

LOCAL CLIMATOLOGICAL DATA

Monthly Summary



GREATER WILMINGTON AIRPORT

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

AUG 1991
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	FATEST 1-MIN	DIRECTION	MINUTES	PERCENT OF TOTAL POSSIBLE	SUNRISE TO SUNSET	MIDNIGHT TO MIDNIGHT		
01	89	66	78	2	66	0	13	1	8	0	0.00	0.0	29.910	24	6.3	8.2	21	SW	15	21			1	0	0
02	93	71	82	6	66	0	17	1	8	0	0.00	0.0	29.850	25	7.7	9.2	23	W	17	20			1	0	0
03	94	74	84	8	73	0	19	1	3	8	0.67	0.0	29.790	19	3.9	6.4	41	W	18	27			7	6	6
04	88	71	80	4	67	0	15	1	8	0	0.00	0.0	29.730	29	8.0	8.7	14	W	14	30			8	6	6
05	83	63	73	-3	57	0	8			0	0.00	0.0	29.930	32	8.1	8.6	22	NW	15	34			2	2	2
06	83	63	73	-3	52	0	8			0	0.00	0.0	30.120	36	5.1	7.3	21	N	15	03			5	5	5
07	83	61*	72*	-4	59	0	7			0	0.00	0.0	30.120	19	1.4	5.2	14	W	10	30			6	6	6
08	85	64	75	-1	64	0	10		8	0	0.00	0.0	29.980	16	4.5	6.7	18	S	12	16			7	7	7
09	77	72	75	-1	72	0	10	1	3	0	2.60	0.0	29.770	19	11.3	11.7	30	S	18	20			10	10	10
10	83	68	76	0	63	0	11	1		0	0.11	0.0	29.770	32	7.3	8.5	20	N	14	31			4	4	4
11	82	64	73	-3	59	0	8			0	0.00	0.0	29.930	30	7.5	7.9	21	NW	16	30			5	3	3
12	85	63	74	-2	62	0	9			0	0.00	0.0	30.010	34	5.5	6.6	16	NW	12	35			9	8	8
13	88	66	77	2	63	0	12			0	0.00	0.0	29.940	28	2.3	4.4	10	SE	7	26			7	6	6
14	85	68	77	2	69	0	12			0	0.02	0.0	29.900	21	6.3	7.2	18	SW	14	20			10	9	9
15	80	71	76	1	70	0	11	1	8	0	0.09	0.0	29.870	32	6.1	7.3	20	NW	13	29			8	7	7
16	90	65	78	3	66	0	13	1	8	0	0.00	0.0	29.950	25	5.3	6.7	14	SW	13	20			1	1	1
17	88	70	79	4	68	0	14	1	8	0	0.00	0.0	29.920	20	8.8	9.2	22	SW	15	23			1	1	1
18	89	72	81	6	72	0	16	1	8	0	0.03	0.0	29.810	19	8.1	9.7	20	S	14	21			8	7	7
19	86	69	78	3	70	0	13	1	3	0	1.77	0.0	29.660	35	6.1	10.1	30	N	16	31			8	9	9
20	80	69	75	0	70	0	10	1	3	0	0.09	0.0	29.760	03	3.5	7.7	21	SW	14	34			10	10	10
21	82	67	75	1	65	0	10	1	8	0	0.00	0.0	29.880	28	6.1	6.7	18	W	12	29			3	4	4
22	84	63	74	0	61	0	9	1		0	0.00	0.0	29.990	25	4.6	5.8	15	SW	13	22			3	2	2
23	87	64	76	2	66	0	11	1		0	0.00	0.0	30.070	19	4.8	5.8	20	S	15	17			2	1	1
24	86	68	77	3	69	0	12	1	8	0	0.00	0.0	30.210	10	4.9	6.6	18	E	13	10			6	7	7
25	80	65	73	-1	63	0	8	1		0	0.00	0.0	30.330	08	8.9	9.4	18	E	13	09			2	3	3
26	84	62	73	0	65	0	8			0	0.00	0.0	30.260	13	3.0	6.6	14	S	9	18			1	2	2
27	86	64	75	2	70	0	10	1		0	0.00	0.0	30.150	24	3.8	6.5	20	SW	13	22			3	2	2
28	90	69	80	7	73	0	15	1		0	0.00	0.0	30.090	24	6.6	7.0	17	SW	14	20			1	0	0
29	95*	71	83	10	73	0	18	2	8	0	0.00	0.0	30.030	21	2.0	4.0	13	E	8	24			2	1	1
30	93	74	84*	11	73	0	19	1	8	0	0.00	0.0	29.880	20	3.9	5.8	15	SW	12	24			0	0	0
31	91	68	80	8	68	0	15	1	8	0	0.00	0.0	29.800	33	6.4	9.8	26	N	18	03			7	5	5
SUM	SUM	SUM	SUM	SUM	TOTAL	TOTAL	TOTAL	NUMBER OF DAYS		TOTAL	TOTAL	FOR THE MONTH:					TOTAL	%	SUM	SUM					
2669	2085				0	371				5.38	0.0	29.950	25	2.3	7.5	41	W	18	03			FOR:	148	134	
AVG.	AVG.	AVG.	AVG.	DEP.	AVG.	DEP.	DEP.	PRECIPITATION		DEP.		DATE: 3					DATE: 31+	POSSIBLE	MONTH	AVG.	AVG.				
86.1	67.3	76.7	1.9	66.1	0	67	0	0.01 INCH.		1.35										4.8	4.3				
NUMBER OF DAYS						SEASON TO DATE		SNOW, ICE PELLETS		GREATEST IN 24 HOURS AND DATES					GREATEST DEPTH ON GROUND OF										
						TOTAL	TOTAL	≥ 0.1 INCH							SNOW, ICE PELLETS OR ICE AND DATE										
MAXIMUM TEMP.		MINIMUM TEMP.		0		1248		THUNDERSTORMS		PRECIPITATION		SNOW, ICE PELLETS													
≥ 90°		≤ 32°		≤ 32°		≤ 0°		DEP.		DEP.		HEAVY FOG													
7		0		0		0		0		368		CLEAR 14		PARTLY CLOUDY 9		CLOUDY 8									

