

MAR 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

MAR 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. 12 | 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 | | |
| 01 | 48 | 25 | 37 | 0 | 21 | 28 | 0 | | 0 | 0.00 | 0.0 | 30.110 | 31 | 6.8 | 7.4 | 36 | NW | 17 | 31 | | | 4 | 2 |
| 02 | 58 | 26 | 42 | 5 | 24 | 23 | 0 | | 0 | 0.00 | 0.0 | 30.060 | 20 | 5.4 | 7.8 | 23 | SW | 18 | 24 | | | 5 | 5 |
| 03 | 54 | 42 | 48 | 11 | 39 | 17 | 0 | 1 | 8 | 0.03 | 0.0 | 29.950 | 07 | 1.4 | 5.7 | 13 | NE | 10 | 09 | | | 10 | 10 |
| 04 | 46 | 33 | 40 | 2 | 39 | 25 | 0 | 2 | | 0.85 | 0.0 | 29.800 | 03 | 8.8 | 10.5 | 23 | N | 17 | 02 | | | 10 | 9 |
| 05 | 45 | 27 | 36 | -2 | 17 | 29 | 0 | | 0 | 0.00 | 0.0 | 30.200 | 33 | 8.4 | 9.2 | 22 | NW | 15 | 36 | | | 1 | 1 |
| 06 | 49 | 24 | 37 | -1 | 24 | 28 | 0 | | 0 | 0.00 | 0.0 | 30.110 | 17 | 4.0 | 6.3 | 16 | S | 14 | 17 | | | 0 | 1 |
| 07 | 59 | 30 | 45 | 6 | 32 | 20 | 0 | 1 | 8 | 0.00 | 0.0 | 30.030 | 31 | 9.4 | 10.4 | 29 | NW | 21 | 31 | | | 0 | 1 |
| 08 | 54 | 31 | 43 | 4 | 29 | 22 | 0 | | 0 | 0.00 | 0.0 | 30.240 | 17 | 3.6 | 8.9 | 21 | S | 15 | 17 | | | 1 | 1 |
| 09 | 66 | 37 | 52 | 13 | 46 | 13 | 0 | 1 | 8 | 0.0 | 0.0 | 29.750 | 21 | 7.5 | 9.2 | 29 | SW | 17 | 20 | | | 9 | 9 |
| 10 | 55 | 31 | 43 | 3 | 26 | 22 | 0 | 1 | | 0.0 | 0.0 | 29.590 | 34 | 13.3 | 13.8 | 31 | NW | 18 | 33 | | | 4 | 5 |
| 11 | 54 | 28 | 41 | 1 | 19 | 24 | 0 | | 0 | 0.00 | 0.0 | 29.960 | 30 | 7.2 | 8.8 | 23 | NW | 16 | 34 | | | 0 | 0 |
| 12 | 64 | 37 | 51 | 11 | 31 | 14 | 0 | | 0 | 0.0 | 0.0 | 29.830 | 20 | 8.7 | 9.5 | 29 | SW | 18 | 23 | | | 6 | 5 |
| 13 | 64 | 38 | 51 | 10 | 39 | 14 | 0 | 1 | | 0.05 | 0.0 | 29.560 | 29 | 8.7 | 12.6 | 31 | NW | 20 | 32 | | | 6 | 8 |
| 14 | 42 | 32 | 37 | -4 | 19 | 28 | 0 | | 0 | 0.00 | 0.0 | 29.560 | 30 | 13.6 | 13.9 | 28 | NW | 20 | 30 | | | 10 | 7 |
| 15 | 38 | 28 | 33 | -8 | 14 | 32 | 0 | | 0 | 0.0 | 0.0 | 29.645 | 31 | 13.2 | 13.6 | 31 | NW | 20 | 30 | | | 7 | 6 |
| 16 | 47 | 26 | 37 | -5 | 19 | 28 | 0 | | 0 | 0.00 | 0.0 | 29.830 | 31 | 15.6 | 16.1 | 37 | NW | 23 | 33 | | | 5 | 4 |
| 17 | 48 | 33 | 41 | -1 | 18 | 24 | 0 | | 0 | 0.00 | 0.0 | 30.040 | 31 | 13.6 | 13.9 | 30 | NW | 20 | 31 | | | 1 | 2 |
| 18 | 46 | 31 | 39 | -3 | 25 | 26 | 0 | | 0 | 0.02 | 0.0 | 29.950 | 26 | 6.1 | 8.3 | 25 | W | 14 | 24 | | | 10 | 8 |
| 19 | 47 | 35 | 41 | -2 | 24 | 24 | 0 | 1 | | 0.00 | 0.0 | 29.675 | 31 | 9.7 | 10.5 | 24 | NW | 18 | 32 | | | 6 | 7 |
| 20 | 46 | 31 | 39 | -4 | 18 | 26 | 0 | | 0 | 0.0 | 0.0 | 29.760 | 30 | 10.3 | 14.7 | 43 | NW | 26 | 34 | | | 6 | 6 |
