Lab 22: sky: space weather

Who cares?

- Ionosphere
- Solar radiation
- Solar cycles
- Day/night variations
- Reflection of radio waves: wavelength

Challenges:

1. Look up the ionosphere: where is it?
2. What is it made of?
3. Why does it change from day to night?
4. How can people on the mainland hear radio stations far away only at night?
5. How is it important to radio waves?
6. Look up 40meter.net and look at the line across the graph: what does this mean?
7. How could this impact your internet speed?
8. Why do the starlink folks care about this?
9. What is a solar flare and how does this impact the ionosphere?

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