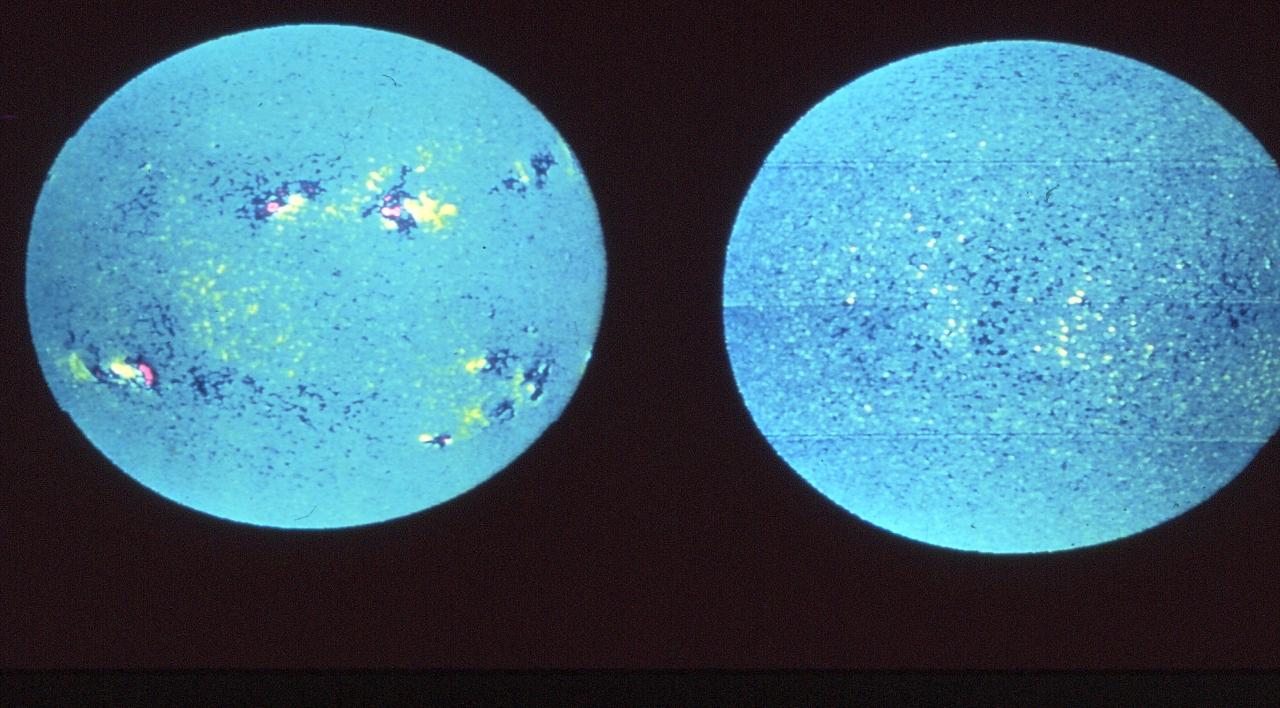
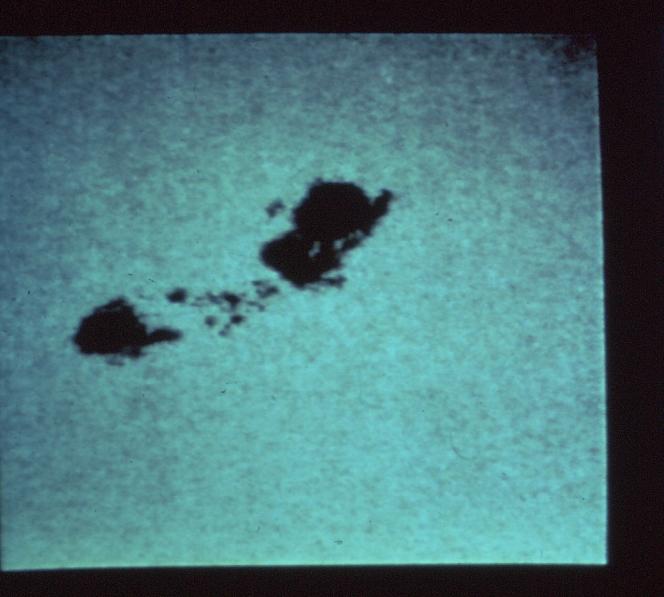
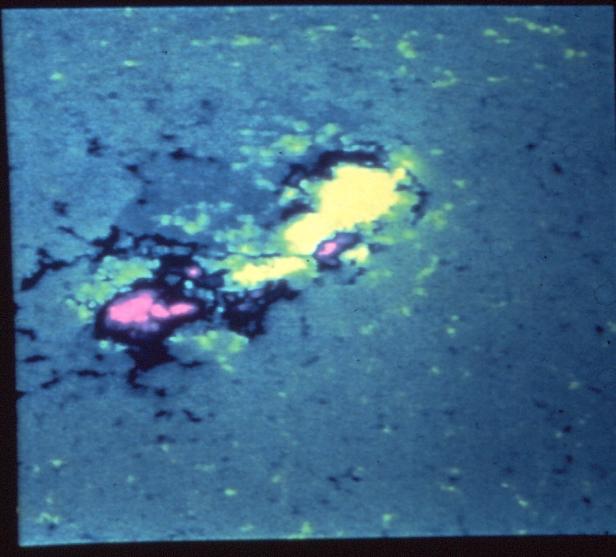
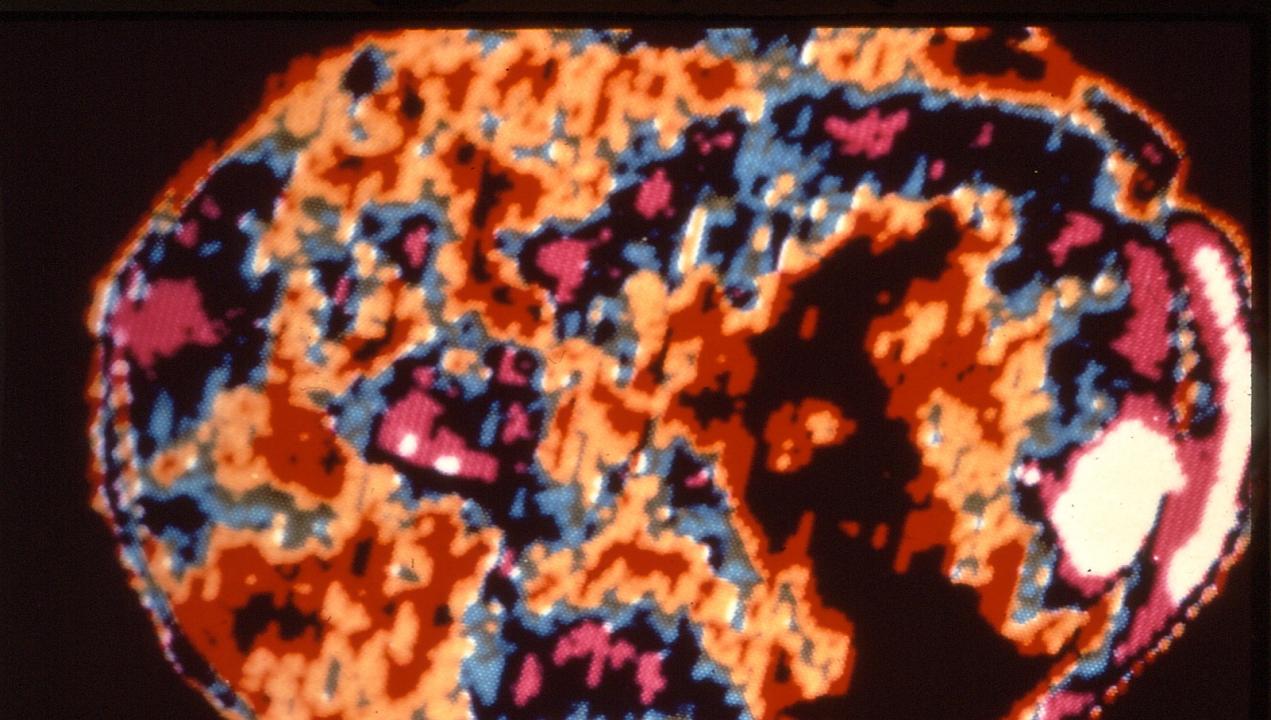
Evolution of the Earth System

