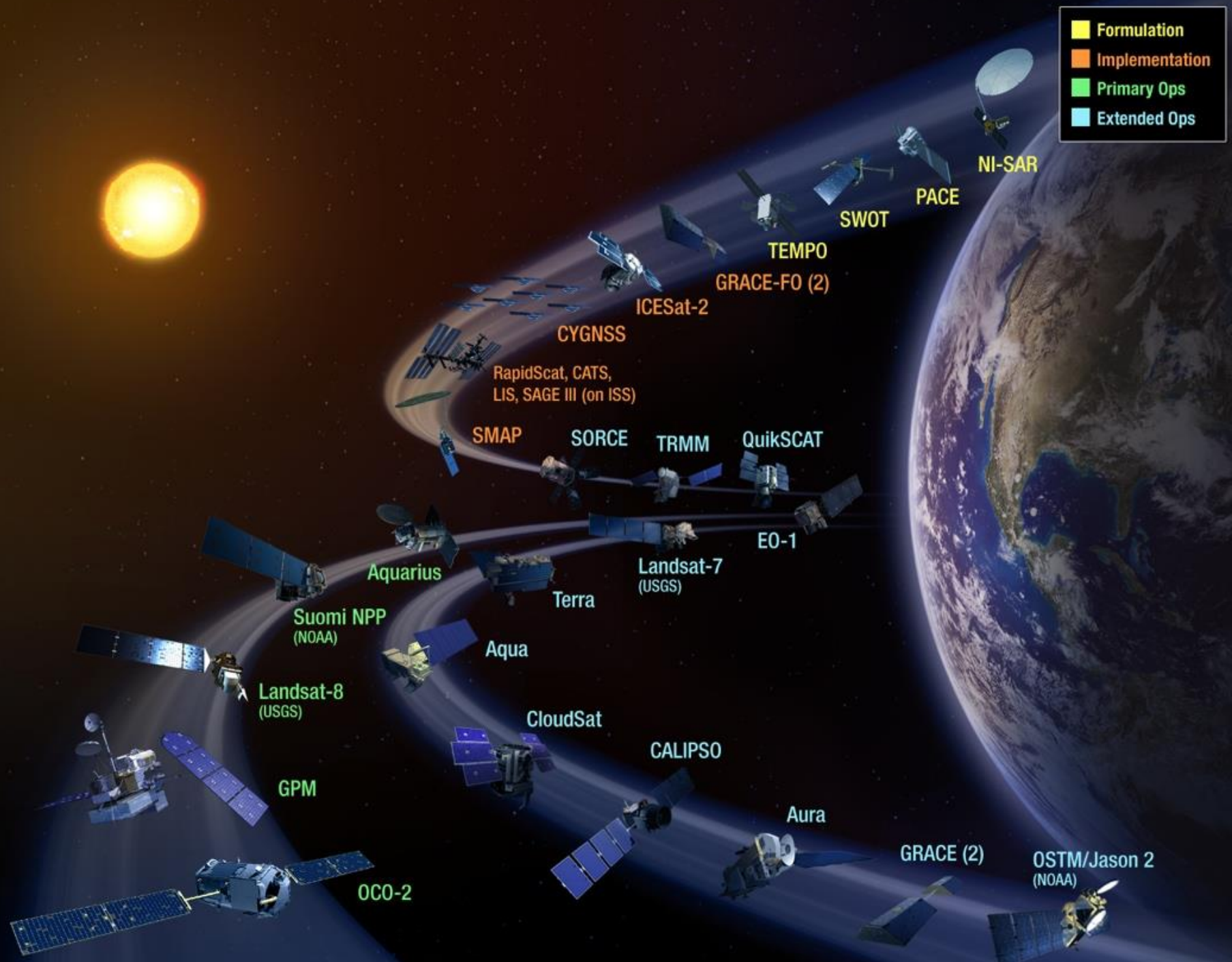


National Aeronautics and
Space Administration



Advancing the Societal Benefits: NASA

JAMES GREEN
NASA Chief Scientist



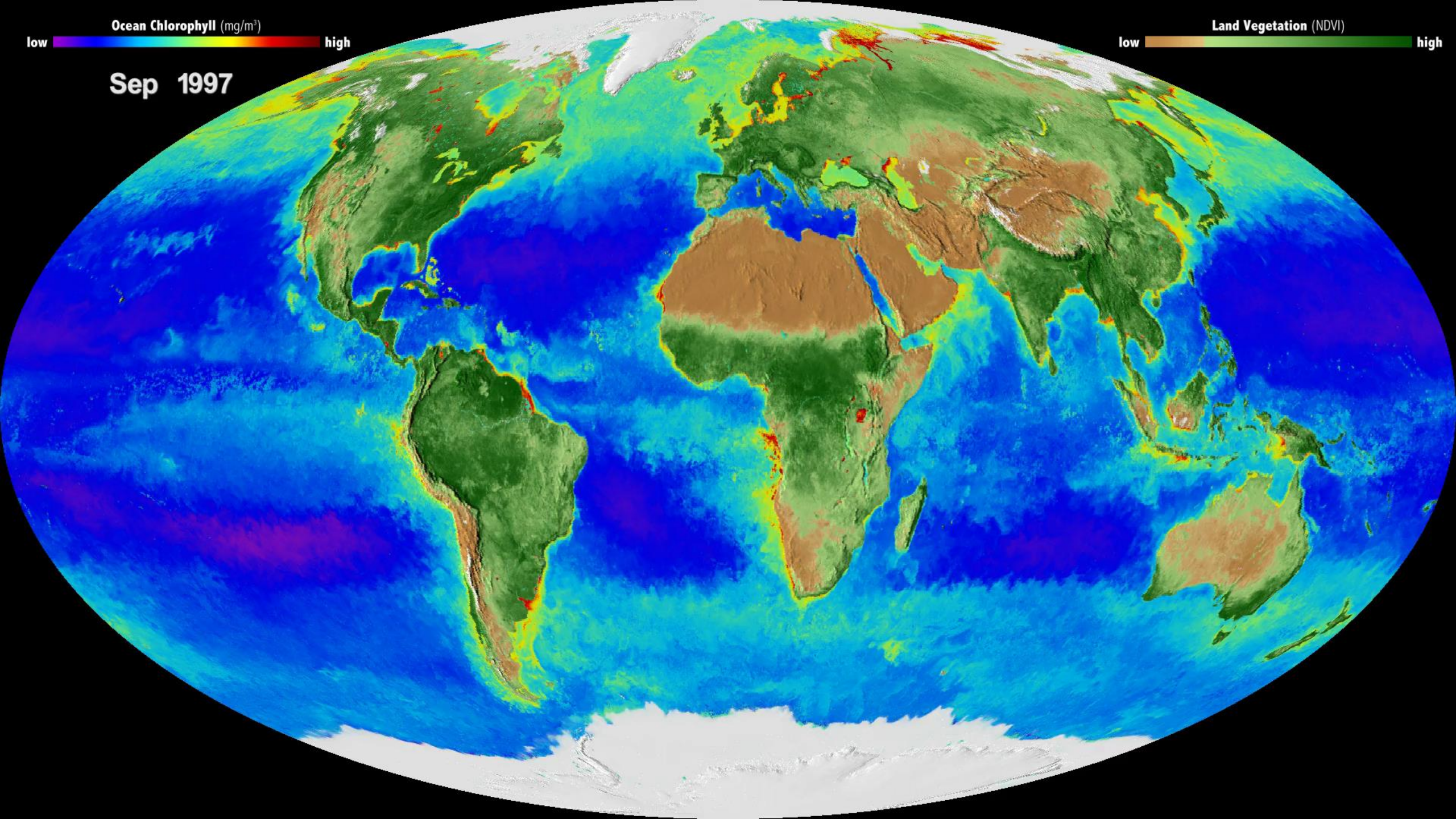
Ocean Chlorophyll (mg/m³)

low high

Land Vegetation (NDVI)

low high

Sep 1997



SAFEGUARDING & IMPROVING LIFE ON EARTH

LANDSAT

Earth Observing
Fleet

Earth Science Mission



WILDFIRES

Soberanes Fire

California



California

September 19, 2016

NASA's Suomi-NPP



Credit: David Royal - Monterey Herald



Credit: Forest Service of the USDA

TORNADOS

EF-5 Tornado Path



Moore, Oklahoma

June 2, 2013

Advanced Spaceborne Thermal Emission and Reflection Radiometer (ASTER) on NASA's Terra Satellite



