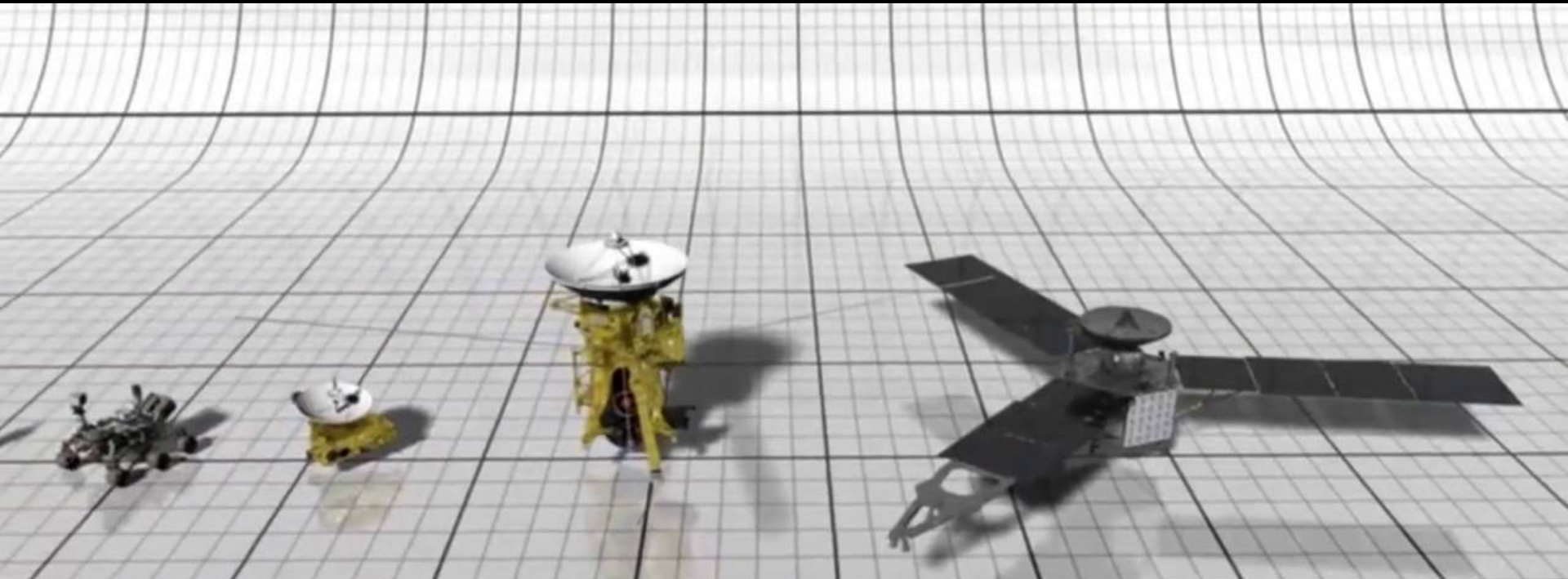


Update on Cassini and Juno Proximity Orbit Results

Timothy E. Dowling
University of Louisville

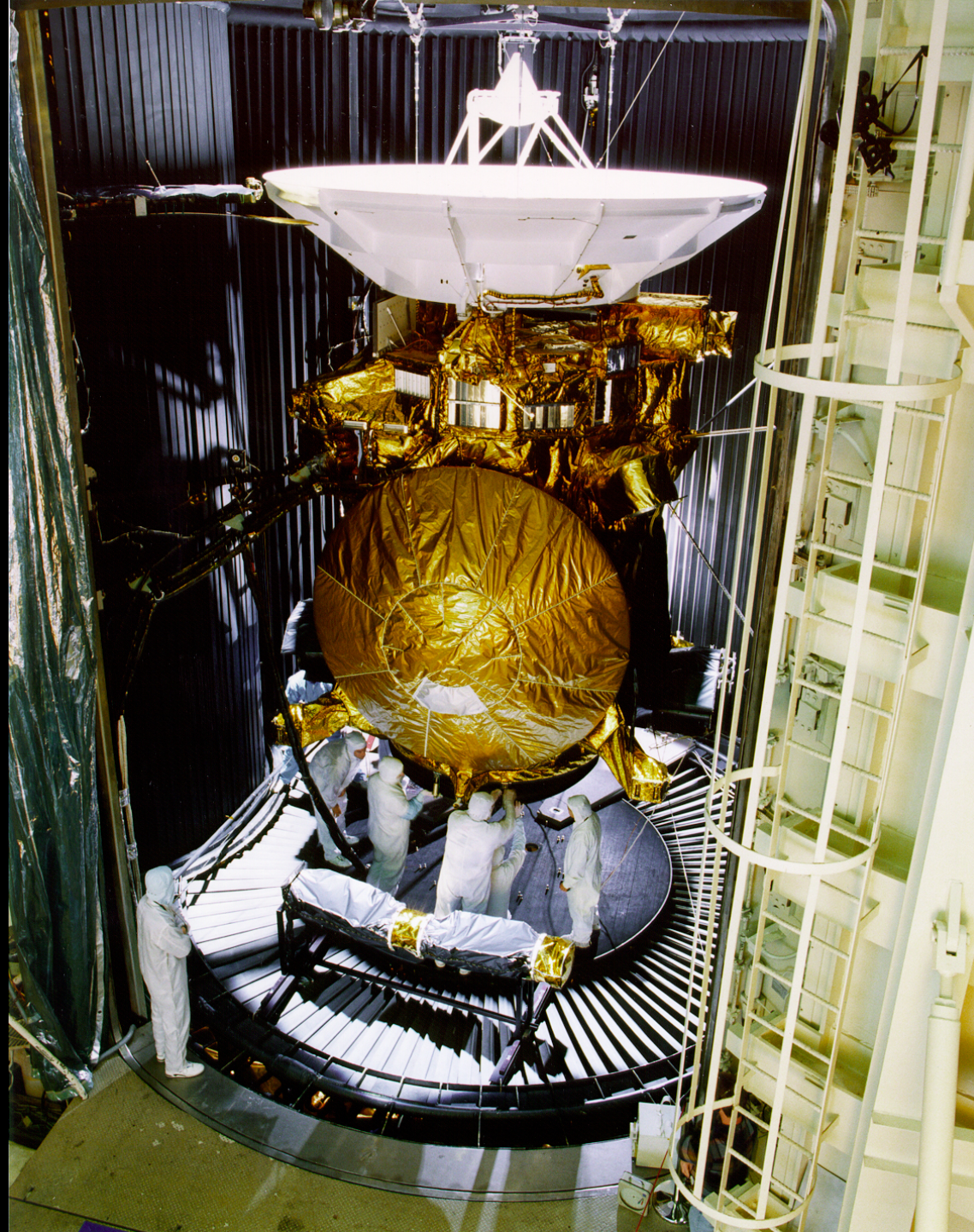


Curiosity