- History of the universe
- Role of the sun in the climate system
- Continental drift
- Volcanic emissions versus present atmospheric composition



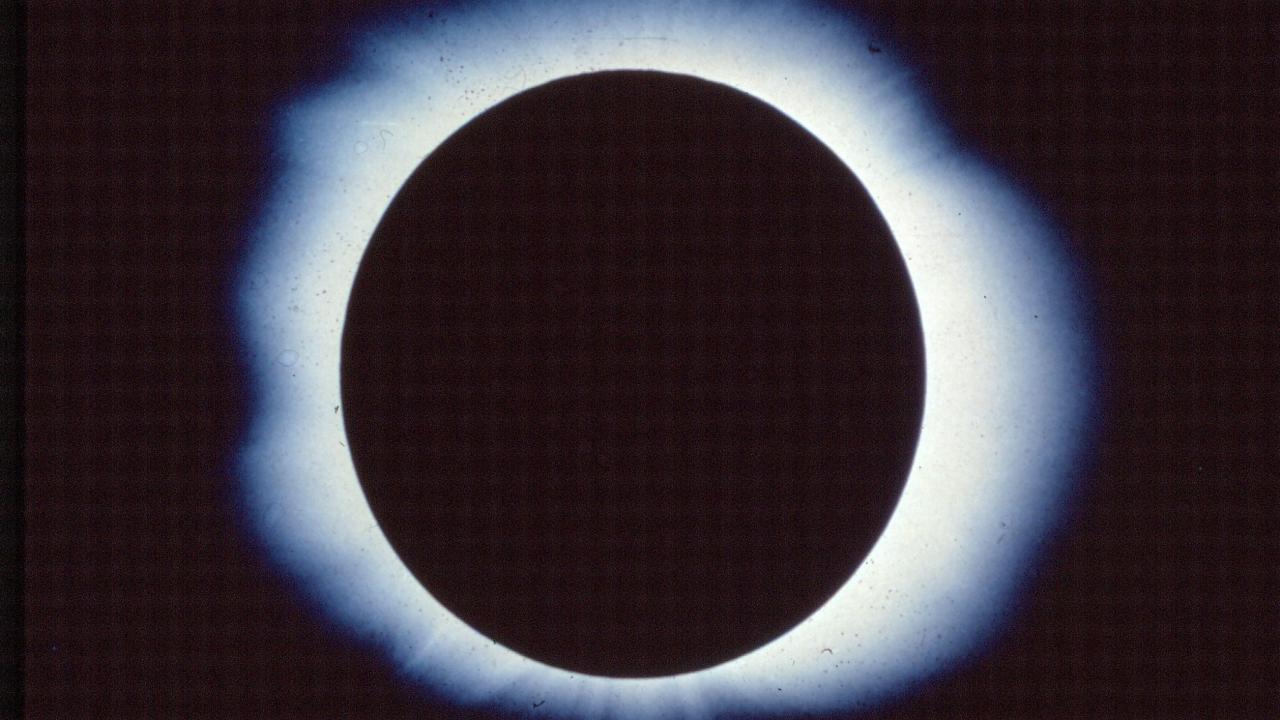












In one of nature's most elusive displays, a green flash caps the solar disk as the atmosphere scatters last light over a Norwegian woods. If predictions of extreme PER-ANDRE HOFFMAN

