John Rogers (BAA) (2021 Jan.29)

Figures (small copies)

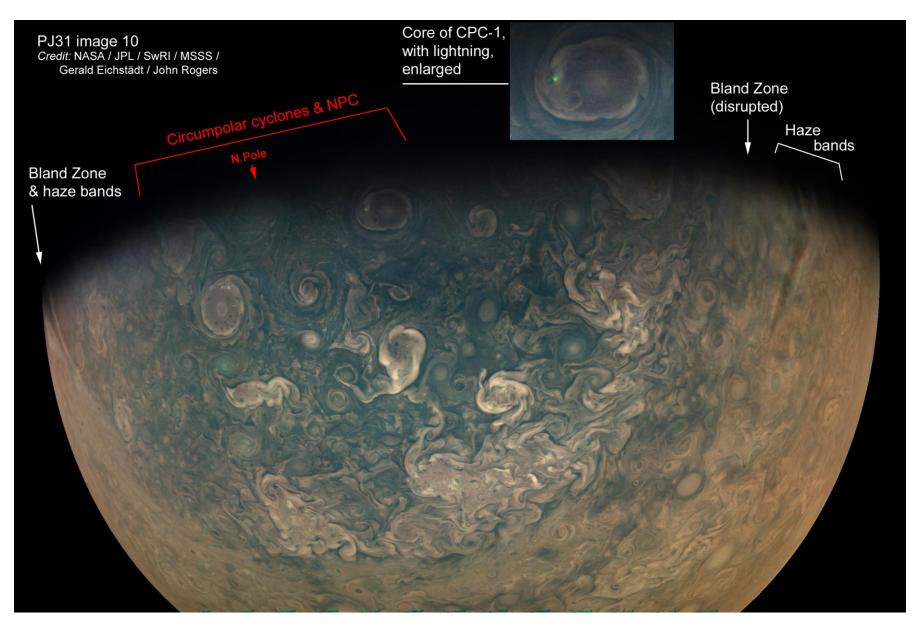


Figure 1

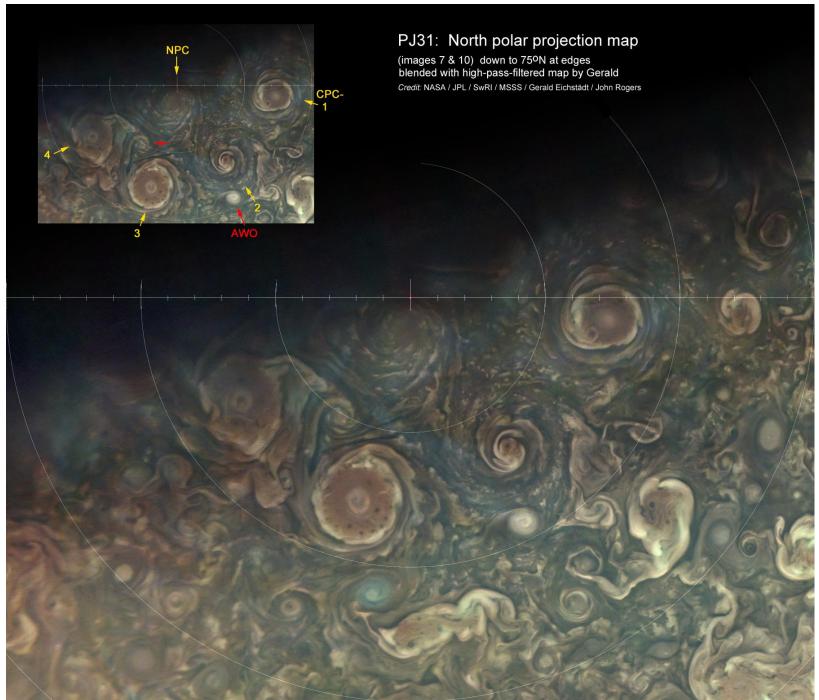


Figure 2.

Figure 3. North polar projection maps, down to low latitudes: (A) RGB, (B) CH4.

