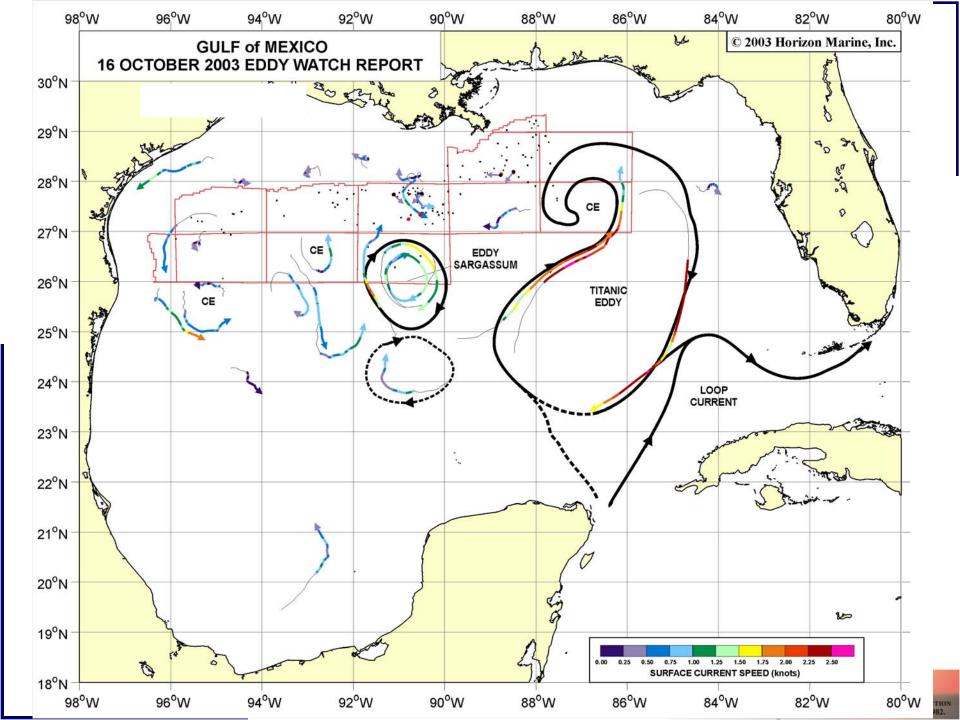
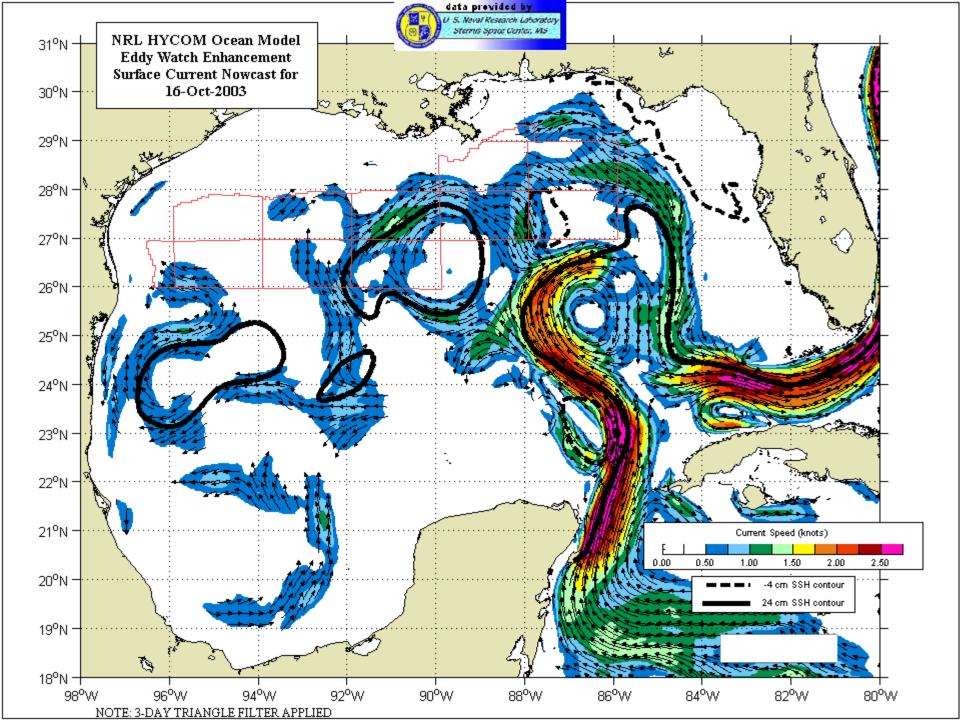