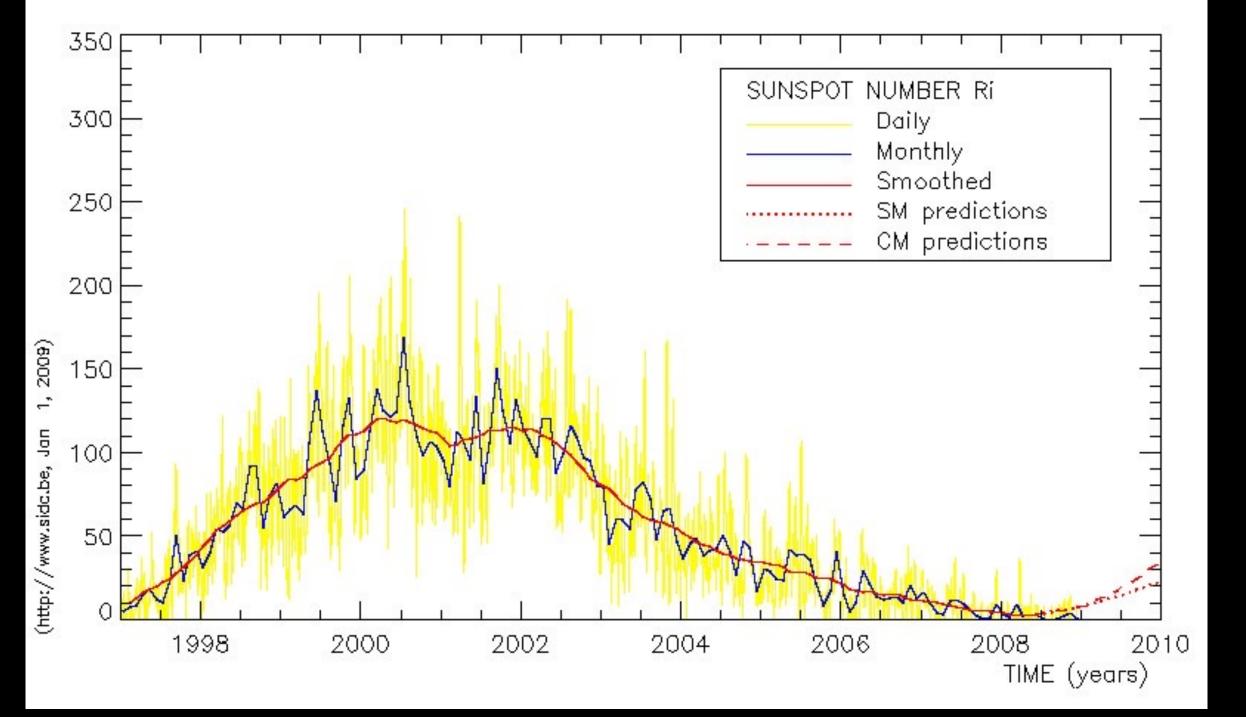


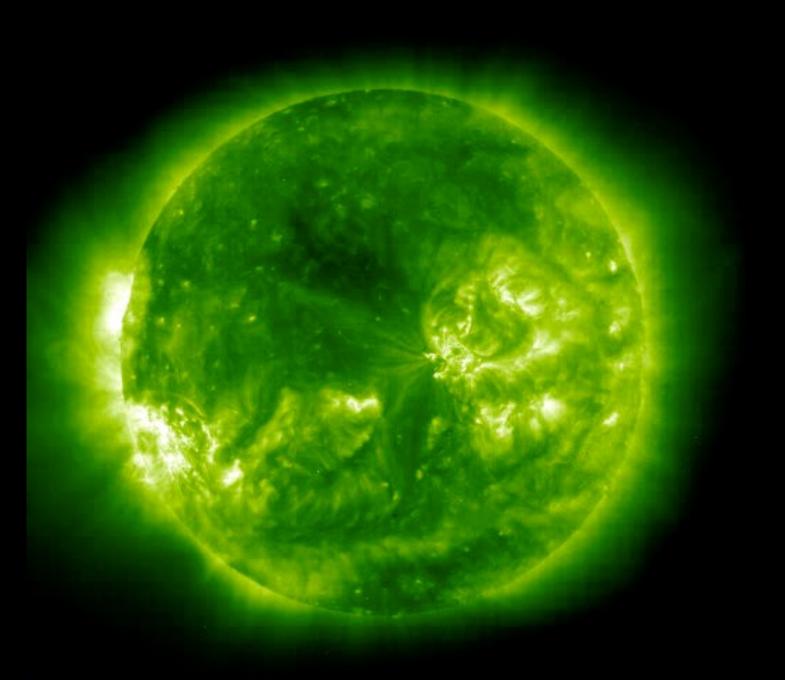




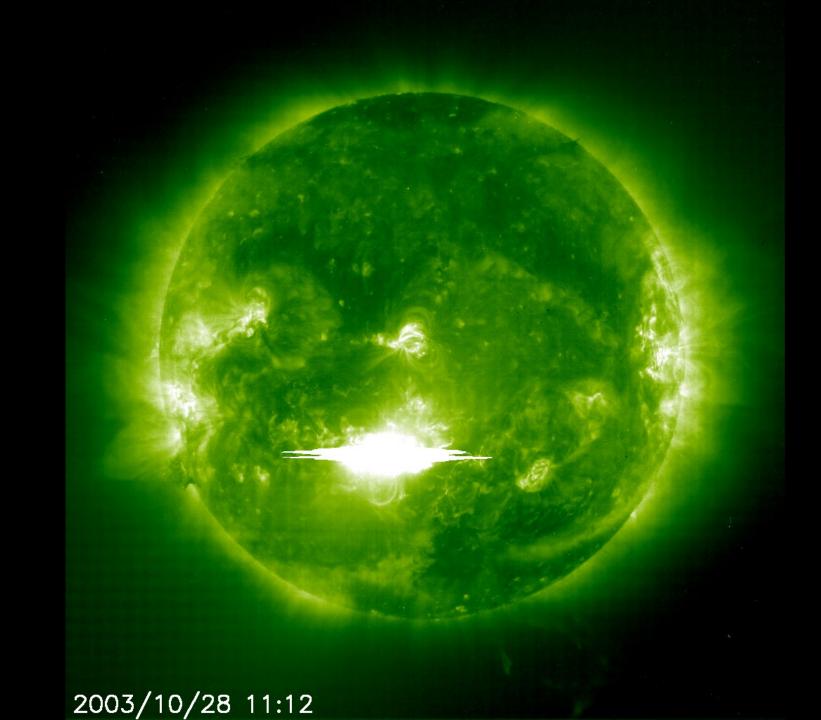




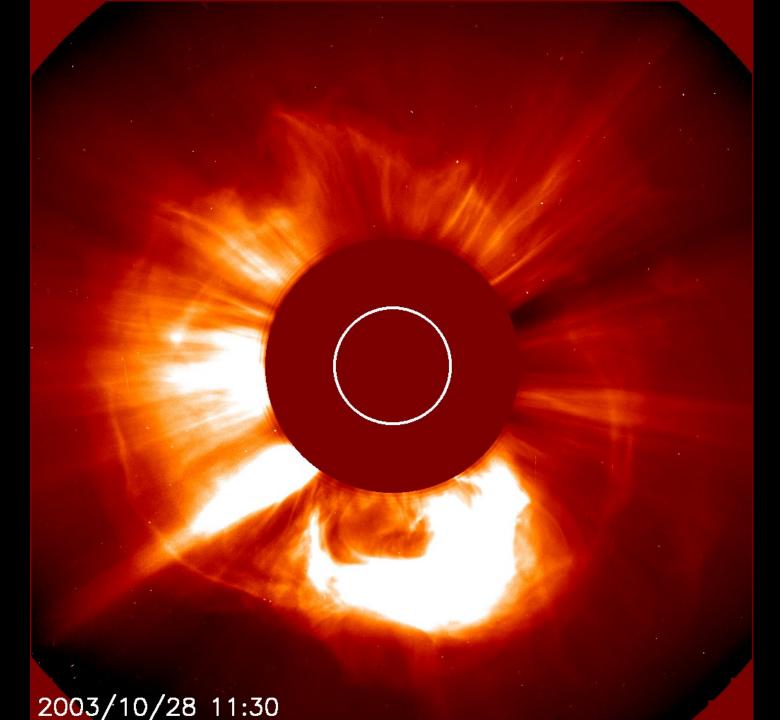




