

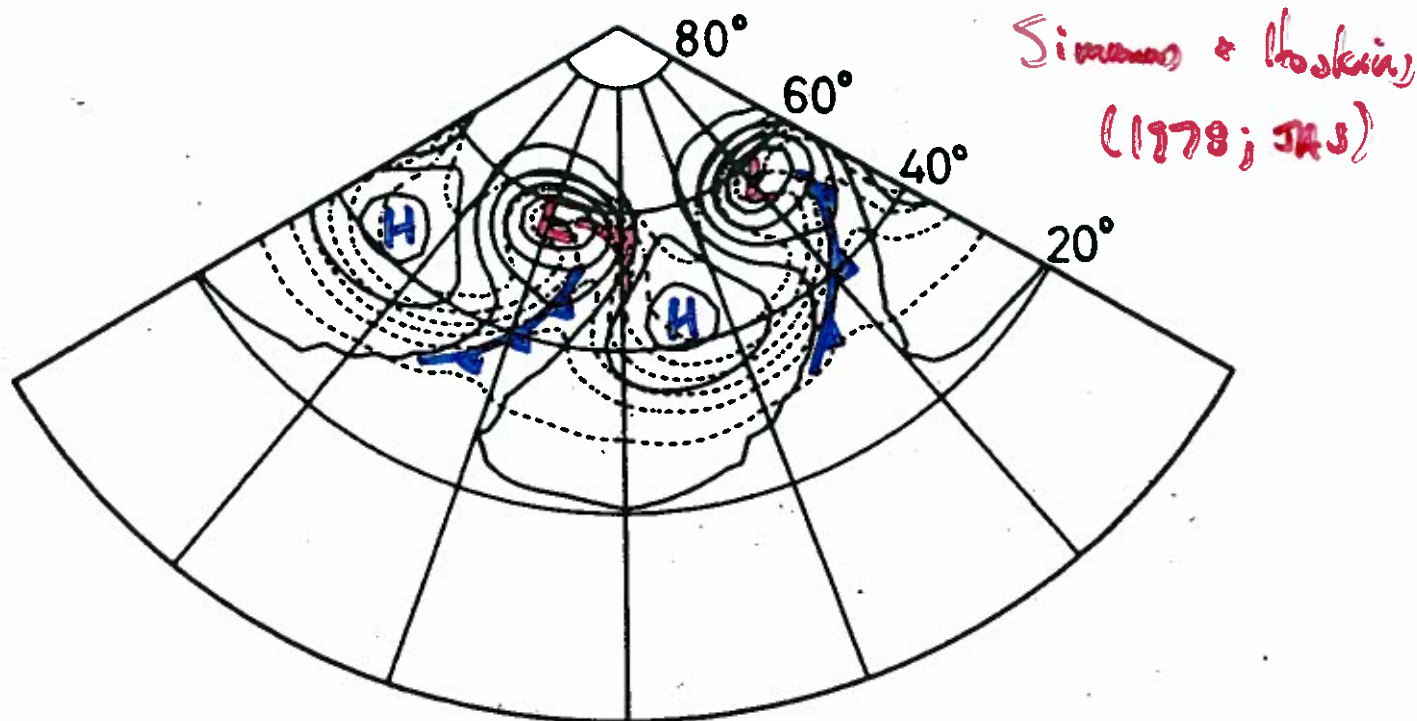


FIG. 1. North polar stereographic plot showing surface pressure (solid contours) and low-level temperature ($\sigma=0.985$, broken contours) after seven days of integration for the wavenumber 6 perturbation to the 45° jet. Contours are drawn at intervals of 2 mb and 4°C using linear interpolation between values on the computational grid comprising 32 "Gaussian" latitudes and 32 regularly spaced points per 60° longitude. Background lines of latitude and longitude are drawn at intervals of 20° .

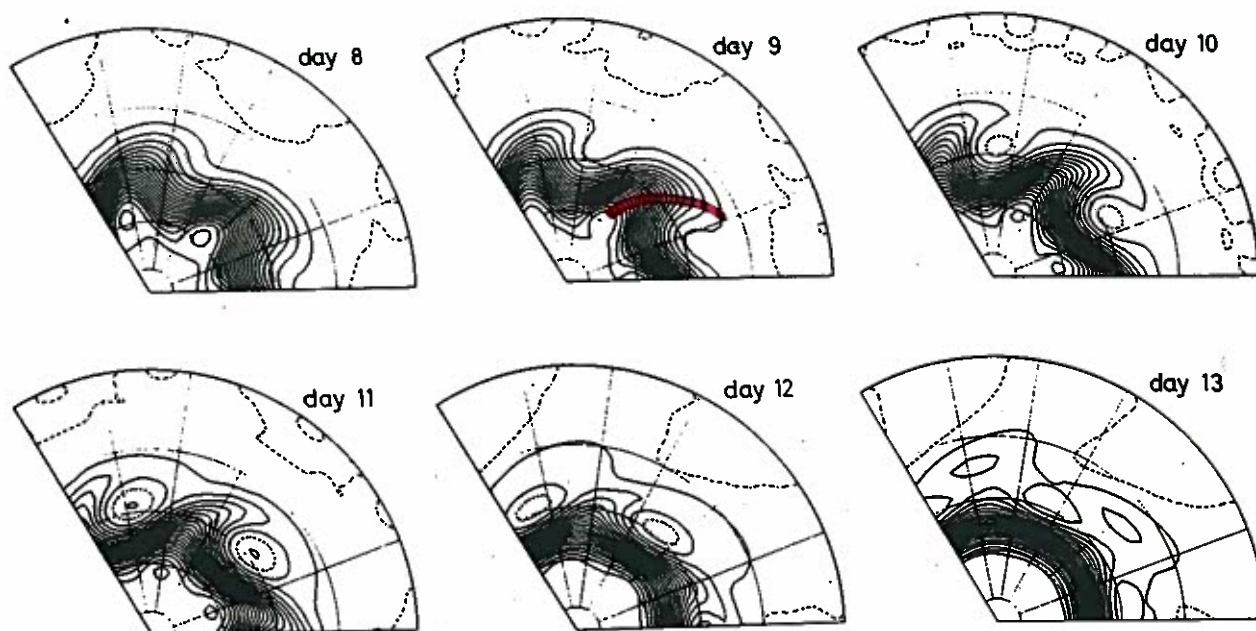


FIG. 2. Streamfunction at $\sigma=0.321$ at daily intervals from day 8 to day 13 for the wavenumber 6 perturbation to the 45° jet. The zero contour is dashed to avoid emphasis of insignificant small-amplitude variability close to the equator, and the contour interval is $1.5 \times 10^{-3} a^2 \Omega$, where a is the radius of earth and Ω its angular velocity.