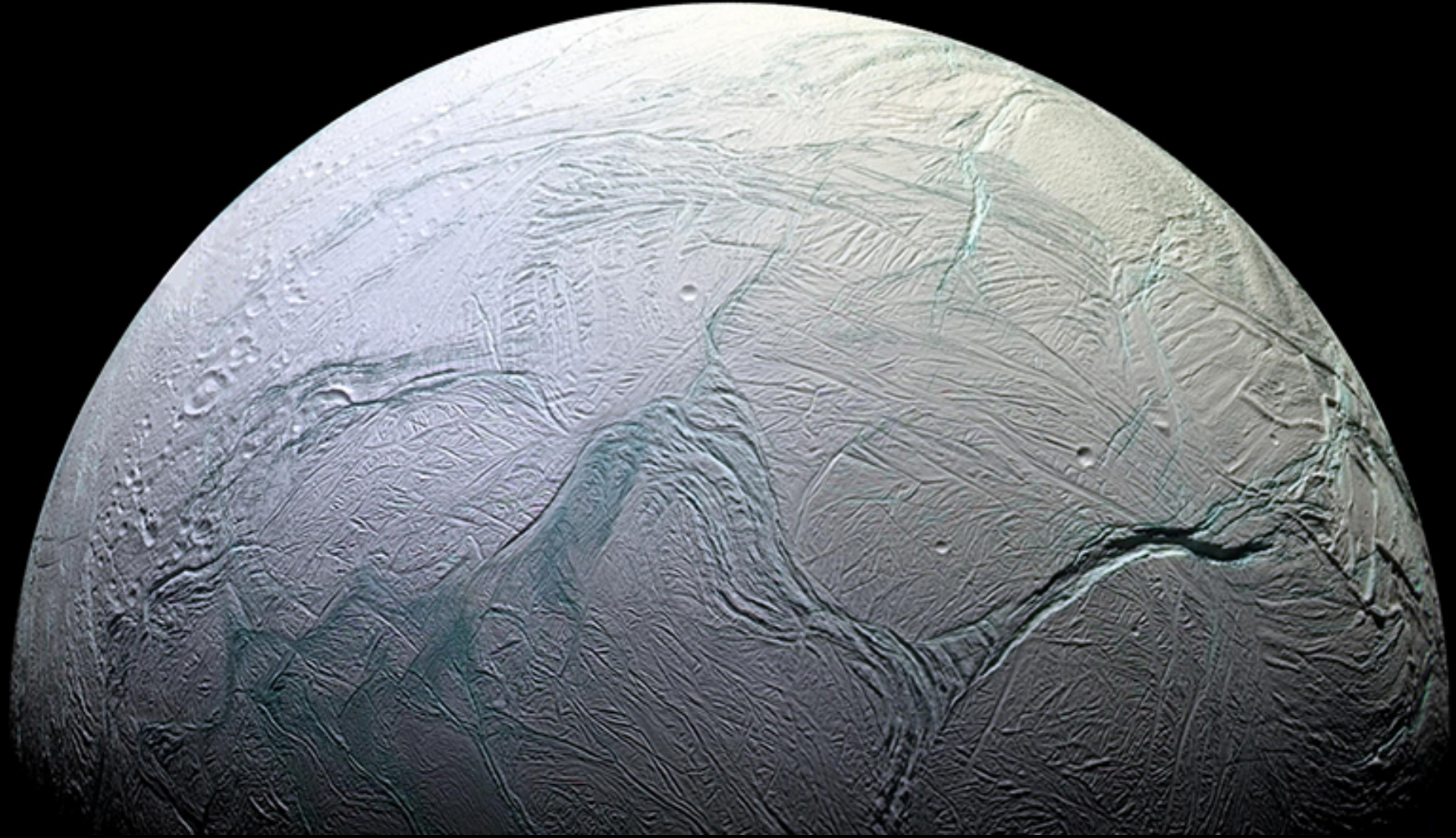
New Horizons

Cassini

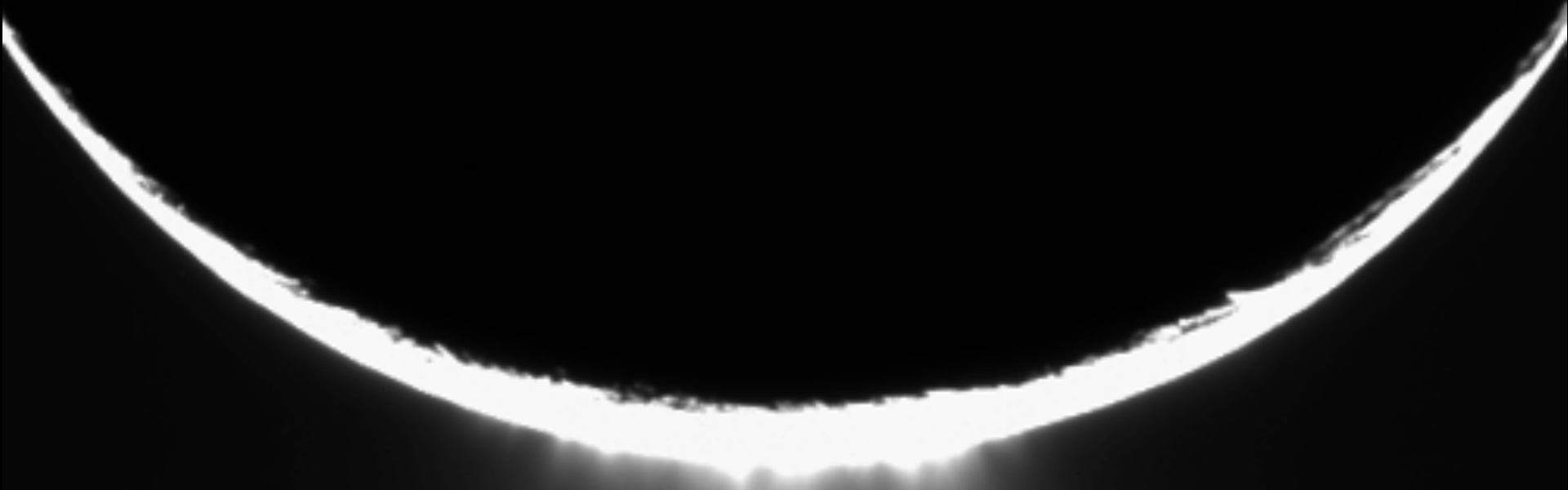
Juno



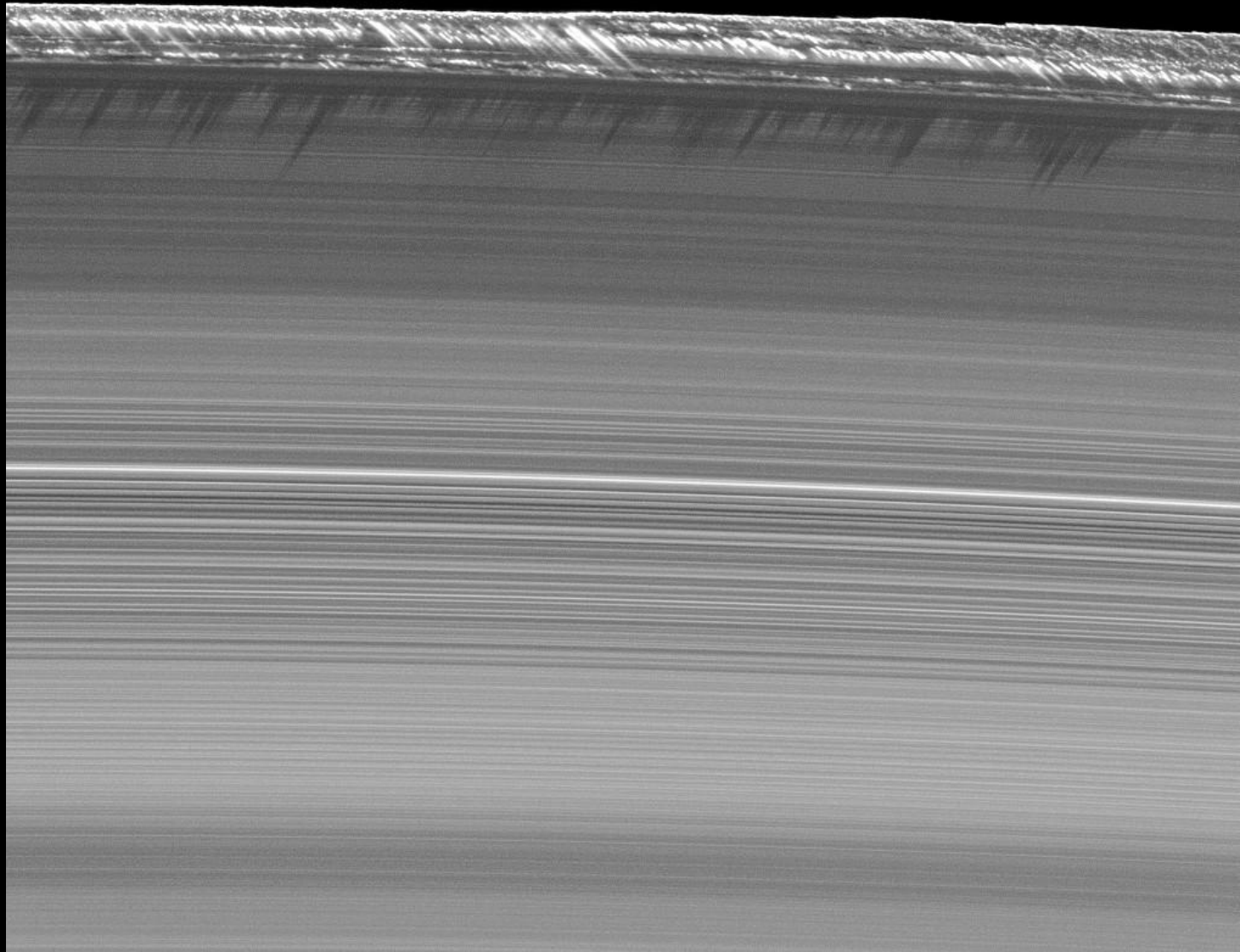
Enceladus



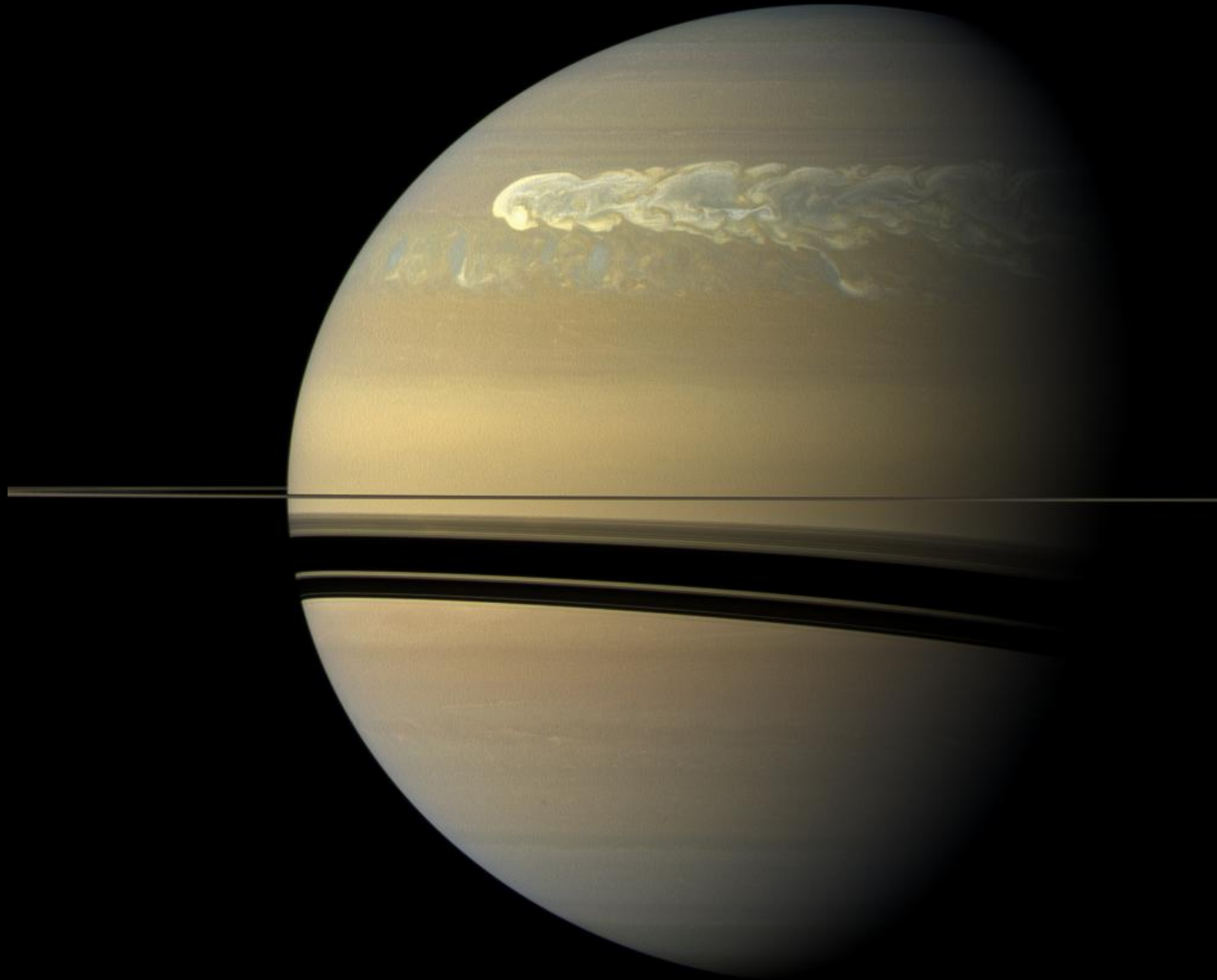
