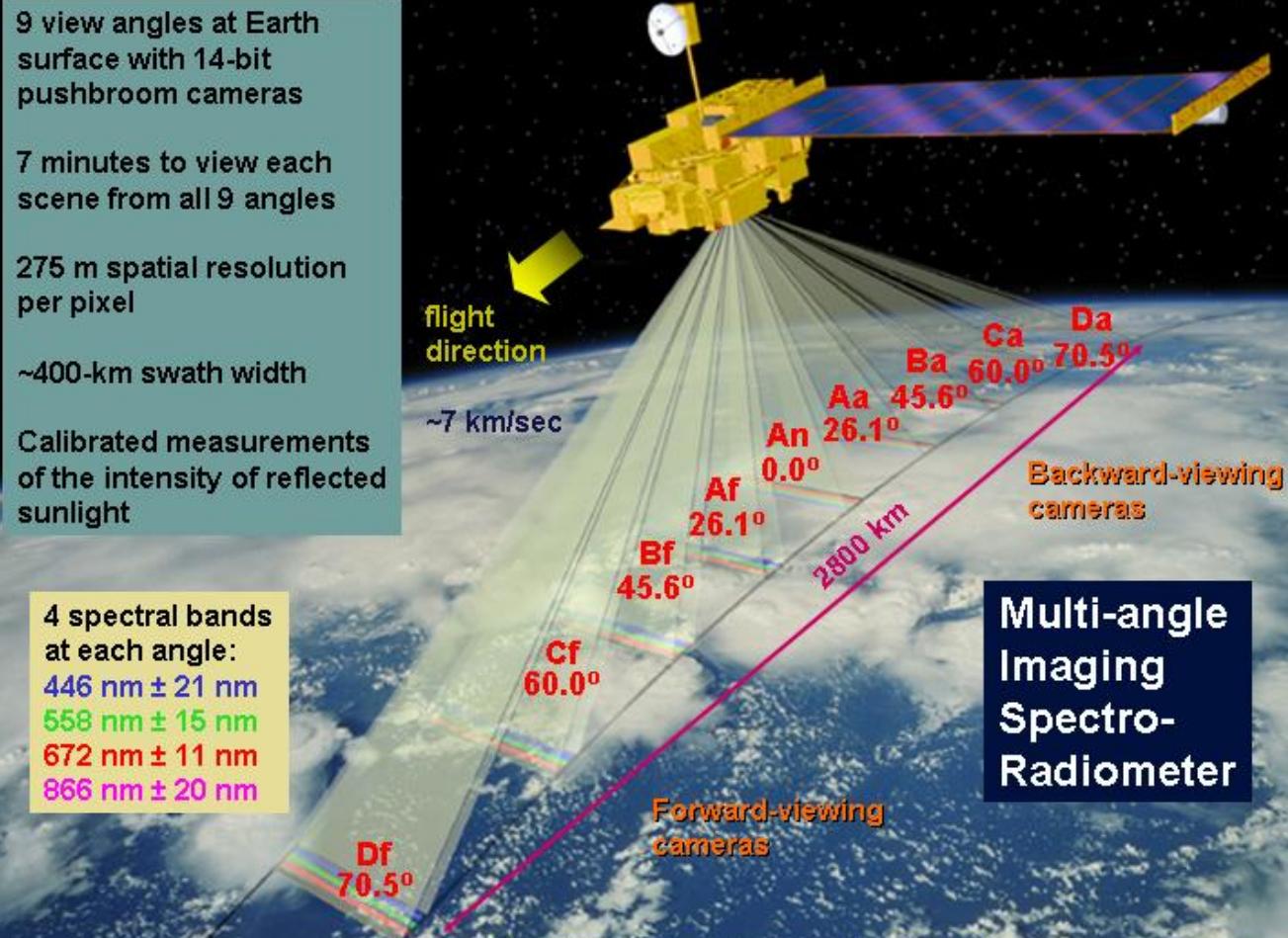


# Multiangle Imaging SpectroRadiometer on Terra



# MISR characteristics



**9 CCD pushbroom cameras**

**9 view