



DECEMBER 2008

LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

HUNTINGTON, WV
 TRI-STATE/M.J.FERGUSON FIELD AIRPORT (KHTS)
 Lat:38° 22'N Long: 82° 33'W Elev (Ground) 824 Feet
 Time Zone : EASTERN WBAN: 03860 ISSN#: 0198-5655



| Date 1 | Temperature °F | | | | | | Deg Days BASE 65° | | WEATHER 10 | SNOW/ICE ON GND(IN) | | PRECIPITATION ON GND(IN) | | PRESSURE (INCHES OF HG) | | WIND SPEED = MPH DIR = TENS OF DEGREES | | | | | | | | Date 24 | |
|---------------------------------|----------------|--------------|--------------|-------------------------|------------------------|--------------------------|----------------------|--------------|--------------------------|--|-------------|---------------------------------|-------------|--|----------------------------|---|---------------|---|---------|-----|------------------------------|----|----|------------|--|
| | MAXIMUM 2 | MINIMUM 3 | AVERAGE 4 | DEP FROM NORMAL 5 | AVERAGE DEW PT 6 | AVERAGE WET BULB 7 | HEATING 8 | COOLING 9 | | 0700 LST | 1300 LST | 2400 LST | 2400 LST | AVERAGE STATION 15 | AVERAGE SEA LEVEL 16 | RESULTANT SPEED 17 | RES DIR 18 | AVERAGE SPEED 19 | MAXIMUM | | | | | | |
| | | | | | | | | | | | | | | | | | | | 3-SEC | | 2-MIN | | | | |
| 20 | 21 | 22 | 23 | 24 | | | | | | | | | | | | | | | | | | | | | |
| 01 | 41 | 32 | 37 | -4 | 30 | 34 | 28 | 0 | RA SN BR | 0 | | T | 0.03 | 28.68 | 29.64 | 10.1 | 23 | 10.4 | 31 | 26 | 21 | 23 | 01 | | |
| 02 | 34 | 28 | 31 | -10 | 23 | 28 | 34 | 0 | SN | 0 | | T | | 29.22 | 30.17 | 5.0 | 23 | 5.9 | 18 | 26 | 14 | 26 | 02 | | |
| 03 | 52 | 23 | 38 | -3 | 24 | 34 | 27 | 0 | RA | 0 | | 0.0 | T | 29.23 | 30.13 | 5.7 | 18 | 6.3 | 20 | 17 | 15 | 18 | 03 | | |
| 04 | 51 | 25 | 38 | -3 | 31 | 35 | 27 | 0 | RA BR UP | 0 | | 0.0 | T | 29.26 | 30.21 | 4.9 | 28 | 6.9 | 21 | 32 | 15 | 33 | 04 | | |
| 05 | 27 | 14 | 21 | -19 | 14 | 19 | 44 | 0 | SN | 0 | | T | | 29.46 | 30.38 | 3.0 | 26 | 3.4 | 14 | 22 | 9 | 22 | 05 | | |
| 06 | 32 | 14 | 23 | -17 | 20 | 23 | 42 | 0 | SN BR | 0 | | 0.6 | 0.03 | 29.11 | 30.03 | 4.7 | 21 | 5.5 | 21 | 21 | 15 | 19 | 06 | | |
| 07 | 30 | 17 | 24 | -15 | 13 | 21 | 41 | 0 | SN BR | T | | 0.01 | 0.01 | 29.26 | 30.23 | 5.9 | 30 | 6.7 | 26 | 28 | 18 | 31 | 07 | | |
| 08 | 47 | 20 | 34 | -5 | 17 | 28 | 31 | 0 | | 0 | | 0.0 | 0.00 | 29.28 | 30.20 | 2.1 | 16 | 2.8 | 16 | 18 | 12 | 18 | 08 | | |
| 09 | 64 | 30 | 47 | 8 | 36 | 44 | 18 | 0 | RA BR | 0 | | 0.0 | 0.06 | 29.10 | 29.98 | 5.5 | 19 | 6.0 | 32 | 21 | 21 | 19 | 09 | | |
| 10 | 54 | 34 | 44 | 6 | 45 | 45 | 21 | 0 | RA BR | 0 | | 0.0 | 0.78 | 29.03 | 29.96 | 2.2 | 01 | 6.1 | 22 | 33 | 16 | 33 | 10 | | |
| 11 | 36 | 32 | 34 | -4 | 32 | 33 | 31 | 0 | RA SN BR UP | 0 | | 0.3 | 0.85 | 28.98 | 29.87 | 5.9 | 01 | 6.7 | 24 | 33 | 14 | 31 | 11 | | |
| 12 | 33 | 24 | 29 | -9 | 25 | 28 | 36 | 0 | SN BR HZ | 0 | | T | 0.01 | 29.08 | 30.06 | 6.4 | 28 | 7.1 | 23 | 29 | 15 | 28 | 12 | | |
| 13 | 36 | 17 | 27 | -11 | 23 | 26 | 38 | 0 | BR | 0 | | 0.0 | 0.00 | 29.39 | 30.33 | | | 3.2 | 12 | 17 | 9 | 09 | 13 | | |
| 14 | 59 | 27 | 43 | 6 | 32 | 39 | 22 | 0 | | 0 | | 0.0 | 0.00 | 29.28 | 30.19 | | | 7.4 | 31 | 19 | 17 | 19 | 14 | | |
| 15 | 63 | 30 | 47 | 10 | 41 | 45 | 18 | 0 | RA BR UP | 0 | | 0.0 | 0.20 | 29.31 | 30.25 | | | 10.0 | 28 | 17 | 21 | 17 | 15 | | |
| 16 | 32 | 27 | 30 | -7 | 28 | 29 | 35 | 0 | RA DZ FZRA FZDZ SN BR UP | 0 | | T | 0.46 | 29.47 | 30.35 | 3.7 | 03 | 4.6 | 16 | 05 | 13 | 05 | 16 | | |
| 17 | 40 | 32 | 36 | -1 | 35 | 36 | 29 | 0 | RA FG BR | 0 | | 0.0 | 0.03 | 29.24 | 30.19 | 1.8 | 28 | 3.5 | 17 | 28 | 12 | 28 | 17 | | |
| 18 | 40 | 34 | 37 | 1 | 36 | 37 | 28 | 0 | RA FG+ FG BR | 0 | | 0.0 | T | 29.36 | 30.28 | 1.4 | 02 | 2.8 | 8 | 05 | 7 | 04 | 18 | | |
| 19 | 67 | 38 | 53 | 17 | 46 | 49 | 12 | 0 | RA FG+ FG BR | 0 | | 0.0 | 0.17 | 29.00 | 29.87 | 7.1 | 25 | 9.8 | 43 | 22 | 25 | 25 | 19 | | |
| 20 | 46 | 34 | 40 | 4 | 35 | 36 | 25 | 0 | RA FG BR | 0 | | 0.0 | 0.01 | 29.05 | 29.91 | 2.9 | 04 | 4.3 | 14 | 32 | 10 | 11 | 20 | | |
| 21 | 42 | 9 | 26 | -10 | 14 | 24 | 39 | 0 | BR | 0 | | 0.0 | 0.00 | 28.98 | 29.96 | 13.0 | 27 | 13.2 | 41 | 29 | 25 | 27 | 21 | | |
| 22 | 20 | 6* | 13* | -23 | 1 | 10 | 52 | 0 | SN | 0 | | T | T | 29.51 | 30.50 | 5.8 | 25 | 7.0 | 28 | 28 | 18 | 27 | 22 | | |
| 23 | 34 | 11 | 23 | -12 | 16 | 22 | 42 | 0 | RA FZRA UP | 0 | | 0.0 | 0.02 | 29.52 | 30.41 | 1.7 | 11 | 2.0 | 10 | 12 | 8 | 11 | 23 | | |
| 24 | 63 | 33 | 48 | 13 | 42 | 46 | 17 | 0 | RA BR | 0 | | 0.0 | 1.40 | 29.12 | 30.03 | 8.3 | 21 | 10.8 | 39 | 24 | 28 | 23 | 24 | | |
| 25 | 42 | 29 | 36 | 1 | 26 | 31 | 29 | 0 | | 0 | | 0.0 | 0.00 | 29.45 | 30.39 | 2.3 | 32 | 4.9 | 25 | 25 | 17 | 25 | 25 | | |
| 26 | 54 | 25 | 40 | 5 | 37 | 38 | 25 | 0 | RA FZRA BR | 0 | | 0.0 | 0.14 | 29.36 | 30.27 | 1.1 | 16 | 2.0 | 10 | 19 | 8 | 05 | 26 | | |
| 27 | 73* | 46 | 60* | 26 | 51 | 55 | 5 | 0 | BR | 0 | | 0.0 | 0.00 | 29.22 | 30.09 | 8.1 | 19 | 8.2 | 31 | 17 | 21 | 19 | 27 | | |
| 28 | 66 | 33 | 50 | 16 | 37 | 44 | 15 | 0 | RA BR | 0 | | 0.0 | 0.10 | 29.15 | 30.08 | 7.2 | 24 | 9.9 | 46* | 26 | 30* | 26 | 28 | | |
| 29 | 50 | 24 | 37 | 3 | 25 | 34 | 28 | 0 | | 0 | | 0.0 | 0.00 | 29.25 | 30.17 | 6.6 | 22 | 7.0 | 23 | 24 | 16 | 24 | 29 | | |
| 30 | 52 | 29 | 41 | 7 | 28 | 37 | 24 | 0 | | 0 | | 0.0 | 0.00 | 29.13 | 30.00 | 3.7 | 22 | 5.5 | 23 | 21 | 14 | 22 | 30 | | |
| 31 | 52 | 21 | 37 | 3 | 16 | 27 | 28 | 0 | SN | 0 | | T | T | 29.13 | 30.13 | 10.7 | 31 | 12.0 | 44 | 24 | 28 | 26 | 31 | | |
| | | | | | | | | | | < MONTHLY AVERAGES TOTALS > | | | | 0.9 | 4.41 | 29.21 | 30.14 | 3.1 | 25 | 6.5 | < MONTHLY AVERAGES | | | | |
| | | | | | | | | | | <-----DEPARTURE FROM NORMAL -----> | | | | 1.04 | | SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3 | | | | | | | | | |
| DEGREE DAYS | | | | | | | | | | GREATEST 24-HR PRECIPITATION : 1.41 DATE : 23-24 | | | | SEA LEVEL PRESSURE | | | | DATE TIME | | | | | | | |
| MONTHLY | | | | | | | | | | GREATEST 24-HR SNOWFALL : 0.6 DATE : 06 | | | | MAXIMUM : 30.63 | | | | 23 0041 | | | | | | | |
| SEASON TO DATE | | | | | | | | | | GREATEST SNOW DEPTH : T DATE : 07 | | | | MINIMUM : 29.38 | | | | 01 0159 | | | | | | | |
| TOTAL DEPARTURE | | | | | | | | | | NUMBER OF -> DAYS WITH | | | | MAXIMUM TEMP >= 90 : 0 | | MINIMUM TEMP <= 32 : 24 | | PRECIPITATION >= 0.01 INCH : 17 | | | | | | | |
| HEATING : 891 42 1857 95 | | | | | | | | | | MAXIMUM TEMP <= 32 : 5 | | MINIMUM TEMP <= 0 : 0 | | PRECIPITATION >= 0.10 INCH : 9 | | | | | | | | | | | |
| COOLING : 0 0 1059 -52 | | | | | | | | | | THUNDERSTORMS : 0 | | HEAVY FOG : 2 | | SNOWFALL >= 1.0 INCH : 0 | | | | | | | | | | | |

