

LOCAL CLIMATOLOGICAL DATA Monthly Summary



GREATER WILMINGTON AIRPORT

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

SEP 1985
 WILMINGTON, DELAWARE

| DATE | TEMPERATURE OF | | | | 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 MINUTES | SKY COVER (TENTHS) | | | DATE |
|----------------|----------------|---------------|---------|--------------------------|--------------------------|-------------------------------------|---|--|-------------------------------------|------------------------------|--|-------------------------------|-----------------------------------|-----------------|---------------|---------------------|-----------------------|------------------------------|----------------------|------|
| | MAXIMUM | MINIMUM | AVERAGE | DEPARTURE FROM NORMAL | AVERAGE Dew POINT | HEATING (SEASON BEGINS WITH JUL) | | | COOLING (SEASON BEGINS WITH JAN) | WATER EQUIVALENT (INCHES) | | SNOW, ICE PELLETS (INCHES) | RESULTANT DIR. | RESULTANT SPEED | AVERAGE SPEED | | FASTEST MILE | PERCENT OF TOTAL POSSIBLE | SUNRISE TO SUNSET | |
| 01 | 73 | 63 | 68 | -4 | 58 | 0 | 3 | 0 | 0.00 | 0.0 | 30.175 | 11 | 4.9 | 8.0 | 12 | 19 | | 5 | 9 | 01 |
| 02 | 83 | 64 | 74 | 2 | 66 | 0 | 9 | 0 | 0.00 | 0.0 | 30.090 | 23 | 6.2 | 6.6 | 12 | 24 | | 5 | 5 | 02 |
| 03 | 88 | 66 | 77 | 5 | 69 | 0 | 12 | 1 | 0.00 | 0.0 | 30.010 | 25 | 2.4 | 4.4 | 9 | 32 | | 2 | 1 | 03 |
| 04 | 92 | 72 | 82 | 11 | 70 | 0 | 17 | 1 | 0.00 | 0.0 | 29.910 | 26 | 8.3 | 9.2 | 16 | 32 | | 3 | 4 | 04 |
| 05 | 92* | 72 | 82 | 11 | 69 | 0 | 17 | 0 | 0.00 | 0.0 | 29.880 | 25 | 7.6 | 8.4 | 13 | 22 | | 2 | 2 | 05 |
| 06 | 89 | 74 | 82 | 11 | 71 | 0 | 17 | 1 | 0.00 | 0.0 | 29.850 | 28 | 9.5 | 10.0 | 16 | 27 | | 3 | 2 | 06 |
| 07 | 91 | 75 | 83* | 12 | 71 | 0 | 18 | 1 | 0.00 | 0.0 | 29.960 | 30 | 3.1 | 6.8 | 14 | 17 | | 2 | 4 | 07 |
| 08 | 88 | 72 | 80 | 10 | 72 | 0 | 15 | 1 3 | 0.36 | 0.0 | 29.945 | 25 | 2.4 | 4.2 | 20 | 34 | | 9 | 7 | 08 |
| 09 | 90 | 71 | 81 | 11 | 72 | 0 | 16 | 1 3 | 0.13 | 0.0 | 29.830 | 27 | 4.0 | 5.4 | 23 | 29 | | 5 | 5 | 09 |
| 10 | 90 | 69 | 80 | 10 | 70 | 0 | 15 | 1 3 | 0.23 | 0.0 | 29.770 | 26 | 2.2 | 8.1 | 23 | 35 | | 6 | 5 | 10 |
| 11 | 74 | 56 | 65 | -5 | 50 | 0 | 0 | 0 | 0.00 | 0.0 | 29.970 | 36 | 10.9 | 11.2 | 17 | 36 | | 5 | 4 | 11 |
| 12 | 69 | 48 | 59 | -10 | 39 | 6 | 0 | 0 | 0.00 | 0.0 | 30.140 | 36 | 9.4 | 9.7 | 16 | 35 | | 1 | 2 | 12 |
| 13 | 63 | 48 | 56* | -13 | 38 | 9 | 0 | 0 | 0.00 | 0.0 | 30.310 | 36 | 10.4 | 11.2 | 18 | 03 | | 3 | 2 | 13 |
| 14 | 69 | 46 | 58 | -11 | 43 | 7 | 0 | 0 | 0.00 | 0.0 | 30.370 | 34 | 8.8 | 9.5 | 14 | 35 | | 1 | 1 | 14 |
| 15 | 72 | 46* | 59 | -9 | 44 | 6 | 0 | 0 | 0.00 | 0.0 | 30.310 | 34 | 5.3 | 6.4 | 10 | 02 | | 4 | 3 | 15 |
