

## Sunshine in my neighbourhood

Name: \_\_\_\_\_

The amount of daylight (and sunshine) is different each day of the year in a particular location. It also varies between locations. Summer days have more daylight than winter days. This is important to consider when thinking about where to build solar panel power generators.

Go to the Bureau of Meteorology website [www.bom.gov.au](http://www.bom.gov.au), use its search facility to download the 'Annual average daily sunshine hours' map and investigate the following:

Location that averages the <b>most</b> daylight hours – Annually	
Location that averages the <b>most</b> daylight hours – January	
Location that averages the <b>most</b> daylight hours – July	
Location that averages the <b>least</b> daylight hours – Annually	
Location that averages the <b>least</b> daylight hours – January	
Location that averages the <b>least</b> daylight hours – July	

From your investigations name three places in Australia that would be good locations for solar panel power generators and three that would not.

### Good locations

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### Bad locations

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Now investigate the information for where you live.

Where I live: \_\_\_\_\_

Average daily sunshine hours – Annually	
Average daily sunshine hours – January	
Average daily sunshine hours – July	

Would your location be suitable for a solar panel power generator? Why or why not?

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