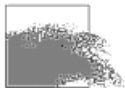
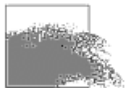


# Results of the 3-dimensional hydrodynamic model simulation around the Kwintebank

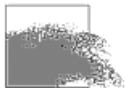
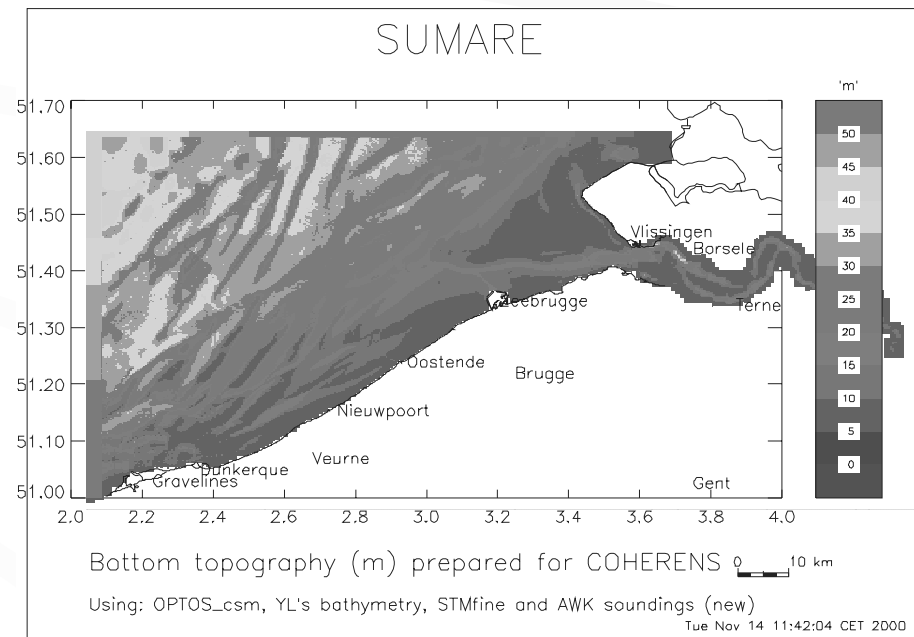
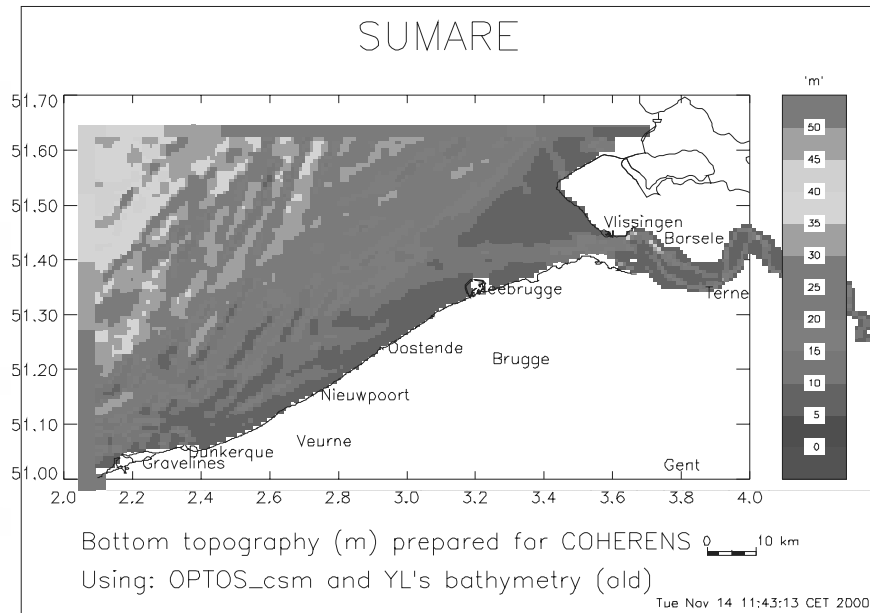