DECEMBER 2008
HUNTINGTON, WV

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

HUNTINGTON, WV (KHTS)
DECEMBER 2008

WBAN # 03860

| Date | FOR HOUR (LST) ENDING AT | | | | | | | | | | | | Date | FOR HOUR (LST) ENDING AT | | | | | | | | | | | | Date | Sum of Hourly Data | 2400 LST Water Equiv. |
|------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------------------|-----------------------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | | | |
| 01 | | | | 0.02 | T | | | | T | T | | | 01 | | | | | T | | 0.01 | T | | | | 01 | 0.03 | 0.03 | |
| 02 | | | | | | | | | T | T | | | 02 | | | | | | | | | | | | 02 | T | T | |
| 03 | | | | | | | | | | | T | | 03 | | | | | | | | | T | T | | 03 | T | T | |
| 04 | T | T | T | 0.01 | 0.01 | 0.02 | 0.03 | T | 0.03 | 0.01 | T | T | 04 | T | | | | | | | | | | | 04 | 0.11 | 0.11 | |
| 05 | | | | | | | | | | | | T | 05 | T | | | | | | | | | | | 05 | T | T | |
| 06 | | | | | | | | | | T | 0.01 | T | 06 | 0.01 | 0.01 | T | T | | | | T | T | T | T | 06 | 0.03 | 0.03 | |
| 07 | 0.01 | | | | T | | | | | | | | 07 | | | | | | | | T | T | T | T | 07 | 0.01 | 0.01 | |
| 08 | | | | | | | | | | | | | 08 | | | | | | | | | | | | 08 | 0.00 | 0.00 | |
| 09 | | | | | | | | | | | | | 09 | | | | | T | T | T | 0.02 | 0.02 | T | 0.02 | 09 | 0.06 | 0.06 | |
| 10 | 0.09 | 0.11 | 0.02 | 0.12 | 0.11 | 0.21 | 0.08 | T | 0.03 | 0.01 | | T | 10 | | | | | | | | | | T | 0.02 | 10 | 0.78 | 0.78 | |
| 11 | | 0.01 | | 0.01 | 0.01 | 0.01 | 0.04 | 0.03 | 0.01 | 0.02 | T | 0.01 | 11 | 0.10 | 0.15 | 0.16 | 0.12 | 0.05 | T | | 0.01 | 0.06 | 0.05 | T | 11 | 0.85 | 0.85 | |
| 12 | T | T | | | | | | | | | | | 12 | | | T | T | T | | | | | | | 12 | 0.01 | 0.01 | |
| 13 | | | | | | | | | | | | | 13 | | | | | | 0.01 | | | | | | 13 | 0.00 | 0.00 | |
| 14 | | | | | | | | | | | | | 14 | | | | | | | | | | | | 14 | 0.00 | 0.00 | |
| 15 | | | | | | | | | T | T | 0.01 | 0.01 | 15 | 0.01 | 0.09 | 0.05 | T | 0.01 | 0.02 | T | T | T | T | 15 | 0.20 | 0.20 | | |
| 16 | 0.01 | T | T | 0.03 | 0.01 | 0.03 | 0.02 | T | 0.03 | 0.01 | 0.01 | 0.01 | 16 | | | 0.01 | 0.03 | 0.06 | 0.02 | 0.10 | 0.05 | 0.01 | 0.01 | 0.01 | 16 | 0.46 | 0.46 | |
| 17 | | | | 0.01 | 0.01 | 0.01 | 0.01 | T | | | | | 17 | | | | | | | | | | | | 17 | 0.03 | 0.03 | |
| 18 | | | | | | | | | | | | | 18 | | | | | | | | | | T | T | 18 | T | T | |
| 19 | | | T | T | 0.01 | 0.05 | | | 0.01 | 0.05 | 0.01 | 0.02 | 19 | 0.01 | 0.01 | | | | | | | | | | 19 | 0.17 | 0.17 | |
| 20 | | | | | | | | | | | | | 20 | | | | | | | | | | 0.01 | | 20 | 0.01 | 0.01 | |
| 21 | | | | | | | | | | | | | 21 | | | | | | | | | | | | 21 | 0.00 | 0.00 | |
| 22 | | | | | T | T | | | | | | | 22 | | | | | | | | | | | | 22 | T | T | |
| 23 | | | | | | | | | | | | | 23 | | | T | T | T | 0.01 | T | T | 0.01 | T | T | 23 | 0.02 | 0.02 | |
| 24 | | 0.01 | T | 0.06 | 0.04 | 0.03 | 0.25 | 0.11 | 0.16 | 0.18 | 0.05 | 0.06 | 24 | 0.03 | 0.01 | 0.01 | 0.15 | 0.23 | 0.01 | 0.01 | | | | 24 | 1.40 | 1.40 | | |
| 25 | | | | | | | | | | | | | 25 | | | | | | | | | | | | 25 | 0.00 | 0.00 | |
| 26 | | | | | | | | | 0.02 | T | T | 0.05 | 26 | | 0.07 | T | | | | | | | | 26 | 0.14 | 0.14 | | |
| 27 | | | | | | | | | | | | | 27 | | | | | | | | | | | | 27 | 0.00 | 0.00 | |
| 28 | | | | 0.02 | 0.01 | T | 0.06 | 0.01 | | | | | 28 | | | | | | | | | | | | 28 | 0.10 | 0.10 | |
| 29 | | | | | | | | | | | | | 29 | | | | | | | | | | | | 29 | 0.00 | 0.00 | |
| 30 | | | | | | | | | | | | | 30 | | | | | | | | | | | | 30 | 0.00 | 0.00 | |
| 31 | | | | | | | | | | | T | | 31 | | | | | | | | | | | | 31 | T | T | |

* Indicates sum of Hourly and Daily disagree.

MAXIMUM SHORT DURATION PRECIPITATION (See Note)

| Time Period (Minutes) | 5 | 10 | 15 | 20 | 30 | 45 | 60 | 80 | 100 | 120 | 150 | 180 |
|------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| Precipitation (Inches) | 0.08 | 0.14 | 0.17 | 0.19 | 0.21 | 0.23 | 0.25 | 0.28 | 0.35 | 0.41 | 0.47 | 0.56 |
| Ending Date | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Ending Time (Hr/Min) | 0635 | 0640 | 0643 | 0649 | 0649 | 0649 | 0657 | 1659 | 0808 | 0827 | 0859 | 0930 |

Note : The hourly and daily precipitation totals are printed in the last 2 columns and hi-lighted in red when they disagree. NWS does not edit ASOS hourly values but may edit daily and monthly totals. Hourly, daily, and monthly totals are printed as reported by the ASOS site.

Date and time are not entered for TRACE amounts.

REFERENCE NOTES & SUPPLEMENTAL SUMMARIES

* = Extreme for the month (last occurrence if more than one).

T = Trace precipitation amount.

+ = also occurs on earlier date.

FG+ = Heavy fog, visibility .25 miles or less.

BLANK entries denote missing or unreported data.

Resultant wind is the vector sum of the wind speeds and directions divided by the number of observations.

Wind direction is recorded in tens of degrees (2 digits) clockwise from true north. '00' = calm, 'VR' = variable.

Precipitation is for the 24-hour period ending at the time indicated in the column heading.

Water Equivalent of snow on the ground is reported only when the depth is 2 or more inches.