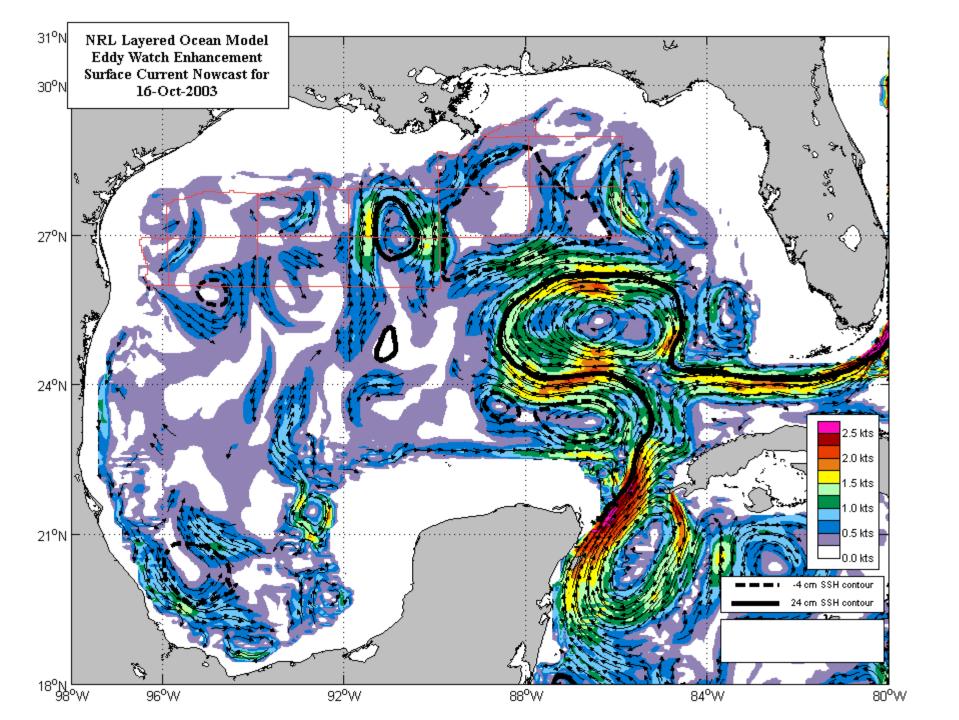
Comparing N. Atlantic HYCOM output with in-situ observations

