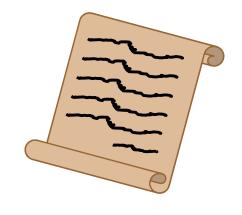




# SPORT

#### **Mission Science**

Dr. Linda Habash Krause NASA Marshall Space Flight Center













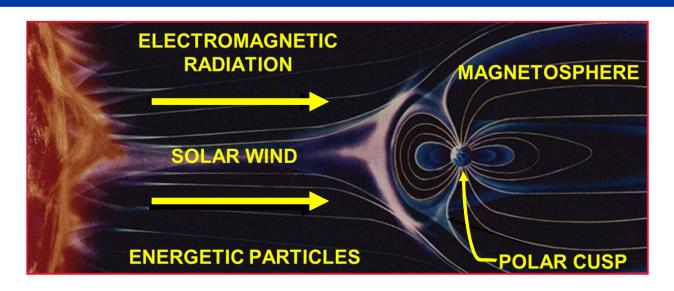






## SPORT Studies Space Weather





Solar-Terrestrial Environment: The region between the sun and the Earth containing particles, electromagnetic waves, and electric/magnetic fields.

**SPACE WEATHER:** Physical processes associated with <u>impulsive</u> temporal and spatial variability in the Solar-Terrestrial Environment



9/14/2017











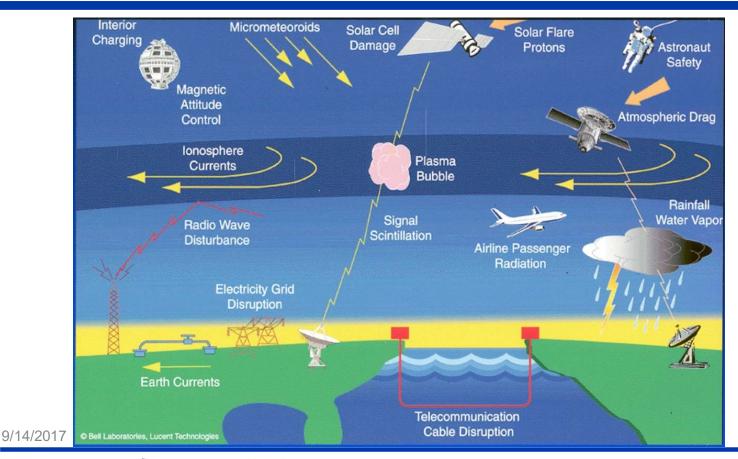






# Space Weather Affects Our Lives















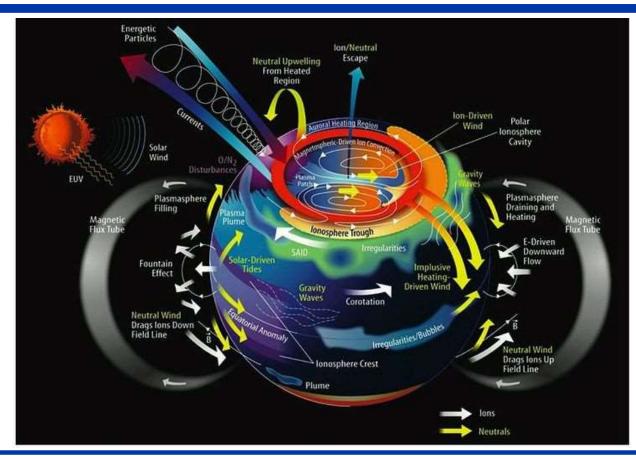






# Earth's Space Environment is Complex







9/14/2017









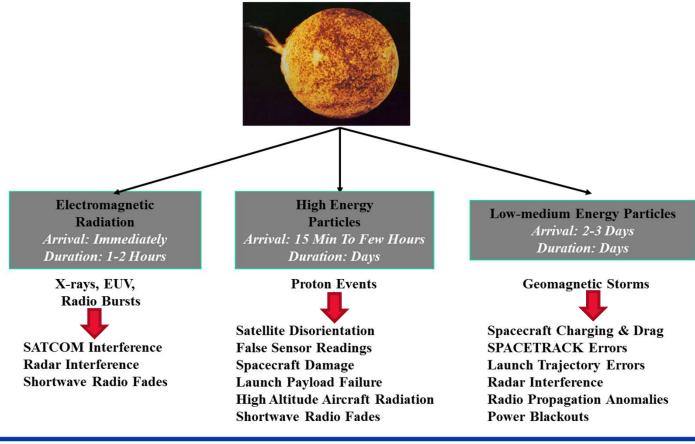






### Earth's Space Weather is Hard to Predict







9/14/2017











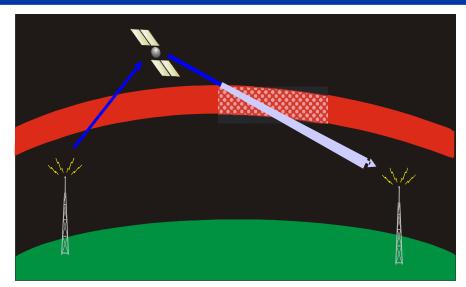


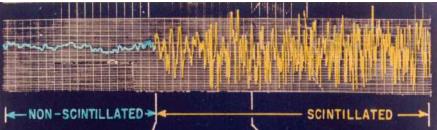


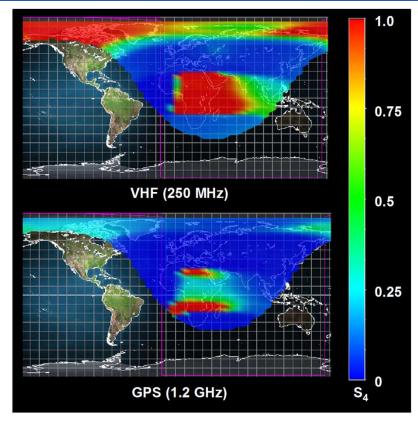
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#### SPORT Focuses on Radio Outages Caused by Space Weather













































# Backup















