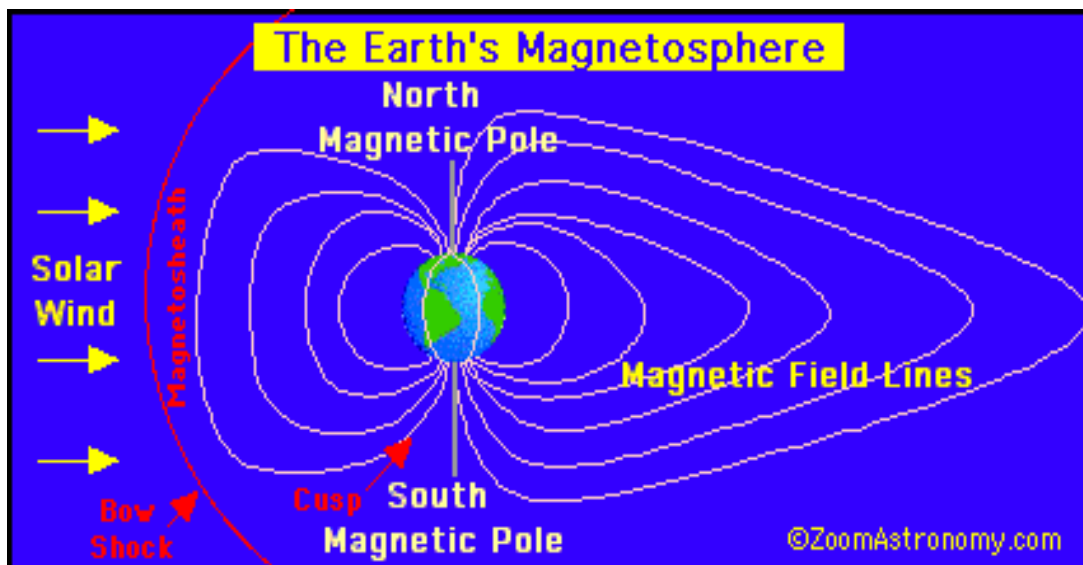
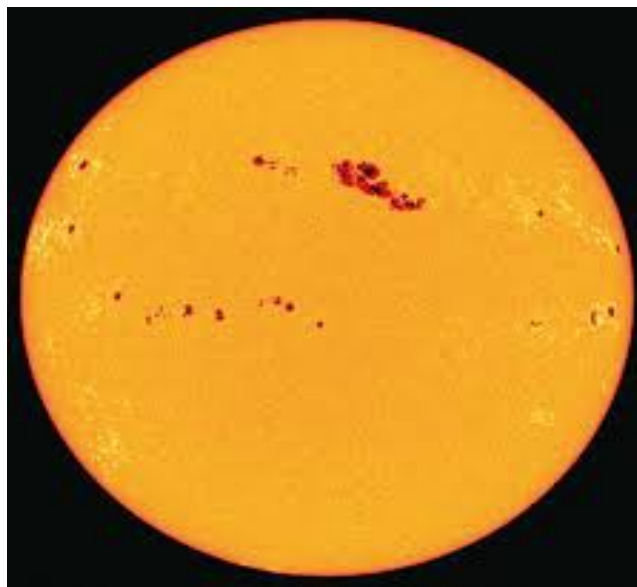


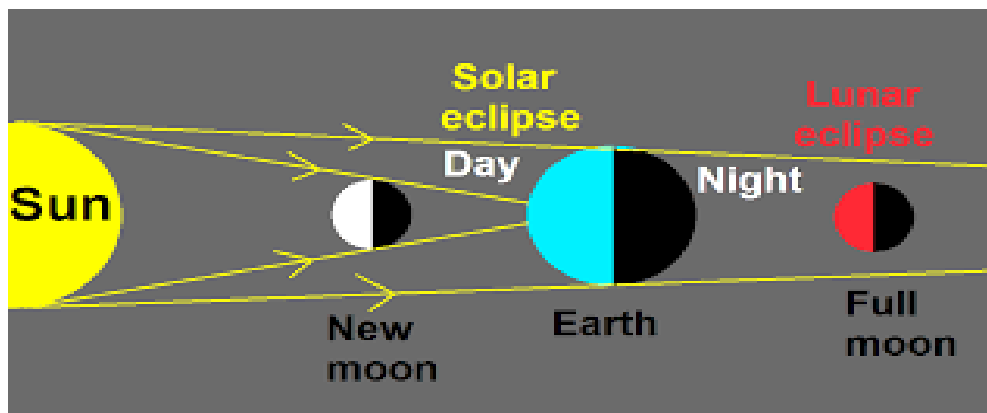
Layers of the Atmosphere (except the Magnetosphere: Continued below.)



Magnetosphere



Normal Sunspot Activity – now increase the sunspots ALL OVER the sun for the Rev. Chapter 6 event!



Explanation of How Solar and Lunar Eclipses Work

Principal Meteor Showers					
SHOWER	BEST VIEWING	POINT OF ORIGIN	DATE OF MAXIMUM*	NO. PER HOUR**	ASSOCIATED COMET
Quadrantid . . . . .	Predawn	N	<b>Jan. 4</b>	25	—
Lyrid . . . . .	Predawn	S	Apr. 22	10	Thatcher
Eta Aquarid . . . . .	Predawn	SE	May 4	10	Halley
Delta Aquarid . . . . .	Predawn	S	July 30	10	—
<b>Perseid . . . . .</b>	<b>Predawn</b>	<b>NE</b>	<b>Aug. 11–13</b>	<b>50</b>	<b>Swift-Tuttle</b>
Draconid . . . . .	Late evening	NW	Oct. 9	6	Giacobini-Zinner
Orionid . . . . .	Predawn	S	Oct. 21–22	15	Halley
Taurid . . . . .	Late evening	S	Nov. 9	3	Encke
Leonid . . . . .	Predawn	S	Nov. 17–18	10	Tempel-Tuttle
Andromedid . . . . .	Late evening	S	Nov. 25–27	5	Biela
<b>Geminid . . . . .</b>	<b>All night</b>	<b>NE</b>	<b>Dec. 13–14</b>	<b>75</b>	—
Ursid . . . . .	Predawn	N	Dec. 22	5	Tuttle

\*May vary by one or two days    \*\*Moonless, rural sky    **Bold = most prominent**

Chart of Principal Meteor Showers during the Year. (Note: Major “showers” are in the Fall & Winter)