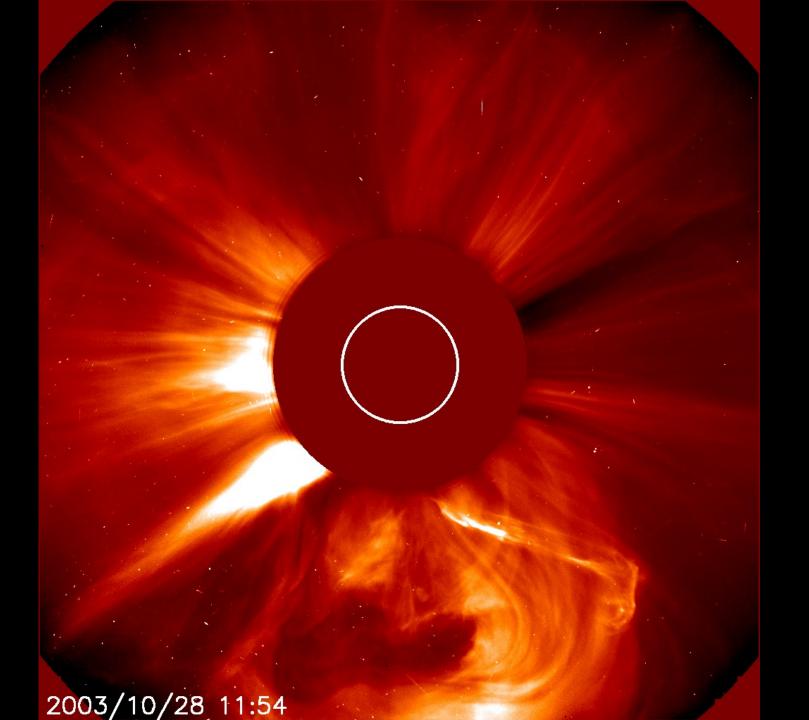
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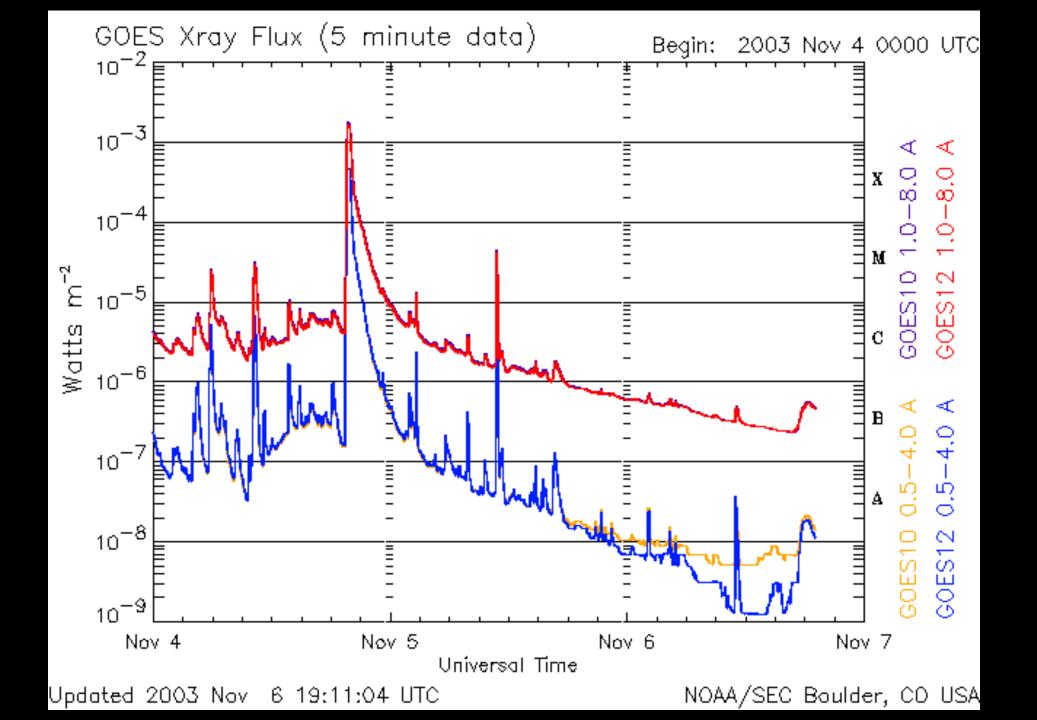
SOHO Solar Heliospheric Observatory

