



Edited by:
Sean Rowland and
Ken Elliott

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SIMA Symposium Recap



11th Annual Snow & Ice Symposium

June 18-21, 2008 Buffalo, NY → WWW.SIMA.ORG

A few weeks ago, snow & ice removers and contractors from all over the country descended upon one of the snow capitals of the country, Buffalo, NY, for the 11th annual SIMA Symposium (note to towns, counties and municipalities, the DPW North American Snow conference takes place every April and will be in Des Moines, IA next year). This year's symposium was a great success as attendees visited a fantastic trade show, listened to informative presentations and made good contacts. **WeatherWorks** was at the conference as President Frank Lombardo, Kevin Hopler, Sean Rowland and John Kruk attended as well as presented at one of the sessions.

The trade show had about 70-80 exhibitors on the floor with many different products and displays presented. One of the larger exhibitors was Snow Dragon as they displayed some of their newest technologies. Also on the floor, were new products involving deicers, snow plows and other great tools.

During the concurrent sessions at the Convention Center, **WeatherWorks** presented a talk on "How to Make the Weather Profitable". The two presenters, mete-

orologists Sean Rowland and Frank Lombardo discussed ideas on how to effectively use the weather to make a profit. Other topics covered were sources of weather data and how to understand and utilize it, as well as a general overview of lake effect snow.



WeatherWorks display at the Trade Show

June Weather Review

June brought the first real taste of Summer to the area this year. The most notable weather event of the month was surely the 4-day heat wave that caused the region to bake with temperatures well into the 90's. There were also a few severe weather events, particularly on June 10th, as the heat wave finally broke.

The heat wave of June 7th-10th was the result of a fairly typical mid-summer Bermuda High which established itself across the eastern half of the U.S. Just about everyone experienced 4 days worth of 90 degree temperatures, except the highest elevations where highs were in the upper 80's. This was a good reminder of how hot it can get even early on in June, before the "Dog Days" truly take over.

York City region. A very intense line of storms brought heavy rains and gusty winds. The highest reported winds were at Teterboro, NJ where there were gusts to 69 MPH! Needless to say, this brought down trees and power lines, particularly in Essex County, NJ. The other notable severe weather note of the month was a weak EF-0 tornado that touched down in Newburgh, NY on the 16th causing mostly tree damage along its path.

There was a round of severe weather, that predictably brought an end to the heat. Scores of storm reports from Maine all the way southwestward to Virginia were observed. The hardest hit area was Northern NJ and the New



Tornado damage in Newburgh
"Times Herald-Record"

Maximum Temps June 7th-10th



NYC, NY (LGA)	100 F
Baltimore, MD (Dtown)	99 F
Newark, NJ	98 F
Hartford, CT	98 F
Washington, DC	98 F
Philadelphia, PA	98 F
Allentown, PA	96 F
Trenton, NJ	96 F
Islip, NY	95 F
Boston, MA	95 F
Worcester, MA	94 F
Mt. Pocono, PA	89 F

More Information on June's Weather

Interested in reading more about the weather in June, along with current weather details? Be sure to check out the relaunched **WeatherWorks Blog!** Here you can see what the meteorologists at **WeatherWorks** are thinking and discussing.

Coming This Winter: Text Message Alerts

As we continue to try and improve our services to better suit YOUR needs, Weather-



Works would like to introduce a new feature for our alerts. This winter we will launch text message alerts to supplement our e-mails and faxes.

Tests have been successful, as text messages allow for rapid dissemination

of data anywhere at anytime even to those without sophisticated Blackberries or iphones.

This winter, we will offer this alert delivery option to all Alert Clients at no additional charge (though Standard Text Messaging fees may apply). Due to the inherent limitations of the text environment, text message alerts will only include a BRIEF synopsis of the alert, and direct your attention to a hard copy alert, if applicable.

To date, all of our beta testers

have used the Verizon Wireless Network. To ensure things go smoothly with other phone networks this winter, we would appreciate a few volunteers that use other wireless providers to test the service sometime in mid-July. If you are interested, please send an e-mail to [Sean Rowland](mailto:Sean.Rowland).

We are excited to offer this new service this year, and we hope you take advantage of it!

Hurricane Forecast Clarification

In last month's Hurricane Forecast, a map was included detailing "Hurricane Strikes" in the mid-Atlantic and Northeast U.S. The figures shown on the map were a bit misleading. For example, there was only 1 hurricane ever to directly strike New Jersey. But the map shows as many as 5 strikes in some coastal counties.

The explanation for this discrepancy is the definition of a "strike". The creators of the map had specific wind criteria to decide if a county received a "strike". On average, a storm had to pass within 50 miles to qualify for a strike.

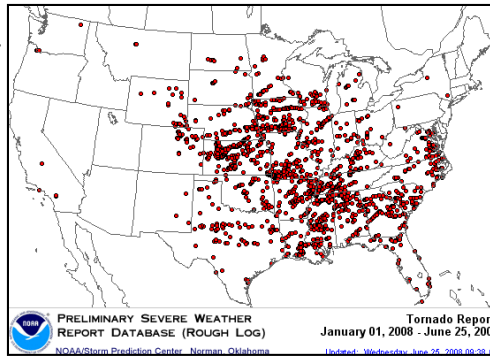
A Potentially Historical Severe Weather Season

Some may have noticed that there has been an unusually high number of severe weather and tornado outbreaks during 2008. That assumption would be correct as the numbers show this has been a very busy tornado and severe weather season.

From January 1 - June 25, 2008, there have been **1664 PRELIMINARY** reports of tornadoes. The Storm Prediction Center goes back over the reports to see which tornadoes were counted more than once. However, based on their analysis through March, the real number

of tornadoes for the first half of the year is around 1000. A typical season usually has about 1270 tornadoes in a year. 2008 also has seen a significant increase in severe wind and hail damage as well, with thousands of reports of damage received across the U.S.

So what does this mean and is it attributed to Global Warm-



ing? The honest answer is that nobody knows and it would take a very long time for research to determine if this is going to be the new trend as we go thru the century.

WEBSITE OF THE MONTH



<http://www.spc.noaa.gov/faq/tornado/>

From the Storm Prediction Center (SPC) this is a great guide to learn all about tornadoes along with climatological data and historical events.

UPCOMING EVENTS

July 4 Independence Day

July 31 SIMA Build a Bid Chicago, IL

JULY AVERAGES (30 year averages: 1971-2000)

	Boston, MA (BOS)		Newark, NJ (EWR)		Baltimore, MD (BWI)	
	July 1	July 31	July 1	July 31	July 1	July 31
High Temp	80	82	84	85	86	87
Low Temp	64	66	67	70	65	66
Precip (Mo. Total)	3.06"		4.68"		3.85"	
Snowfall (Mo. Total)	0.0"		0.0"		0.0"	
Sunrise	5:12 AM	5:36 AM	5:29 AM	5:53 AM	5:44 AM	6:06 AM
Sunset	8:25 PM	8:04 PM	8:32 PM	8:13 PM	8:37 PM	8:19 PM

July 2008 Temperature Outlook

July should average out around or potentially above normal temperatures. Recent data shows that the recent string of troughs may break down for a time which would allow for a string of 90 degree days.

July 2008 Precipitation Outlook

The precise nature of the trough(s) during the month will largely determine how much precip the area sees this month. If the pattern is similar to June, expect showery weather, but few washouts.