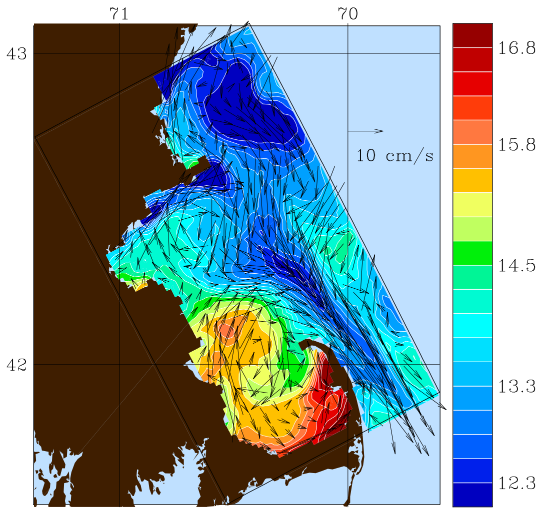
Optimal Interpolation

11 June 2001 forecast ⇒

- 6–8 June 2001 data
- FNMOC Atmospheric forcing

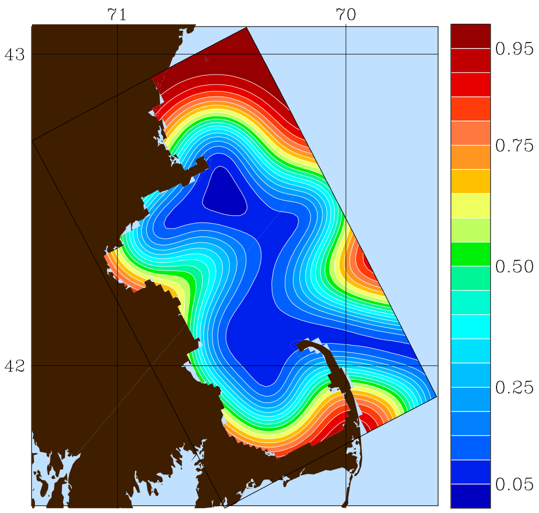
3m Temperature Forecast (°C)



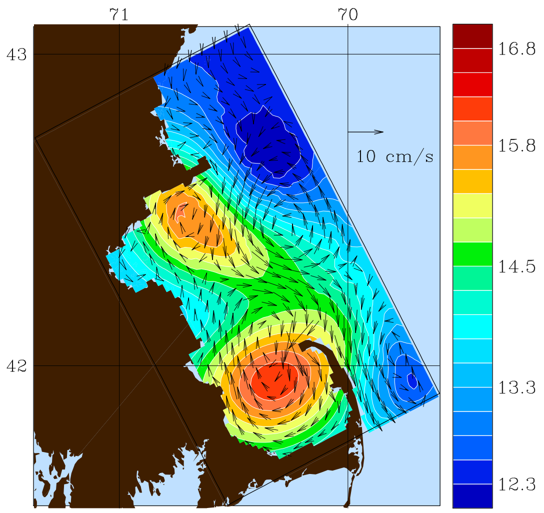
⇓ 11 June 2001 Data

- Objective Analysis of CTD data

3m Temperature Error



3m Temperature Analysis (°C)



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11 June 2001 hindcast ⇒

- Restart 11 June forecast simulation from 10 June
- Assimilate 11 June data over the course of the first day.
  - Temperature
  - Salinity
  - Baroclinic Velocity

3m Temperature OI Hindcast (°C)