AUG 1982 13781
WILMINGTON, DELAWARE
GREATER WILMINGTON AIRPORT

ISSN 0198-117X

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

NATIONAL WEATHER SERVICE OFC

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

AUG 1982
WILMINGTON, DELAWARE

DATE	TEMPERATURE °F MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	AVERAGE DEW POINT	DEGREE DAYS BASE 65°F HEATING (SEASON BEGINS WITH JUL)	COOLING (SEASON BEGINS WITH JAN)	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 07AM INCHES	PRECIPITATION WATER EQUIVALENT (INCHES)	SNOW, ICE PELLETS (INCHES)	AVERAGE STATION PRESSURE IN INCHES ELEV. 80 FEET ABOVE M.S.L.	WIND (M.P.H.) RESULTANT DIR.	RESULTANT SPEED	AVERAGE SPEED	FASTEST MILE SPEED	FASTEST MILE DIRECTION	SUNSHINE MINUTES	PERCENT OF TOTAL POSSIBLE	SKY COVER (TENTHS) SUNRISE TO SUNSET	MIDNIGHT TO MIDNIGHT	DATE
1	85	67	76	0	66	0	11	1 8	0	0	0	29.82	31	6.7	7.6	13	32			4	3	1
2	87	64	76	0	66	0	11	8	0	0	0	29.83	29	5.8	6.0	12	33			3	4	2
3	87	66	77	1	66	0	12		0	0	0	29.85	33	6.5	7.9	13	01			1	3	3
4	90	65	78	2	69	0	13	1 8	0	0	0	29.91	21	4.5	7.5	18	16			4	4	4
5	90*	73	82	7	74	0	17	1 8	0	0	0	29.95	23	3.2	7.6	14	27			10	9	5
6	81	69	75	0	68	0	10	8	0	0	0	30.07	07	8.1	10.1	16	08			10	9	6
7	82	62	72	-3	64	0	7		0	0	0	30.09	18	5.3	9.1	15	15			3	5	7
8	86	70	78	3	70	0	13	1 3	0	.86	0	29.95	16	8.6	9.5	17	16			9	9	8
9	89	74	82	7	75	0	17	1 3 8	0	.05	0	29.82	21	7.9	8.9	14	23			9	9	9
10	89	74	82*	7	69	0	17	1 8	0	0	0	29.91	26	7.8	8.5	16	26			6	7	10
11	77	61	69	-6	61	0	4	1	0	.02	0	30.03	01	8.7	9.8	15	01			10	10	11
12	80	59	70	-5	58	0	5	1	0	.27	0	30.01	02	8.0	9.1	15	03			5	5	12
13	79	55	67	-8	54	0	2		0	0	0	30.01	33	5.2	5.6	12	34			0	0	13
14	83	56	70	-4	58	0	5		0	0	0	29.99	30	1.6	5.5	9	31			2	1	14
15	86	58	72	-2	58	0	7		0	0	0	30.00	31	4.8	6.2	10	28			1	1	15
16	88	62	75	1	62	0	10	8	0	0	0	30.01	22	5.0	6.3	13	29			1	1	16
17	89	65	77	3	68	0	12	23 5 8	0	2.37	0	29.90	26	4.5	7.3	29	28			8	8	17
18	82	60	71	-3	61	0	6	1	0	0	0	29.96	34	6.1	7.5	13	36			2	2	18
19	82	57	70	-4	59	0	5		0	0	0	30.04	25	5.1	7.5	12	22			3	3	19
20	86	64	75	1	65	0	10	1 8	0	T	0	29.87	26	7.9	8.8	17	30			6	6	20
21	75	60	68	-6	59	0	3	1 8	0	T	0	29.83	36	6.8	8.1	16	34			5	6	21
22	71	48	60	-13	49	5	0		0	0	0	30.03	34	2.2	6.3	18	27			7	7	22
23	76	61	69	-4	66	0	4	1 3 8	0	.85	0	29.92	21	5.0	6.8	18	26			10	10	23
24	85	65	75	2	66	0	10	1 8	0	0	0	29.88	25	4.3	6.5	10	32			1	4	24
25	89	62	76	3	65	0	11	1 8	0	.26	0	29.69	25	7.2	13.7	25	30			6	5	25
26	80	55	68	-5	56	0	3		0	0	0	29.97	27	6.1	7.5	12	26			2	3	26
27	79	61	70	-3	61	0	5		0	T	0	29.88	24	5.5	6.9	12	23			10	8	27
28	75	54	65	-7	50	0	0	1	0	0	0	29.97	33	7.9	9.5	15	32			2	2	28
29	70	43*	57*	-15	41	8	0		0	0	0	30.24	32	3.2	7.5	12	19			3	4	29
30	72	56	64	-8	52	1	0		0	0	0	30.22	19	8.5	8.6	14	15			8	7	30
31	86	60	73	1	64	0	8	8	0	T	0	30.09	20	5.9	6.8	15	19			9	8	31
SUM	2556	1906				TOTAL 14	TOTAL 238	NUMBER OF DAYS		TOTAL 4.68	TOTAL 0	FOR THE MONTH: 29.96	27	2.5	7.9	29	28	TOTAL	% FOR MONTH	SUM 160	SUM 163	
AVG.	82.5	AVG. 61.5	AVG. 72.0	DEP. -2.1	AVG. 62	DEP. 14	DEP. -44	PRECIPITATION > .01 INCH 7		DEP. 0.70						DATE: 17		POSSIBLE		AVG. 5.2	AVG. 5.3	