NORMALS ARE FOR THE YEARS 1971-2000

WEATHER NOTATIONS

| QUALIFIER | WEATHER PHENOMENA | | |
|--------------------|-----------------------------------|--------------------|------------------------------------|
| DESCRIPTOR | PRECIPITATION | OBSCURATION | OTHER |
| BC Patches | DZ Drizzle | BR Mist | DS Duststorm |
| BL Blowing | GR Hail | DU Widespread Dust | FC Funnel Cloud |
| DR Low Drifting | GS Small Hail and/or Snow Pellets | FG Fog | +FC Tornado Waterspout |
| FZ Freezing | IC Ice Crystals | FU Smoke | PO Well-Developed Dust/Sand Whirls |
| MI Shallow | PL Ice Pellets | HZ Haze | |
| PR Partial | RA Rain | PY Spray | SQ Squalls |
| SH Shower(s) | SG Snow Grains | SA Sand | SS Sandstorm |
| TS Thunderstorm | SN Snow | VA Volcanic Ash | GL Glaze |
| VC In the Vicinity | UP Unkown Precipitation | | |

Intensity (as indicated on pages 4 to 6):
 '+' = Heavy '' = Moderate '-' = Light

HUNTINGTON, WV DECEMBER 2008

Ceilometer (30-second) data are used to derive cloudiness at or below 12,000 feet. This cloudiness is the mean cloud cover detected during sunrise to sunset (SR-SS), or midnight to midnight (MN-MN).

Satellite data are used to derive cloudiness above 12,000 feet. Effective Cloud Amount is based on the cloud cover and the transparency of the clouds within the satellite field of view (approx. 31x31 miles).

Sky Condition is based on the sum (not to exceed 8) of the sunrise to sunset cloud cover below and above 12,000 feet. Both ceilometer and satellite data must be present to compute Sky Condition. Clear = 0-2 oktas, Partly Cloudy = 3-6 oktas, Cloudy = 7-8 oktas.

A Heating (Cooling) Degree Day is the difference between the average daily temperature and 65 degrees F. The HDD season begins July 1, the CDD season begins January 1.

Dew Point is the temperature to which the air must be cooled to achieve 100% relative humidity. Wet Bulb is the temperature the air would have if cooled to saturation at constant pressure by evaporation of water into it.

Snow Depth, Snowfall, and Sunshine data may come from nearby sites that the National Weather Service deems Climatologically representative of this site.

ADDITIONAL NOTES:

Station Augmentation-HUNTINGTON SWG PL COOP
 Lat/Lon:38.41833/-82.51 Elevation:520
 Distance:3 MI Dir:N
 Augmented Elements:Temp, Precip, Snow
 Equipment:MMTS, SRG, Snowboard

| Date | SUNSHINE | | CLOUDINESS (OKTAS) | | | | VISIBILITY (MILES) | | RESERVED |
|--|---------------|------------------|--------------------|-----------|------------------|-----------|--------------------|---------|----------|
| | TOTAL MINUTES | PERCENT POSSIBLE | SR-SS | | MN-MN | | MINIMUM | MAXIMUM | |
| | | | Sky Cover | Satellite | Sky Cover | Satellite | | | |
| 01 | | | | | | | 3.00 | 10.00 | |
| 02 | | | | | | | 5.00 | 10.00 | |
| 03 | | | | | | | 10.00 | 10.00 | |
| 04 | | | | | | | 5.00 | 10.00 | |
| 05 | | | | | | | 7.00 | 10.00 | |
| 06 | | | | | | | 1.25 | 10.00 | |
| 07 | | | | | | | 9.00 | 10.00 | |
| 08 | | | | | | | 10.00 | 10.00 | |
| 09 | | | | | | | 5.00 | 10.00 | |
| 10 | | | | | | | 1.00 | 10.00 | |
| 11 | | | | | | | 2.50 | 10.00 | |
| 12 | | | | | | | 2.00 | 10.00 | |
| 13 | | | | | | | 4.00 | 10.00 | |
| 14 | | | | | | | 0.00 | 10.00 | |
| 15 | | | | | | | 3.00 | 10.00 | |
| 16 | | | | | | | 0.75 | 10.00 | |
| 17 | | | | | | | 0.50 | 10.00 | |
| 18 | | | | | | | 0.25 | 10.00 | |
| 19 | | | | | | | 0.25 | 10.00 | |
| 20 | | | | | | | 0.50 | 10.00 | |
| 21 | | | | | | | 4.00 | 10.00 | |
| 22 | | | | | | | 8.00 | 10.00 | |
| 23 | | | | | | | 8.00 | 10.00 | |
| 24 | | | | | | | 2.50 | 10.00 | |
| 25 | | | | | | | 10.00 | 10.00 | |
| 26 | | | | | | | 2.00 | 10.00 | |
| 27 | | | | | | | 6.00 | 10.00 | |
| 28 | | | | | | | 4.00 | 10.00 | |
| 29 | | | | | | | 9.00 | 10.00 | |
| 30 | | | | | | | 10.00 | 10.00 | |
| 31 | | | | | | | 5.00 | 10.00 | |
| MONTHLY AVGS | | | | | | | 4.47 | 10.00 | |
| SUNSHINE (Minutes) | | | | | | | | | |
| Total : 0 | | | | | Possible : 17763 | | | | |
| Percent Possible : 0 | | | | | | | | | |
| NUMBER OF DAYS WITH : SKY CONDITION | | | | | | | | | |
| Clear | | Partly CLDY | | | Cloudy | | | Missing | |
| MINIMUM VISIBILITY (MILES) | | | | | | | | | |
| <= .25 | | | <= 3.0 | | | | >= 7.0 | | |
| 3 | | | 14 | | | | 9 | | |

