Michael Brennan, Ph.D.

Director
National Hurricane Center

Michael Brennan, Ph.D., is the Director of NOAA's National Hurricane Center (NHC) in Miami, Florida, where he oversees NHC's tropical cyclone and marine forecast and warning missions and the provision of Impact Based Decision Support Services (IDSS) related to marine and tropical cyclone hazards. He also serves as the chair of the WMO RA-IV Hurricane Committee.

Dr. Brennan previously served as the Branch Chief of NHC's Hurricane Specialist Unit from 2018-2023, where he directly supervised the issuance of tropical cyclone forecasts and warnings for the Atlantic and eastern North Pacific hurricane basins for the United States and more than 20 other nations.

From 2008 to 2018, Dr. Brennan served as a senior hurricane specialist at NHC, a position where operational duties included the issuance of track, intensity, and wind radii forecasts and associated watches and warnings for tropical cyclones in the Atlantic and eastern North Pacific oceans.

Previously, Dr. Brennan served as the Science and Operations Officer (SOO) at the National Weather Service's Weather Prediction Center (WPC), which is responsible for producing wide variety of weather forecast guidance, including quantitative precipitation forecasts (QPF), snow and ice forecasts, and medium range forecasts for local NWS offices and other customers. As SOO, Dr. Brennan served as the primary science advisor, responsible for staff training and the infusion of science into operations.

Dr. Brennan has presented at numerous scientific meetings, including conferences of the American Meteorological Society, the American Geophysical Union, and the National Weather Association. Dr. Brennan serves as a reviewer for several scientific journals and is currently an associate editor for the AMS journals *Weather and Forecasting* and *Monthly Weather Review*.

Dr. Brennan attended North Carolina State University, receiving a Bachelor's Degree in Meteorology (1999), and a Master's Degree (2001) and Doctorate (2005) in Atmospheric Sciences. His graduate research focused on issues related to operational forecasting in the Carolinas and mid-Atlantic, such as the erosion of Appalachian cold-air damming and the distribution of precipitation in extratropical cyclones, as well other aspects of synoptic/dynamic meteorology and numerical modeling.

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