| 21 | 40 | 25 | 33 | -11 | 5 | 32 | 0 | | 0 | 0.00 | 0.0 | 30.180 | 32 | 10.6 | 11.2 | 25 | NW | 17 | 31 | | | 1 | 3 |
| 22 | 43 | 19* | 31* | -13 | 6 | 34 | 0 | | 0 | 0.00 | 0.0 | 30.410 | 33 | 6.0 | 7.5 | 21 | NW | 13 | 33 | | | 1 | 2 |
| 23 | 53 | 30 | 42 | -2 | 27 | 23 | 0 | | 8 | 0.00 | 0.0 | 30.360 | 17 | 9.9 | 10.6 | 28 | S | 21 | 17 | | | 5 | 5 |
| 24 | 75 | 39 | 57 | 12 | 50 | 8 | 0 | 1 | 8 | 0.00 | 0.0 | 30.130 | 21 | 10.4 | 11.4 | 24 | SW | 16 | 24 | | | 3 | 4 |
| 25 | 77* | 50 | 64* | 19 | 50 | 1 | 0 | 1 | | 0.00 | 0.0 | 30.080 | 18 | 12.0 | 12.6 | 35 | S | 22 | 19 | | | 4 | 4 |
| 26 | 64 | 51 | 58 | 13 | 52 | 7 | 0 | 1 | 3 5 | 0.87 | 0.0 | 29.860 | 16 | 5.8 | 11.9 | 39 | W | 24 | 20 | | | 10 | 10 |
| 27 | 53 | 40 | 47 | 1 | 34 | 18 | 0 | 1 | | 0.0 | 0.0 | 29.865 | 29 | 11.6 | 12.9 | 30 | NW | 21 | 31 | | | 8 | 6 |
| 28 | 59 | 37 | 48 | 2 | 29 | 17 | 0 | | 0 | 0.00 | 0.0 | 30.205 | 29 | 8.6 | 9.8 | 26 | NW | 16 | 31 | | | 1 | 4 |
| 29 | 64 | 40 | 52 | 6 | 36 | 13 | 0 | | 0 | 0.00 | 0.0 | 30.230 | 16 | 7.0 | 8.2 | 21 | S | 16 | 18 | | | 5 | 5 |
| 30 | 66 | 42 | 54 | 7 | 45 | 11 | 0 | 1 | 8 | 0.00 | 0.0 | 30.150 | 14 | 6.3 | 9.1 | | | 16 | 17 | | | 5 | 5 |
| 31 | 69 | 48 | 59 | 12 | 39 | 6 | 0 | | 0 | 0.00 | 0.0 | 30.220 | 08 | 5.0 | 9.0 | 18 | NE | 16 | 06 | | | 7 | 8 |
| SUM | SUM | | | | | TOTAL | TOTAL | | | TOTAL | TOTAL | FOR THE MONTH: | | | | TOTAL | % | SUM | SUM | | | | |
| 1693 | 1046 | | | | | 637 | 0 | | | 1.82 | 29.980 | 29 | 4.1 | 10.5 | 43 | NW | 26 | 34 | | | 153 | 153 | |
| AVG. | AVG. | AVG. | DEP. | AVG. | DEP. | PRECIPITATION | | | | DEP. | | DATE: 20 | DATE: 20 | POSSIBLE | MONTH | AVG. | AVG. | | | | | | |
| 54.6 | 33.7 | 44.2 | 2.4 | 28.9 | -8.2 | 0 | | | | -2.05 | | | | | | 4.9 | 4.9 | | | | | | |
| NUMBER OF DAYS | | | | | | SEASON TO DATE | SNOW, ICE PELLETS | GREATEST IN 24 HOURS AND DATES | | | | GREATEST DEPTH ON GROUND OF | | | | | | | | | | | |
| | | | | | | TOTAL | ≥ 1.0 INCH | | | | | SNOW, ICE PELLETS OR ICE AND DATE | | | | | | | | | | | |
| MAXIMUM TEMP. | | | | | | 44.27 | 0 | PRECIPITATION | | | | SNOW, ICE PELLETS | | | | | | | | | | | |
| MINIMUM TEMP. | | | | | | | 1 | 0.87 26 | | | | trace 20+ | | | | | | | | | | | |
| ≥ 90° | | | | | | | 1 | | | | | | | | | | | | | | | | |
| ≤ 32° | | | | | | | 0 | | | | | | | | | | | | | | | | |
| ≤ 32° | | | | | | | 0 | | | | | | | | | | | | | | | | |
| ≤ 0° | | | | | | | 0 | | | | | | | | | | | | | | | | |
| DEP. | | | | | | | 10 | CLEAR 10 | | | | PARTLY CLOUDY 13 | | | | | | | | | | | |
| 0 | | | | | | | 0 | | | | | 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. Nadeau
DIRECTOR NATIONAL CLIMATIC DATA CENTER