Steve Anderson Horizon Marine, Inc.





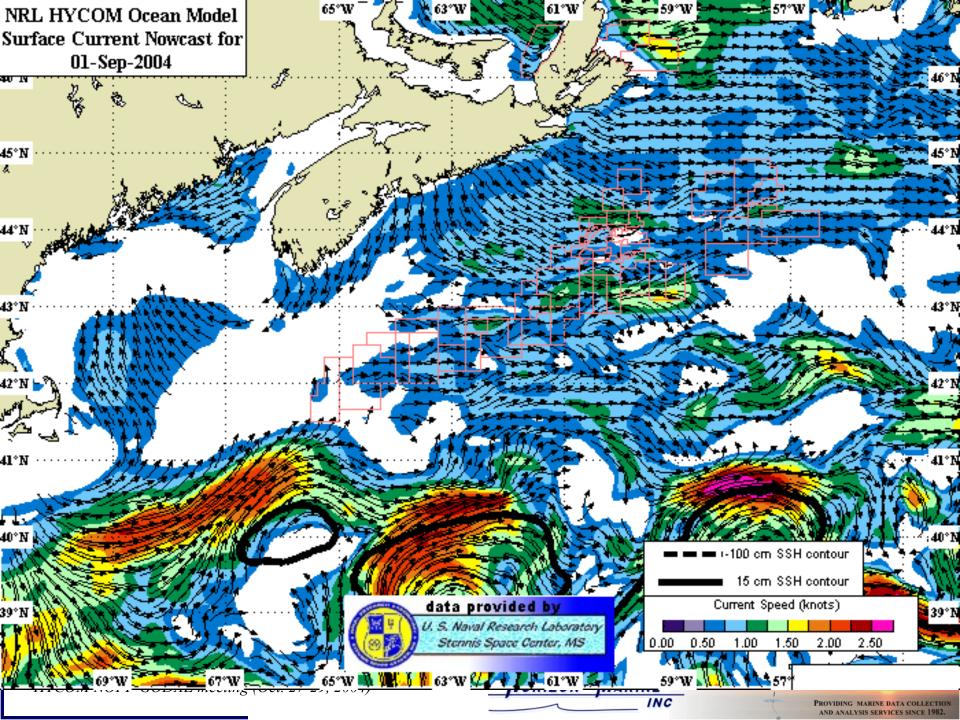


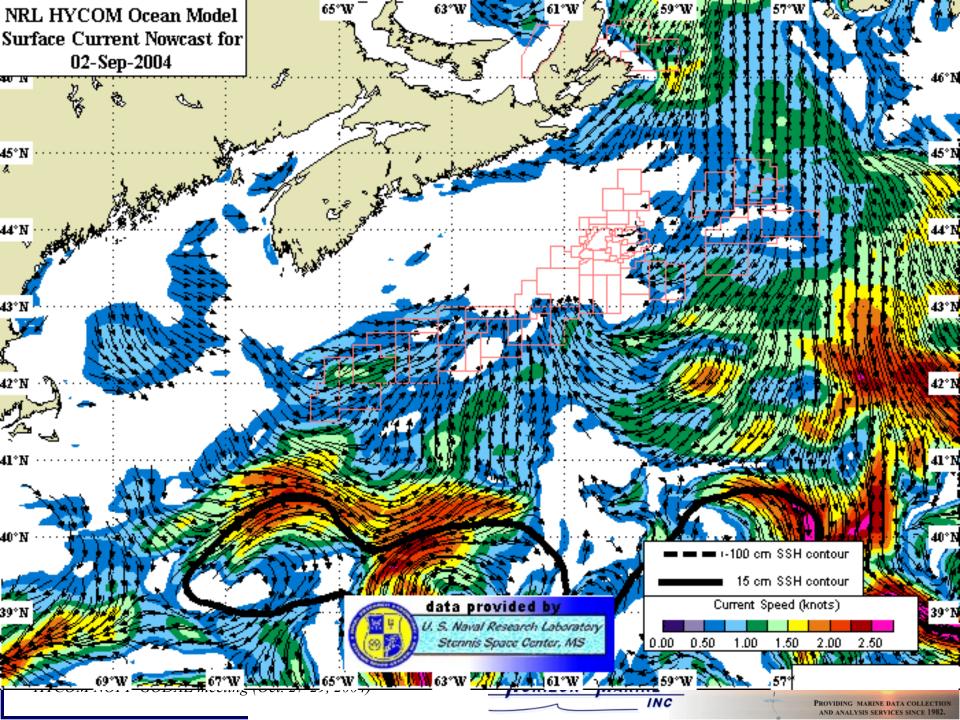


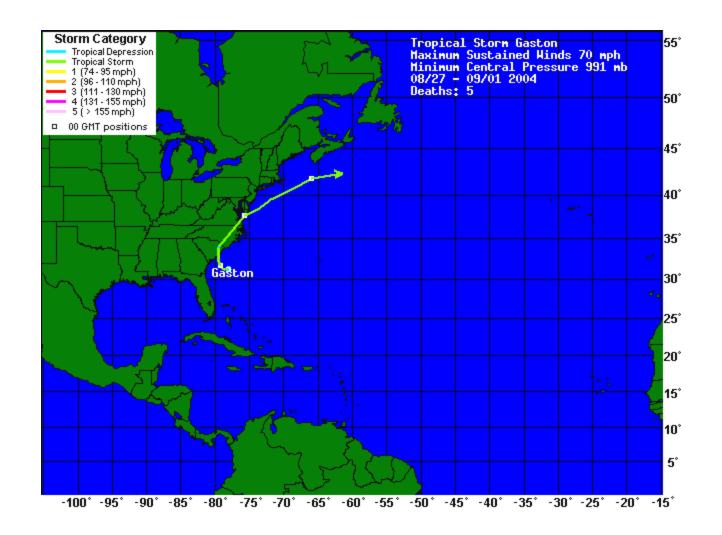
Suggest we revisit the issue of saving a snap-shot every 24 hours?