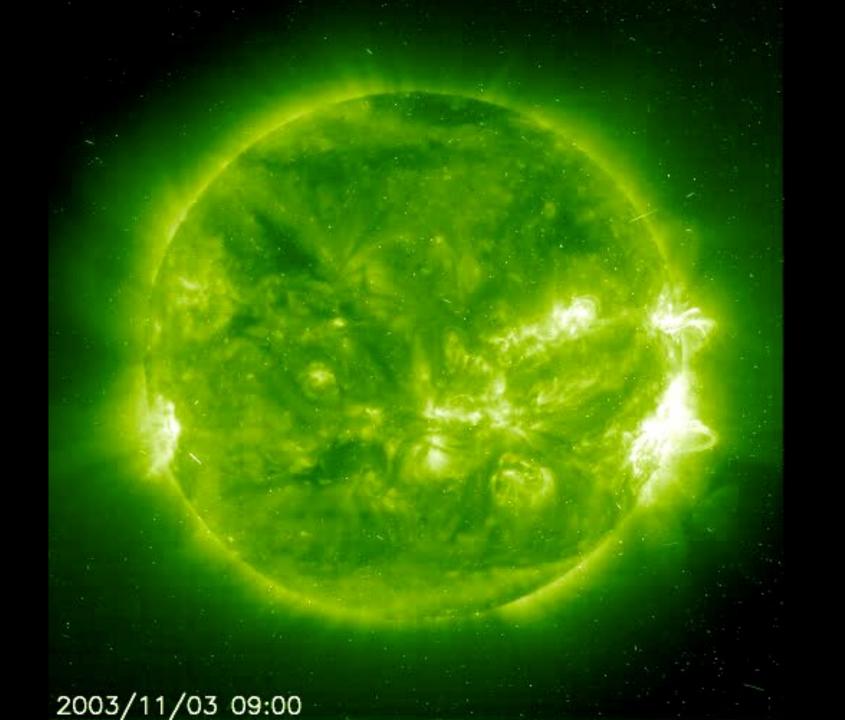


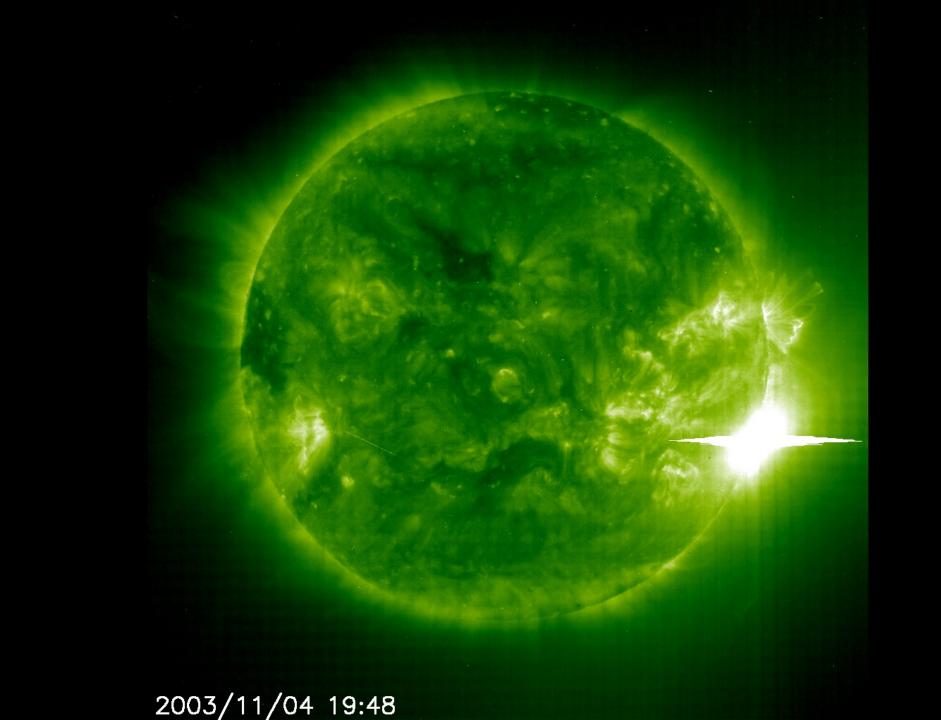
Mk4 Mauna Loa Solar Observatory

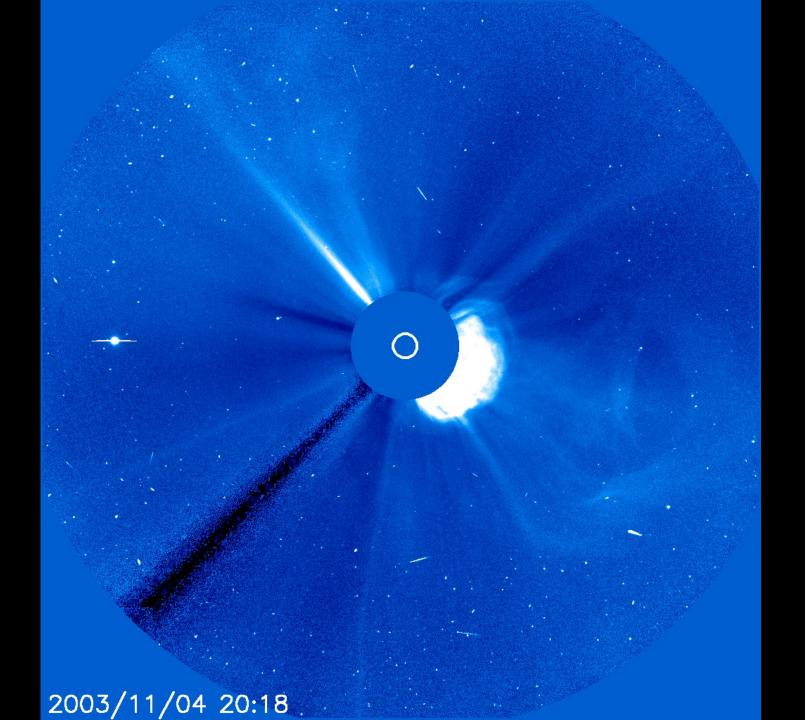


