

OBSERVATIONS AT 3-HOUR INTERVALS

OCT 1985 13781
WILMINGTON, DELAWARE

| HOUR L.S.T. | SKY COVER (TENTHS) | VISI-BILITY | | | TEMPERATURE | | | | WIND | | | VISI-BILITY | WEATHER | TEMPERATURE | | | | WIND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|--------------------|-----------------------------|-------------|------------|-------------|-------------|--------------|----------------|-----------|---------------|--------|-------------|---------|-------------|--------------|----------------|-----------|---------------|-----|----|----|-----|-----|---|----|----|----|----|----|-----|----|----|--|--|--|----------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | | CEILING IN HUNDREDS OF FEET | WHOLE MILES | 16THS MILE | AIR OF | WET BULB OF | DEW POINT OF | REL HUMIDITY % | DIRECTION | SPEED (KNOTS) | AIR OF | | | WET BULB OF | DEW POINT OF | REL HUMIDITY % | DIRECTION | SPEED (KNOTS) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OCT 1st | | | | | | | | | | | | | | | | | | OCT 2nd | | | | | | | | | | | | | | | | | | OCT 3rd | | | | | | | | | | | | | | | | | |
| 01 | 10 | 41 | 10 | | 64 | 61 | 58 | 81 | 21 | 8 | 10 | 34 | 7 | | 66 | 64 | 62 | 87 | 00 | 0 | 10 | 4 | 2 | | RF | 57 | 56 | 56 | 97 | 05 | 11 | | | | | | | | | | | | | | | | | | | | | | |
| 04 | 2 | UNL | 7 | | 59 | 58 | 58 | 97 | 00 | 0 | 10 | 39 | 7 | | 64 | 63 | 63 | 97 | 00 | 0 | 10 | 5 | 2 | 8 | RF | 57 | 56 | 56 | 97 | 03 | 8 | | | | | | | | | | | | | | | | | | | | | | |
| 07 | 8 | UNL | 3 | F | 61 | 60 | 59 | 93 | 15 | 4 | 10 | 12 | 5 | F | 66 | 64 | 63 | 90 | 30 | 4 | 10 | 6 | 7 | | R | 57 | 56 | 56 | 97 | 04 | 10 | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 5 | UNL | 8 | | 63 | 66 | 62 | 69 | 22 | 9 | 10 | 45 | 10 | | 66 | 62 | 60 | 81 | 36 | 11 | 10 | 6 | 5 | | R | 56 | 55 | 54 | 93 | 04 | 12 | | | | | | | | | | | | | | | | | | | | | | |
| 13 | 8 | 100 | 10 | | 79 | 68 | 62 | 56 | 20 | 9 | 10 | 48 | 8 | | 65 | 63 | 61 | 87 | 01 | 8 | 10 | 6 | 4 | | F | 56 | 55 | 55 | 97 | 02 | 7 | | | | | | | | | | | | | | | | | | | | | | |
| 16 | 10 | UNL | 8 | | 76 | 68 | 63 | 64 | 18 | 14 | 10 | 6 | 7 | RW | 63 | 62 | 61 | 93 | 35 | 8 | 10 | 5 | 4 | | F | 57 | 56 | 55 | 93 | 36 | 7 | | | | | | | | | | | | | | | | | | | | | | |
| 19 | 8 | UNL | 10 | | 68 | 65 | 63 | 84 | 16 | 8 | 10 | 15 | 8 | | 61 | 59 | 58 | 90 | 36 | 8 | 10 | 3 | 1 | | LF | 56 | 55 | 55 | 97 | 05 | 6 | | | | | | | | | | | | | | | | | | | | | | |
| 22 | 7 | UNL | 7 | | 67 | 64 | 62 | 84 | 18 | 8 | 10 | 10 | 3 | F | 58 | 57 | 57 | 97 | 02 | 8 | 10 | 5 | 1 | 8 | F | 56 | 55 | 55 | 97 | 34 | 6 | | | | | | | | | | | | | | | | | | | | | | |
| OCT 4th | | | | | | | | | | | | | | | | | | OCT 5th | | | | | | | | | | | | | | | | | | OCT 6th | | | | | | | | | | | | | | | | | |