Credit: CNN

RAINFALL

Hurricane Matthew

September 2 – October 10, 2016

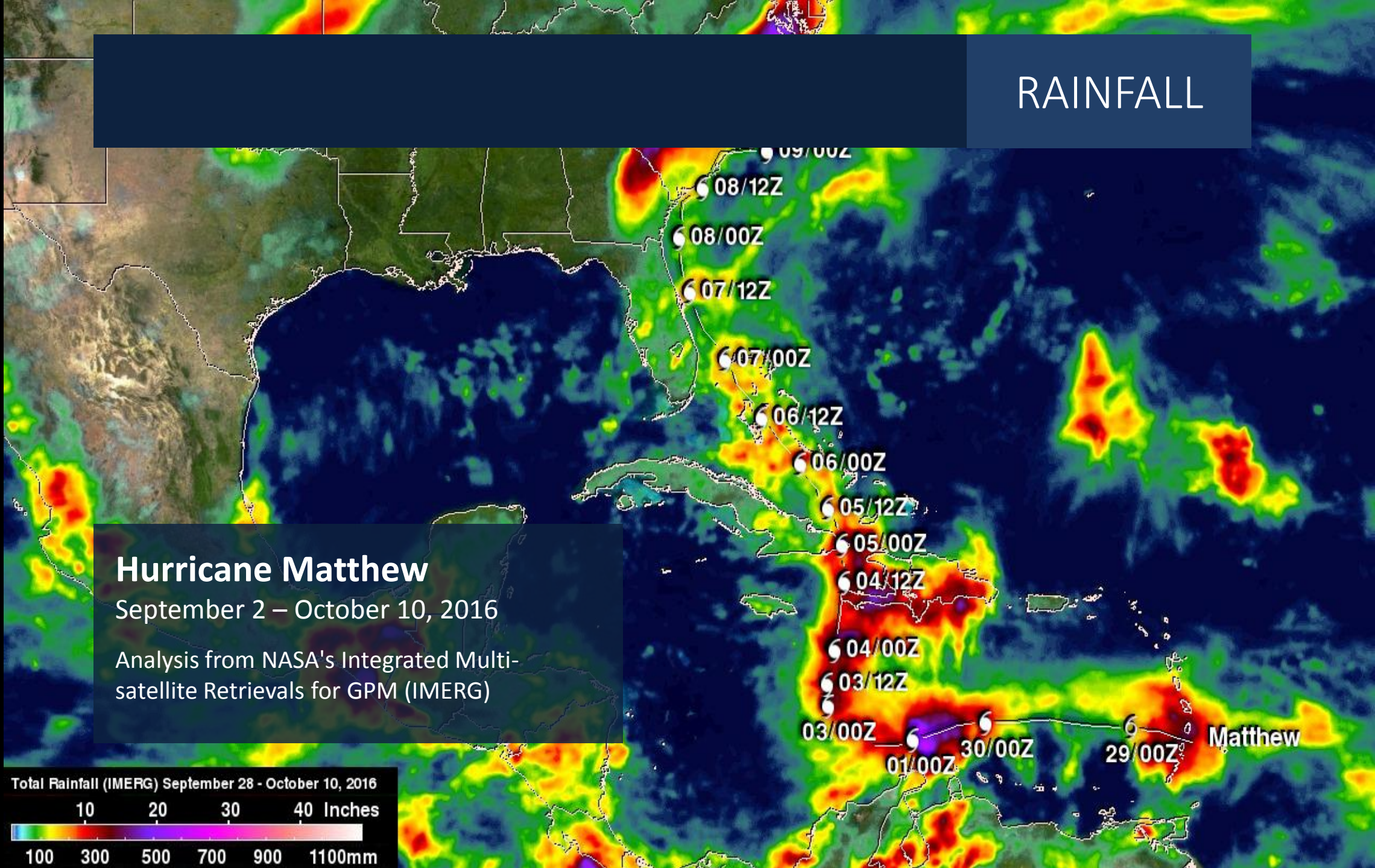
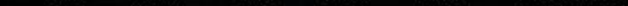
Analysis from NASA's Integrated Multi-satellite Retrievals for GPM (IMERG)

