Comparing N. Atlantic HYCOM output with in-situ observations

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NRL Layered Ocean Model
Eddy Watch Enhancement
Surface Current Nowcast for
16-Oct-2003
Suggest we revisit the issue of saving a snap-shot every 24 hours?

Should we be doing something different?
NRL HYCOM Ocean Model
Surface Current Nowcast for
01-Sep-2004
Direct Comparison between Model and Observations (Site in Northern Gulf)

HYCOM NOPP GODAE meeting (Oct. 27-29, 2004)
NOAA Buoy Wind Speeds

HYCOM NOPP GODAE meeting (Oct. 27-29, 2004)
Direct Comparison between Model and Observations (Site in Northern Gulf)

HYCOM NOPP GODAE meeting (Oct. 27-29, 2004)
Model Sea Surface Height (Site in Northern Gulf)

HYCOM NOPP GODAE meeting (Oct. 27-29, 2004)
What does the high frequency variability look like and what are dynamical processes involved? Is the diurnal and inertial variability well represented in the model?

Revisit the issue of saving a snap-shot every 24 hours? Should we be doing something different?

Perhaps some “synthetic moorings”. 4-5 sites where all physical variables are saved at full temporal and vertical resolution resolved by the model. They would provide diagnostic data.