OBSERVATIONS AT 3-HOUR INTERVALS

MAR 1988
WILMINGTON, DE

13781

| HOUR U.S.T. | SKY COVER (TENTHS) | | | VISI-BILITY | WEATHER | TEMPERATURE | | | | WIND | | SKY COVER (TENTHS) | SKY COVER (TENTHS) | | | VISI-BILITY | WEATHER | TEMPERATURE | | | | WIND | | SKY COVER (TENTHS) | SKY COVER (TENTHS) | | | VISI-BILITY | WEATHER | TEMPERATURE | | | | WIND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|--------------------|---------|---------|-------------|---------|-------------|-------------|--------------|----------------|-----------|---------------|--------------------|--------------------|---------|---------|-------------|---------|-------------|-------------|--------------|----------------|-----------|---------------|--------------------|--------------------|---------|---------|-------------|---------|-------------|-------------|--------------|----------------|-----------|---------------|--|--|--|--|--|--|--|--|--|--|--|--|--|----------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | 0-100 | 100-200 | 200-300 | | | AIR OF | NET BULB OF | DEW POINT OF | REL HUMIDITY % | DIRECTION | SPEED (KNOTS) | | 0-100 | 100-200 | 200-300 | | | AIR OF | NET BULB OF | DEW POINT OF | REL HUMIDITY % | DIRECTION | SPEED (KNOTS) | | 0-100 | 100-200 | 200-300 | | | AIR OF | NET BULB OF | DEW POINT OF | REL HUMIDITY % | DIRECTION | SPEED (KNOTS) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MAR 1st | | | | | | | | | | | | | | | | | | | | | | | | MAR 2nd | | | | | | | | | | | | | | | | | | | | | | | | MAR 3rd | | | | | | | | | | | | | | | | | | | | | | | |
| 01 | 0 | UNL | 8 | | | 35 | 30 | 20 | 54 | 21 | 3 | 0 | UNL | 12 | | | 31 | 28 | 22 | 69 | 00 | 0 | 10 | 70 | 10 | | | 48 | 41 | 32 | 54 | 20 | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 04 | 0 | UNL | 8 | | | 28 | 26 | 21 | 75 | 30 | 3 | 0 | UNL | 12 | | | 30 | 25 | 15 | 54 | 06 | 3 | 10 | 85 | 10 | | | 45 | 40 | 32 | 61 | 24 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 07 | 8 | 60 | 8 | | | 28 | 27 | 24 | 85 | 32 | 7 | 7 | UNL | 8 | | | 29 | 25 | 15 | 56 | 07 | 4 | 10 | 70 | 7 | | | 47 | 41 | 33 | 58 | 19 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 0 | UNL | 12 | | | 42 | 35 | 23 | 47 | 31 | 4 | 0 | UNL | 10 | | | 41 | 35 | 26 | 55 | 21 | 5 | 10 | 50 | 5 | RH | | 50 | 45 | 39 | 66 | 00 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | 3 | UNL | 15 | | | 45 | 36 | 21 | 39 | 31 | 15 | 6 | UNL | 12 | | | 55 | 43 | 25 | 31 | 21 | 12 | 10 | 60 | 4 | RH | | 52 | 48 | 44 | 74 | 00 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | 3 | UNL | 15 | | | 44 | 35 | 21 | 40 | 32 | 12 | 4 | UNL | 12 | | | 58 | 44 | 24 | 27 | 24 | 12 | 10 | 70 | 4 | H | | 52 | 48 | 44 | 74 | 08 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | 0 | UNL | 12 | | | 37 | 31 | 18 | 46 | 32 | 5 | 10 | 250 | 10 | | | 52 | 43 | 30 | 43 | 18 | 8 | 10 | 39 | 1 | B | RF | 49 | 48 | 47 | 93 | 07 | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | 0 | UNL | 12 | | | 31 | 27 | 19 | 61 | 31 | 4 | 7 | 250 | 10 | | | 48 | 41 | 31 | 52 | 18 | 5 | 10 | 41 | 2 | B | RF | 47 | 46 | 44 | 89 | 06 | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MAR 4th | | | | | | | | | | | | | | | | | | | | | | | | MAR 5th | | | | | | | | | | | | | | | | | | | | | | | | MAR 6th | | | | | | | | | | | | | | | | | | | | | | | |
| 01 | 10 | 25 | 3 | F | | 43 | 41 | 39 | 86 | 06 | 9 | 0 | UNL | 12 | | | 32 | 27 | 18 | 56 | 33 | 6 | 0 | UNL | 12 | | | 29 | 26 | 20 | 69 | 33 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 04 | 10 | 20 | 1 | F | | 43 | 42 | 41 | 93 | 05 | 8 | 0 | UNL | 12 | | | 29 | 24 | 14 | 53 | 36 | 13 | 0 | UNL | 12 | | | 26 | 24 | 21 | 81 | 00 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 07 | 10 | 4 | 1 | F | | 43 | 42 | 40 | 89 | 06 | 6 | 1 | UNL | 15 | | | 27 | 23 | 14 | 58 | 34 | 9 | 0 | UNL | 8 | | | 25 | 24 | 21 | 85 | 33 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 10 | 1 | 0 | F | | 45 | 45 | 44 | 96 | 