NUMBER OF DAYS				SEASON TO DATE TOTAL	SEASON TO DATE TOTAL	SNOW, ICE PELLETS > 1.0 INCH 0	GREATEST IN 24 HOURS AND DATES			GREATEST DEPTH ON GROUND OF SNOW, ICE PELLETS OR ICE AND DATE
MAXIMUM TEMP.		MINIMUM TEMP.		14	869	THUNDERSTORMS 4	PRECIPITATION	SNOW, ICE PELLETS		0
≤ 90°	≤ 32°	≤ 32°	≤ 0°	DEP.	DEP.	HEAVY FOG 1	2.37	17	0	
2	0	0	0	14	8	CLEAR 13 PARTLY CLOUDY 8 CLOUDY 10				

* 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 DATA.

MINIMUM TEMP. IS NEW RECORD FOR AUGUST.

DATA IN COLS 6 AND 12-15 ARE BASED ON 7 OR MORE OBSERVATIONS AT 3-HOUR 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 CHANGES IN SUMMARY DATA WILL BE ANNOTATED IN THE ANNUAL PUBLICATION.

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 CENTER, ASHEVILLE, NORTH CAROLINA, 28801.

L. Ray Hoxit

ACTING DIRECTOR
NATIONAL CLIMATIC CENTER

noaa NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL DATA AND INFORMATION SERVICE / NATIONAL CLIMATIC CENTER ASHEVILLE, NORTH CAROLINA