* 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. Wadsworth
DIRECTOR
NATIONAL CLIMATIC DATA CENTER

OBSERVATIONS AT 3-HOUR INTERVALS

AUG 1991
WILMINGTON, DE 13781

HOUR L.S.T.	VIST-BILITY				TEMPERATURE				WIND			SKY COVER (TENTHS)	VIST-BILITY				TEMPERATURE				WIND																																												
	CEILING IN HUNDREDS OF FEET	WHOLE MILES	16THS MILE	WEATHER	AIR OF	WET BULB OF	DEN POINT OF	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)	CEILING IN HUNDREDS OF FEET		WHOLE MILES	16THS MILE	WEATHER	AIR OF	WET BULB OF	DEN POINT OF	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)																																												
AUG 1st																						AUG 2nd																						AUG 3rd																					
01	0	UNL	4	F	70	69	69	97	30	3	0	UNL	5	F	76	73	71	85	23	7	0	UNL	6	H	77	74	72	85	28	4																																			
04	0	UNL	2	F	68	67	67	97	32	3	0	UNL	5	F	73	72	71	94	24	4	0	UNL	7	H	74	71	70	87	18	4																																			
07	0	UNL	1	B F	71	70	69	93	34	3	0	UNL	1	B F	77	72	70	79	34	3	0	UNL	5	F	78	75	74	88	21	7																																			
10	0	UNL	10		84	71	64	51	32	4	0	UNL	20		88	67	54	31	32	4	2	UNL	6	H	84	78	75	75	16	9																																			
13	1	UNL	20		88	70	59	38	28	8	0	UNL	20		93	72	60	33	26	12	10	200	7		89	79	75	63	17	6																																			
16	1	UNL	15		88	72	63	43	20	13	0	UNL	10		93	72	61	35	23	13	10	38	5	TRNH	79	74	71	77	36	10																																			
19	1	UNL	7		82	72	66	59	22	9	0	UNL	6	H	86	74	69	57	22	11	9	120	4	TRNH	77	74	72	85	24	8																																			
22	1	UNL	6	H	77	72	70	79	23	9	0	UNL	6	H	83	75	71	67	26	10	10	250	5	FH	76	75	75	97	17	4																																			
AUG 4th																						AUG 5th																						AUG 6th																					
01	6	UNL	7		75	72	70	85	20	3	0	UNL	10		70	63	58	66	29	5	8	250	10		71	64	60	68	02	7																																			
04	4	UNL	3		72	71	71	97	24	5	1	UNL	10		67	61	57	70	32	5	6	UNL	15		66	59	53	63	03	7																																			
07	10	250	3	F	75	72	71	87	26	6	1	UNL	15		69	63	59	71	29	8	0	UNL	15		69	60	54	59	36	8																																			
10	10	110	4	H	81	74	71	72	28	6	0	UNL	20		76	65	57	52	33	12	1	UNL	20		77	63	54	45	36	8																																			
13	9	100	6	H	86	75	70	59	28	12	1	UNL	20		80	65	56	44	34	13	4	UNL	20		81	63	51	35	34	7																																			
16	5	UNL	7		87	74	67	52	27	8	3	UNL	15		83	66	54	37	30	7	8	250	15		82	63	49	32	34	6																																			
19	3	UNL	9		83	69	61	48	30	12	4	UNL	15		78	64	55	45	30	5	5	UNL	15		78	61	48	35	15	4																																			
22	2	UNL	10		74	65	59	60	31	9	8	120	15		74	65	60	62	00	0	1	UNL	15		67	62	58	73	29	3																																			
AUG 7th																						AUG 8th																						AUG 9th																					
01	2	UNL	15		66	60	55	68	00	0	4	UNL	12		70	65	61	73	00	0	10	120	15		75	70	68	79	18	7																																			
04	1	UNL	15		63	60	58	84	00	0	4	UNL	15		66	64	62	87	35	5	10	120	15		75	71	69	82	18	10																																			
07	2	UNL	10		68	63	59	73	01	6	10	UNL	7		71	67	64	79	01	3	10	15	3		73	72	71	94	18	16																																			
10	4	UNL	10		79	68	61	54	18	4	10	UNL	8		79	71	67	67	14	6	10	7	0	12	TRWF	72	71	71	97	19	14																																		
13	4	UNL	12		81	65	55	41	15	8	6	UNL	10		84	69	61	46	15	9	10	9	4		TRWF	74	73	73	97	17	10																																		
