



# **HURRICANE SEASON 2010**

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# From the "Dave Barry Calendar"

"We're entering the heart of hurricane season. Any day now, you're going to turn on the TV and see a weatherperson pointing to some radar blob out in the Atlantic and making two basic meteorological points:

1. There is no need to panic.
2. We could all be killed!"



# Hurricane Outlook



## **Bastardi says...**

**"This year has the chance to be an extreme season."**

# Hurricane Season 2010

## Dr. Gray's Forecast

**15 named storms**

**8 hurricanes**

**4 major hurricanes**

## Government Forecast

**NOAA does not issue  
their forecast until  
late May**

**In a typical season, there are about 11 named storms –  
two to three impact the coast of the United States.**



# Joe Bastardi's forecast



Predicting a total of 16-18 storms. Only 8 years in 160 years of records have had 16 or more storms. Year to rival 2008 and worst case 2005 – the year of Katrina.

Season should start with 1 or 2 threats by early July extending in to late Oct.

At least 6 to impact US coastline.



Atlantic basin looks “textbook” for a major season, with many long track storms from Africa heading to western Atlantic and Caribbean toward the United States coastline...concentrated area where many storm tracks will pass through.



## Threats to Land

Out of the 16 to 18 tropical storms in total, 15 of which are predicted to be in the western Atlantic or Gulf of Mexico and therefore a threat to land.

<http://www.accuweather.com/video/1688983014/2010-hurricane-season-will-be-more-active.asp>

# Causes for Concern

- The rapidly weakening El Niño
- Warmer ocean temperatures in the typical Atlantic tropical breeding grounds compared to last year. Tropical storms draw energy from warm water
- Weakening trade winds which reduce the amount of dry air injected into the tropics from Africa, and
- Higher humidity levels which provides additional upward motion in the air and fuels tropical storm development

# Hurricane Season Video



- <http://www.accuweather.com/video/84633847001/2010-hurricane-season-could-be-a-top-10-active-season.asp>

**“Failing to plan is planning to fail.”  
Alan Lakein**

# Thank You

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