

Jupiter in 2024/25, Report no.7

(2026 Jan/Feb.)

John Rogers (BAA), Gianluigi Adamoli, Rob Bullen, Michel Jacquesson, Hans-Jörg Mettig, Marco Vedovato (JUPOS team), & Shinji Mizumoto (ALPO-Japan).

Appendix C: New figures (2026 Feb.)

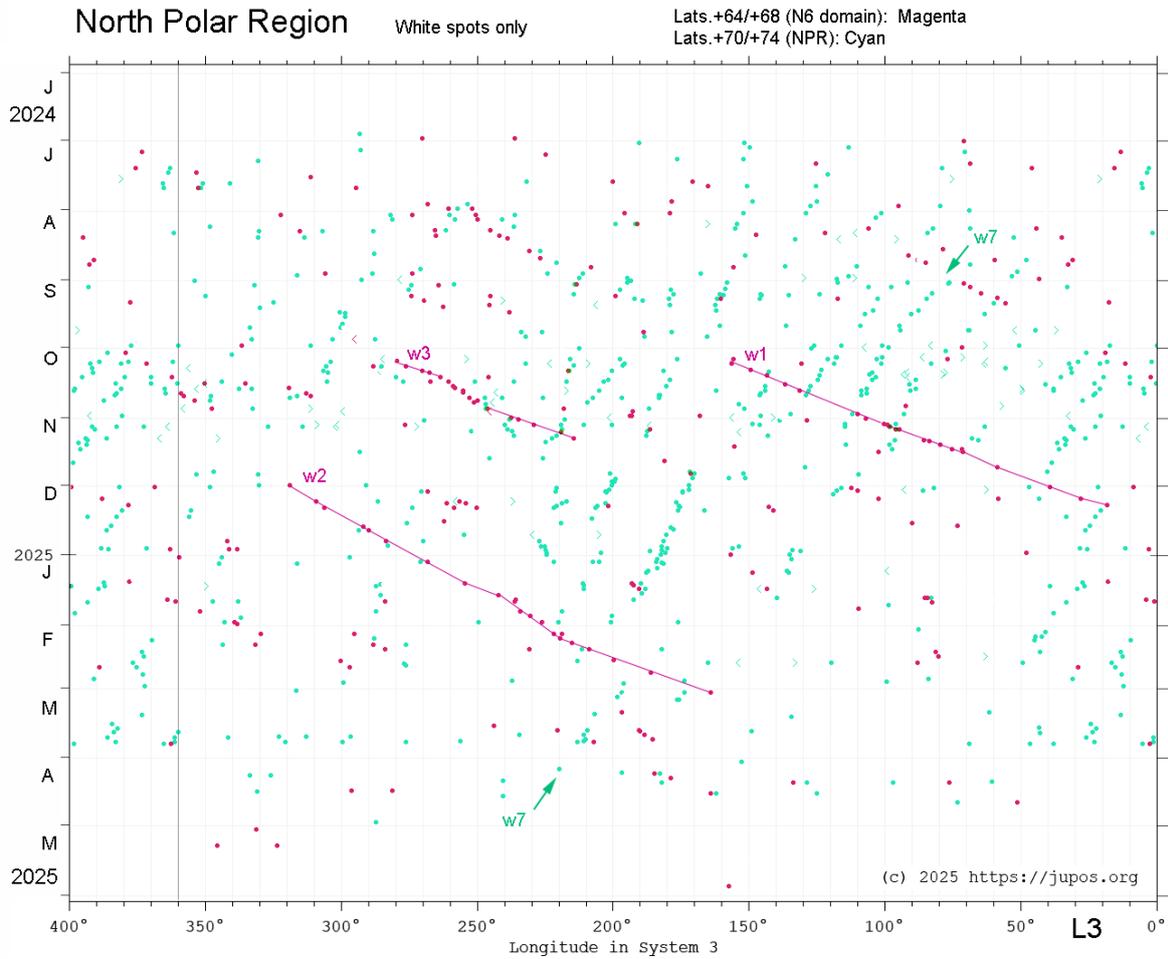


Figure N16: JUPOS chart for the N6 domain and North Polar Region including the northernmost belt. (The existing N5 chart included these features but here they are shown separately.)

