

# Exploring the Solar Wind on the Way to Mars with MAVEN

- The Mars Atmosphere and Volatile Evolution spacecraft (MAVEN) is exploring propagation of the solar wind and Solar Energetic Particle (SEP) events beyond the orbit of Earth during its cruise to Mars
- Solar wind density compressions (left) and Solar Energetic Particle events (right) are seen at the orbits of Earth and MAVEN: They show the combined effects of radial propagation and solar rotation, and features can be followed along the solar-wind spirals
- MAVEN observations are complementary to near-Earth spacecraft assets, providing a valuable perspective on the structure of the solar wind

**MAVEN Particles and Fields package has demonstrated its ability to monitor space weather at Mars!**

