

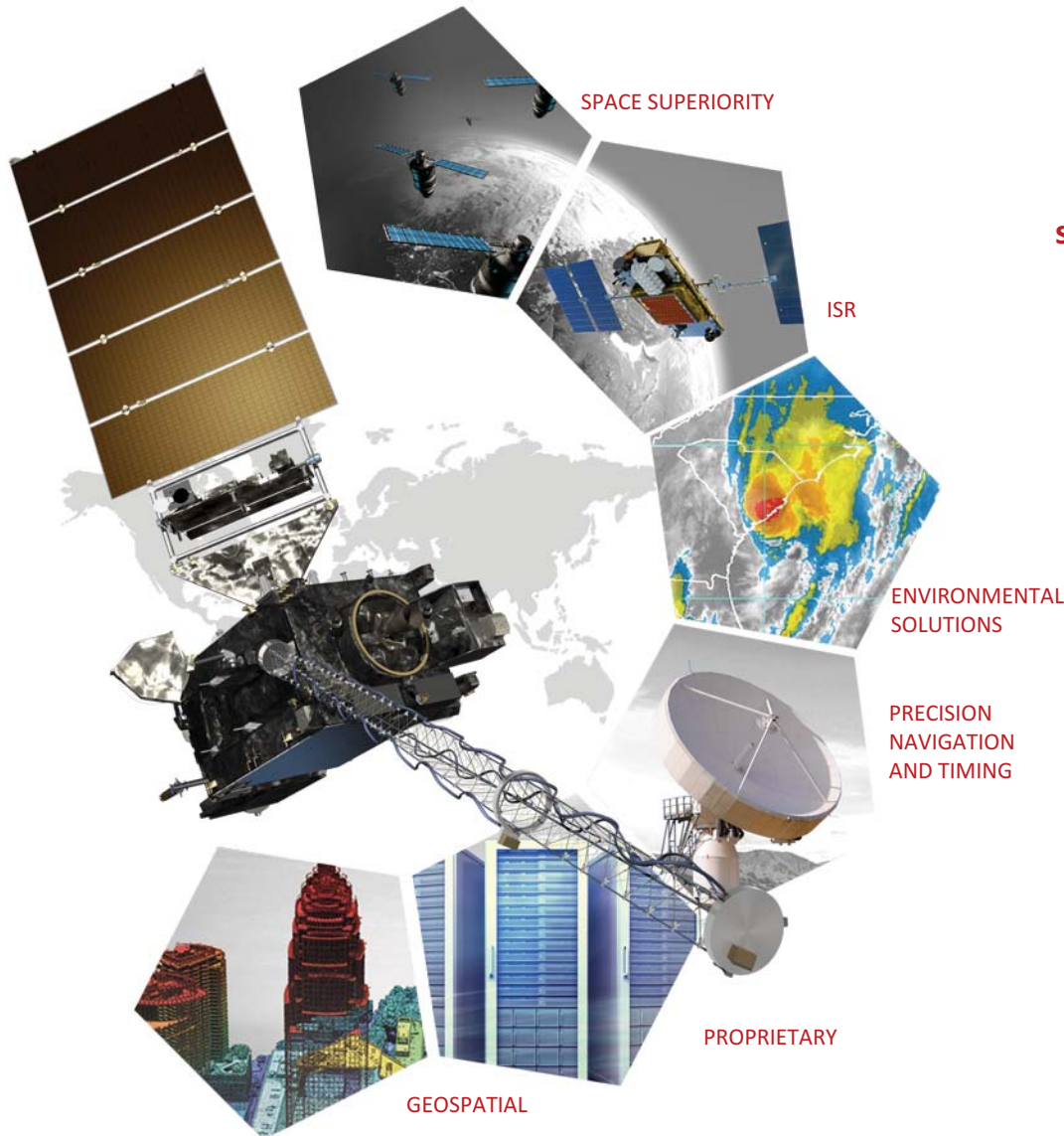
A New Age for Earth Observation: Global Transparency from Space

Stuart Blundell

Director of Business Development

Harris Geospatial Solutions

Harris Space and Intelligence Systems



Complete Earth observation, weather, geospatial, space protection, and intelligence solutions from advanced sensors and payloads, ground processing, and information analytics