Enceladus: Water Plumes



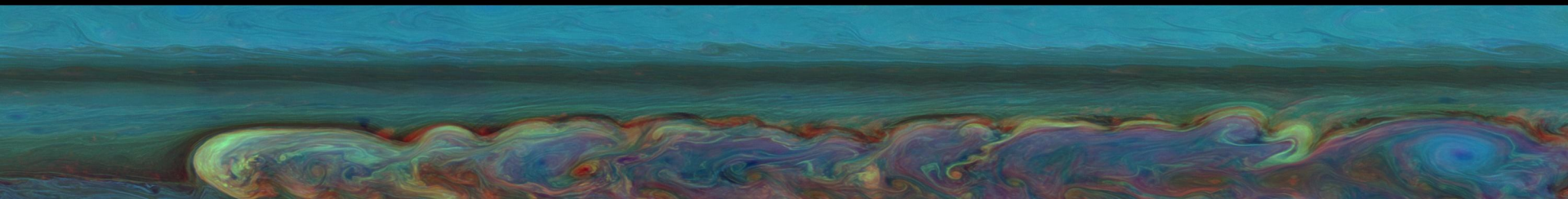
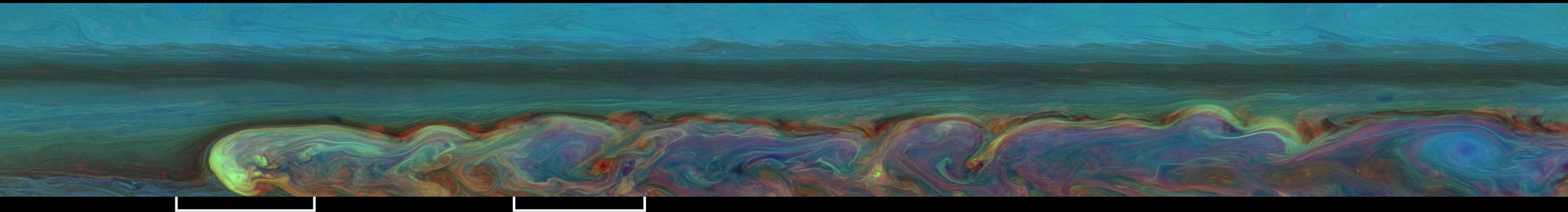
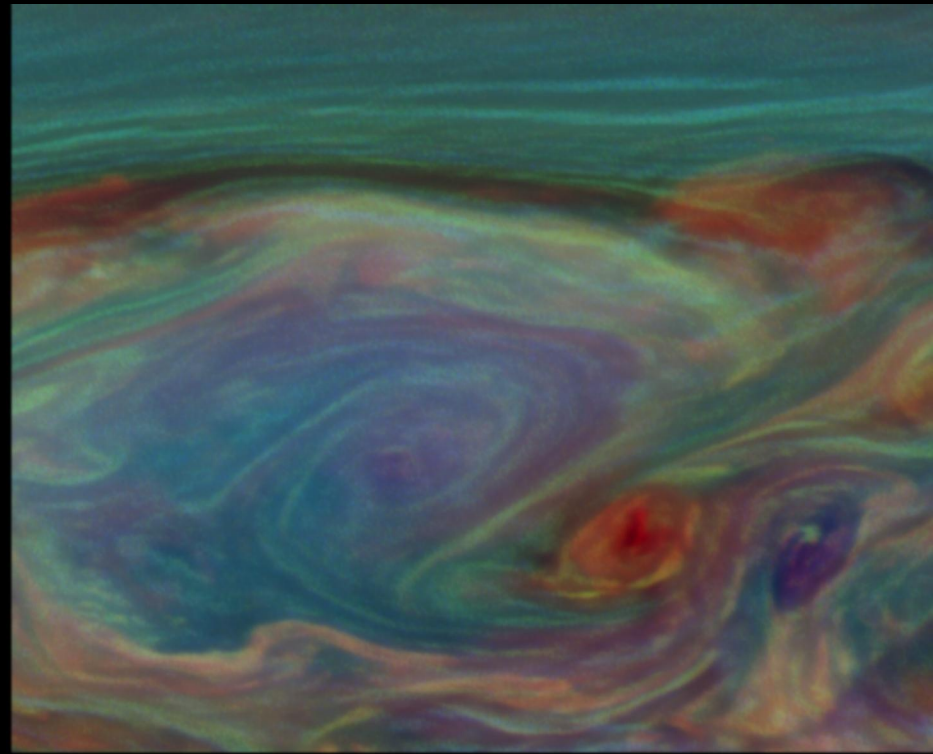
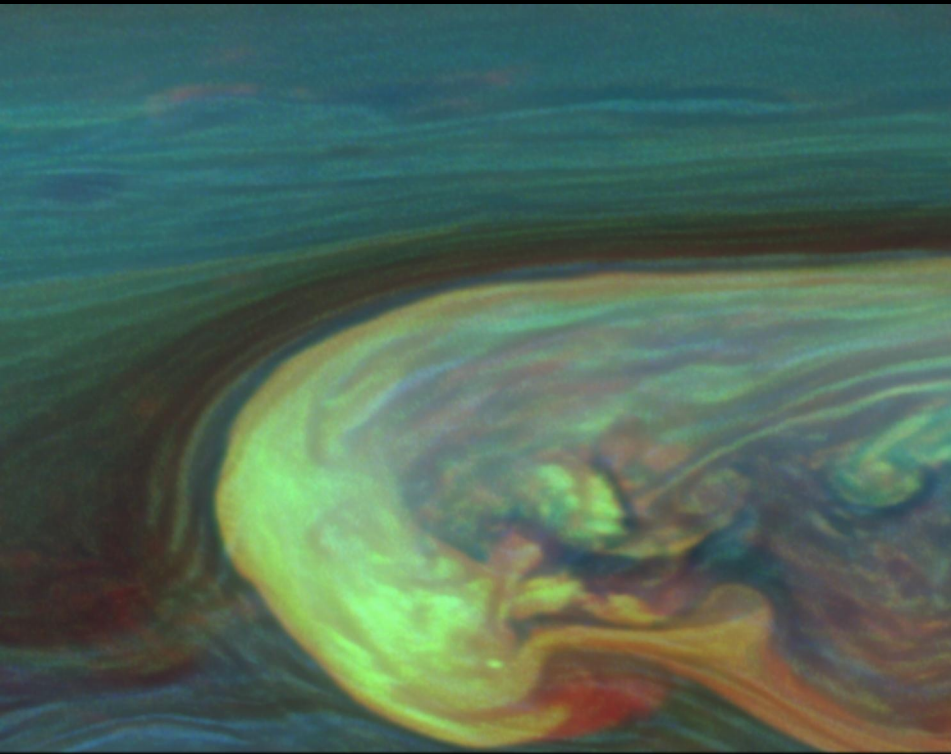
Equinox: B Ring Shadows



