

EDWARD MAHONEY

Warning Decision Training Branch

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Ed Mahoney was selected as the Chief of the Warning Decision Training Branch in 2001. He began working on the NEXRAD program in 1983 as an Air Force Captain at the Air Weather Service. Mahoney was then selected as the NEXRAD Director of Operations for the three-year tri-agency (DOC, DOT, and DOD) NEXRAD Operational Test and Evaluation. In 1991, Mahoney moved over to the National Weather Service, where he was able to use his NEXRAD expertise to help create the WSR-88D Help Desk.

Mahoney's recent field experience began in 1995 when he was selected as the Science and Operations Officer (SOO) at the National Weather Service Forecast Office in Buffalo. As SOO, Mahoney was awarded a DOC bronze medal for developing new winter weather forecast techniques and selected as the National Weather Association (NWA) Operational Forecaster of the Year. In 1997, Federal Computer Week named Mahoney as one of the top 100 Federal Employees of the year for his innovations in operational winter weather forecast techniques.

Mahoney serves as the executive producer for the Convective and Winter Weather Professional Development Series (PDS) and has recently been elected to serve as the president of the Central Oklahoma Chapter of the American Meteorological Society (COCAMS).

Mahoney's experience gained in the operational forecast environment provides insight to understanding challenges faced by the field NWS training community. Mahoney is particularly interested in the visualization of training concepts and how it can be applied in the operational environment. One such visualization tool developed by Mahoney, BUFKIT, is used for training and operational decision making at more than 70 NWS forecast offices, at Environment Canada, and the South African Weather Service.