16	9	100	10		81	67	59	47	17	7	1	UNL	12		85	68	58	40	16	10	10	7	6		RWF	75	74	74	97	17	6																																		
19	10	85	10		79	68	61	54	25	6	6	110	10		78	72	69	44	16	9	8	100	5		76	74	73	91	20	9																																			
22	10	250	10		74	66	61	64	28	4	6	250	10		76	71	69	79	17	8	10	7	6		F	75	74	73	94	19	7																																		
AUG 10th																						AUG 11th																						AUG 12th																					
01	10	40	1	RWF	70	69	69	97	36	7	0	UNL	15		68	62	58	71	32	6	0	UNL	15		66	64	62	87	33	3																																			
04	10	250	4	F	69	68	67	93	33	8	0	UNL	15		65	60	57	76	30	6	0	UNL	15		65	62	60	84	30	5																																			
07	10	110	5	F	69	67	65	87	31	6	0	UNL	15		70	62	57	64	26	7	9	UNL	15		69	64	60	73	36	7																																			
10	3	UNL	15		75	68	64	69	35	10	1	UNL	15		77	66	59	54	30	11	10	UNL	15		79	68	61	54	33	7																																			
13	4	UNL	15		80	69	63	56	33	9	10	65	15		77	65	58	52	29	8	9	UNL	15		83	70	62	49	32	5																																			
16	1	UNL	15		83	68	60	46	31	12	8	UNL	15		82	67	57	43	31	11	10	200	15		82	69	62	51	36	7																																			
19	0	UNL	15		79	67	59	51	27	4	0	UNL	15		78	66	59	52	29	5	10	200	15		78	69	63	60	03	5																																			
22	0	UNL	15		73	67	63	71	25	6	0	UNL	15		70	65	61	73	26	3	10	200	15		73	68	65	76	02	4																																			
AUG 13th																						AUG 14th																						AUG 15th																					
01	2	UNL	10		70	68	66	87	31	4	2	UNL	10		71	67	65	81	25	4	10	110	7	RW	72	71	70	94	22	5																																			
04	0	UNL	10		67	65	64	90	31	4	10	250	10		68	67	66	93	00	0	10	80	4	F	71	71	71	100	20	4																																			
07	2	UNL	10		71	67	65	81	33	5	10	250	7		72	69	67	84	20	4	10	70	1	B F	71	70	70	97	19	5																																			
10	9	250	15		83	71	64	53	33	3	10	UNL	7		82	73	68	63	20	10	10	100	2	B F	74	71	70	87	20	9																																			
13	9	UNL	15		86	69	60	42	15	3	10	47	8		84	73	68	59	20	12	10	22	6	H	78	72	69	74	22	9																																			
16	5	UNL	15		88	71	61	40	00	0	10	100	7		82	75	71	69	17	8	1	UNL	6	H	80	73	70	72	28	5																																			
19	10	UNL	15		81	70	64	56	26	6	10	200	7		79	74	71	77	21	9	5	UNL	6	H	77	72	69	76	21	7																																			
22	10	UNL	15		75	69	65	71	25	4	10	100	6	RW	73	72	71	94	23	5	0	UNL	5	H	73	71	70	90	27	5																																			
AUG 16th																						AUG 17th																						AUG 18th																					
01	0	UNL	3	FH	69	67	66	90	23	4	0	UNL	5		73	70	69	87	20	4	0	UNL	3	F	73	71	70	90	21	8																																			
04	3	UNL	3	FH	67	64	62	84	25	4	4	UNL	3	H	71	70	69	93	16	3	3	UNL	1	B F	72	71	71	97	18	8																																			
07	6	65	3	FH	69	65	63	81	28	3	0	UNL	0	12	FH	73	72	71	94	19	3	9	250	2	B FH	76	73	72	88	20	7																																		
10	0	UNL	6	H	81	71	66	60	31	8	0	UNL	4	H	83	74	69	63	20	9	3	UNL	5	H	84	76	73	70	21	10																																			
13	0	UNL	8		87	74	67	52	30	6	4	UNL	6	H	87	74	67	52	22	12	9	120	6	H	87	76	71	59	22	8																																			
16	1	UNL	7		87	74	68	53	20	7	2	UNL	7		86	72	64	48	19	11	10	95	7		86	74	69	57	16	10																																			
19	0	UNL	7		82	73	69	65	23	7	0	UNL	6	H	80	71	66	63	19	8	10	95	10		78	74	72	82	14	9																																			
22	0	UNL	10		76	71	68	76	22	7	0	UNL	7		76	71	68	76	18	10	10	9	10		RW	76	75	74	94	13	5																																		