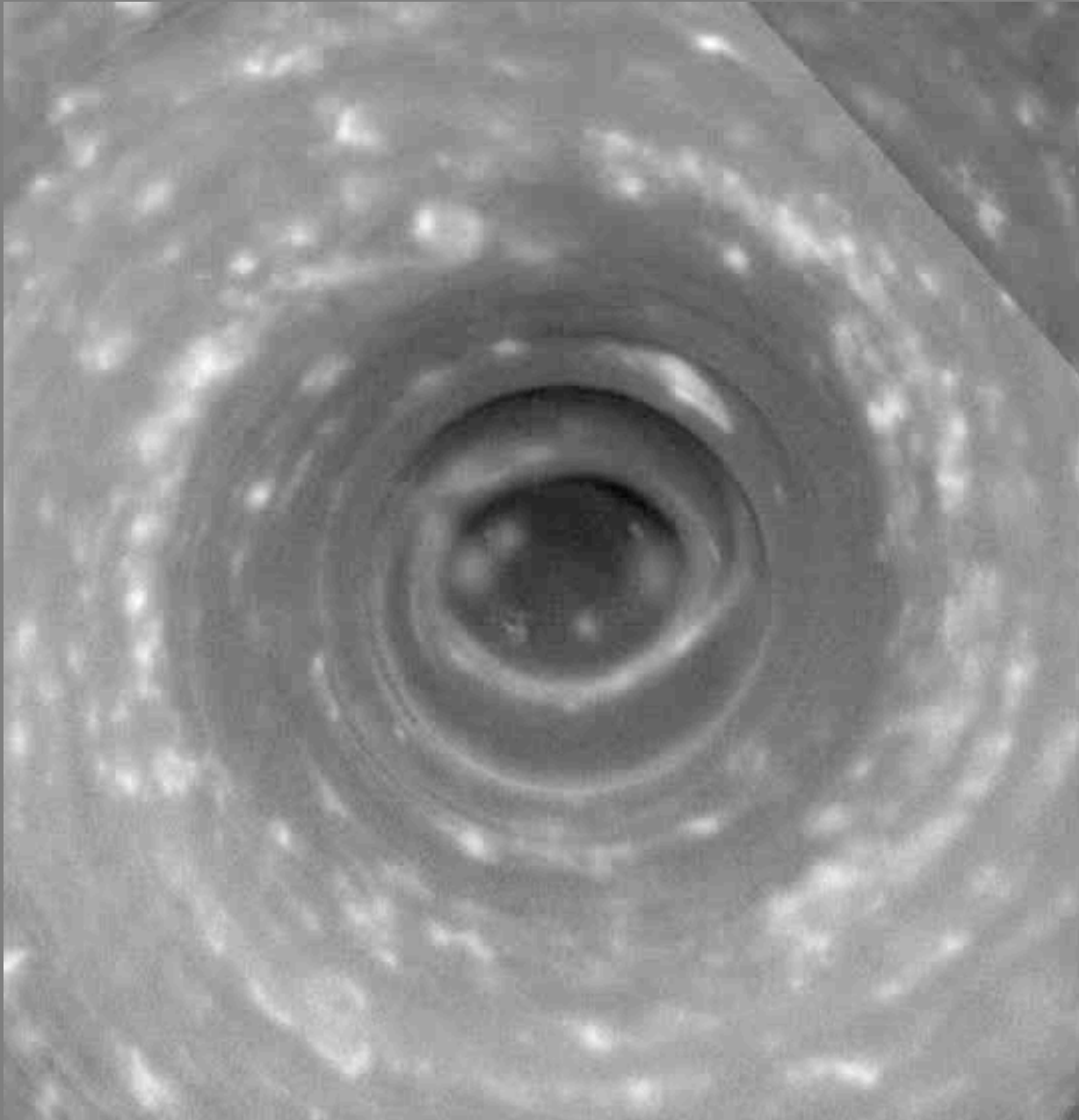
Great White Storm of 2010-2011



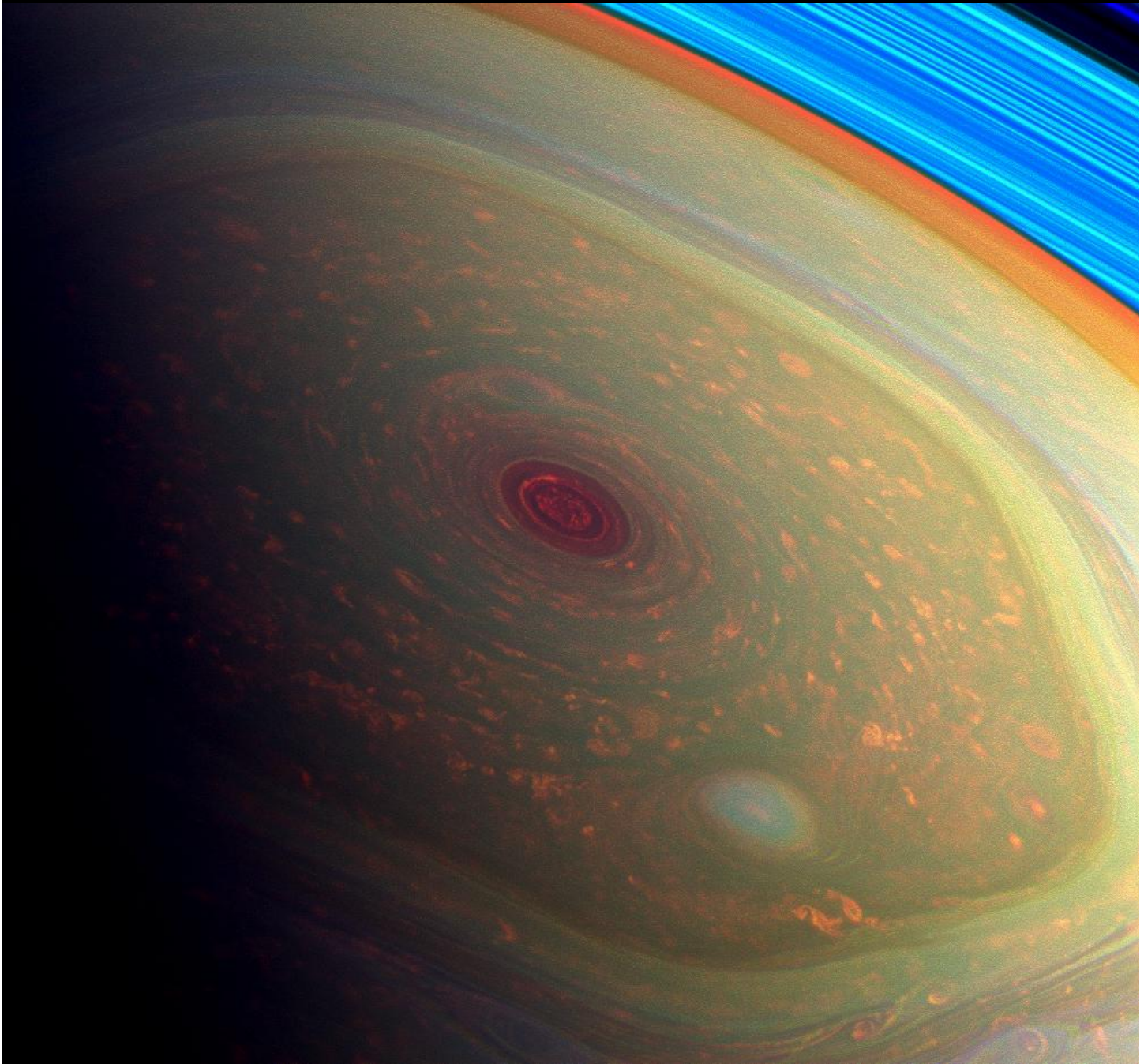
Great White Storm of 2010-2011



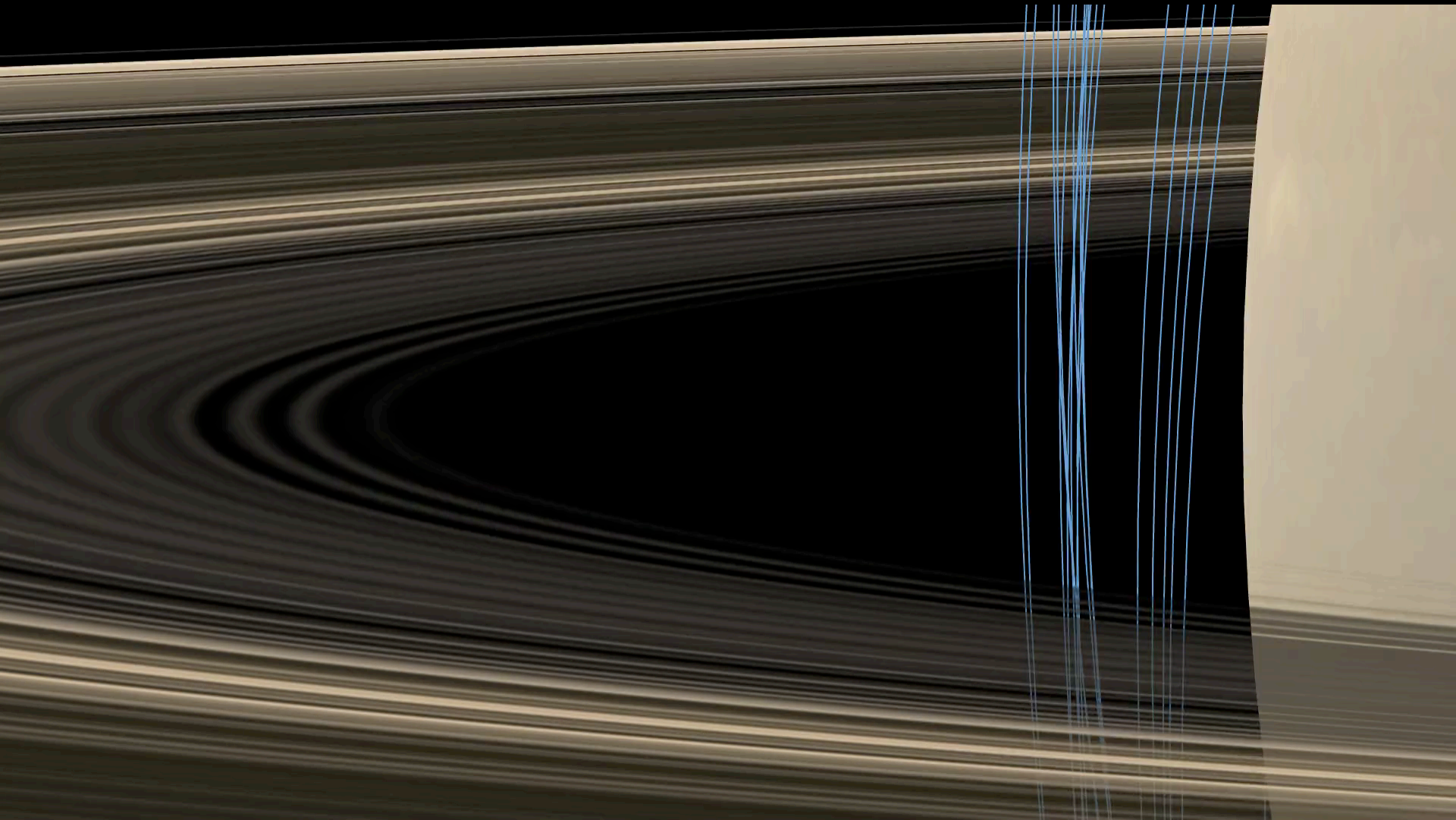
Saturn's South Pole: Double Eye Wall



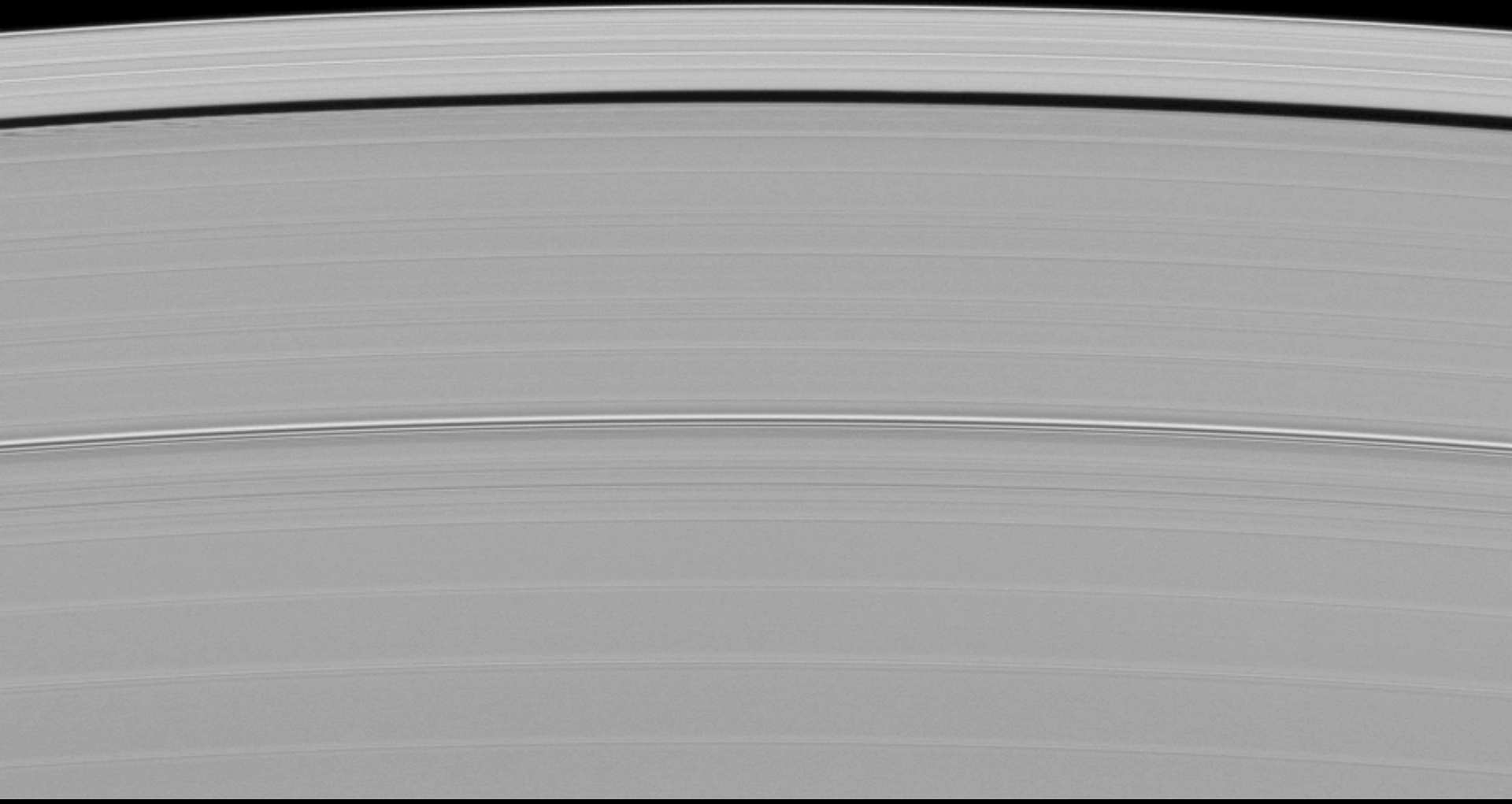
Saturn's North Pole: Hexagon and Eye



