

- **HURDAT-2 Wind Radii (based on “Best track” approach)**
- HURDAT-2 Radii are not “reliable enough” for use in model validation
 - Wind radii “best-tracked” since 2004
 - “Best-track” data do not incorporate standardization, missing some available observing platforms (e.g Doppler radar, cloud drift winds), do not use compositing techniques that can help fill data voids
 - Moyer et al (2007) indicated a bias (underestimate) in operational wind radii based on comparisons to H*Wind and QuikScat
 - Best track radii have high uncertainty based on “survey” approach (Landsea and Franklin 2013)
 - 34- 50- 64-knot Wind radii are forecast every 6 hours “but even so, these [best track] estimates are not considered reliable enough to warrant a formal verification of the wind radii forecasts.” (Franklin “NHC Forecast Verification” April 2013)