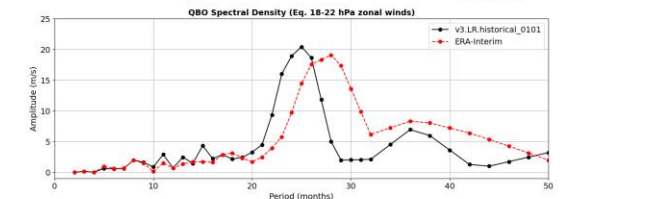
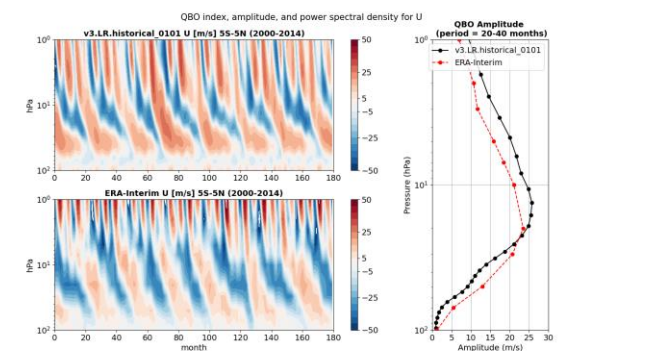
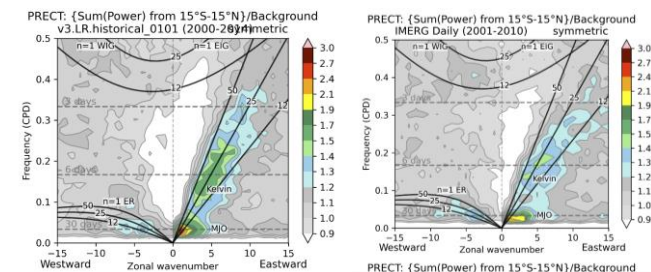
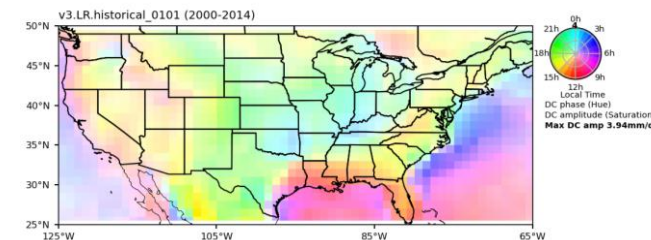


Updates on E3SM Diags

Core developers: : Chengzhu (Jill) Zhang, Chris Golaz, Tom Vo, Ryan Forsyth

- A modern, **Python**-based diagnostics package developed for supporting ESM model development.
- New diagnostics with higher res. spatial/temporal data, e.g.,
 - ❖ Diurnally cycle, ENSO, QBO, and tropical variability
 - ❖ Added in-situ data from DOE ARM.
- Implemented in post-processing tool: **zppy** as a standard analysis task
- Maintain through a portable environment (**E3SM-Unified**) that covers all tools and deployed on **all supported machines**.
- Support both **E3SM native** and **CMIP** variable convention.
- Future work: add more analysis; EAMxx support; rewrite with **xCDAT**

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Additional Support:

