



AURORA BOREALIS



NORTHERN LIGHTS





<https://vimeo.com/29568236>

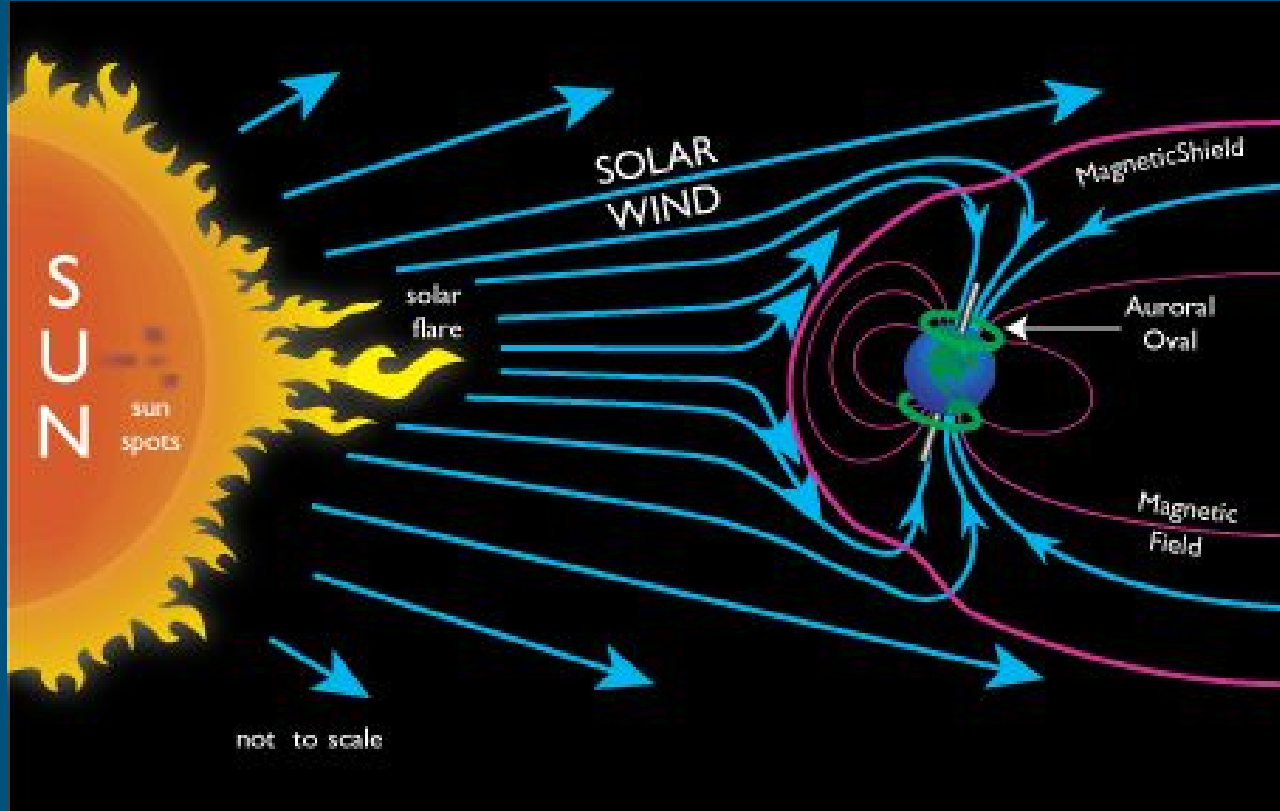
# What is the Aurora Borealis?

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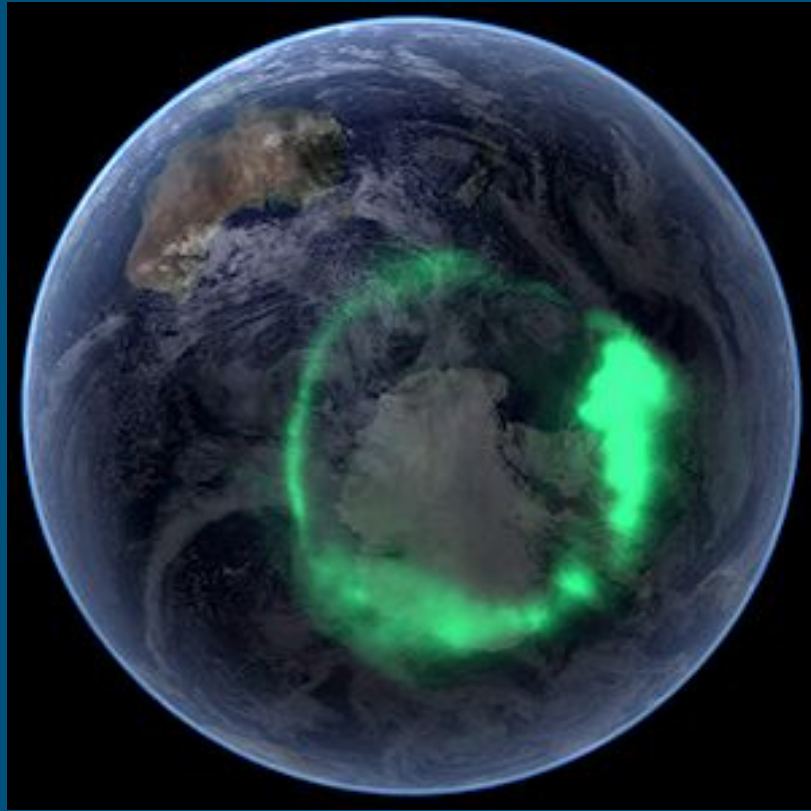
- an incredible light show
- it's caused by collisions between electrically charged particles released from the sun that enter the earth's atmosphere and collide with gases (oxygen and nitrogen)



- When the charged particles are blown towards the earth by the solar wind, they are largely deflected by the earth's magnetic field. However, the earth's magnetic field is weaker at either pole and therefore some particles enter earth's atmosphere and collide with gas particles.



- appears in many colours
- green is the most common
- red, yellow, blue and violet are also seen
- they can appear in many forms
- appear out of nowhere
- sky have to be cloudless





- winter is the good season to view lights
- the best time between 10 pm to 2 am
- <http://www.ruutu.fi/video/1061015>