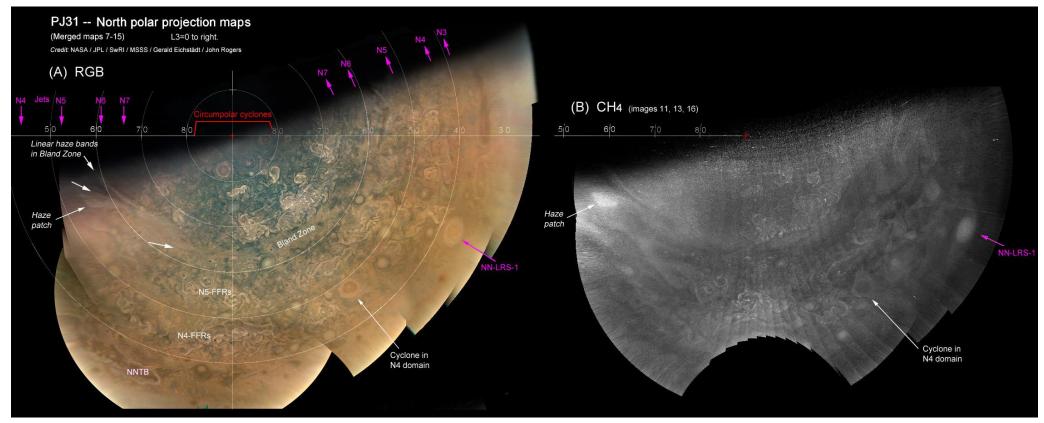


Figure 4. Image 15; north up. (a) Most of the image (Gerald's version, reduced), showing the Bland Zone with a brown haze band within it, a very bright FFR north of it, and a N5-AWO south of it. (b) Excerpt, enhanced, showing a cluster of small cyclonic vortices. (c) The same region in an artistic 3D representation by Ryan Cornell (from the JunoCam web site).

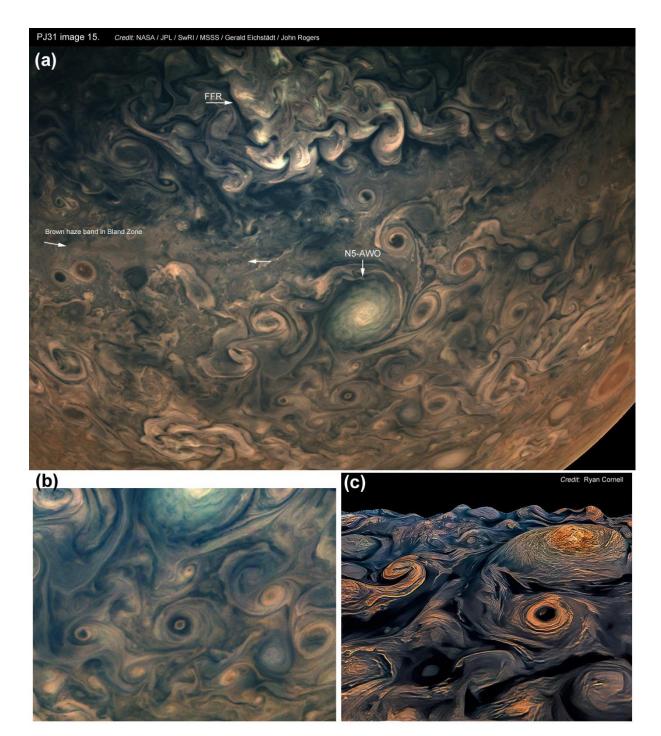


Figure 5. Image 19. The left half includes a large FFR, with beautiful multi-level cloud features among its writhing filaments. (Processed by Gerald Eichstädt. A beautiful rendition of the same image was also posted by Kevin Gill.)



Figure 6. Ground-based maps around the date of PJ31 including Clyde Foster's best image of the track three days before.