U.S. Civil and Intelligence Community



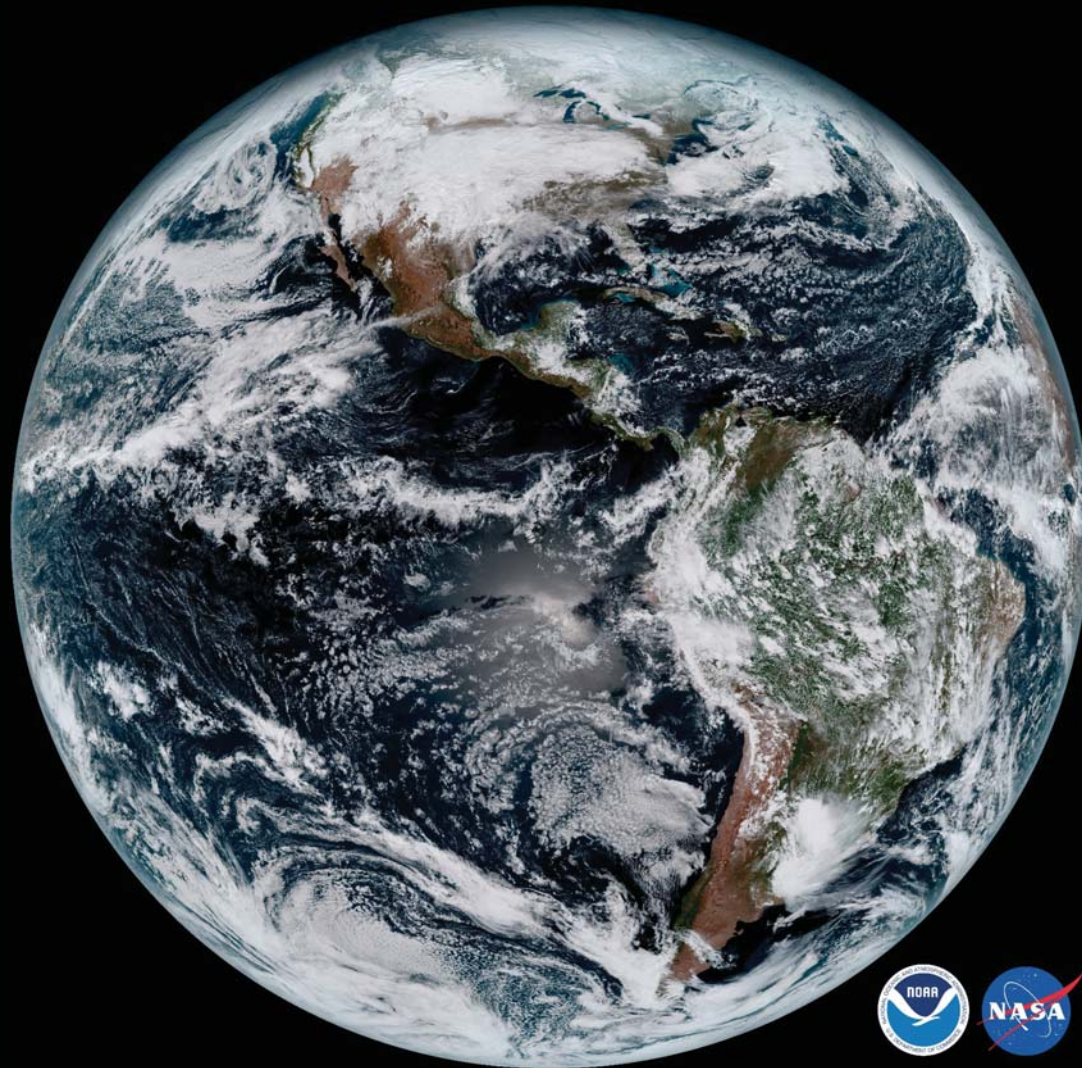
U.S. Department of Defense