| 01 | 10 | 3 | 1 | F | 56 | 56 | 56 | 100 | 35 | 6 | 10 | 4 | 1 | 12 | 67 | 66 | 66 | 97 | 17 | 10 | 1 | UNL | 15 | | | | 52 | 47 | 41 | 66 | 27 | 7 | | | | | | | | | | | | | | | | | | | | | |
| 04 | 10 | 1 | 0 | F | 56 | 56 | 56 | 100 | 02 | 5 | 10 | 5 | 2 | | 68 | 67 | 67 | 97 | 16 | 10 | 0 | UNL | 15 | | | | 46 | 44 | 41 | 83 | 21 | 6 | | | | | | | | | | | | | | | | | | | | | |
| 07 | 10 | 5 | 2 | F | 58 | 57 | 57 | 97 | 30 | 8 | 10 | 3 | 1 | F | 70 | 69 | 69 | 97 | 18 | 10 | 6 | 32 | 10 | | | 49 | 46 | 42 | 77 | 24 | 6 | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 10 | 5 | 4 | F | 61 | 60 | 59 | 93 | 35 | 6 | 10 | 39 | 15 | | 64 | 59 | 55 | 73 | 31 | 10 | 1 | UNL | 15 | | | 59 | 51 | 43 | 56 | 33 | 13 | | | | | | | | | | | | | | | | | | | | | | |
| 13 | 10 | 11 | 7 | | 65 | 62 | 60 | 84 | 02 | 4 | 8 | 250 | 15 | | 65 | 55 | 47 | 52 | 32 | 12 | 5 | UNL | 15 | | | 61 | 51 | 40 | 46 | 30 | 11 | | | | | | | | | | | | | | | | | | | | | | |
| 16 | 9 | 16 | 4 | H | 69 | 65 | 62 | 79 | 16 | 5 | 3 | UNL | 15 | | 64 | 55 | 47 | 54 | 28 | 9 | 3 | UNL | 15 | | | 61 | 50 | 39 | 44 | 32 | 13 | | | | | | | | | | | | | | | | | | | | | | |
| 19 | 10 | 19 | 4 | F | 65 | 63 | 62 | 90 | 16 | 5 | 0 | UNL | 15 | | 59 | 54 | 49 | 70 | 22 | 4 | 1 | UNL | 15 | | | 52 | 47 | 42 | 69 | 24 | 3 | | | | | | | | | | | | | | | | | | | | | | |
| 22 | 10 | 6 | 3 | F | 65 | 64 | 63 | 93 | 15 | 8 | 0 | UNL | 15 | | 54 | 50 | 45 | 72 | 28 | 7 | 2 | UNL | 15 | | | 47 | 45 | 42 | 83 | 28 | 4 | | | | | | | | | | | | | | | | | | | | | | |
| OCT 7th | | | | | | | | | | | | | | | | | | OCT 8th | | | | | | | | | | | | | | | | | | OCT 9th | | | | | | | | | | | | | | | | | |
| 01 | 0 | UNL | 15 | | 45 | 43 | 41 | 86 | 30 | 5 | 0 | UNL | 12 | | 45 | 44 | 43 | 93 | 35 | 4 | 0 | UNL | 9 | | | 52 | 51 | 50 | 93 | 00 | 0 | | | | | | | | | | | | | | | | | | | | | | |
| 04 | 4 | UNL | 12 | | 44 | 42 | 39 | 83 | 30 | 5 | 0 | UNL | 8 | | 43 | 42 | 41 | 93 | 30 | 5 | 3 | UNL | 7 | | | 49 | 49 | 48 | 96 | 33 | 4 | | | | | | | | | | | | | | | | | | | | | | |
| 07 | 1 | UNL | 12 | | 44 | 42 | 39 | 83 | 29 | 5 | 1 | UNL | 2 | 8 | F | 43 | 42 | 42 | 96 | 03 | 4 | 9 | UNL | 8 | | | 50 | 50 | 49 | 96 | 30 | 4 | | | | | | | | | | | | | | | | | | | | | |
| 10 | 0 | UNL | 15 | | 59 | 49 | 38 | 46 | 34 | 6 | 3 | UNL | 7 | | 62 | 52 | 42 | 48 | 10 | 7 | 10 | UNL | 8 | | | 66 | 62 | 59 | 78 | 25 | 9 | | | | | | | | | | | | | | | | | | | | | | |
| 13 | 0 | UNL | 15 | | 64 | 51 | 38 | 38 | 35 | 7 | 7 | UNL | 15 | | 69 | 55 | 41 | 36 | 17 | 15 | 10 | UNL | 10 | | | 73 | 64 | 58 | 60 | 20 | 7 | | | | | | | | | | | | | | | | | | | | | | |
| 16 | 0 | UNL | 15 | | 64 | 51 | 38 | 38 | 30 | 9 | 6 | UNL | 15 | | 68 | 58 | 50 | 53 | 16 | 12 | 1 | UNL | 12 | | | 74 | 64 | 57 | 56 | 24 | 6 | | | | | | | | | | | | | | | | | | | | | | |
| 19 | 0 | UNL | 15 | | 57 | 50 | 42 | 58 | 25 | 4 | 4 | UNL | 15 | | 60 | 55 | 51 | 72 | 16 | 7 | 0 | UNL | 10 | | | 66 | 62 | 60 | 81 | 18 | 4 | | | | | | | | | | | | | | | | | | | | | | |