# 3D Model COHERENS

- 3D baroclinic model
- Sigma co-ordinate
- Hydrostatic assumption
- Free surface

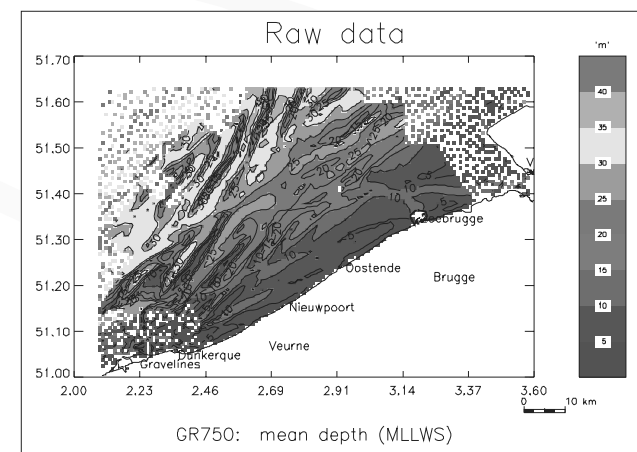
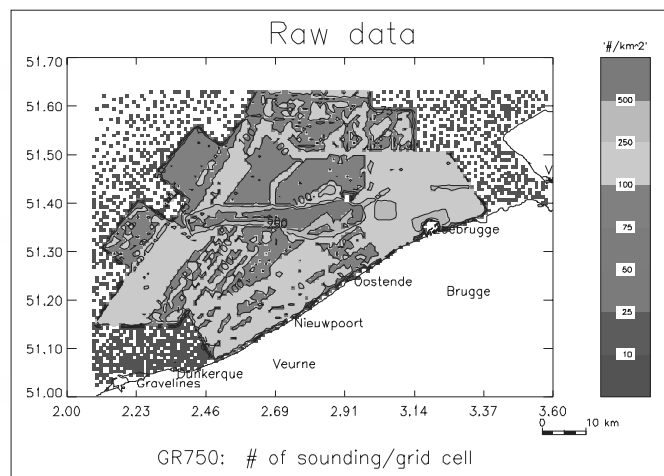


