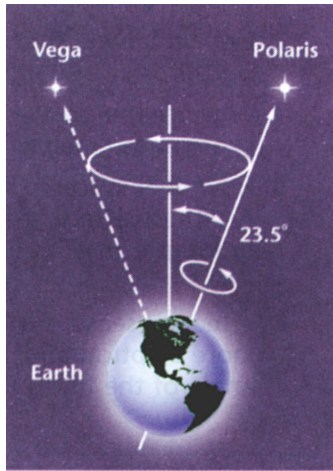


LETWAV (#4)

Comments/Questions



d. Earth's Wobble

- Over a period of 26,000 years, Earth wobbles as it spins on its axis
- Currently the axis points toward the North Star (_____) and winter occurs in the northern hemisphere when Earth is closest to the sun
- When the axis tilts toward Vega, winter will occur in the northern hemisphere when Earth is _____ from the sun
 - This will cause warmer summers and colder winters than those we now experience

V. Human-Influenced Climate Change

Global Warming

From epa.gov [2009]:

“For over the past 200 years, the burning of fossil fuels, such as coal and oil, and deforestation have caused the concentrations of heat-trapping ‘greenhouse gases’ to increase significantly in our atmosphere. These - _____ prevent heat from escaping to space, somewhat like the glass panels of a greenhouse.”

YOU will share more details about this issue with the class in a PRESENTATION!

Here is an animation of one of the potential impacts of global warming from the Center for Remote Sensing of Ice Sheets and their data on Sea Level rise at:

https://www.cresis.ku.edu/research/data/sea_level_rise/index.html

Summary