OBSERVATIONS AT 3-HOUR INTERVALS

AUG 1982 13781
WILMINGTON, DELAWARE

HOUR L.S.T.	SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	VISIBILITY WHOLE MILES	VISIBILITY 16THS MILE	WEATHER	TEMPERATURE AIR °F	TEMPERATURE WET BULB °F	TEMPERATURE DEW POINT °F	REL HUMIDITY %	WIND DIRECTION	WIND SPEED (KNOTS)
DAY 01											
01	4	UNL	6		F	71	70	69	93	30	6
04	0	UNL	3		F	70	68	67	90	32	6
07	0	UNL	2	8	H	72	69	67	84	34	8
10	2	UNL	7			81	72	67	63	01	8
13	4	UNL	8			83	71	65	55	29	9
16	10	UNL	8			82	71	65	56	31	8
19	4	UNL	7			78	69	64	62	28	4
22	0	UNL	8			72	68	66	82	28	4
DAY 02											
01	0	UNL	7			67	64	63	87	30	5
04	8	250	7			66	64	63	90	31	5
07	1	UNL	6		H	69	66	65	87	27	3
10	0	UNL	8			83	73	68	61	28	7
13	4	UNL	8			85	73	67	55	30	5
16	4	UNL	8			86	73	66	51	29	5
19	6	250	5		H	80	73	69	69	26	6
22	8	250	8			74	68	64	71	30	6
DAY 03											
01	7	95	7			70	67	66	87	31	5
04	10	120	7			69	66	64	84	34	6
07	0	UNL	8			71	67	65	81	36	8
10	0	UNL	9			80	71	66	62	03	10
13	2	UNL	10			85	72	66	53	30	7
16	2	UNL	10			85	72	66	53	30	7
19	0	UNL	10			78	71	67	69	30	7
22	0	UNL	10			72	69	67	84	35	5
DAY 04											
01	0	UNL	7			68	67	66	93	32	7
04	0	UNL	4		F	66	64	63	90	30	4
07	3	UNL	4		H	73	69	67	82	00	0
10	3	UNL	6		H	83	73	68	61	16	7
13	3	UNL	7			86	74	69	57	26	6
16	5	UNL	7			85	78	75	72	20	10
19	6	250	6		H	78	73	71	79	18	10
22	7	UNL	6		H	77	74	72	85	18	8
DAY 05											
01	7	UNL	4		FH	74	72	71	90	21	6
04	10	50	3		FH	74	73	72	94	18	7
07	10	41	2		FH	76	74	73	90	00	0
10	10	40	2		FH	81	77	76	85	22	8
13	10	45	3		H	85	79	77	77	18	8
16	10	85	3		H	87	80	77	72	27	12
19	10	39	3		H	84	78	75	74	02	8
22	8	250	5		H	78	75	74	88	01	4
DAY 06											
01	4	UNL	6		H	76	71	69	79	02	8
04	7	85	8			75	70	67	76	03	8
07	10	16	9			74	69	67	79	03	10
10	10	19	5		H	78	73	70	77	06	11
13	10	25	5		H	77	72	69	76	09	9
16	10	20	5		H	78	72	69	74	10	9
19	10	100	7			74	69	67	79	12	7
22	7	120	8			71	67	65	81	11	8
DAY 07											
01	4	UNL	10			68	65	64	87	06	5
04	6	UNL	8			64	63	62	93	36	4
07	3	UNL	8			70	67	65	84	05	6
10	2	UNL	15			77	68	63	62	18	7
13	3	UNL	15			81	71	66	60	19	9
16	4	UNL	15			81	69	62	53	19	11
19	3	UNL	15			75	67	63	66	18	9
22	10	130	15			72	67	64	76	20	12
DAY 08											
01	8	UNL	15			70	66	63	79	27	4
04	10	23	15			70	66	64	81	00	0
07	10	44	12			74	71	69	84	18	7
10	10	100	12			78	73	71	79	16	12
13	8	UNL	9			84	76	72	67	15	12
16	10	250	10			82	75	72	72	17	14
19	10	10	4		RWF	76	75	75	97	16	10
22	10	9	3		F	77	76	76	97	14	7
DAY 09											
01	10	10	5		F	76	75	75	97	18	10
04	8	7	4		F	75	74	74	97	18	11
07	10	4	4		F	76	75	75	97	24	5
