



WEATHERWORKS

THE WEATHER TRACKER



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A Wide Variety of Weather in July

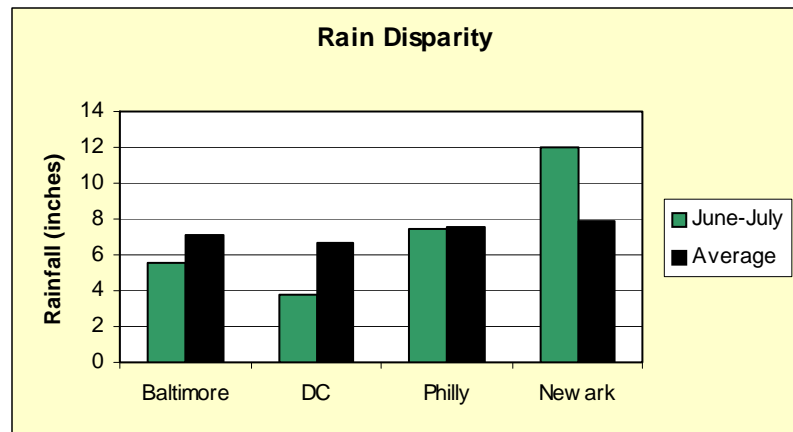
July was a wild month with some portions of the Mid-Atlantic (Maryland) experiencing drought conditions, while traveling northward into North Jersey, lawns and soils were lush. The graph below shows where most of rain-making systems developed.

There were a few interesting features this month: A severe thunderstorm moved through North Jersey during the pre-dawn hours of the 18th. Not only did this cause road dept. problems with rapid street flooding, but the storm also went on to produce a weak tornado as it moved into Long Island. An unusual feature developed on the

23rd, when a weak, non-tropical coastal low moved into the area. This kept temps in the 60s for most of the day across NJ and PA, while also producing the long soaking rains that lawns and vegetation dream for in the Summer. This was mainly for points North and East of Philadelphia.

At the end of the month, the

heat and humidity returned. However, an upper-level low hovered near the area for over a week. If it was not for this area of low pressure blocking the pattern, blazing heat would have moved in, likely for a few weeks. Instead, the heat is just beginning with many 90 degree readings expected for the beginning of August. Watering will likely be needed in all areas



Editorial: The Push for 7-10 Day Forecasts on TV



Over the last decade, there has been a disturbing trend towards longer, more specific extended forecasts (along with sensationalism) during the weather portion of the local news. Unfortunately, meteorologists and the tools that are used to forecast, do not have the ability to accurately provide daily forecast details 7-10 days out. The science and technology is not quite at the level to have even the best, most well-trained mete-

orologist to say "A week from today will be 28 for the high with 3-6 inches of snow". So who is responsible for driving this trend?

News directors are usually the ones who want the longer forecast, with on-air meteorologists having little say. The TV news industry is so competitive that each station wants to be the first with "RADAR 100,000" or the first 14-day forecast. Viewers then have a tainted picture that the forecast is an accurate representation of the weather on that date. All of this is allowed by directors and producers who have no idea how a forecast is created. An article in a recent issue of the "[Bulletin](#)

[from the American Meteorological Society](#)" highlights the growing problem. Long-range forecasts that are inaccurate, reduce the purpose and effectiveness of providing a forecast.

In keeping within the limitation of the science, the primary focus of the meteorologists at [Weather Works](#) is to provide highly detailed, accurate and reliable short range forecasts to help client needs. Our 3-5 day and extended forecasts are prepared to assist our clients in the planning and preparation process of their operations. These forecasts are more general in language but convey important trends associated with upcoming weather patterns.
~ Sean Rowland

Highest Temps so far in 2007 (thru 8/1)

Baltimore	97	6-27
Newark	97	7-9
Wash, DC	98	7-9
Atl. City	98	7-9
Sussex, NJ	94	7-10
Trenton	94	6-26
Philly	96	7-9
Allentown	95	7-10
Hagerstown	96	7-9
M. Pocono	88	7-10

August 2007 Preview

It looks like the “Dog Days of August” will live up to their billing this season. The first week or so of the month is shaping up to have the longest sustained period of heat (and humidity) so far this season. Believe it or not, after the first ten days of the month, average highs begin to gradually fall. So it is quite possible that the upcoming stretch of weather will be the hottest of 2007.



below normal rainfall. Unfortunately, for areas like Maryland where there have been ongoing drought conditions, little relief is expected in August.

Accompanying this warm period of weather is likely to be normal or even slightly

The one caveat to the precipitation outlook is tropical activity. (For a recap of what has

happened thus far this year, see the last article on the page) All that it will take to make rainfall amounts come in well above normal is for the remnants of one tropical system to move across the region. So far, tropical activity has been minimal at best. However, the last few days of July have featured an increase in tropical disturbances and even the naming of a new tropical storm, Chantal. This is likely to continue through August and into September as the peak of the hurricane season approaches.

Archived Weather Data

Do you ever have any weather related problems with your clients or employees? Is there a prospective client that you are bidding for and need to know past weather? Did someone ever claim to slip and fall on a job site? Is a client claiming you are charging them too much for snow removal? If you answered yes to any of the above hypothetical questions we can help assist you and your company by creating a

weather report.

[WeatherWorks](#), “Your Weather Experts”, collects and archives numerous weather products on a daily basis. We have the following at our disposal: RADAR images, surface observations, local storm reports, National Weather Service zone forecasts, rainfall totals, snowfall totals, lightning strike data, etc. The next time a weather related incident or claim affects

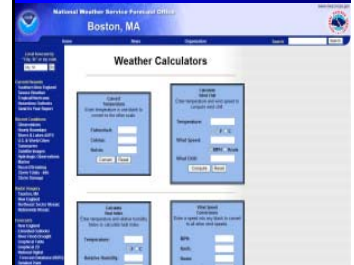
you and you need proof, contact us at **908-850-8600**. Our meteorologists will find the weather information you need, analyze the data and put together a simple, easy to read report, which you can hand to your client or personnel for confirmation. Requests are usually answered and fulfilled in 1-3 business days. Discount rates are applied to existing clients. For more information, contact [Tommy Else](#)

Here is a look at what has happened in the tropics so far....

2007-2008 Tropical Season		
May 9-11	T.S. Andrea Peak winds: 55 MPH	Very weak storm off the SC Coast. Developed from low pressure that formed off of a cold front. The system had both tropical and non-tropical characteristics, thus it was called a Subtropical Storm
June 1-2	T.S. Barry Peak winds: 55 MPH	Barry formed in the Northwest Caribbean and moved Northward into Florida. Winds did not pose much of a problem, but beneficial rains fell in the Southeast.
July 31– August 1	T.S. Chantal	Tropical storm developed rapidly in the Northern Atlantic and was racing away from land



Website of the Month



This web page from NWS Taunton provides a weather calculator. Weather parameters that may affect you (such as Wind Chill or Relative Humidity) are now easily converted or calculated

Forecast/Alert Update

As we prepare for the winter season, one of the several things we will be working on are some slight modifications and touch-ups to the Daily Forecast and Alert forms.

If you have any ideas or forecast/weather information that you would like to see added, please send us your suggestions. Our goal is to continue to make the forecasts easy to read and informative.

Please send all of your suggestions to **Sean Rowland**.

UPCOMING EVENTS

- Sep. 3 Labor Day
- Sep. 24-25 SIMA Leadership Conference
Atlantic City, NJ