09 | 4 | 1 | UNL | 15 | | | 34 | 28 | 17 | 50 | 01 | 7 | 0 | UNL | 10 | | | 40 | 33 | 20 | 45 | 18 | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | 10 | 3 | 0 | RF | | 46 | 45 | 44 | 93 | 07 | 9 | 1 | UNL | 15 | | | 42 | 34 | 19 | 40 | 36 | 7 | 0 | UNL | 10 | | | 46 | 36 | 20 | 36 | 15 | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | 10 | 20 | 2 | R | | 39 | 38 | 37 | 93 | 03 | 12 | 1 | UNL | 15 | | | 44 | 34 | 17 | 34 | 32 | 9 | 0 | UNL | 10 | | | 48 | 38 | 23 | 37 | 18 | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | 10 | 14 | 7 | R | | 39 | 38 | 36 | 89 | 02 | 11 | 0 | UNL | 15 | | | 36 | 30 | 18 | 48 | 30 | 5 | 0 | UNL | 10 | | | 40 | 36 | 30 | 68 | 17 | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | 4 | UNL | 10 | | | 37 | 35 | 31 | 79 | 33 | 11 | 3 | UNL | 15 | | | 35 | 29 | 17 | 48 | 01 | 4 | 4 | UNL | 10 | | | 35 | 33 | 30 | 82 | 00 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MAR 7th | | | | | | | | | | | | | | | | | | | | | | | | MAR 8th | | | | | | | | | | | | | | | | | | | | | | | | MAR 9th | | | | | | | | | | | | | | | | | | | | | | | |
| 01 | 2 | UNL | 8 | F | | 34 | 33 | 32 | 92 | 20 | 3 | 0 | UNL | 8 | | | 37 | 34 | 29 | 73 | 32 | 6 | 4 | UNL | 5 | F | | 39 | 38 | 37 | 93 | 16 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 04 | 2 | UNL | 5 | | | 30 | 29 | 28 | 92 | 30 | 3 | 0 | UNL | 7 | | | 33 | 31 | 28 | 82 | 32 | 7 | 8 | UNL | 5 | F | | 38 | 37 | 36 | 93 | 00 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 07 | 0 | UNL | 7 | | | 32 | 31 | 30 | 92 | 30 | 8 | 0 | UNL | 8 | | | 32 | 30 | 26 | 79 | 32 | 5 | 5 | UNL | 4 | F | | 37 | 36 | 35 | 93 | 05 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 0 | UNL | 9 | | | 52 | 44 | 34 | 51 | 30 | 10 | 0 | UNL | 10 | | | 47 | 38 | 25 | 42 | 10 | 6 | 10 | 110 | 4 | H | | 50 | 47 | 44 | 80 | 24 | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | 0 | UNL | 9 | | | 58 | 47 | 34 | 41 | 28 | 12 | 0 | UNL | 15 | | | 52 | 39 | 19 | 27 | 18 | 7 | 10 | 90 | 7 | | | 64 | 56 | 49 | 58 | 24 | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | 1 | UNL | 7 | | | 58 | 47 | 33 | 39 | 32 | 16 | 0 | UNL | 15 | | | 52 | 42 | 28 | 40 | 16 | 13 | 10 | 36 | 7 | | | 62 | 56 | 51 | 67 | 20 | 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | 0 | UNL | 7 | | | 49 | 42 | 33 | 54 | 33 | 11 | 7 | UNL | 12 | | | 42 | 39 | 35 | 76 | 18 | 12 | 10 | 30 | 7 | | | 58 | 55 | 53 | 84 | 20 | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | 0 | UNL | 8 | | | 43 | 38 | 32 | 65 | 28 | 7 | 6 | UNL | 10 | | | 41 | 39 | 37 | 86 | 13 | 9 | 10 | 9 | 7 | | | 57 | 55 | 53 | 87 | 22 | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MAR 10th | | | | | | | | | | | | | | | | | | | | | | | | MAR 11th | | | | | | | | | | | | | | | | | | | | | | | | MAR 12th | | | | | | | | | | | | | | | | | | | | | | | |
| 01 | 10 | 28 | 7 | | | 54 | 50 | 47 | 77 | 33 | 9 | 0 | UNL | 15 | | | 31 | 27 | 17 | 56 | 34 | 9 | 0 | UNL | 15 | | | 40 | 35 | 26 | 57 | 00 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 04 | 10 | 55 | 10 | | | 50 | 45 | 39 | 66 | 34 | 10 | 0 | UNL | 15 | | | 29 | 24 | 14 | 53 | 30 | 6 | 0 | UNL | 15 | | | 38 | 35 | 30 | 73 | 12 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 07 | 10 | 28 | 12 | RW | | 47 | 42 | 36 | 66 | 33 | 10 | 0 | UNL | 15 | | | 31 | 26 | 15 | 52 | 30 | 5 | 1 | UNL | 10 | | | 39 | 36 | 31 | 73 | 18 | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 10 | 34 | 10 | | | 44 | 37 | 27 | 51 | 34 | 14 | 0 | UNL | 15 | | | 43 | 34 | 18 | 37 | 32 | 14 | 3 | UNL | 15 | | | 55 | 44 | 31 | 40 | 21 | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | 0 | UNL | 15 | | | 50 | 40 | 24 | 36 | 36 | 15 | 0 | UNL | 15 | | | 50 | 38 | 18 | 28 | 31 | 12 | 8 | UNL | 15 | | | 59 | 46 | 31 | 35 | 22 | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | 0 | UNL | 15 | | | 50 | 38 | 20 | 31 | 33 | 16 | 0 | UNL | 15 | | | 54 | 41 | 20 | 26 | 30 | 8 | 6 | 250 | 15 | | | 62 | 48 | 31 | 