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COVER

In Lai C and Li PW et al. (doi: [10.26464/epp2022029](https://doi.org/10.26464/epp2022029)), the nature of the source and propagation of the concentric gravity wave (CGW) event are revealed. The CGW wave patterns captured by the camera of a photographer, the Suomi NPP satellite, and the all-sky airglow imager (ASAI) are illustrated. The information in the photos is combined with satellite and ASAI observations to determine the wave source, analyze the influence of the wind field on gravity wave (GW) propagation, and find the ducting area. See pages 219–227.