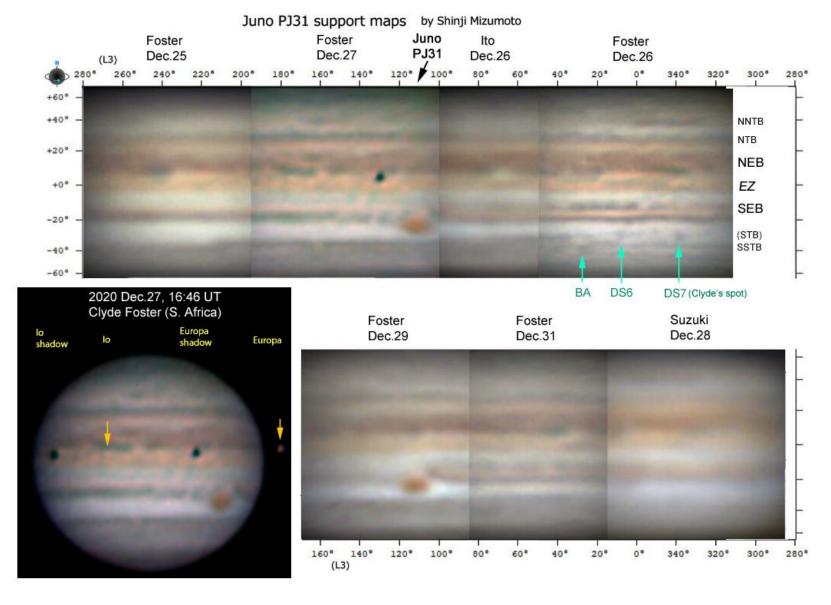


Figure 7. JunoCam global cylindrical map.

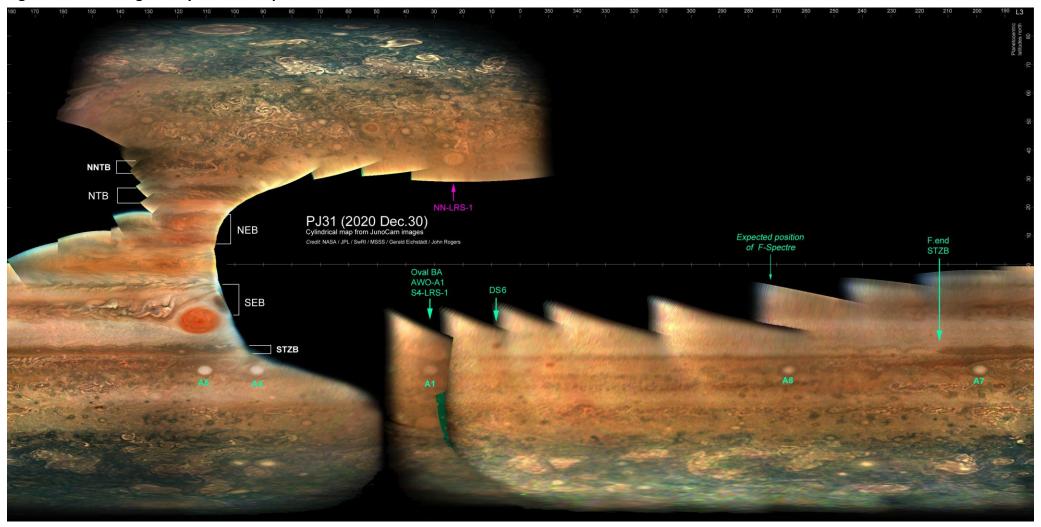


Figure 8. Hi-res cylindrical map of the NEB & EZ by Björn Jónsson, shown here at half scale. The inset shows part of the field of subtle mesoscale waves, at full scale.