31 | 20 | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | 0 | UNL | 15 | | | 43 | 33 | 12 | 28 | 36 | 12 | 2 | UNL | 15 | | | 47 | 38 | 23 | 39 | 22 | 6 | 5 | UNL | 15 | | | 54 | 44 | 31 | 42 | 16 | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | 0 | UNL | 15 | | | 37 | 29 | 12 | 36 | 34 | 7 | 0 | UNL | 15 | | | 42 | 36 | 25 | 51 | 24 | 4 | 7 | 200 | 15 | | | 51 | 43 | 32 | 48 | 17 | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MAR 13th | | | | | | | | | | | | | | | | | | | | | | | | MAR 14th | | | | | | | | | | | | | | | | | | | | | | | | MAR 15th | | | | | | | | | | | | | | | | | | | | | | | |
| 01 | 10 | 70 | 10 | | | 57 | 51 | 46 | 67 | 19 | 10 | 0 | UNL | 15 | | | 37 | 32 | 24 | 59 | 30 | 13 | 10 | 70 | 12 | | | 32 | 27 | 18 | 56 | 31 | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 04 | 10 | 50 | 8 | | | 54 | 49 | 44 | 69 | 29 | 12 | 0 | UNL | 15 | | | 34 | 29 | 19 | 54 | 31 | 11 | 7 | 200 | 12 | | | 30 | 26 | 18 | 61 | 30 | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 07 | 10 | 55 | 3 | | | 50 | 49 | 48 | 93 | 20 | 8 | 8 | UNL | 10 | | | 33 | 29 | 21 | 61 | 30 | 10 | 2 | UNL | 12 | | | 29 | 25 | 17 | 61 | 31 | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 5 | UNL | 15 | RWF | | 54 | 51 | 48 | 80 | 25 | 8 | 10 | 220 | 15 | | | 39 | 32 | 19 | 45 | 34 | 14 | 9 | 35 | 15 | | | 34 | 28 | 17 | 50 | 34 | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | 7 | 60 | 15 | | | 60 | 50 | 39 | 46 | 36 | 10 | 10 | 220 | 15 | | | 41 | 33 | 17 | 38 | 30 | 12 | 7 | 50 | 15 | | | 36 | 28 | 11 | 35 | 31 | 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | 5 | UNL | 12 | | | 59 | 49 | 38 | 46 | 32 | 12 | 10 | 50 | 12 | | | 39 | 32 | 20 | 47 | 30 | 13 | 8 | 50 | 15 | | | 36 | 28 | 11 | 35 | 29 | 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | 10 | 55 | 12 | | | 51 | 42 | 31 | 47 | 31 | 15 | 7 | 220 | 12 | | | 36 | 30 | 18 | 48 | 31 | 10 | 7 | 250 | 10 | | | 32 | 26 | 12 | 43 | 31 | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | 2 | UNL | 15 | | | 41 | 35 | 25 | 53 | 30 | 13 | 8 | 220 | 12 | | | 34 | 29 | 18 | 52 | 30 | 11 | 2 | UNL | 15 | | | 29 | 24 | 12 | 49 | 30 | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MAR 16th | | | | | | | | | | | | | | | | | | | | | | | | MAR 17th | | | | | | | | | | | | | | | | | | | | | | | | MAR 18th | | | | | | | | | | | | | | | | | | | | | | | |
| 01 | 0 | UNL | 12 | | | 28 | 24 | 13 | 53 | 29 | 12 | 6 | UNL | 12 | | | 36 | 30 | 20 | 52 | 30 | 12 | 0 | UNL | 15 | | | 32 | 28 | 19 | 59 | 31 | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 04 | 0 | UNL | 12 | | | 27 | 23 | 14 | 58 | 29 | 8 | 10 | 50 | 12 | | | 36 | 30 | 19 | 50 | 30 | 14 | 3 | UNL | 12 | | | 32 | 28 | 20 | 61 | 32 | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 07 | 3 | UNL | 10 | | | 30 | 26 | 18 | 61 | 29 | 10 | 1 | UNL | 12 | | | 34 | 28 | 15 | 46 | 31 | 14 | 10 | 100 | 8 | | | 34 | 30 | 21 | 59 | 29 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 2 | UNL | 15 | | | 39 | 33 | 21 | 49 | 33 | 15 | 3 | UNL | 15 | | | 39 | 31 | 17 | 41 | 31 | 17 | 10 | 200 | 10 | | | 38 | 32 | 21 | 50 | 20 | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | 5 | UNL | 15 | | | 45 | 36 | 21 | 39 | 31 | 17 | 0 | UNL | 15 | | | 44 | 35 | 18 | 35 | 33 | 13 | 10 | 200 | 10 | | | 45 | 36 | 22 | 40 | 22 | 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | 9 | 50 | 15 | | | 43 | 35 | 20 | 40 | 32 | 16 | 0 | UNL | 15 | | | 47 | 36 | 17 | 30 | 29 | 15 | 10 | 32 | 12 | | | 41 | 37 | 31 | 68 | 24 | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | 10 | 85 | 15 | | | 40 | 33 | 21 | 47 | 29 | 16 | 0 | UNL | 15 | | | 42 | 33 | 17 | 36 | 29 | 8 | 10 | 29 | 7 | R | | 37 | 35 | 32 | 82 | 25 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | 3 | UNL | 15 | | | 37 | 32 | 22 | 55 | 30 | 12 | 0 | UNL | 15 | | | 36 | 30 | 19 | 50 | 29 | 7 | 10 | 45 | 8 | R | | 38 | 35 | 31 | 76 | 31 | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