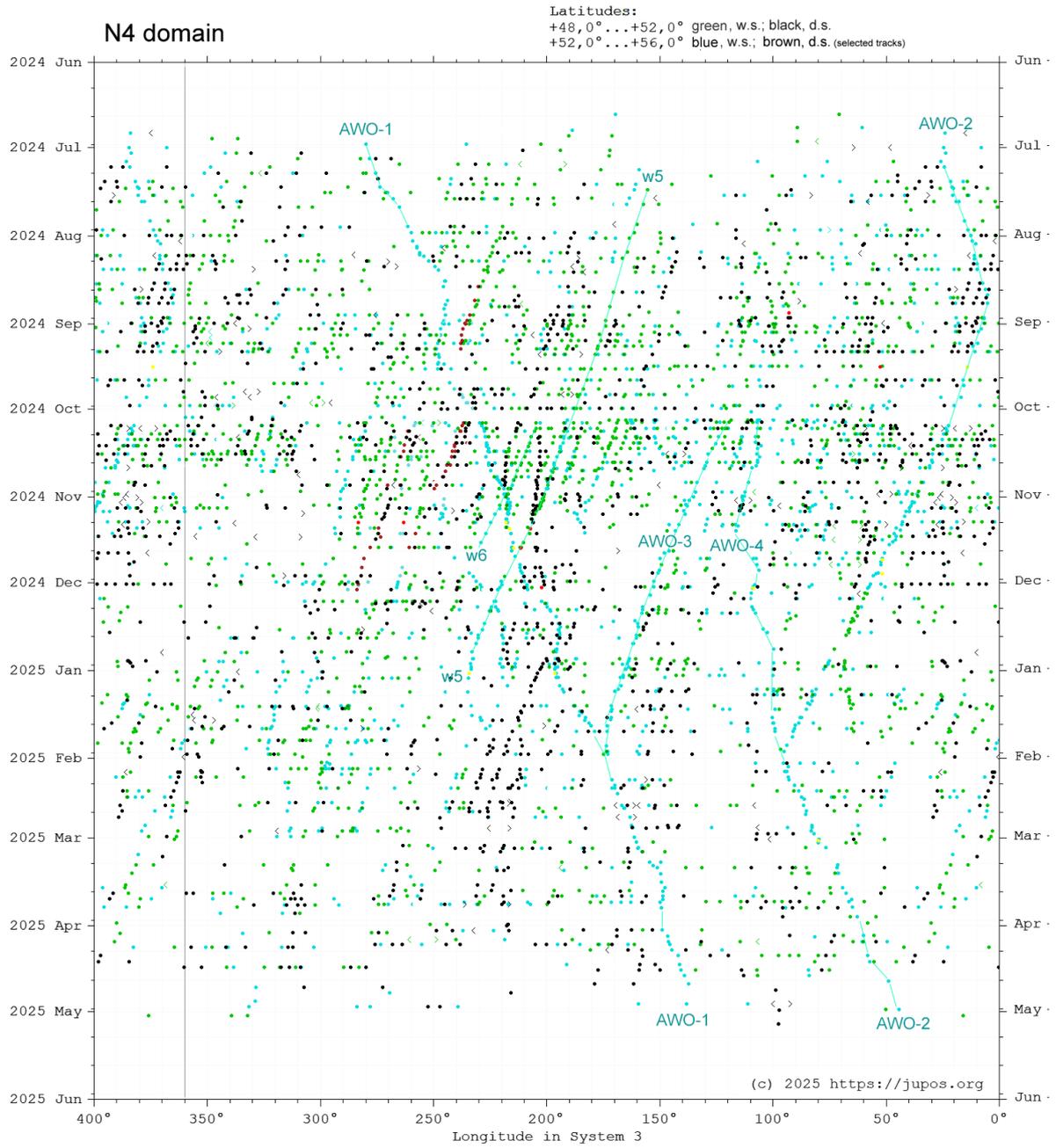


Figure N17: JUPOS chart for the N4 domain (as in **Appendix A** but with principal AWOs labelled).