OBSERVATIONS AT 3-HOURLY INTERVALS

HUNTINGTON, WV DECEMBER 2008 KHTS

WBAN # 03860

| HOUR (LST) | SKY COVER | CEILING 100's of FT. | SATELLITE | | WEATHER | TEMPERATURE °F | | | WIND | | PRESSURE (INCHES, HG) | | HOUR (LST) | SKY COVER | CEILING 100's of FT. | SATELLITE | | WEATHER | TEMPERATURE °F | | | WIND | | PRESSURE (INCHES, HG) | | | | | |
|-----------------------------|-----------|-------------------------|---------------------------|----------------------|---------|-----------------------|----------|-----------|----------|----------------------------|--------------------------|-----------------------------|------------|-----------|-------------------------|-----------|--------------|---------------------|---------------------------|----------------------|-----------------------|----------|-----------|--------------------------|----------------------------|-------------|--------------------------|---------|--------------|
| | | | Observation Time (LST) | Eff Cld Amt Oktas | | VISIBILITY (MILES) | DRY BULB | DEW POINT | WET BULB | RELATIVE HUMIDITY (PCT) | SPEED (MPH) | DIRECTION Tens of Deg | | | | STATION | SEA LEVEL | | Observation Time (LST) | Eff Cld Amt Oktas | VISIBILITY (MILES) | DRY BULB | DEW POINT | WET BULB | RELATIVE HUMIDITY (PCT) | SPEED (MPH) | DIRECTION Tens of Deg | STATION | SEA LEVEL |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUNRISE: 0728 DEC 01 | | | | | | SUNSET: 1710 | | | | | | SUNRISE: 0734 DEC 07 | | | | | | SUNSET: 1710 | | | | | | | | | | | |
| 01 | OVC | 031 | | | 10.00 | 38 | 33 | 36 | 82 | 8 | 23 | 28.51 | 29.39 | 01 | OVC | 065 | | | 10.00 | 29 | 21 | 26 | 72 | 11 | 30 | 29.05 | 29.97 | | |
| 04 | OVC | 024 | | | 7.00 | 37 | 34 | 36 | 89 | 7 | 24 | 28.52 | 29.41 | 04 | OVC | 028 | | | 10.00 | 26 | 18 | 23 | 72 | 9 | 30 | 29.15 | 30.07 | | |
| 07 | BKN | 085 | | | 10.00 | 36 | 31 | 34 | 82 | 10 | 22 | 28.57 | 29.46 | 07 | OVC | 050 | | | 10.00 | 23 | 13 | 20 | 65 | 11 | 31 | 29.25 | 30.18 | | |
| 10 | OVC | 039 | | | 10.00 | 37 | 30 | 34 | 76 | 13 | 24 | 28.66 | 29.55 | 10 | OVC | 038 | | | 10.00 | 23 | 12 | 20 | 63 | 11 | 29 | 29.37 | 30.29 | | |
| 13 | OVC | 050 | | | 10.00 | 39 | 26 | 34 | 60 | 13 | 25 | 28.72 | 29.62 | 13 | OVC | 035 | | | 10.00 | 27 | 12 | 23 | 53 | 9 | 30 | 29.36 | 30.29 | | |
| 16 | OVC | 110 | | | 10.00 | 39 | 27 | 34 | 62 | 20 | 22 | 28.81 | 29.71 | 16 | FEW | 040 | | | 10.00 | 28 | 11 | 23 | 49 | 3 | VR | 29.35 | 30.28 | | |
| 19 | OVC | 028 | | | 3.00 | 33 | 31 | 32 | 92 | 13 | 25 | 28.95 | 29.85 | 19 | CLR | NC | | | 10.00 | 24 | 10 | 20 | 55 | 0 | 00 | 29.37 | 30.30 | | |
| 22 | OVC | 070 | | | 10.00 | 32 | 30 | 31 | 92 | 8 | 24 | 29.04 | 29.95 | 22 | CLR | NC | | | 10.00 | 19 | 13 | 17 | 77 | 0 | 00 | 29.38 | 30.31 | | |
| SUNRISE: 0729 DEC 02 | | | | | | SUNSET: 1710 | | | | | | SUNRISE: 0734 DEC 08 | | | | | | SUNSET: 1710 | | | | | | | | | | | |
| 01 | OVC | 060 | | | 10.00 | 32 | 29 | 31 | 89 | 6 | 23 | 29.10 | 30.01 | 01 | OVC | 120 | | | 10.00 | 21 | 14 | 19 | 74 | 3 | 10 | 29.34 | 30.27 | | |
| 04 | OVC | 050 | | | 10.00 | 32 | 27 | 30 | 82 | 6 | 23 | 29.15 | 30.06 | 04 | OVC | 070 | | | 10.00 | 22 | 14 | 20 | 71 | 0 | 00 | 29.34 | 30.26 | | |
| 07 | OVC | 048 | | | 10.00 | 31 | 23 | 28 | 72 | 9 | 24 | 29.21 | 30.13 | 07 | OVC | 075 | | | 10.00 | 23 | 16 | 21 | 74 | 0 | 00 | 29.34 | 30.27 | | |
| 10 | OVC | 050 | | | 7.00 | 32 | 25 | 29 | 75 | 5 | VR | 29.26 | 30.18 | 10 | BKN | 100 | | | 10.00 | 29 | 18 | 25 | 63 | 0 | 00 | 29.33 | 30.27 | | |
| 13 | OVC | 034 | | | 10.00 | 31 | 22 | 28 | 69 | 6 | 26 | 29.27 | 30.19 | 13 | CLR | NC | | | 10.00 | 40 | 18 | 32 | 41 | 7 | 21 | 29.28 | 30.20 | | |
| 16 | OVC | 040 | | | 10.00 | 32 | 19 | 28 | 59 | 6 | 26 | 29.30 | 30.22 | 16 | CLR | NC | | | 10.00 | 45 | 15 | 34 | 30 | 5 | 17 | 29.23 | 30.15 | | |
| 19 | OVC | 042 | | | 10.00 | 30 | 20 | 27 | 66 | 3 | 21 | 29.33 | 30.25 | 19 | CLR | NC | | | 10.00 | 42 | 18 | 33 | 38 | 5 | 11 | 29.20 | 30.12 | | |
| 22 | CLR | NC | | | 10.00 | 28 | 20 | 25 | 72 | 5 | 18 | 29.31 | 30.24 | 22 | CLR | NC | | | 10.00 | 40 | 20 | 33 | 45 | 0 | 00 | 29.19 | 30.10 | | |
| SUNRISE: 0730 DEC 03 | | | | | | SUNSET: 1710 | | | | | | SUNRISE: 0735 DEC 09 | | | | | | SUNSET: 1710 | | | | | | | | | | | |
| 01 | CLR | NC | | | 10.00 | 28 | 20 | 25 | 72 | 5 | 15 | 29.30 | 30.22 | 01 | CLR | NC | | | 10.00 | 42 | 21 | 34 | 43 | 6 | 20 | 29.20 | 30.10 | | |
| 04 | CLR | NC | | | 10.00 | 26 | 20 | 24 | 78 | 3 | 20 | 29.32 | 30.24 | 04 | CLR | NC | | | 10.00 | 42 | 21 | 34 | 43 | 3 | 23 | 29.21 | 30.12 | | |
| 07 | CLR | NC | | | 10.00 | 26 | 20 | 24 | 78 | 3 | 20 | 29.33 | 30.26 | 07 | CLR | NC | | | 10.00 | 35 | 24 | 31 | 64 | 0 | 00 | 29.19 | 30.10 | | |