OBSERVATIONS AT 3-HOUR INTERVALS

MAR 1988
WILMINGTON, DE 13781

| HOUR L.S.T. | VIST-BILITY | | | | WEATHER | TEMPERATURE | | | | WIND | | | VIST-BILITY | WEATHER | TEMPERATURE | | | | WIND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|--------------------|-----------------------------|-------------|------------|---------|-------------|-------------|--------------|----------------|-----------|---------------|--------------------|-------------|---------|-----------------------------|-------------|------------|--------|-------------|--------------|----------------|-----------|---------------|----|--|----|----|----|----|----|----|----|--|--|--|--|--|--|--|--|--|--|--|----------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | SKY COVER (TENTHS) | CEILING IN HUNDREDS OF FEET | WHOLE MILES | 16THS MILE | | AIR OF | WET BULB OF | DEW POINT OF | REL HUMIDITY % | DIRECTION | SPEED (KNOTS) | SKY COVER (TENTHS) | | | CEILING IN HUNDREDS OF FEET | WHOLE MILES | 16THS MILE | AIR OF | WET BULB OF | DEW POINT OF | REL HUMIDITY % | DIRECTION | SPEED (KNOTS) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MAR 19th | | | | | | | | | | | | | | | | | | | | | | MAR 20th | | | | | | | | | | | | | | | | | | | | | | MAR 21st | | | | | | | | | | | | | | | | | | | | | |
| 01 | 10 | 50 | 7 | | | 38 | 37 | 35 | 89 | 31 | 5 | 10 | 110 | 10 | | 35 | 30 | 22 | 59 | 20 | 7 | 6 | UNL | 15 | | | 29 | 23 | 7 | 39 | 32 | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 04 | 10 | 100 | 7 | | | 37 | 35 | 32 | 82 | 32 | 4 | 6 | 55 | 8 | | 35 | 30 | 22 | 59 | 24 | 8 | 10 | 75 | 15 | | | 27 | 21 | 1 | 32 | 33 | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 07 | 9 | 100 | 5 | | F | 35 | 32 | 28 | 76 | 32 | 8 | 10 | 90 | 8 | | 37 | 32 | 24 | 59 | 21 | 8 | 8 | 75 | 15 | | | 25 | 20 | 4 | 40 | 34 | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 2 | UNL | 9 | | | 42 | 35 | 23 | 47 | 31 | 13 | 10 | 34 | 1 | | 36 | 34 | 31 | 82 | 34 | 23 | 0 | UNL | 20 | | | 31 | 24 | 5 | 33 | 35 | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | 10 | 48 | 12 | | | 44 | 35 | 18 | 35 | 30 | 14 | 5 | UNL | 15 | | 39 | 33 | 23 | 53 | 30 | 17 | 0 | UNL | 20 | | | 36 | 27 | 7 | 30 | 31 | 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | 7 | 50 | 12 | | | 45 | 36 | 20 | 37 | 32 | 16 | 3 | UNL | 15 | | 41 | 31 | 9 | 27 | 31 | 20 | 0 | UNL | 20 | | | 38 | 29 | 6 | 26 | 30 | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | 1 | UNL | 12 | | | 38 | 31 | 18 | 44 | 32 | 8 | 0 | UNL | 15 | | 34 | 27 | 10 | 37 | 31 | 11 | 0 | UNL | 15 | | | 32 | 25 | 6 | 33 | 31 | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | 10 | 110 | 12 | | | 36 | 30 | 20 | 52 | 28 | 5 | 0 | UNL | 15 | | 31 | 25 | 9 | 40 | 30 | 11 | 0 | UNL | 15 | | | 29 | 23 | 8 | 41 | 27 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MAR 22nd | | | | | | | | | | | | | | | | | | | | | | MAR 23rd | | | | | | | | | | | | | | | | | | | | | | MAR 24th | | | | | | | | | | | | | | | | | | | | | |
| 01 | 0 | UNL | 15 | | | 26 | 21 | 5 | 41 | 31 | 4 | 6 | 90 | 12 | | 36 | 29 | 13 | 39 | 00 | 0 | 7 | UNL | 6 | | H | 40 | 36 | 31 | 70 | 00 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 04 | 10 | 100 | 15 | | | 22 | 18 | 8 | 55 | 03 | 7 | 3 | UNL | 12 | | 33 | 29 | 20 | 59 | 00 | 0 | 10 | 15 | 7 | | | 53 | 51 | 49 | 86 | 20 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 07 | 1 | UNL | 15 | | | 21 | 17 | 5 | 50 | 36 | 7 | 0 | UNL | 7 | | 31 | 29 | 25 | 79 | 00 | 0 | 10 | 19 | 6 | | F | 56 | 53 | 51 | 83 | 21 | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 1 | UNL | 20 | | | 29 | 23 | 6 | 38 | 28 | 8 | 0 | UNL | 10 | | 46 | 38 | 25 | 44 | 16 | 12 | 2 | UNL | 7 | | | 65 | 59 | 54 | 68 | 24 | 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | 0 | UNL | 20 | | | 39 | 29 | 6 | 25 | 30 | 10 | 8 | UNL | 10 | | 51 | 42 | 30 | 45 | 17 | 17 | 0 | UNL | 8 | | | 72 | 61 | 53 | 51 | 24 | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | 0 | UNL | 15 | | | 43 | 31 | 2 | 18 | 31 | 9 | 10 | UNL | 9 | | 51 | 42 | 31 | 47 | 17 | 18 | 0 | UNL | 8 | | | 75 | 62 | 52 | 45 | 22 | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | 3 | UNL | 12 | | | 37 | 28 | 6 | 27 | 32 | 5 | 8 | UNL | 9 | | 45 | 40 | 32 | 61 | 17 | 12 | 2 | UNL | 8 | | | 67 | 59 | 53 | 61 | 18 | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | 8 | 110 | 12 | | | 36 | 28 | 8 | 31 | 21 | 5 | 6 | UNL | 10 | | 44 | 39 | 31 | 60 | 16 | 8 | 3 | UNL | 8 | | | 57 | 53 | 50 | 78 | 15 | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MAR 25th | | | | | | | | | | | | | | | | | | | | | | MAR 26th | | | | | | | | | | | | | | | | | | | | | | MAR 27th | | | | | | | | | | | | | | | | | | | | | |