| 22 | 0 | UNL | 15 | | 49 | 47 | 45 | 86 | 30 | 4 | 2 | UNL | 12 | | 58 | 55 | 53 | 84 | 15 | 8 | 0 | UNL | 8 | | | 61 | 58 | 56 | 84 | 33 | 4 | | | | | | | | | | | | | | | | | | | | | | |
| OCT 10th | | | | | | | | | | | | | | | | | | OCT 11th | | | | | | | | | | | | | | | | | | OCT 12th | | | | | | | | | | | | | | | | | |
| 01 | 4 | UNL | 8 | | 58 | 56 | 55 | 90 | 19 | 4 | 10 | 220 | 7 | | 66 | 64 | 62 | 87 | 30 | 6 | 0 | UNL | 15 | | | 47 | 43 | 37 | 68 | 01 | 8 | | | | | | | | | | | | | | | | | | | | | | |
| 04 | 3 | UNL | 7 | | 56 | 55 | 54 | 93 | 19 | 3 | 10 | 110 | 7 | | 64 | 62 | 61 | 90 | 27 | 5 | 0 | UNL | 15 | | | 44 | 41 | 36 | 74 | 01 | 7 | | | | | | | | | | | | | | | | | | | | | | |
| 07 | 9 | 250 | 1 | F | 56 | 56 | 56 | 100 | 00 | 0 | 10 | 21 | 8 | | 61 | 57 | 53 | 75 | 36 | 8 | 2 | UNL | 15 | | | 45 | 40 | 34 | 66 | 02 | 6 | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 8 | 250 | 7 | | 70 | 65 | 62 | 76 | 26 | 8 | 4 | UNL | 15 | | 62 | 55 | 49 | 63 | 03 | 12 | 10 | 250 | 15 | | | 53 | 45 | 36 | 53 | 06 | 12 | | | | | | | | | | | | | | | | | | | | | | |
| 13 | 10 | 250 | 7 | | 76 | 67 | 62 | 62 | 24 | 9 | 0 | UNL | 15 | | 64 | 55 | 48 | 56 | 34 | 13 | 10 | UNL | 15 | | | 60 | 51 | 41 | 50 | 08 | 7 | | | | | | | | | | | | | | | | | | | | | | |
| 16 | 9 | 220 | 7 | | 76 | 67 | 61 | 60 | 23 | 9 | 0 | UNL | 15 | | 65 | 54 | 44 | 47 | 36 | 8 | 10 | 48 | 12 | | | 59 | 51 | 42 | 54 | 24 | 4 | | | | | | | | | | | | | | | | | | | | | | |
| 19 | 7 | 220 | 7 | | 71 | 65 | 61 | 71 | 23 | 11 | 0 | UNL | 15 | | 56 | 51 | 46 | 69 | 32 | 5 | 10 | 44 | 12 | | | 57 | 52 | 47 | 69 | 14 | 9 | | | | | | | | | | | | | | | | | | | | | | |
| 22 | 8 | UNL | 7 | | 69 | 65 | 62 | 79 | 26 | 9 | 0 | UNL | 12 | | 52 | 46 | 39 | 61 | 03 | 8 | 10 | 39 | 12 | | | 55 | 50 | 46 | 72 | 12 | 8 | | | | | | | | | | | | | | | | | | | | | | |
| OCT 13th | | | | | | | | | | | | | | | | | | OCT 14th | | | | | | | | | | | | | | | | | | OCT 15th | | | | | | | | | | | | | | | | | |
| 01 | 10 | 36 | 12 | | 55 | 51 | 48 | 77 | 12 | 9 | 2 | UNL | 3 | | 59 | 58 | 58 | 97 | 00 | 0 | 2 | UNL | 2 | | | 65 | 64 | 64 | 97 | 00 | 0 | | | | | | | | | | | | | | | | | | | | | | |
| 04 | 10 | 31 | 10 | | 56 | 53 | 51 | 83 | 16 | 8 | 8 | UNL | 0 | 1 | F | 55 | 55 | 55 | 100 | 36 | 5 | 4 | UNL | 1 | 8 | FH | 64 | 64 | 64 | 100 | 18 | 4 | | | | | | | | | | | | | | | | | | | | | |
| 07 | 10 | 32 | 8 | | 57 | 55 | 53 | 87 | 11 | 3 | 10 | 0 | 0 | 1 | F | 58 | 58 | 58 | 100 | 00 | 0 | 9 | 80 | 1 | | F | 65 | 65 | 65 | 100 | 18 | 4 | | | | | | | | | | | | | | | | | | | | | |
| 10 | 9 | 100 | 10 | | 65 | 61 | 58 | 78 | 22 | 10 | 10 | 2 | 0 | 8 | F | 63 | 63 | 63 | 100 | 00 | 0 | 10 | 90 | 6 | | H | 74 | 70 | 67 | 79 | 28 | 7 | | | | | | | | | | | | | | | | | | | | | |
