

This archive contains data files from the simulations of the Global Airglow model (GLOW) .

- The conductivity output files with different inputs are calculated from the GLOW model, which contain the ionization rate, electron density, and conductivity at the PFISR location.

These simulations were performed for and used in the paper “Chain effects from EMIC waves, proton precipitation, and down to ionospheric responses” Xingbin Tian, Yiqun Yu, Longxing Ma, Jinbin Cao, Stanley C. Solomon, P. R. Shreedevi, Kazuo Shiokawa, Yuichi Otsuka, Yoshizumi Miyoshi, submitted to GRL, 2022.