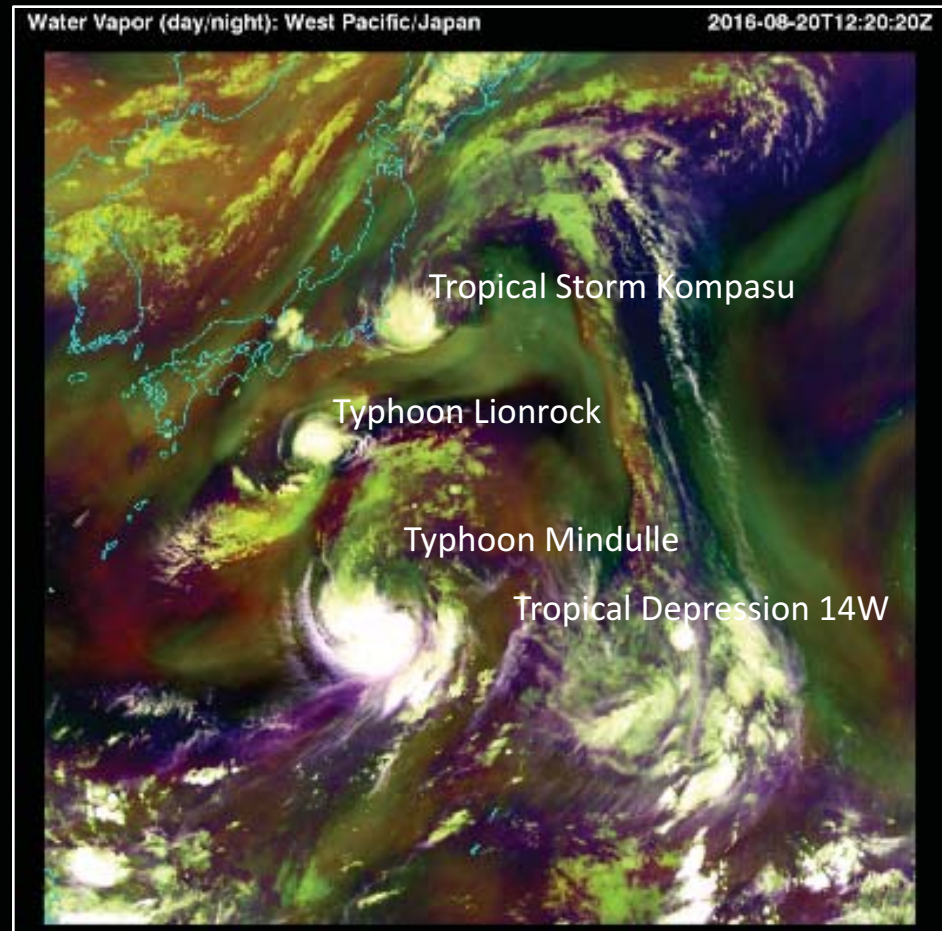
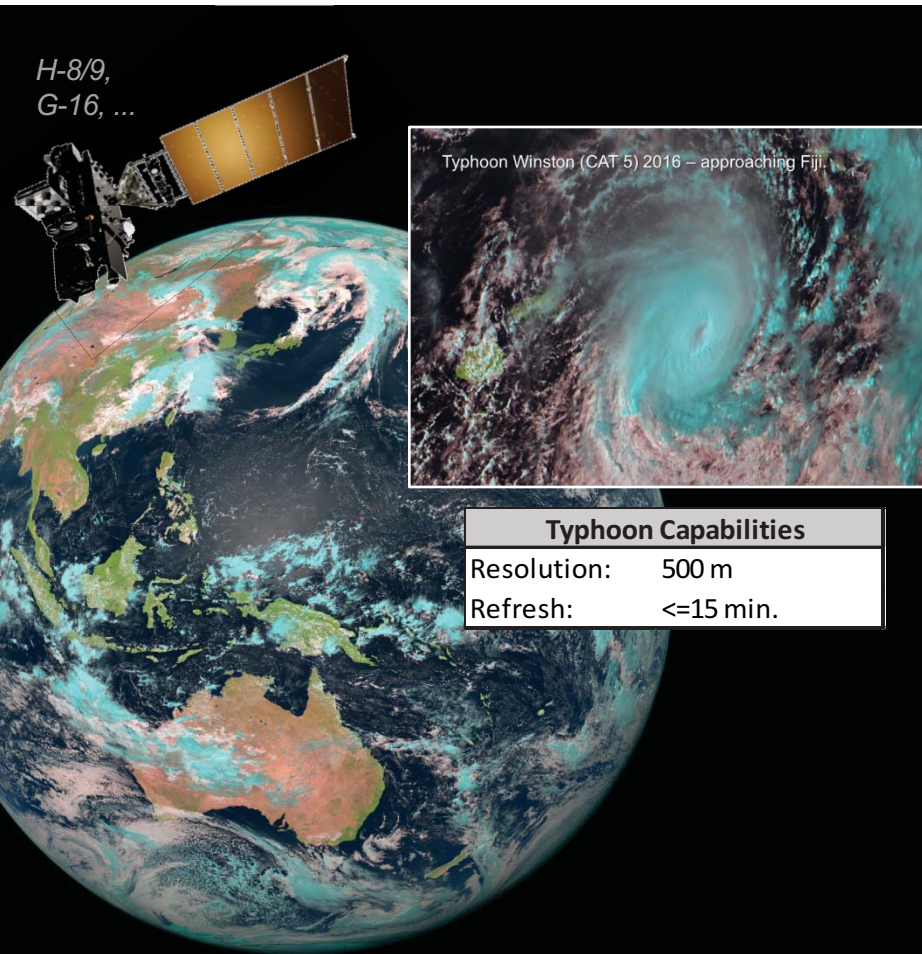
Commercial Customers