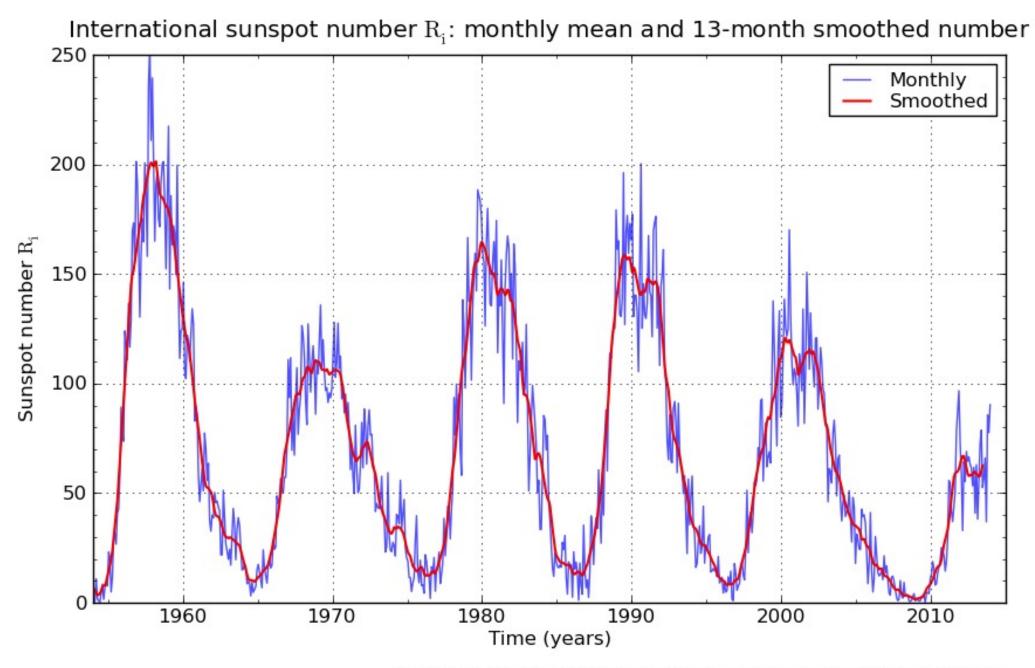




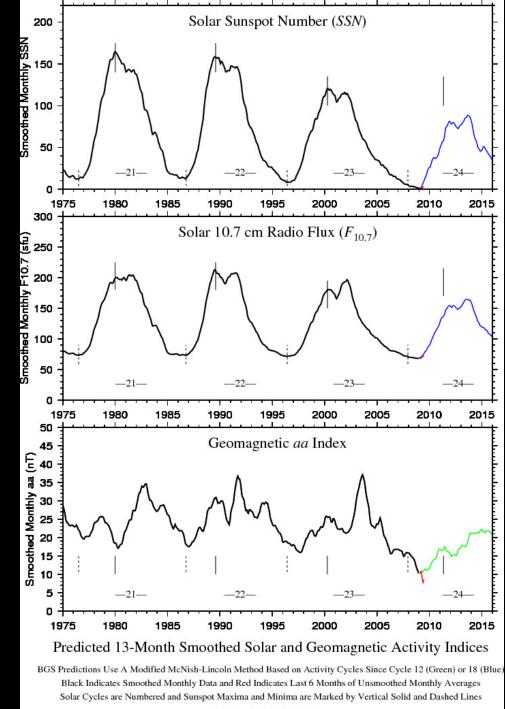




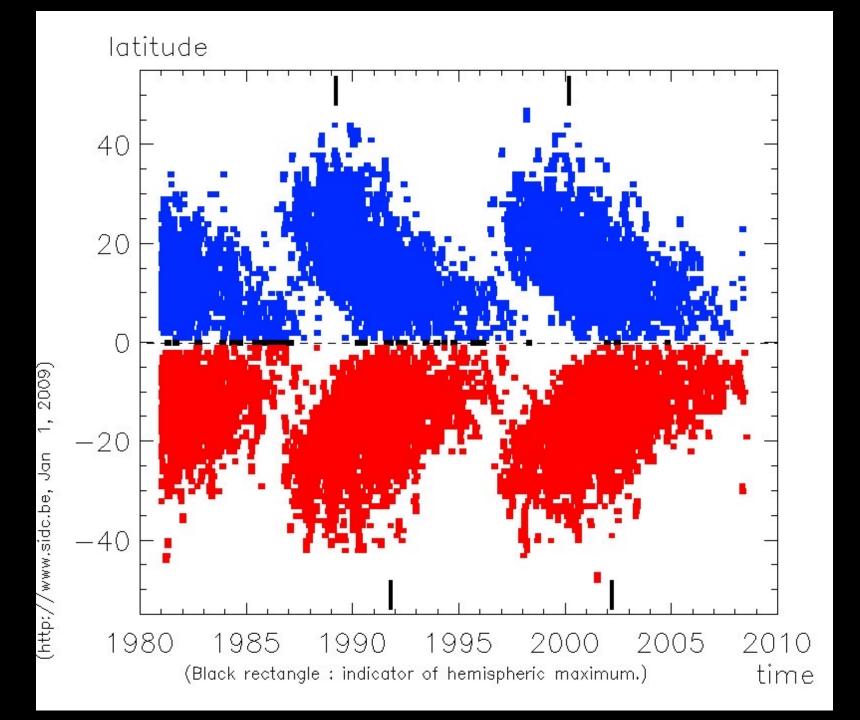


