

CERTIFIED PAST WEATHER REPORT

Prepared For:

**John Smith
ABC Insurance Company**

RE: Claim No.: 123456 | Bryn Mawr, PA



Prepared By:



**PO Box 7100
Hackettstown, NJ 07840**

April 8, 2006

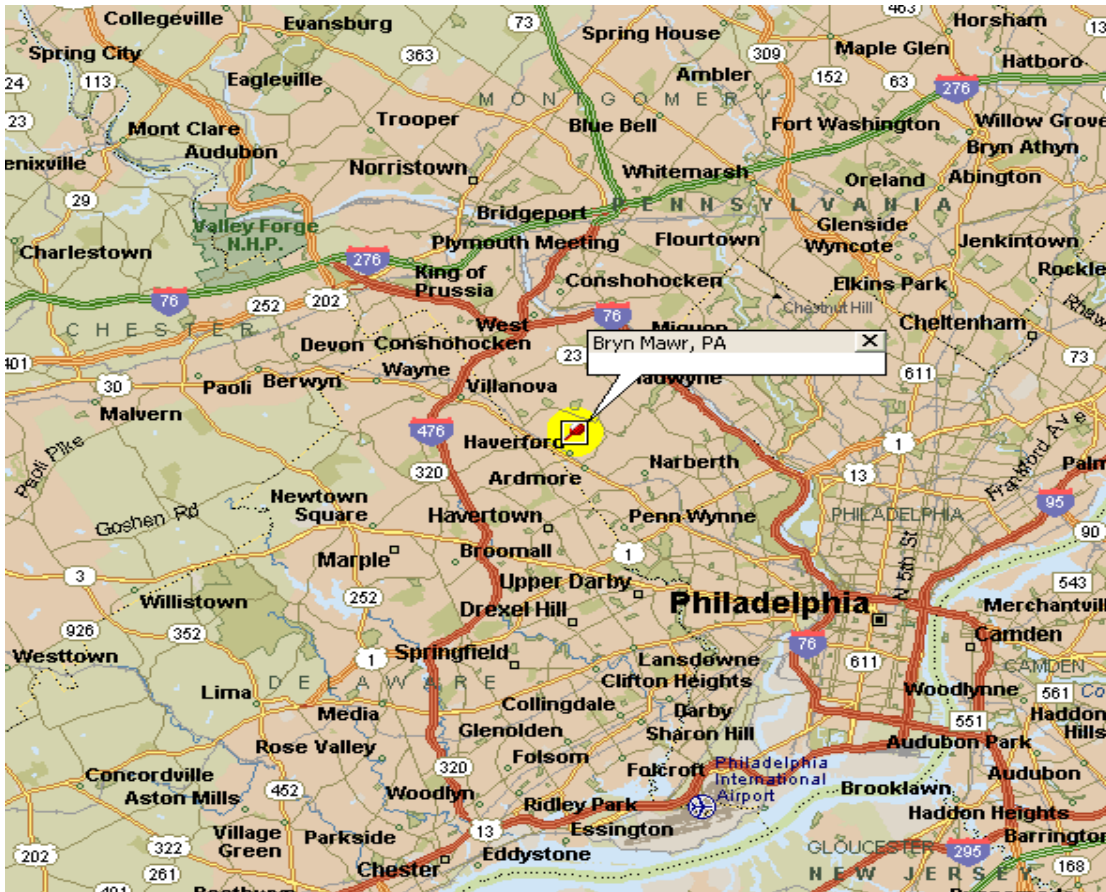
ABOUT THE CLAIM:

Attn: John Smith

ABC Insurance Company
PO Box 123
Trenton, NJ 08601

Claim Number.: 123456
Type of Claim: Slip and Fall
Date of Incident: December 7, 2003
Time: 7 PM
Location: Bryn Mawr, PA

Objective: To determine the weather conditions and to see if snow was a factor in the slip and fall on December 7, 2003



* Accident location denoted above

INTRODUCTION OF WEATHER DATA:

This report is based on the review of official weather data in and/or surrounding the Bryn Mawr, PA area on December 7, 2003. In order to determine with reasonable degree of meteorological certainty, the conditions at the time of incident, the weather data below has been researched and analyzed for the date above in question. All weather data examined is official copies from the National Oceanic and Atmospheric Administration (NOAA) US Department of Commerce.

Surface Weather Observations

Surface Weather Observations are usually taken at airports on a continuous basis at one report per hour minimum. These observations contain a wealth of data pertaining to hourly temperature, cloud cover, visibility, wind direction and speed in addition to precipitation amounts and the depth of snow and ice on the ground.

- Philadelphia International Airport, PA (PHL)
- Pottstown, PA (PTW)
- Northeast Philadelphia Airport, PA (PNE)
- McGuire AFB, NJ (WRI)

Climatological Records (Monthly COOP)

Climatological records contain a summary of the past 24 hours and are usually taken once a day by private weather observers, universities, FAA Facilities and National Weather Service offices. These daily climate summaries are a supplement to the highly detailed airport observations.

- Franklin Institute of Technology, PA
- Conshohoken, PA
- Phoenixville 1E, PA

Doppler RADAR Images

There are 158 operational Doppler RADAR sites across the United States with a range of about 143 - 288 miles. For this report, I examined Base Reflectivity images, which depict the intensity and location of precipitation. These images were derived from the RADAR site KDIX, which is located in Fort Dix, NJ.

