



SHERILYN JANET PATRICK, M.S.

Director of Past Weather

908 867 8350

SherilynPatrick@WeatherWorksInc.com

Professional Experience

Director of Past Weather at Weather Works, LLC – March 2018 – Present

Design, complete, and peer review site and case specific past weather reports each year, primarily focused on slip-and-fall cases.

Train and supervise meteorologists in Forensic & Data Services' operations. Responsible for the day to day administration and operation of the department.

Utilize Google Earth and other GIS technology to display meteorological information including lightning strikes, high wind reports, Radar, National Weather Service Warnings, snow data, and other case specific details.

Assist in the production of Snow Climatologies and Snowtistics, featured in Snow Business magazine's October 2013 edition as a way of preparing for volatility during winter seasons.

Technical Project Manager – January 2023 – Present

Manage the implementation plan of web development & data science projects by breaking down project features and functionality into actionable development tasks with acceptance criteria

Coordinate and lead development meetings; meet with stakeholders & gather information necessary to develop product features and functionality

Handle incoming development requests; determine the urgency of the request and when the request should be included in the active development queue

Consulting Meteorologist – July 2014 – Present

Prepare customized weather forecasts, snow & ice alerts, briefings, and severe weather warnings for road departments, contractors, several of the nation's largest snow removal companies, school districts, universities, and professional sports organizations including the Baltimore Ravens, Philadelphia Eagles, New York Jets, and Met Life Stadium.

Produced Certified Snowfall Totals throughout Connecticut, Rhode Island, North Dakota, South Dakota, Wisconsin, southwestern Virginia, and North Carolina for snow removal companies and property managers after each winter weather event.

Weather Forecaster / Meteorologist – March 2014 – July 2014

Prepared weather forecasts for production companies across the United States, Canada, the Caribbean, and France. These clients were also briefed in for current weather conditions



Education

Mississippi State University – August 2014 – August 2016

Master of Science in Geoscience – Applied Meteorology
Cumulative GPA: 3.83

Rutgers University – August 2010 – May 2014

Bachelor of Science in Meteorology
Graduated Magna Cum Laude, Cumulative GPA: 3.75

Professional Membership

February 2011 – Present Member of the American Meteorological Society
November 2016 – Present Member of the National Weather Association

Internship/Related Experience

Certified Snowfall Total Analyst at Weather Works, LLC – November 2013 – March 2014

Continued Education | Speaking Engagements

June 2023	WeatherWorks Webinar – Empowering Your Business Model with Snowtistics
April 2023	(WeatherWorks Cont. Ed) Green Season & Client Considerations
February 2023	Across the Sky Podcast – Forensic Meteorology Guest Speaker
August 2022 & June 2023	(WeatherWorks Cont. Ed) Significant Flooding
June 2022	(WeatherWorks Cont. Ed) Tropical Weather
June 2022	New York Insurance Association Lunch & Learn Speaker
May 2022 & 2023	(WeatherWorks Cont. Ed) Significant Severe Weather
November 2020	Snow & Ice Control – Cornell Local Roads Program Virtual Fall Workshop
November 2020	Snow & Ice Control for Municipalities and Public Grounds – Rutgers University
January 2020	Became an official SKYWARN Spotter
November 2019, 2021	NJAJ Exhibitor – Meadowlands Seminar
October 2019	Became an official CoCoRaHS observer
February 2019	New Jersey Claims Association Mt. Laurel, NJ – Forensic Meteorology
January 2019	(WeatherWorks Cont. Ed) January 20 th , 2019 Cold Air Damming
August 2017	(WeatherWorks Cont. Ed) Flash Flooding Seminar
April & May 2016–2022	NJAJ Exhibitor – Boardwalk Seminar
March 2017	(WeatherWorks Cont. Ed) Flooding Review
August 2016	(WeatherWorks Cont. Ed) Coastal Flooding
February 2016	(WeatherWorks Cont. Ed) Snowflake Formation and Snow to Liquid Ratios
October 2015	(WeatherWorks Cont. Ed) CAD and Impacts on Freezing Rain
October 2015	(WeatherWorks Cont. Ed) Freezing Fog And Significant Refreeze
September 2015	(WeatherWorks Cont. Ed) GR2 Analyst Basics
August 2015	(WeatherWorks Cont. Ed) GR2 Analyst
August 2015	(WeatherWorks Cont. Ed) Understanding MOS Tendencies and Climo
July 2015	(WeatherWorks Cont. Ed) Forecast Language and Use of Uncertainty
July 2015	(WeatherWorks Cont. Ed) Lightning Initiation Forecasting
July 2015	(WeatherWorks Cont. Ed) Mesoscale Rainfall Forecasting
Aug 2014 – Present	(COMET/MetED/UCAR) Various Meteorology Education Modules

Weather Expert – Courtroom Testimony

Video testimony for a trial: January 2020

Law firm Gill & Chamas – taken at their office in Woodbridge, NJ

Discovery deposition: February 2020

Law firm Epstein Ostrove – taken at their office in Edison, NJ



Recent Cases Listed as Expert Witness

Location	Type	Submitted
Briarcliff Manor, NY	Slip & Fall	2/22/2021
Somerset, NJ	Slip & Fall	2/25/2021
Spring Valley, NY	Slip & Fall	2/26/2021
Carteret, NJ	Slip & Fall	3/17/2021
Newark, NJ	Slip & Fall	1/31/2022
Lincoln Park, NJ	Slip & Fall	2/2/2022
Monsey, NY	Slip & Fall	3/18/2022
Fort Montgomery, NY	Slip & Fall	3/30/2022
Easton, PA	Slip & Fall	3/31/2022
Plainfield, IL	Slip & Fall	4/7/2022
Newark, NJ	Slip & Fall	5/24/2022
Jacksonville, VT	Fire	7/20/2022
Paramus, NJ	Car Accident	8/17/2022
Tobyhanna, PA	Car Accident	8/31/2022
Ocean Township, NJ	Slip & Fall	11/29/2022
Perth Amboy, NJ	Slip & Fall	11/30/2022
Cinnaminson, NJ	Slip & Fall	11/30/2022
North Brunswick, NJ	Slip & Fall	3/28/2023
Haddonfield, NJ	Slip & Fall	3/30/2023
Ossining, NY	Slip & Fall	3/31/2023
Philadelphia, PA	Slip & Fall	5/18/2023
Cheshire, CT	Invoice Dispute	6/27/2023
Newark, NJ	Slip & Fall	7/13/2023
Hillsborough, NJ	Slip & Fall	8/24/2023
Brooklyn, NY	Slip & Fall	8/25/2023
Pine Hill, NJ	Slip & Fall	8/25/2023