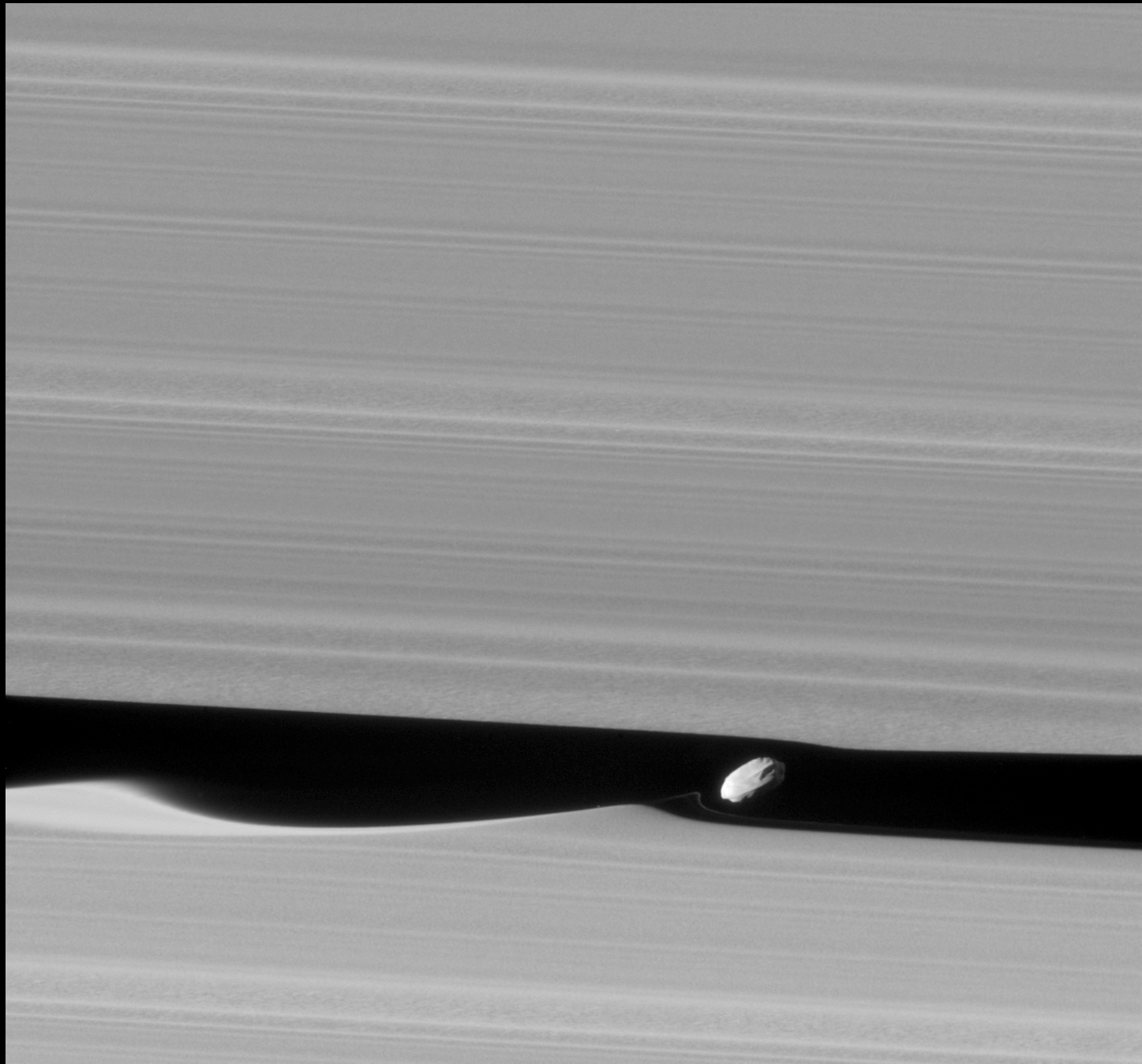
The 22.5 Cassini Grand Finale Orbits



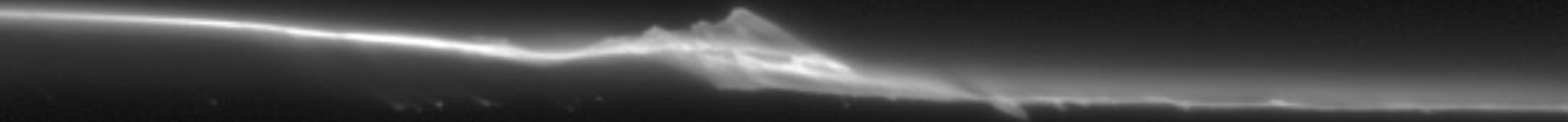
Daphnis Ring Shadows



Daphnis: Ring Waves

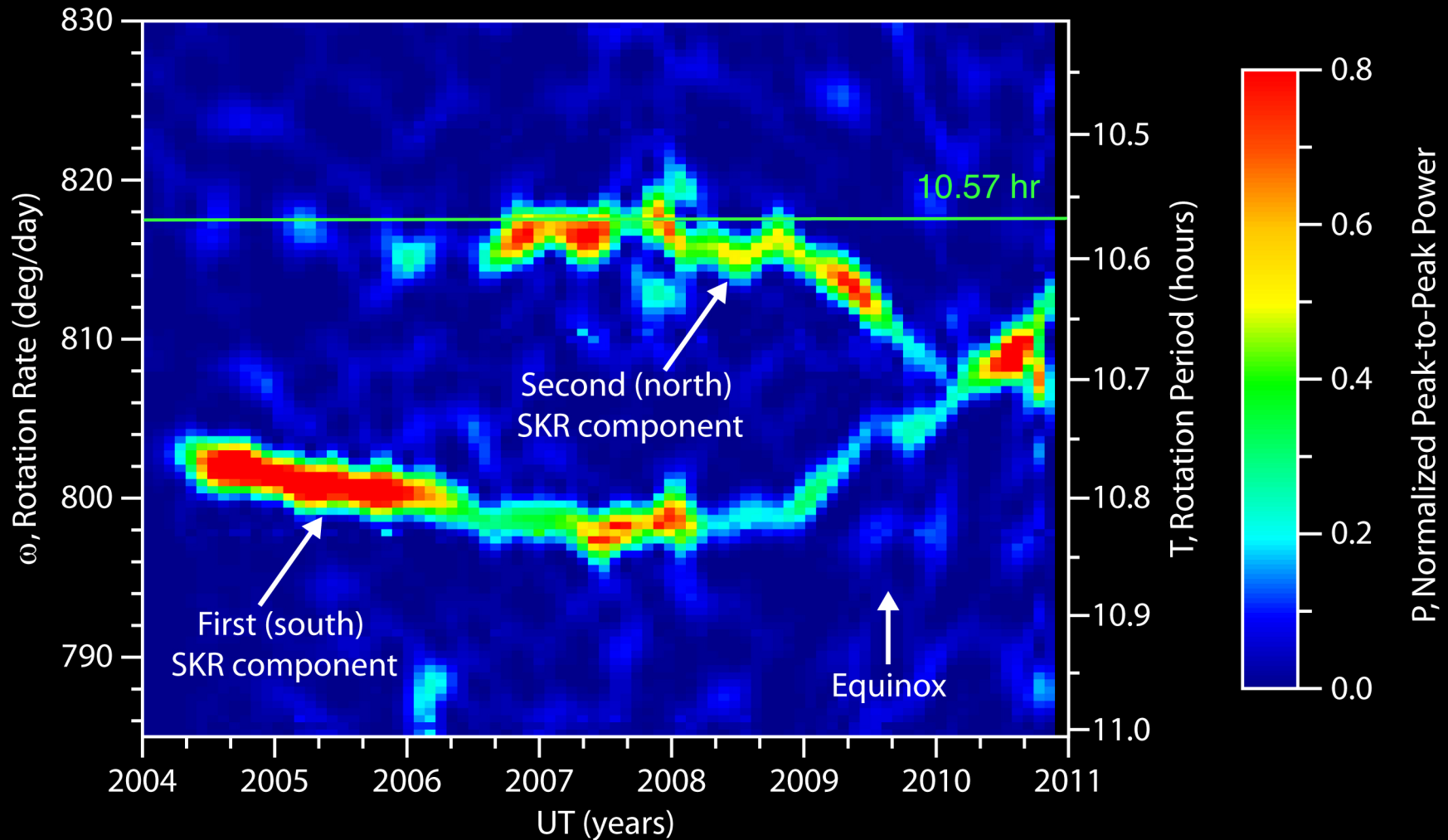


F Ring: High Resolution



Grand Finale: No Tesseral Magnetic-Field Signal Detected

A-D09-064-43