WEATHER CODES

- * TORNAADO
- 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

AUG 1991
WILMINGTON, DE 13781

HOUR L.S.T.	VISI-BILITY				WEATHER	TEMPERATURE				WIND		SKY COVER (TENTHS)	VISI-BILITY				WEATHER	TEMPERATURE				WIND																																											
	CEILING IN HUNDREDS OF FEET	WHOLE MILES	16THS MILE	REL HUMIDITY %		AIR of	WET BULB of	DEW POINT of	DIRECTION	SPEED (KNOTS)	CEILING IN HUNDREDS OF FEET		WHOLE MILES	16THS MILE	REL HUMIDITY %	AIR of		WET BULB of	DEW POINT of	DIRECTION	SPEED (KNOTS)																																												
AUG 19th																						AUG 20th																						AUG 21st																					
01	10	7	10		RW	75	74	74	97	09	6	10	13	4	F	71	70	70	97	36	8	10	5	2	F	69	69	69	100	00	0																																		
04	10	60	7		RW	73	72	71	94	06	8	10	120	8	F	73	70	69	87	03	7	10	16	2	F	69	68	68	97	31	5																																		
07	10	100	12		RW	71	69	68	90	35	10	10	7	5	F	72	71	70	94	09	6	6	100	1	8	F	69	68	68	97	31	5																																	
10	10	120	12			76	73	71	85	33	12	10	15	5	F	79	75	73	82	17	7	4	UNL	10	6	H	75	70	67	76	28	6																																	
13	8	34	12			84	74	69	61	30	11	10	30	8		78	72	69	74	04	6	4	UNL	10	6		81	71	65	58	28	8																																	
16	7	41	10			85	74	69	59	30	7	10	40	10	RW	74	71	70	87	02	6	1	UNL	9			81	69	62	53	25	8																																	
19	10	55	5		TRWF	75	69	65	71	02	10	10	100	7		72	71	70	94	06	7	4	UNL	8			76	67	62	62	25	7																																	
22	7	29	10			72	70	69	90	09	6	10	110	4	F	70	69	69	97	31	4	3	UNL	10			71	66	63	76	27	7																																	
AUG 22nd																						AUG 23rd																						AUG 24th																					
01	0	UNL	15			66	64	62	87	28	4	0	UNL	12		67	63	60	78	00	0	6	UNL	7			71	68	66	84	22	5																																	
04	0	UNL	15			64	62	61	90	28	4	0	UNL	12		65	63	61	87	17	3	0	UNL	7			69	68	67	93	34	3																																	
07	0	UNL	5		F	67	64	62	84	00	0	0	UNL	6		69	67	65	87	00	0	2	UNL	3		F	73	70	69	87	36	4																																	
10	1	UNL	15			79	68	61	54	23	3	0	UNL	9		80	71	66	63	23	8	3	UNL	5		F	84	75	70	63	13	5																																	
13	3	UNL	15			82	68	60	47	27	5	0	UNL	9		85	72	65	51	25	7	10	250	4		H	85	74	69	59	14	8																																	
16	8	250	12			83	69	61	48	25	10	3	UNL	10		85	74	68	57	17	10	10	110	5		H	83	74	70	65	09	6																																	
19	7	UNL	10			76	66	60	58	20	5	1	UNL	8		78	74	72	82	16	10	10	120	4		H	75	72	70	85	09	10																																	
22	0	UNL	10			71	64	60	68	23	7	0	UNL	7		76	73	72	88	20	4	10	16	4		F	72	69	67	84	08	7																																	
AUG 25th																						AUG 26th																						AUG 27th																					