| 01 | 0 | UNL | 7 | | | 52 | 50 | 48 | 86 | 14 | 6 | 10 | 250 | 10 | | 63 | 58 | 54 | 73 | 19 | 15 | 10 | 21 | 3 | | F | 51 | 51 | 50 | 96 | 21 | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 04 | 3 | UNL | 5 | | F | 51 | 49 | 47 | 86 | 18 | 5 | 10 | 24 | 10 | | 63 | 58 | 54 | 73 | 21 | 15 | 10 | 20 | 4 | | F | 51 | 50 | 49 | 93 | 22 | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 07 | 3 | UNL | 5 | | F | 52 | 51 | 49 | 90 | 14 | 4 | 10 | 19 | 3 | | 60 | 58 | 56 | 87 | 28 | 9 | 7 | 75 | 9 | | | 49 | 47 | 44 | 83 | 27 | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 6 | UNL | 8 | | | 68 | 60 | 54 | 61 | 20 | 14 | 10 | 50 | 8 | | 53 | 51 | 50 | 90 | 08 | 7 | 10 | 44 | 12 | | RW | 50 | 42 | 31 | 48 | 29 | 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | 5 | UNL | 10 | | | 75 | 61 | 50 | 42 | 19 | 16 | 10 | 75 | 10 | | 53 | 51 | 50 | 90 | 12 | 11 | 9 | 50 | 12 | | | 52 | 43 | 31 | 45 | 30 | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | 5 | UNL | 12 | | | 68 | 58 | 49 | 51 | 17 | 16 | 10 | 6 | 7 | | 54 | 53 | 52 | 93 | 12 | 8 | 9 | 50 | 12 | | | 48 | 39 | 27 | 44 | 31 | 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | 2 | UNL | 12 | | | 60 | 56 | 52 | 75 | 16 | 14 | 10 | 5 | 7 | | 53 | 51 | 50 | 90 | 09 | 11 | 1 | UNL | 12 | | | 44 | 36 | 22 | 42 | 30 | 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | 9 | 250 | 12 | | | 56 | 53 | 51 | 83 | 16 | 10 | 10 | 60 | 6 | | 51 | 51 | 50 | 96 | 09 | 4 | 0 | UNL | 12 | | | 41 | 35 | 25 | 53 | 29 | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MAR 28th | | | | | | | | | | | | | | | | | | | | | | MAR 29th | | | | | | | | | | | | | | | | | | | | | | MAR 30th | | | | | | | | | | | | | | | | | | | | | |
| 01 | 8 | 48 | 12 | | | 41 | 35 | 25 | 53 | 25 | 9 | 10 | 95 | 10 | | 46 | 41 | 35 | 66 | 00 | 0 | 3 | UNL | 10 | | | 45 | 42 | 39 | 80 | 06 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 04 | 10 | 44 | 12 | | | 40 | 34 | 25 | 55 | 24 | 9 | 2 | UNL | 10 | | 40 | 38 | 35 | 82 | 25 | 3 | 3 | UNL | 10 | | | 43 | 41 | 38 | 83 | 07 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 07 | 0 | UNL | 10 | | | 38 | 33 | 25 | 60 | 26 | 10 | 8 | 100 | 8 | | 46 | 39 | 30 | 54 | 12 | 6 | 0 | UNL | 4 | | | 44 | 42 | 40 | 86 | 10 | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 0 | UNL | 12 | | | 48 | 40 | 29 | 48 | 31 | 12 | 7 | 100 | 8 | | 54 | 45 | 35 | 49 | 16 | 7 | 1 | UNL | 8 | | | 58 | 51 | 45 | 62 | 14 | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | 0 | UNL | 12 | | | 55 | 45 | 32 | 42 | 31 | 14 | 2 | UNL | 10 | | 61 | 48 | 34 | 37 | 17 | 10 | 7 | UNL | 10 | | | 63 | 55 | 48 | 58 | 18 | 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | 1 | UNL | 12 | | | 59 | 46 | 31 | 35 | 30 | 13 | 6 | UNL | 10 | | 59 | 49 | 39 | 48 | 18 | 14 | 10 | 250 | 10 | | | 60 | 54 | 49 | 67 | 19 | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | 9 | UNL | 12 | | | 51 | 42 | 30 | 45 | 30 | 4 | 7 | UNL | 10 | | 53 | 47 | 41 | 64 | 17 | 9 | 10 | 100 | 10 | | | 58 | 53 | 49 | 72 | 18 | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | 5 | UNL | 12 | | | 46 | 40 | 31 | 56 | 00 | 0 | 4 | UNL | 12 | | 48 | 44 | 39 | 71 | 12 | 6 | 9 | UNL | 15 | | | 54 | 50 | 47 | 77 | 10 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MAR 31st | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 01 | 10 | UNL | 15 | | | 51 | 47 | 43 | 74 | 05 | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 04 | 8 | UNL | 10 | | | 49 | 45 | 40 | 71 | 04 | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 07 | 10 | 75 | 10 | | | 49 | 44 | 38 | 66 | 03 | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 4 | UNL | 15 | | | 56 | 47 | 36 | 47 | 03 | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | 5 | UNL | 15 | | | 65 | 51 | 36 | 34 | 07 | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | 8 | 100 | 15 | | | 68 | 52 | 36 | 31 | 15 | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | 7 | 250 | 15 | | | 53 | 47 | 40 | 62 | 17 | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | 7 | 70 | 15 | | | 50 | 46 | 42 | 74 | 14 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

