

NCAR/EOL Data Management Services for WINTRE-MIX

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WINTRE-MIX Project Page

https://www.eol.ucar.edu/field_projects/wintre-mix



Search

WINTRE-MIX

February 1, 2022 to March 15, 2022

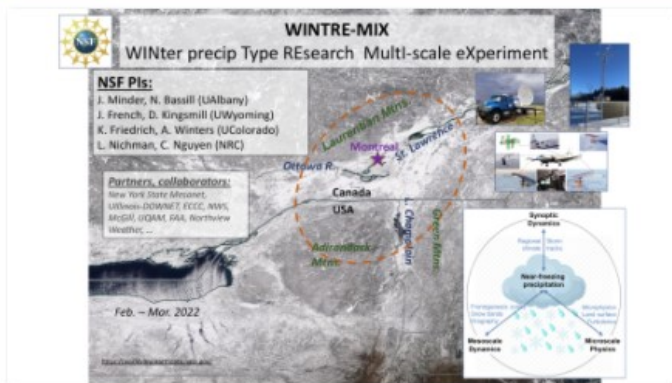
Project Location:

Northern New York and Southern Quebec, with a focus on the Saint Lawrence River Valley and Lake Champlain Valley

What's New?:

- [WINTRE-MIX Planning Meeting](#) - 13/14 December 2021 - SUNY Albany
- [ADVANCEGeo training - Required Code of Conduct Training \(Virtual\)](#) - 14 Dec 2021
- [Northeast Regional Operational Workshop 22 \(NROW22\) Presentation](#) - 9 November 2021 - Albany, NY
- [Internal Winter Weather Workshop Presentation](#) - 5 November 2021 - NWS Burlington, Vermont (BVT)

Project Description:



Overview



DATA ACCESS

Data Access
Field Catalog

Data Archive/
Field Catalog

DATA DOCUMENTATION

WINTRE-MIX Data Policy
WINTRE-MIX Data Management Plan
Dataset Documentation ("Readme")
Requirements
DOI Guidance to Authors
EOL FDA Data Submission Instructions -
Post Field Phase

Data Policy/
Data Management
Plan

SAFETY & CODES OF CONDUCT

WINTRE-MIX COVID Safety Protocols
WINTRE-MIX Code of Conduct
NSF Important Notice No. 144:
Harassment
UCAR/NCAR Codes of Conduct












Codes of Conduct/
COVID Safety
Protocols

MEETINGS AND PRESENTATIONS

WINTRE-MIX Planning Meeting
Presentations - 13/14 Dec 2021
Northeast Regional Operational
Workshop 22 (NROW22) Presentation -



NCAR/EOL WINTRE-MIX Data Archive

SNOWIE Data Sets 		
Data Set Name (Responsible Group/PIs shown in parentheses)	Date Posted	Info
Aircraft		
Aircraft Meteorological Data Reports (AMDAR) and Aircraft Communications Addressing and Reporting System (ACARS) Data [ESRL-GSD]		
UW King Air (UWKA) Flight Level Data (1 Hz, 25 Hz, and 2D Images) [UWKA Facility]	2017-09-21	
UW King Air Hydrometeor Size Spectra [French, Jeff, Adam Majewski/UW]	2017-12-22	
UW King Air Manually Corrected Nevzorov Liquid/Total/Ice Water Content [French, Jeffrey R., Dalton Behringer/UW]	2021-06-02	
UW King Air Wyoming Cloud Lidar (WCL) Data (Level 1) [UWKA Facility]	2017-09-21	
UW King Air Wyoming Cloud Radar (WCR) Data (Level 1 and Level 2) [UWKA Facility]	2017-09-21	
WCR L2 Up-Down Merged with Vertical Velocity Estimate Improved using Sounding Winds [Geert, Bart, Adam Tripp/Univ of Wv]	Updated 2017-06-29	
WMI/IPC Seeding Aircraft Flight Level Data (1 Hz) [Weeks, Courtney, Roelof Bruinjes/NCAR]	2018-11-20	
Ancillary		
NRCS/NWCC Precipitation, Snowpack and Reservoir Basin Data Reports [NRCS NWCC]	2017-03-16	
SNOTEL Web Site	2017-03-16	
SNOWIE Chat Logs [NCAR-EOL]	2017-09-21	
SNOWIE Field Catalog [NCAR-EOL]	2017-03-16	
USDA Natural Resources Conservation Service Idaho Snow Survey Program [USDA]	2017-03-16	
Hydrology		
NOAA/ESRL/GSD MADIS Hydrological Data (netCDF format) [NOAA-ESRL]		
Hydrology: Precipitation		
CU Disdrometer Data at Packer John Site [Friedrich, Katja/CU]	2017-09-05	

- Comprehensive list of all WINTRE-MIX Datasets:
 - Field Collected Dataset
 - Links to Accompanying Archives (e.g., NRC, NYS Mesonet)
 - Supporting Operational Datasets

- Long-Term Data Archive with Dataset Versioning, Password Protection, DOI Assignment.

- All NSF supported WINTRE-MIX datasets to be archive in the NCAR/EOL archive.



WINTRE-MIX Data Policy

- Final QC'd Data due to NCAR/EOL WINTRE-MIX Data Archive (*or to an archive as specified in the WINTRE-MIX Data Management Plan*) within **6 months** after the End of WINTRE-MIX Field Phase (**16 Sep 2022**).
- For an additional **6 months**, data may be restricted to WINTRE-MIX PIs/ Participants use (**until 16 Mar 2023**).
- Data becomes Public Domain at **12 Months** following End of WINTRE-MIX Field Phase (**after 16 Mar 2023**).
- All data shall be promptly provided to other WINTER-MIX investigators upon request.
- During 1 year restricted period, investigators who collected data **MUST** be notified first of intent to use data. At any time, proper acknowledgment should be given, including use of dataset Digital Object Identifiers (DOIs) .
- Final datasets within the NCAR/EOL Field Data Archive will be assigned DOIs. *Preliminary datasets are not assigned DOIs.*



Summary of WINTRE-MIX Data Management at NCAR/EOL

- **NCAR/EOL WINTRE-MIX Project Page**

- Plans, Policies, Data Access, Field Catalog, Codes of Conduct, Covid Protocols, Contacts, Publications, and more.

- **WINTRE-MIX Google Mailing List** (~60 members): wintre-mix@ucar.edu

- Submissions are Monitored and Approved.
 - Anyone else need to be added?

- **Long-Term Field Data Archive for NSF-Funded PI Instrument Datasets**

- **Upper Air Sounding Data Composite**

- Will include all provided field collected and operational soundings (e.g., High Resolution ASOS).

- Soundings will be converted common format with common Quality Assurance and Quality Control process applied. **

- **What operational sounding datasets should be included in the Data Archive?**

We need to know well in advance any that require Real-time data collection.

Please sent requests to cully@ucar.edu

** Loehrer, S. M., et. al., 1998: Results from UCAR/JOSS quality control of atmospheric soundings from field projects. Preprints, Tenth Symposium on Meteorological Observations and Instrumentation, Phoenix, AZ, Amer. Meteor. Soc., 1-6.

Summary

- NCAR/EOL WINTRE-MIX Project Page at https://www.field_projects/wintre-mix



- Send questions/comments to:

- Linda Cully cully@ucar.edu & Summer Stafford summers@ucar.edu