01	10	14	4		F	71	69	68	90	06	7	1	UNL	12		65	63	62	90	06	7	2	UNL	10			68	67	66	93	24	4																																	
04	10	15	4		F	70	68	66	87	07	9	3	UNL	12		65	63	62	90	06	6	0	UNL	5		F	65	65	65	100	32	3																																	
07	0	UNL	10			69	65	62	79	07	9	0	UNL	7		66	64	62	87	01	5	0	UNL	5		F	68	67	67	97	33	5																																	
10	1	UNL	15			74	67	62	66	09	8	2	UNL	7		76	70	66	71	12	6	9	16	7			77	73	71	82	25	5																																	
13	4	UNL	12			78	68	62	58	06	8	2	UNL	7		81	71	66	60	14	5	3	UNL	8			83	76	73	72	19	8																																	
16	1	UNL	15			80	69	62	54	13	7	1	UNL	8		80	72	68	67	18	8	5	UNL	10			85	78	75	72	18	8																																	
19	2	UNL	15			72	66	63	73	10	9	2	UNL	10		75	69	66	74	18	5	1	UNL	12			80	75	72	77	21	6																																	
22	5	UNL	15			67	63	61	81	09	9	0	UNL	15		70	67	65	84	20	5	0	UNL	12			75	72	71	87	23	5																																	
AUG 28th																						AUG 29th																						AUG 30th																					
01	0	UNL	8			73	72	71	94	22	5	0	UNL	7		76	75	74	94	24	7	0	UNL	7			75	73	72	90	29	3																																	
04	0	UNL	7			70	70	70	100	18	3	0	UNL	3		73	73	73	100	00	0	2	UNL	5		F	75	73	72	90	00	0																																	
07	0	UNL	4		F	72	71	71	97	26	4	0	UNL	2		74	74	74	100	00	0	0	UNL	2		F	76	73	72	88	34	3																																	
10	0	UNL	9			84	78	75	75	26	8	0	UNL	6		87	79	75	68	21	3	0	UNL	4		H	87	78	74	65	18	3																																	
13	2	UNL	10			89	78	74	61	23	8	6	65	6	H	89	78	74	61	09	6	1	UNL	6		H	91	78	72	54	18	8																																	
16	1	UNL	10			89	79	75	63	23	9	2	UNL	7		91	76	70	50	12	5	0	UNL	6		H	91	78	73	56	18	9																																	
19	0	UNL	10			83	77	74	74	23	7	6	UNL	6		85	75	71	63	20	5	0	UNL	5		H	84	78	76	77	18	5																																	
22	0	UNL	10			79	76	74	85	25	6	2	UNL	7		81	75	72	74	25	4	0	UNL	7			81	74	71	72	22	8																																	
AUG 31st																																																																	
01	0	UNL	7			78	75	73	85	24	6																																																						
04	0	UNL	7			75	74	73	94	29	3																																																						
07	0	UNL	6			77	75	74	91	27	3																																																						
10	5	UNL	5		F	87	76	71	59	33	12																																																						
13	10	250	5		H	87	76	71	59	32	10																																																						
16	8	UNL	7			90	73	65	44	30	8																																																						
19	9	65	9			83	72	67	59	01	7																																																						
22	3	UNL	10			74	63	56	54	02	14																																																						