Read, Dowling and Schubert (2009): 10.57 hr: Still awaiting confirmation

Sept. 15, 2017: Cassini End of Mission



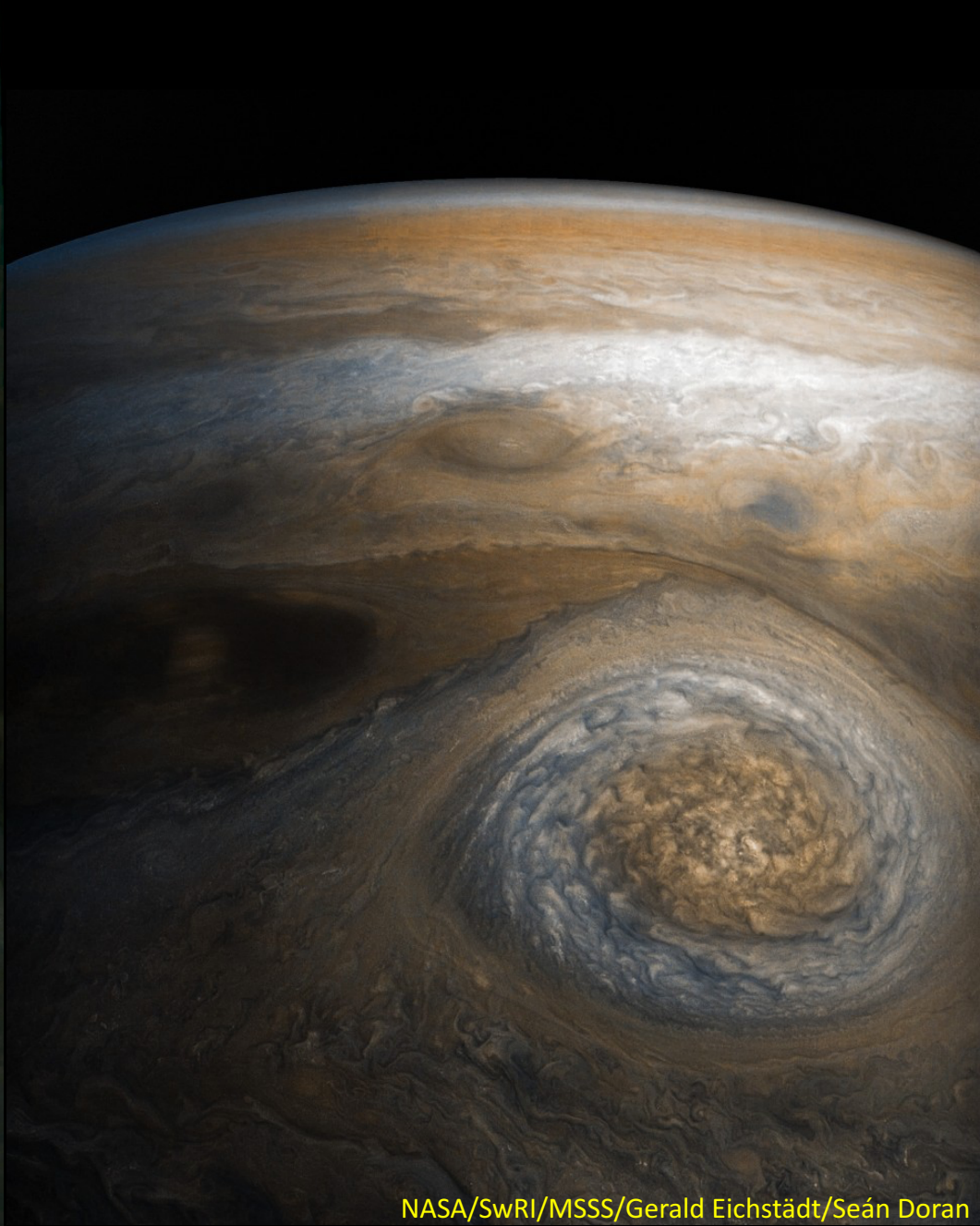
/mdas/

Juno: Orbiting Jupiter, July 4, 2016 to Present





NASA/SwRI/MSSS/Gerald Eichstädt/Alexis Tranchandon/Solaris

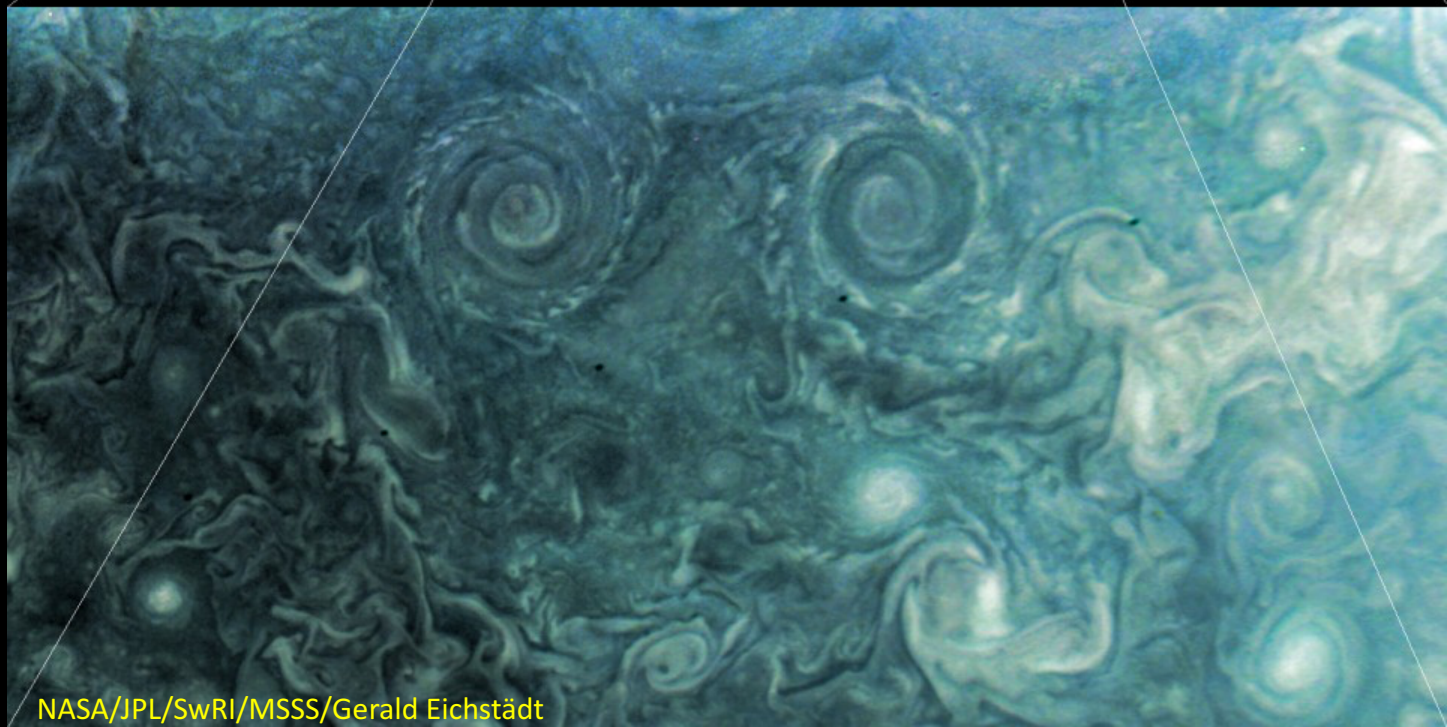
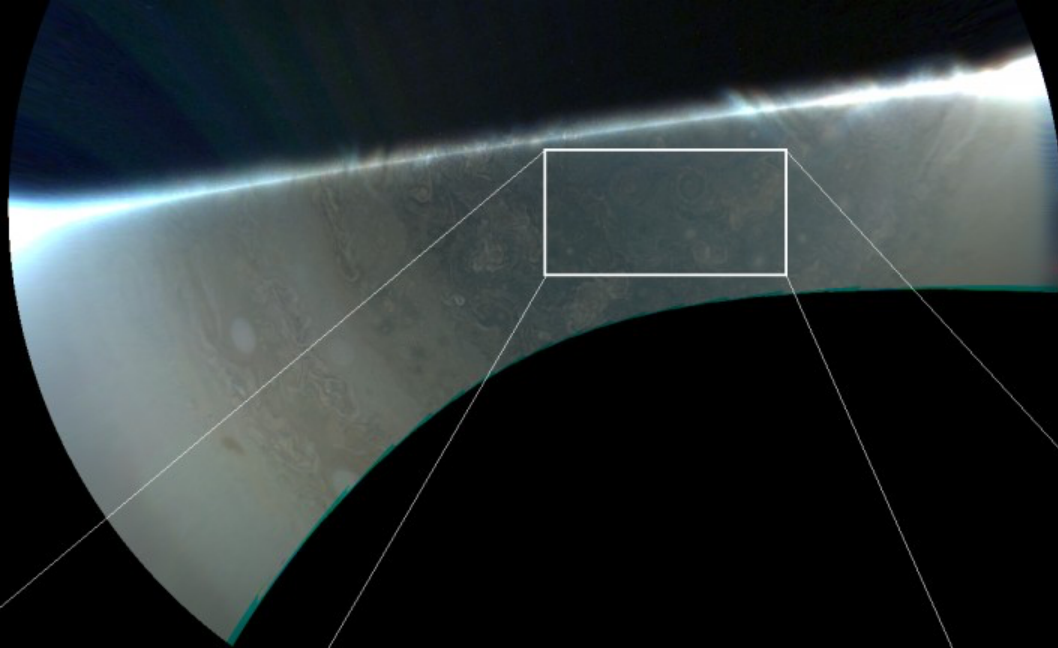


