

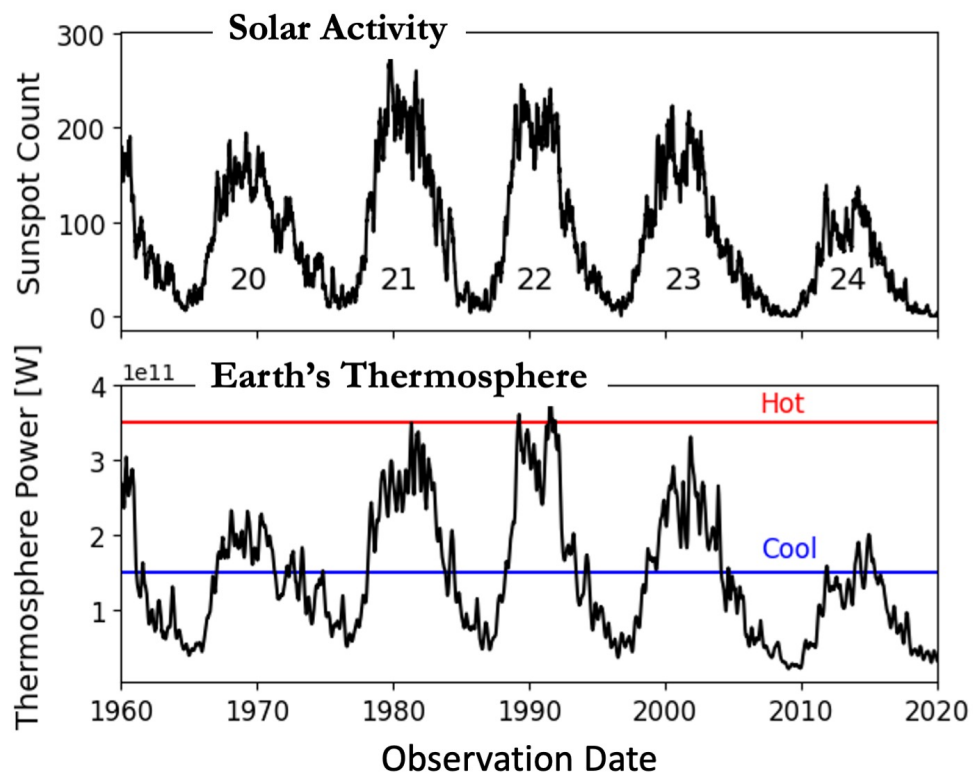
Exoplanet Aeronomy: A Case Study of WASP-69b

W. Garrett Levine (garrett.levine@yale.edu) et al. (*in review*)

Understanding the responses of planetary atmospheres to changes in space weather...

- *provides key data for calibrating models of Earth's ancient atmosphere.*
 - *constrains the history of Mars' atmosphere and liquid water.*
 - **(this study)** *tests models of photoevaporation for exoplanets.*
- } All these results are important for astrobiology!

Earth-Sun System



WASP-69 System

