

Thomas M. Else

AMS Certified Consulting Meteorologist (CCM)

SIMA ASM Certificate Holder

Senior Forensic Meteorologist at Weather Works, LLC

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Professional Experience

Weather Works, LLC - Hackettstown, NJ

Senior Forensic Meteorologist: March 2015 to Present

Chief Meteorologist | Lead Forecaster: 2002 to March 2015

Staff Meteorologist: 1997 to 2002

Trained staff Meteorologists.

Developed in-house computer programs that collected and archived weather data off of the internet.

Responsible for developing and broadcasting (on radio) timely and accurate forecasts for the New Jersey / New York metropolitan area. Weather forecasts are done live and recorded.

Prepared weather forecasts, storm alerts and post storm summaries for road departments, snow plowing contractors, landscapers, facilities, universities, etc. These clients were also contacted and briefed in during severe and/or unusual weather.

Author forensic meteorology reports for law firms (Defense and Plaintiff). Types of cases worked on include: slip and falls, snow and ice accumulation, floods, rainfall, lighting cases, lightning strikes, wind, etc.

Deposed and served as a weather expert witness in court.

Sussex County Community College - Newton, NJ

Adjunct Professor of Meteorology: September 2017 – December 2019

Developed & taught an Introduction to Meteorology class.

Ramapo College of New Jersey - Mahwah, NJ

Adjunct Professor of Meteorology: January 1999 – May 2000

Developed and taught an Introduction to Meteorology class.

Education

Kean University - Union, NJ: September 1993 – May 1997

Bachelor of Arts in Earth Science and Meteorology with a minor in Mathematics.
Graduated Summa Cum Laude, Cumulative GPA: 3.95

Received a symbolic Bachelor of Arts degree at the commencement ceremony on behalf of all the candidates in the School of Natural Science, Nursing and Mathematics.

Professional Membership

Member of the American Meteorological Society: September 1994 – Present

Member of the National Weather Association: January 2010 - Present

Designated Certified Consulting Meteorologist No. 675 by the American Meteorological Society: February 9, 2011 – Present

Continued Education | Speaking Engagements | Technical Articles

Completed Fundamentals of Anti-icing and Liquids by SIMA: April 2020

A SIMA Online Training Course (6 Certified Snow Professional continuing education credits)

Designated an Advanced Snow Manager (ASM) by SIMA: December 2018

Completed 4 online courses designed by Snow & Ice Management Association (SIMA)
(Core Principles, Ice Management, Plowing Operations, Sidewalk Operations)

National Weather Service SKYWARN Training Session: July 29, 2017

Became an official SKYWARN Spotter. Held in Great Meadows, NJ

Snow & Ice Control Operations for local highway officials: November 1, 2016

Sponsored by Cornell Local Roads Program. By Jim Crow

Snow & Ice Seminar: August 11, 2015

By John A. Allin and the Snowfighters Institute.
Current snow and ice management practices.

AMS Certified Consulting Meteorologist Newsletter Article: October 2014

“Certified Weather Data, Do You Really Need It?”

Winter Operations – Snow & Ice Control for Managers and Supervisors: June 17, 2014

Rutgers University, NJ - By Richard M. Balgowan
Snow removal, de-icing and Anti-icing techniques.

Winter Operations – Snow & Ice Control for Managers and Supervisors: August 14, 2013

Rutgers University, NJ - By Richard M. Balgowan
Snow removal, de-icing and anti-icing techniques.

Snow & Ice Removal Seminar: December 5, 2012

Rutgers University, NJ - By Chris James of Snow and Ice Solutions
Snow removal, de-icing and anti-icing techniques.



Continued Education | Speaking Engagements | Technical Articles (Cont.)

The Art & Science of Forensic Meteorology: January 22, 2012

Attended a Short-Course in New Orleans, Louisiana sponsored by the American Meteorological Society.

Dual-Polarization RADAR Training for Meteorologists: January 2012

On-Line Training Module provided by the National Weather Service.

