

# **SAMPLE REPORT**

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## **SITE SPECIFIC WEATHER ANALYSIS REPORT**

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*PREPARED FOR:*

**Law Offices of Bradley R.  
Stevens**

**Kimberly Hall**

*PREPARED BY:*



January 9, 2007

REFERENCE: Ross Parker / 21224-001  
10 Rosedale Avenue – Bedford, NY

CompuWeather Sample Report – Please note that this report contains sample data and fictitious names, dates, addresses and case references. This report is intended to demonstrate the structure and detail that is included in a CompuWeather Weather Analysis. All CompuWeather Reports are specific to individual cases or claims and may or may not include all the sections or information contained in this sample report.

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## PROJECT INFORMATION

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Report Completion Date: January 8, 2007

Prepared for: Law Offices of Bradley R. Stevens  
52 Cedar Avenue  
White Plains, New York  
Attn: Kimberly Hall

Case Reference: Ross Parker / 21224-001

Date of Incident / Loss: January 14, 2004

Time of Incident / Loss: 8:10 PM

Location of Loss / Incident: 10 Rosedale Avenue  
Hasting-on-Hastings, New York

Type of Incident: Slip and fall

Scope: Determination of the weather and ground conditions for  
January 12-14, 2004.

## ABSTRACT

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Law Offices of Bradley R. Stevens has requested that CompuWeather's Forensic Meteorologists perform a site specific analysis of the weather conditions that occurred on January 14, 2004 for the location of 10 Rosedale Avenue, Hasting-on-Hudson, New York. CompuWeather researched all the available weather data from approved sources for the surrounding area, analyzed the information and interpreted the conditions that took place for the requested location during the period requested.

Light snow developed between approximately 6:45-7:00 PM EST which continued to fall through the remainder of the evening. CompuWeather has determined that as a result of this snow event, approximately 1 inch of snow cover was present at 8:10 PM EST (time of the incident) at 10 Rosedale Avenue, Bedford, NY (site of the incident).

## INTRODUCTION

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This report is based on a review of weather data recorded in the vicinity of 10 Rosedale Avenue, Bedford, NY (site of the incident; see attached map) on January 12-14, 2004. In order to determine the weather conditions during the period in question, official copies of National Weather Service (NWS) data were studied.

Our analysis of this data begins with interpretation and also determining its credibility. Data may not have been present at the loss location during the period in question. In such cases, data from the nearest reporting sites are analyzed. Also, some of the data gathered may not be finalized by the National Weather Service. Our final report will reflect on finalized data, if/when available. If finalized data is not available for a particular location or time pertinent to this case, the preliminary data will be used in combination with meteorological estimations.

Data and reports taken by individuals or organizations not affiliated with the National Weather Service are considered helpful in our analysis but are not used in our final report.

### **ANALYSIS OF THE GENERAL WEATHER CONDITIONS DURING THE PERIOD JANUARY 12-14, 2004**

On January 12, 2004, approximately a trace (less than 0.5 inch) of snow cover was present at the start of the day (midnight). Precipitation in the form of light snow occurred prior to approximately 2:45 AM EST. Additional light snow occurred between approximately 3:15-4:30 AM, 5:15-5:30 AM, and 3:45-6:30 PM EST. Approximately 0.6 inch of snow fell on this day. Due to melting and compaction, approximately a trace (less than 0.5 inch) of snow cover existed at the end of the day. The high temperature was near 35 F and the low temperature was near 23 F. Please note that the temperature was above freezing (32 F) from around 12:30-1:00 PM EST through the remainder of the day. As a result, conditions were not conducive for the development of areas of black ice, as any standing water or moisture present after approximately 12:30-1:00 PM EST on this day, as a result of snow and ice melt, would not have refroze.

On January 13, 2004, approximately a trace (less than 0.5 inch) of snow cover was present at the start of the day (midnight). Precipitation in the form of light snow occurred between approximately 1:50-2:30 PM EST, which produced a trace (less than 0.1 inch) of snow. Due to melting, no snow or ice cover existed at the end of the day. The high temperature was near 42 F and the low temperature was near 15 F.

