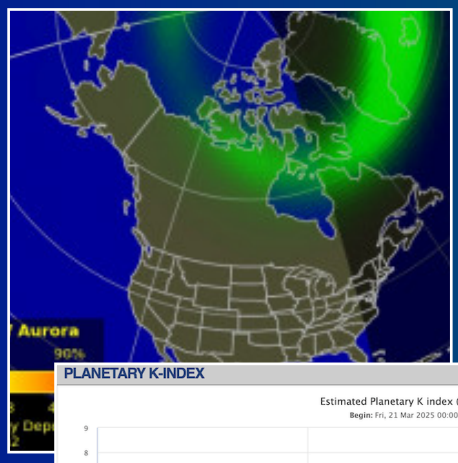
Space Weather Observing Program

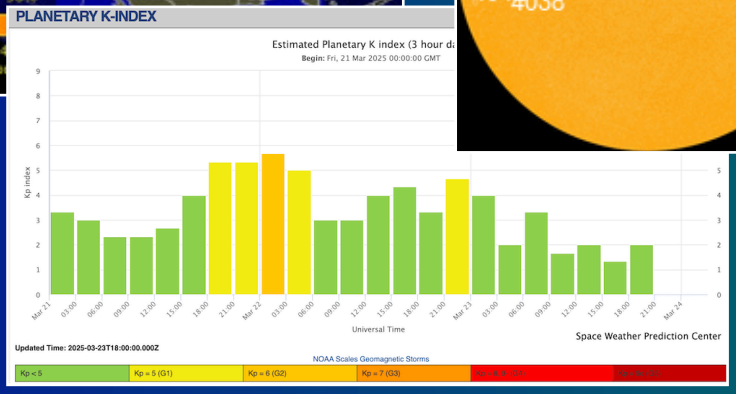
The solar wind greatly affects Earth's magnetic field and those effects can be measured using an inexpensive home-made magnetometer.

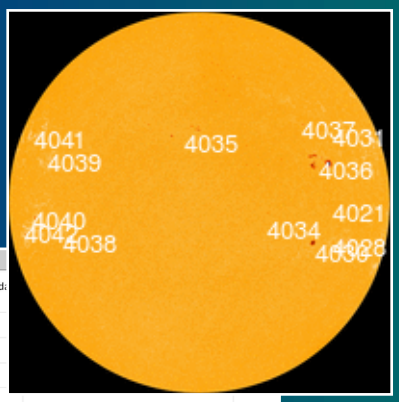
Space Weather Observing Program

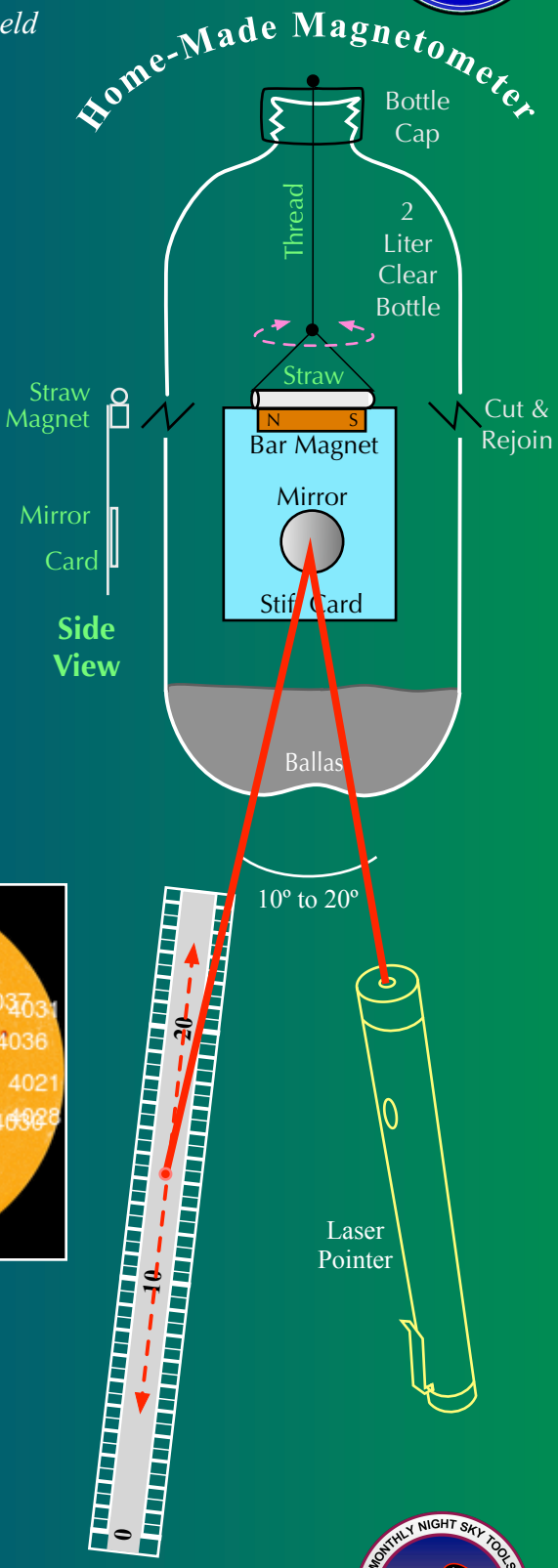
- Construct and use your own magnetometer.
- Do a minimum of 100 observations on at least 100 different days.
- Note the location on the meter (or yard) stick where the reflected laser spot is located.
- The 2 liter magnetometer, the laser, and the measuring stick must be located where they will not be disturbed during the program.

- Compare your data with NASA's Planetary K-Index.
- Note sunspot activity as found on Spaceweather.com.
- Note auroral activity as found on Spaceweather.com.









For complete details on this fascinating program:
https://www.astroleague.org/space-weather-observing-program/

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