SUMMARY BY HOURS

HOUR L.S.T.	SKY COVER (TENTHS)	AVERAGES						RESULTANT WIND	
		STATION PRESSURE (INCHES)	TEMPERATURE			REL HUMIDITY %	WIND SPEED (MPH)	DIRECTION	SPEED (MPH)
			AIR TEMP of	WET BULB of	DEW POINT of				
01	3	29.950	71	68	67	86	5.3	26	1.8
04	4	29.940	69	67	66	90	5.2	31	1.0
07	4	29.970	71	68	67	85	6.0	31	1.9
10	4	29.970	80	71	67	65	8.5	26	2.7
13	6	29.950	84	72	66	56	9.5	25	3.5
16	5	29.920	84	72	65	55	9.3	22	3.7
19	5	29.930	79	71	66	67	8.4	21	3.5
22	4	29.960	74	69	67	79	7.0	23	2.9

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

AUG 1991
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																0.05			0.62	T				03	
04																								04	
05																								05	
06																								06	
07																								07	
08																								08	
09					T	0.02	0.12	0.44	0.09	0.44	0.88	T	0.26	T	0.28	0.04	0.02			0.01		T	T	09	
10	0.10	0.01																						10	
11																								11	
12																								12	
13																								13	
14																				T	T	0.01	0.01	14	
15	T	T			T	0.01		T	T				0.08											15	
16																								16	
17																								17	
18																								18	
19	0.01	0.02	0.04	0.20	0.12	0.02	T	T	T	T							0.02	0.03	0.34	T	T	0.01	0.02	19	
20																0.03	0.01	0.02	0.02	T				20	
21																								21	
22																								22	
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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)	0.31	0.55	0.71	0.82	1.05	1.24	1.30	1.33	1.34	1.34	1.55	1.77
ENDED: DATE	09	09	09	09	09	09	09	09	09	09	09	09
ENDED: TIME	1017	1019	1021	1021	1026	1033	1048	1101	1112	1112	1026	1045

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:
MATTHEW BODOSKY

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