angles at Earth surface:  
70.5° forward to 70.5° aftward**

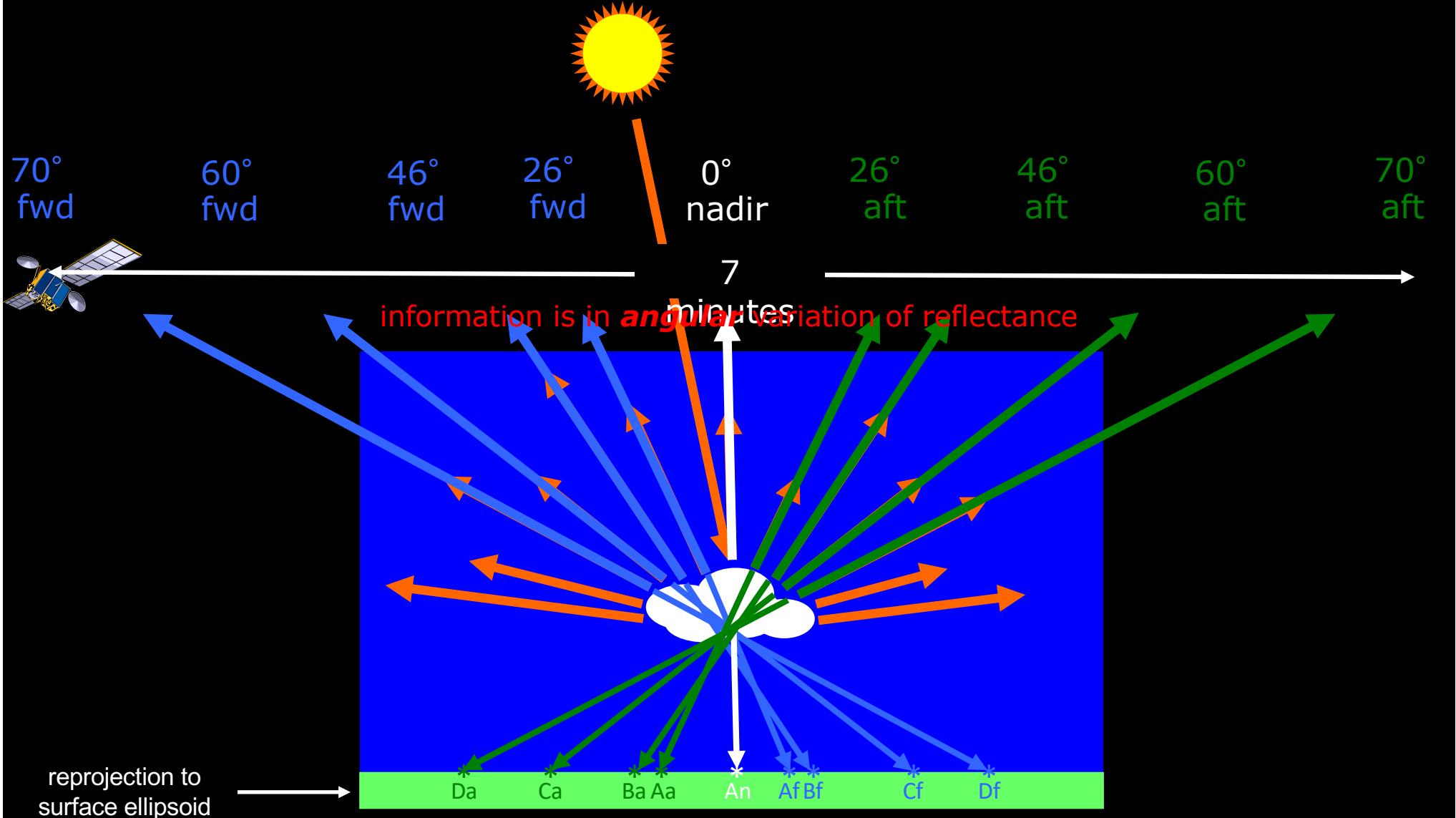
**4 spectral bands at each angle:  
446, 558, 672, 866 nm**

