Just after its close flyby of Jupiter on November 3rd, 2019, NASA’s Juno spacecraft caught this striking view of Jupiter’s southern hemisphere as the spacecraft sped away from the giant planet. This image was taken on the Juno spacecraft’s 23rd close flyby of Jupiter. It captures massive cyclones near Jupiter’s south pole, as well as the chaotic clouds of the folded filamentary region — the turbulent area between the orange band and the brownish polar region.

When this image was taken, Juno was traveling at ~137,000 km/hour relative to the planet. A little more than an hour earlier — at the point of closest approach to the cloud tops — the spacecraft reached speeds relative to Jupiter in excess of 209,000 km/hr.