| 16 | 75 | 47 | 61 | -7 | 48 | 4 | 0 | 0 | 0.00 | 0.0 | 30.180 | 35 | 2.3 | 5.8 | 10 | 14 | | 4 | 2 | 16 |
| 17 | 76 | 50 | 63 | -5 | 52 | 2 | 0 | 0 | 0.00 | 0.0 | 30.200 | 17 | 3.5 | 6.4 | 14 | 18 | | 2 | 1 | 17 |
| 18 | 77 | 51 | 64 | -3 | 54 | 1 | 0 | 0 | 0.00 | 0.0 | 30.250 | 22 | 1.8 | 5.3 | 12 | 17 | | 8 | 4 | 18 |
| 19 | 84 | 56 | 70 | 3 | 59 | 0 | 5 | 1 | 0.00 | 0.0 | 30.200 | 27 | 2.5 | 3.9 | 9 | 28 | | 2 | 1 | 19 |
| 20 | 85 | 58 | 72 | 5 | 59 | 0 | 7 | 1 | 0.00 | 0.0 | 30.130 | 20 | 5.4 | 6.0 | 12 | 18 | | 1 | 0 | 20 |
| 21 | 81 | 56 | 69 | 3 | 61 | 0 | 4 | 1 | 0.00 | 0.0 | 30.055 | 23 | 2.8 | 3.5 | 10 | 24 | | 8 | 6 | 21 |
| 22 | 80 | 60 | 70 | 4 | 63 | 0 | 5 | 1 | 0.06 | 0.0 | 30.070 | 22 | 0.5 | 5.3 | 10 | 18 | | 10 | 8 | 22 |
| 23 | 73 | 66 | 70 | 5 | 66 | 0 | 5 | 1 | 0.03 | 0.0 | 30.020 | 05 | 13.2 | 13.4 | 18 | 07 | | 10 | 10 | 23 |
| 24 | 80 | 60 | 70 | 5 | 65 | 0 | 5 | 1 | 0 | 0 | 29.880 | 32 | 9.0 | 10.9 | 15 | 34 | | 10 | 8 | 24 |
| 25 | 75 | 52 | 64 | -1 | 48 | 1 | 0 | 0 | 0.00 | 0.0 | 30.050 | 01 | 5.1 | 7.1 | 10 | 11 | | 5 | 5 | 25 |
| 26 | 73 | 61 | 67 | 3 | 61 | 0 | 2 | 1 | 1.71 | 0.0 | 29.900 | 05 | 9.4 | 10.4 | 16 | 05 | | 10 | 10 | 26 |
| 27 | 74 | 59 | 67 | 3 | 62 | 0 | 2 | 1 | 2.04 | 0.0 | 29.480 | 32 | 11.5 | 17.8 | 38 | 32 | | 10 | 9 | 27 |
| 28 | 71 | 51 | 61 | -3 | 49 | 4 | 0 | 0 | 0.00 | 0.0 | 30.125 | 32 | 9.4 | 10.4 | 17 | 35 | | 0 | 1 | 28 |
| 29 | 75 | 49 | 62 | -1 | 51 | 3 | 0 | 1 | 0.00 | 0.0 | 30.260 | 24 | 1.0 | 3.1 | 8 | 19 | | 0 | 0 | 29 |
| 30 | 76 | 50 | 63 | 0 | 56 | 2 | 0 | 1 | 0.00 | 0.0 | 30.120 | 19 | 4.3 | 5.6 | 15 | 16 | | 3 | 3 | 30 |
| SUM | SUM | SUM | SUM | SUM | SUM | TOTAL | TOTAL | NUMBER OF DAYS | TOTAL | TOTAL | FOR THE MONTH: | | | | TOTAL | % | SUM | SUM | | |
| 2378 | 1768 | | | | | 45 | 174 | | 4.56 | 0.0 | 30.050 | 32 | 2.6 | 7.8 | 38 | 32 | | FOR | 142 | 124 |
| AVG. | AVG. | AVG. | DEP. | AVG. | DEP. | DEP. | PRECIPITATION | | DEP. | | | | | DATE: 27 | POSSIBLE | MONTH | AVG. | AVG. | | |
| 79.3 | 58.9 | 69.1 | 1.2 | 58.5 | | 9 | 51 | | 0.97 | | | | | | | 4.7 | 4.1 | | | |
| NUMBER OF DAYS | | | | | | SEASON TO DATE | | SNOW, ICE PELLETS | GREATEST IN 24 HOURS AND DATES | | | | GREATEST DEPTH ON GROUND OF | | | | | | | |
| | | | | | | TOTAL | TOTAL | > 1.0 INCH | | | | | SNOW, ICE PELLETS OR ICE AND DATE | | | | | | | |
| MAXIMUM TEMP. | | MINIMUM TEMP. | | DEP. | | THUNDERSTORMS | | PRECIPITATION | SNOW, ICE PELLETS | | | | | | | | | | | |
| 5 90° | | < 32° | | < 0° | | HEAVY FOG | | 3.75 | 26-27 | | 0.0 | | | | 0 | | | | | |
| 5 | | 0 | | 0 | | 9 | | 175 | CLEAR 14 | | PARTLY CLOUDY 7 | | CLOUDY 9 | | | | | | | |

* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE.
 † TRACE AMOUNT.
 + ALSO ON EARLIER DATE(S).
 HEAVY FOG: VISIBILITY 1/4 MILE OR LESS.
 BLANK ENTRIES DENOTE MISSING OR UNREPORTED DATA.

DATA IN COLS 6 AND 12-15 ARE BASED ON 21 OR MORE OBSERVATIONS AT HOURLY INTERVALS. RESULTANT WIND IS THE VECTOR SUM OF WIND SPEEDS AND DIRECTIONS DIVIDED BY THE NUMBER OF OBSERVATIONS. ONE OF THREE WIND SPEEDS IS GIVEN UNDER FASTEST MILE: FASTEST MILE - HIGHEST RECORDED SPEED FOR WHICH A MILE OF WIND PASSES STATION (DIRECTION IN COMPASS POINTS). FASTEST OBSERVED ONE MINUTE WIND - HIGHEST ONE MINUTE SPEED (DIRECTION IN TENS OF DEGREES). PEAK GUST - HIGHEST INSTANTANEOUS WIND SPEED (A / APPEARS IN THE DIRECTION COLUMN). ERRORS WILL BE CORRECTED AND NOTED IN SUBSEQUENT PUBLICATIONS.

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC DATA CENTER, ASHEVILLE, NORTH CAROLINA, 28801