**14-bit digitization**

**On-board calibration system**

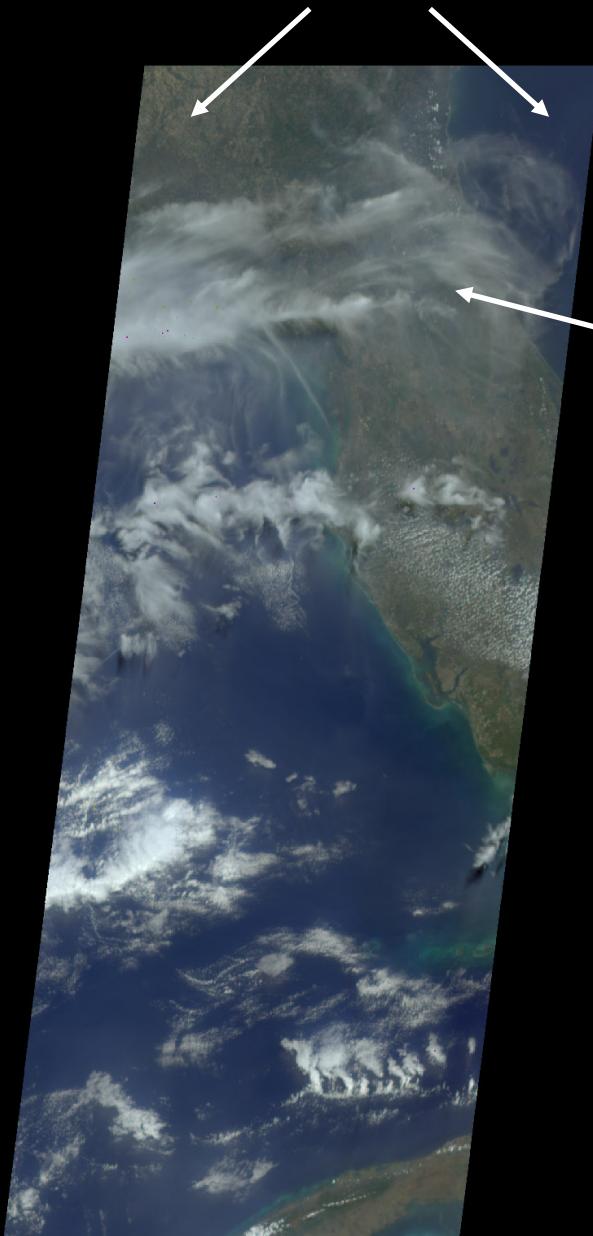


# MISR Imaging Concept



# Image Examples

reflectance changes w/ view angle

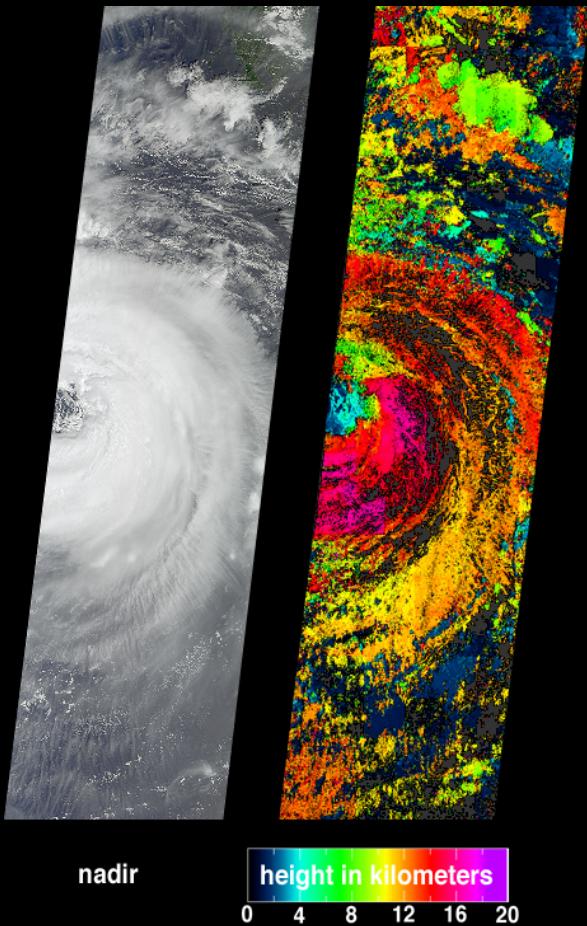


cloud displacement  
(height and wind)