| 10 | CLR | NC | | | 10.00 | 38 | 24 | 33 | 57 | 6 | VR | 29.30 | 30.22 | 10 | CLR | NC | | | 10.00 | 50 | 31 | 42 | 48 | 6 | 15 | 29.11 | 30.02 | | |
| 13 | CLR | NC | | | 10.00 | 47 | 23 | 38 | 39 | 8 | 20 | 29.22 | 30.13 | 13 | CLR | NC | | | 10.00 | 60 | 42 | 51 | 52 | 14 | 19 | 29.04 | 29.92 | | |
| 16 | OVC | 055 | | | 10.00 | 51 | 24 | 40 | 35 | 9 | 17 | 29.14 | 30.05 | 16 | OVC | 070 | | | 10.00 | 63 | 42 | 52 | 46 | 9 | 20 | 29.04 | 29.93 | | |
| 19 | CLR | NC | | | 10.00 | 50 | 25 | 40 | 38 | 10 | 17 | 29.09 | 30.01 | 19 | OVC | 090 | | | 10.00 | 60 | 46 | 53 | 60 | 3 | 21 | 29.02 | 29.91 | | |
| 22 | OVC | 060 | | | 10.00 | 50 | 30 | 41 | 46 | 8 | 21 | 29.11 | 30.01 | 22 | OVC | 050 | | | 9.00 | 53 | 51 | 52 | 93 | 3 | 25 | 28.98 | 29.87 | | |
| SUNRISE: 0731 DEC 04 | | | | | | SUNSET: 1710 | | | | | | SUNRISE: 0736 DEC 10 | | | | | | SUNSET: 1710 | | | | | | | | | | | |
| 01 | OVC | 055 | | | 10.00 | 51 | 34 | 43 | 52 | 8 | 25 | 29.12 | 30.02 | 01 | OVC | 050 | | | 4.00 | 53 | 52 | 52 | 96 | 5 | 20 | 29.00 | 29.88 | | |
| 04 | OVC | 042 | | | 10.00 | 45 | 40 | 43 | 83 | 5 | 20 | 29.16 | 30.06 | 04 | OVC | 060 | | | 4.00 | 53 | 53 | 53 | 100 | 5 | 19 | 28.99 | 29.87 | | |
| 07 | OVC | 030 | | | 9.00 | 43 | 41 | 42 | 93 | 5 | 20 | 29.19 | 30.09 | 07 | OVC | 090 | | | 10.00 | 53 | 53 | 53 | 100 | 13 | 17 | 28.96 | 29.84 | | |
| 10 | OVC | 006 | | | 6.00 | 36 | 34 | 35 | 92 | 10 | 33 | 29.29 | 30.20 | 10 | OVC | 032 | | | 9.00 | 54 | 54 | 54 | 100 | 0 | 00 | 29.05 | 29.94 | | |
| 13 | OVC | 046 | | | 10.00 | 36 | 33 | 35 | 89 | 5 | 33 | 29.30 | 30.21 | 13 | OVC | 003 | | | 1.00 | 42 | 42 | 42 | 100 | 7 | 34 | 29.08 | 29.97 | | |
| 16 | OVC | 070 | | | 10.00 | 35 | 29 | 33 | 79 | 7 | 31 | 29.34 | 30.25 | 16 | OVC | 008 | | | 2.50 | 40 | 39 | 40 | 96 | 9 | 01 | 29.11 | 30.01 | | |
| 19 | CLR | NC | | | 10.00 | 32 | 23 | 29 | 69 | 7 | 29 | 29.43 | 30.35 | 19 | OVC | 004 | | | 3.00 | 38 | 38 | 38 | 100 | 5 | 01 | 29.13 | 30.03 | | |
| 22 | CLR | NC | | | 10.00 | 28 | 19 | 25 | 69 | 6 | 30 | 29.47 | 30.39 | 22 | OVC | 004 | | | 5.00 | 36 | 35 | 36 | 96 | 6 | 03 | 29.15 | 30.05 | | |
| SUNRISE: 0732 DEC 05 | | | | | | SUNSET: 1710 | | | | | | SUNRISE: 0737 DEC 11 | | | | | | SUNSET: 1710 | | | | | | | | | | | |
| 01 | CLR | NC | | | 10.00 | 24 | 17 | 22 | 75 | 5 | 31 | 29.49 | 30.42 | 01 | OVC | 004 | | | 7.00 | 34 | 33 | 34 | 96 | 5 | 02 | 29.13 | 30.04 | | |
| 04 | CLR | NC | | | 10.00 | 21 | 14 | 19 | 74 | 5 | 30 | 29.50 | 30.43 | 04 | OVC | 004 | | | 4.00 | 33 | 33 | 33 | 100 | 5 | 02 | 29.08 | 30.00 | | |
| 07 | BKN | 025 | | | 10.00 | 20 | 13 | 18 | 74 | 7 | 25 | 29.51 | 30.45 | 07 | OVC | 004 | | | 5.00 | 33 | 33 | 33 | 100 | 3 | 01 | 29.08 | 29.98 | | |
| 10 | BKN | 023 | | | 10.00 | 22 | 14 | 20 | 71 | 6 | 24 | 29.52 | 30.45 | 10 | OVC | 006 | | | 6.00 | 33 | 32 | 33 | 96 | 8 | 36 | 29.08 | 29.98 | | |
| 13 | OVC | 025 | | | 10.00 | 24 | 15 | 21 | 68 | 6 | 26 | 29.47 | 30.40 | 13 | OVC | 006 | | | 2.50 | 33 | 32 | 33 | 96 | 6 | 01 | 28.96 | 29.87 | | |
| 16 | CLR | NC | | | 10.00 | 26 | 13 | 22 | 58 | 6 | 23 | 29.40 | 30.33 | 16 | OVC | 006 | | | 3.00 | 33 | 33 | 33 | 100 | 8 | 36 | 28.90 | 29.81 | | |
| 19 | CLR | NC | | | 10.00 | 23 | 13 | 20 | 65 | 0 | 00 | 29.39 | 30.32 | 19 | OVC | 006 | | | 10.00 | 35 | 34 | 35 | 96 | 7 | 04 | 28.80 | 29.70 | | |
| 22 | CLR | NC | | | 10.00 | 17 | 13 | 16 | 84 | 0 | 00 | 29.33 | 30.27 | 22 | OVC | 007 | | | 2.50 | 32 | 31 | 32 | 96 | 7 | 30 | 28.88 | 29.79 | | |
| SUNRISE: 0733 DEC 06 | | | | | | SUNSET: 1710 | | | | | | SUNRISE: 0738 DEC 12 | | | | | | SUNSET: 1710 | | | | | | | | | | | |
| 01 | CLR | NC | | | 7.00 | 15 | 12 | 14 | 88 | 0 | 00 | 29.27 | 30.21 | 01 | OVC | 060 | | | 7.00 | 32 | 30 | 31 | 92 | 7 | 32 | 28.87 | 29.77 | | |
| 04 | CLR | NC | | | 8.00 | 15 | 13 | 14 | 92 | 0 | 00 | 29.23 | 30.16 | 04 | CLR | NC | | | 10.00 | 31 | 27 | 30 | 85 | 7 | 30 | 28.95 | 29.86 | | |
| 07 | SCT | 120 | | | 10.00 | 19 | 16 | 18 | 88 | 3 | 14 | 29.17 | 30.10 | 07 | OVC | 016 | | | 8.00 | 29 | 25 | 28 | 85 | 10 | 30 | 29.05 | 29.96 | | |
| 10 | OVC | 024 | | | 4.00 | 24 | 13 | 21 | 63 | 7 | 21 | 29.16 | 30.09 | 10 | OVC | 020 | | | 8.00 | 29 | 24 | 27 | 82 | 8 | 30 | 29.15 | 30.07 | | |
| 13 | OVC | 014 | | | 1.25 | 27 | 24 | 26 | 88 | 8 | 18 | 29.05 | 29.97 | 13 | OVC | 027 | | | 10.00 | 31 | 25 | 29 | 78 | 7 | 25 | 29.16 | 30.08 | | |
| 16 | OVC | 041 | | | 10.00 | 29 | 25 | 28 | 85 | 10 | 18 | 28.99 | 29.91 | 16 | OVC | 060 | | | 2.00 | 31 | 27 | 30 | 85 | 8 | 25 | 29.21 | 30.13 | | |
| 19 | OVC | 075 | | | 10.00 | 31 | 23 | 28 | 72 | 6 | 23 | 29.00 | 29.92 | 19 | OVC | 060 | | | 9.00 | 31 | 25 | 29 | 78 | 7 | 28 | 29.27 | 30.19 | | |
| 22 | OVC | 024 | | | 6.00 | 31 | 25 | 29 | 78 | 7 | 22 | 29.03 | 29.97 | 22 | CLR | NC | | | 10.00 | 26 | 18 | 23 | 72 | 5 | 27 | 29.32 | 30.24 | | |