A New World of Transparency



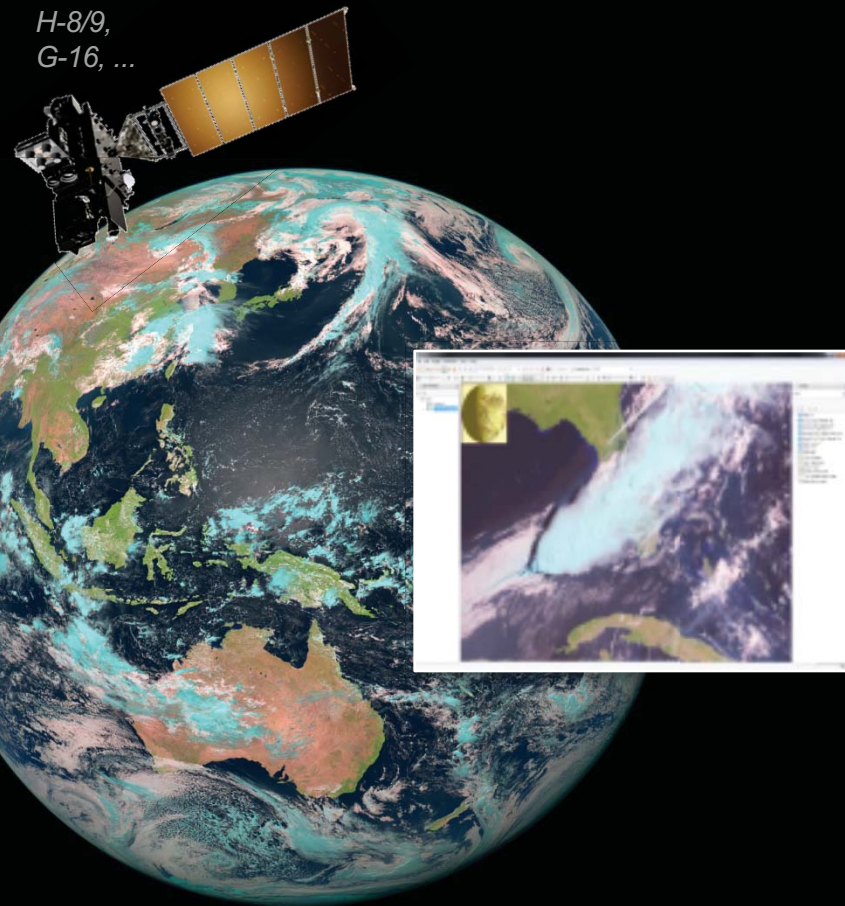
HIMAWARI-8/GOES-16: Next-Gen Earth Observation



