













Summary Clicker -- Solar Wind

- What are visible effects of the Earth being "bathed" in the wind of solar particles, especially when wind has <u>strong hiccup</u>?
- A. "Auroral lights" visible at night
- *B.* Electric power grids have problems
- C. Short-wave radio talk interrupted
- D. Satellites (and beepers) may get fried
- E. All of the above



So what can we find out about other stars?	WHAT CAN WE MEASURE IN OTHER STARS? 1. APPARENT BRIGHTNESS (ac intensity) MERORED IN FULLY WHITE CAUGE "MAINITURES" => LUMINOSITY, IF KNOW DISTANCE
APPARENT BRIGHTNESS	Recau inverse savare (aw Brightness ~ <u>1</u> of Runt scurce (Ristance) ²
POSITION	2. <u>POSITION</u> (AND CHANGES OF IT WITH TIME) • PARALLAX => DISTANCE • PROPER MOTION
SPECTRUM	3. <u>SPECTRUM</u> (металике пт ланке & spectru lines) ⇒ TEMPERATURE OF Suppace → COMPOSITION (WHICH Elements can be seen)
	Vin <u>Domuse Shift of Lones</u> : Rapial Velacity Rotation WA <u>2004 Man Spirming</u> of Lanes: Magnetic Fields











- o Movement is caused by Earth's movement around the Sun
- o Closer objects will move more than farther objects

