OBSERVATIONS AT 3-HOURLY INTERVALS

HUNTINGTON, WV DECEMBER 2008 KHTS

WBAN # 03860

| HOUR (LST) | SKY COVER | CEILING 100's of FT. | SATELLITE | | WEATHER | TEMPERATURE °F | | | WIND | | PRESSURE (INCHES, HG) | | HOUR (LST) | SKY COVER | CEILING 100's of FT. | SATELLITE | | WEATHER | TEMPERATURE °F | | | WIND | | PRESSURE (INCHES, HG) | | | | | |
|-----------------------------|-----------|-------------------------|---------------------------|----------------------|---------|-----------------------|----------|-----------|----------|----------------------------|--------------------------|-----------------------------|------------|-----------|-------------------------|-----------|--------------|---------------------|---------------------------|----------------------|-----------------------|----------|-----------|--------------------------|----------------------------|-------------|--------------------------|---------|--------------|
| | | | Observation Time (LST) | Eff Cld Amt Oktas | | VISIBILITY (MILES) | DRY BULB | DEW POINT | WET BULB | RELATIVE HUMIDITY (PCT) | SPEED (MPH) | DIRECTION Tens of Deg | | | | STATION | SEA LEVEL | | Observation Time (LST) | Eff Cld Amt Oktas | VISIBILITY (MILES) | DRY BULB | DEW POINT | WET BULB | RELATIVE HUMIDITY (PCT) | SPEED (MPH) | DIRECTION Tens of Deg | STATION | SEA LEVEL |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUNRISE: 0738 DEC 13 | | | | | | SUNSET: 1710 | | | | | | SUNRISE: 0742 DEC 19 | | | | | | SUNSET: 1712 | | | | | | | | | | | |
| 01 | SCT | 026 | | | 10.00 | 24 | 17 | 22 | 75 | 0 | 00 | 29.38 | 30.31 | 01 | VV | 001 | | | 0.25 | FG | 38 | 38 | 38 | 100 | 5 | 10 | 29.26 | 30.17 | |
| 04 | CLR | NC | | | 6.00 | 20 | 19 | 20 | 96 | 5 | 10 | 29.40 | 30.33 | 04 | OVC | 001 | | | 2.00 | BR | 39 | 39 | 39 | 100 | 3 | 05 | 29.14 | 30.05 | |
| 07 | CLR | NC | | | 5.00 | 19 | 17 | 18 | 92 | 0 | 00 | 29.44 | 30.37 | 07 | OVC | 100 | | | 5.00 | BR | 43 | 43 | 43 | 100 | 3 | 19 | 28.96 | 29.86 | |
| 10 | | | | | 10.00 | 25 | 22 | 24 | 88 | 5 | 16 | 29.47 | 30.39 | 10 | OVC | 070 | | | 5.00 | -RA BR | 56 | 54 | 55 | 93 | 14 | 20 | 28.87 | 29.76 | |
| 13 | | | | | 10.00 | 34 | 25 | 31 | 70 | | | 29.43 | 30.35 | 13 | OVC | 040 | | | 10.00 | | 63 | 59 | 61 | 87 | 13 | 28 | 28.81 | 29.70 | |
| 16 | CLR | NC | | | 10.00 | 35 | 25 | 31 | 67 | 6 | 12 | 29.39 | 30.31 | 16 | BKN | 070 | | | 10.00 | | 66 | 50 | 57 | 57 | 17 | 24 | 28.84 | 29.72 | |
| 19 | CLR | NC | | | 10.00 | 32 | 27 | 30 | 82 | | | 29.37 | 30.30 | 19 | BKN | 065 | | | 10.00 | | 60 | 46 | 53 | 60 | 13 | 28 | 28.96 | 29.85 | |
| 22 | CLR | NC | | | 10.00 | 30 | 28 | 29 | 92 | | | 29.35 | 30.28 | 22 | OVC | 039 | | | 10.00 | | 50 | 40 | 45 | 69 | 6 | 28 | 29.05 | 29.95 | |
| SUNRISE: 0739 DEC 14 | | | | | | SUNSET: 1711 | | | | | | SUNRISE: 0743 DEC 20 | | | | | | SUNSET: 1713 | | | | | | | | | | | |
| 01 | FEW | 120 | | | 0.00 | 32 | 29 | 31 | 89 | 5 | 14 | 29.29 | 30.21 | 01 | OVC | 020 | | | 10.00 | | 44 | 38 | 41 | 80 | 7 | 33 | 29.08 | 29.97 | |
| 04 | CLR | NC | | | 10.00 | 32 | 28 | 30 | 85 | 0 | 00 | 29.29 | 30.21 | 04 | OVC | 012 | | | 10.00 | | 40 | 36 | 38 | 86 | 7 | 36 | 29.11 | 30.00 | |
| 07 | CLR | NC | | | 10.00 | 29 | 28 | 29 | 96 | 0 | 00 | 29.29 | 30.21 | 07 | OVC | 004 | | | 3.00 | BR | 35 | 35 | 35 | 100 | 6 | 02 | 29.12 | 30.03 | |
| 10 | CLR | NC | | | 10.00 | 42 | 26 | 36 | 53 | | | 29.33 | 30.24 | 10 | OVC | 004 | | | 1.75 | BR | 34 | 34 | 34 | 100 | 6 | 04 | 29.10 | 30.01 | |
| 13 | CLR | NC | | | 10.00 | 54 | 30 | 43 | 40 | | | 29.29 | 30.20 | 13 | OVC | 006 | | | 9.00 | | 36 | 34 | 35 | 92 | 3 | 10 | 29.07 | 29.97 | |
| 16 | FEW | 100 | | | 10.00 | 58 | 37 | 48 | 46 | 14 | 19 | 29.26 | 30.17 | 16 | OVC | 002 | | | 2.00 | BR | 35 | 35 | 35 | 100 | 6 | 05 | 29.01 | 29.91 | |
| 19 | CLR | NC | | | 10.00 | 53 | 37 | 46 | 55 | 13 | 15 | 29.25 | 30.16 | 19 | OVC | 002 | | | 1.00 | BR | 35 | 35 | 35 | 100 | 3 | 11 | 28.93 | 29.83 | |
| 22 | CLR | NC | | | 10.00 | 53 | 39 | 46 | 59 | | | 29.23 | 30.14 | 22 | VV | 001 | | | 0.50 | FG | 36 | 36 | 36 | 100 | 5 | 12 | 28.78 | 29.69 | |
| SUNRISE: 0740 DEC 15 | | | | | | SUNSET: 1711 | | | | | | SUNRISE: 0743 DEC 21 | | | | | | SUNSET: 1713 | | | | | | | | | | | |
| 01 | CLR | NC | | | 10.00 | 55 | 40 | 48 | 57 | 9 | 18 | 29.22 | 30.12 | 01 | OVC | 009 | | | 4.00 | BR | 38 | 38 | 38 | 100 | 3 | 20 | 28.78 | 29.68 | |
| 04 | OVC | 090 | | | 10.00 | 59 | 42 | 50 | 54 | 21 | 17 | 29.18 | 30.07 | 04 | OVC | 012 | | | 10.00 | | 38 | 35 | 37 | 89 | 11 | 27 | 28.91 | 29.81 | |
| 07 | BKN | 100 | | | 10.00 | 59 | 45 | 52 | 60 | 14 | 19 | 29.22 | 30.11 | 07 | OVC | 048 | | | 10.00 | | 36 | 28 | 33 | 73 | 11 | 26 | 29.00 | 29.91 | |
| 10 | OVC | 085 | | | 10.00 | 62 | 49 | 55 | 63 | | | 29.25 | 30.14 | 10 | OVC | 041 | | | 10.00 | | 32 | 22 | 28 | 67 | 9 | 27 | 29.05 | 29.96 | |
| 13 | | | | | 3.00 | 56 | 54 | 55 | 93 | | | 29.30 | 30.19 | 13 | CLR | NC | | | 10.00 | | 30 | 11 | 24 | 45 | 13 | 27 | 29.05 | 29.95 | |
| 16 | OVC | 019 | | | 10.00 | 48 | 46 | 47 | 93 | 9 | 30 | 29.39 | 30.29 | 16 | CLR | NC | | | 10.00 | | 28 | 5 | 22 | 37 | 10 | 26 | 29.04 | 29.95 | |
| 19 | OVC | 049 | | | 10.00 | 37 | 34 | 36 | 89 | 8 | 32 | 29.51 | 30.42 | 19 | CLR | NC | | | 10.00 | | 21 | -2 | 16 | 36 | 21 | 26 | 29.13 | 30.05 | |
| 22 | OVC | 055 | | | 10.00 | 33 | 25 | 30 | 72 | 6 | 35 | 29.57 | 30.49 | 22 | OVC | 050 | | | 10.00 | | 13 | -1 | 10 | 53 | 8 | 27 | 29.27 | 30.19 | |
| SUNRISE: 0741 DEC 16 | | | | | | SUNSET: 1711 | | | | | | SUNRISE: 0744 DEC 22 | | | | | | SUNSET: 1714 | | | | | | | | | | | |
| 01 | OVC | 041 | | | 7.00 | 29 | 26 | 28 | 89 | 8 | 33 | 29.62 | 30.54 | 01 | CLR | NC | | | 10.00 | | 8 | -5 | 6 | 55 | 15 | 25 | 29.34 | 30.27 | |
| 04 | OVC | 048 | | | 4.00 | 27 | 26 | 27 | 96 | 5 | 35 | 29.62 | 30.55 | 04 | OVC | 035 | | | 10.00 | | 7 | -3 | 5 | 63 | 15 | 26 | 29.43 | 30.37 | |
| 07 | OVC | 047 | | | 4.00 | 27 | 26 | 27 | 96 | 5 | 05 | 29.57 | 30.50 | 07 | OVC | 029 | | | 10.00 | | 6 | -2 | 5 | 69 | 7 | 24 | 29.51 | 30.46 | |
| 10 | OVC | 016 | | | 3.00 | 28 | 26 | 27 | 92 | 3 | 02 | 29.55 | 30.48 | 10 | BKN | 024 | | | 10.00 | | 8 | -0 | 6 | 70 | 8 | 23 | 29.58 | 30.54 | |
| 13 | OVC | 007 | | | 8.00 | 29 | 27 | 28 | 92 | 6 | 04 | 29.44 | 30.36 | 13 | FEW | 050 | | | 10.00 | | 17 | 3 | 14 | 54 | 7 | 29 | 29.58 | 30.53 | |
| 16 | OVC | 007 | | | 6.00 | 30 | 28 | 29 | 92 | 7 | 05 | 29.32 | 30.25 | 16 | CLR | NC | | | 10.00 | | 20 | 4 | 16 | 50 | 7 | 20 | 29.58 | 30.53 | |
| 19 | OVC | 005 | | | 2.00 | 31 | 31 | 31 | 100 | 5 | 36 | 29.26 | 30.19 | 19 | CLR | NC | | | 10.00 | | 16 | 4 | 13 | 59 | 0 | 00 | 29.62 | 30.58 | |
| 22 | OVC | 013 | | | 6.00 | 32 | 32 | 32 | 100 | 0 | 00 | 29.18 | 30.10 | 22 | CLR | NC | | | 10.00 | | 13 | 7 | 12 | 77 | 0 | 00 | 29.66 | 30.62 | |
| SUNRISE: 0741 DEC 17 | | | | | | SUNSET: 1711 | | | | | | SUNRISE: 0744 DEC 23 | | | | | | SUNSET: 1714 | | | | | | | | | | | |
| 01 | OVC | 003 | | | 4.00 | 33 | 33 | 33 | 100 | 8 | 18 | 29.14 | 30.06 | 01 | CLR | NC | | | 10.00 | | 12 | 8 | 11 | 84 | 0 | 00 | 29.67 | 30.63 | |
| 04 | OVC | 001 | | | 0.50 | 35 | 35 | 35 | 100 | 0 | 00 | 29.15 | 30.07 | 04 | BKN | 110 | | | 10.00 | | 14 | 8 | 13 | 77 | 3 | 11 | 29.63 | 30.58 | |
| 07 | OVC | 006 | | | 10.00 | 40 | 39 | 40 | 96 | 8 | 25 | 29.19 | 30.10 | 07 | CLR | NC | | | 10.00 | | 18 | 9 | 16 | 68 | 3 | 06 | 29.56 | 30.51 | |
| 10 | OVC | 008 | | | 10.00 | 37 | 36 | 37 | 96 | 3 | 28 | 29.28 | 30.20 | 10 | BKN | 100 | | | 10.00 | | 20 | 10 | 17 | 65 | 5 | 11 | 29.53 | 30.48 | |
| 13 | OVC | 008 | | | 10.00 | 38 | 36 | 37 | 93 | 6 | 32 | 29.29 | 30.21 | 13 | OVC | 075 | | | 10.00 | | 27 | 13 | 23 | 55 | 0 | 00 | 29.47 | 30.40 | |
| 16 | OVC | 007 | | | 4.00 | 36 | 35 | 36 | 96 | 5 | 33 | 29.33 | 30.24 | 16 | OVC | 065 | | | 10.00 | | 31 | 16 | 26 | 54 | 0 | 00 | 29.41 | 30.35 | |
| 19 | OVC | 007 | | | 4.00 | 35 | 34 | 35 | 96 | 0 | 00 | 29.38 | 30.30 | 19 | OVC | 050 | | | 10.00 | UP | 30 | 25 | 28 | 82 | 0 | 00 | 29.38 | 30.31 | |
| 22 | OVC | 010 | | | 0.75 | 34 | 34 | 34 | 100 | 3 | 35 | 29.39 | 30.30 | 22 | OVC | 095 | | | 10.00 | FZRA | 32 | 29 | 31 | 89 | 0 | 00 | 29.27 | 30.20 | |
| SUNRISE: 0742 DEC 18 | | | | | | SUNSET: 1712 | | | | | | SUNRISE: 0745 DEC 24 | | | | | | SUNSET: 1715 | | | | | | | | | | | |
| 01 | VV | 001 | | | 0.25 | 34 | 34 | 34 | 100 | 5 | 02 | 29.38 | 30.29 | 01 | OVC | 090 | | | 10.00 | | 38 | 28 | 34 | 67 | 9 | 19 | 29.26 | 30.18 | |
| 04 | VV | 001 | | | 0.25 | 34 | 34 | 34 | 100 | 0 | 00 | 29.37 | 30.28 | 04 | OVC | 090 | | | 8.00 | -RA | 42 | 35 | 39 | 76 | 7 | VR | 29.20 | 30.12 | |
| 07 | VV | 001 | | | 0.50 | 34 | 34 | 34 | 100 | 3 | 01 | 29.40 | 30.32 | 07 | OVC | 050 | | | 5.00 | -RA BR | 44 | 42 | 43 | 93 | 5 | 25 | 29.17 | 30.09 | |
| 10 | OVC | 001 | | | 0.25 | 34 | 34 | 34 | 100 | 0 | 00 | 29.41 | 30.33 | 10 | OVC | 055 | | | 2.50 | RA BR | 49 | 46 | 48 | 89 | 7 | 16 | 29.14 | 30.05 | |
| 13 | OVC | 001 | | | 0.75 | 37 | 37 | 37 | 100 | 5 | 22 | 29.36 | 30.28 | 13 | OVC | 090 | | | 10.00 | | 53 | 49 | 51 | 86 | 7 | 18 | 28.99 | 29.88 | |
| 16 | OVC | 005 | | | 9.00 | 40 | 39 | 40 | 96 | 3 | 23 | 29.34 | 30.25 | 16 | OVC | 055 | | | 4.00 | RA BR | 59 | 55 | 57 | 87 | 16 | 21 | 28.96 | 29.84 | |
| 19 | OVC | 005 | | | 5.00 | 39 | 39 | 39 | 100 | 0 | 00 | 29.36 | 30.27 | 19 | OVC | 090 | | | 10.00 | | 56 | 49 | 52 | 78 | 16 | 28 | 29.08 | 29.98 | |
| 22 | VV | 001 | | | 0.25 | 39 | 39 | 39 | 100 | 3 | 04 | 29.34 | 30.25 | 22 | CLR | NC | | | 10.00 | | 46 | 29 | 39 | 52 | 9 | 27 | 29.26 | 30.16 | |