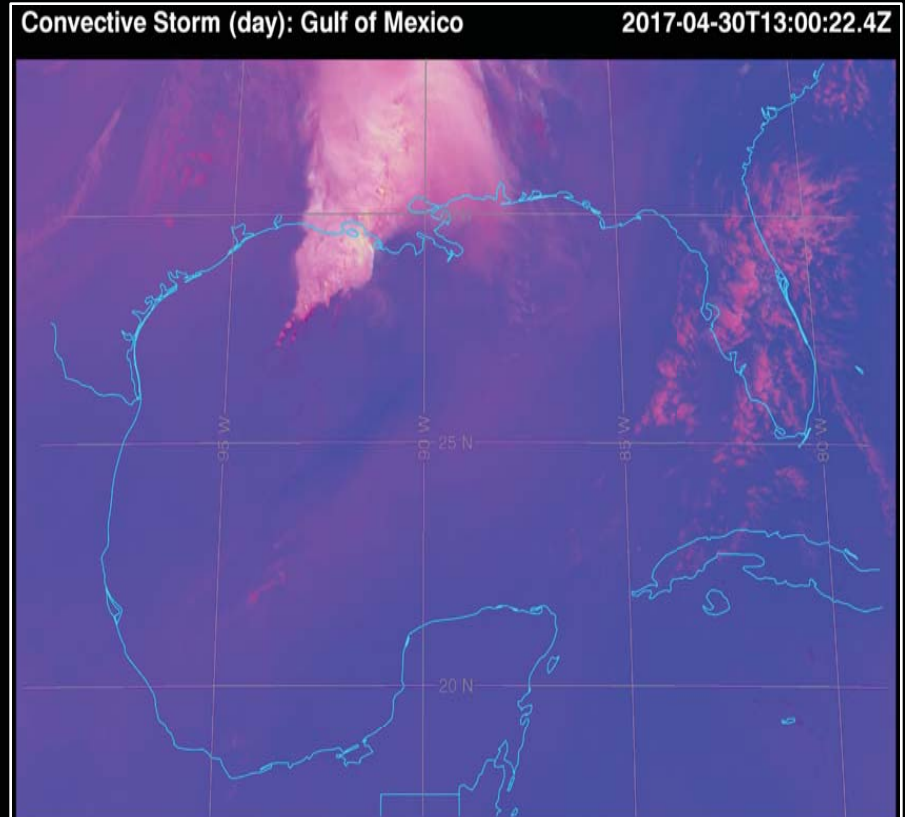
Water Vapor Capabilities	
Resolution:	2 km
Refresh:	<=15 min.

Thunderstorm development

H-8/9,
G-16, ...



THUNDERSTORMS - REAL TIME MONITORING

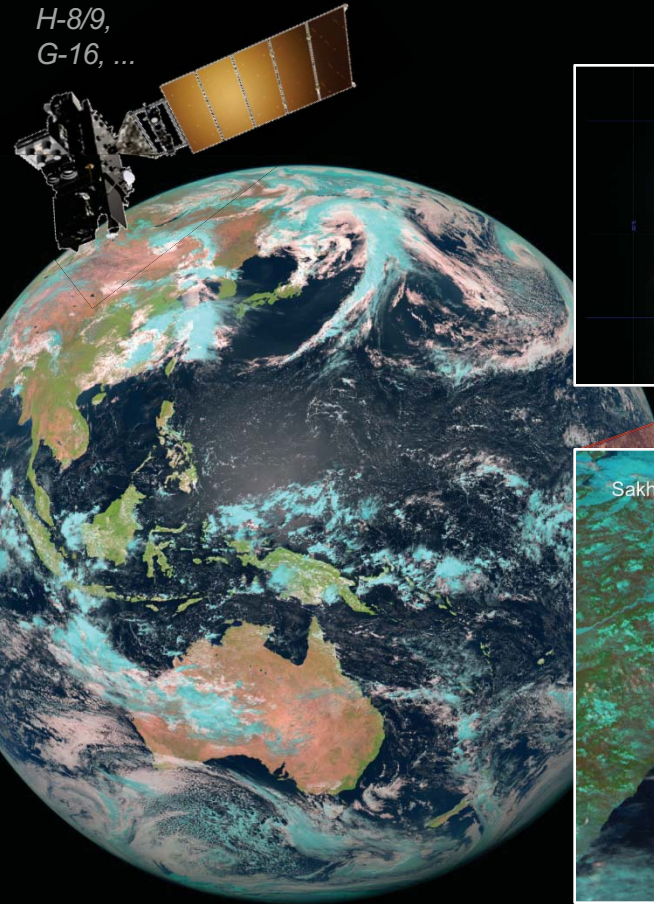


Thunderstorm Capabilities

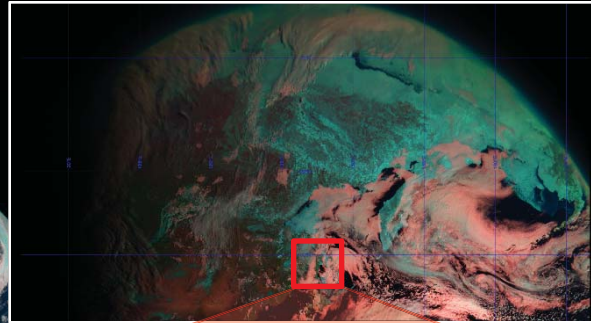
Resolution:	2 km
Refresh:	<=15 min.