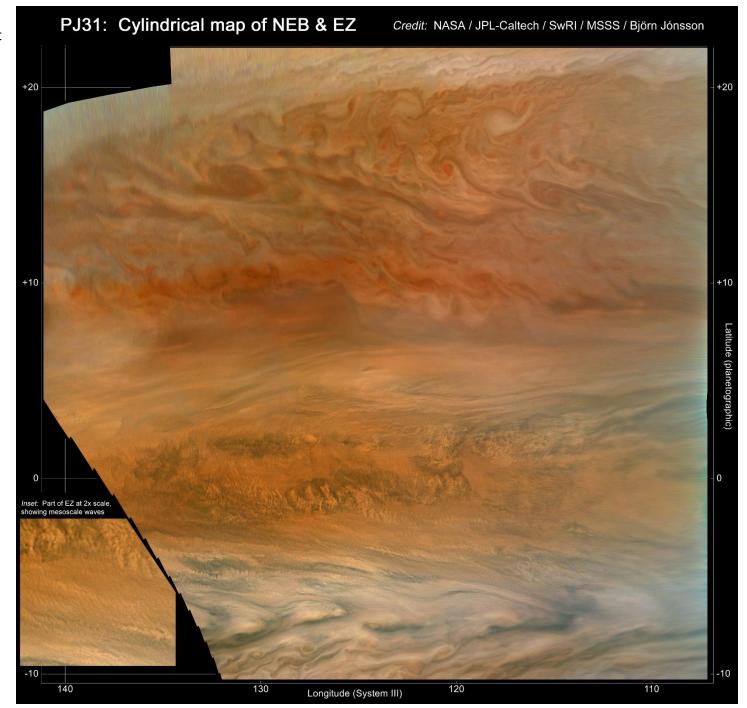


Figure 9. Hi-res cylindrical map of the SEB and surroundings from several PJ31 images, by Björn Jónsson, shown here at half scale. The panels at top are full-scale excerpts showing the two bright plumes in the SEB. (Figure 10 is one of several images used to make it.)

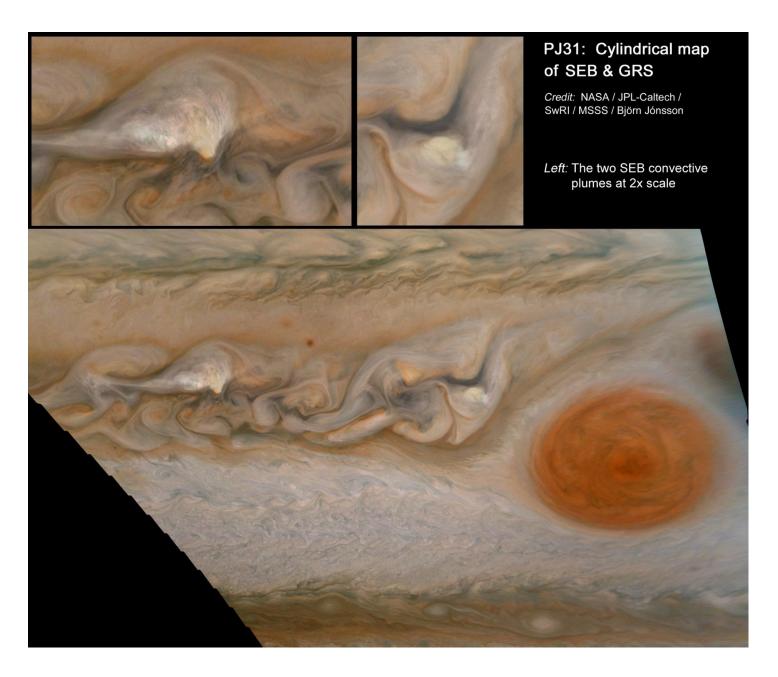
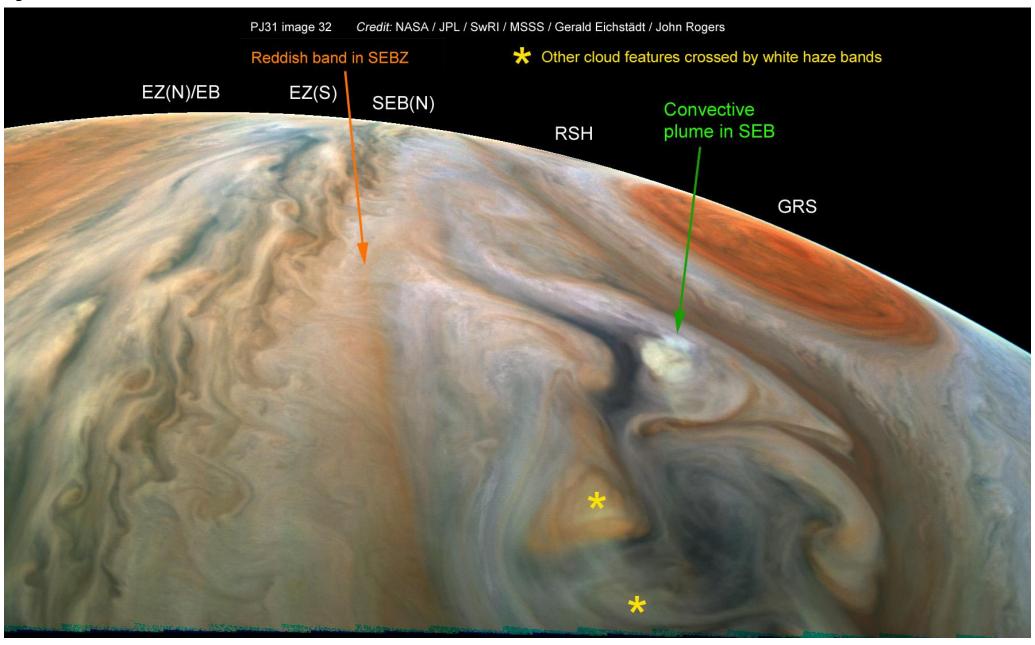