Should we be doing something different?

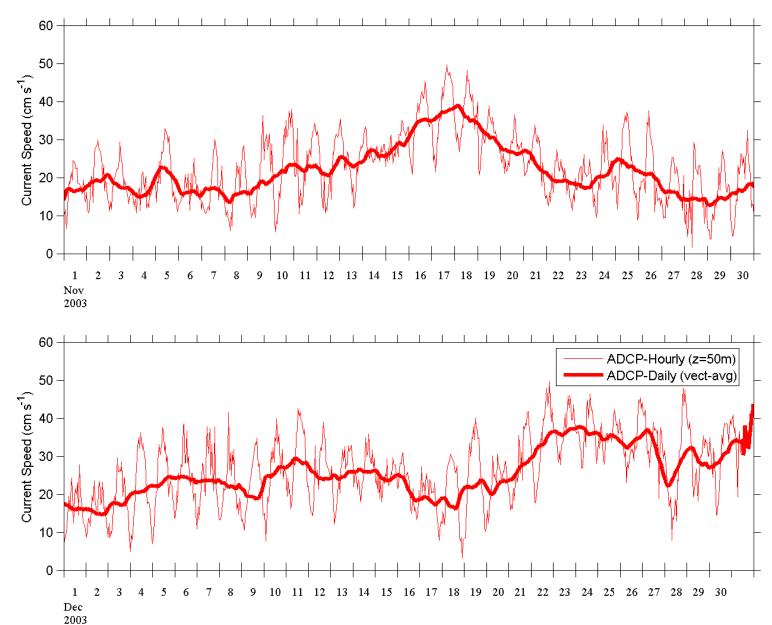








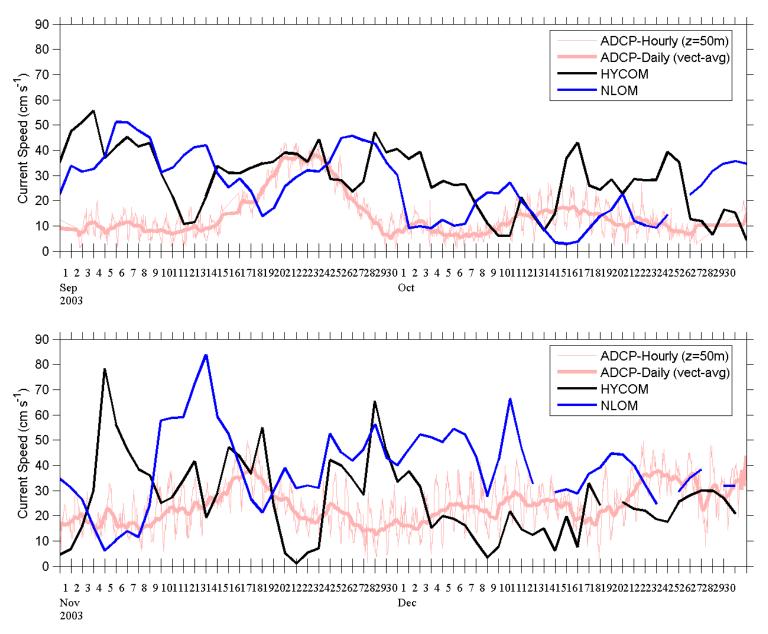
50m Current Observations (Site in Northern Gulf)