NASA/SwRI/MSSS/Gerald Eichstädt/Seán Doran



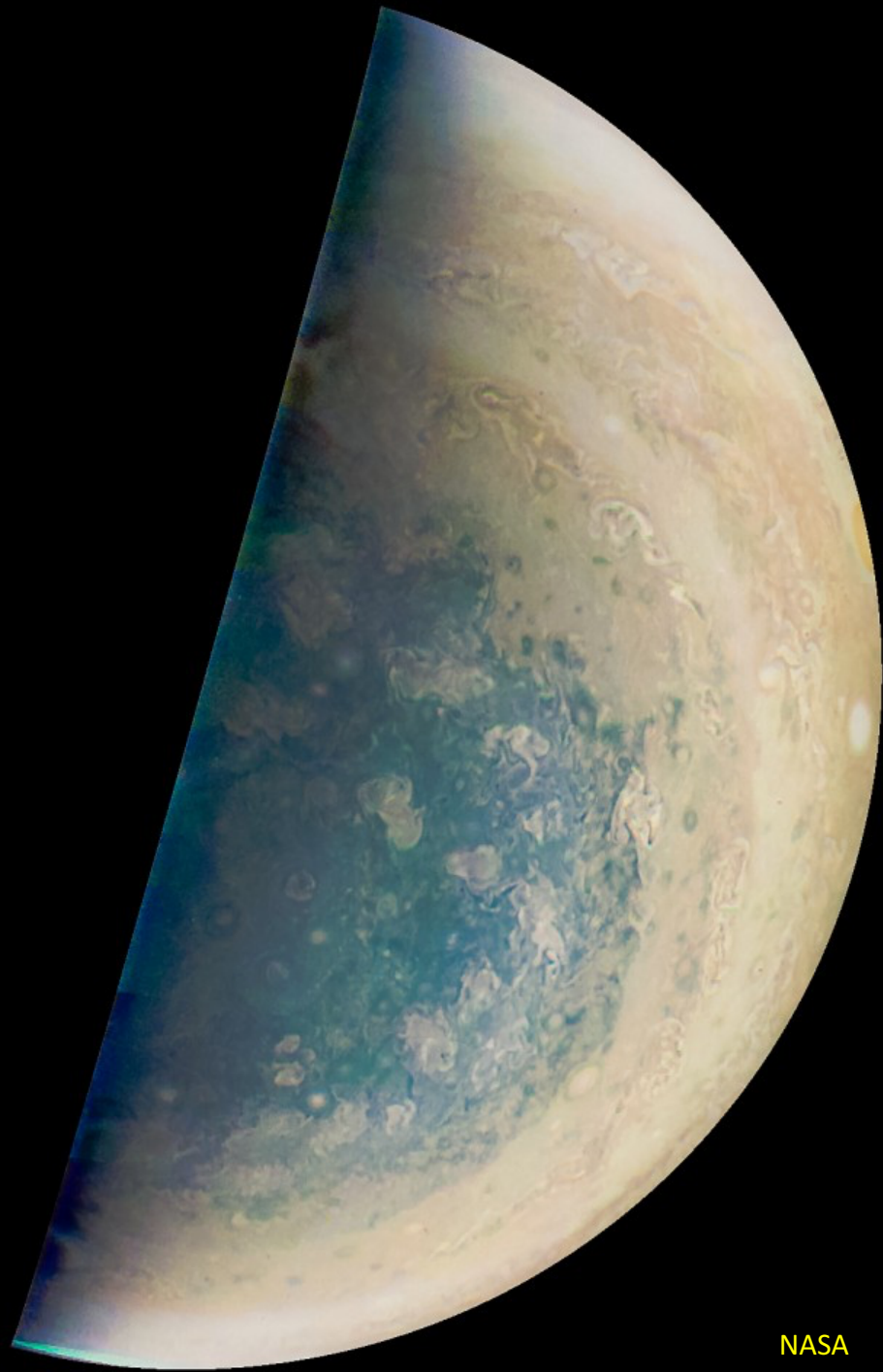


NASA/JPL/SwRI/MSSS/Gerald Eichstadt/Alexis Tranchandon/Solaris



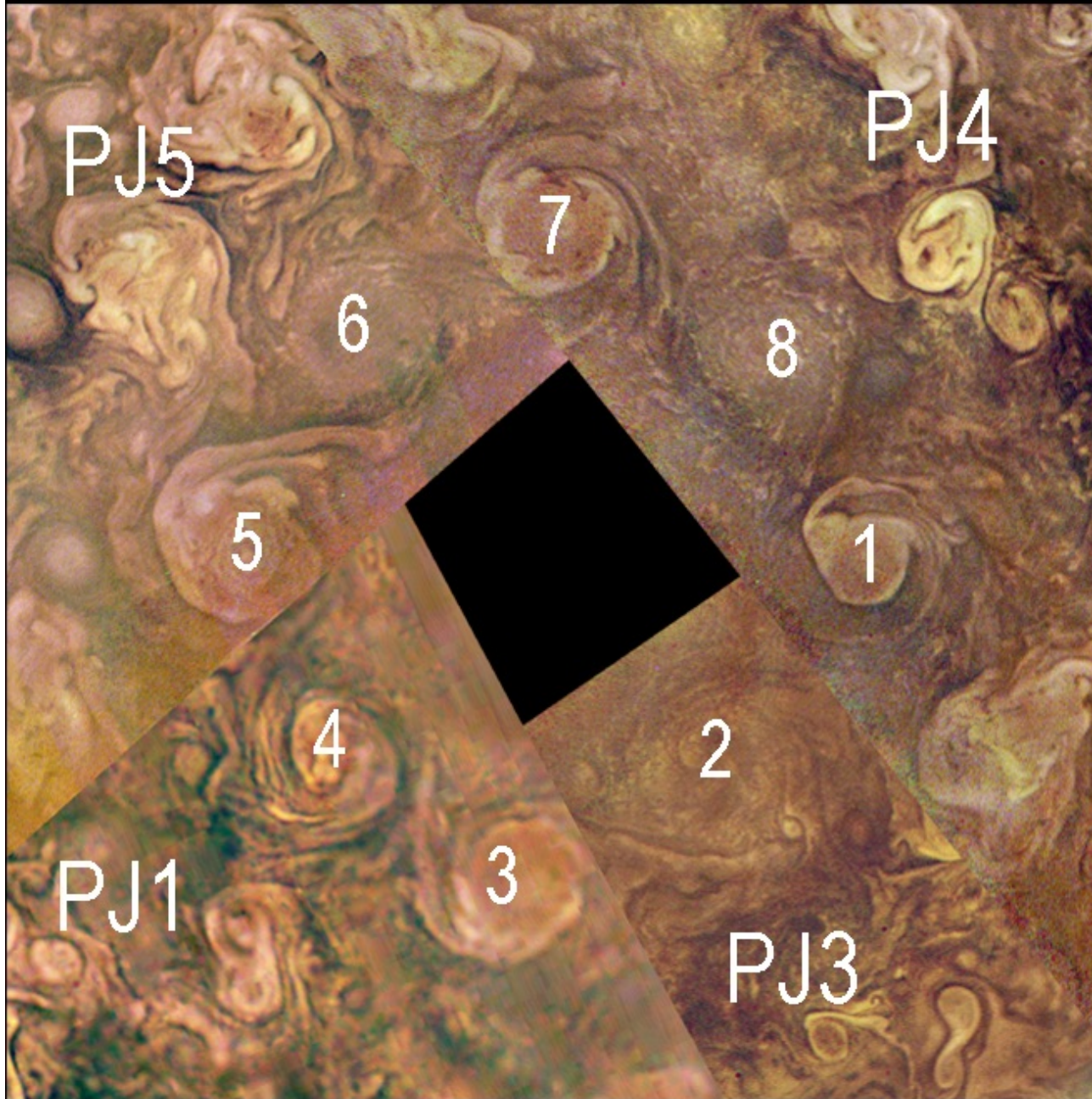
