

# GFDL Hurricane Model Ensemble

## FY12 Stream 1.5 candidacy

---

- Continue running a GFDL ensemble with perturbations that target the core region (vortex structure, moisture fields).
- Reduce membership in order to run 2 storms per cycle, by performing an analysis to determine which members can be removed / replaced.
- To increase the amount of track spread and, therefore, intensity spread (see figure on next slide), investigate the replacement of GFS background fields with global ensemble fields.

# GFDL Ensemble: Relationship between track spread and intensity spread