| 13 | 10 | 55 | 8 | | 70 | 63 | 58 | 66 | 24 | 11 | 9 | 80 | 2 | 8 | FH | 69 | 66 | 64 | 84 | 36 | 4 | 8 | 70 | 7 | | H | 78 | 72 | 69 | 74 | 27 | 14 | | | | | | | | | | | | | | | | | | | | | |
| 16 | 10 | 36 | 8 | | 70 | 64 | 60 | 71 | 25 | 8 | 7 | 80 | 4 | | H | 75 | 69 | 66 | 74 | 16 | 4 | 10 | 85 | 7 | | H | 71 | 68 | 66 | 84 | 26 | 11 | | | | | | | | | | | | | | | | | | | | | |
| 19 | 4 | UNL | 8 | | 67 | 63 | 61 | 81 | 23 | 3 | 10 | 90 | 5 | | H | 69 | 67 | 66 | 90 | 17 | 5 | 10 | 110 | 6 | | H | 69 | 68 | 67 | 93 | 26 | 9 | | | | | | | | | | | | | | | | | | | | | |
| 22 | 0 | UNL | 6 | F | 61 | 60 | 60 | 97 | 00 | 0 | 6 | 120 | 2 | 8 | FH | 66 | 65 | 65 | 97 | 00 | 0 | 10 | 150 | 6 | | F | 67 | 66 | 65 | 93 | 28 | 6 | | | | | | | | | | | | | | | | | | | | | |
| OCT 16th | | | | | | | | | | | | | | | | | | OCT 17th | | | | | | | | | | | | | | | | | | OCT 18th | | | | | | | | | | | | | | | | | |
| 01 | 2 | UNL | 10 | | 63 | 58 | 54 | 73 | 30 | 9 | 0 | UNL | 15 | | 52 | 47 | 41 | 66 | 04 | 10 | 0 | UNL | 10 | | | 41 | 41 | 40 | 96 | 34 | 3 | | | | | | | | | | | | | | | | | | | | | | |
| 04 | 2 | UNL | 10 | | 55 | 51 | 48 | 77 | 30 | 6 | 0 | UNL | 15 | | 49 | 44 | 38 | 66 | 02 | 6 | 1 | UNL | 6 | | | 42 | 41 | 40 | 93 | 00 | 0 | | | | | | | | | | | | | | | | | | | | | | |
| 07 | 9 | UNL | 7 | | 53 | 51 | 49 | 86 | 29 | 6 | 0 | UNL | 15 | | 44 | 41 | 38 | 80 | 34 | 3 | 8 | UNL | 6 | | F | 48 | 47 | 45 | 89 | 00 | 0 | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 5 | UNL | 12 | | 66 | 57 | 49 | 55 | 26 | 9 | 0 | UNL | 15 | | 56 | 46 | 33 | 42 | 07 | 11 | 5 | UNL | 9 | | | 61 | 55 | 49 | 65 | 22 | 8 | | | | | | | | | | | | | | | | | | | | | | |
| 13 | 0 | UNL | 15 | | 72 | 58 | 47 | 41 | 30 | 11 | 3 | UNL | 15 | | 60 | 48 | 34 | 38 | 17 | 4 | 9 | UNL | 10 | | | 65 | 57 | 50 | 59 | 13 | 7 | | | | | | | | | | | | | | | | | | | | | | |
| 16 | 2 | UNL | 15 | | 72 | 57 | 45 | 38 | 30 | 9 | 7 | UNL | 15 | | 60 | 48 | 34 | 38 | 18 | 4 | 10 | UNL | 12 | | | 66 | 59 | 53 | 63 | 18 | 11 | | | | | | | | | | | | | | | | | | | | | | |
| 19 | 0 | UNL | 15 | | 60 | 52 | 45 | 58 | 34 | 5 | 4 | UNL | 15 | | 56 | 46 | 35 | 45 | 00 | 0 | 10 | UNL | 12 | | | 60 | 57 | 55 | 84 | 16 | 8 | | | | | | | | | | | | | | | | | | | | | | |
| 22 | 0 | UNL | 15 | | 57 | 48 | 39 | 51 | 34 | 8 | 0 | UNL | 15 | | 45 | 44 | 42 | 89 | 00 | 0 | 7 | UNL | 7 | | | 58 | 56 | 54 | 87 | 20 | 3 | | | | | | | | | | | | | | | | | | | | | | |

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 |
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CEILING: UNL INDICATES UNLIMITED
WIND DIRECTION: DIRECTIONS ARE THOSE FROM WHICH THE WIND BLOWS, INDICATED IN TENS OF DEGREES FROM TRUE NORTH: I.E., 09 FOR EAST, 18 FOR SOUTH, 27 FOR WEST. AN ENTRY OF 00 INDICATES CALM
SPEED: THE OBSERVED AVERAGE ONE-MINUTE VALUE, EXPRESSED IN KNOTS (MPH=KNOTS X 1.15).

OBSERVATIONS AT 3-HOUR INTERVALS

OCT 1985 13781
WILMINGTON, DELAWARE

| HOUR L.S.T. | VISI-BILITY | | | TEMPERATURE | | | | WIND | | | VISI-BILITY | | | TEMPERATURE | | | | WIND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|--------------------|-----------------------------|-------------|-------------|---------|--------|-------------|--------------|----------------|-----------|---------------|--------------------|-----------------------------|-------------|------------|---------|--------|-------------|--------------|----------------|-----------|---------------|--------------------|-----------------------------|-------------|------------|---------|--------|-------------|--------------|----------------|-----------|---------------|----|----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | SKY COVER (TENTHS) | CELLING IN HUNDREDS OF FEET | WHOLE MILES | 16THS MILE | WEATHER | AIR OF | WET BULB OF | DEN POINT OF | REL HUMIDITY % | DIRECTION | SPEED (KNOTS) | SKY COVER (TENTHS) | CELLING IN HUNDREDS OF FEET | WHOLE MILES | 16THS MILE | WEATHER | AIR OF | WET BULB OF | DEN POINT OF | REL HUMIDITY % | DIRECTION | SPEED (KNOTS) | SKY COVER (TENTHS) | CELLING IN HUNDREDS OF FEET | WHOLE MILES | 16THS MILE | WEATHER | AIR OF | WET BULB OF | DEN POINT OF | REL HUMIDITY % | DIRECTION | SPEED (KNOTS) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OCT 19th | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | OCT 20th | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | OCT 21st | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 01 | 5 | UNL | 7 | | | 56 | 55 | 54 | 93 | 19 | 6 | 10 | 50 | 10 | | | 66 | 62 | 60 | 81 | 36 | 11 | 10 | 70 | 10 | | | | | 55 | 46 | 36 | 49 | 05 | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 04 | 6 | UNL | 2 | | F | 57 | 56 | 56 | 97 | 22 | 6 | 10 | 95 | 10 | | R | 60 | 58 | 57 | 90 | 02 | 7 | 10 | 75 | 10 | | | | | 53 | 45 | 36 | 53 | 06 | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 07 | 9 | 250 | 2 | | F | 58 | 57 | 57 | 97 | 18 | 5 | 10 | 90 | 12 | | | 57 | 52 | 48 | 72 | 02 | 8 | 10 | 95 | 10 | | | | | 52 | 46 | 38 | 59 | 05 | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 6 | UNL | 8 | | | 67 | 63 | 60 | 78 | 24 | 13 | 10 | 80 | 15 | | | 60 | 52 | 44 | 56 | 06 | 12 | 10 | 90 | 10 | | | | | 54 | 48 | 42 | 64 | 05 | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | 9 | 75 | 8 | | | 75 | 66 | 61 | 62 | 24 | 10 | 10 | 80 | 15 | | | 61 | 51 | 40 | 46 | 04 | 10 | 10 | 95 | 10 | | | | | 57 | 51 | 44 | 62 | 06 | 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | 9 | 250 | 7 | | | 76 | 68 | 63 | 64 | 24 | 10 | 10 | 85 | 12 | | R | 58 | 52 | 47 | 67 | 01 | 7 | 10 | 95 | 10 | | | | | 58 | 52 | 47 | 67 | 12 | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | 10 | 70 | 6 | | H | 72 | 66 | 63 | 73 | 23 | 8 | 10 | 85 | 12 | | | 56 | 51 | 45 | 67 | 34 | 5 | 10 | 41 | 8 | | R | 55 | 51 | 48 | 77 | 07 | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | 10 | 41 | 5 | | H | 69 | 66 | 64 | 84 | 32 | 6 | 10 | 85 | 12 | | | 55 | 50 | 44 | 67 | 03 | 4 | 10 | 85 | 7 | | | 54 | 51 | 48 | 80 | 06 | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OCT 22nd | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | OCT 23rd | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | OCT 24th | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 01 | 10 | 90 | 8 | | R | 53 | 51 | 50 | 90 | 07 | 12 | 10 | 50 | 10 | | | 58 | 55 | 53 | 84 | 06 | 13 | 10 | 24 | 8 | | | | | 57 | 55 | 54 | 90 | 04 | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 04 | 9 | 85 | 8 | | | 54 | 51 | 48 | 80 | 06 | 12 | 10 | 10 | 8 | | | 57 | 55 | 54 | 90 | 05 | 11 | 10 | 4 | 4 | | | F | | 57 | 56 | 56 | 97 | 06 | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 07 | 10 | 32 | 8 | | | 55 | 51 | 48 | 77 | 07 | 12 | 10 | 8 | 6 | | F | 57 | 55 | 54 | 90 | 06 | 12 | 10 | 2 | 1 | 8 | F | | 58 | 57 | 57 | 97 | 06 | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 10 | 95 | 9 | | | 57 | 53 | 49 | 75 | 07 | 12 | 10 | 85 | 7 | | | 61 | 57 | 54 | 78 | 06 | 12 | 10 | 6 | 3 | | RF | | 64 | 63 | 62 | 93 | 12 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | 7 | 90 | 10 | | | 65 | 58 | 52 | 63 | 05 | 11 | 5 | UNL | 12 | | | 69 | 62 | 57 | 66 | 03 | 9 | 10 | 29 | 6 | | RWH | | 68 | 66 | 65 | 90 | 18 | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | 10 | 95 | 10 | | | 64 | 57 | 52 | 65 | 08 | 11 | 3 | UNL | 15 | | | 71 | 60 | 52 | 51 | 14 | 11 | 10 | 14 | 5 | | F | | 66 | 65 | 65 | 97 | 17 | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | 10 | 50 | 10 | | | 61 | 56 | 52 | 72 | 07 | 12 | 0 | UNL | 15 | | | 61 | 57 | 53 | 75 | 12 | 9 | 10 | 22 | 5 | | RWF | | 65 | 65 | 65 | 100 | 00 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | 10 | 50 | 10 | | | 58 | 55 | 52 | 81 | 06 | 12 | 4 | UNL | 10 | | | 57 | 55 | 53 | 87 | 06 | 10 | 10 | 13 | 7 | | | 65 | 64 | 63 | 93 | 21 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OCT 25th | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | OCT 26th | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | OCT 27th | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 01 | 10 | 6 | 5 | | F | 65 | 64 | 64 | 97 | 20 | 5 | 0 | UNL | 15 | | | 44 | 41 | 36 | 74 | 28 | 4 | 8 | UNL | 15 | | | | | 47 | 45 | 43 | 86 | 00 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 04 | 10 | 9 | 5 | | F | 65 | 64 | 63 | 93 | 27 | 6 | 0 | UNL | 12 | | | 39 | 38 | 36 | 89 | 32 | 4 | 8 | UNL | 10 | | | | | 44 | 44 | 43 | 96 | 00 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 07 | 5 | UNL | 3 | | F | 61 | 60 | 60 | 97 | 26 | 6 | 0 | UNL | 15 | | | 40 | 37 | 32 | 73 | 30 | 6 | 6 | UNL | 9 | | | | | 42 | 42 | 41 | 96 | 00 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 0 | UNL | 12 | | | 68 | 60 | 54 | 61 | 32 | 18 | 0 | UNL | 15 | | | 60 | 49 | 38 | 44 | 34 | 9 | 10 | UNL | 12 | | | | | 61 | 52 | 43 | 52 | 24 | 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | 0 | UNL | 15 | | | 69 | 53 | 37 | 31 | 30 | 11 | 0 | UNL | 15 | | | 65 | 50 | 34 | 32 | 29 | 7 | 10 | UNL | 15 | | | | | 67 | 53 | 39 | 36 | 22 | 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | 0 | UNL | 15 | | | 67 | 51 | 34 | 30 | 31 | 12 | 0 | UNL | 15 | | | 65 | 51 | 36 | 34 | 30 | 6 | 10 | UNL | 15 | | | | | 66 | 55 | 44 | 45 | 25 | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | 0 | UNL | 15 | | | 54 | 47 | 38 | 55 | 32 | 7 | 0 | UNL | 15 | | | 57 | 49 | 41 | 55 | 25 | 6 | 10 | 250 | 12 | | | | | 60 | 53 | 46 | 60 | 23 | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | 0 | UNL | 15 | | | 49 | 45 | 40 | 71 | 32 | 5 | 2 | UNL | 15 | | | 51 | 48 | 44 | 77 | 24 | 5 | 10 | 250 | 12 | | | | | 57 | 52 | 47 | 69 | 29 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OCT 28th | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | OCT 29th | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | OCT 30th | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 01 | 10 | 250 | 12 | | | 53 | 50 | 46 | 77 | 30 | 6 | 0 | UNL | 15 | | | 37 | 32 | 23 | 57 | 36 | 9 | 10 | 240 | 12 | | | | | 38 | 35 | 31 | 76 | 00 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 04 | 8 | UNL | 12 | | | 51 | 44 | 36 | 57 | 34 | 6 | 2 | UNL | 15 | | | 36 | 32 | 24 | 62 | 35 | 10 | 10 | 150 | 12 | | | | | 35 | 33 | 30 | 82 | 34 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 07 | 8 | 200 | 15 | | | 46 | 40 | 32 | 58 | 36 | 6 | 1 | UNL | 15 | | | 34 | 30 | 23 | 64 | 36 | 8 | 8 | 150 | 7 | | | | | 36 | 34 | 30 | 79 | 30 | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 6 | UNL | 15 | | | 53 | 45 | 35 | 51 | 36 | 10 | 1 | UNL | 20 | | | 48 | 37 | 17 | 29 | 34 | 8 | 10 | 120 | 7 | | | | | 49 | 42 | 33 | 54 | 04 | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | 1 | UNL | 15 | | | 58 | 47 | 33 | 39 | 35 | 9 | 9 | UNL | 20 | | | 53 | 39 | 15 | 22 | 01 | 8 | 10 | 120 | 8 | | | | | 56 | 46 | 34 | 44 | 05 | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | 1 | UNL | 15 | | | 57 | 44 | 25 | 29 | 35 | 12 | 10 | UNL | 20 | | | 54 | 40 | 17 | 23 | 34 | 3 | 10 | 44 | 8 | | | | | 57 | 47 | 36 | 46 | 05 | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | 0 | UNL | 15 | | | 49 | 38 | 19 | 30 | 36 | 11 | 8 | UNL | 15 | | | 45 | 37 | 24 | 44 | 28 | 5 | 10 | 120 | 8 | | | | | 56 | 48 | 38 | 51 | 07 | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | 0 | UNL | 15 | | | 44 | 35 | 18 | 35 | 03 | 6 | 10 | 130 | 15 | | | 43 | 37 | 27 | 53 | 00 | 0 | 10 | 100 | 10 | | | | | 53 | 48 | 42 | 66 | 06 | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OCT 31st | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | OCT 31st | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | OCT 31st | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 01 | 10 | 95 | 10 | | | 53 | 48 | 43 | 69 | 07 | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 04 | 8 | 95 | 10 | | | 52 | 46 | 38 | 59 | 06 | 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 07 | 10 | 95 | 10 | | | 51 | 45 | 38 | 61 | 04 | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 10 | 85 | 8 | | | 53 | 46 | 37 | 55 | 04 | 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | 10 | 60 | 10 | | | 57 | 49 | 41 | 55 | 06 | 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | 10 | 70 | 9 | | | 57 | 49 | 41 | 55 | 06 | 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | 6 | UNL | 9 | | | 54 | 49 | 44 | 69 | 07 | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | 10 | 70 | 10 | | | 54 | 50 | 46 | 75 | 07 | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

SUMMARY BY HOURS

| HOUR L.S.T. | SKY COVER (TENTHS) | AVERAGES | | | | | | RESULTANT WIND | |
|-------------|--------------------|---------------------------|-------------|-------------|--------------|------------------|-----------|----------------|-----|