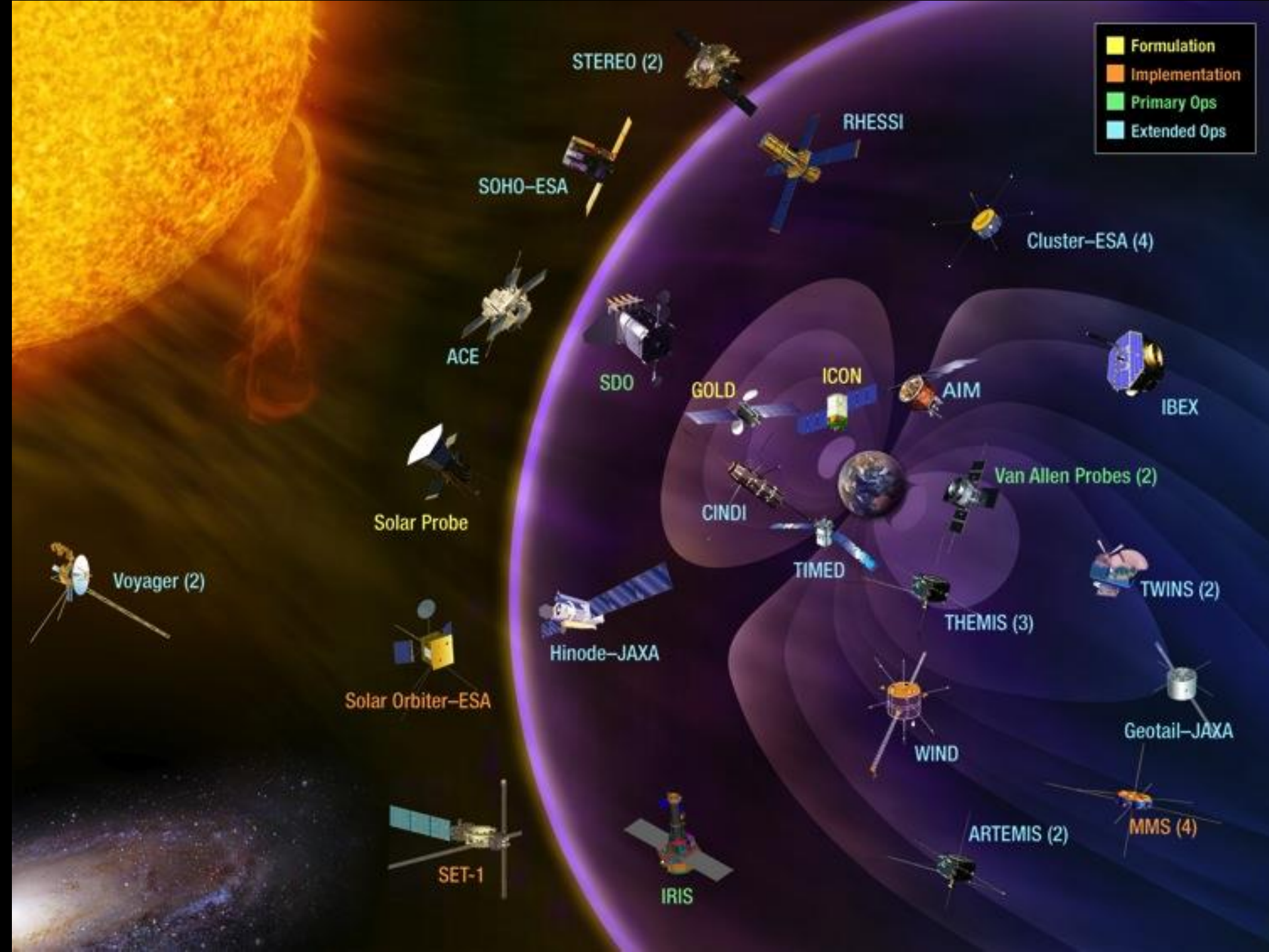
Total Rainfall (IMERG) September 28 - October 10, 2016