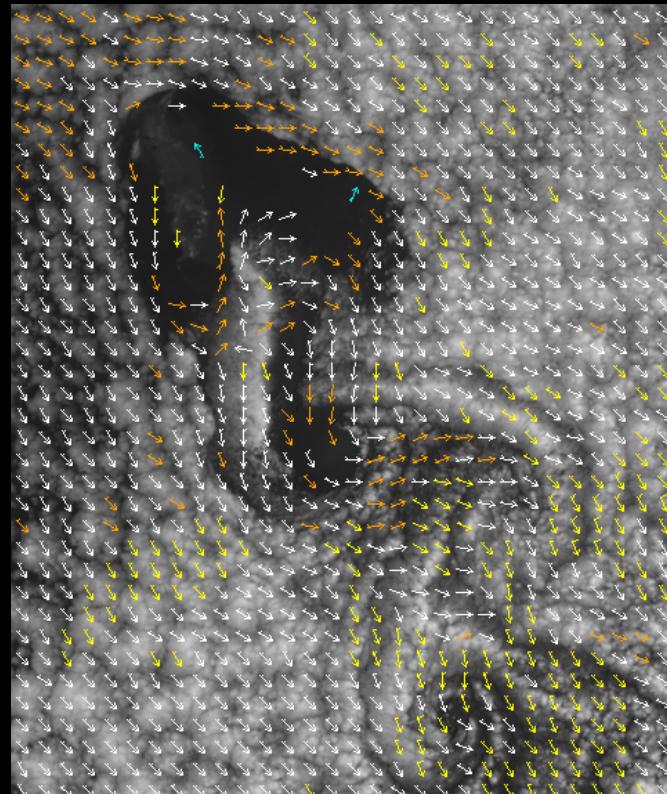
cloud side view  
at oblique angles



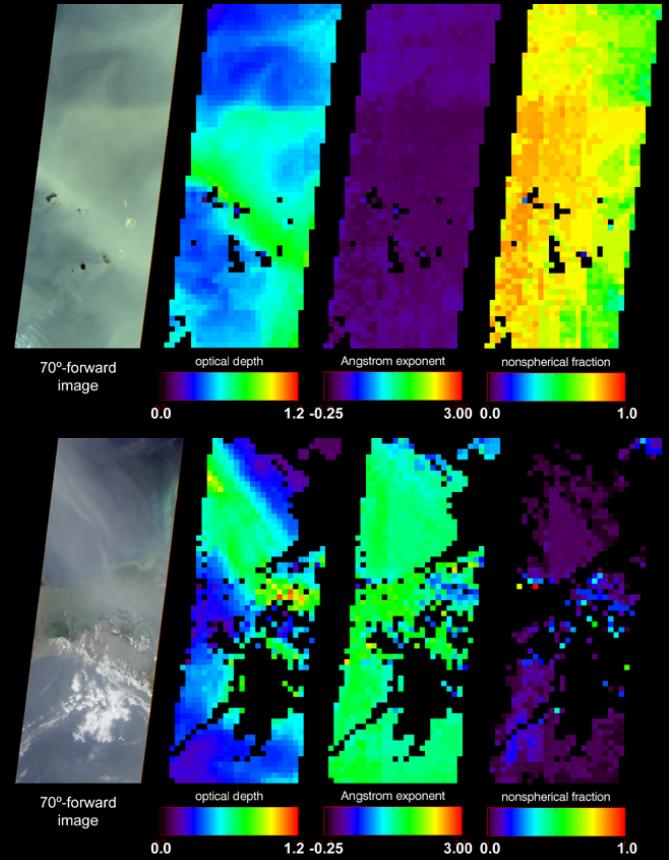
# Product Examples



cloud-top/smoke plume height

