



Tides in the Maastrichtian era

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Tides in the Maastrichtian era (Late Cretaceous: 70.6 - 65.5 Ma) are simulated with a 2-dimensional depth-averaged barotropic near-global tidal model. The reliability of the computed tides is assessed through a sensitivity study of the present-day tidal response and, through the computed bed shear stress, a preliminary comparison with described Maastrichtian tidal deposits.