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ALEX BIELFELD

CONSULTING METEOROLOGIST

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Education

State University of New York at Oswego

May 2019

- Bachelor of Science in Atmospheric Science, Meteorology
- Minor in Mathematics

Work History

Forensic Weather Consultants, LLC

September 2024 to Present

- Provides weather consulting services for incidents and accidents that are the subject of insurance claims, lawsuits, disputes, etc. Clients range from single-member law firms or public adjusters to the largest insurance companies in the world.
- Conducts in-depth, site-specific meteorological analyses, prepares detailed written reports, client consultations, site surveys/visits, depositions and expert testimony.
- Completes data gathering, map, and file generation.
- Quality-controls meteorological observations, records, and data.
- Generates maps and plots of meteorological variables and information.
- Works closely with federal government agencies (NCEI, NWS) and FWC clients.

WHEC-TV

June 2021 to September 2024

- On air meteorologist with primary duties on weekdays & weekend mornings
- Prepare and present weathercasts live and in studio for the public within the Rochester and Finger Lakes region of New York
- Experience in forecasting some of the more difficult mesoscale weather phenomena in lake effect snow/rain, lake breezes, and terrain influences on severe weather
- Issued “alert days” when necessary to bring the public eye to attention on days that included any major weather events such as heavy snow, damaging winds, severe thunderstorms, and extreme heat/cold
- Reported live in many major weather events including the Buffalo, NY lake effect snowstorms of November & December 2022, the Wyoming County tornado of July 2022

- Executed numerous severe thunderstorm and tornado cut-ins, including the Wyoming County, NY tornado of July 2022
- Part of the First Alert Weather Team's "In-Depth" analysis of weather which was created to help the general public understand various types of weather phenomena
- Reported and created eye catching weather stories for "Winter" & "Summer" weather specials. Topics included history, preparation, climate, and forecasting various wintertime & summertime meteorology
- Part of WHEC-TV's 6+ hours of live coverage during the April 8th, 2024 Total Solar Eclipse
- Utilize social media in a way to capture an audience in a creative yet knowledgeable way

WENY-TV

April 2019 to May 2021

- On air meteorologist with primary duties on weekdays & weekends
- Provide and present live studio weather content for the Southern Tier of NY and Northern Tier of PA which includes various landscapes which affects temperatures, precipitation, and winds
- Reported live in many different weather phenomena which includes flooding, severe weather, and winter weather and most notably the December 2020 snowstorm which dropped over 40" of snow within parts of the viewing area
- Executed numerous severe thunderstorm cut-ins
- Took part in preparing and presenting stories for the yearly "Severe Weather Special" which included discussing how various weather phenomena occurs, historical impact of past storms, and statistical analysis of the local climate
- Utilize social media in a way to capture an audience in a creative yet knowledgeable way

WNBC-TV

June 2018 to August 2018

- Weather intern and worked alongside Storm Team 4 in New York, NY
- Helped create and update weather graphics used on air and online
- Learned to forecast and communicate weather information to a large audience
- Took part in green-screen practices to help strengthen on air skills

Lake Effect Storm Prediction and Research Center Forecaster

October 2017 to May 2018

- Provide detailed forecasts and decision support services for the NYS DOT, Oswego City School District, & Jefferson Community College up to 48 hours in advance of winter weather events
- Accurately predict lake effect snowstorms and severe thunderstorms
- Excel in precipitation type & rate forecasting for Northern and Central New York

Meteorology Highlights

WHEC-TV

June 2021 to September 2024

- Live, continuous studio coverage of numerous severe weather events including an EF2 Tornado in Wyoming County, NY on July 28, 2022
- Live field reports during numerous winter weather events including the Buffalo, NY lake effect events of Nov 17-20, 2022 and Dec 23-27, 2022

WENY-TV

April 2019 to May 2021

- Live, continuous studio coverage of numerous severe weather events
- Live field reports, and live cut-ins during the December 16-17, 2020 winter storm

Professional Organizations

American Meteorological Society

2025 to Present

- Active member.

Claims and Litigation Management Alliance

2025 to Present

- Active member.

Windstorm Insurance Network

2025 to Present

- Active member.

Property and Liability Resource Bureau (PLRB)

2025 to Present

- Active member.

Awards and Certifications

Best Collegiate Weathercast from New York State Broadcasters Association

April 2019