

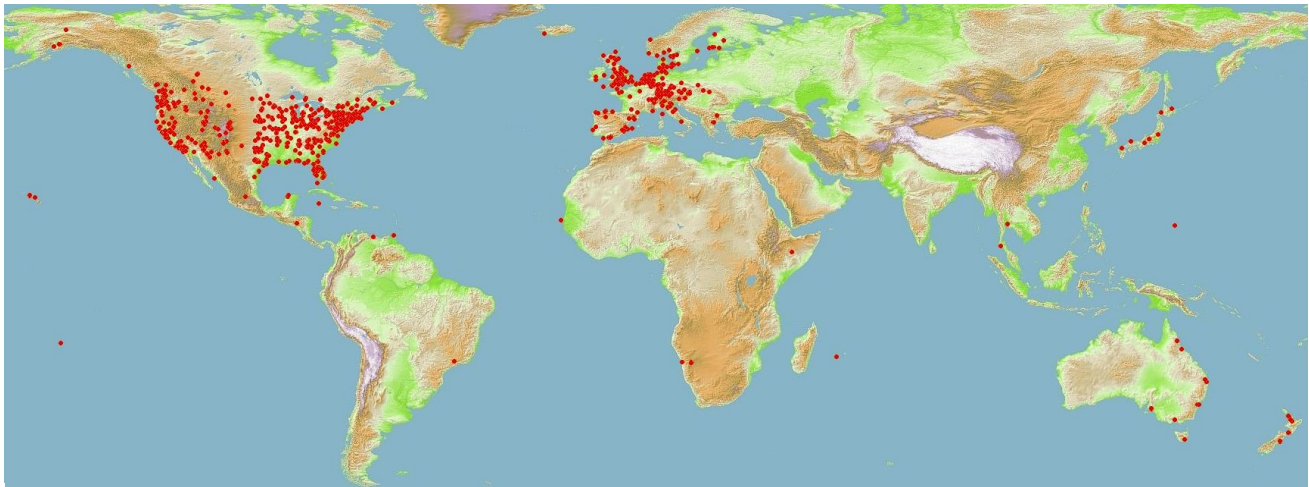
## Solar Radiation Data from Citizen Surface Stations Worldwide

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Since mid-February, 2009, downwelling solar radiation data from nearly one thousand surface stations, owned and operated by citizens worldwide, have been collected in an online database. The station locations are shown in Figure 1 below. The quality of these data are not well known and have not been studied. This presentation will give the results of a preliminary study on the comparison of some of these data with data from regularly calibrated NOAA Surface Radiation stations at seven sites around the country. More details are given at [http://www.wxqa.com/lum\\_search.htm](http://www.wxqa.com/lum_search.htm)



**Figure 1.** Locations of citizen surface stations contributing solar radiation data.