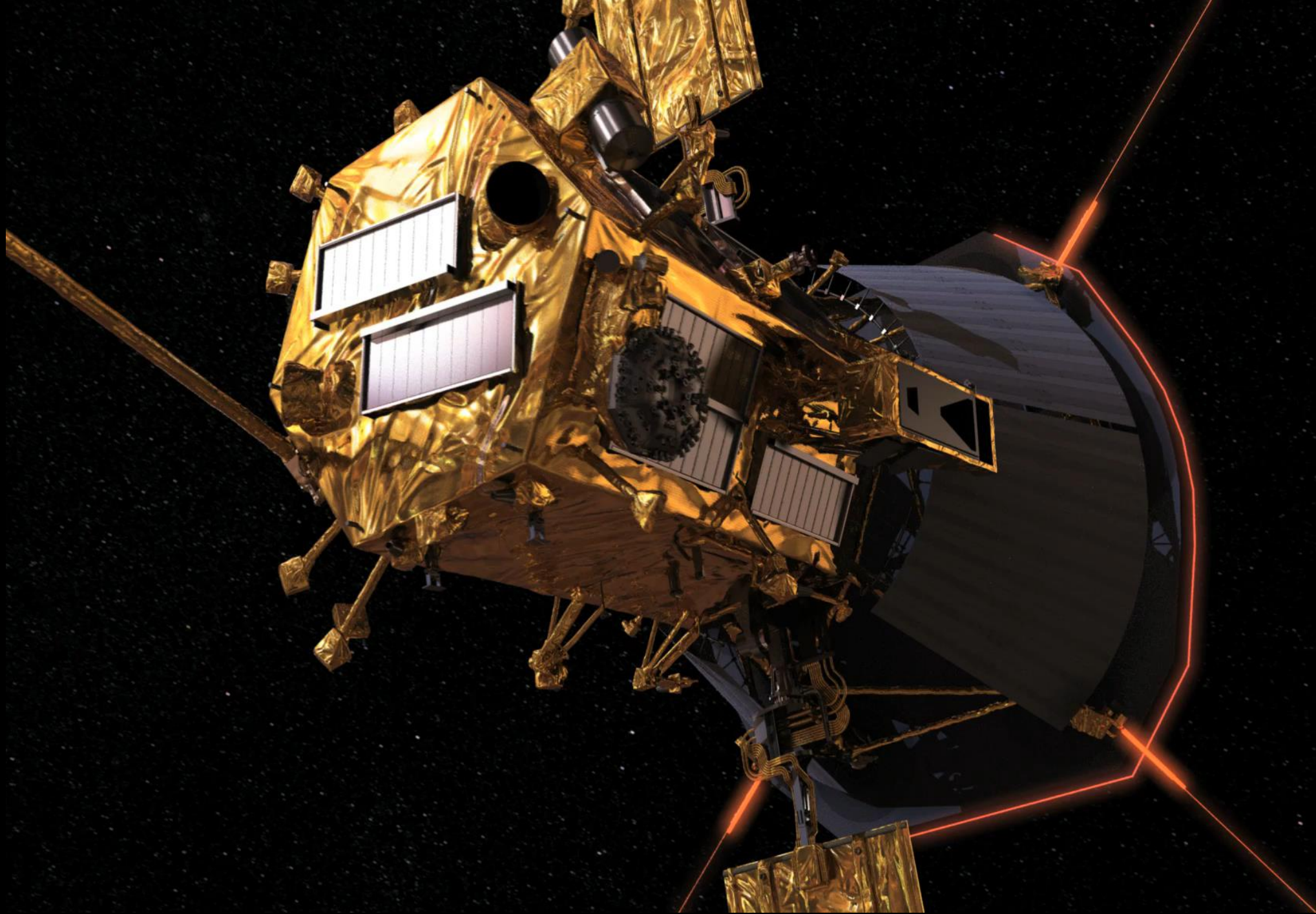
10 20 30 40 Inches



100 300 500 700 900 1100mm

