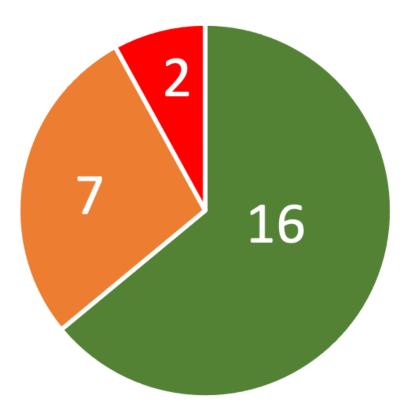
THE WEATHER PROS: TROPICAL ALERTS

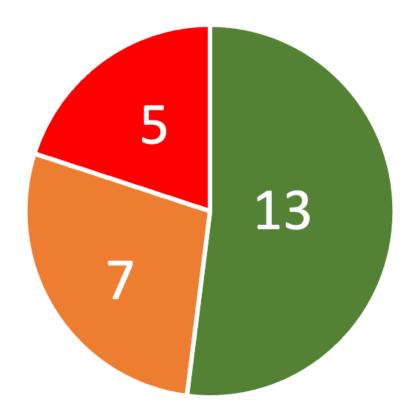


TOP 5 HURRICANE SEASON ANALOGS

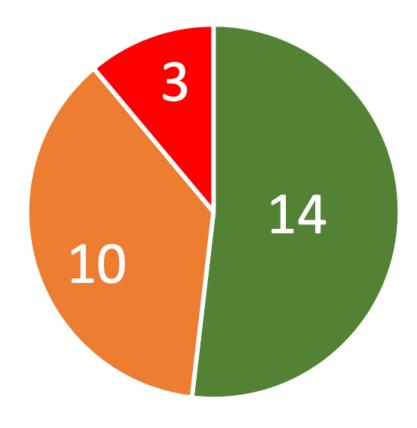






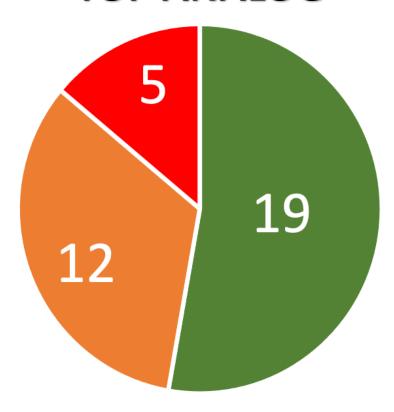




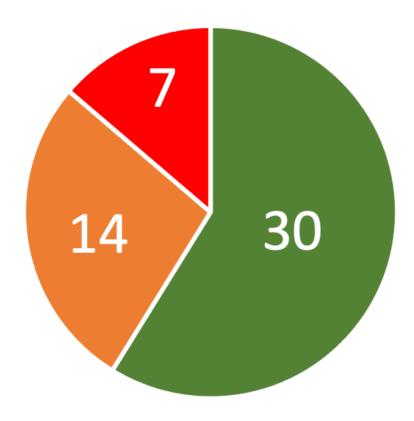




2010 Hurricane Season **TOP ANALOG**

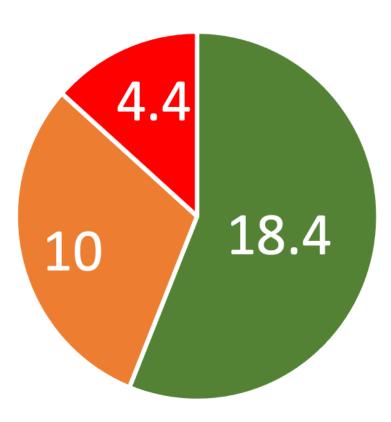






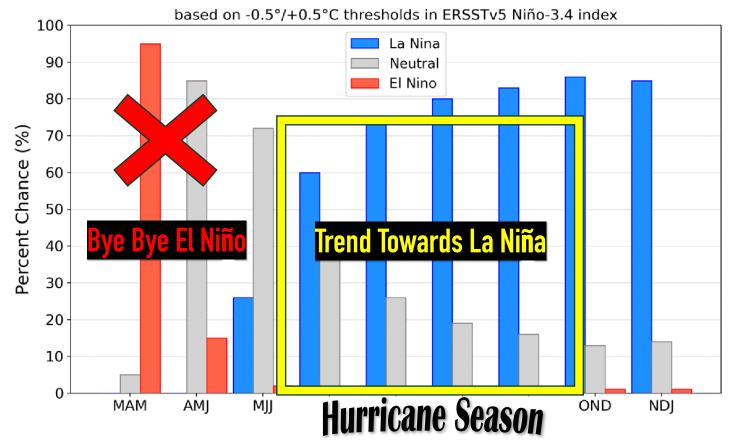


Analog Avg.