OBSERVATIONS AT 3-HOURLY INTERVALS

| HOUR (LST) | SKY COVER | CEILING 100's of FT. | SATELLITE | | WEATHER | TEMPERATURE °F | | | WIND SPEED (MPH) DIRECTION Tens of Deg | PRESSURE (INCHES, HG) | | | | | | | |
|----------------------|-----------|-------------------------|---------------------------|----------------------|---------|-----------------------|----------|-----------|---|--------------------------|----------------------------|---------------------|--------------|--|--|--|--|
| | | | Observation Time (LST) | Eff Cld Amt Oktas | | VISIBILITY (MILES) | DRY BULB | DEW POINT | | WET BULB | RELATIVE HUMIDITY (PCT) | STATION | SEA LEVEL | | | | |
| | | | | | | | | | | | | | | | | | |
| SUNRISE: 0745 | | | | | | DEC 25 | | | | | | SUNSET: 1715 | | | | | |
| 01 | CLR | NC | | | 10.00 | 39 | 29 | 35 | 67 | 8 | 25 | 29.34 | 30.24 | | | | |
| 04 | CLR | NC | | | 10.00 | 36 | 27 | 33 | 70 | 8 | 27 | 29.38 | 30.29 | | | | |
| 07 | OVC | 025 | | | 10.00 | 32 | 26 | 30 | 79 | 6 | 31 | 29.47 | 30.38 | | | | |
| 10 | BKN | 023 | | | 10.00 | 34 | 25 | 31 | 70 | 6 | 33 | 29.52 | 30.44 | | | | |
| 13 | FEW | 023 | | | 10.00 | 37 | 26 | 33 | 65 | 0 | 00 | 29.50 | 30.42 | | | | |
| 16 | CLR | NC | | | 10.00 | 39 | 27 | 34 | 62 | 3 | 35 | 29.50 | 30.42 | | | | |
| 19 | CLR | NC | | | 10.00 | 34 | 24 | 30 | 67 | 5 | 06 | 29.52 | 30.45 | | | | |
| 22 | CLR | NC | | | 10.00 | 30 | 24 | 28 | 78 | 3 | 06 | 29.50 | 30.43 | | | | |
| SUNRISE: 0746 | | | | | | DEC 26 | | | | | | SUNSET: 1716 | | | | | |
| 01 | CLR | NC | | | 10.00 | 29 | 23 | 27 | 78 | 6 | 05 | 29.44 | 30.37 | | | | |
| 04 | CLR | NC | | | 9.00 | 26 | 23 | 25 | 88 | 0 | 00 | 29.38 | 30.29 | | | | |
| 07 | CLR | NC | | | 7.00 | 26 | 24 | 25 | 92 | 0 | 00 | 29.38 | 30.30 | | | | |
| 10 | OVC | 022 | | | 7.00 | 30 | 29 | 30 | 96 | 0 | 00 | 29.36 | 30.29 | | | | |
| 13 | OVC | 020 | | | 4.00 | 38 | 38 | 38 | 100 | 0 | 00 | 29.33 | 30.25 | | | | |
| 16 | OVC | 065 | | | 10.00 | 51 | 50 | 50 | 96 | 3 | 21 | 29.30 | 30.21 | | | | |
| 19 | SCT | 030 | | | 10.00 | 52 | 51 | 51 | 96 | 0 | 00 | 29.32 | 30.24 | | | | |
| 22 | CLR | NC | | | 10.00 | 50 | 50 | 50 | 100 | 0 | 00 | 29.32 | 30.23 | | | | |
| SUNRISE: 0746 | | | | | | DEC 27 | | | | | | SUNSET: 1717 | | | | | |
| 01 | CLR | NC | | | 10.00 | 51 | 49 | 50 | 93 | 0 | 00 | 29.30 | 30.21 | | | | |
| 04 | CLR | NC | | | 6.00 | 50 | 50 | 50 | 100 | 0 | 00 | 29.30 | 30.19 | | | | |
| 07 | CLR | NC | | | 10.00 | 52 | 49 | 50 | 90 | 3 | 21 | 29.28 | 30.18 | | | | |
| 10 | CLR | NC | | | 10.00 | 61 | 54 | 57 | 78 | 11 | 19 | 29.27 | 30.17 | | | | |
| 13 | CLR | NC | | | 10.00 | 70 | 55 | 61 | 59 | 15 | 19 | 29.20 | 30.09 | | | | |
| 16 | CLR | NC | | | 10.00 | 72 | 50 | 59 | 46 | 11 | 20 | 29.13 | 30.02 | | | | |
| 19 | CLR | NC | | | 10.00 | 67 | 49 | 57 | 53 | 8 | 19 | 29.11 | 30.00 | | | | |
| 22 | OVC | 070 | | | 10.00 | 65 | 49 | 56 | 56 | 7 | 18 | 29.08 | 29.96 | | | | |
| SUNRISE: 0746 | | | | | | DEC 28 | | | | | | SUNSET: 1717 | | | | | |
| 01 | CLR | NC | | | 10.00 | 65 | 48 | 56 | 54 | 15 | 19 | 29.02 | 29.89 | | | | |
| 04 | OVC | 070 | | | 9.00 | 63 | 50 | 56 | 63 | 16 | 19 | 29.01 | 29.88 | | | | |
| 07 | OVC | 033 | | | 4.00 | 55 | 52 | 53 | 90 | 22 | 27 | 29.04 | 29.92 | | | | |
| 10 | FEW | 095 | | | 10.00 | 48 | 32 | 41 | 54 | 20 | 25 | 29.24 | 30.13 | | | | |
| 13 | CLR | NC | | | 10.00 | 48 | 32 | 41 | 54 | 10 | 26 | 29.28 | 30.17 | | | | |
| 16 | CLR | NC | | | 10.00 | 48 | 29 | 40 | 48 | 8 | 27 | 29.28 | 30.17 | | | | |
| 19 | CLR | NC | | | 10.00 | 43 | 29 | 37 | 58 | 6 | 26 | 29.31 | 30.22 | | | | |
| 22 | CLR | NC | | | 10.00 | 38 | 29 | 34 | 70 | 0 | 00 | 29.28 | 30.19 | | | | |
| SUNRISE: 0747 | | | | | | DEC 29 | | | | | | SUNSET: 1718 | | | | | |
| 01 | CLR | NC | | | 10.00 | 32 | 28 | 30 | 85 | 0 | 00 | 29.30 | 30.21 | | | | |
| 04 | CLR | NC | | | 10.00 | 29 | 27 | 28 | 92 | 0 | 00 | 29.32 | 30.23 | | | | |
| 07 | CLR | NC | | | 9.00 | 26 | 25 | 26 | 96 | 5 | 19 | 29.33 | 30.24 | | | | |
| 10 | CLR | NC | | | 10.00 | 34 | 30 | 32 | 85 | 5 | 20 | 29.34 | 30.26 | | | | |
| 13 | CLR | NC | | | 10.00 | 45 | 24 | 37 | 44 | 10 | 21 | 29.25 | 30.16 | | | | |
| 16 | CLR | NC | | | 10.00 | 50 | 22 | 39 | 33 | 11 | 22 | 29.18 | 30.09 | | | | |
| 19 | CLR | NC | | | 10.00 | 46 | 23 | 37 | 40 | 9 | 21 | 29.14 | 30.06 | | | | |
| 22 | CLR | NC | | | 10.00 | 44 | 23 | 36 | 44 | 8 | 24 | 29.19 | 30.11 | | | | |
| SUNRISE: 0747 | | | | | | DEC 30 | | | | | | SUNSET: 1719 | | | | | |
| 01 | CLR | NC | | | 10.00 | 43 | 26 | 36 | 51 | 8 | 26 | 29.25 | 30.16 | | | | |
| 04 | CLR | NC | | | 10.00 | 38 | 29 | 34 | 70 | 5 | 31 | 29.28 | 30.19 | | | | |
| 07 | CLR | NC | | | 10.00 | 32 | 28 | 30 | 85 | 0 | 00 | 29.26 | 30.17 | | | | |
| 10 | CLR | NC | | | 10.00 | 37 | 30 | 34 | 76 | 0 | 00 | 29.26 | 30.17 | | | | |
| 13 | CLR | NC | | | 10.00 | 46 | 31 | 40 | 56 | 7 | VR | 29.14 | 30.05 | | | | |
| 16 | CLR | NC | | | 10.00 | 51 | 28 | 41 | 41 | 9 | 18 | 29.03 | 29.92 | | | | |
| 19 | CLR | NC | | | 10.00 | 49 | 26 | 39 | 41 | 8 | 17 | 28.89 | 29.79 | | | | |
| 22 | CLR | NC | | | 10.00 | 48 | 26 | 39 | 42 | 10 | 21 | 28.81 | 29.70 | | | | |