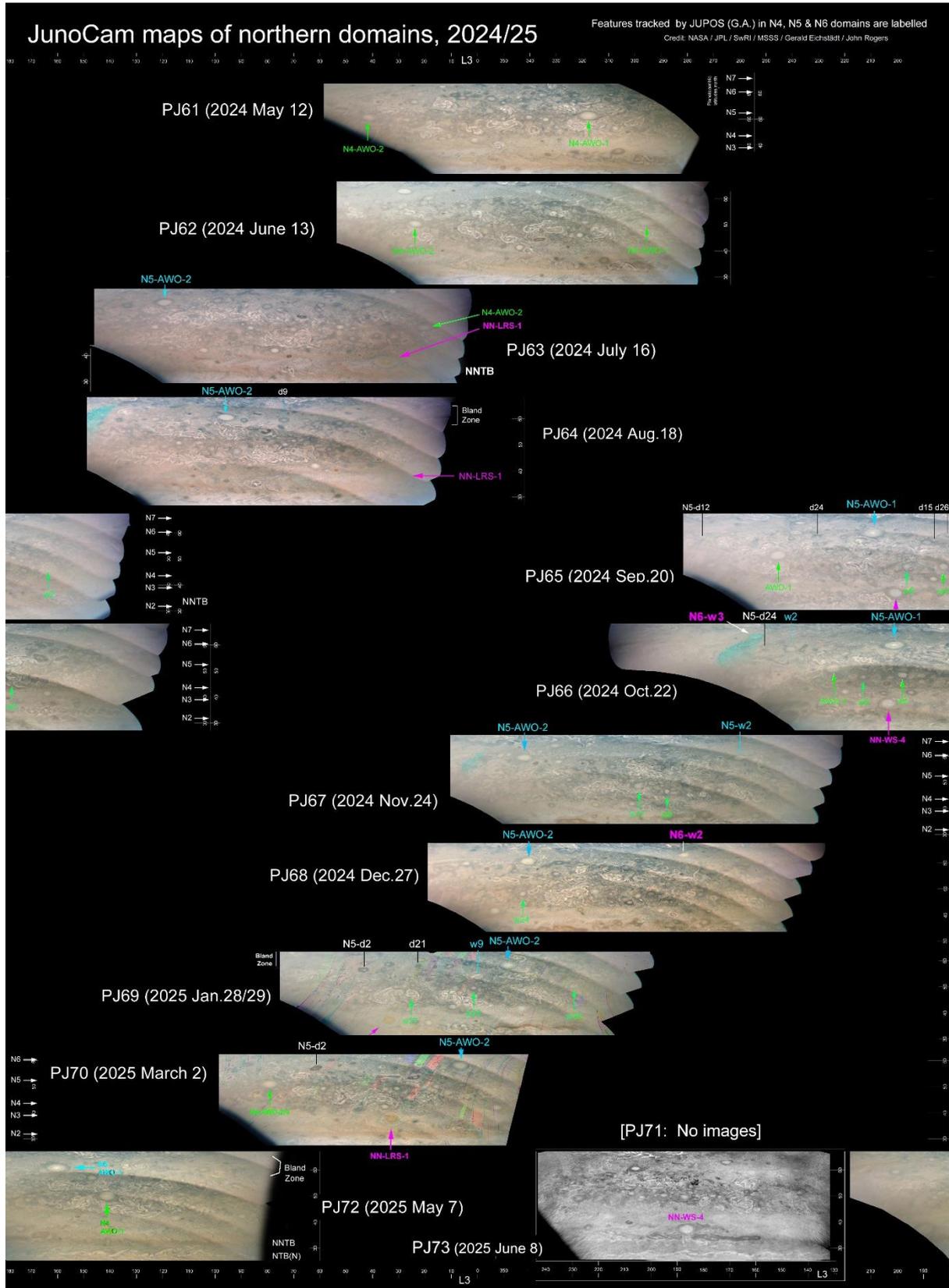


Figure N18: JunoCam cylindrical maps of the northern domains (as in Fig.4 but identifying features tracked by JUPOS).