noaa

NATIONAL
 OCEANIC AND
 ATMOSPHERIC ADMINISTRATION

NATIONAL
 ENVIRONMENTAL SATELLITE, DATA
 AND INFORMATION SERVICE

NATIONAL
 CLIMATIC DATA CENTER
 ASHEVILLE NORTH CAROLINA

Kenneth D. Hadden
 DIRECTOR
 NATIONAL CLIMATIC DATA CENTER

OBSERVATIONS AT 3-HOUR INTERVALS

SEP 1985 13781
WILMINGTON, DELAWARE

| HOUR L.S.T. | VISI-BILITY | | | | TEMPERATURE | | | | WIND | | | SKY COVER (TENTHS) | VISI-BILITY | | | | TEMPERATURE | | | | WIND | | | | | | | | | | |
|-------------|-----------------------------|-------------|------------|---------|-------------|-------------|--------------|----------------|-----------|---------------|-----------------------------|--------------------|-------------|------------|---------|--------|-------------|--------------|----------------|-----------|---------------|-----------------------------|-------------|------------|---------|--------|-------------|--------------|----------------|-----------|---------------|
| | CEILING IN HUNDREDS OF FEET | WHOLE MILES | 16THS MILE | WEATHER | AIR OF | WET BULB OF | DEW POINT OF | REL HUMIDITY % | DIRECTION | SPEED (KNOTS) | CEILING IN HUNDREDS OF FEET | | WHOLE MILES | 16THS MILE | WEATHER | AIR OF | WET BULB OF | DEW POINT OF | REL HUMIDITY % | DIRECTION | SPEED (KNOTS) | CEILING IN HUNDREDS OF FEET | WHOLE MILES | 16THS MILE | WEATHER | AIR OF | WET BULB OF | DEW POINT OF | REL HUMIDITY % | DIRECTION | SPEED (KNOTS) |
| SEP 1st | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 01 | 10 | 41 | 10 | | 66 | 62 | 59 | 78 | 07 | 5 | 6 | 60 | 10 | | 67 | 63 | 60 | 78 | 18 | 9 | 0 | UNL | 5 | | FH | 70 | 69 | 68 | 93 | 00 | 0 |
| 04 | 6 | 50 | 10 | | 64 | 60 | 57 | 78 | 10 | 7 | 8 | 70 | 8 | | 65 | 63 | 62 | 90 | 22 | 3 | 0 | UNL | 3 | | FH | 68 | 66 | 65 | 90 | 28 | 3 |
| 07 | 10 | 31 | 10 | | 63 | 59 | 55 | 75 | 09 | 9 | 8 | 70 | 8 | | 66 | 64 | 63 | 90 | 21 | 6 | 0 | UNL | 1 | 8 | FH | 69 | 68 | 67 | 93 | 00 | 0 |
| 10 | 6 | 50 | 15 | | 68 | 61 | 55 | 63 | 07 | 9 | 3 | UNL | 7 | | 77 | 71 | 67 | 71 | 22 | 9 | 0 | UNL | 2 | | H | 81 | 74 | 70 | 69 | 00 | 0 |
| 13 | 10 | 48 | 12 | | 71 | 62 | 56 | 59 | 00 | 0 | 6 | 250 | 7 | | 79 | 72 | 68 | 69 | 24 | 6 | 3 | UNL | 3 | | H | 85 | 75 | 70 | 61 | 26 | 7 |
| 16 | 10 | 55 | 8 | | 73 | 64 | 57 | 57 | 14 | 6 | 9 | 100 | 6 | | 81 | 73 | 69 | 67 | 24 | 10 | 3 | UNL | 3 | | H | 87 | 75 | 70 | 57 | 22 | 5 |
| 19 | 8 | UNL | 7 | | 69 | 63 | 58 | 68 | 15 | 6 | 1 | UNL | 5 | | 78 | 72 | 69 | 74 | 22 | 5 | 2 | UNL | 3 | | H | 80 | 75 | 72 | 77 | 20 | 6 |
| 22 | 8 | 39 | 10 | | 66 | 63 | 61 | 84 | 20 | 7 | 2 | UNL | 6 | | 74 | 70 | 68 | 82 | 22 | 4 | 1 | UNL | 3 | | H | 76 | 73 | 72 | 88 | 18 | 4 |
| SEP 2nd | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEP 3rd | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEP 4th | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEP 5th | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEP 6th | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEP 7th | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEP 8th | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEP 9th | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEP 10th | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEP 11th | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEP 12th | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEP 13th | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEP 14th | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEP 15th | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEP 16th | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEP 17th | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEP 18th | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