10	10	80	7			80	76	75	85	24	7
13	7	90	8			86	78	75	70	23	10
16	10	32	7			85	77	73	67	23	8
19	10	90	4		F	78	76	75	91	22	5
22	10	85	5		F	76	75	74	94	17	6
DAY 10											
01	10	100	5		F	76	75	75	97	22	6
04	10	100	4		F	75	74	74	97	23	8
07	10	14	4		F	76	75	74	94	29	7
10	3	UNL	6		H	83	75	72	70	27	8
13	4	UNL	8			88	75	69	53	24	7
16	3	UNL	10			87	71	63	45	25	13
19	8	250	12			80	69	63	56	28	6
22	10	85	12			76	69	65	69	29	4
DAY 11											
01	10	55	10			75	69	65	71	29	4
04	10	95	10			72	66	62	71	01	6
07	10	90	9			72	65	60	66	02	10
10	10	95	12			74	65	59	60	04	8
13	10	95	12			77	68	63	62	35	13
16	10	55	7		RW	66	63	61	84	01	13
19	10	32	7		RW	63	62	61	93	05	8
22	10	25	7			63	61	60	90	02	6
DAY 12											
01	10	19	6		R	60	60	60	100	35	8
04	10	39	7		R	61	60	60	97	03	6
07	9	40	7			63	62	61	93	36	7
10	5	UNL	10			71	64	60	68	05	11
13	5	UNL	12			75	65	59	58	05	10
16	3	UNL	15			80	64	53	39	02	11
19	1	UNL	12			74	62	54	50	02	5
22	0	UNL	12			64	61	59	84	31	5
DAY 13											
01	0	UNL	12			60	58	57	90	32	6
04	0	UNL	9			56	55	54	93	32	7
07	0	UNL	10			63	59	56	78	01	5
10	0	UNL	15			74	63	55	52	33	4
13	1	UNL	20			77	62	52	42	34	7
16	1	UNL	20			79	63	51	38	30	6
19	0	UNL	20			73	62	54	51	30	4
22	0	UNL	15			67	61	56	68	00	0
DAY 14											
01	0	UNL	15			60	58	57	90	35	5
04	0	UNL	10			58	57	56	93	31	6
07	2	UNL	9			63	60	58	84	00	0
10	0	UNL	15			76	65	58	54	08	4
13	3	UNL	15			79	66	58	49	14	8
16	3	UNL	15			81	65	55	41	27	7
19	0	UNL	15			76	64	57	52	26	4
22	0	UNL	12			67	64	62	84	32	4
DAY 15											
01	0	UNL	10			63	61	60	90	32	5
04	0	UNL	7			60	59	58	93	32	6
07	0	UNL	10			65	61	59	81	32	4
10	0	UNL	15			80	66	58	47	02	4
13	3	UNL	15			83	67	57	41	35	6
16	2	UNL	15			86	67	56	36	28	9
19	2	UNL	12			79	67	59	50	24	5
22	0	UNL	12			71	64	60	68	28	4
DAY 16											
01	0	UNL	10			66	62	60	81	00	0
04	0	UNL	8			62	60	59	90	31	5
07	0	UNL	6		H	69	63	60	73	00	0
10	0	UNL	8			81	70	65	58	22	8
13	3	UNL	7			86	70	62	45	21	8
16	2	UNL	8			86	68	58	39	25	7
19	0	UNL	7			77	70	67	71	17	8
22	0	UNL	7			73	68	66	79	21	8
DAY 17											
01	3	UNL	6		H	70	68	67	90	21	3
04	10	250	4		F	70	69	68	93	00	0
07	10	0	0	2	F	71	71	71	100	21	4
10	9	14	3		H	81	75	73	77	26	6
13	3	UNL	6		H	89	73	65	45	30	10
16	10	5	2	8	TRWH	68	65	63	84	21	14
19	10	60	7		RW	69	67	66	90	01	7
22	10	110	7			68	67	67	97	28	7
DAY 18											
01	0	UNL	10			64	63	62	93	30	7
04	3	UNL	7			62	61	61	97	31	7
07	0	UNL	7			67	63	61	81	35	9
10	3	UNL	15			76	68	63	64	01	8
13	4	UNL	15			80	68	62	54	07	4
16	3	UNL	15			82	67	58	44	01	6
19	0	UNL	15			75	65	59	58	32	5
22	0	UNL	12			66	62	59	78	32	6