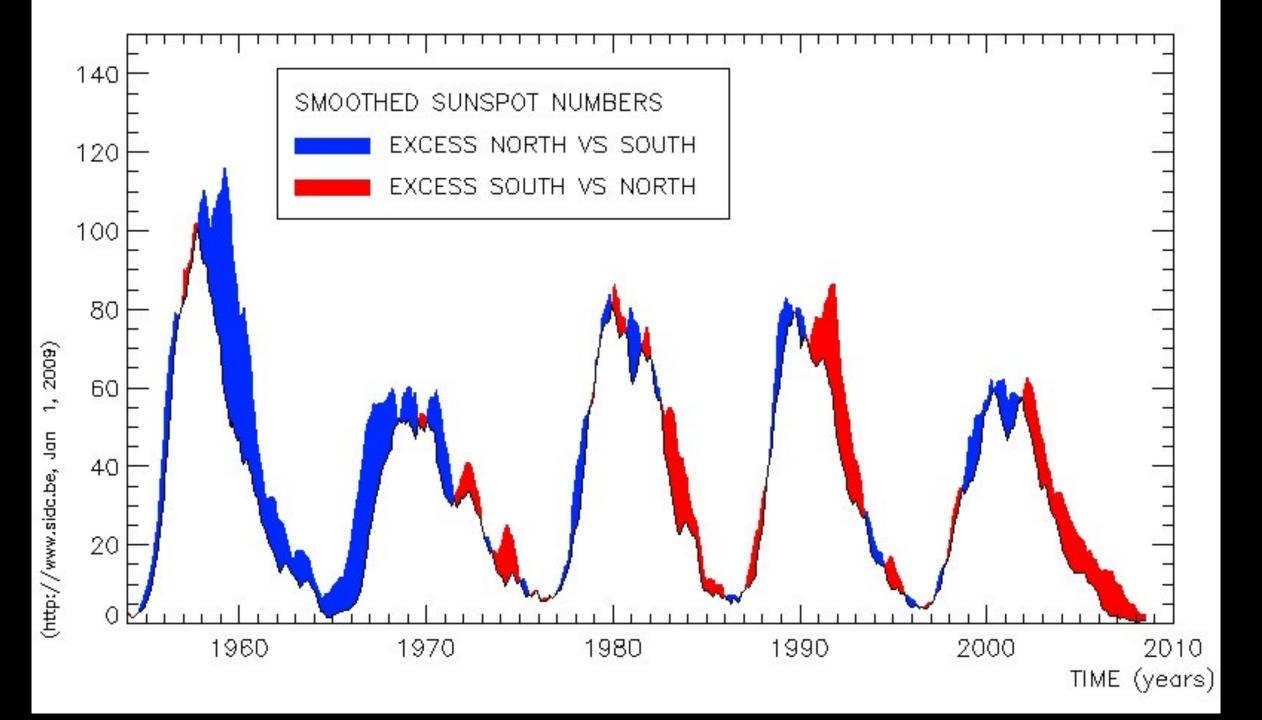


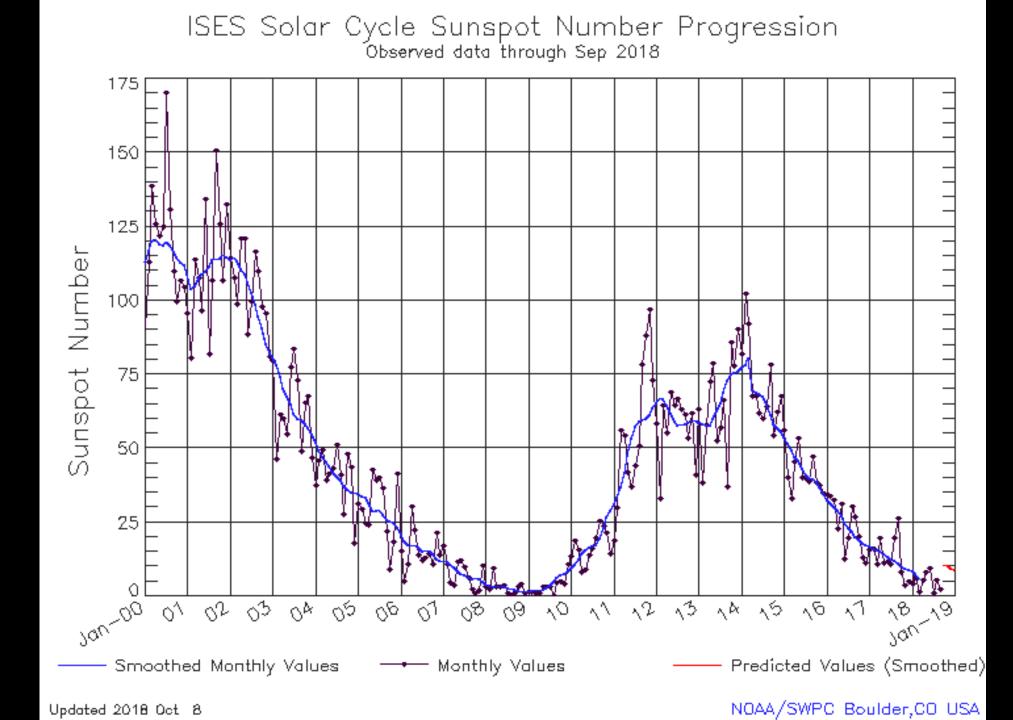
SILSO graphics (http://sidc.be) Royal Observatory of Belgium 01/01/2014