WEATHER CODES

- | | | | |
|---|--|---|---|
| <ul style="list-style-type: none"> * TORNADO T THUNDERSTORM Q SQUALL R RAIN RW RAIN SHOWERS ZR FREEZING RAIN L DRIZZLE | <ul style="list-style-type: none"> ZL FREEZING DRIZZLE S SNOW SW SNOW SHOWERS SG SNOW GRAINS SP SNOW PELLETS IC ICE CRYSTALS IP ICE PELLETS | <ul style="list-style-type: none"> IPW ICE PELLET SHOWERS A HAIL F FOG IF ICE FOG GF GROUND FOG BD BLOWING DUST | <ul style="list-style-type: none"> 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

SEP 1985 13781
WILMINGTON, DELAWARE

| HOUR L.S.T. | VISI-BILITY | | | WEATHER | TEMPERATURE | | | | WIND | | | SKY COVER (TENTHS) | VISI-BILITY | | | WEATHER | TEMPERATURE | | | | WIND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|--------------------|-----------------------------|-------------|---------|-------------|-------------|--------------|----------------|-----------|---------------|-----------------------------|--------------------|-------------|------------|--------|---------|-------------|--------------|----------------|-----------|---------------|----------|-----|----|----|----|----|----|----|----|----|--|--|--|--|--|--|--|--|--|--|--|--|----------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | SKY COVER (TENTHS) | CEILING IN HUNDREDS OF FEET | WHOLE MILES | | 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) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEP 19th | | | | | | | | | | | | | | | | | | | | | | SEP 20th | | | | | | | | | | | | | | | | | | | | | | SEP 21st | | | | | | | | | | | | | | | | | | | | | |
| 01 | 0 | UNL | 6 | F | 57 | 56 | 56 | 97 | 32 | 3 | 0 | UNL | 7 | F | 64 | 62 | 60 | 87 | 00 | 0 | 0 | UNL | 7 | F | 63 | 60 | 58 | 84 | 00 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 04 | 0 | UNL | 3 | F | 58 | 57 | 57 | 97 | 00 | 0 | 0 | UNL | 3 | F | 60 | 59 | 59 | 97 | 20 | 5 | 5 | 0 | UNL | 5 | F | 60 | 59 | 58 | 93 | 00 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 07 | 7 | 120 | 3 | F | 59 | 57 | 56 | 90 | 00 | 0 | 2 | UNL | 1 | F | 61 | 60 | 59 | 93 | 20 | 6 | 3 | UNL | 0 | 12 | F | 59 | 58 | 58 | 97 | 00 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 0 | UNL | 4 | H | 75 | 66 | 60 | 60 | 32 | 8 | 0 | UNL | 3 | H | 76 | 67 | 61 | 60 | 27 | 6 | 10 | UNL | 3 | H | 71 | 67 | 64 | 79 | 23 | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | 0 | UNL | 7 | H | 83 | 67 | 57 | 41 | 28 | 8 | 0 | UNL | 6 | H | 83 | 67 | 57 | 41 | 19 | 4 | 10 | UNL | 7 | H | 79 | 66 | 58 | 49 | 24 | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | 3 | UNL | 7 | H | 81 | 67 | 59 | 47 | 23 | 5 | 1 | UNL | 7 | H | 81 | 68 | 61 | 51 | 18 | 10 | 8 | UNL | 7 | H | 80 | 68 | 61 | 52 | 28 | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | 1 | UNL | 6 | H | 73 | 67 | 63 | 71 | 17 | 5 | 0 | UNL | 6 | H | 71 | 67 | 65 | 81 | 18 | 9 | 8 | UNL | 7 | F | 72 | 68 | 66 | 82 | 17 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | 0 | UNL | 7 | H | 66 | 62 | 60 | 81 | 31 | 6 | 0 | UNL | 6 | H | 65 | 61 | 58 | 78 | 20 | 6 | 5 | UNL | 6 | F | 64 | 63 | 63 | 97 | 00 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEP 22nd | | | | | | | | | | | | | | | | | | | | | | SEP 23rd | | | | | | | | | | | | | | | | | | | | | | SEP 24th | | | | | | | | | | | | | | | | | | | | | |
| 01 | 0 | UNL | 4 | F | 62 | 62 | 62 | 100 | 00 | 0 | 10 | 10 | 4 | F | 69 | 67 | 66 | 90 | 06 | 9 | 10 | 11 | 2 | LF | 68 | 67 | 67 | 97 | 05 | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 04 | 7 | 200 | 5 | F | 64 | 63 | 62 | 93 | 00 | 0 | 10 | 9 | 5 | F | 68 | 67 | 66 | 93 | 06 | 8 | 10 | 9 | 4 | F | 69 | 68 | 67 | 93 | 01 | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 07 | 10 | 120 | 2 | H | 62 | 61 | 60 | 93 | 02 | 4 | 10 | 20 | 3 | F | 68 | 66 | 64 | 87 | 05 | 14 | 10 | 9 | 2 | F | 69 | 68 | 68 | 97 | 33 | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 10 | 48 | 2 | H | 72 | 68 | 66 | 82 | 21 | 4 | 10 | 12 | 4 | H | 71 | 67 | 65 | 81 | 05 | 15 | 10 | 7 | 1 | 8 | LF | 70 | 69 | 68 | 93 | 29 | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | 10 | 50 | 10 | H | 77 | 68 | 62 | 60 | 18 | 8 | 10 | 16 | 4 | H | 72 | 68 | 65 | 79 | 04 | 12 | 10 | 100 | 8 | H | 78 | 70 | 66 | 67 | 30 | 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | 10 | 90 | 7 | R | 68 | 66 | 65 | 90 | 21 | 8 | 10 | 10 | 7 | H | 70 | 68 | 66 | 87 | 06 | 12 | 10 | 44 | 8 | H | 77 | 70 | 66 | 69 | 30 | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | 10 | 41 | 8 | R | 67 | 66 | 65 | 93 | 31 | 4 | 10 | 10 | 3 | LF | 69 | 67 | 66 | 90 | 05 | 10 | 10 | 55 | 8 | H | 71 | 65 | 62 | 73 | 31 | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | 10 | 17 | 7 | R | 66 | 65 | 64 | 93 | 34 | 5 | 10 | 10 | 2 | 8 | RLF | 68 | 67 | 67 | 97 | 05 | 11 | 2 | UNL | 10 | H | 66 | 61 | 58 | 76 | 34 | 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEP 25th | | | | | | | | | | | | | | | | | | | | | | SEP 26th | | | | | | | | | | | | | | | | | | | | | | SEP 27th | | | | | | | | | | | | | | | | | | | | | |
| 01 | 0 | UNL | 15 | | 56 | 54 | 53 | 90 | 31 | 9 | 8 | 250 | 15 | | 63 | 59 | 55 | 75 | 01 | 4 | 10 | 10 | 3 | RF | 69 | 68 | 68 | 97 | 35 | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 04 | 0 | UNL | 15 | | 53 | 53 | 52 | 96 | 33 | 6 | 8 | 250 | 10 | | 61 | 58 | 55 | 81 | 07 | 7 | 10 | 11 | 4 | RF | 73 | 72 | 72 | 97 | 04 | 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 07 | 4 | UNL | 10 | | 55 | 53 | 51 | 87 | 30 | 7 | 10 | 41 | 6 | H | 64 | 58 | 56 | 75 | 07 | 12 | 10 | 8 | 0 | 12 | RF | 73 | 72 | 71 | 94 | 04 | 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 2 | UNL | 15 | | 66 | 55 | 46 | 49 | 02 | 8 | 10 | 20 | 7 | | 68 | 63 | 59 | 73 | 06 | 8 | 10 | 14 | 4 | RF | 66 | 64 | 63 | 90 | 32 | 33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | 6 | 250 | 15 | | 72 | 56 | 41 | 33 | 01 | 9 | 10 | 19 | 9 | | 72 | 66 | 63 | 73 | 07 | 8 | 10 | 20 | 15 | | 66 | 62 | 60 | 81 | 27 | 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | 8 | 120 | 15 | | 73 | 56 | 41 | 32 | 33 | 5 | 10 | 14 | 7 | | 72 | 69 | 67 | 84 | 08 | 9 | 10 | 36 | 15 | | 67 | 61 | 57 | 70 | 28 | 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | 7 | UNL | 15 | | 68 | 55 | 44 | 42 | 36 | 4 | 19 | 4 | 2 | RF | 68 | 67 | 67 | 97 | 05 | 10 | 10 | 48 | 15 | | 65 | 60 | 56 | 73 | 24 | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | 10 | 80 | 12 | | 65 | 60 | 56 | 73 | 10 | 6 | 10 | 21 | 3 | RF | 66 | 65 | 65 | 97 | 03 | 12 | 2 | UNL | 15 | | 62 | 58 | 54 | 75 | 28 | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEP 28th | | | | | | | | | | | | | | | | | | | | | | SEP 29th | | | | | | | | | | | | | | | | | | | | | | SEP 30th | | | | | | | | | | | | | | | | | | | | | |
| 01 | 7 | 95 | 12 | | 59 | 55 | 52 | 78 | 29 | 9 | 0 | UNL | 15 | | 52 | 51 | 49 | 90 | 30 | 6 | 0 | UNL | 10 | | 55 | 54 | 53 | 93 | 00 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 04 | 2 | UNL | 12 | | 57 | 53 | 50 | 78 | 32 | 6 | 0 | UNL | 15 | | 51 | 49 | 47 | 86 | 31 | 4 | 0 | UNL | 4 | | 53 | 52 | 51 | 93 | 00 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 07 | 0 | UNL | 12 | | 56 | 52 | 49 | 78 | 26 | 8 | 0 | UNL | 6 | F | 52 | 51 | 49 | 90 | 00 | 0 | 2 | UNL | 3 | | 53 | 52 | 51 | 93 | 00 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 0 | UNL | 15 | | 64 | 55 | 46 | 52 | 33 | 13 | 0 | UNL | 8 | | 67 | 59 | 53 | 61 | 00 | 0 | 1 | UNL | 4 | | 65 | 62 | 60 | 84 | 30 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | 0 | UNL | 15 | | 69 | 58 | 48 | 47 | 31 | 13 | 0 | UNL | 8 | | 74 | 61 | 51 | 45 | 16 | 6 | 3 | UNL | 8 | | 74 | 63 | 55 | 52 | 23 | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | 0 | UNL | 15 | | 70 | 58 | 47 | 44 | 33 | 13 | 0 | UNL | 9 | | 74 | 61 | 52 | 46 | 14 | 6 | 6 | UNL | 8 | | 73 | 64 | 58 | 60 | 16 | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | 0 | UNL | 15 | | 63 | 56 | 50 | 63 | 31 | 3 | 0 | UNL | 15 | | 67 | 59 | 52 | 59 | 00 | 0 | 1 | UNL | 12 | | 66 | 62 | 60 | 81 | 17 | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | 0 | UNL | 15 | | 55 | 53 | 51 | 87 | 31 | 4 | 0 | UNL | 15 | | 58 | 56 | 55 | 90 | 00 | 0 | 8 | 39 | 12 | | 61 | 59 | 58 | 90 | 29 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