# Used Bathymetry G250



# Bathymetric data of the Belgian coast

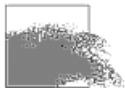
- GR 250



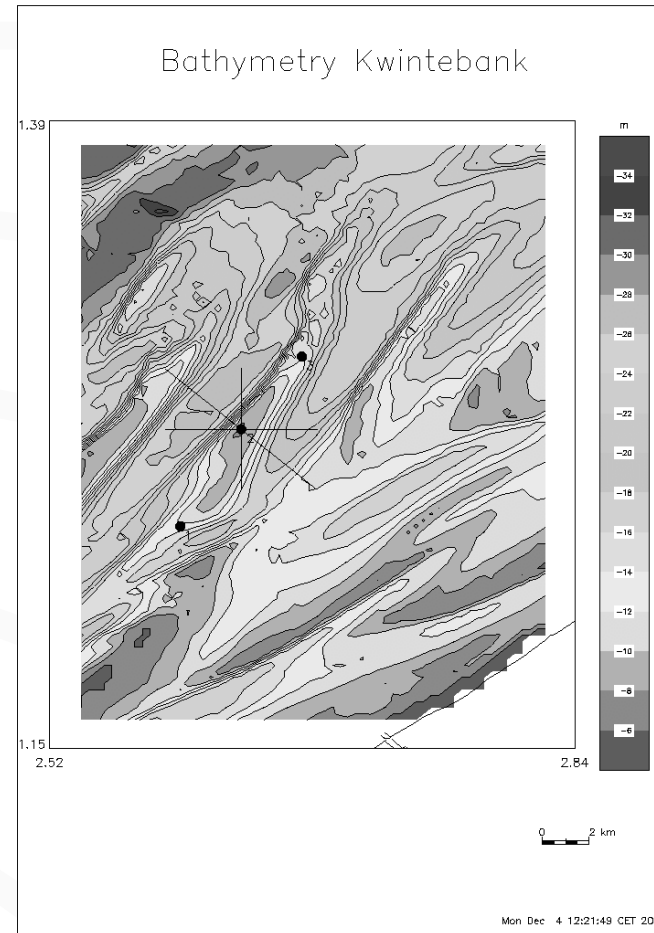
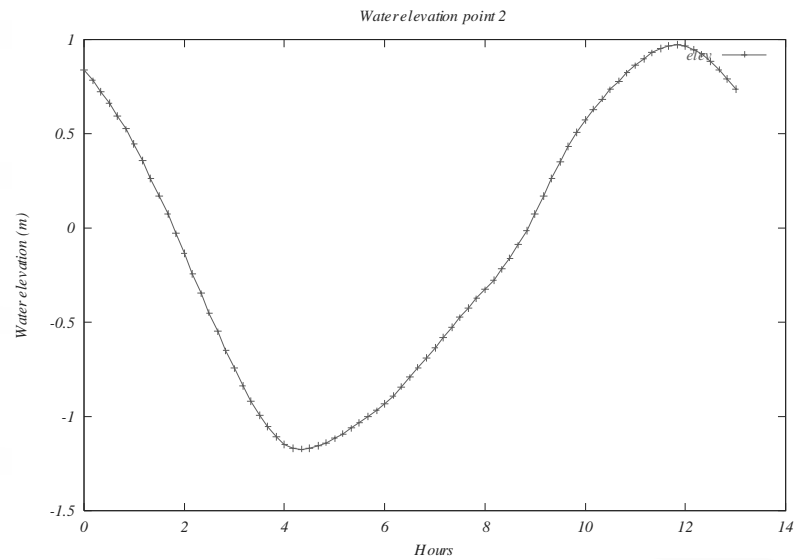
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# Forcing and Intialisation