Sea ice monitoring

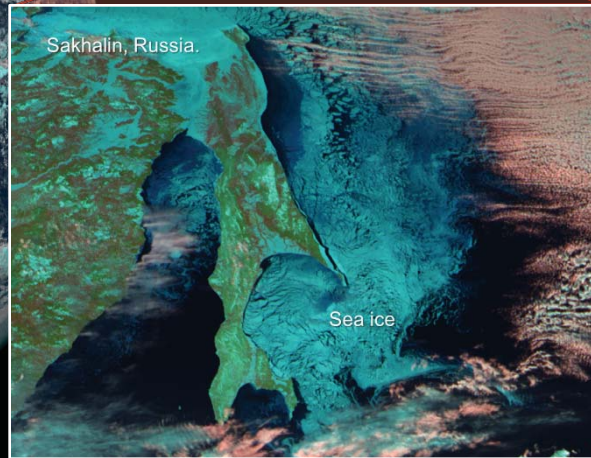
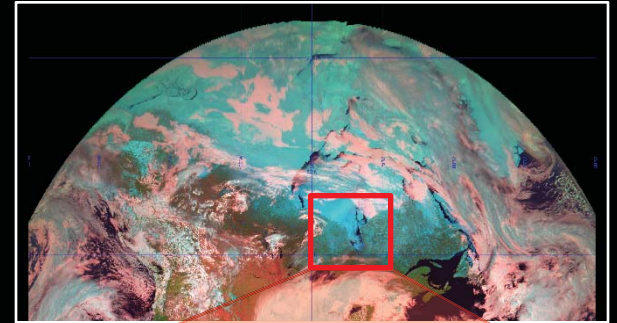
H-8/9,
G-16, ...



EAST HEMISPHERE – ARTIC REGION
Himawari-8 coverage

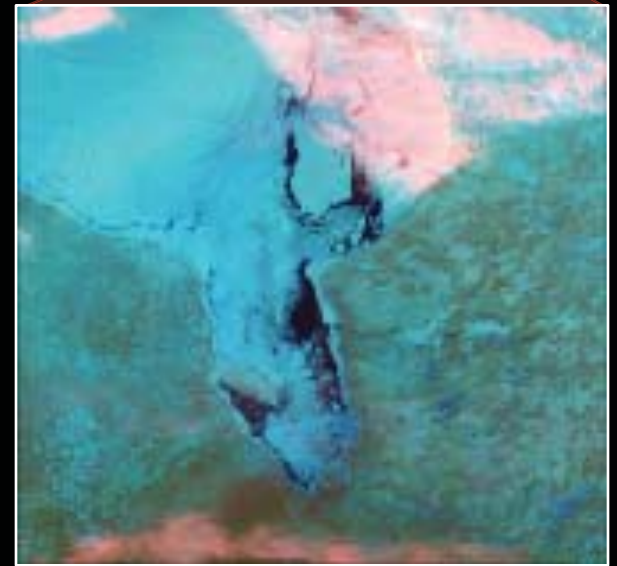


WEST HEMISPHERE – ARTIC REGION
GOES-16 coverage (test position)