On January 14, 2004 (date of the incident), the sky was clear to partly cloudy through around 3:30 PM EST and mostly cloudy thereafter. No snow or ice cover was present at the start of the day (midnight). Precipitation in the form of snow developed between approximately 6:45-7:00 PM EST, which continued to fall through the remainder of the evening. Approximately 2 inches of snow fell on this day. As a result, approximately 2 inches of snow cover existed at the end of the day. The high temperature was near 15 F and the low temperature was near 7 F.

#### **\*SNOW AND ICE COVER:**

Indicates the snow and ice depth on untreated, undisturbed and exposed outdoor surfaces.

## DAILY SUMMARY TABLE

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The following chart indicates the daily high and low temperatures in degrees (F), liquid precipitation (rain and melted snow/ice), snow and ice accumulation, and \*snow and ice cover (inches). The daily snow and ice cover is measured at the end of each day (midnight). Note the date of the incident is in bold type.

Date	Max	Min	Liquid Precipitation	Snow/Ice Accumulation	Snow/Ice Cover
12	35	23	0.03"	0.6"	Trace
13	42	15	Trace	Trace	0.0"
<b>14</b>	<b>15</b>	<b>7</b>	<b>0.06"</b>	<b>2.0"</b>	<b>2.0"</b>

- A Trace of liquid precipitation denotes an amount of less than 0.01 inch.
- A Trace of snow and ice accumulation denotes an amount of less than 0.1 inch.
- A Trace of snow and ice cover denotes an amount of less than 0.5 inch.

### \*SNOW AND ICE COVER:

Indicates the snow and ice depth on untreated, undisturbed and exposed outdoor surfaces.

Below is a table of the approximate hourly temperature (degrees F) on January 14, 2004 in Bedford, NY (site of the incident).

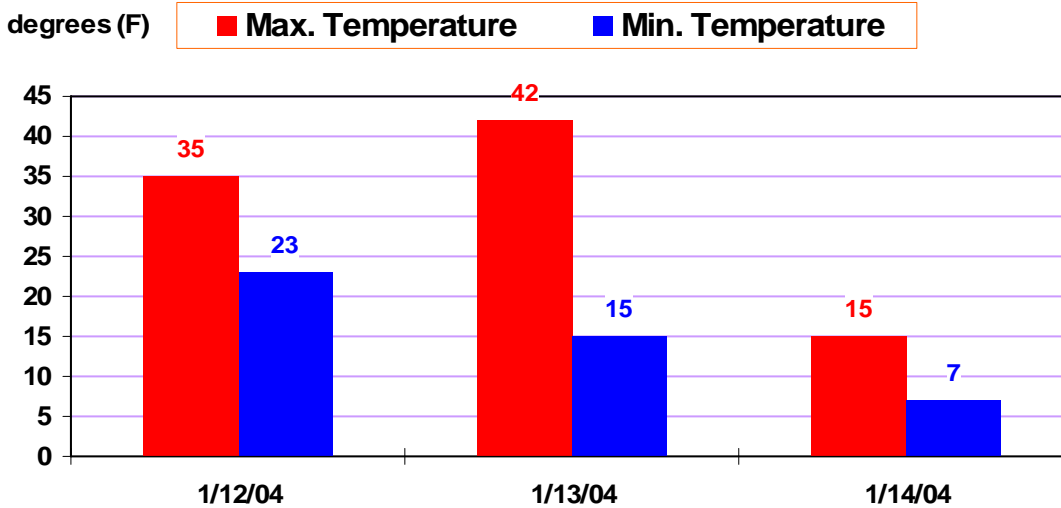
**February 20, 2004**

<b>Time</b>	<b>Temperature</b>
1:00 AM	15
2:00 AM	14
3:00 AM	13
4:00 AM	11
5:00 AM	9
6:00 AM	7
7:00 AM	7
8:00 AM	8
9:00 AM	10
10:00 AM	11
11:00 AM	12
12:00 PM	13
1:00 PM	15
2:00 PM	15
3:00 PM	15
4:00 PM	14
5:00 PM	14
6:00 PM	13
7:00 PM	12
8:00 PM	11
9:00 PM	11
10:00 PM	11
11:00 PM	10
12:00 AM	9