- Use of MUMM--OPTOS-CSM system
  - forcing by large scale operational model
  - No Wind
- Start from rest on 29 June 2001
- Results for 3 July 2001 (North Sea Trial)

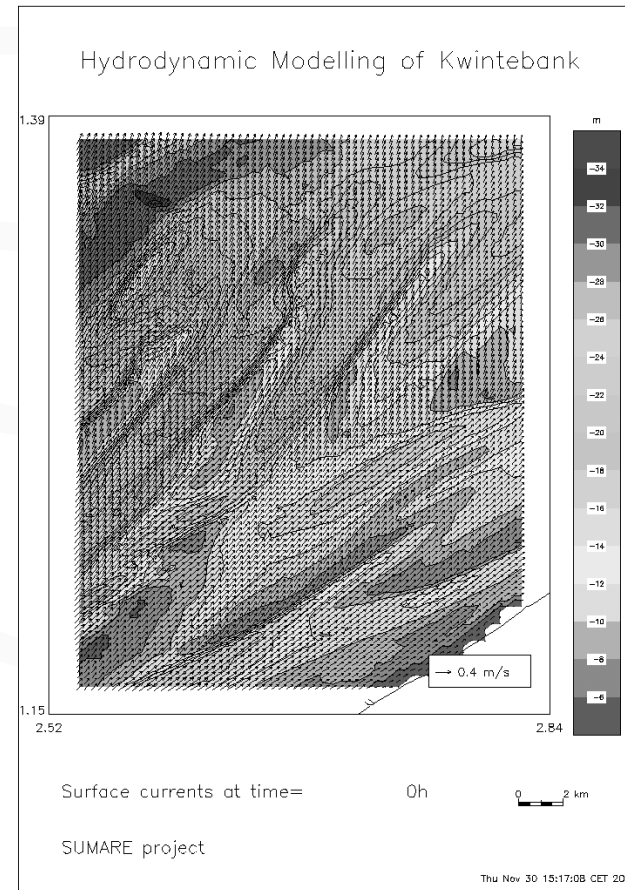
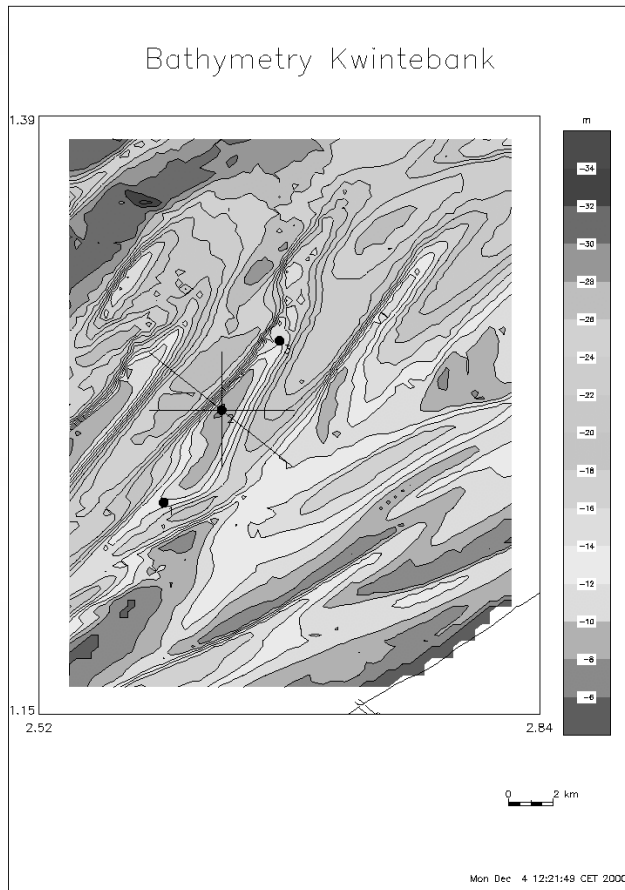


