15		49	39	25	39	01	10	0	UNL	15		56	44	27	33	32	9	3	UNL	15		70	53	35	28	29	9																																						
16	1	UNL	15		51	40	25	36	35	10	0	UNL	15		57	45	30	36	26	8	6	UNL	15		70	54	39	32	28	9																																						
19	0	UNL	15		43	37	27	53	29	5	0	UNL	15		48	42	34	59	23	5	5	UNL	15		57	54	51	81	19	4																																						
22	0	UNL	15		37	34	28	70	33	5	0	UNL	15		43	40	35	74	27	3	3	UNL	12		50	49	47	90	00	0																																						
OCT 16th																							OCT 17th																							OCT 18th																						
01	4	UNL	8		48	47	46	93	00	0	4	UNL	7		56	56	55	97	16	6	9	UNL	7		56	55	55	97	18	4																																						
04	4	UNL	7		48	47	45	89	34	4	6	250	7		51	51	50	96	00	0	7	UNL	7		54	54	53	96	18	5																																						
07	3	UNL	5	F	46	45	44	93	36	4	9	250	4	F	54	54	53	96	14	4	10	140	7		54	54	53	96	15	4																																						
10	3	UNL	6	H	62	56	51	67	16	6	3	UNL	7		64	60	57	78	16	4	10	120	7		64	60	57	78	21	9																																						
13	0	UNL	10		71	58	48	44	19	10	10	UNL	12		70	61	54	57	18	7	10	70	7		65	60	57	76	26	8																																						
16	0	UNL	12		69	57	46	44	19	8	3	UNL	12		70	62	56	61	19	12	10	65	7		65	62	59	81	29	10																																						
19	3	UNL	10		59	53	47	65	17	7	3	UNL	10		61	58	55	81	18	7	2	UNL	5	H	59	58	58	97	30	6																																						
22	3	UNL	8		57	56	55	93	18	8	0	UNL	8		58	57	57	97	17	4	8	250	10		57	50	43	60	35	9																																						

