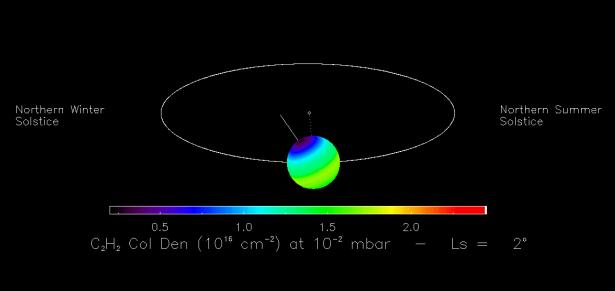
Seasonal modeling of Saturn's stratosphere

Hue, Greathouse, Cavalié, Dobrijevic and Hersant (2016) Icarus (in press)



Saturn's seasonal models:

- -Photochemical model (Hue et al. 2015)
- -Radiative climate model (Greathouse et al. (2008)

Coupling the photochemical and the radiative model:

-Seasonal temperature peak in the high stratosphere shifted before solstice due to the seasonal variation of the main coolant abundances (C_2H_2 and C_2H_6)

