

NASA Airborne Data Workshop

Airborne Data Producers

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IMPACTS



IMPACTS 2020, 2022

Datasets - Part 1 of 2

- **Aircraft**
 - ER-2 - AMPR, CPL, CRS, CoSMIR, EXRAD, HIWRAP, LIP,
 - P-3 - AVAPS, Particle Probes (Hawkeye, CDP, 2D-S, CPI, HVPS, Nevzorov, PMS King, Rosemount), PHIPS, TAMMS
- **Ground** - 2DVD, ASOS, NYS Mesonet, Met Stations, Parsivel, PIP, Pluvio
- **Lidar** - Ceilometer, Doppler Lidar
- **Model** - WRF

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- **Radar** - KaSPR,, MRMS, MRR, NEXRAD, NPOL, RaXPOL, ROGER, SKYLER
- **Reports** - Daily Forecast, Mission Summary, P3 Science Summary, Science Summary
- **Satellite** - GOES (CONUS, Mesoscale)
- **Upper Air** - Mobile Research (NCSU, SBU, UIUC), NOAA Operational, NYS Profiler MWR

DAAC Interaction

- **GHRC:**
https://ghrc.nsstc.nasa.gov/uso/ds_details/collections/impactsC.html
- Most interactions with Leigh Sinclair - very responsive
- **“Pain Points”**
 - Long questionnaire
 - File renaming
 - Command line lftp - need suggested GUI's for linux, mac, windows
- **Suggestions:**
 - Subdivide datasets by type to make it easier to locate data of interest
 - Add better search tools (see https://orca.atmos.washington.edu/dynamo_legacy)
 - Add wget commands for easy downloads of large datasets