

**METEOROLOGIST****FORENSIC WEATHER • CLIMATOLOGY • MILITARY • ENERGY COMMODITIES**

Certified Consulting Meteorologist (CCM) with 23+ years of experience in forensic weather reconstruction, military operations, and energy commodity weather analysis. Expert witness providing litigation-grade meteorological analysis for insurance, catastrophe, and liability matters nationwide.

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**EXPERIENCE****CARON WEATHER CONSULTANCY, Houston, TX****Dec 2008 – Present****Forensic Meteorologist**

- Conduct litigation-grade forensic weather reconstructions and deliver expert testimony in insurance, liability, and catastrophe-related disputes nationwide.
- Evaluate severe storm, high wind, hail, wildfire, flood, icing, heavy rainfall, and tropical cyclone impacts to determine causation, timing, and hazard severity.
- Apply peer-reviewed methodologies, archived observational datasets, and climatological statistics to produce persuasive, courtroom-ready reports grounded in rigorous multi-source validation.

**ATMOSPHERIC G2, Houston, TX****Jan 2022 – Present****Director of Meteorological Operations**

- Direct operational meteorological decision-support services across the energy, agriculture, and marine sectors.
- Produce high-impact forecast guidance in written, graphical, and briefing formats for 950+ commercial clients.
- Drive development of innovative forecasting products tailored to client-specific risk exposures.

**MACQUARIE, Houston, TX****Feb 2008 – Nov 2021****Chief Commodities Meteorologist**

- First meteorologist hired by Macquarie Bank and built the bank's weather department from the ground up.
- Advised 120 traders and 500+ clients supporting \$10MM+ daily trading exposure.
- Managed a \$950K budget of weather data analytics and third-party vendors.
- Produced short- and long-range forecasts across North America, Europe, and Asia.

**CITIGROUP, Houston, TX****Nov 2006 – Feb 2008****Commodities Meteorologist**

- Served as the dedicated meteorological advisor to 50 energy commodity traders, delivering time-sensitive forecast intelligence supporting high-impact trading and risk decisions across North American markets.
- Produced short- and long-range outlooks translating atmospheric variability into actionable commodity risk guidance.
- Communicated complex meteorological drivers in clear, decision-focused terms, enabling rapid interpretation of weather risk during critical market-moving events.

**UNITED STATES AIR FORCE****Jun 2003 – Nov 2006****Meteorology Officer**

- Led 30+ military personnel at Davis-Monthan AFB, AZ and managed \$4MM Air Force weather system that supported 100 Department of Defense installations across the U.S., Central, and South America.
- Launched crucial flight weather hazard impact information from Tyndall AFB, FL to Pentagon directly contributing to the successful completion of post-9/11 missions during Operation Noble Eagle.
- Key member of the Katrina Crisis Action Team at Keesler AFB, MS completing 24/7 weather support for Hurricane Katrina relief operations including joint search-and-rescue and humanitarian relief efforts.
- Built mission execution forecasts in support of Pacific bomber aircraft such as B-1, B-2, and B-52 bombers out of Andersen AFB, Guam during critical wartime efforts.

## EDUCATION, CERTIFICATIONS & PROFESSIONAL AFFILIATIONS

### **Bachelor of Science in Atmospheric Sciences**

University of Arizona, Tucson, AZ

- Air Force ROTC Scholarship earning military leadership course credits
- The National Society of Collegiate Scholars
- Phi Eta Sigma National Honor Society

### **Certified Consulting Meteorologist Seal** (1 of only 209 nationwide)

The American Meteorological Society has established high standards of technical competence, character, and experience for certified consultants who provide advice in meteorology to the public. The CCM program was established to ensure that certain individuals have been tested and found to meet or exceed those standards.

### **Professional Affiliations**

American Bar Association - Affiliated Professional Member (Litigation, Tort Trial & Insurance Practice, Construction Law, Environment, Energy & Resources Sections)

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## AWARDS & LEADERSHIP

- **Air Force Achievement Medal** - Awarded for distinguished meritorious service as Lead Meteorologist, 25th Operational Weather Squadron, Davis-Monthan AFB, Arizona. Successfully led 30+ personnel on the military operations floor for western United States and South America military missions. Expertly integrated weather data into the air tasking order cycle, which was critical to the successful completion of 150 homeland defense sorties.
- **Air Force Commendation Medal** - Awarded for distinguished meritorious service as Officer in Charge, 36th Operations Support Squadron, Andersen AFB, Guam. Managed the flawless bomber mission execution forecast process in support of the Pacific Command deployment of B-1, B-2, and B-52 bombers.
- **Air Force Expeditionary Service Medal** - Awarded for distinguished meritorious service as meteorologist, 601st Combat Operations Squadron, Tyndall AFB, Florida. Produced 200+ correct and concise weather briefings to the Joint Forces Air Component Commander and supported 150+ sorties to include E-3, fighter and tanking missions.
- **Global War on Terrorism Service Medal** - Awarded for directly serving in support of the Global War on Terrorism-specified Operation Noble Eagle. Service members must be assigned, attached, or mobilized to a unit participating in or serving in support of designated wartime operations.
- **National Defense Service Medal** - Awarded for honorable active military service of the armed forces of the United States during the Global War on Terrorism.
- **Air Force Training Ribbon** - Presented to U.S. Air Force service members on completion of accession training. Training includes basic military training and commissioning through the Reserve Officers' Training Corps (ROTC).