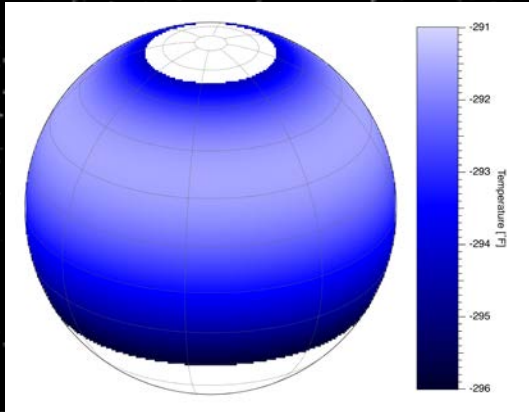


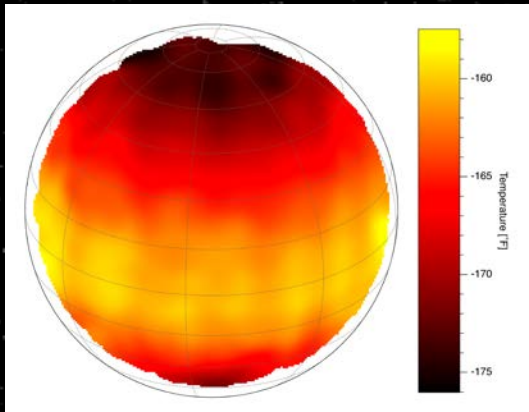
T125: Titan science... cubed



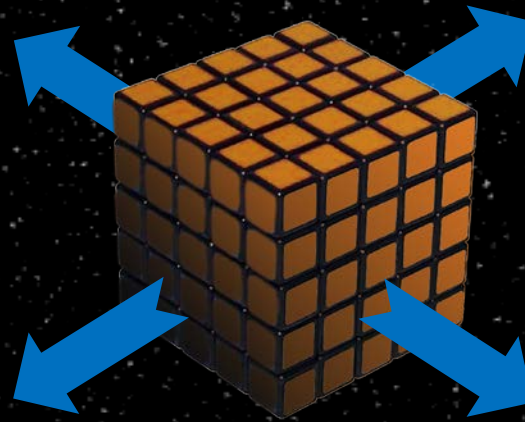
Surface temperatures: the northern hemisphere surface is warming up as summer approaches.



Atmospheric temperatures: Stratosphere temperatures are warmest near the equator and are lagging behind changes at the surface.

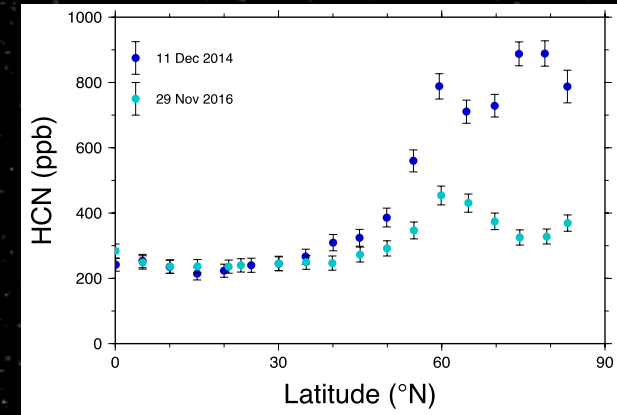


During the penultimate Titan flyby, Cassini CIRS celebrated 5³ flybys of Titan thermal infrared science...



...by tackling Titan's puzzle from all sides.

Seasonal changes: hydrogen cyanide abundance are falling at the north pole from 2014 (dark blue) to 2016 (light blue) as summer sunlight advances.



Trace gases: Titan's minor gases, hydrocarbons and nitriles, show response to atmospheric circulation (winds) and vertical motions (gravity waves) producing local enhancements in their abundance.

