

DATA MANAGEMENT

1. Data Management and Availability

Data management and dissemination will be according to the HRD data policy that can be viewed at http://www.aoml.noaa.gov/hrd/data_sub/

Data Management Plans have been produced for nearly all observational and model products made available by NOAA/AOML/HRD (Table DM-1) and are available upon request to the AOML Data Management Group [REPRESENTATIVES: **Heather Holbach & Kathryn Sellwood**].

A brief description of the primary data types and contact information made available via HRD are listed in Table DM-1.

Raw data are typically available immediately after a flight, subject to technical and quality assurance limitations. Some P-3 and G-IV raw data can be accessed through NOAA/OMAO/AOC after the mission at <https://seb.oma.noaa.gov/pub/acdata/>. Processed data or other data that has undergone further quality control or analyses by HRD scientists are normally available to the Principal and Co-investigators within a period of several months after the end of the HFP.

All requests for NOAA data gathered during the HFP should be forwarded by email to the associated contact person in the HRD data products list (Table DM-1) or via email to [HRD ACTING DIRECTOR: **Shirley Murillo**] or the [DDAL REPRESENTATIVE].

2. Basin-scale HWRF Real-time Products

The real-time Basin-scale HWRF (run by the Modeling Team at NOAA/AOML/HRD) and the operational Hurricane Analysis And Forecast System (HAFS) can be accessed at the following webpage: <https://storm.aoml.noaa.gov/basin/?projectName=BASIN>

2024 NOAA/AOML/HRD Hurricane Field Program - APHEX

DATA MANAGEMENT

3. HRD Data Products List

Table DM-1. Instruments, platforms, products, and contacts for HRD HFP Data. [AOML DATA GROUP REPS]: Heather Holbach (heather.holbach@noaa.gov) & Kathryn Sellwood (kathryn.sellwood@noaa.gov)

INSTRUMENTS	INVESTIGATORS
Tail Doppler radar (TDR)	John Gamache (john.gamache@noaa.gov) Paul Reasor (paul.reasor@noaa.gov)
Multi-Mode Radar (MMR)	John Gamache (john.gamache@noaa.gov) Paul Reasor (paul.reasor@noaa.gov)
Stepped Frequency Microwave Radiometer (SFMR)	Heather Holbach (heather.holbach@noaa.gov)
Cloud Physics Probes	Xuejin Zhang (xuejin.zhang@noaa.gov)
Imaging Wind and Rain Airborne Profiler (IWRAP)	Paul Chang (paul.s.chang@noaa.gov)
Wide Swath Radar Altimeter (WSRA)	Heather Holbach (heather.holbach@noaa.gov) Ivan Popstefanija (popstefanija@prosensing.com)
W-Band radar	Elizabeth Thompson (elizabeth.thompson@noaa.gov)
Airborne Radio Occultation (ARO) System	Jennifer Hause (jhaase@ucsd.edu)
PLATFORMS	INVESTIGATORS
P-3 and G-IV Flight-level	Neal Dorst (neal.m.dorst@noaa.gov)
GPS Dropwindsonde	Kathryn Sellwood (Kathryn.sellwood@noaa.gov)
Airborne eXpendable BathyThermograph (AXBT)	Nick Shay (nshay@miami.edu) Jun Zhang (jun.zhang@noaa.gov)
OBSERVATIONAL PRODUCTS	INVESTIGATORS
HEDAS Pre-processing	Altug Aksoy (altug.aksoy@noaa.gov)
Center Fixes / Tracks (2-min)	Neal Dorst (neal.m.dorst@noaa.gov)
INFORMATIONAL	INVESTIGATORS
Flight Logs (e.g., LPS, Radar, Dropsonde, Boundary Layer)	Neal Dorst (neal.m.dorst@noaa.gov)
MODEL PRODUCTS	INVESTIGATORS
Basin-scale HWRP	Ghassan Alaka (ghassan.alaka@noaa.gov)

2024 NOAA/AOML/HRD Hurricane Field Program - APHEX

DATA MANAGEMENT

Hurricane Analysis and Forecast System (HAFS)	Andrew Hazelton (andrew.hazelton@noaa.gov)
HWRF Hurricane Ensemble Data Assimilation Scheme (HEDAS)	Sim Aberson (sim.aberson@noaa.gov) Altug Aksoy (altug.aksoy@noaa.gov)