SUMMARY BY HOURS

| HOUR L.S.T. | SKY COVER (TENTHS) | STATION PRESSURE (INCHES) | AVERAGES | | | | | RESULTANT WIND | |
|-------------|--------------------|---------------------------|-------------|-------------|--------------|----------------|------------------|----------------|-------------|
| | | | TEMPERATURE | | | REL HUMIDITY % | WIND SPEED (MPH) | DIRECTION | SPEED (MPH) |
| | | | AIR TEMP of | WET BULB of | DEN POINT of | | | | |
| 01 | 3 | 30.050 | 63 | 61 | 59 | 85 | 5.8 | 33 | 2.9 |
| 04 | 3 | 30.040 | 62 | 60 | 58 | 88 | 6.0 | 35 | 3.5 |
| 07 | 5 | 30.070 | 63 | 60 | 58 | 85 | 6.5 | 35 | 2.7 |
| 10 | 4 | 30.040 | 72 | 65 | 59 | 65 | 10.9 | 33 | 6.0 |
| 13 | 5 | 30.025 | 77 | 66 | 58 | 54 | 11.0 | 29 | 4.8 |
| 16 | 5 | 30.020 | 77 | 66 | 59 | 55 | 9.5 | 27 | 2.6 |
| 19 | 4 | 30.040 | 71 | 64 | 59 | 69 | 6.9 | 24 | 1.9 |
| 22 | 4 | 30.055 | 66 | 62 | 60 | 81 | 6.8 | 32 | 1.9 |

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

SEP 1985 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 | |
| 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 | | | | | | | | | | | | | | | | | | | | | | | | 13 | |
| 14 | | | | | | | | | | | | | | | | | | | | | | | | 14 | |
| 15 | | | | | | | | | | | | | | | | | | | | | | | | 15 | |
| 16 | | | | | | | | | | | | | | | | | | | | | | | | 16 | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | 17 | |
| 18 | | | | | | | | | | | | | | | | | | | | | | | | 18 | |
| 19 | | | | | | | | | | | | | | | | | | | | | | | | 19 | |
| 20 | | | | | | | | | | | | | | | | | | | | | | | | 20 | |
| 21 | | | | | | | | | | | | | | | | | | | | | | | | 21 | |
| 22 | | | | | | | | | | | | | | | | | | | | | | | | 22 | |
| 23 | | | | | | | | | | | | | | | | | | | | | | | | 23 | |
| 24 | T | T | | | | | | | | | | | | | | | | | | | | | | 24 | |
| 25 | | | | | | | | | | | | | | | | | | | | | | | | 25 | |
| 26 | | | | | | | | | | | | | | | | | | | | | | | | 26 | |
| 27 | 0.10 | 0.06 | T | 0.02 | 0.13 | 0.23 | 0.47 | 0.49 | 0.32 | 0.14 | 0.05 | 0.03 | T | | | | | | | | | | | 27 | |
| 28 | | | | | | | | | | | | | | | | | | | | | | | | 28 | |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | 29 | |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | 30 | |

MAXIMUM SHORT DURATION PRECIPITATION

| TIME PERIOD (MINUTES) | 5 | 10 | 15 | 20 | 30 | 45 | 60 | 80 | 100 | 120 | 150 | 180 |
|------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| PRECIPITATION (INCHES) | 0.15 | 0.23 | 0.28 | 0.30 | 0.39 | 0.56 | 0.68 | 0.78 | 0.89 | 1.01 | 1.16 | 1.29 |
| ENDED: DATE | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 |
| ENDED: TIME | 0656 | 0658 | 0702 | 0706 | 0717 | 0733 | 0747 | 0807 | 0827 | 0847 | 0852 | 0917 |

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.

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

WILMINGTON, DELAWARE
USCOMH - NOAA - ASHEVILLE, NC 395

U. S. DEPARTMENT OF COMMERCE
NATIONAL CLIMATIC DATA CENTER
FEDERAL BUILDING
ASHEVILLE, N.C. 28801

AN EQUAL OPPORTUNITY EMPLOYER

POSTAGE AND FEES PAID
U. S. DEPARTMENT OF COMMERCE

COM 210



FIRST CLASS