Managing Snow & Ice Control Operations: September 28 – 29, 2009

By Benjamin J. Jordan

Attended a two-day workshop on deicing, anti-icing and abrasives provided by the University of Wisconsin-Madison.

12th Annual Snow & Ice Symposium in Louisville, KY: June 24 – 27, 2009

Attended anti-icing/de-icing sessions provided by the Snow & Ice Management Association (SIMA).

Completed Writing Great Technical Documents Course: April 2009 – May, 2009

Warren County Community College

Authored technical article “Collecting Past Weather Data”: October 29, 2008

SIMA (Snow & Ice Management Association)

Presenter of a workshop on Doppler RADAR basics for snow & ice managers: June 16-17, 2006

SIMA (Snow & Ice Management Association) 9th Annual Snow & Ice Conference in Hartford, CT

MetED (Meteorology Education & Training): May 2006 – 2017

Completed 15 weather related modules online.

Weather Expert – Courtroom Testimony

Testified at the Union County Courthouse: March 2020

2 Broad Street, Elizabeth, NJ – Judge Alan G. Lesnewich

Video testimony for a trial: February 2020

Taken at the Law Offices of Lester G. Weinraub

Testified at the Northampton County, PA Courthouse: January 2020

669 Washington Street, Easton, PA – Judge Abraham Kassis

Video testimony for a trial: February 2019

Law firm Donnelly & Associates, PA – taken at Regus US, Newtown Square, PA

Testified at the Middlesex County Courthouse: April 2018

56 Paterson Street New Brunswick, NJ – Judge Bradshaw

Testified at the Ocean County Courthouse: March 2018

120 Hooper Avenue Toms River, NJ – Judge Tronccone

Testified at the Lehigh County Courthouse: November 2017

455 West Hamilton Street Allentown, PA – Judge Reichley

Testified at the Mercer County Courthouse: May 2017

175 South Broad Street Trenton, NJ – Judge R. Brian McLaughlin



Weather Expert – Courtroom Testimony (cont.)

Testified at the Middlesex County Courthouse: October 2016

56 Paterson Street New Brunswick, NJ – Judge Natali

Testified at the Somerset County Courthouse: October 2015

20 North Bridge Street Somerville, NJ 08876. Judge Miller

Video testimony for a trial: June 2015

Taken at the Law Office of Lutz, Shafranski, Gormon & Mahoney, P.A. New Brunswick, NJ

Testified at the Essex County (Historic Courthouse): April 2015

470 Dr. Martin Luther King Jr. Blvd Newark, NJ – Judge Funari

Testified at the Bergen County Courthouse: March 2015

10 Main Street Hackensack, NJ – Judge Wilson

Testified at the Monmouth County Courthouse: July 2014

71 Monument Park Freehold, NJ – Judge Bauman

Testified at the Union County Courthouse: September 2013

102 Broad Street Elizabeth, NJ – Judge Ciarocca

Testified at the Brennan Courthouse: May 2013 (Twice)

583 Newark Avenue Jersey City, NJ – Judge Patrick J. Arre & Judge Santiago

Testified at the Union County Courthouse: April 2013

102 Broad Street Elizabeth, NJ – Judge Chrystal

Testified at the Middlesex County Courthouse: September 2012

56 Paterson Street New Brunswick, NJ – Judge Martin E. Kravarik

Testified at the Westchester County Courthouse: May 2012

111 Dr. Martin Luther King Jr. Blvd. White Plains, NY - Judge Giacomo

Testified at the Middlesex County Courthouse: April 2012

56 Paterson Street New Brunswick, NJ - Judge Arthur Bergman

Testified at the Burlington County Court Facility: April 2012 (Twice)

49 Rancocas Road Mount Holly, NJ - Judge Harrington & Judge Baldwin

Testified at the Westchester County Courthouse: March 2011

111 Dr. Martin Luther King Jr. Blvd. White Plains, NY

Testified at the Brooklyn County Courthouse: March 2010

360 Adams Street Brooklyn, NY

Testified at the Bronx County Courthouse: March 2009

851 Grand Concourse Bronx, NY