WEATHER CODES

*	TORNADO	ZL	FREEZING DRIZZLE	IPW	ICE PELLET SHOWERS
T	THUNDERSTORM	S	SNOW	A	HAIL
Q	SQUALL	SW	SNOW SHOWERS	F	FOG
R	RAIN	SG	SNOW GRAINS	IF	ICE FOG
RW	RAIN SHOWERS	SP	SNOW PELLETS	GF	GROUND FOG
ZR	FREEZING RAIN	IC	ICE CRYSTALS	BD	BLOWING DUST
L	DRIZZLE	IP	ICE PELLETS		

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 FASTEST OBSERVED AVERAGE ONE-MINUTE VALUE, EXPRESSED IN KNOTS (MPH=KNOTS X 1.151).

OBSERVATIONS AT 3-HOUR INTERVALS

AUG 1982 13781
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HOUR L.S.T.	SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	VISIBILITY WHOLE MILES	VISIBILITY 16THS MILE	WEATHER	TEMPERATURE AIR °F	TEMPERATURE WET BULB °F	TEMPERATURE DEW POINT °F	REL HUMIDITY %	WIND DIRECTION	WIND SPEED (KNOTS)
DAY 19											
01	0	UNL	15			62	61	60	93	33	4
04	0	UNL	15			59	58	57	93	31	6
07	0	UNL	15			57	56	55	93	33	4
10	1	UNL	15			78	67	60	54	28	6
13	4	UNL	15			81	67	58	46	24	7
16	5	UNL	12			80	67	60	51	22	10
19	8	250	12			74	67	63	69	19	8
22	7	250	10			68	64	62	81	23	7
DAY 20											
01	3	UNL	8			67	66	65	93	23	6
04	0	UNL	4		F	64	64	64	100	22	6
07	2	UNL	2	8	F	69	68	67	93	24	4
10	3	UNL	7			79	70	66	65	26	13
13	6	250	8			85	72	65	51	30	10
16	10	95	8			80	70	64	58	25	11
19	10	55	7			77	69	65	67	25	6
22	10	55	8			71	68	66	84	30	5
DAY 21											
01	10	70	5		F	69	68	68	97	29	4
04	10	85	3		F	66	65	65	97	29	6
07	5	UNL	2		F	67	66	66	97	36	6
10	8	120	8			73	66	61	66	04	8
13	8	100	12			71	63	58	64	35	10
16	4	UNL	15			73	61	52	48	36	9
19	0	UNL	15			66	56	48	52	01	6
22	7	70	15			61	55	50	67	01	7
DAY 22											
01	7	70	15			58	53	48	70	01	10
04	2	UNL	15			50	48	46	86	01	8
07	7	250	20			52	49	47	83	35	5
10	3	UNL	25			61	52	43	52	32	4
13	10	UNL	20			66	56	47	51	14	4
16	8	UNL	20			70	59	50	49	25	6
19	9	250	15			64	57	52	65	22	3
22	8	250	15			63	61	60	90	18	4
DAY 23											
01	9	250	7			62	59	57	84	20	5
04	10	41	6		H	63	61	59	87	22	4
07	10	36	10			66	63	61	84	16	6
10	10	120	8			73	70	69	87	22	10
13	10	20	5		RWH	73	72	72	97	31	7
16	10	75	4		H	75	74	73	94	19	4
19	10	80	4		H	72	71	70	93	17	5
22	10	75	4		TRWF	71	70	70	97	19	6
DAY 24											
01	10	140	7			68	67	66	93	24	4
04	10	95	6		F	68	67	67	97	32	6
07	0	UNL	2		F	69	67	66	90	31	4
10	0	UNL	6		H	77	69	65	67	34	4
13	2	UNL	7			82	70	63	53	24	8
16	1	UNL	7			84	71	65	53	24	8
19	5	UNL	6		H	77	69	65	67	22	4
22	6	UNL	5		FH	73	71	70	90	18	7
DAY 25											
01	10	250	4		FH	73	70	68	84	16	9
04	10	25	3		RWH	71	69	68	90	19	15
07	10	10	2		RFH	72	71	70	93	20	9
10	8	85	3		H	80	77	76	88	22	12
13	3	UNL	15			87	75	69	55	26	18
16	1	UNL	15			83	68	59	44	32	19
19	1	UNL	15			73	64	59	62	32	6
22	0	UNL	15			67	59	54	63	34	7
DAY 26											
01	0	UNL	15			62	56	52	70	30	5
04	0	UNL	15			58	55	53	84	27	5
07	0	UNL	20			62	58	56	81	30	7
10	0	UNL	20			75	65	58	56	32	8
13	1	UNL	20			78	66	58	50	26	10
16	7	UNL	20			79	65	57	47	22	8
19	6	120	15			72	62	56	57	24	5
22	6	120	15			68	62	58	71	22	4
DAY 27											
01	6	250	15			64	60	57	78	23	4
04	4	UNL	10			61	59	57	87	00	0
07	10	110	8			62	60	59	90	25	3
10	10	130	10			73	66	62	69	21	10
13	10	34	10			76	68	64	66	23	10
16	10	70	9			75	70	68	79	20	8
19	9	60	9			72	65	60	66	26	6
22	3	UNL	12			66	63	62	87	32	7
DAY 28											
01	0	UNL	7			63	62	61	93	22	4
04	3	UNL	5		F	64	63	62	93	34	7
07	7	UNL	20			62	56	52	70	36	7
10	4	UNL	20			67	58	50	55	36	13
13	0	UNL	20			73	59	48	41	28	7
16	0	UNL	20			75	59	46	36	31	10
19	0	UNL	20			64	53	43	47	32	6
22	0	UNL	15			60	48	34	38	33	12
DAY 29											
01	0	UNL	15			54	45	35	49	36	9
04	0	UNL	15			47	42	36	66	34	7
07	0	UNL	25			50	46	42	74	35	6
10	2	UNL	25			61	51	42	50	04	8
13	0	UNL	25			65	53	42	43	21	5
16	7	UNL	20			70	54	38	31	31	5
19	8	250	20			62	53	44	52	22	6
22	7	UNL	15			57	51	45	64	23	6
DAY 30											
01	10	95	15			58	52	46	65	18	6
04	10	95	15			57	52	47	69	21	4
07	10	95	15			58	54	50	75	20	6
10	9	100	15			68	57	49	51	19	10
13	9	160	15			71	61	53	53	18	9
16	9	41	15			71	62	56	59	18	11
19	2	UNL	15			68	60	55	63	20	7
22	2	UNL	15			65	60	57	75	18	7
DAY 31											
01	2	UNL	10			61	59	57	87	20	5
04	10	75	7			61	59	58	90	00	0
07	10	75	10			65	63	62	90	22	4
10	10	55	6		RW	68	66	65	90	22	5
13	10	70	6		H	79	73	70	74	13	6
16	8	90	6		H	84	74	69	61	21	9
19	1	UNL	5		H	78	71	67	69	22	8
22	8	100	8			74	69	66	76	18	10