# Model Results

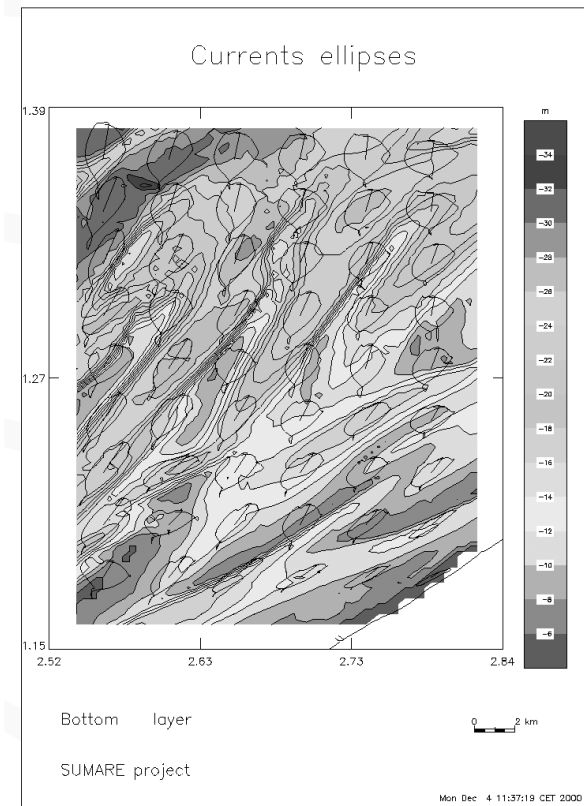
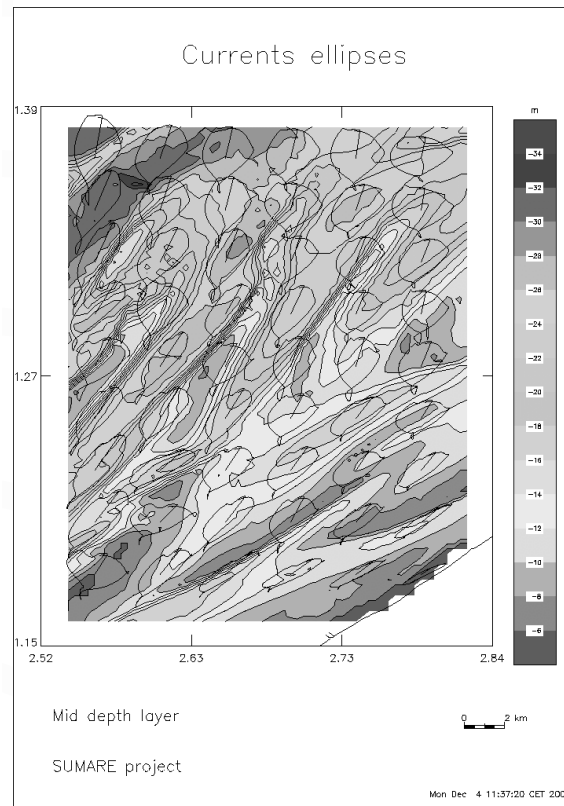
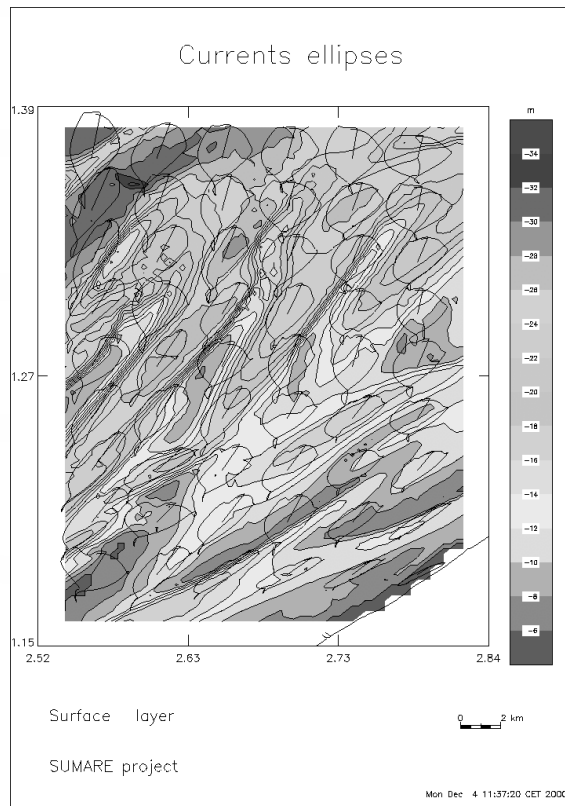


