



Jeff J. Beamish

Meteorologist, Project Manager

Mr. Beamish joined Sonoma Technology as a Meteorologist in 2019. He is responsible for issuing daily air quality forecasts for a variety of pollutants in several cities in the United States and Mexico. He specializes in analyzing air quality and meteorology data to improve forecasting accuracy for ozone and particle pollution and produce air quality climatologies and forecast tools. He is the lead author on meteorology publications that range from monthly and annual air quality summaries to

meteorological instrument audits.

Mr. Beamish manages a variety of projects, with a focus on operational forecasting and air quality tool development. He often leads quality assurance efforts for products and websites, creating rigorous testing strategies that ensure the projects meet client goals. He also produces social media content, videos, and podcasts to raise air quality awareness for the general public.

Mr. Beamish previously worked closely with the AirNow program, overseeing hourly data quality from national and international monitoring sites. He also handled AirNow inquiries from clients, stakeholders, and the public, and often helped with submissions of air quality data and large records requests. Additionally, local government agencies have relied on his air quality and meteorological knowledge, and he has assisted in training their air quality forecasters.

Prior to working at Sonoma Technology, Mr. Beamish was a broadcast meteorologist in Tucson, Arizona. For over a decade, viewers depended on his experience and analysis in forecasting the North American Monsoon, extreme heat, and mountain snow events. A variety of national platforms have also relied on his expertise; he has made appearances ranging from The Weather Channel to MSNBC, and has been quoted in The Washington Post and New York Times. During his tenure in Tucson, he also conducted several outreach events at local schools, teaching meteorology to thousands of southern Arizona children.

Mr. Beamish is a proud graduate of Saint Cloud State University, where he majored in Earth and Atmospheric Science and minored in Broadcast Journalism. While attending Saint Cloud State University, he worked at the campus television station. In 2007, his broadcast efforts were recognized in the "National Student TV Meteorologist" category by the Broadcast Education Association.

Education

BS, Earth & Atmospheric Science
Saint Cloud State University

Memberships

American Meteorological Society

For a list of publications, see
sonomatech.com/ResPub/JJBpub.pdf.