

1 **First studies of mesosphere and lower thermosphere**
2 **dynamics using a multistatic specular meteor radar**
3 **network over southern Patagonia**

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10 **Key Points:**

- 11 • First observations of MLT dynamics over one of the most dynamically active re-
- 12 gions in the world
- 13 • Estimates of mean horizontal winds and their gradients are possible, thanks to the
- 14 multistatic configuration.
- 15 • Mean momentum fluxes are estimated with vertical velocity estimates free of hor-
- 16 izontal divergence contamination.

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