

WEATHER (NWP) AND COMPOSITION ANALYSIS AND FORECASTING - BENEFITS OF RO AND SATELLITE DATA

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We will outline the use of satellite measurements in operational numerical weather prediction (NWP) and reanalysis activities at ECMWF. The role and importance of GPS radio occultation measurements will be discussed, including how they complement information obtained from satellite radiance measurements. We will also outline the use of satellite measurements in the "Monitoring Atmospheric Composition and Climate" (MACC) project, with emphasis on the use of limb sounding measurements in this context.