John Bryant

AMS, NWA, EPA-Certified
Forensic Meteorologist | Environmental Compliance Expert | AI Meteorological Specialist

Professional Summary

Highly accomplished forensic meteorologist with over 27 years of experience, holding the rare distinction of being triple certified by the American Meteorological Society (AMS), National Weather Association (NWA), and the Environmental Protection Agency (EPA). Recognized as one of the only meteorologists in the world with these combined certifications, offering unparalleled expertise in forensic weather analysis, environmental compliance, and expert witness testimony. Proven track record of providing detailed, scientifically backed insights that have shaped case outcomes, supporting legal teams, insurance professionals, and businesses in various complex weather-related scenarios.

Core Competencies

- Forensic Weather Analysis & Expert Testimony

- Environmental Compliance & Regulatory Expertise

- Personal Injury & Insurance Claims Weather Investigations

- AI and Machine Learning in Meteorological Modeling

- Broadcast Meteorology

- Clear, Accessible Communication for Legal Audiences

Professional Experience

Forensic Meteorology Expert Witness

- Provided expert testimony and detailed forensic weather analysis for personal injury claims and insurance litigation.

- Prepared comprehensive, credible, and trusted meteorological reports to support legal arguments, focusing on ensuring accurate weather event reconstruction.

- Delivered timely analysis of complex meteorological data, enhancing the credibility of evidence presented in legal settings.

- Collaborated closely with legal teams to simplify complex weather data, helping juries and judges understand how weather conditions impacted cases.

- Played a key role in winning wrongful death cases and multiple personal injury cases involving auto accidents, providing critical meteorological analysis that shaped legal arguments and outcomes.

Chief Meteorologist
ABC Affiliate Station in Memphis for 10 years

- Led a team of meteorologists for over 10 years, delivering accurate and timely weather forecasts that served hundreds of thousands of viewers daily.

- Developed and implemented advanced weather forecasting models and techniques, improving forecast accuracy and public safety awareness.

- Coordinated with local emergency services to provide life-saving information during extreme weather, such as hurricanes, tornadoes, and winter storms.

Member, AI Computer Model Evaluation Group

- Collaborated with a multidisciplinary team to evaluate and enhance AI-driven weather models, ensuring the integration of cutting-edge technologies in meteorological forecasting.

- Provided critical assessments of AI computer models, contributing to improvements in the accuracy of long-term forecasting for weather-sensitive sectors such as agriculture and energy.

Certifications

- American Meteorological Society (AMS) Seal of Approval

- National Weather Association (NWA) Seal of Approval

- EPA Certification for Environmental Regulatory Compliance

Education
B.S. in Geosciences with an emphasis in Meteorology and Atmospheric Science
Mississippi State University, 2001

Notable Achievements

- Successfully provided expert witness testimony in a $750,000 lawsuit involving extreme weather conditions, which led to a favorable settlement for the client.

- Played a pivotal role in winning wrongful death cases, as well as multiple personal injury cases involving auto accidents, through precise and credible weather analysis.

- One of the only meteorologists in the world to achieve triple certification (AMS, NWA, EPA), underscoring unmatched expertise in weather analysis and compliance.

Technical Skills

- Weather Modeling Software: WRF, GFS, ECMWF

- Data Analysis Tools: Python, R, MATLAB

- Environmental Compliance: Proficient in EPA regulations and environmental impact assessments

- Communication Platforms: Zoom, Microsoft Teams, Webex