



Meredith Bell
Atmospheric Program Manager

Meredith Bell has more than 20 years of professional experience as a meteorologist working in a variety of sectors (research, forecasting, modeling, and data acquisition), which uniquely positions her to understand the distinct needs of different weather community stakeholders. As the Atmospheric Program Manager at FLYHT Inc, she researched the current and future value of the WVSS-II sensor by connecting with a global network of atmospheric scientists, and was the subject matter expert on the FLYHT team for the acquisition process. Meredith also worked with NOAA and the World Meteorological Organization (WMO) to collaborate and document the importance of aircraft-based observations with humidity to the weather enterprise. Meredith earned her Project Management Professional (PMP) certification in 2018 and is the project manager for the FLYHT WVSS-II expansion. She also analyzes the FLYHT weather datasets and provides routine reports on data locations and quality to the meteorological community.



Meredith started working with aircraft-based observations, 17 years ago at AirDat LLC and then Panasonic Weather Solutions as a Senior Meteorologist and Atmospheric Program Manager. During these roles she served as a product manager for the TAMDAR sensor weather applications and performed case-studies to demonstrate the impact of improved model techniques and additional aircraft-based observations on model performance. She presented these study results to the weather community at the American Meteorological Society annual meetings. Meredith also led the forecasting team to provide real-time forecasts to the energy sector.

Prior to joining AirDat, Meredith worked as a broadcast meteorologist in Spokane, WA and Raleigh, NC. Meredith also participated in the student internship course at the Raleigh National Weather Service office. She worked as a graduate research assistant while at North Carolina State University researching the impacts of landfalling hurricanes on inland precipitation.

Meredith is a member of the American Meteorological Society (M'03), WMO Joint Expert Team on Aircraft Based Observing Systems (Jet-ABO), and the RTCA.

Meredith has a master's degree in Atmospheric Science from North Carolina State University (2005) and a bachelor's degree in Meteorology with a minor in statistics from the State University of New York at Oswego (2003).