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# Model Results

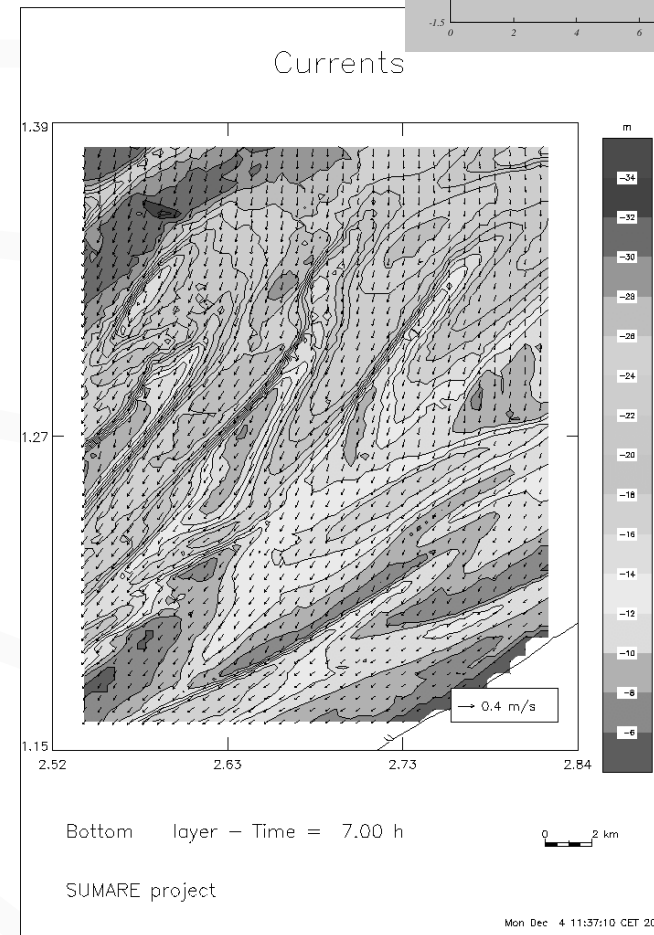
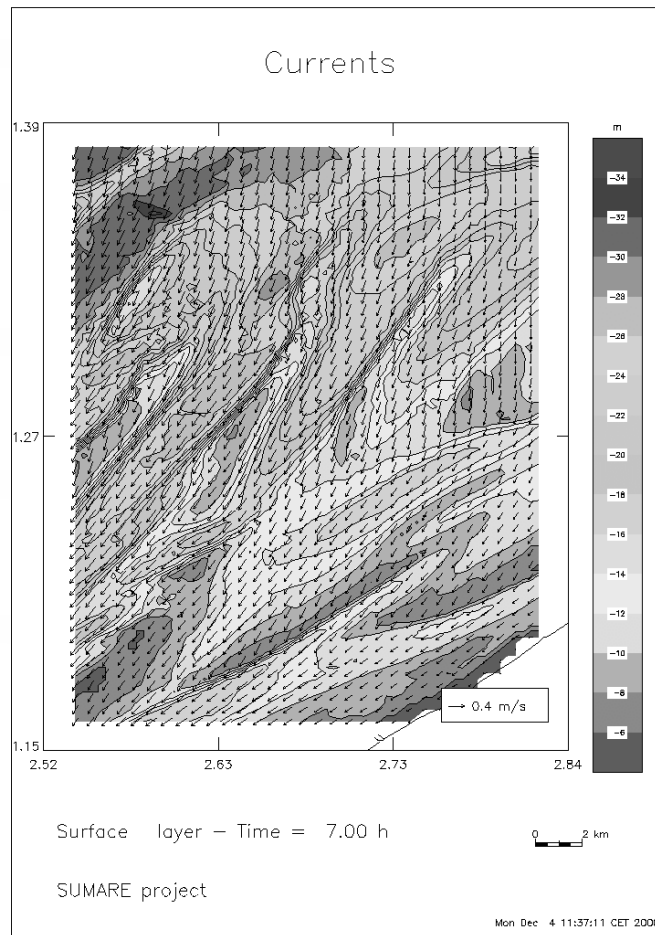
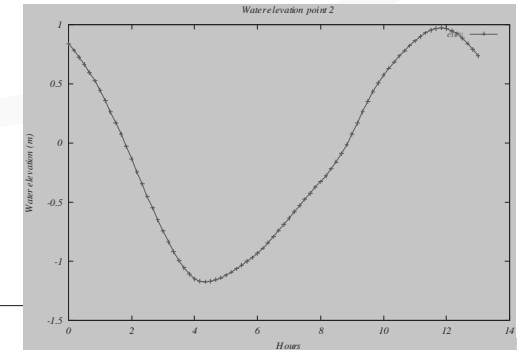


