

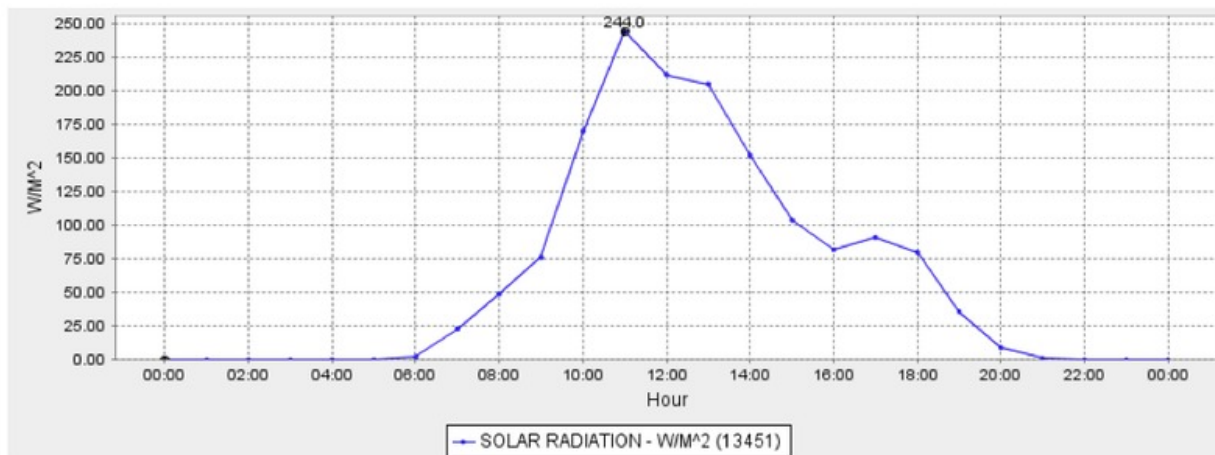
F-IF How is the Weather?

Task

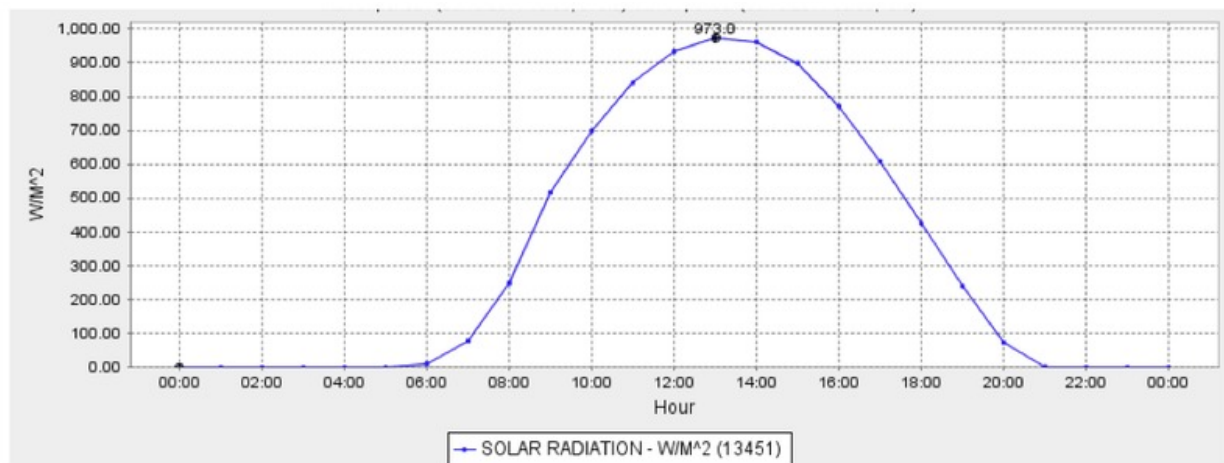
Given below are three graphs that show solar radiation, S , in watts per square meter, as a function of time, t , in hours since midnight. We can think about this quantity as the maximum amount of power that a solar panel can absorb, which tells us how intense the sunshine is at any given time. Match each graph to the corresponding description of the weather during the day.

- It was a beautifully sunny day from sunrise to sunset – not a cloud in the sky.
- The day started off foggy but eventually the fog lifted and it was sunny the rest of the day.
- It was a pretty gloomy day. The morning fog never really lifted.

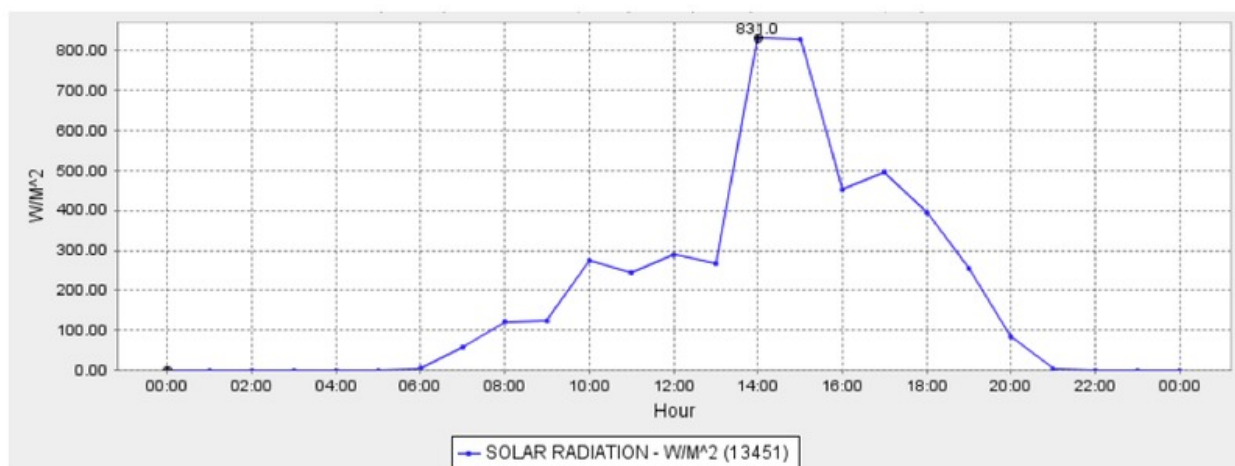
1.



2.



3.



All three graphs show solar radiation measured in Santa Rosa, a city in northern California. What other information can you get from the graph?



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