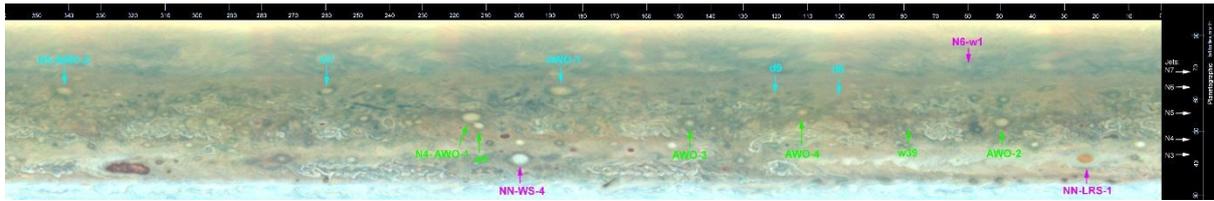


Figure N19: Hubble Space Telescope map on 2024 Nov.19-20, labelled. The map is from the OPAL project (A.A. Simon, M.H. Wong & G.S. Orton): <https://archive.stsci.edu/hlsp/opal/>
Acknowledgement: "This work used data acquired from the NASA/ESA HST Space Telescope, associated with OPAL program (PI: Simon, GO13937), and archived by the Space Telescope Science Institute, which is operated by the Association of Universities for Research in Astronomy, Inc., under NASA contract NAS 5-26555. All maps are available at <http://dx.doi.org/10.17909/T9G593>."