# Model Results

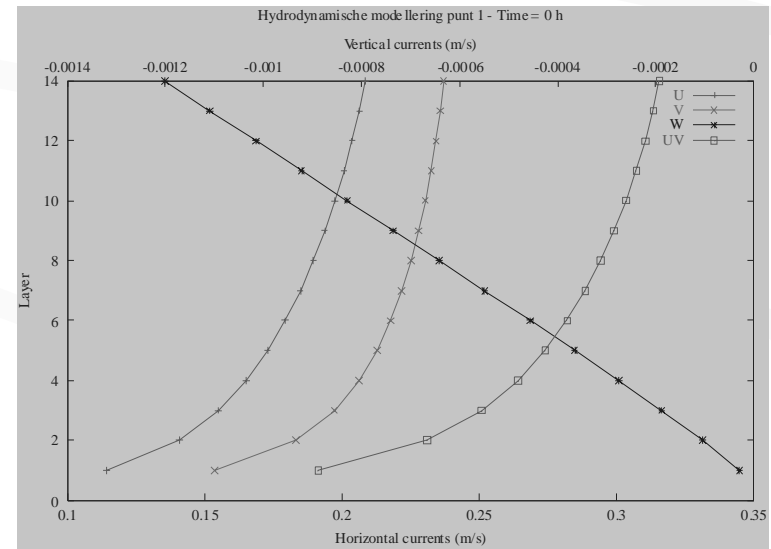
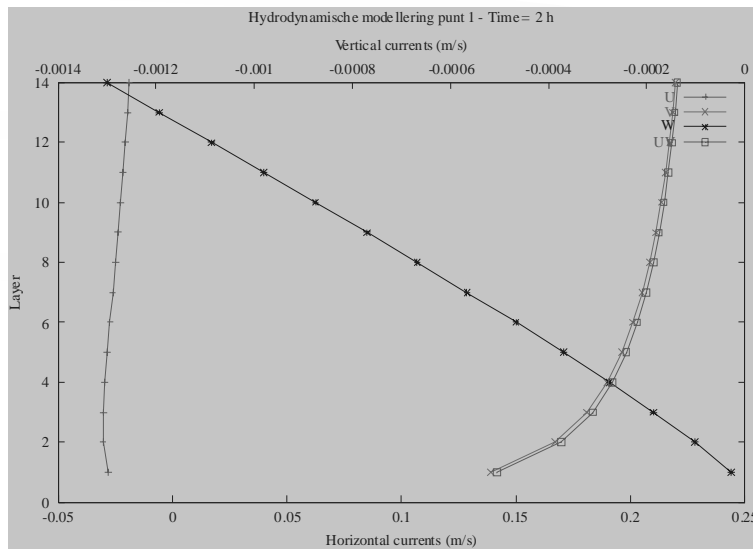
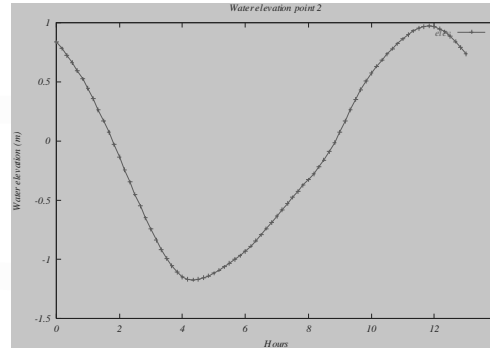
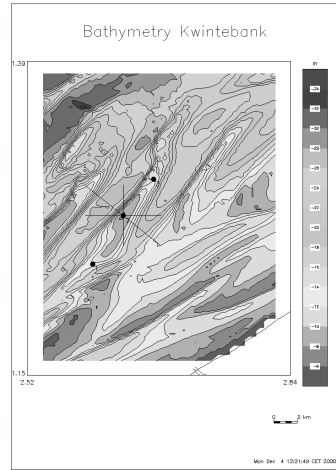




