

## GPS 掩蔽データを用いた成層圏大気重力波の特性解析

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## Characteristics of stratospheric gravity waves analyzed with GPS radio occultation data

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Using the GPS RO data obtained with FORMOSAT-3/COSMIC we analyzed a global morphology of atmospheric gravity wave activity. The gravity wave generation in the tropics is coupled with deep convective activity. Interactions and filtering by the background QBO winds in the stratosphere as well as the Walker circulation in the troposphere are apparent.