

Supplementary Information

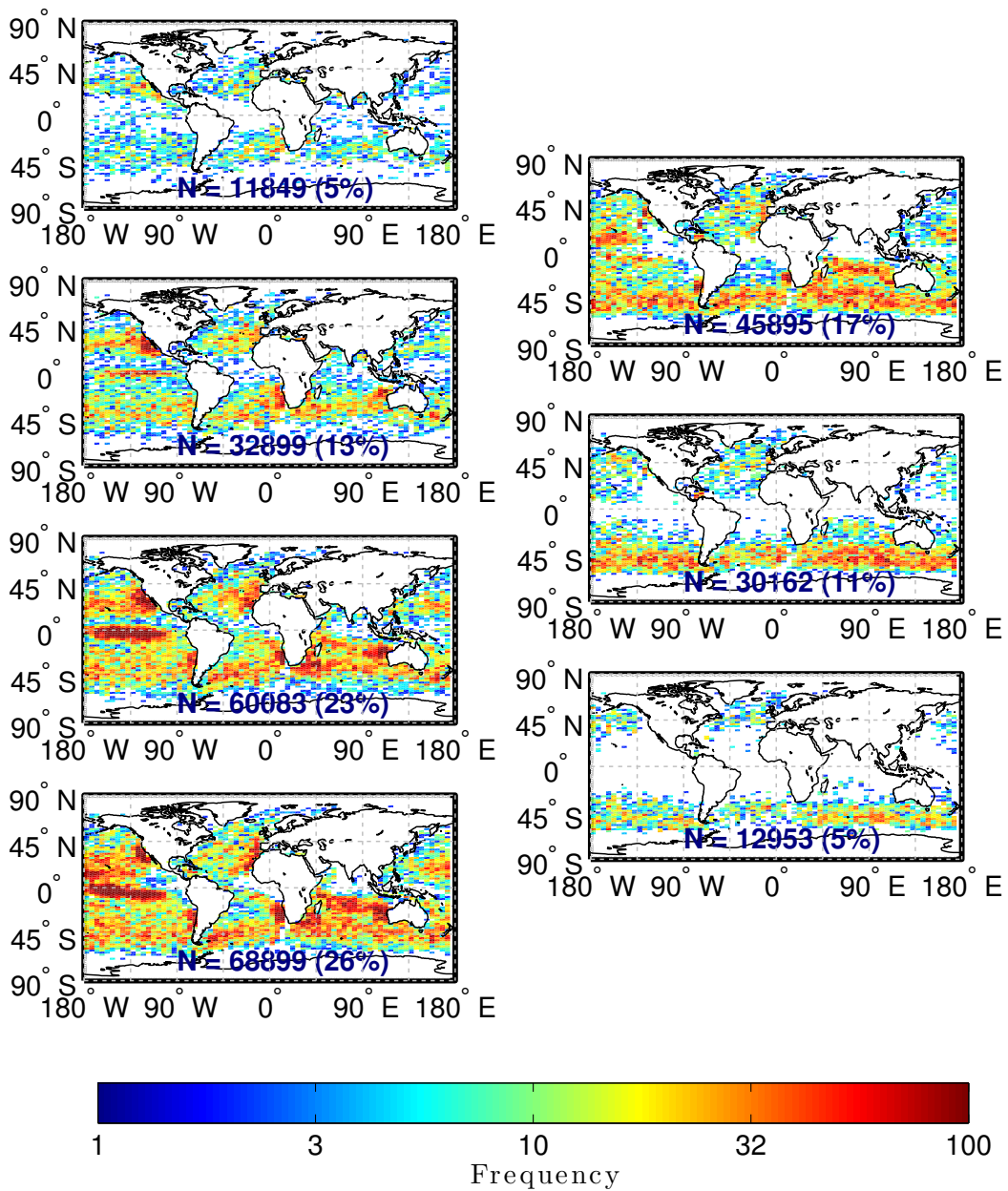


Fig S1. CALIOP retrieval counts for each $2^\circ \times 5^\circ$ latitude longitude grid cell and different wind speed regimes. Total number and percent of total (in parenthesis) is also reported for each wind regime. Wind speed regimes for column 1 from top to bottom, are 0-4, 4-6, 6-8, and 8-10 m s^{-1} and column 2 from top to bottom are 10-12, 12-15, and $>15 \text{ m s}^{-1}$.