UFS Case Studies - HSUP 1A-2-2a



• Who:

- Dom Heinzeller, Xia Sun, and Linlin Pan (CU/CIRES)
- Ligia Bernardet and John Brown (NOAA/GSL)
- Collaborators: Geoff Manikin and EMC/MEG, UFSR2O Physics

• Why: To enable the community in

- participating in testing and development of physics innovations
- contributing UFS hierarchical testing
- contributing to development of GFS v17/GEFS v13 and beyond
- What: A catalog of community case studies that illustrate GFS biases and can be run with the MRW/SRW releases or with the top of development using the global workflow



UFS Case Studies Website

Welcome to the Case Studies F × +

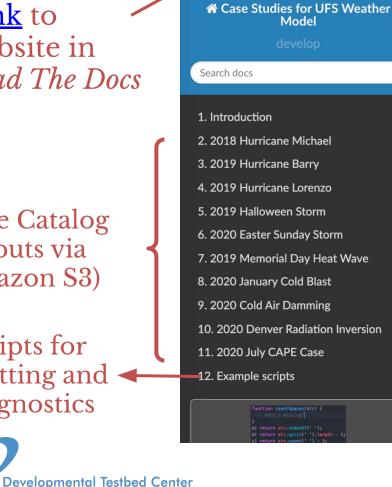
ufs-case-studies.readthedocs.io/en/develop/

Link to website in Read The Docs

Case Catalog (inputs via Amazon S3)

Scripts for plotting and diagnostics

DTC



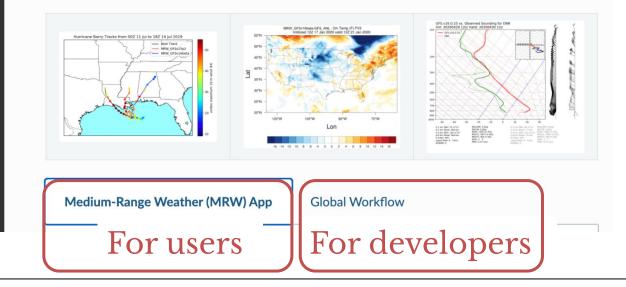
Apps

Docs » Welcome to the Case Studies Page for the UFS Weather Model

★ Bookmarks 🚱 AMS 101st Annual... 🗁 UFS-SC 🦳 DTC 🗁 CIRES 🦳 Federal 🗁 Workflow 🗁 UFS Release 🗁 Global T&E

Welcome to the Case Studies Page for the UFS Weather Model

This documentation provides resources for representative case studies in the Unified Forecast System (UFS) Weather model using UFS Medium-Range Weather Application (for community) and NOAA Environmental Modeling Center's Global Workflow (for developers).





Open

dev

UFS Physics WG

C Edit on GitHub