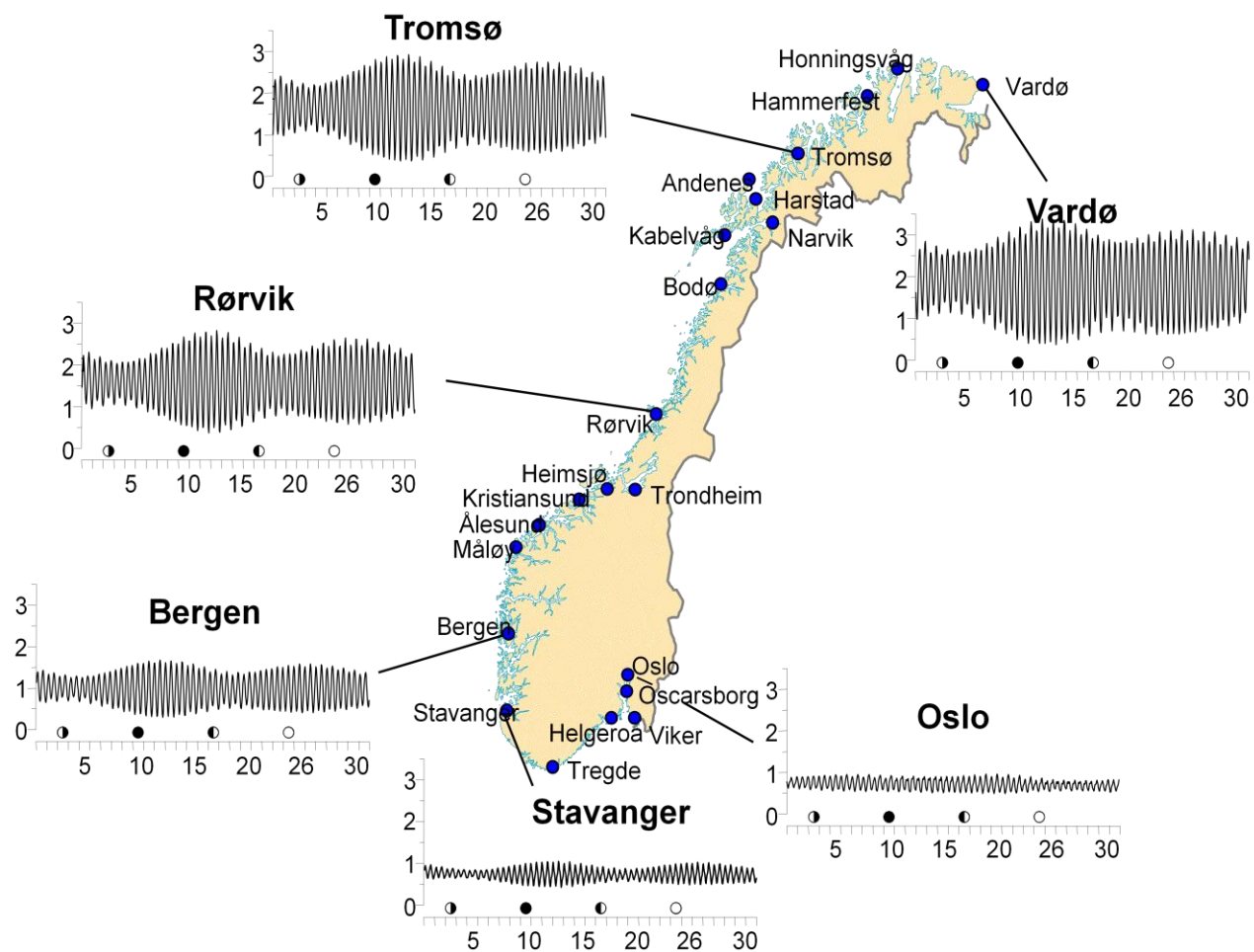


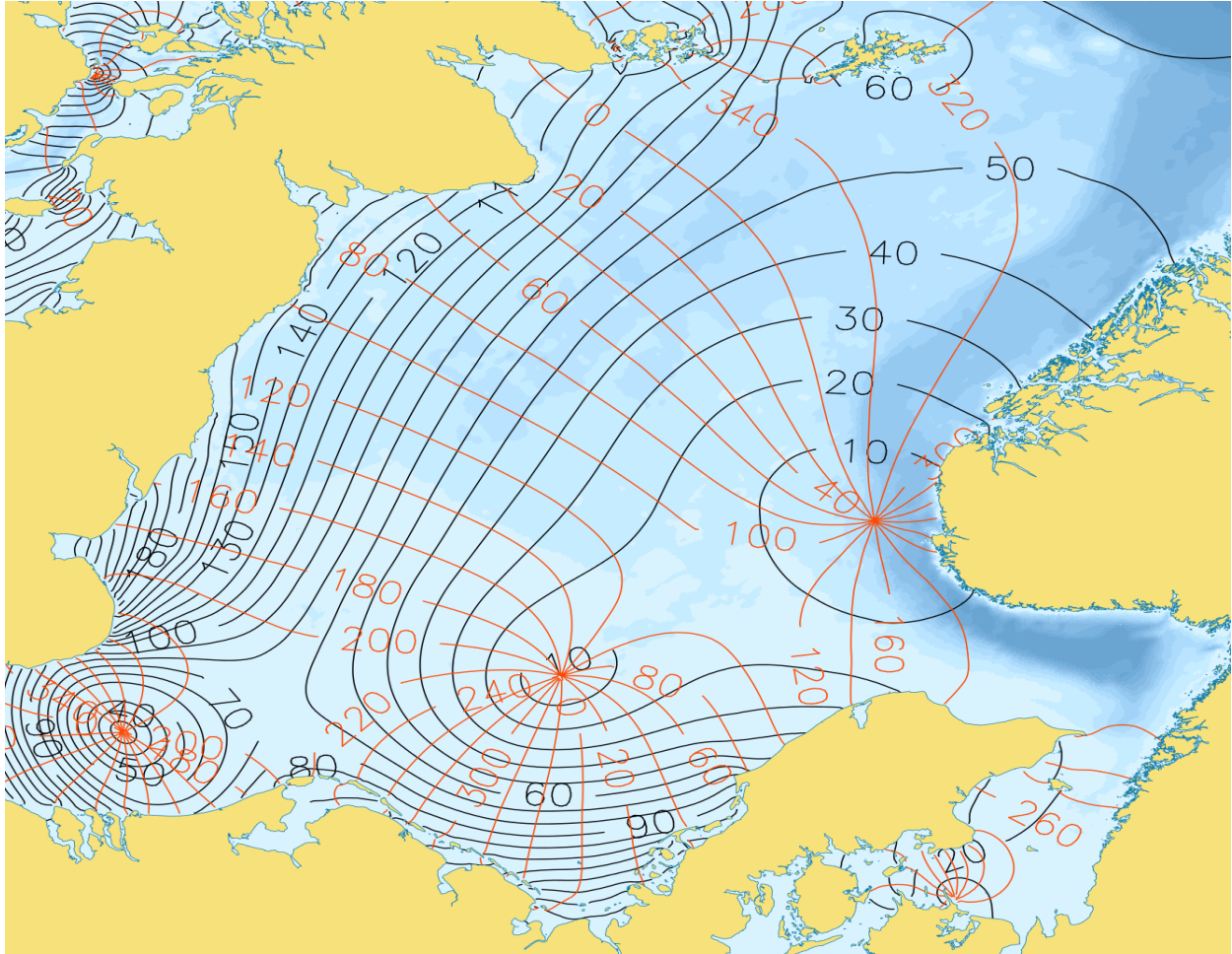
Changes in the M₂ amplitude at the southern coast of Norway

TWLWG 4, Cape Town 8-10 May 2012
Tor Tørresen, Norwegian Hydrographic Service

A plot of the M₂ amplitude, based on yearly analyses, shows a slowly increase in amplitude. This is found on the southernmost tide gauges, Viker, Oscarsborg, Oslo, Helgeroa and Tregde (Nevlunghavn is an old tide gauge close to Helgeroa). At the west coast, from Stavanger and northwards, there is no sign of an increase. The same trend is not visible in the phase.



Tide gauges in Norway



M2 amplitude and phase from a numerical model.