Figure 10.



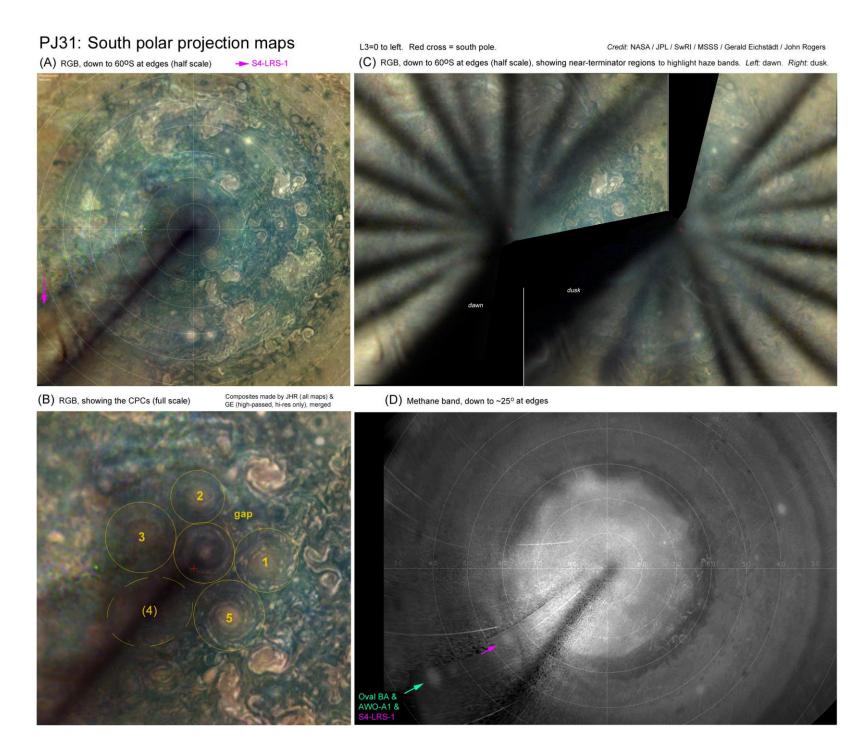


Figure 11.

Figure 12. Motion of the SPC throughout the Juno mission.

Position of SPC w.r.t. South Pole

The centre of the SPC is marked at each perijove, on a background map from PJ25 (& PJ21, lower left) (Enlarged x1.33 w.r.t. standard map)

Composite of all positions, PJ1-PJ31

Throughout these 4 years, the SPC has been oscillating with $P = 11.5 (\pm 1)$ months,in longitude and usually in latitude, cycling anticlockwise and progressively drifting in one direction