SUMMARY - BY HOURS

| HOUR L.S.T. | SKY COVER (TENTHS) | AVERAGES | | | | RESULTANT WIND | |
|-------------|--------------------|---------------------------|-------------|--------------|------------------|------------------|-----------|
| | | STATION PRESSURE (INCHES) | TEMPERATURE | | WIND SPEED (MPH) | DIRECTION | |
| | | AIR TEMP OF | WET BULB OF | DEW POINT OF | REL HUMIDITY % | WIND SPEED (MPH) | DIRECTION |
| 01-5 | 29.980 | 40 | 36 | 29 | 66 | 7.5 | 29 |
| 04-5 | 29.980 | 38 | 34 | 28 | 69 | 8.2 | 30 |
| 07-5 | 30.000 | 38 | 34 | 28 | 70 | 8.2 | 30 |
| 10-4 | 30.020 | 46 | 39 | 30 | 55 | 11.9 | 31 |
| 13-5 | 29.975 | 51 | 42 | 29 | 44 | 13.9 | 28 |
| 16-5 | 29.940 | 52 | 42 | 29 | 44 | 14.7 | 28 |
| 19-5 | 29.960 | 45 | 39 | 29 | 56 | 10.8 | 26 |
| 22-5 | 29.970 | 42 | 38 | 30 | 63 | 7.8 | 27 |

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

MAR 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 | | | | | | | | | | | | | | | | | | | | | | | | | 04 |
| 05 | | | | | | | | | | | | | | | | | | | | | | | | | 05 |
| 06 | | | | | | | | | | | | | | | | | | | | | | | | | 06 |
| 07 | | | | | | | | | | | | | | | | | | | | | | | | | 07 |
| 08 | | | | | | | | | | | | | | | | | | | | | | | | | 08 |
| 09 | | | | | | | | | | | | | | | | | | | | | | | | | 09 |
| 10 | | | | | | | | | | | | | | | | | | | | | | | | | 10 |
| 11 | | | | | | | | | | | | | | | | | | | | | | | | | 11 |
| 12 | | | | | | | | | | | | | | | | | | | | | | | | | 12 |
| 13 | T | | | | 0.01 | 0.02 | 0.02 | T | | | | | | | | | | | | | | | | | 13 |
| 14 | | | | | | | | | | | | | | | | | | | | | | | | | 14 |
| 15 | | | | | | | | | | | | | | | | | | | | | | | | | 15 |
| 16 | | | | | | | | | | | | | | | | | | | | | | | | | 16 |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | | 17 |
| 18 | | | | | | | | | | | | | | | | | | | | | | | | | 18 |
| 19 | | | | | | | | | | | | | | | | | | | | | | | | | 19 |
| 20 | | | | | | | | | | | | | | | | | | | | | | | | | 20 |
| 21 | | | | | | | | | | | | | | | | | | | | | | | | | 21 |
| 22 | | | | | | | | | | | | | | | | | | | | | | | | | 22 |
| 23 | | | | | | | | | | | | | | | | | | | | | | | | | 23 |
| 24 | | | | | | | | | | | | | | | | | | | | | | | | | 24 |
| 25 | | | | | | | | | | | | | | | | | | | | | | | | | 25 |
| 26 | | | | | | | | | | | | | | | | | | | | | | | | | 26 |
| 27 | T | | | | T | T | 0.20 | 0.19 | 0.07 | 0.02 | 0.01 | 0.04 | T | 0.01 | 0.01 | T | | | | 0.02 | 0.24 | 0.02 | 0.01 | 0.03 | 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) | 0.16 | 0.19 | 0.20 | 0.20 | 0.21 | 0.25 | 0.31 | 0.37 | 0.41 | 0.45 | 0.51 | 0.58 |
| ENDED: DATE | 26 | 26 | 26 | 26 | 26 | 04 | 04 | 04 | 04 | 04 | 04 | 04 |
| ENDED: TIME | 2020 | 2021 | 2030 | 2030 | 2043 | 1634 | 1649 | 1704 | 1723 | 1746 | 1759 | 1708 |

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:
DICK WOLF

SUBSCRIPTION PRICE AND ORDERING INFORMATION AVAILABLE FROM:
THE NATIONAL CLIMATIC DATA CENTER, FEDERAL BUILDING
ASHEVILLE, NORTH CAROLINA 28801
ATTN: PUBLICATIONS

WILMINGTON, DE
USCOMH - NOAA - ASHEVILLE, NC 250

U.S. DEPARTMENT OF COMMERCE
NATIONAL CLIMATIC DATA CENTER
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