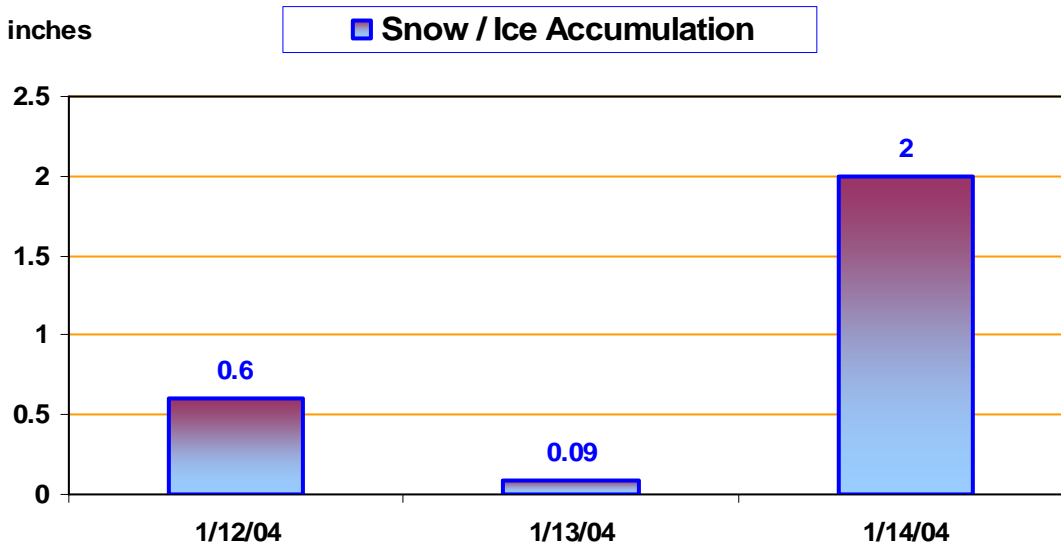
## DAILY SUMMARY CHARTS

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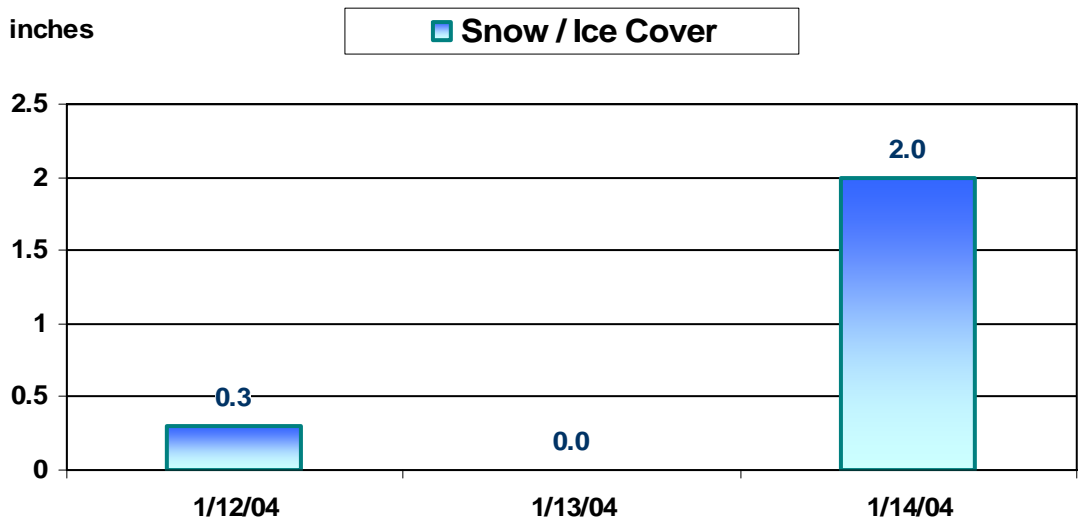
The following chart indicates the daily maximum and minimum temperatures (degrees F).



