# Instructions for using the Solar radiation GIS tool

1. Access the EC Solar Radiation Tool at the following link: https://re.jrc.ec.europa.eu/pvg_tools/en/#MR

2. Type your address/location in the address bar

3. Select the monthly data tab. Under monthly irradiation data, you can select a 12 month period to get solar radiation data. Check the Global Horizontal irradiation box. Select visualise results or download directly to CSV.file
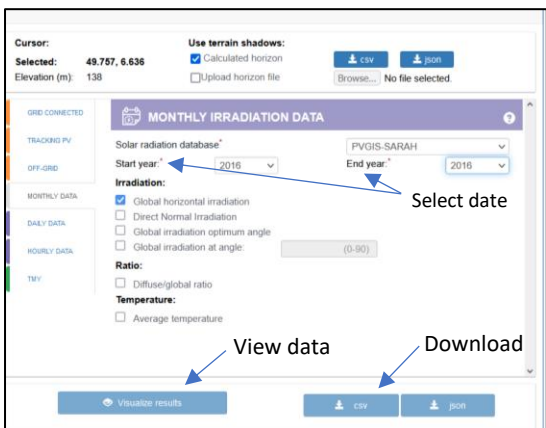
Sample CV.file data
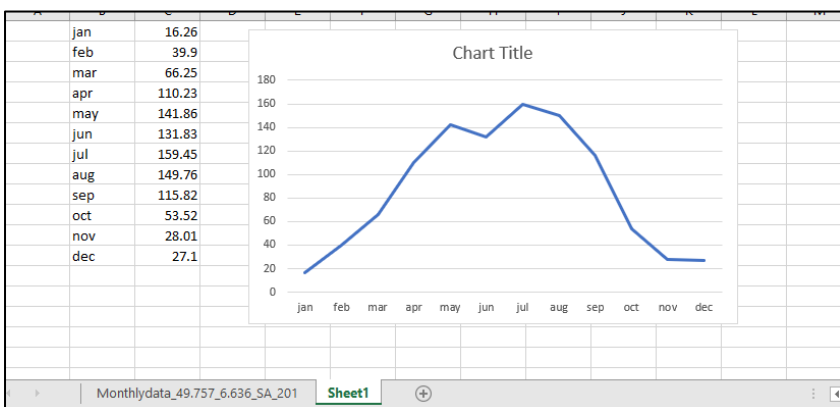
4. Create a table that looks like this and copy the the values from the csv.file into it.

	Monthly kWh/m^2 (CSV data)	Monthly kWh/m^2 (School Utility Bill)
January		
February		
March		
April		
May		
June		
July		
August		
September		
October		
November		
December		

Activity 9.2 Sample Table

Month	Solar radiation data (kWh/m²)	Utility bill data (kWh)	Commercial Solar panel max output (W) @ 15-20% efficiency
January			
February			
March			
April			
May			
June			
July			
August			
September			
October			
November			
December			