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 1988  
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	16THS MILE	AIR OF	WET BULB OF		DEN POINT OF	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)	CEILING IN HUNDREDS OF FEET	WHOLE MILES	16THS MILE		AIR OF	WET BULB OF	DEN POINT OF		REL HUMIDITY %	DIRECTION	SPEED (KNOTS)	CEILING IN HUNDREDS OF FEET	WHOLE MILES	16THS MILE	AIR OF	WET BULB OF	DEN POINT OF	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)																																																					
OCT 19th																												OCT 20th																												OCT 21st																											
01	3	UNL	12				47	44	41	80	34	6		0	UNL	12				40	39	37	89	34	4		4	UNL	10				41	40	38	89	00	0																																													
04	10	200	12				47	46	44	89	36	4		0	UNL	12				38	37	36	93	01	4		10	250	7				46	43	40	80	12	4																																													
07	10	200	12				47	45	42	83	01	4		0	UNL	12				38	37	36	93	00	0		10	200	7				47	44	40	77	13	4																																													
10	9	200	15				55	49	42	62	04	6		0	UNL	15				52	45	36	55	12	4		10	60	9				52	46	40	64	11	7																																													
13	7	55	15				58	47	35	42	33	8		3	UNL	15				56	46	34	44	31	7		10	23	2		RF		50	49	48	93	07	6																																													
16	5	UNL	15				56	47	37	49	32	8		4	UNL	15				56	46	34	44	33	6		10	35	2		RF		52	52	51	96	10	9																																													
19	6	85	15				47	44	40	77	33	5		4	UNL	12				49	43	35	59	00	0		10	7	3		RF		54	54	54	100	11	9																																													
22	0	UNL	15				42	40	38	86	33	5		7	240	12				42	40	37	83	03	3		10	9	10		R		54	54	53	96	13	18																																													
OCT 22nd																												OCT 23rd																												OCT 24th																											
01	10	17	3			RF	52	52	51	96	32	9		10	50	15				48	46	43	83	27	8		10	85	10				53	48	43	69	21	9																																													
04	10	11	4			F	48	47	46	93	32	8		3	UNL	7				46	43	40	80	12	4		10	70	4		RF		52	50	47	83	20	7																																													
07	10	17	8				47	46	45	93	29	7		0	UNL	10				44	43	41	89	28	6		10	70	3		RF		50	49	48	93	26	7																																													
10	10	24	10				47	45	43	86	31	6		1	UNL	12				55	49	42	62	26	12		7	200	8				55	52	50	83	26	7																																													
13	10	31	10			RW	53	48	42	66	30	14		7	55	12				57	48	39	51	24	8		4	UNL	12				62	49	34	35	25	9																																													
16	10	30	15				52	48	43	72	31	13		1	UNL	15				58	48	36	44	24	8		7	50	12				60	49	38	44	28	6																																													
19	10	50	15				46	43	40	80	31	8		1	UNL	12				53	46	38	57	21	5		7	110	12				51	47	42	72	02	6																																													
22	10	50	15				46	44	42	86	29	8		10	90	12				52	47	41	66	20	10		10	60	12				49	43	36	61	34	5																																													
OCT 25th																												OCT 26th																												OCT 27th																											
01	9	110	10				47	41	34	61	30	8		0	UNL	10				44	42	39	83	29	4		0	UNL	10				31	29	26	82	32	5																																													
04	0	UNL	10				42	38	33	71	30	6		1	UNL	10				39	37	35	86	29	5		0	UNL	10				31	29	26	82	32	5																																													
07	0	UNL	10				40	37	32	73	27	5		1	UNL	10				41	38	35	79	30	6		0	UNL	10				30	29	26	85	36	3																																													
10	0	UNL	12				53	44	32	45	30	15		0	UNL	12				50	40	25	38	31	12		2	UNL	12				48	39	27	44	33	14																																													
13	1	UNL	15				56	44	28	34	32	15		2	UNL	15				53	41	23	31	30	12		8	UNL	12				53	42	26	35	30	13																																													
16	0	UNL	15				58	46	30	35	27	10		0	UNL	15				50	39	21	32	33	10		3	UNL	15				55	43	25	31	35	4																																													
19	2	UNL	15				49	42	32	52	24	6		0	UNL	15				43	36	26	51	23	4		0	UNL	15				47	39	28	48	25	4																																													
22	10	85	12				50	44	37	61	02	4		0	UNL	15				37	35	31	79	35	4		3	UNL	10				44	42	39	83	28	4																																													
OCT 28th																												OCT 29th																												OCT 30th																											
01	0	UNL	10				42	38	32	68	12	3		3	UNL	10				43	36	25	49	35	8		9	UNL	8				38	35	29	70	29	4																																													
04	0	UNL	8				35	34	33	92	00	0		0	UNL	10				39	34	26	60	36	6		9	220	8				39	35	29	67	34	4																																													
07	9	250	5			F	47	46	45	93	22	7		6	UNL	10				38	34	28	67	34	8		7	120	10				38	36	34	86	00	0																																													
10	8	39	12				60	54	49	67	21	12		1	UNL	12				49	40	27	43	36	14		0	UNL	15				47	38	25	42	35	10																																													
13	10	60	12				60	57	54	81	26	8		2	UNL	12				53	41	24	32	33	12		1	UNL	15				50	39	23	35	36	14																																													
16	7	120	10				65	59	55	70	27	10		2	UNL	12				53	42	25	34	34	9		3	UNL	15				50	39	21	32	35	12																																													
19	2	UNL	10				55	48	40	57	33	7		3	UNL	10				45	38	27	49	28	6		0	UNL	15				40	33	21	47	35	4																																													
22	0	UNL	10				50	42	31	48	31	9		3	UNL	10				37	34	28	70	32	5		0	UNL	15				36	32	24	62	36	4																																													
OCT 31st																																																																																			
01	5	UNL	10				32	29	22	67	05	4																																																																							
04	0	UNL	10				29	26	21	72	02	5																																																																							
07	4	UNL	10				28	26	23	82	32	5																																																																							
10	2	UNL	12				41	35	26	55	14	8																																																																							
13	0	UNL	15				47	38	23	39	22	7																																																																							
16	0	UNL	15				47	37	21	36	18	5																																																																							
19	8	65	15				44	37	25	47	16	6																																																																							
22	10	60	15				44	37	27	51	16	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 OF	WET BULB OF	DEN POINT OF				
01	4	30.000	46	44	41	83	5.2	31	2.5
04	4	29.995	44	42	40	85	4.9	33	2.8
07	6	30.020	45	43	41	87	5.3	31	2.6
10	4	30.020	55	49	42	62	10.5	32	4.2
13	5	29.980	59	50	39	49	10.9	30	6.0
16	5	29.960	59	50	39	50	9.5	30	4.6
19	4	29.990	52	47	40	66	6.7	26	1.7
22	4	30.000	48	45	40	75	6.3	30	1.4

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

OCT 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	T					T	T	T	0.01	0.03	T	0.08	0.12	0.02	T			04	
05							0.05	T										0.01	T	0.01	T			05	
06																								06	
07																								07	
08																								08	
09																								09	
10																								10	
11																								11	
12																								12	
13																								13	
14																								14	
15																								15	
16																								16	
17																								17	
18												T	T	T	T	0.01								18	
19															T									19	
20																								20	
21																								21	
22	0.01	T																						22	
23																								23	
24		T	0.01	0.02	0.01																			24	
25							0.05	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)	0.09	0.15	0.17	0.20	0.22	0.29	0.34	0.43	0.51	0.56	0.63	0.68
ENDED: DATE	21	21	21	21	21	21	21	21	21	21	21	21
ENDED: TIME	2345	2346	2351	2354	1927	1927	1930	1930	1934	1942	1942	1942

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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