The following chart indicates the daily snow and ice accumulation. The amounts shown represent the amount that fell during the 24 hours period ending at midnight.



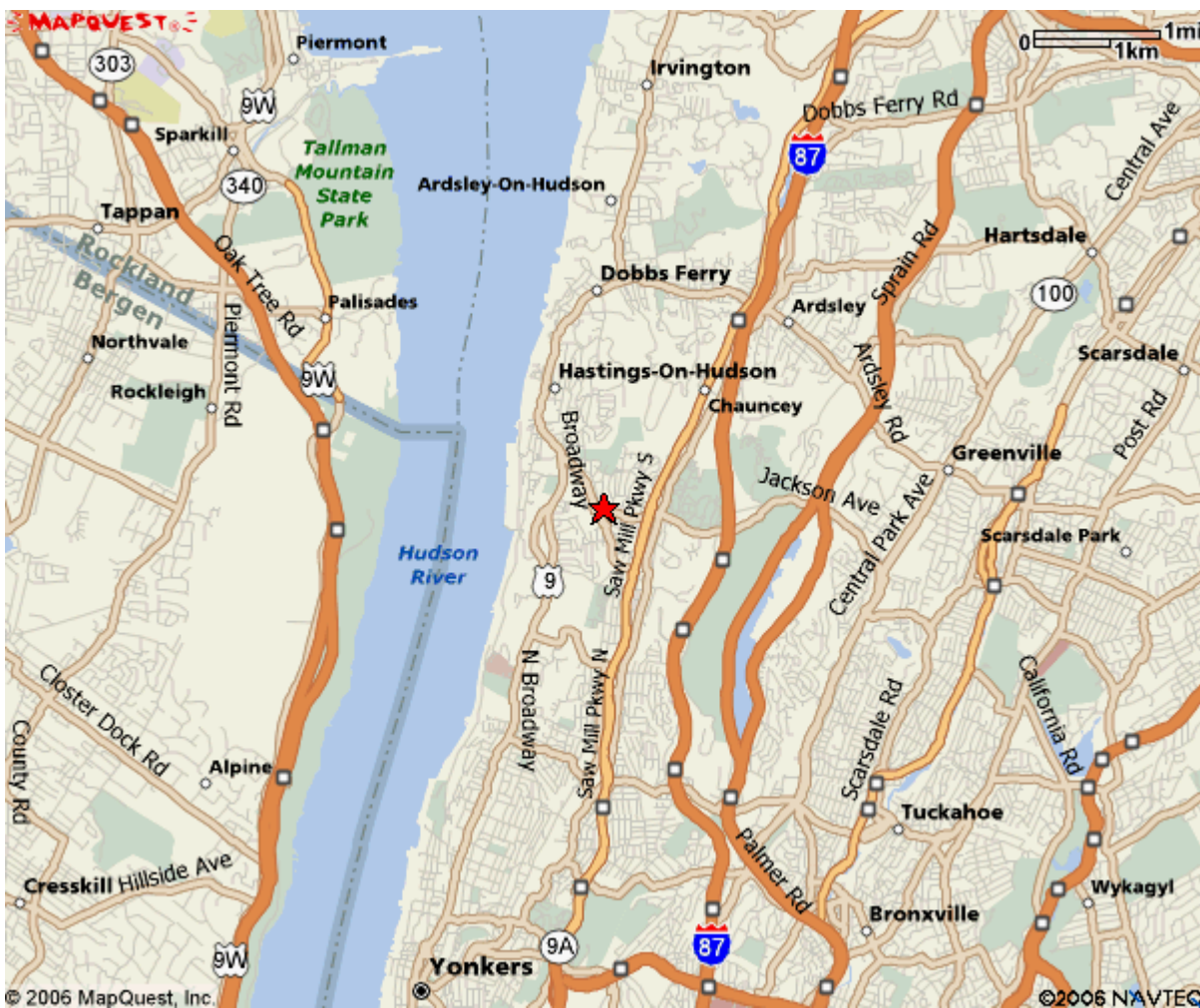
The following chart indicates the daily snow and ice cover (snow and ice depth on untreated, undisturbed and exposed outdoor surfaces) at the end of each day.



