



METRICS AVAILABLE FOR **HOURLY** WEATHER DATA

WEATHER STATION
OBSERVED, FORECAST or NORMAL
DATE and HOUR
TIME ZONE
TEMPERATURE °F
NORMAL TEMP. °F
HEAT INDEX °F
WIND CHILL °F
"FEELS-LIKE" TEMP. °F
WIND CHILL ENERGY, W/M^2
HIGHEST TEMP. °F
LOWESTEST TEMP. °F
DEW POINT TEMP. °F
NORMAL DEW POINT TEMP. °F
RELATIVE HUMIDITY %
NORMAL RELATIVE HUMIDITY %
WET BULB TEMP. °F
NORMAL WET BULB TEMP. °F
WIND DIRECTION (DEGREES)
WIND SPEED (MPH)
SPEED GUST (if any, MPH)
CLOUD COVER %
NORMAL CLOUD COVER %
CLOUD CEILING (x100-feet)
CLD COVER (TYPE)
COVERAGE, LOW %
COVERAGE, MIDDLE %
COVERAGE, HIGH %
VISIBILITY, MILES
SOLAR RADIANCE, W/M^2
SOLAR RADIANCE POSSIBLE, W/M^2
SOLAR RADIANCE, FT-CANDLES
SOLAR RADIANCE POSSIBLE, FT-CANDLES
SOLAR RADIANCE, MJ m-2 h-1
SOLAR RADIANCE POSSIBLE, MJ m-2 h-1
PERCENT SOLAR RADIANCE POSSIBLE
MINUTES of SUNSHINE (WBI calculated)
MINUTES of SUNSHINE (Total Possible)
PERCENT of SUNSHINE POSS. (calc/total possible)
SNOWFALL, METARS (inches)
SNOWFALL, LCD (inches)
SNOWFALL, CF6 (forced into hourly) (inches)
SNOWFALL, WBI (calculated) (inches)
NORMAL SNOWFALL, WBI (calculated) (inches)
WATER EQUIVALENT (inches)
NORMAL WATER EQUIVALENT (inches)
PRESSURE (millibars)
PRESSURE (inches)
WBI 2-DIGIT NUMERIC WEATHER CODE
WBI 2-4 ALPHA NUMERIC WEATHER CODE
WBI WEATHER TEXT



METRICS AVAILABLE FOR **DAILY** WEATHER DATA

WEATHER STATION
OBSERVED, FORECAST or NORMAL
DATE
TIME ZONE
HIGH TEMP. °F
HIGH TEMP. 30-YR 5th PERCENTILE (annually updated, 2006+)
HIGH TEMP. 30-YR 30th PERCENTILE (annually updated, 2006+)
HIGH TEMP. 30-YR 50th PERCENTILE (annually updated, 2006+)
HIGH TEMP. 30-YR 70th PERCENTILE (annually updated, 2006+)
HIGH TEMP. 30-YR 95th PERCENTILE (annually updated, 2006+)
LOW TEMP. °F
LOW TEMP. 30-YR 5th PERCENTILE (annually updated, 2006+)
LOW TEMP. 30-YR 30th PERCENTILE (annually updated, 2006+)
LOW TEMP. 30-YR 50th PERCENTILE (annually updated, 2006+)
LOW TEMP. 30-YR 70th PERCENTILE (annually updated, 2006+)
LOW TEMP. 30-YR 95th PERCENTILE (annually updated, 2006+)
AVG DAILY TEMP. (all hours) °F
AVG DAILY TEMP. (X/N)°F
NORMAL HIGH TEMP. °F
NORMAL LOW TEMP. °F
NORMAL AVG DAILY TEMP. (all hours) °F
NORMAL AVG DAILY TEMP. (X/N) °F
DFN HIGH TEMP. °F
DFN LOW TEMP. °F
DFN AVG DAILY TEMP. (all hours) °F
DFN AVG DAILY TEMP. (X/N) °F
WARMEST HEAT INDEX °F
COLDEST WIND CHILL °F
AVG HEAT INDEX TEMP. (all hours) °F
AVG HEAT INDEX TEMP. (X/N)°F
WARMEST WINDCHILL TEMP. °F
COLDEST WINDCHILL TEMP. °F
AVG DAILY WINDCHILL TEMP. (all hours) °F
MAXIMUM WIND CHILL ENERGY, W/M^2 (all hours)
MINIMUM WIND CHILL ENERGY, W/M^2 (all hours)
DAILY AVG WIND CHILL ENERGY, W/M^2 (all hours)
MAXIMUM FEELS LIKE TEMP. °F
MINIMUM FEELS LIKE TEMP. °F
DAILY AVG FEELS LIKE TEMP. (all hours) °F
EXT. MAX, WARM
YEAR EXT. MAX, WARM
EXT. MAX, COLD
YEAR EXT. MAX, COLD
EXT. MIN, WARM
YEAR EXT. MIN, WARM
EXT. MIN, COLD
YEAR EXT. MIN, COLD
HIGHEST DEW POINT TEMP. °F
LOWEST DEW POINT TEMP. °F
AVG DAILY DEW POINT TEMP. (all hours) °F

