



## **OMEGA-Mars Express data analysis: water vapor mapping**

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We report on the results obtained through the systematic analysis of the  $2.7\mu\text{m}$  water band for the period covering  $L_s = 330-40$ , before and after the equinox, and  $L_s = 90-125$ , at the time of maximum water vapour sublimation at high northern latitudes. Our data provide the first high-resolution map of the martian water vapor content above the northern polar cap.