

## Description of the TMY files associated with each CWEEDS files

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The following table gives a brief description of each file using Moncton NB as the example location. All the others follow a similar format and file extensions.

The files with “CWECC” in the name correspond to the TMY (typical meteorological year) file generated from the associated CWEEDS file using the standard element weighting appropriate for building energy use (weightings are shared between temperature, humidity, wind speed and solar radiation).

The files with “TDY” in the name correspond to the TMY (typical meteorological year) file generated from the associated CWEEDS file using the standard element weighting appropriate for concentrating solar energy systems (100% of the weighting is based on direct normal solar radiation).

File Name	Description
CAN_NB_MONCTON-INTL-A_8103201_CWEC.WY3	One year of hourly data in the WY3 fixed column format
Listing_CWEC_8103201.txt	Summary information generated by the TMY software indicating the element weightings and related information
CAN_NB_MONCTON-INTL-A_8103201_CWEC.epw	Hourly data reformatted in csv format by the EnergyPlus weather utility
CAN_NB_MONCTON-INTL-A_8103201_CWEC.audit	Various diagnostic and summary information generated by the EnergyPlus weather utility
CAN_NB_MONCTON-INTL-A_8103201_CWEC.ddy	ASHRAE design data for the location, if available generated by the EnergyPlus weather utility
CAN_NB_MONCTON-INTL-A_8103201_CWEC.stat	Summary statistics of the weather data generated by the EnergyPlus weather utility
CAN_NB_MONCTON-INTL-A_8103201_TDY.WY3	One year of hourly data in the WY3 fixed column format
Listing_TDY_8103201.txt	Summary information generated by the TMY software indicating the element weightings and related information
CAN_NB_MONCTON-INTL-A_8103201_TDY.epw	Hourly data reformatted in csv format by the EnergyPlus weather utility
CAN_NB_MONCTON-INTL-A_8103201_TDY.audit	Various diagnostic and summary information generated by the EnergyPlus weather utility
CAN_NB_MONCTON-INTL-A_8103201_TDY.ddy	ASHRAE design data for the location, if available generated by the EnergyPlus weather utility
CAN_NB_MONCTON-INTL-A_8103201_TDY.stat	Summary statistics of the weather data generated by the EnergyPlus weather utility