



Weather Research Center



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For Immediate Release
April __, 2014
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Weather Research Center’s Hurricane Outlook for 2014 The Gulf Coast from Brownsville, Texas to Florida has the highest risk of Hurricane or Tropical Storm Landfall

Houston, TX – According to meteorologist Jill Hasling, CCM of Weather Research Center (WRC) in Houston, WRC 2014 Hurricane Outlook calls for the highest risk for a tropical cyclone strike [tropical storm or hurricane] along the west coast of Florida followed by the Texas coast and the Louisiana to Alabama coast.

The secondary predictors show another season with fewer than normal tropical cyclones with only 6 to 9 predicted. One must remember it is not how many storms but where they make landfall.

Also it looks like the 2014 Hurricane season could be a long season with cyclones possible as early as May and as late as November.

2014 WRC OCSI FORECAST FOR THE ATLANTIC

<u>COAST</u>	<u>WRC OCSI</u>	<u>CLIMATOLOGY</u>
Texas	60%	51%
Mexico	20%	40%
Louisiana to Alabama	60%	59%
West Florida	80%	71%
East Florida	40%	41%
Georgia to N. Carolina	30%	56%
East Coast of U.S.	10 %	36%
Gulf of Mexico	90%	85%

Other 2014 Predictors from WRC’s OCSI

	OCSI
Number of Named Storms	6 -9
Number Intensifying into Hurricanes	3
Number of Hurricane Days	15
Number of Tropical Storm Days	41
U.S. Landfalls	3
Category 3, 4 or 5 Storms in the Atlantic Basin	50%

2014 is in Phase 7 of the Orbital Cyclone Strike Index. The years used to create this outlook were 1873, 1884, 1895, 1907, 1919, 1929, 1939, 1950, 1960, 1970, 1982, 1992 and 2002.

Memorable tropical cyclones in these years include a category 4 hurricane that moved into the lower Texas coast in 1919, a Category 3 Florida Hurricane in 1929, 2 major hurricanes in Florida in 1950, Hurricane Donna in 1960, Hurricane Celia in 1970, Hurricane Andrew in 1992 and Hurricane Isidore & Lili in 2002. So we could have an interesting 2014 hurricane season.

[About Weather Research Center & the Orbital Cyclone Strike Index](#)

Houston-based Weather Research Center is one of a handful of organizations that makes seasonal hurricane predictions. WRC uses a model called Orbital Cyclone Strike Index (OCSI) which uses the solar cycle (an indication of the solar system's orbit) to predict the risk for coastal residents each hurricane season. The OCSI model is based on the premise that there are orbital influences reflected in the global circulation pattern on the sun as well as the global circulation pattern of the earth. These orbital influences are reflected in the 11.1-year sun spot cycle.

In addition to its ongoing research, WRC also provides storm and hurricane information via the Internet through Storm Navigator®. This service offers detailed storm updates and related information. WRC's current and past predictions can be found at www.wxresearch.com/outlook.

Founded in 1987, the non-profit Weather Research Center manages a worldwide forecasting operation and provides groundbreaking research to scientists around the world. Meteorologists provide tropical cyclone advisories worldwide, severe weather advisories, marine forecasts, long-range outlooks, environmental studies and forensic meteorology services. WRC provides research into tropical cyclones as well as real-time weather forecasts. WRC can also provide you with an assessment of your severe weather and tropical weather plans.

Jill F. Hasling, WRC President, is a Fellow and Certified Consulting Meteorologist from the American Meteorological Society as well as a member of the National Council of Industrial Meteorologists. For more information about Weather Research Center and the John C. Freeman Weather Museum, please call (713) 529-3076 or visit www.wxresearch.com.