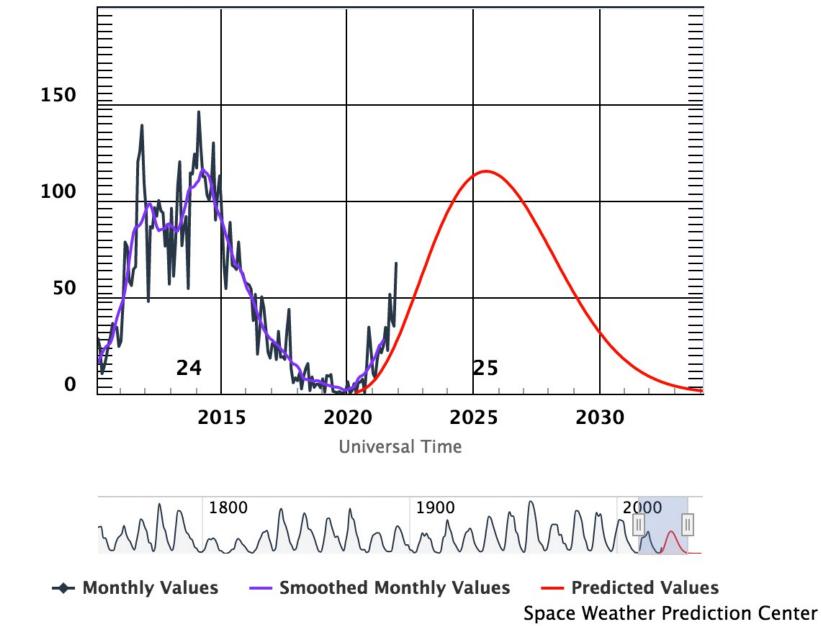
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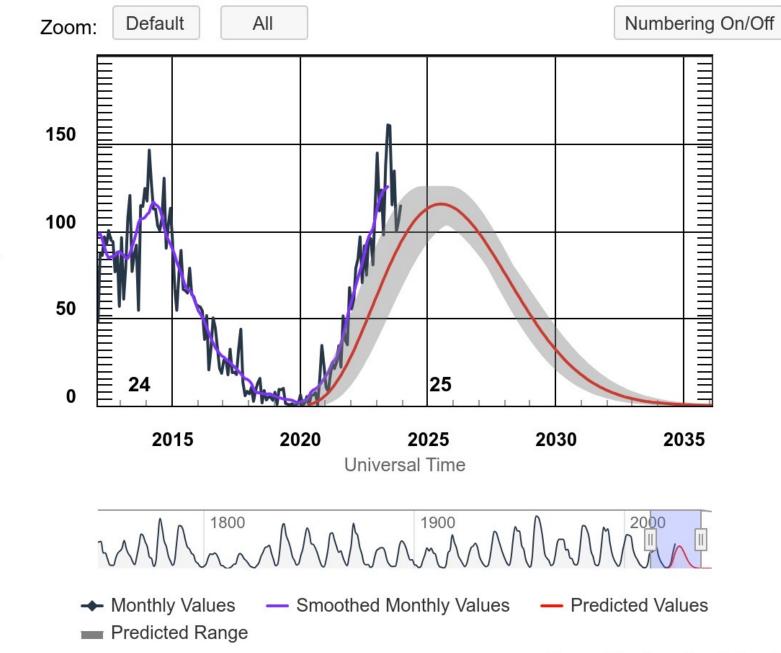


ISES Solar Cycle Sunspot Number Progression



Sunspot Number

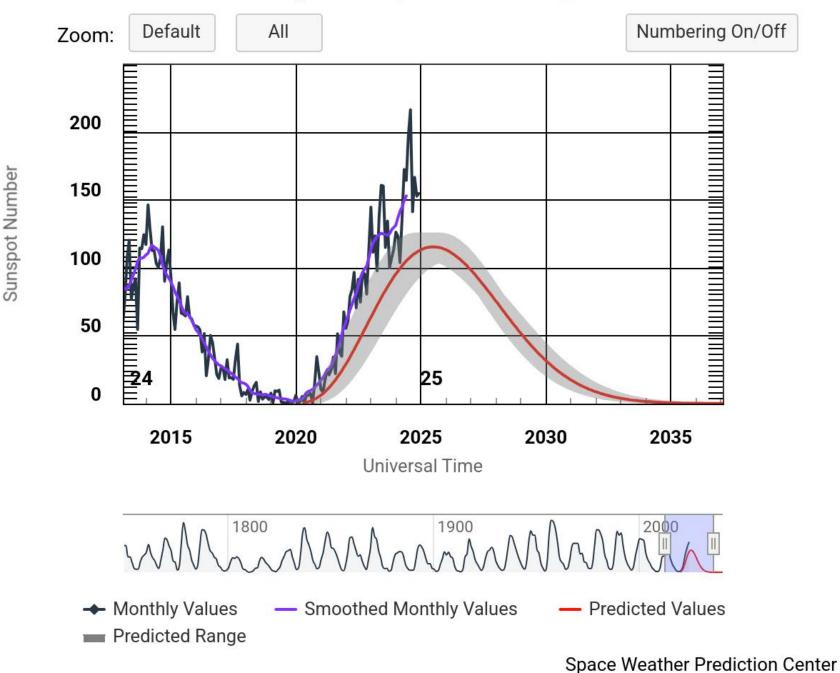
ISES Solar Cycle Sunspot Number Progression



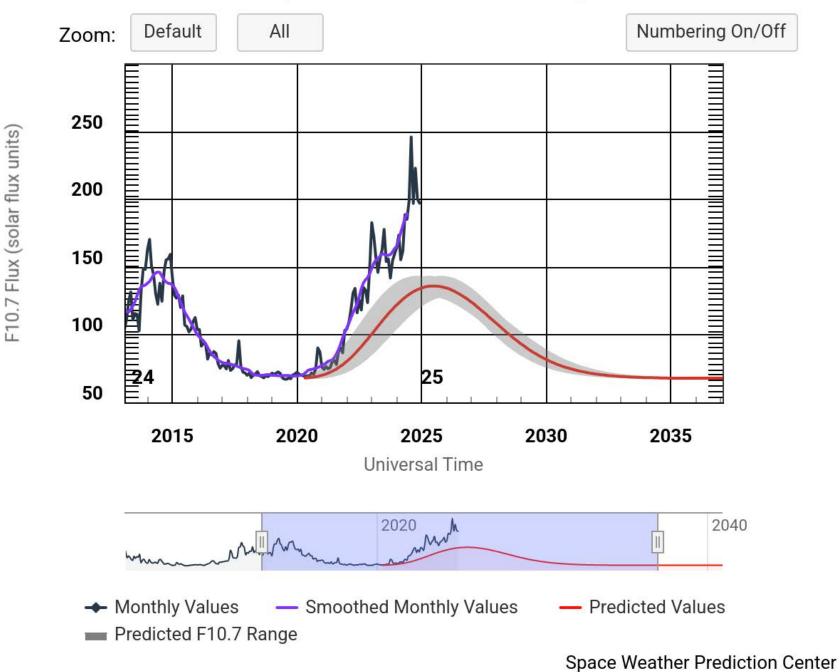
Sunspot Number

Space Weather Prediction Center

ISES Solar Cycle Sunspot Number Progression



ISES Solar Cycle F10.7cm Radio Flux Progression



Experimental Solar Cycle 25 Prediction