# Model Results

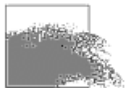
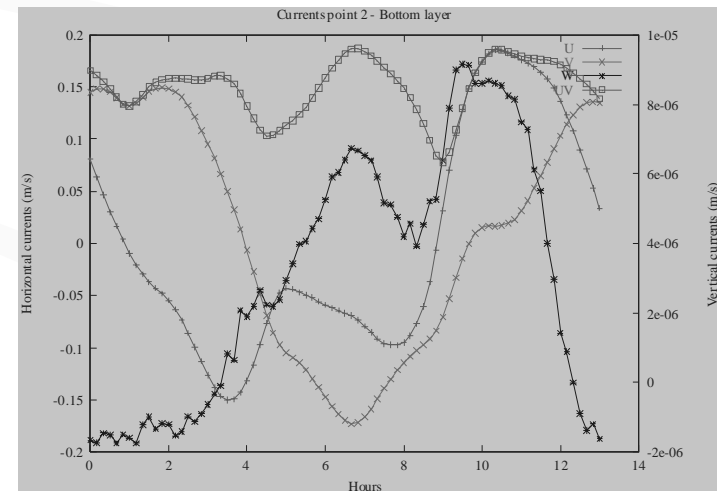
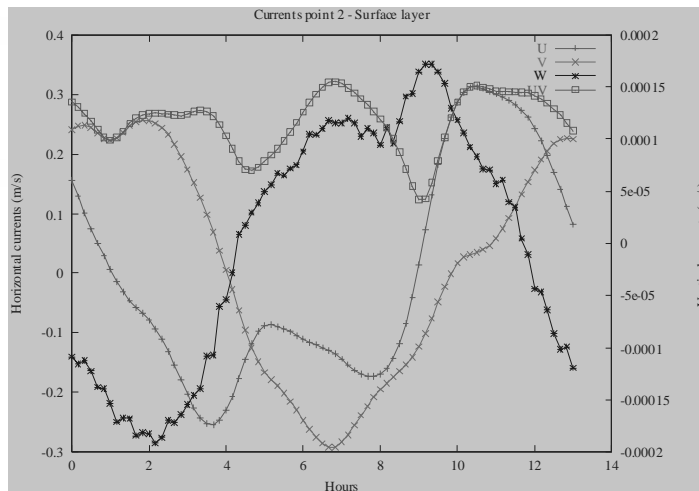
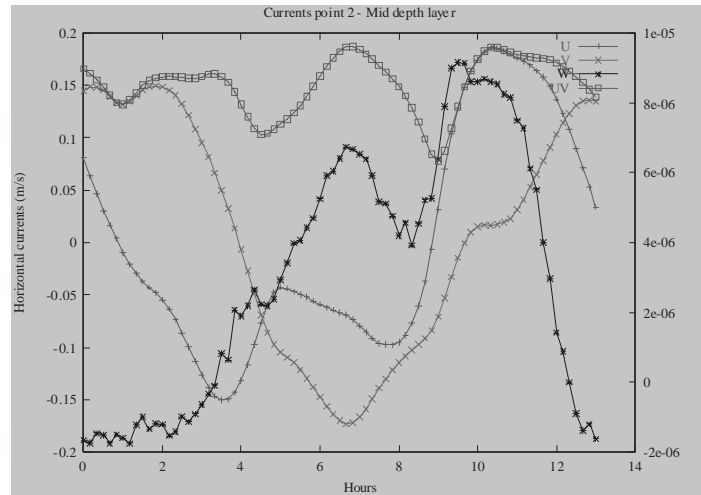
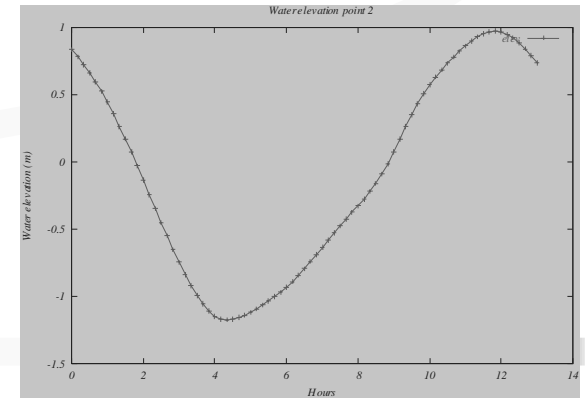
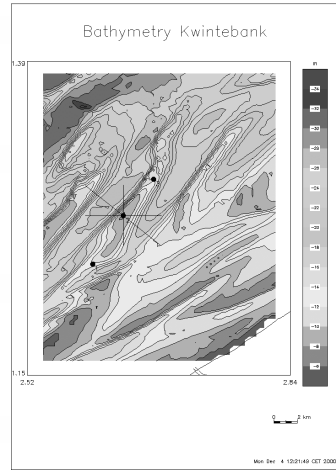


# Model Results



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# Model Results



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# Model Results

