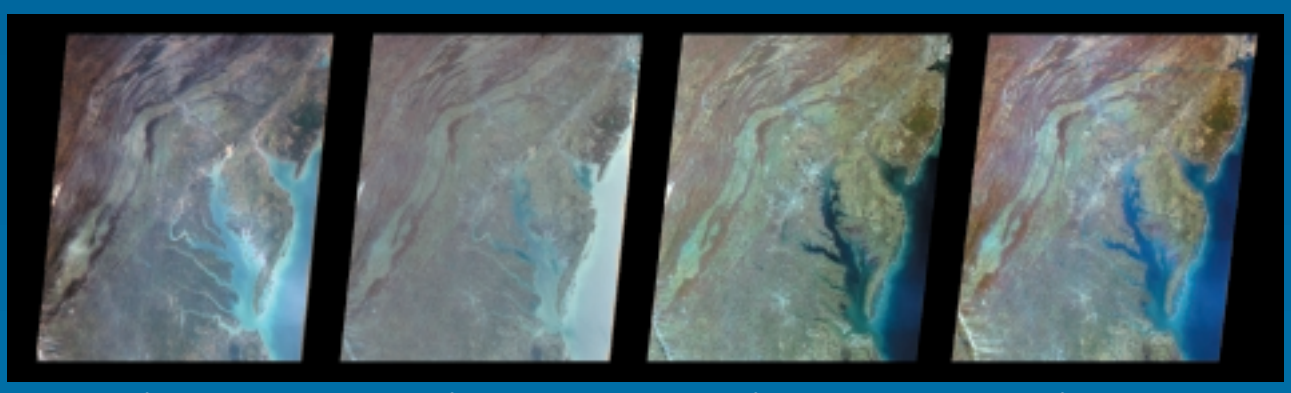
MISR Views Delaware Bay, Chesapeake Bay and Appalachian Mountains

Langley Research Center (LaRC)

Camera viewing straight down (nadir)



70.5° forward *45.6° forward* *45.6° aftward* *70.5° aftward*

These Multi-angle Imaging SpectroRadiometer (MISR) images were acquired on March 24, 2000, during Terra orbit 1417. From an orbit 705 kilometers above the Earth, MISR views a 360-kilometer-wide swath of Earth using four spectral bands in each of nine cameras. The cameras are oriented at different angles along the flight track. Differences in brightness, color, and contrast as a function of view angle are visible over both land and water. Scientists are using MISR data to monitor changes in clouds, the Earth's surface, and pollution particles in the air, and to assess their impact on climate. North is toward the top.

Images courtesy of NASA/GSFC/JPL, MISR Science Team.