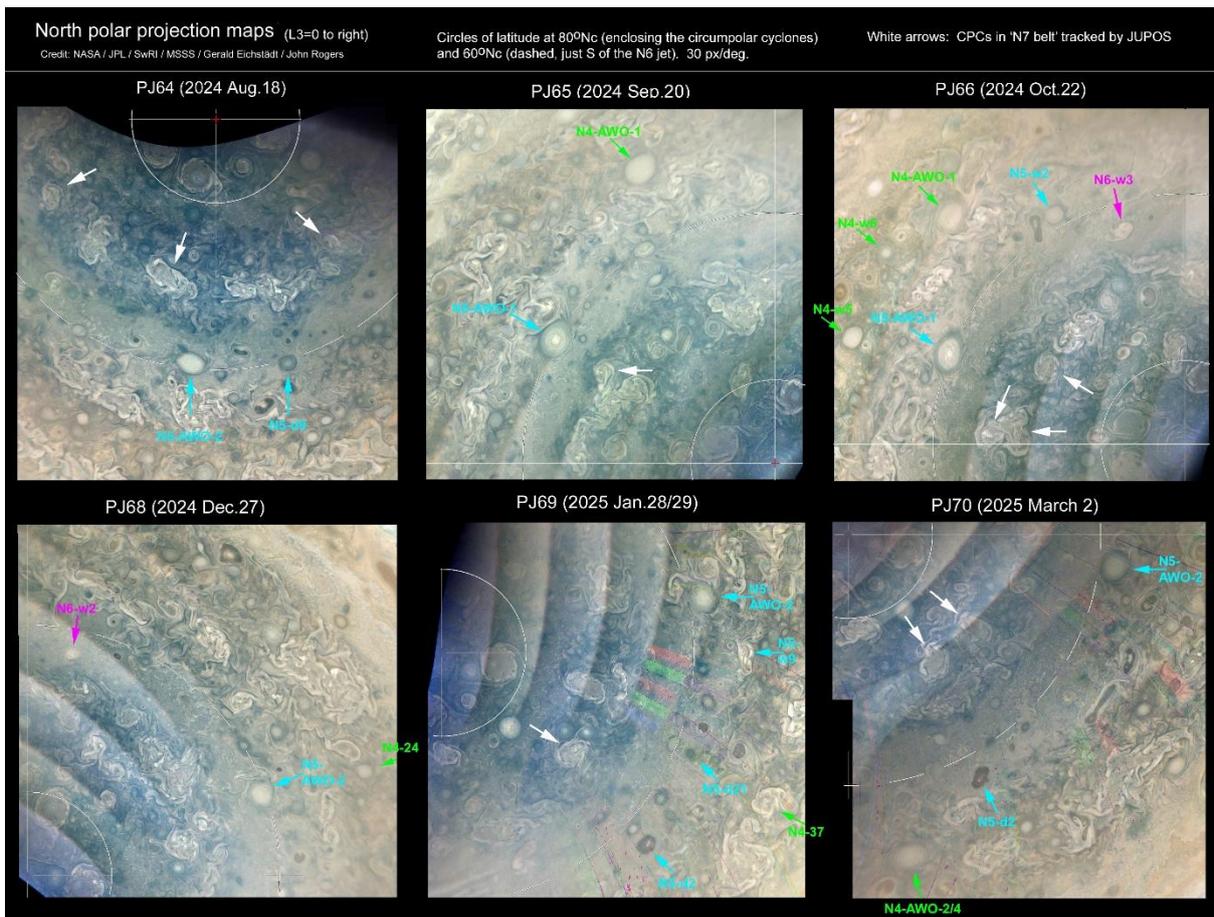


Figure N20: JunoCam north polar projection maps; features tracked by JUPOS are indicated. White arrows indicate tracked FFRs in the northernmost ('N7') belt.

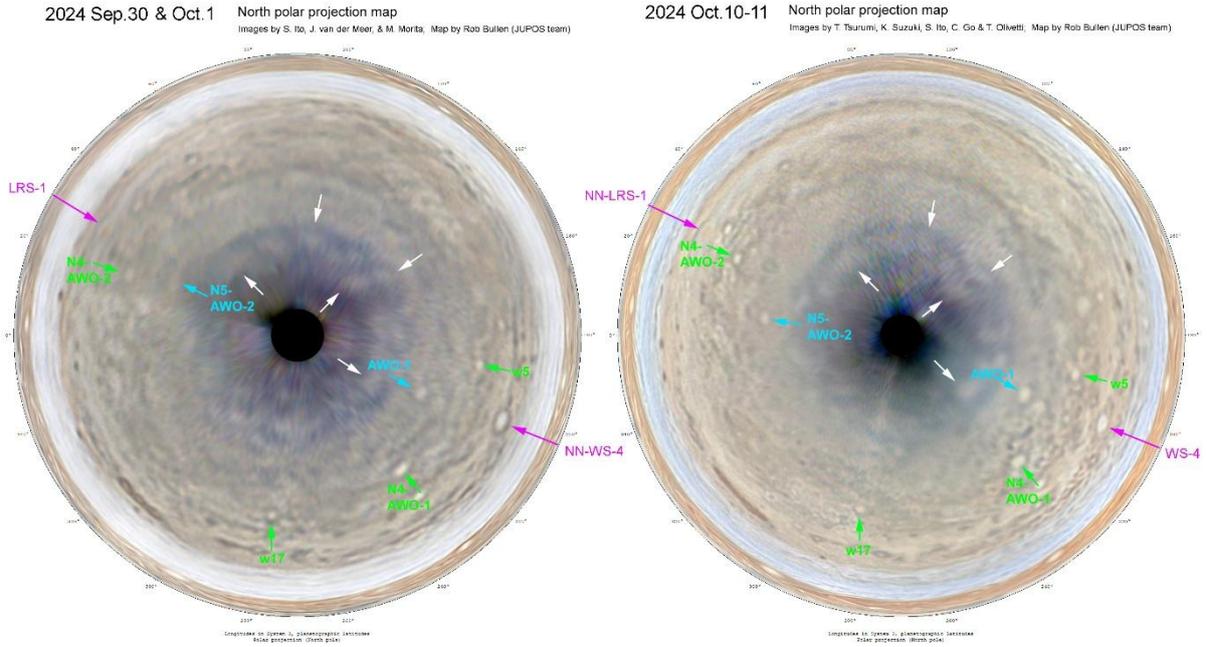


Figure N21: Examples of north polar projection maps from amateur images in 2024 Oct. AWOs tracked by JUPOS are labelled (green for N4, blue for N5). White arrows indicate examples of FFRs in the ‘N7 belt’ which can be identified on both maps, though not necessarily tracked.