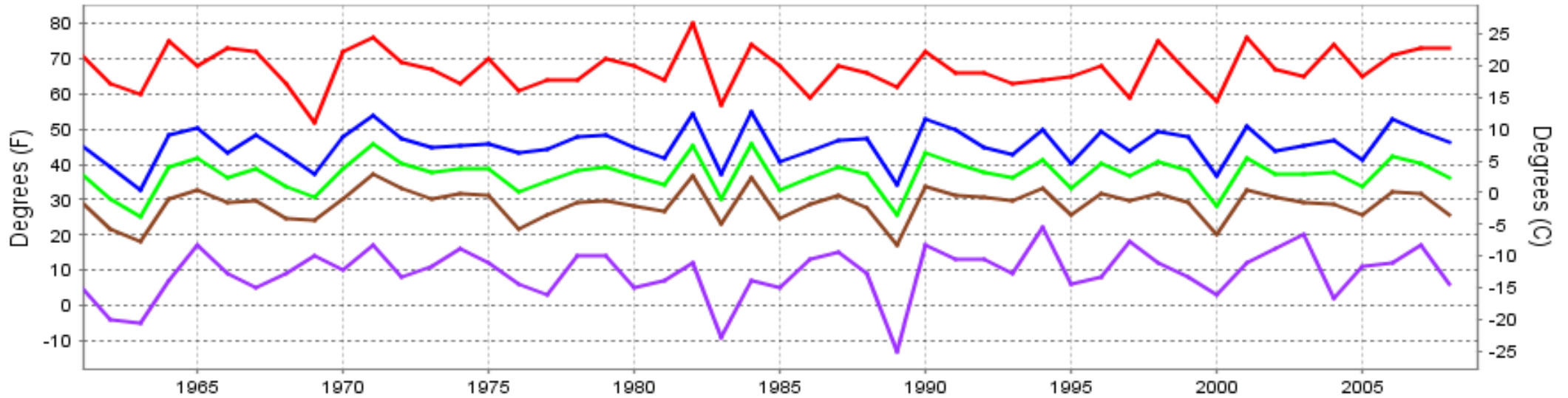
| HOUR (LST) | SKY COVER | CEILING 100's of FT. | SATELLITE | | WEATHER | TEMPERATURE °F | | | WIND SPEED (MPH) DIRECTION Tens of Deg | PRESSURE (INCHES, HG) | | | | | | | |
|----------------------|-----------|-------------------------|---------------------------|----------------------|---------|-----------------------|----------|-----------|---|--------------------------|----------------------------|---------------------|--------------|--|--|--|--|
| | | | Observation Time (LST) | Eff Cld Amt Oktas | | VISIBILITY (MILES) | DRY BULB | DEW POINT | | WET BULB | RELATIVE HUMIDITY (PCT) | STATION | SEA LEVEL | | | | |
| | | | | | | | | | | | | | | | | | |
| SUNRISE: 0747 | | | | | | DEC 31 | | | | | | SUNSET: 1719 | | | | | |
| 01 | CLR | NC | | | 10.00 | 51 | 27 | 41 | 39 | 15 | 24 | 28.78 | 29.67 | | | | |
| 04 | CLR | NC | | | 10.00 | 41 | 27 | 35 | 58 | 18 | 29 | 28.92 | 29.81 | | | | |
| 07 | OVC | 045 | | | 10.00 | 37 | 22 | 32 | 55 | 17 | 30 | 29.07 | 29.97 | | | | |
| 10 | OVC | 041 | | | 10.00 | 32 | 17 | 27 | 54 | 11 | 31 | 29.24 | 30.15 | | | | |
| 13 | BKN | 060 | | | 10.00 | 32 | 11 | 26 | 42 | 15 | 32 | 29.29 | 30.20 | | | | |
| 16 | SCT | 050 | | | 10.00 | 32 | 11 | 26 | 42 | 11 | 32 | 29.37 | 30.28 | | | | |
| 19 | CLR | NC | | | 10.00 | 26 | 10 | 21 | 51 | 7 | 32 | 29.43 | 30.35 | | | | |
| 22 | CLR | NC | | | 10.00 | 23 | 10 | 19 | 57 | 0 | 00 | 29.46 | 30.38 | | | | |

3-HOURLY OBSERVATION NOTES
 Sky Cover is the amount of the sky obscured. CLR or SKC = 0, FEW = 1/8-2/8, SCT = 3/8-4/8, BKN = 5/8-7/8, OVC = 8/8, W = Vertical Visibility = 8/8
 Ceiling is reported in hundreds of feet above ground level for clouds at or below 12,000 feet. NC = No Ceiling detected.
 & = Original observation contained additional weather elements.
 See page 3 for additional notes.

SUMMARY BY HOUR

| HOUR (LST) | AVERAGES | | | | | | | | RESULTANT WIND (MPH) | | | |
|------------|------------|-------------|----------|-----------|----------|-------------------|-----------------------|-----------|----------------------|-----------|---|----|
| | CEILOMETER | EFF CLD AMT | DRY BULB | DEW POINT | WET BULB | RELATIVE HUMIDITY | PRESSURE (Inches, HG) | | WIND SPEED (MPH) | DIRECTION | | |
| | | | | | | | STATION | SEA LEVEL | | | | |
| 01 | | | 35 | 28 | 32 | 77 | 29.20 | 30.11 | 8.08 | 6 | 3 | 24 |
| 02 | | | 35 | 28 | 33 | 78 | 29.20 | 30.11 | 8.65 | 7 | 3 | 24 |
| 03 | | | 35 | 28 | 32 | 79 | 29.21 | 30.12 | 8.78 | 6 | 4 | 25 |
| 04 | | | 34 | 28 | 32 | 82 | 29.21 | 30.12 | 7.99 | 6 | 4 | 24 |
| 05 | | | 33 | 28 | 31 | 83 | 29.21 | 30.12 | 8.29 | 5 | 3 | 24 |
| 06 | | | 33 | 28 | 31 | 84 | 29.22 | 30.13 | 8.01 | 6 | 4 | 25 |
| 07 | | | 33 | 28 | 31 | 84 | 29.23 | 30.14 | 8.21 | 6 | 4 | 25 |
| 08 | | | 33 | 28 | 31 | 83 | 29.24 | 30.15 | 8.42 | 5 | 4 | 24 |
| 09 | | | 34 | 28 | 32 | 81 | 29.25 | 30.17 | 7.83 | 6 | 4 | 25 |
| 10 | | | 36 | 29 | 33 | 77 | 29.26 | 30.18 | 8.05 | 7 | 4 | 25 |
| 11 | | | 37 | 29 | 34 | 74 | 29.26 | 30.17 | 8.51 | 6 | 4 | 24 |
| 12 | | | 38 | 29 | 35 | 72 | 29.25 | 30.16 | 8.02 | 8 | 4 | 25 |
| 13 | | | 40 | 29 | 36 | 70 | 29.23 | 30.14 | 8.37 | 8 | 5 | 25 |
| 14 | | | 41 | 29 | 36 | 67 | 29.21 | 30.12 | 8.27 | 8 | 4 | 25 |
| 15 | | | 42 | 29 | 37 | 65 | 29.20 | 30.11 | 8.31 | 9 | 4 | 25 |
| 16 | | | 41 | 29 | 36 | 65 | 29.21 | 30.12 | 8.47 | 8 | 3 | 25 |
| 17 | | | 40 | 29 | 36 | 67 | 29.22 | 30.13 | 8.27 | 8 | 4 | 25 |
| 18 | | | 39 | 29 | 35 | 69 | 29.22 | 30.13 | 8.94 | 7 | 3 | 25 |
| 19 | | | 38 | 28 | 35 | 70 | 29.22 | 30.14 | 8.61 | 6 | 4 | 24 |
| 20 | | | 38 | 28 | 34 | 70 | 29.23 | 30.14 | 9.10 | 6 | 2 | 24 |
| 21 | | | 37 | 28 | 33 | 73 | 29.23 | 30.14 | 8.69 | 6 | 3 | 24 |
| 22 | | | 36 | 28 | 32 | 75 | 29.23 | 30.15 | 8.39 | 4 | 3 | 24 |
| 23 | | | 35 | 28 | 32 | 76 | 29.23 | 30.14 | 8.13 | 5 | 3 | 24 |
| 24 | | | 35 | 28 | 32 | 77 | 29.23 | 30.15 | 8.20 | 6 | 3 | 24 |

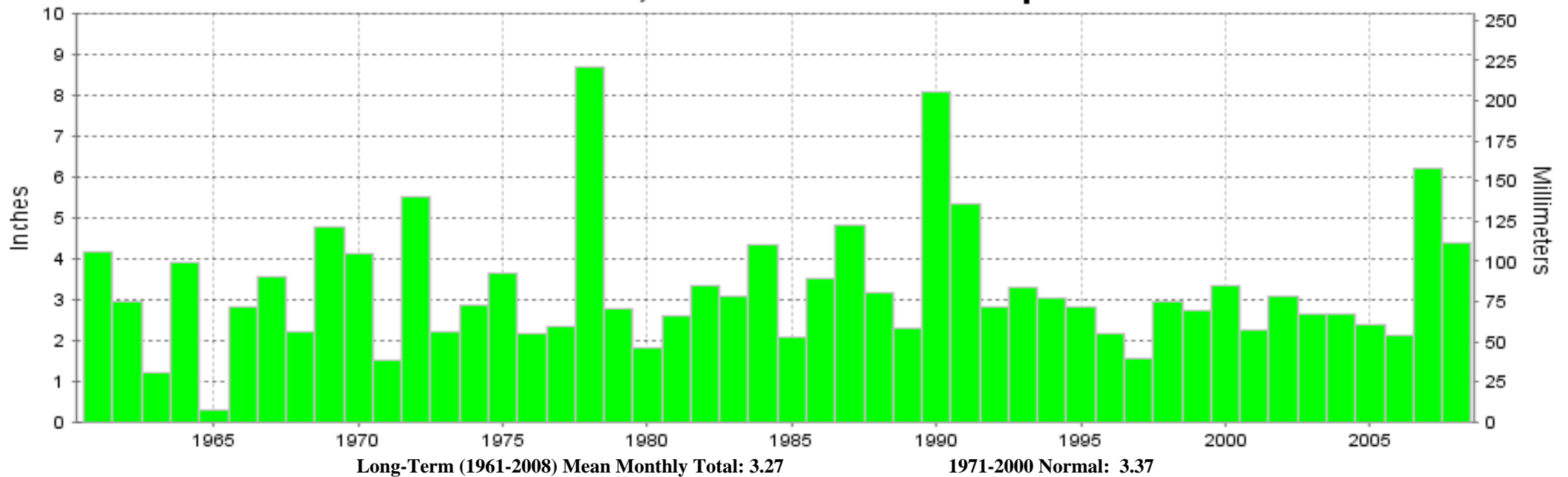
HUNTINGTON, WV DECEMBER Temperatures



— Extreme Max — Mean Max — Mean — Mean Min — Extreme Min

Long-Term (1961-2008) Mean: 37.2
1971-2000 Normal: 37.1

HUNTINGTON, WV DECEMBER Precipitation



Long-Term (1961-2008) Mean Monthly Total: 3.27

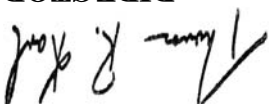
1971-2000 Normal: 3.37



**DECEMBER 2008
HUNTINGTON, WV**

**LOCAL CLIMATOLOGICAL DATA
NOAA, National Climatic Data Center**

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