WILMINGTON DEL 82 08

SUMMARY BY HOURS

HOUR L.S.T.	AVERAGES SKY COVER (TENTHS)	AVERAGES STATION PRESSURE (INCHES)	AVERAGES TEMPERATURE AIR TEMP °F	AVERAGES TEMPERATURE WET BULB °F	AVERAGES TEMPERATURE DEW POINT °F	AVERAGES REL HUMIDITY %	AVERAGES WIND SPEED (MPH)	RESULTANT WIND DIRECTION	RESULTANT WIND SPEED (MPH)
01	5	29.95	66	64	62	85	6.5	29	2.5
04	6	29.95	64	62	61	89	6.5	30	2.9
07	5	29.98	67	64	62	85	6.1	33	2.5
10	5	29.99	76	68	63	66	9.2	28	1.4
13	5	29.96	80	69	63	57	9.6	26	3.6
16	6	29.93	80	68	61	56	10.7	25	5.2
19	5	29.94	74	66	62	67	7.2	24	2.5
22	5	29.97	69	65	62	79	7.2	25	2.3

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

AUG 1982 13781
WILMINGTON, DELAWARE

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	
1																									1
2																									2
3																									3
4																									4
5																									5
6																									6
7																									7
8																			.10	.76	T		T	T	8
9																	.03	.02							9
10																									10
11		T	T								T	T	T	T	.01	T	.01	T	T	T				T	11
12	.10	.07	.01	T	.06	.02	.01																		12
13																									13
14																									14
15																									15
16																									16
17															.84	.22	1.26	T	.05	T					17
18																									18
19																									19
20																				T				T	20
21	T																								21
22																									22
23											.01	T	T	.36	.05						.02	.01	.31	.09	23
24																									24
25			.01	.13	.03	T	T	T	T		.09	T													25
26																									26
27															T	T									27
28																									28
29																									29
30																									30
31										T	T														31

MAXIMUM SHORT DURATION PRECIPITATION

TIME PERIOD (MINUTES)	5	10	15	20	30	45	60	80	100	120	150	180
PRECIPITATION (INCHES)	00.37	00.55	00.71	00.87	01.20	01.26	01.40	01.48	01.76	02.26	02.32	02.32
ENDED: DATE	17	17	17	17	17	17	17	17	17	17	17	17
ENDED: TIME	1447	1449	1450	1622	1632	1645	1645	1645	1615	1635	1700	1730

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.

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