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[Pica: Weather By The Hour](#)

Guest blog by [Vincent Pica](#)

**Drill, Baby, Drill – Reading Weather Reports!**

OK, how many “hurry-canes” can we get (60mph winds and driving rain that last 20 gut-wrenching minutes) before we start paying better attention to the weather? And if you had *drilled down* a little, maybe there was more information that you could have used to your benefit – and an appreciation of the forecaster. (*continues after the photo*)



Photo courtesy of NOAA.

**Weather on the Web**

Clearly, the world is awash in web sites that can tell you the weather. Here is just a partial list:

- www.weather.com The Weather Channel
- www.accuweather.com AccuWeather
- www.weatherbug.com The Weather Bug
- www.wunderground.com Weather Underground
- <http://forecast.weather.gov> NOAA

And the information providers all have a weather channel – AOL, Yahoo, etc. (Editor's note: These are also all mostly available as APPs now, too, on your phone or iPad). Each portrays pretty much the same information that you can get by opening the newspaper over a cup of coffee at the kitchen table. And you may be surprised to know that they all likely get their weather data from the same source – the US’s NOAA – the National Oceanic & Atmospheric Administration. NOAA ([www.noaa.gov](http://www.noaa.gov)) is part of the Commerce Department, which says a lot about what government thinks affects business the most! If NOAA’s website has any fault at all, it is how much information you can get from it! But, as NOAA says, “NOAA’s weather programs touch the lives of every American. Every day, decisions are made based on NOAA weather information – from the mundane “should I pack an umbrella today?” to the most critical and potentially life-saving.” So, “more” is putting safety first. And that is where safety must be.

**So...**

If all the services get their basic data from NOAA, why don’t you just go there and get the info? An example of what you can get directly from NOAA would be:



This probably looks amazingly similar to any of the weather reports you see in the paper or on your internet provider. So, maybe we all just should go to NOAA. It is free too!

But the real answer, going back to the intro of this column, is you want to be able to drill down and not every weather service gives you that ability.

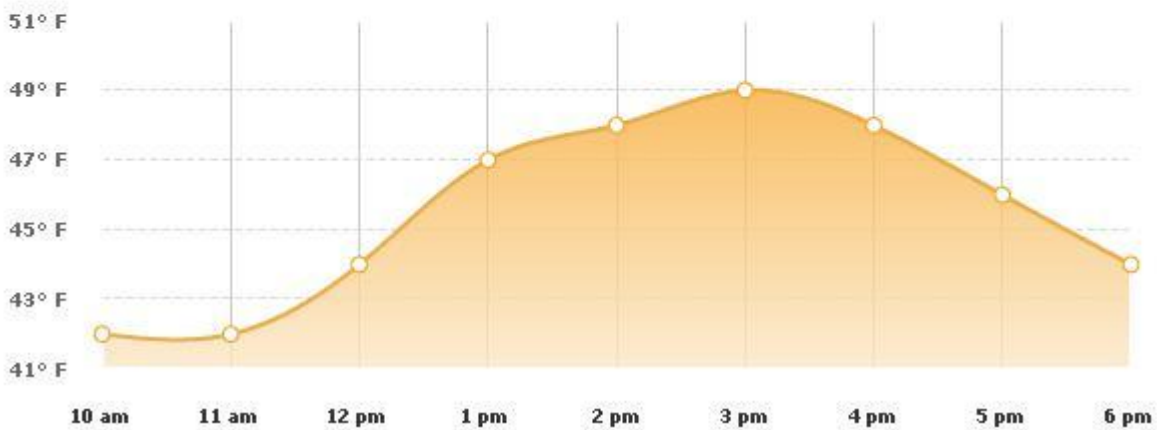
**Drill, Baby, Drill!**

On any given day, you can get a weather report what tells you that the chance of rain is 80%, such as last March 19th did. So, if you are planning to do anything outside, you might cancel or move it to another venue. But the 80% covers the whole day, i.e., there is an 80% chance that it will rain sometime today... When?

Here is what you can find at [www.weather.com](http://www.weather.com), as an example:



But there are two ‘buttons’ of interest. Upper left corner it says “Details” and along the bottom it says “Hour-By-Hour.” Hmm... If we try Details, we get:



Today
▼

**Hourly Forecast** [more details](#)

12 pm	3 pm	6 pm	9 pm	12 am	3 am
 <b>45°F</b>	 <b>49°F</b>	 <b>44°F</b>	 <b>39°F</b>	 <b>38°F</b>	 <b>35°F</b>
Feels Like 38°F	Feels Like 44°F	Feels Like 42°F	Feels Like 39°F	Feels Like 35°F	Feels Like 28°F

Today
Tonight

**High**  
**49°F**  
Showsers  
Precip 80%

**Overnight Low**  
**32°F**  
Showsers Early  
Precip 30%

Wind: **N 16 mph**

Max. Humidity: **72%**

UV Index: **2 Low**

Sunrise: **6:54 AM ET**

Avg. High: **48°F**

Record High: **55°F (1974)**

Wind: **N 12 mph**

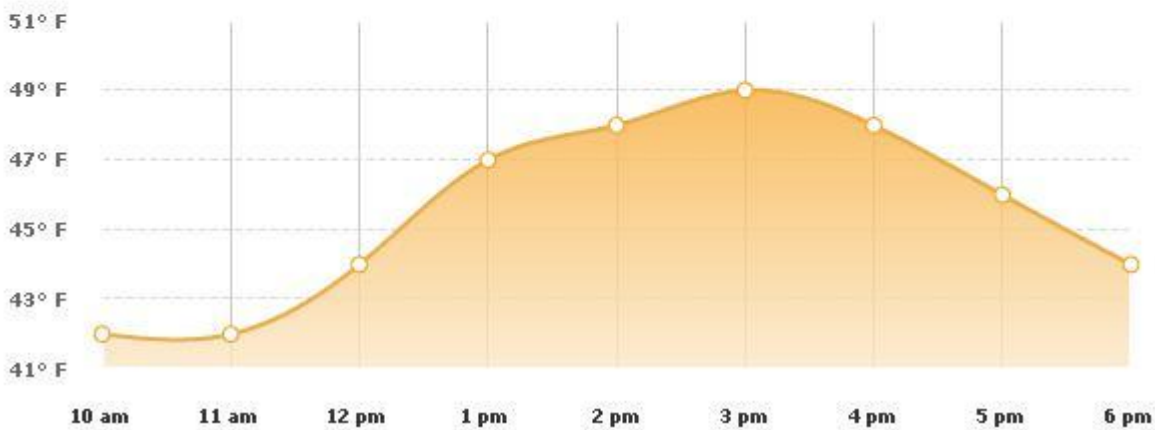
Max. Humidity: **73%**

Sunset: **7:01 PM ET**

Avg. Low: **31°F**

Record Low: **6°F (1967)**

Better but what I really want to know is when the rain is likely to arrive and this still looks like all day! What happens if I drill down on hour-by-hour?



Bingo! If you look at the chances of precipitation (just above the graph of temperatures), you'll see that the chances of rain before 2pm of about 1 in 3 or less! Even by 3pm, it is even money that no rain has fallen!

Drill, Baby, Drill – and how about we get some fishing in this morning!!!

BTW, if you are interested in being part of USCG Forces, email me at [JoinUSCGAux@aol.com](mailto:JoinUSCGAux@aol.com) or go direct to the D1SR Human Resources department, who are in charge of new members matters, at [DSO-HR](#) and we will help you “get in this thing...”