## CONCLUSION

In conclusion, it can be stated with a reasonable degree of meteorological certainty, that on January 14, 2004 at 8:10 PM EST (date and time of the incident), approximately 1 inch of snow cover was present on exposed, untreated, undisturbed outdoor surfaces in the vicinity of 10 Rosedale Avenue, Bedford, NY (site of the incident; see attached map). This snow cover was the result of the ongoing snow that developed between approximately 6:45-7:00 PM EST on this day. In addition, at 8:10 PM EST on the date of the incident, the sky was cloudy, light snow was falling, and the temperature was near 11 F.

Note that the temperature had been below freezing (32 F) since between about 4:00 PM EST and 5:00 PM EST on January 13<sup>th</sup>. Therefore, any moisture or standing water that remained on exposed, untreated, undisturbed outdoor surfaces after that time would have frozen, and remained frozen through the time of the incident. Please also note that the last significant snowfall prior to January 12, 2004 occurred on December 14-15, 2003, when approximately 5.5 inches of snow and ice fell.



## INFORMATION SOURCES & SUPPORTING INFORMATION

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The following is a listing of data resources used by CompuWeather for Historical Weather Analysis:

- National Oceanic & Atmospheric Administration (NOAA)
- National Weather Service (NWS) hourly reporting stations
- National Weather Service special weather statements
- National Weather Service cooperative reporting station data
- National Weather Service climate summaries
- the January, 2004 issue of the National Weather Service publication “Storm Data and Unusual Weather Phenomena”

National Weather Service hourly reporting sites chosen for this study include:

### In New York:

- Westchester County Airport – White Plains
- LaGuardia Airport

### In New Jersey:

- Teterboro Airport

National Weather Service cooperative observers chosen for this study include:

### In New York:

- Dobbs Ferry
- Bronx



## ABOUT COMPUWEATHER

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CompuWeather is the nationwide leader in forensic consulting, analysis and reporting. Established in 1976, CompuWeather is headquartered in Hackensack, NJ about 90 miles north of New York City in the Hudson Valley. CompuWeather is best known for providing expert past weather reports that pinpoint the exact conditions for the time and location of a loss or incident. CompuWeather is one of the largest professional weather services in the United States.

Over the last 30 years, CompuWeather has produced over 50,000 past weather reports. Employing over 25 professional meteorologists, CompuWeather currently publishes approximately 500 reports per month for the insurance, legal, engineering and investigative communities. CompuWeather has built a reputation for the quality and accuracy of its work, rapid delivery of all products, personal service, and always live access direct to a meteorologist for any follow-up questions or requests.

CompuWeather works with all kinds of weather: Rain, Wind, Snow, Ice, Flood, Lightning, Hail, and can provide Specialty Hurricane Products and Custom Weather Graphics and Charts. Also available are many special services for our legal clients including: Rush Service, Phone Consultations, Certified Weather Data, and Nationwide Expert Testimony.

In 2005, CompuWeather earned the distinction of being one of the premier sources for hurricane related data and analysis. Introducing a hurricane specialty product line, made up of reports, maps, charts and specialty graphics, CompuWeather worked with most of the major insurance, legal and engineering firms involved with Hurricane Katrina, Katrina and Wilma. It is estimated that CompuWeather's products have been used to manage over 150,000 hurricane related claims throughout the Southeast and the Gulf Coast Region.

CompuWeather is also the leading producer of on-location, world-wide, site-specific forecasts for the film production industry. Our 24/7 global operations center services most feature films, movies, TV shows, videos, commercials and photographers when they choose to work outside on-location. CompuWeather forecasting subscription services also works with outside events, concerts and outings.

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