

2018 NOAA/AOML/HRD Hurricane Field Program - IFEX

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 on request with the HRD [DDAL (Data Display, Archival, and Legacy Working Group) REPRESENTATIVES].

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.noaa.gov/pub/>. 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 DIRECTOR] or the [DDAL REPRESENTATIVES].

2. Basin-scale HWRF Real-time Products

The real-time Basin-scale HWRF is run by the Modeling Team at NOAA/AOML/HRD and can be accessed at the following webpage: storm.aoml.noaa.gov

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3. HRD Data Products List

Table DM-1. List of products and analyses made available by HRD in support of the HFP and the contacts

INSTRUMENTS	<i>Investigators</i>
Tail Doppler radar (TDR)	John Gamache (john.gamache@noaa.gov) Paul Reasor (paul.reasor@noaa.gov)
Lower Fuselage (LF) radar	John Gamache (john.gamache@noaa.gov) Paul Reasor (paul.reasor@noaa.gov)
Stepped Frequency Microwave Radiometer (SFMR)	Heather Holbach (heather.holbach@noaa.gov)
Doppler Wind LIDAR (DWL)	Lisa Bucci (lisa.bucci@noaa.gov)
Cloud Physics Probes	Robert Black (Robert.a.black@noaa.gov)
Compact Rotational Raman LIDAR	Jun Zhang (jun.zhang@noaa.gov)
PLATFORMS	<i>Investigators</i>
P-3 and G-IV Flight-level	Neal Dorst (neal.m.dorst@noaa.gov)
Dropsonde	Kathryn Sellwood (Kathryn.sellwood@noaa.gov)
Coyote	Joe Cione (joe.cione@noaa.gov) Kelly Ryan (Kelly.ryan@noaa.gov)
Airborne eXpendable BathyThermograph (AXBT)	Nick Shay (nshay@miami.edu) Jun Zhang (jun.zhang@noaa.gov)
OBSERVATIONAL PRODUCTS	<i>Investigators</i>
HEDAS Pre-processing	Altug Aksoy (altug.aksoy@noaa.gov)
Center Fixes / Tracks (2-min)	Neal Dorst (neal.m.dorst@noaa.gov)
INFORMATIONAL	<i>Investigators</i>
Flight Logs (e.g., LPS, Radar, Dropsonde, Boundary Layer, DWL)	Neal Dorst (neal.m.dorst@noaa.gov)
MODEL PRODUCTS	<i>Investigators</i>
Basin-scale HWRF	Ghassan Alaka (ghassan.alaka@noaa.gov)
HWRF Hurricane Ensemble Data Assimilation Scheme (HEDAS)	Sim Aberson (sim.aberson@noaa.gov) Altug Aksoy (altug.aksoy@noaa.gov)