

Multi-Radar Multi-Sensor (MRMS) Dataset Sharing Policy
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No specific guidelines exist for non-NOAA government agency usage and/or rights to access / share / archive / modify the NOAA/NSSL NEXRAD MRMS experimental data streams. For the purposes of collaborative projects and data archive / sharing, NSSL partners have proposed a set of policies specifying user responsibilities of these data. This includes MRMS products from the National Mosaic and QPE project (mosaicked reflectivity and Q2/Q3 precipitation products) and the flash flood products coming from the Flooded Locations and Simulated Hydrographs (FLASH) project. Ideally, scientific investigations using the MRMS products will be carried out in close collaboration with the NSSL scientists who have been involved in the research, development, and creation of the datasets. However, there are likely to be instances in which NSSL scientists are only indirectly involved in the research studies or uses of the NMQ data. Thus, we have defined the following requests when using NMQ data sets:

- **Use of Mosaic Datasets Without Acknowledgement:** It is requested that users refer to the NOAA / NSSL's National Mosaic and QPE system when using or presenting these data in any public or scientific forum including conferences, workshops, meetings, technical reports and publications. An appropriate reference to the 3D reflectivity mosaics for publication and presentation purposes is:

Zhang, J., K. Howard, and J.J. Gourley, 2005: Constructing three-dimensional multiple radar reflectivity mosaics: Examples of convective storms and stratiform rain echoes. *J. Atmos. and Ocean. Technol.*, **22**, 30-42.

And when using all other 2D products, the proper reference is:

Zhang, J., K. Howard, C. Langston, S. Vasiloff, B. Kaney, A. Arthur, S. Van Cooten, K. Kelleher, D. Kitzmiller, F. Ding, D-J. Seo, E. Wells, and C. Dempsey, 2011: National Mosaic and Multi-Sensor QPE (NMQ) System: Description, Results, and Future Plans, *Bull. Amer. Meteor. Soc.*, **92**, 1321-1338

Further, third-parties that wish to make use of U.S. Government works should be aware of the provisions of 17 U.S.C. § 403, in the event that the third-party claims copyright on the subsequent work. Section 403 encourages the Publisher to disclaim any copyright over U.S. Government works that are incorporated into larger works on which copyright is claimed.

- **Duplicating Analysis Methods in Order to Mimic the Dataset:** Portions of the dataset were developed by the National Oceanic and Atmospheric Administration (NOAA), U.S. Department of Commerce. For these portions, NOAA requests that users not duplicate analysis methods in order to mimic the dataset.
- **Excessive Revealing of Errors (related to this dataset) Without Communicating Findings to the Developers:** Collaborators / Users are encouraged to communicate discovery of errors or other limitations of this dataset as means to constructively improve future Mosaic and QPE efforts.
- **Sharing these Data with Users Outside of the Intended Audience and Purpose:** Users are requested not to share the data with other users, even within the same institute or group, without obtaining permission from the NMQ team at NSSL.
- **Holding the NSSL scientists liable for decisions, legal actions, or conclusions stemming from the use of the NMQ datasets:** The NMQ datasets are being provided in-kind for the advance of science and the NSSL scientists shall not be held liable for decisions made in the provision of the data. Moreover, these data are experimental and subject to revision as improvements to processing algorithms are continually being made.