

# **VHF Radar Observations Of The Dynamics Of The Summer Polar Mesopause Region**

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We revisit previously unpublished observations of the dynamics of the mesopause region over the Norwegian Island of Andøya (69°N, 16°E) made during a one week period in summer 1987 during the MAC-SINE campaign using the mobile SOUSY VHF (53.5 MHz) Doppler Radar operating in a six-beam mode. We do this in light of: (1) more recent developments in the measurement of the components of the density normalised Reynolds Stress Tensor using meteor radars, and with MF radars using the Hybrid Doppler Interferometric (HDI) technique, and (2) satellite measurements of the absolute upward flux of horizontal momentum.