Zonal drift profile for northern domains from JUPOS data, 2024/25 (Gianluigi Adamoli)

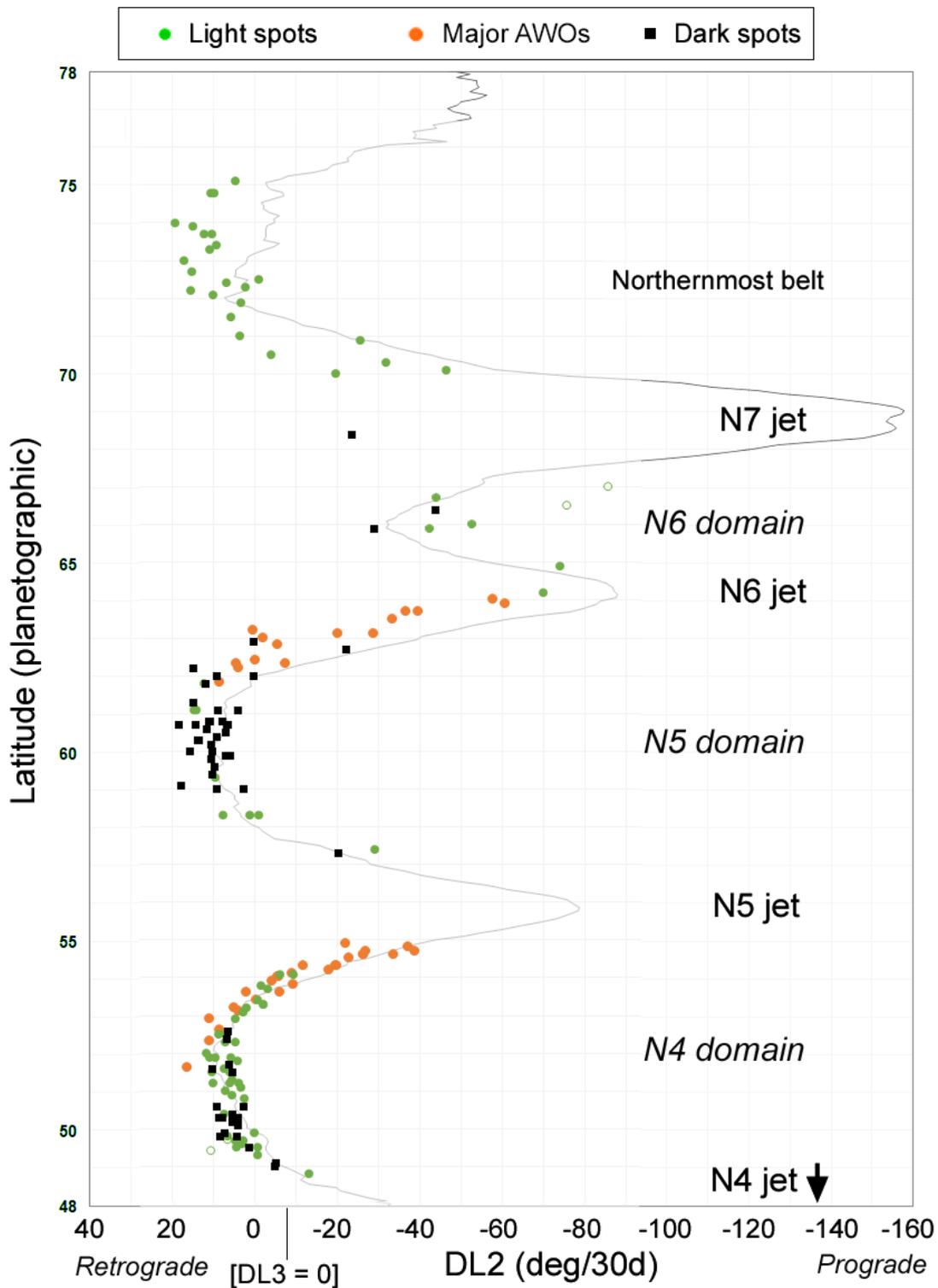


Figure N22: The overall ZDP from the JUPOS measurements in 2024/25. (Open symbols are uncertain.) This is plotted on the same scale as in our 2022/23 report [ref. in box], for comparison; they are identical, including slight offset in latitude on N side of N5 domain relative to Cassini ZWP.

