



WEATHERWORKS

THE WEATHER TRACKER

<http://www.weatherworksinc.com>



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New Design for Certified Snowfall Totals

A brand new, more expansive and informative design will greet users this Winter when entering the **Certified Snowfall Totals** program (CST). After a year in beta testing, the new CST design has been released by WeatherWorks and will be used for the current season.

Along with the upgrade on the interface, there are more features with the new version, including the addition of zip code information. This is especially helpful for larger cities that encompass many zip codes. Snow totals can now be downloaded into **Excel** with the click of a button, making it easier for any other additional record keeping. Also, the print totals feature will print out the specific storm total, summary and certification.

To log in to the program, simply go to the WeatherWorks home page:

www.weatherworksinc.com

and click "Client Login" on the

left hand side. Have your username and password ready to enter and that will bring you to the CST main page.

The new design is simple to navigate. Users can test the program now and if there are any questions on how to use it please reference the attached

[instructional document.](#)

If you do not currently subscribe to the **Certified Snowfall Total** verification service, please contact [Kevin Hople](#) (908-850-8600) for a free demo and information on how to sign up.

The screenshot displays the 'WEATHERWORKS YOUR WEATHER EXPERTS' interface. It features a search bar, a 'Recent Storms' section for West Virginia, and a table of snowfall data for October 23, 2006. The table lists locations and their snowfall amounts.

Location	Snowfall	Notes
West Hillford	26451	Snow
Salem	26426	Snow
Bridgeport	26330	Snow
Clarkburg	26301	Snow

The main page for Certified Snowfall Totals



September Rainfall Deficits

Allentown, PA	-3.80"
Sussex, NJ	-3.76"
Baltimore, MD	-3.63"
Wilmington, DE	-3.52"
Newark, NJ	-2.20"

Miscellaneous Dry Facts:

- Philadelphia had just 3 days with measurable rain
- Sept. 2007 in Baltimore was the 4th driest month ever

September Weather Review



As October begins, many people in the northern reaches of the mid-Atlantic are beginning to feel what our neighbors to the south have been experiencing for a long time - abnormally dry conditions.

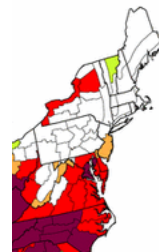
As the numbers to the left indicate, all parts of the area experienced rainfall amounts well below normal levels for the month of September. Many spots across the region received less than one inch of rainfall in September, which

corresponds to a rainfall deficit of nearly 4 inches in some spots.

While September can be a dry month, the situation this month was aggravated by the lack of tropical remnants bringing rainfall to the area. It was only back in September of 1999 that the area was in the midst of a long-term drought when Tropical Storm Floyd tracked over the area, bringing much needed rainfall.

As the map to the right clearly shows, areas south of the Mason-Dixon line are in severe drought conditions, with mod-

erate drought affecting South Jersey. If this dry pattern continues into the fall months, look for the drought to spread further north. Unfortunately, October can be a dry month as thunderstorms become fewer, and it's too early for stronger winter-like storm systems.



Current Drought Status

Dark Red: Extreme
 Red: Drought
 Orange: Moderate
 CPC/NOAA

Website of the Month

OCTOBER AVERAGES (30 year averages: 1971-2000)						
	Sussex, NJ		Philadelphia, PA		Baltimore, MD (BWI)	
	Oct. 1	Oct. 31	Oct. 1	Oct. 31	Oct. 1	Oct. 31
High Temp	69	57	71	60	73	62
Low Temp	43	33	55	44	50	39
Precip (Mo. Total)	3.81"		2.75"		3.16"	
Snowfall (Mo. Total)	0.0"		0.1"		0.0"	
Sunrise	6:55 AM	7:28 AM	6:57 AM	7:28 AM	7:02 AM	7:33 AM
Sunset	6:41 PM	5:55 PM	6:43 PM	6:00 PM	6:50 PM	6:07 PM

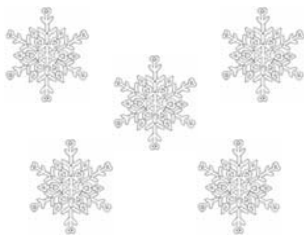
October 2007 Temperature Outlook

Expect temperatures to remain at or above normal levels for much of the month, with a few periodic tastes of autumn-like chill.

October 2007 Precipitation Outlook

As winter nears, stronger low pressure systems develop. Look for regular activity in this regard. Right now, it is unfavorable for the remnants of a tropical system to affect the area.

Coming Soon: The WeatherWorks 2007-2008 Winter Forecast



As this issue of the "Weather Tracker" goes to publication, [WeatherWorks](#) meteorologists are busy completing the most anticipated forecast product of the year: The Winter Forecast.

The development of The Winter Forecast is a six month process which begins immediately after the previous winter ends. Long term trends, averages and additional climate information are always being studied. Keeping up-to-date on the latest research into various meteorological phenomena like El Nino is done during the summertime. Since Labor Day, the Winter Forecast has become a priority so that we can help to give you an idea of

what to expect during the snow and ice season. It is important to realize though how slight global changes can affect our seasonal winter weather.

Look for the 2007 Edition of The Winter Forecast to be arriving in your e-mail Inbox by the middle of October. Some of the topics discussed are El Niño and La Niña, a few likely large-scale patterns to affect the area as well as a brief recap of the 2006-2007 winter.

Past Early Season Snow across the Eastern US

Now that we have seen some cold September nights across the area (Sussex, NJ has hit the 30s and Hagerstown, MD low Sept. temp was 42), one might wonder when some of the earliest snowfalls have been in the area.

You don't have to go too far back in the archives for the first flakes in parts of the area to come during October. In 2002, unseasonably cold air was accompanied by shower activity. Many spots saw the showers fall as snow. Though this did not cause many problems on the roadways, places as far South as Pottstown, PA, Mount Holly, NJ

and Westminster, MD saw their first snow flakes. The pattern was so cold that Mt Pocono, NJ also saw snow on October 24.

Last year featured an unusually cold blast of air in the middle of October. Our region was just a bit too far south to experience any wintry precipitation. However, one area in the Great Lakes saw a historic snowfall.

On October 12-13, Buffalo NY picked up **22.6** inches of snow, the seventh highest total in the city's history. This was all in the form of lake effect snow as parameters were off the charts

and temps were just cold enough for snow. The result was millions of dollars in damage to still leaf-covered trees. Nearly a half million people lost power in the storm. At times, snowfall rates were 2-3 inches per hour with continuous thunder.



Photo from NWS Buffalo



The website of the month is from the Iowa Maintenance Training Expo a few years ago. The article provides some helpful and very useful Snowplowing tips and techniques that were described in a panel discussion.

Client Contact Sheets

Important reminders about our services will be mailed out to ALL alert clients this week.

In addition to alert information, a client contact sheet will be included. Please complete it and fax back to our office as soon as possible, so that we will be ready to go this Winter!

UPCOMING EVENTS

- Oct. 1-2 Managing Snow and Ice Control Operations Allentown, PA
- Oct. 8 Columbus Day