

Jill F. Hasling, CCM – Met/Ocean Consultant

5090 Richmond #467 Houston, Texas 77056 Phone: 713-818-9346 E-mail: wrc@wxresearch.org

2017 ATLANTIC HURRICANE OUTLOOK

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For more information call: 713-818-9346

Email: wrc@wxresearch.org

HOUSTON, TEXAS USA – The 2017 Atlantic Hurricane Season officially starts June 1st. Jill F. Hasling, CCM using the Cyclone Strike Index [CSI] predicts that the Texas Coast and the west coast of Florida have the highest risk of experiencing a tropical storm or hurricane this year with a 70% chance.

The secondary predictors of the index called for 10 to 13 named tropical cyclones forming in the Atlantic with 5 of these cyclones intensifying into hurricanes. Four of the tropical cyclones are expected to make landfall along the United States Coast. There is a 50% chance that one of the hurricanes would intensify into a Category 3 or higher hurricane somewhere in the Atlantic.

The season is expected to start early with a chance of May tropical cyclone. The season is also expected to be a long season with named storms in December.

The CSI for 2017 shows that Texas and the West Coast of Florida have the highest risk of a landfall of a named tropical cyclone. The Gulf of Mexico oil leases have a 100% chance of experiencing a tropical storm or hurricane this year. The last time we were in Phase 10 of the CSI was 2005 and Florida experienced Hurricane Dennis, Texas experienced Hurricane Rita and Louisiana to Alabama experienced Katrina.

There have been eleven Atlantic Hurricane Seasons since 1871 that we know when there were 15 or more named tropical cyclones in the Atlantic in a season [1887, 1933, 1936, 1969, 1995, 2003, 2005, 2008, 2010, 2011, 2012, and 2016]. Since 1871, there have been 49 years when a season had 10 or more named tropical cyclones. The season with the most Atlantic tropical cyclones is 2005 with 27 named cyclones with 15 intensifying into hurricanes. Below is the list of the 11 years with 15 or more named Atlantic tropical cyclones

2005	27 named cyclones
1933	21 named cyclones
1995	19 named cyclones
2010	19 named cyclones
2012	19 named cyclones
1969	18 named cyclones
1887	17 named cyclones
2011	17 named cyclones
1936	16 named cyclones
2003	16 named cyclones
2016	16 named cyclones

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<u>COAST</u>	<u>CSI</u>	<u>CLIMATOLOGY</u>
Gulf of Mexico - Offshore		
Leases	100%	85%
Texas	70%	51%
Louisiana to Alabama	50%	59%
West Florida	70%	71%
East Florida	30%	41%
Georgia to N. Carolina	60%	56%
East Coast of US	20%	36%
Mexico	50%	40%

<u>2017</u>	<u>CSI</u>
<u>OTHER PREDICTORS</u>	
Number of Named Storms	10-13
Number of Hurricanes	5
Number of Hurricane Days	21
Number of Tropical Storms Days	68
US Landfalls	4
Category 3, 4, 5 Hurricanes	50%

This is Phase 10 of the Cyclone Strike Index and includes years 1887, 1898, 1910, 1922, 1932, 1942, 1953, 1963, 1973, 1985, 1995, and 2005. The last two CSI Phase 10 years were 1995 and 2005. In 1995 the Atlantic experienced 19 tropical cyclones with 11 of them reaching hurricane strength and in 2005 we experienced 27 tropical cyclones with 15 of them intensifying into hurricanes.

The Cyclone Strike Index [CSI] Outlooks have been issued each year since 1985. The seasonal index has verified 87% of the time in the regards to the section with the highest possibility of landfall. Taking into account the areas of coastline with the second highest chance of landfall, the index verifies at 97%. For more information on the outlook go to <http://www.wxresearch.com/outlook>

For further information or questions regarding the hurricane outlook, please do not hesitate to contact Jill Hasling, CCM at wrc@wxresearch.org or 713-818-9346

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