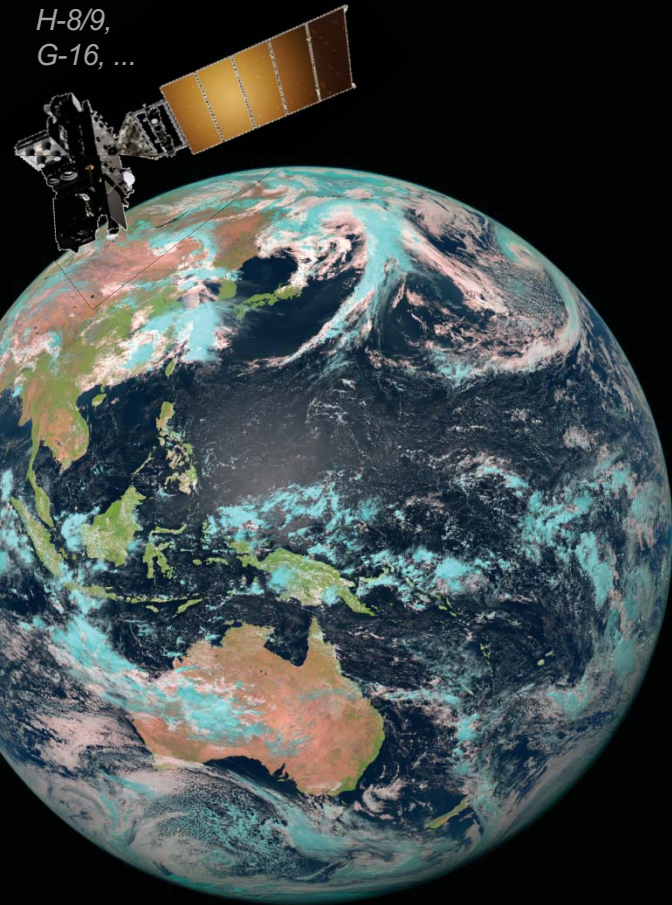
Sea Ice Capabilities

Resolution:	500 m
Refresh:	<=15 min.

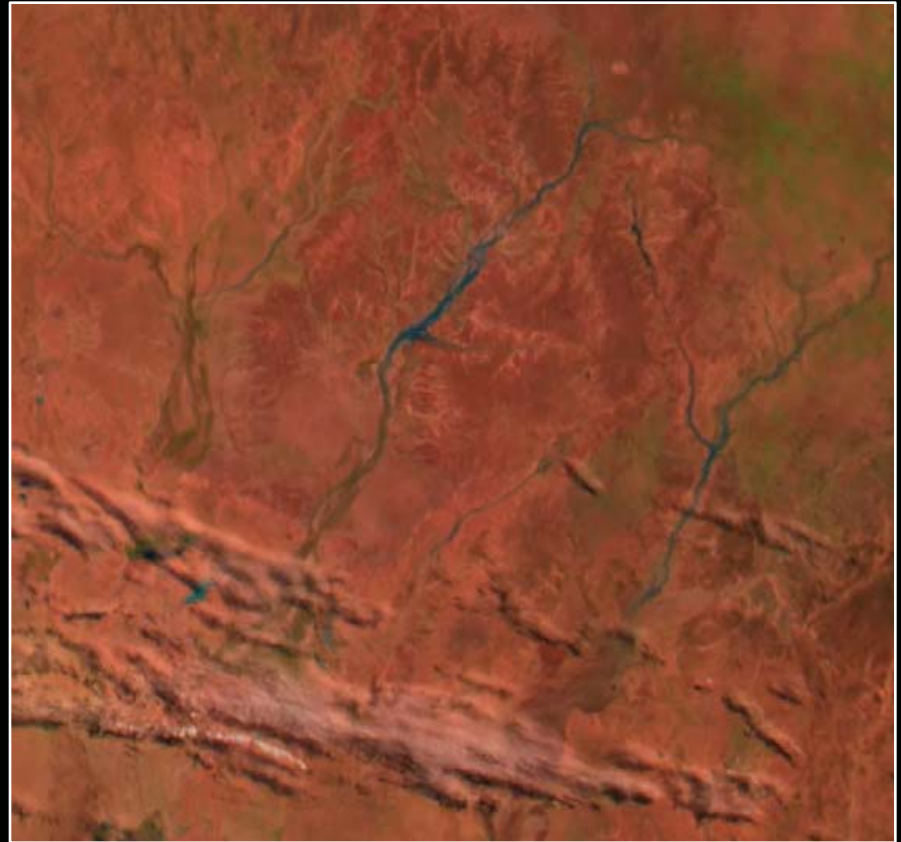


Terrain conditions – soil moisture

H-8/9,
G-16, ...



ARID REGION, SLOW PROGRESSION of MOISTURE
60 day period shown below



Soil Moisture

Soil Moisture Capabilities

Resolution: 500 m

Refresh: <= daily (15 min.)

Soil Moisture