AVG DAILY DEW POINT TEMP. (X/N) °F
NORMAL HIGHEST DEW POINT TEMP. °F
NORMAL LOWEST DEW POINT TEMP. °F
NORMAL AVG DAILY DEW POINT TEMP. (all hours) °F
HIGHEST RELATIVE HUMIDITY %
LOWEST RELATIVE HUMIDITY %
AVG DAILY RELATIVE HUMIDITY (all hours) %
NORMAL HIGHEST RELATIVE HUMIDITY %
NORMAL LOWEST RELATIVE HUMIDITY %
NORMAL AVG DAILY RELATIVE HUMIDITY (all hours) %
HIGHEST WET BULB TEMP. °F
LOWEST WET BULB TEMP. °F
AVG DAILY WET BULB TEMP. (all hours) °F
NORMAL HIGHEST WET BULB TEMP. °F
NORMAL LOWEST WET BULB TEMP. °F
NORMAL AVG DAILY WET BULB TEMP. (all hours) °F
HEATING DEGREE DAYS (X/N), BASE of 65°F
NORMAL HEATING DEGREE DAYS (X/N), BASE of 65°F
DEPART. NORMAL, HDDs from X/N, BASE of 65°F
HEATING DEGREE DAYS (all hours), BASE of 65°F
NORMAL HDDs (all hours), BASE of 65°F
DEPART. NORMAL, HDDs (all hours), BASE of 65°F
COOLING DEGREE DAYS (X/N), BASE of 65°F
NORMAL COOLING DEGREE DAYS (X/N), BASE of 65°F
DEPART. NORMAL, CDDs from X/N, BASE of 65°F
COOLING DEGREE DAYS (all hours), BASE of 65°F
NORMAL CDDs (all hours), BASE of 65°F
DEPART. NORMAL, CDDs (all hours), BASE of 65°F
EFFECTIVE DEGREE DAYS (X/N), BASE of 65°F
NORMAL EFFECTIVE DEGREE DAYS (X/N), BASE of 65°F
DEPART. NORMAL, EDDs from X/N, BASE of 65°F
EFFECTIVE DEGREE DAYS (all hours), BASE of 65°F
NORMAL EDDs (all hours), BASE of 65°F
DEPART. NORMAL, EDDs (all hours), BASE of 65°F
GROWING DEGREE DAYS (X/N), BASE of 50°F
NORMAL GROWING DEGREE DAYS (X/N), BASE of 50°F
GROWING DEGREE DAYS (all hours), BASE of 50°F
NORMAL GROWING DEGREE DAYS (all hours), BASE of 50°F
AVG DAILY SOIL TEMP. (WBI CALC.) °F
FREEZING DEGREE DAYS (X/N), BASE of 32°F
NORMAL FREEZING DEGREE DAYS (X/N), BASE of 32°F
HIGHEST SUSTAIN SPEED, MPH
LOWEST SUSTAIN SPEED, MPH
AVG DAILY WIND SPEED (all hours) MPH
PREDOMINATE WIND DIR, DEG
NORMAL PREDOMINATE WIND DIR, DEG
NORMAL AVG DAILY WIND SPEED (all hours) MPH
HIGHEST WIND GUST, MPH
AVG DAILY CLOUD COVER (all hours) %
NORMAL AVG DAILY CLOUD COVER (all hours) %
AVG VISIBILITY (all hours) MILES
MAXIMUM SOLAR RADIANCE, W/M^2
MINIMUM SOLAR RADIANCE, W/M^2
AVG SOLAR RADIANCE (all hours), W/M^2
TOTAL SOLAR RADIANCE (all hours), W/M^2
POSSIBLE RADIANCE, W/M^2
MAXIMUM SOLAR RADIANCE, FT-CANDLES
MINIMUM SOLAR RADIANCE, FT-CANDLES