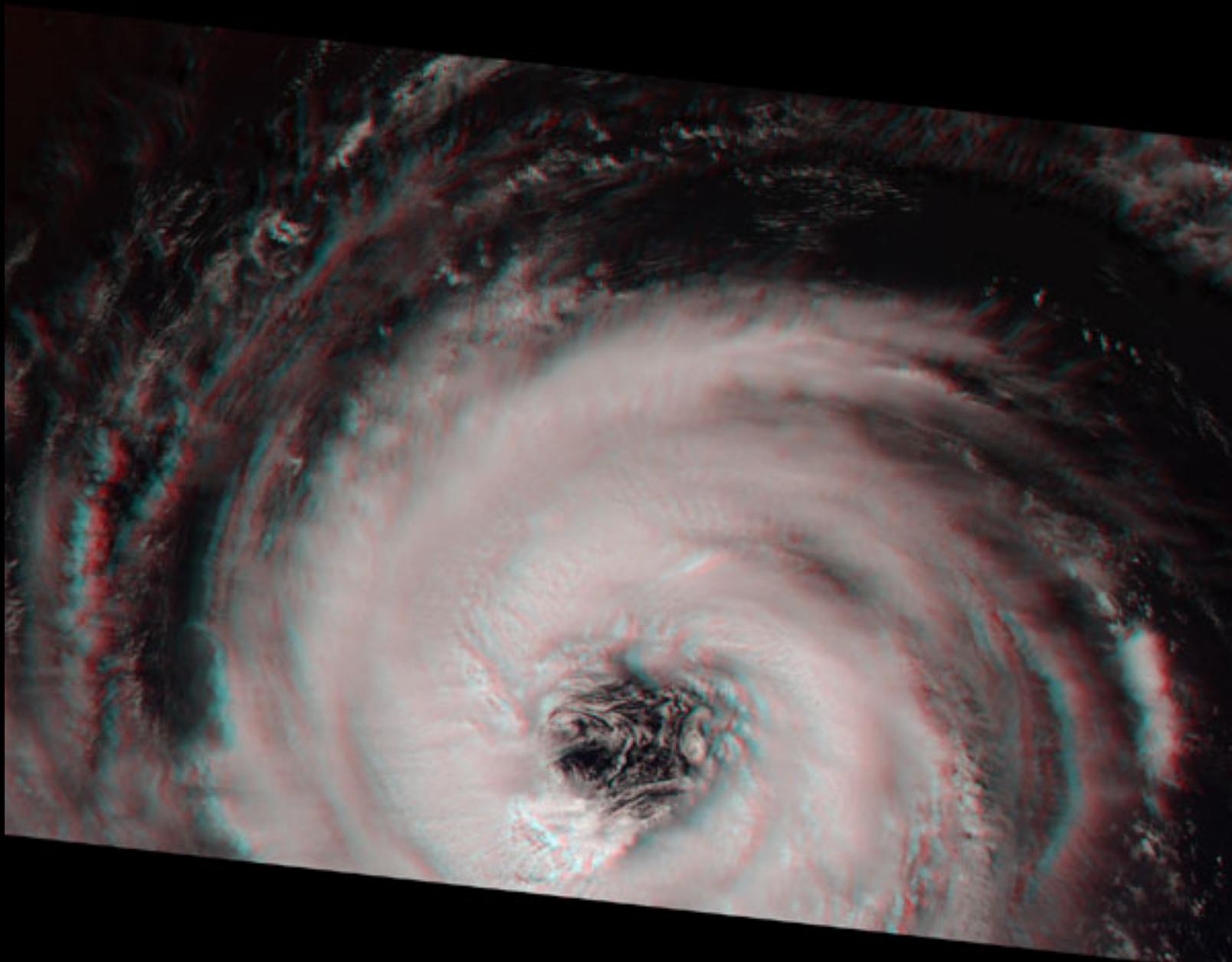


cloud-motion wind



aerosol properties

# Hurricane Alberto Anaglyph, 19 August 2000



[misr.jpl.nasa.gov](http://misr.jpl.nasa.gov)