NASA/JPL/SwRI/MSSS/Gerald Eichstädt



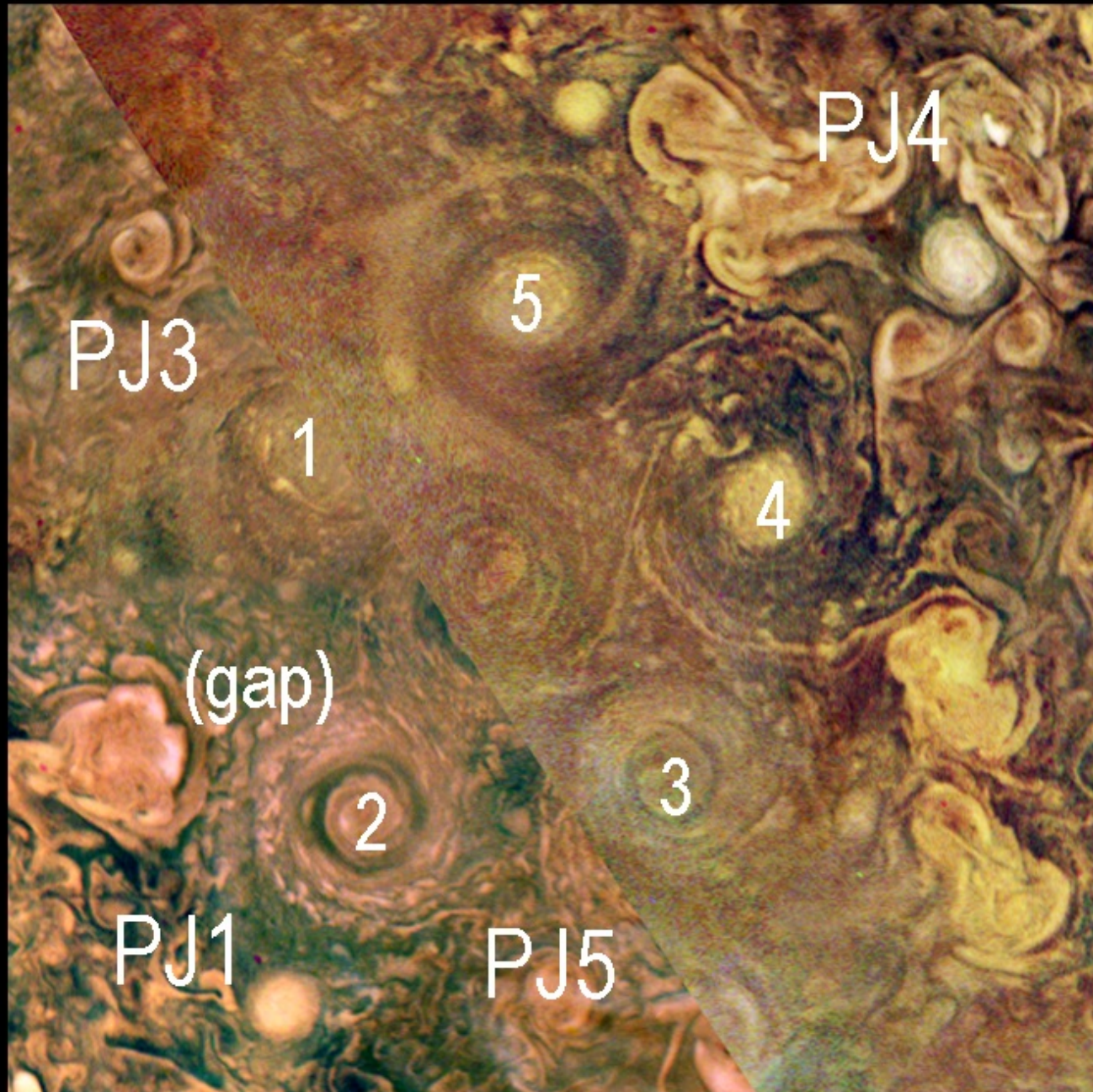


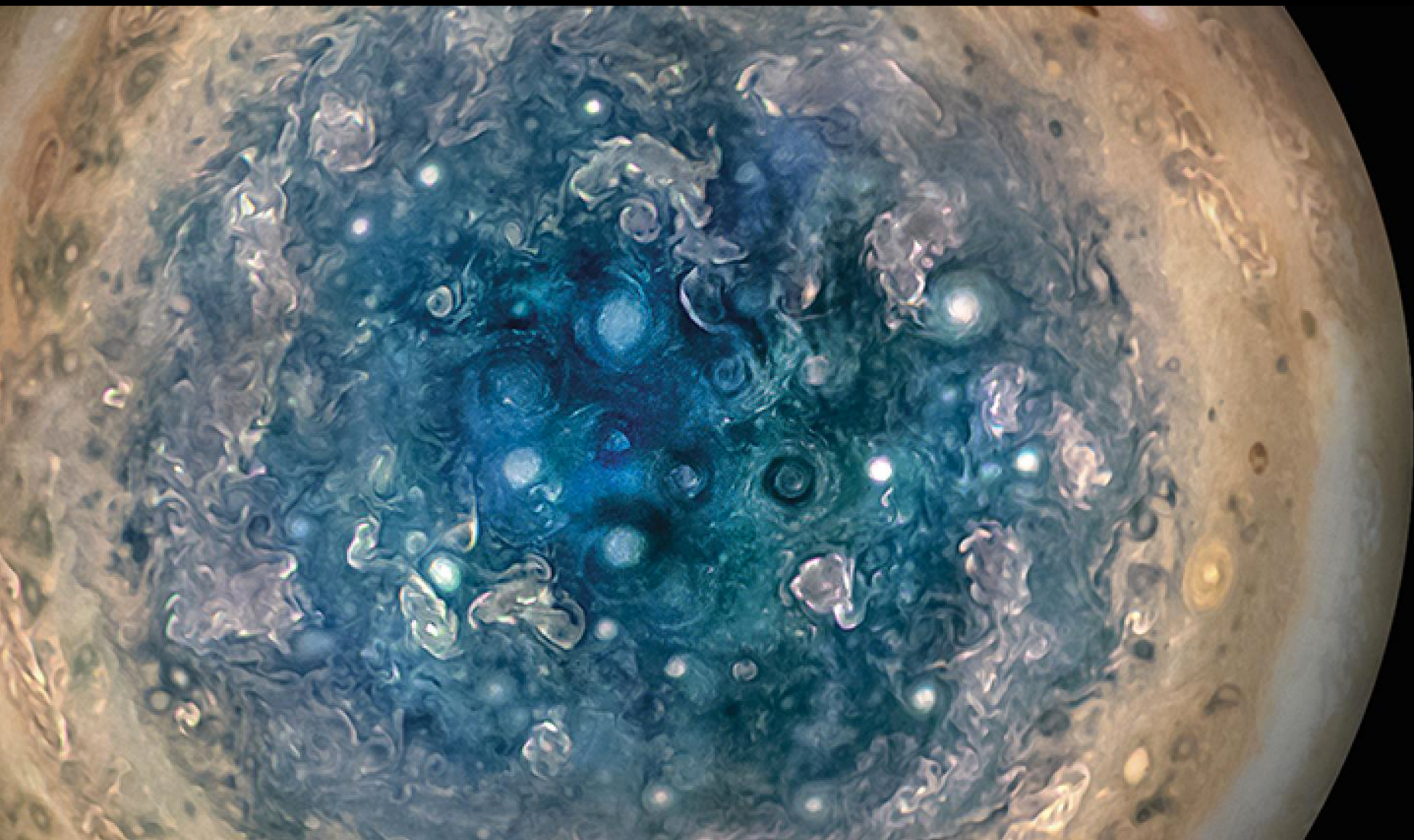
NASA

North Pole



South Pole





Cover of Science 356 (6340), 26 May 2017