ANALYSIS AND SUMMARY OF WEATHER DATA:

**WEATHER CONDITIONS IN BRYN MAWR, PA AREA
PRIOR TO DECEMBER 5, 2003**

The end of November, 2003 featured mild temperatures and no major snow threats in the Bryn Mawr, PA area. Temperatures ranged from daily highs in the 50's and 60's to night time lows mainly above freezing in the 30's and 40's. Colder air did slowly move in by December 2nd with temperatures falling into the mid 20's during the pre-dawn hours. A few snow showers or flurries moved through early on the 2nd which briefly left a thin coating of snow on ground surfaces before quickly melting back. The 3rd and 4th featured dry days with day time temperatures ranging from the mid 30's to 40 and colder night time temperatures in the low 20's. Clouds increased late in the afternoon on the 4th as the region's first Winter storm threatened the Bryn Mawr area for the 5th and 6th. Exposed, undisturbed and untreated ground surfaces through the end of the 4th remained bare of any snow and/or ice cover.

**SUMMARY OF WEATHER IN BRYN MAWR, PA
(DECEMBER 5 – 7, 2003)**

December 5 – 6th, 2003 featured the first major snowstorm of the Winter season. Snow developed across the Bryn Mawr, PA area during the early pre-dawn hours of the 5th between 4 and 5 AM. The temperature at the onset was above freezing in the mid 30's but quickly cooled to 32 or less within the first hour of falling snow which enhanced snow accumulations. The steadiest and heaviest snow fell from rush hour through Noon and then began to mix with sleet from afternoon through the evening. The temperature during the day fluctuated between 32 and 33 degrees. The evening of the 5th featured a mixture of light snow, sleet and freezing drizzle with the temperature dropping into the upper 20's. On December 6th, a second Nor' Easter formed and brought additional snow accumulation as well as colder temperatures. Very light snow and flurries shortly after 12 a.m. turned into periods of heavier wind swept snow from approximately 5 AM to Noon. The temperature on the 6th remained steady in the upper 20's. All snow tapered off approximately between 2 and 3 PM. Bryn Mawr, PA received a two day total snow accumulation of 6 to 7 inches.

December 7th, 2003 was a cold and windy day. Unlike the previous two days, there was no precipitation during the 24 hour calendar day. Exposed, undisturbed and untreated ground surfaces at the start of the day featured approximately 6 inches of snow as well as some patches of ice, all a result of the prior two day snowstorm. The temperature during the day ranged from a cold pre-dawn low around 23-24 degrees and only reached an afternoon high near 31 degrees. Sky conditions resembled clear skies to start the day but quickly became partly sunny by evening. Winds were quite strong out of the Northwest reaching gusts during the day of 20 – 35 mph. Winds at this speed resulted in blowing snow and recovering of many walkways and parking lots throughout the day. At 7 PM, the time of the claimant's slip and fall, the sky was partly cloudy at a temperature around 30 degrees. By this time winds eased up but remained steady at 10 – 20 mph out of the Northwest. The blowing and drifting snow during the evening was not as prevalent as during the afternoon.

HOURLY / DAILY TABULAR SUMMARY:**HOURLY WEATHER SUMMARY IN BRYN MAWR, PA
(DECEMBER 7, 2003)**

| TIME | TEMP | WEATHER | PRECIP | GROUND CONDITIONS |
|-------------|-----------|---------------------|----------|---|
| 1 PM | 30 | Sunny | 0 | 6-7 inches snow, blowing & drifting |
| 3 PM | 31 | Sunny | 0 | 6-7 inches snow, blowing & drifting |
| 5 PM | 31 | Mostly sunny | 0 | 6 inches snow, blowing & drifting |
| 7 PM | 30 | Partly sunny | 0 | 6 inches snow, blowing & drifting with re-freeze |
| 9 PM | 29 | Partly sunny | 0 | 6 inches snow, blowing & drifting with re-freeze |
| 11 PM | 27 | Partly sunny | 0 | 6 inches snow, blowing & drifting with re-freeze |

* Temperatures are in degrees Fahrenheit. ** Precipitation is a two hour total measured in inches ending at the time shown.
 *** Ground surfaces represent the amount of snow/melting snow or ice present on exposed, undisturbed and untreated ground surfaces at the time shown.

**DAILY WEATHER SUMMARY IN BRYN MAWR, PA
(DECEMBER 5-7, 2003)**

| DAY | HIGH | LOW | WEATHER | SNOW | GROUND CONDITIONS |
|---------|-------|-------|--------------------------------------|-----------|------------------------------------|
| 12-5-03 | 34-36 | 27-28 | Periods of snow, some sleet mixed in | 4.0 – 5.0 | 0 |
| 12-6-03 | 29-30 | 26 | Snow through mid afternoon and windy | 2.0 | 4 – 5 inches snow |
| 12-7-03 | 31 | 23-24 | Partly sunny, windy and cold | 0 | 6 inches snow, some patches of ice |

* Temperature is in degrees Fahrenheit. ** Snow is represented in inches and is a 24 hour calendar day total. *** Ground surfaces represent the amount of snow and/or ice present on exposed, undisturbed and untreated ground surfaces at the start of the calendar day shown.

CONCLUSION:

As per the request of John Smith at ABC Insurance, the report on the preceding pages is an analysis of the weather data for several days prior including December 7, 2003 at 7 PM. I have determined that there was no precipitation, specifically snow occurring at the time of the claimant's slip and fall. The weather conditions featured a mix of sun and clouds at a temperature around 30 degrees with a northwest wind of 10-20 miles per hour. Six inches of snow existed on exposed, untreated and undisturbed ground surfaces from all prior storms.

CERTIFICATION:

I certify that the above information is true and accurate and that any estimations, interpolations or assumptions that have been made were done so with expert accuracy by a professional meteorologist. Additionally, I reserve the right to amend these conclusions made herein upon further discovery of additional meteorological data.



Frank P. Lombardo CCM
Certified Consulting Meteorologist
President Weather Works