

WIND CHAPTER

PERCY LINK

1. RESULTS

- Characterize influence of soil moisture: magnitude of changes in surface fluxes, surface temperature, wind; spatial extent of wind changes - how far out into the ocean?; changes in direction
- magnitudes of changes in weak vs. strong synoptic forcing
- dependence on local vs. regional SMOIS
- times of day when changes are strongest
- linearity/nonlinearity of wind changes relative to soil moisture changes
- changes in vertical profile of wind
- changes in stability
- how sensitive to horizontal resolution? comparison with a run at high resolution (0.8 km)