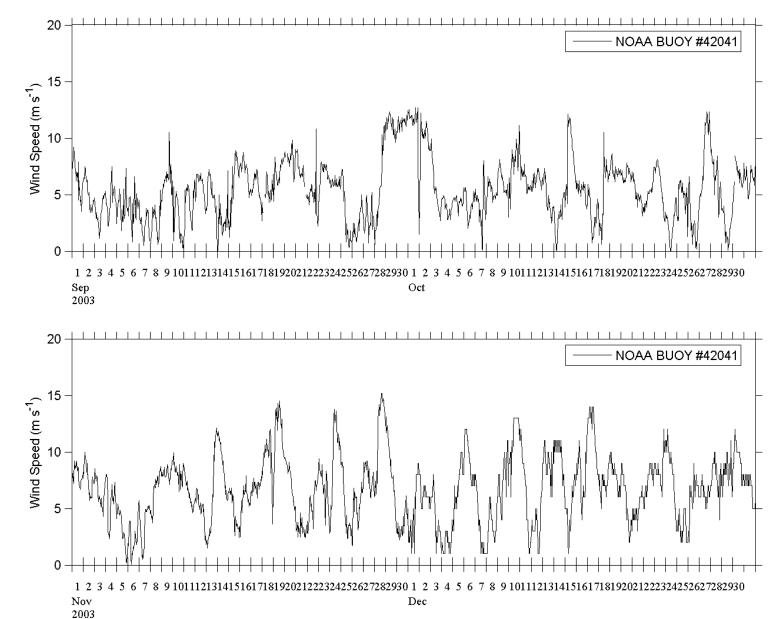




Direct Comparison between Model and Observations (Site in Northern Gulf)

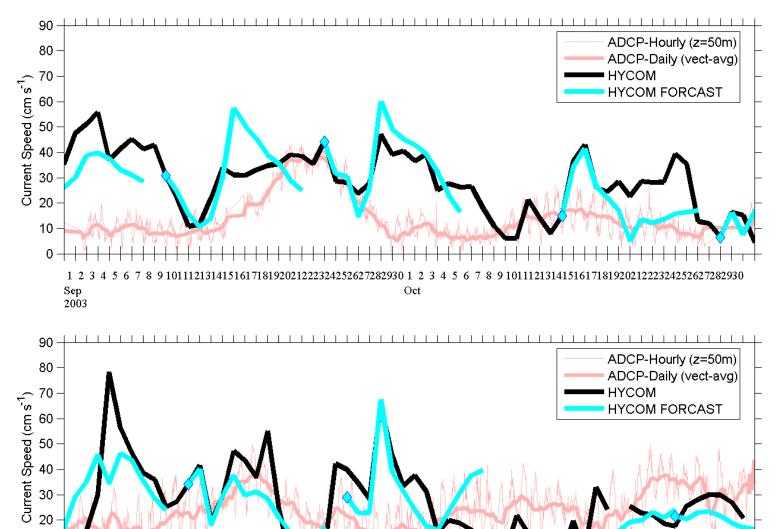


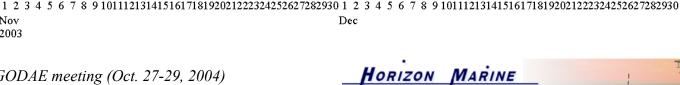
NOAA Buoy Wind Speeds





Direct Comparison between Model and Observations (Site in Northern Gulf)



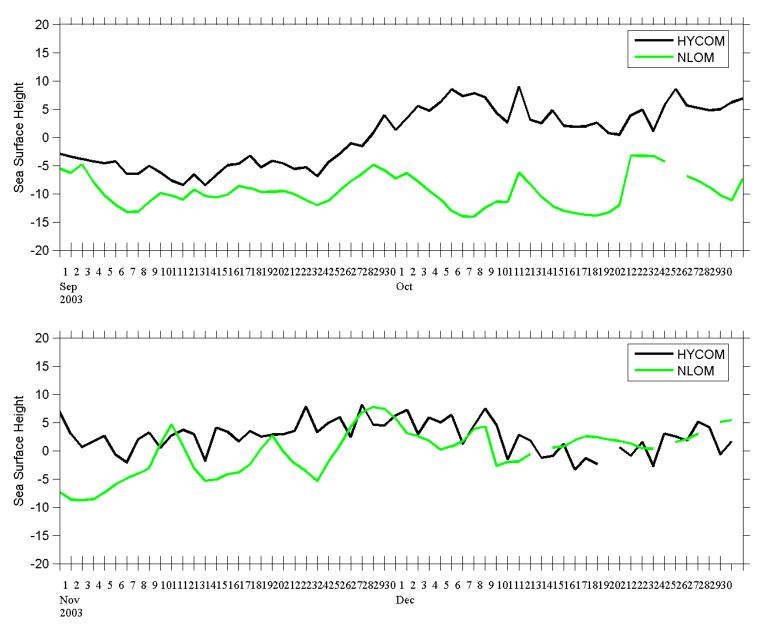


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Model Sea Surface Height (Site in Northern Gulf)



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.