AVG SOLAR RADIANCE (all hours), FT-CANDLES
TOTAL SOLAR RADIANCE (all hours), FT-CANDLES
POSSIBLE RADIANCE, FT-CANDLES
MAXIMUM SOLAR RADIANCE, MJ m-2 h-1
MINIMUM SOLAR RADIANCE, MJ m-2 h-1
AVG SOLAR RADIANCE (all hours), MJ m-2 h-1
TOTAL SOLAR RADIANCE (all hours), MJ m-2 h-1
POSSIBLE RADIANCE, MJ m-2 h-1
PERCENT OF POSSIBLE RADIANCE
TOTAL MINUTES of SUNSHINE (calculated)
TOTAL MINUTES of SUNSHINE (if observed)
NORMAL TOT MIN of SUNSHINE POSSIBLE (on cloud-free day)
PERCENT of SUNSHINE (calc/total possible)
SUNRISE (local AM)
SUNSET (local PM)
OBSERVED DAILY WATER EQUIVALENT (inches)
NORMAL TOTAL DAILY WATER EQUIVALENT (inches)
EXT. OBSERVED DAILY WATER EQUIVALENT (inches)
YEAR EXT OBSERVED DAILY WATER EQUIVALENT
DFN TOTAL PRECIP. (inches)
PERCENT of NORMAL DAILY WATER EQUIVALENT
AVG POPs on FCST DATA, or, % of DAY with PRECIP.
CALENDAR DAY, TOTAL HOURS of PRECIP.
SNOWFALL (DAILY): METAR (inches)
SNOWFALL (DAILY): SUM of DAY (inches)
SNOWFALL (DAILY): RTP (inches)
SNOWFALL (DAILY): NWS CF6 REPORT
NORMAL SNOWFALL, WBI (calculated; sum of all hours) (inches)
SNOWFALL, WBI (calculated; sum of all hours) (inches)
EXT. SNOWFALL, WBI (calculated; sum of all hours) (inches)
YEAR EXT. SNOWFALL, WBI (calculated; sum of all hours)
SNOW on GROUND: RTP (inches)
SNOW on GROUND: SUM of DAY (inches)
SNOW on GROUND: METAR (inches)
SNOW on GROUND: NWS CF6 REPORT
HIGHEST PRESSURE (all hours, inches)
LOWEST PRESSURE (all hours, inches)
AVG DAILY PRESSURE (all hours, inches)
HIGHEST PRESSURE (all hours, millibars, if reported)
LOWEST PRESSURE (all hours, millibars, if reported)
AVG DAILY PRESSURE (all hours, millibars, if reported)
WBI 2-DIGIT PREDOMINATE WEATHER (all hours, 0-65)
WBI 2-4 LETTER CODE (all hours)
PREDOMINATE WEATHER TEXT (all hours)