| | | STATION PRESSURE (INCHES) | TEMPERATURE | | | WIND SPEED (MPH) | DIRECTION | SPEED (MPH) | |
| | | | AIR TEMP OF | WET BULB OF | DEN POINT OF | | | | |
| 01 | 6 | 30.090 | 55 | 52 | 49 | 83 | 7.1 | 02 | 2.4 |
| 04 | 6 | 30.085 | 53 | 51 | 48 | 86 | 6.9 | 02 | 2.6 |
| 07 | 7 | 30.110 | 53 | 50 | 48 | 85 | 6.6 | 01 | 2.5 |
| 10 | 7 | 30.120 | 61 | 55 | 49 | 66 | 11.5 | 36 | 4.1 |
| 13 | 7 | 30.080 | 66 | 56 | 48 | 56 | 10.9 | 33 | 2.4 |
| 16 | 7 | 30.060 | 65 | 57 | 48 | 57 | 10.1 | 27 | 1.8 |
| 19 | 6 | 30.080 | 60 | 55 | 50 | 71 | 7.6 | 17 | 0.8 |
| 22 | 6 | 30.095 | 57 | 53 | 50 | 79 | 6.9 | 02 | 1.6 |

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

OCT 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 | 0.13 | 0.13 | 0.08 | 0.06 | 0.31 | 0.14 | 0.01 | 0.01 | T | T | T | T | 0.01 | T | T | 0.01 | T | | 0.01 | 0.02 | 0.01 | | 0.05 | 03 | |
| 04 | | | T | T | T | 0.20 | 0.02 | | | | | | T | | | | | T | T | T | T | | | 04 | |
| 05 | | | | | | T | | 0.14 | 0.01 | | | | | | | | | | | | | | | 05 | |
| 06 | | | | | | | | | | | | | | | | | | | | | | | | 06 | |
| 07 | | | | | | | | | | | | | | | | | | | | | | | | 07 | |
| 08 | | | | | | | | | | | | | | | | | | | | | | | | 08 | |
| 09 | | | | | | | | | | | | | | | | | | | | | | | | 09 | |
| 10 | | | | | | | | | | | | | | | | | | | | | | | | 10 | |
| 11 | | | | T | T | | | | | | | | | | | | | | | | | | | 11 | |
| 12 | | | | | | | | | | | | | | | | | | | | | | | | 12 | |
| 13 | | | | | | | | | | | | | | | | | | | | | | | | 13 | |
| 14 | | | | | | | | | | | | | | | | | | | | | | | | 14 | |
| 15 | | | | | | | | | | | | | | | T | 0.04 | T | | | | | | | 15 | |
| 16 | | | | | | | | | | | | | | | | | | | | | | | | 16 | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | 17 | |
| 18 | | | | | | | | | | | | | | | | | | | | | | | | 18 | |
| 19 | | | | | | | | | | | | | | | | | | | | | | | | 19 | |
| 20 | | T | 0.04 | 0.02 | T | | T | | | | | | | | T | T | T | T | T | | | T | T | 20 | |
| 21 | | | | | | | | | | | | | | | | | | | | | | | | 21 | |
| 22 | 0.01 | T | T | | | | T | T | T | T | | | | | | | | T | 0.02 | | | 0.02 | 0.03 | 22 | |
| 23 | | | | | | | T | T | | | | | | | | | | | | | | | | 23 | |
| 24 | | | | | | | T | T | | | | | | | | | | | | | | | | 24 | |
| 25 | | | | | | | | | | | | | | 0.01 | 0.21 | 0.02 | 0.02 | T | 0.01 | 0.03 | T | | | 25 | |
| 26 | | | | | | | | | | | | | | | | | | | | | | | | 26 | |
| 27 | | | | | | | | | | | | | | | | | | | | | | | | 27 | |
| 28 | | | | | | | | | | | | | | | | | | | | | | | | 28 | |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | 29 | |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | 30 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | 31 | |

MAXIMUM SHORT DURATION PRECIPITATION

| TIME PERIOD (MINUTES) | 5 | 10 | 15 | 20 | 30 | 45 | 60 | 80 | 100 | 120 | 150 | 180 |
|------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| PRECIPITATION (INCHES) | 0.09 | 0.15 | 0.16 | 0.18 | 0.21 | 0.29 | 0.35 | 0.40 | 0.44 | 0.48 | 0.50 | 0.51 |
| ENDED: DATE | 03 | 03 | 03 | 04 | 04 | 03 | 03 | 03 | 03 | 03 | 03 | 03 |
| ENDED: TIME | 0534 | 0535 | 0539 | 0503 | 0518 | 0527 | 0524 | 0543 | 0551 | 0551 | 0551 | 0551 |

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
USCOMM - 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