Cooling Degree Days (CDD) represent the annual required cooling degrees for an average household. The value is computed by taking the sum of the daily humidity-adjusted temperature in excess of 21.1°C over a year in a given region.

Heating Degree Days (HDD) represent the annual required heating degrees for an average household. The value is computed by taking the sum of the daily humidity-adjusted temperature less than 18.3°C over a year in a given region.

Figure 1. Humidity adjusted cooling and heating degree days in regions of Saudi Arabia.

Source: Author’s Calculation

References:


The dataset can be accessed here.


The dataset can be accessed here.