

ASHRAE Technical FAQ

ID 63

Question Where can I find weather data sources for energy modeling?

The most commonly used sources of energy modeling weather data are:

* TMY2 - 239 U.S. Locations. Available from http://rredc.nrel.gov/solar/old_data/nsrdb/1961-1990/tmy2. This website also has a good discussion of TMY2 vs. TMY data. [RReDC](#) - Renewable Resource Data Center

* CWEC - 80 Canadian Locations Available from <http://climate.weather.gc.ca/>.

* IWEC - 3012 International Locations New and available from ASHRAE as the [ASHRAE IWEC 2.0 DVD](#).

Answer

* [ASHRAE Global Weather Data Source Locator Website](#)
This web page provides the ASHRAE membership with access to information about major sources of U.S. and International weather data that may be useful in HVAC applications. Users can select their country of interest from a map or country list, choose the type of climate data they are interested in, and then receive a list of data sources along with information on how to obtain that data. Look under the FAQ section of the [ASHRAE TC 4.2 web page](#) for the entry to access the global weather data website.

The ASHRAE publications may be purchased on-line at our website, www.ashrae.org or by calling 1-800-527-4723 in the USA and Canada or 1-404-636-8400 worldwide.

ASHRAE Pubs [ASHRAE IWEC 2.0 DVD](#)

Topic References energy modeling weather data sources

	Cognizant ASHRAE Committees	Refer to Organization
1	TC 4.7	Environment Canada
2	TC 4.2	RReDC
3		
4		
5		