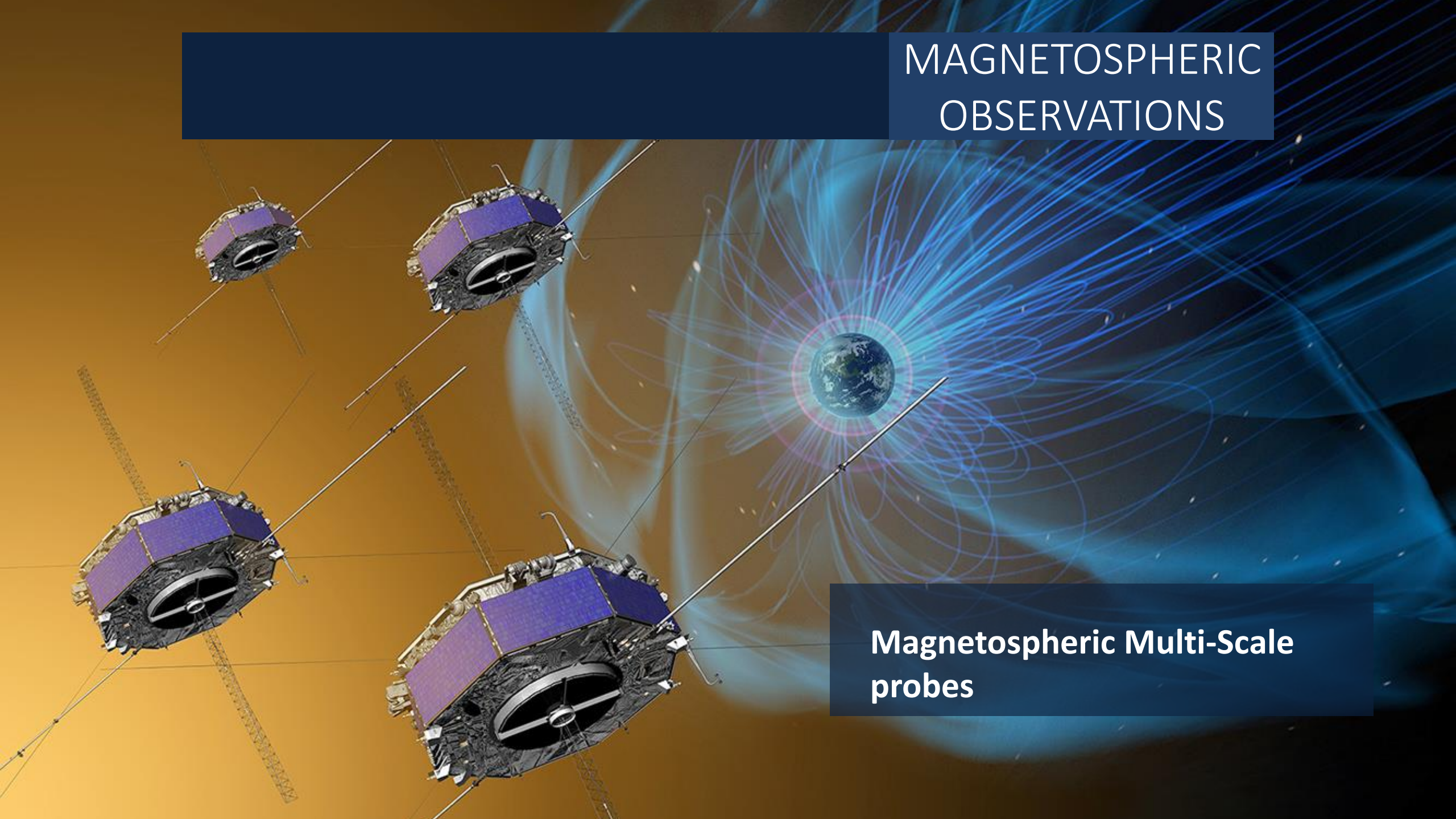




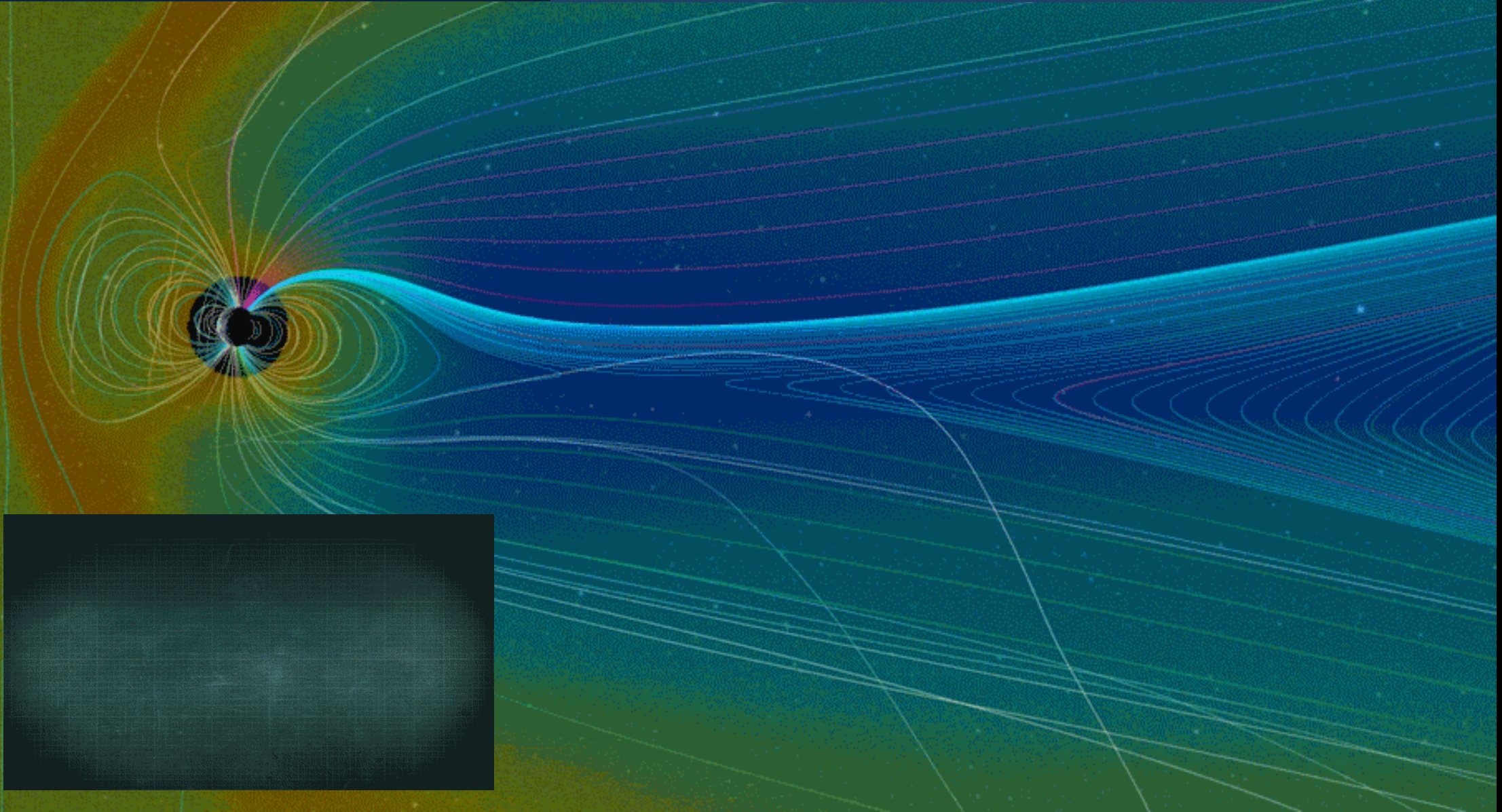


MAGNETOSPHERIC OBSERVATIONS

**Magnetospheric Multi-Scale
probes**



MAGNETIC RECONNECTION



NASA Science

