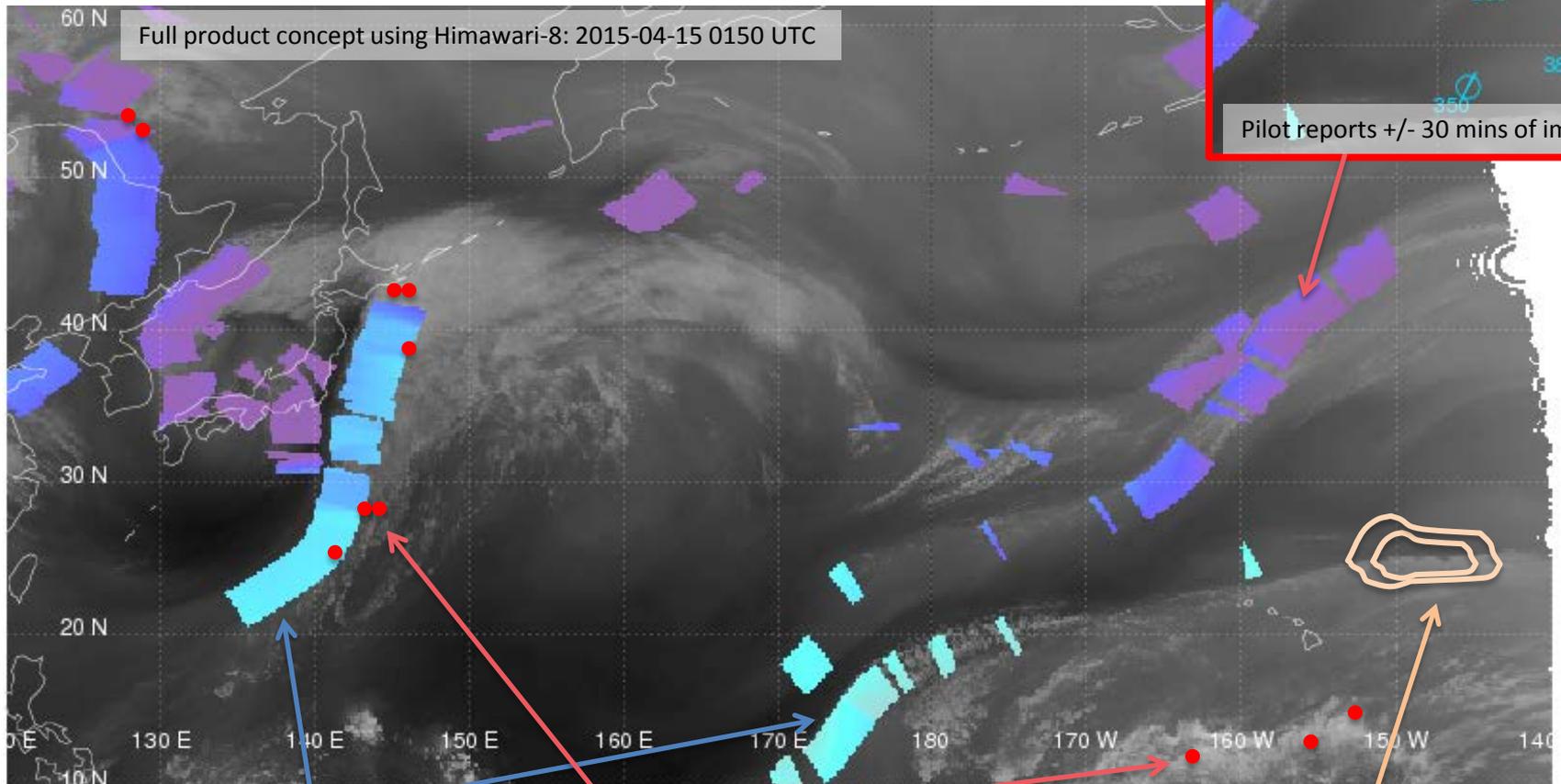


# Evaluation of Turbulence Detection Methods using Himawari-8

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- We will evaluate the ability of three products to provide warnings for aircraft turbulence at cruising altitude: 1) Tropopause Folding, 2) Overshooting Tops, 3) Gravity wave detection
- CIMSS researchers will work with forecasting partners in the Pacific Region WFOs and the Aviation Weather Center to assess the real-time quality and value of the products.



Tropopause folding

Overshooting Tops

Gravity waves