Official NOAA CPC ENSO Probabilities (issued Apr. 2024)



- La Niña conditions support less wind shear in the Atlantic (less wind shear = hurricanes develop and intensify).
- Reduces surface trade winds. Trade winds can disrupt necessary circulations and allow warmer water to build up across the "Main Development Region". Weaker winds = more development.
- Transition away from El Niño to La Niña means warmer water now focuses across the Atlantic and Gulf. Warmer water "attracts" air to converge and "pile-up" creating conducive environment for storms to develop.
- La Niña influences where hurricanes form due to changing wind patterns. Across Africa and into the deep tropics, these waves can become very pronounced and develop into major hurricanes.



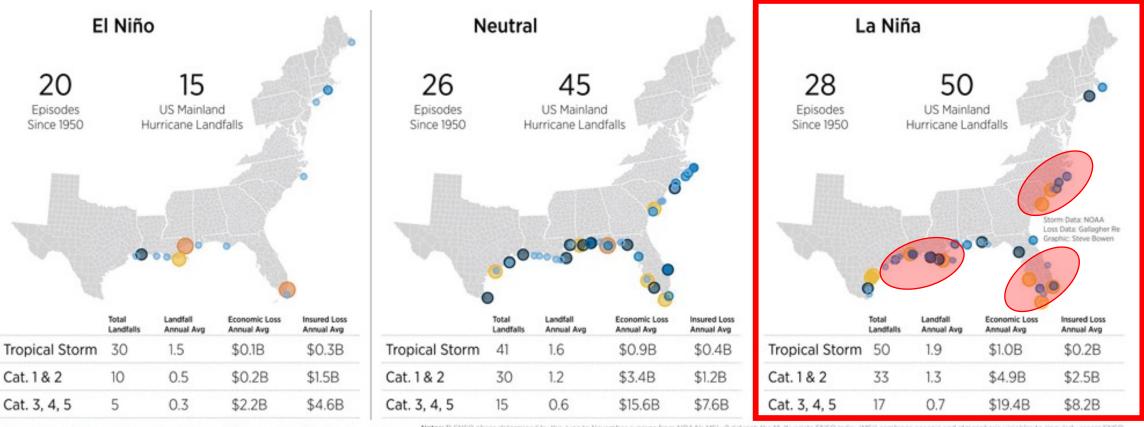
Category 1

Category 2 Category 3

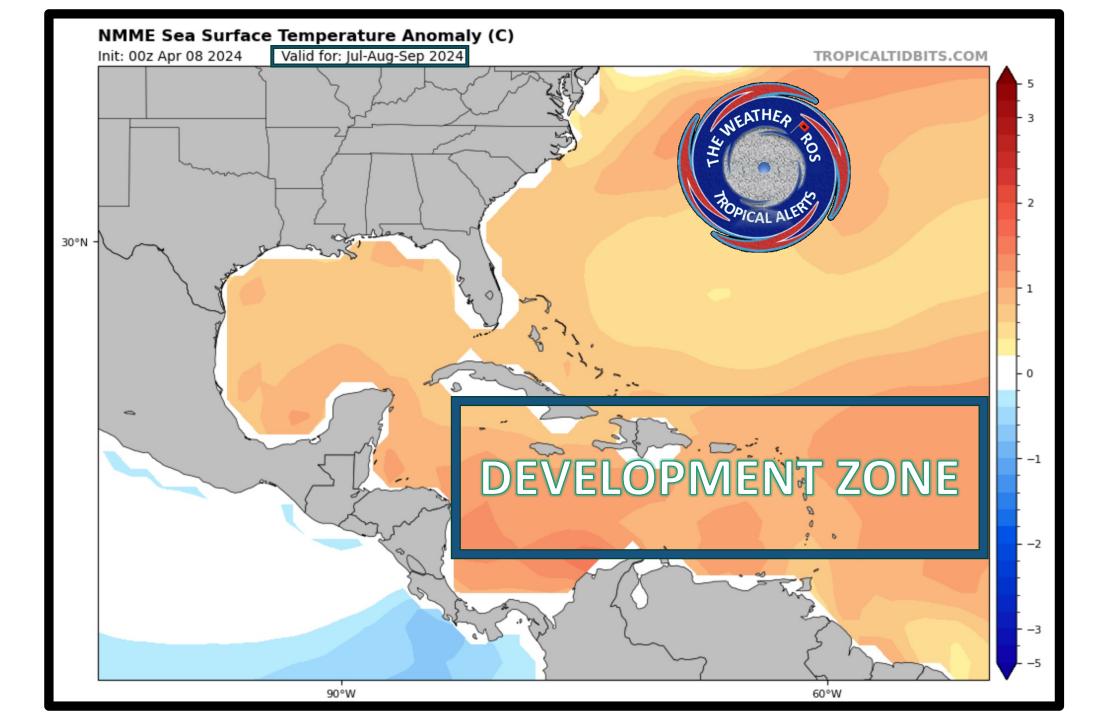
Category 4

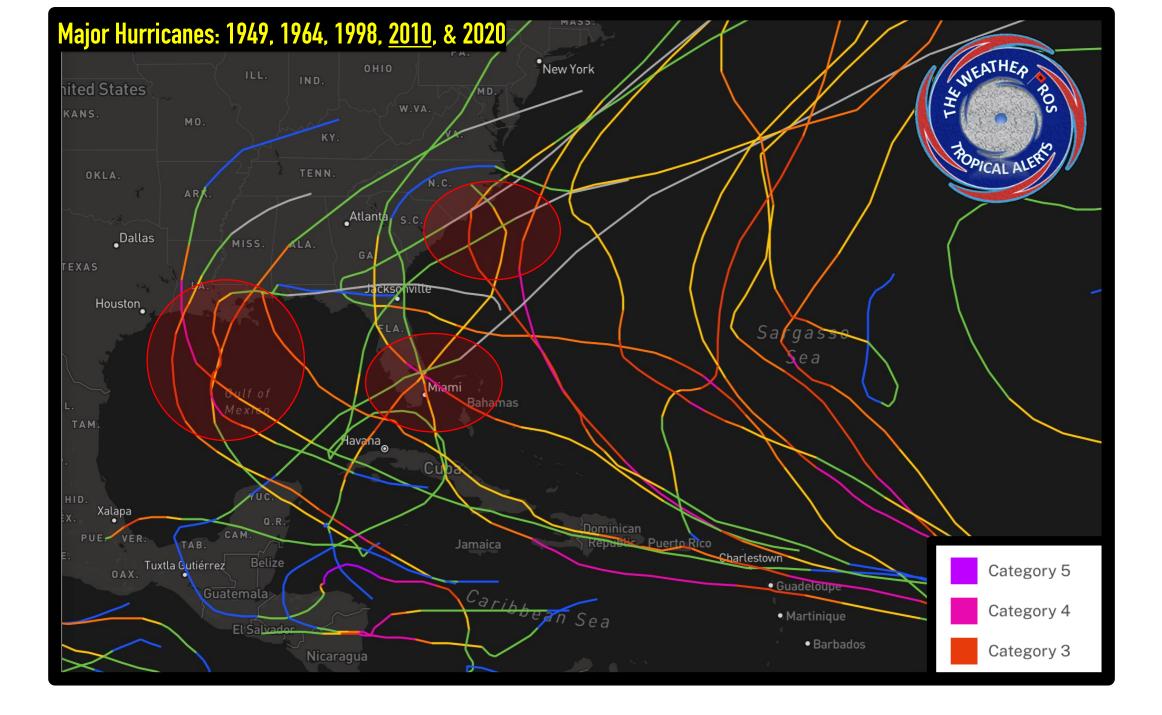
Category 5

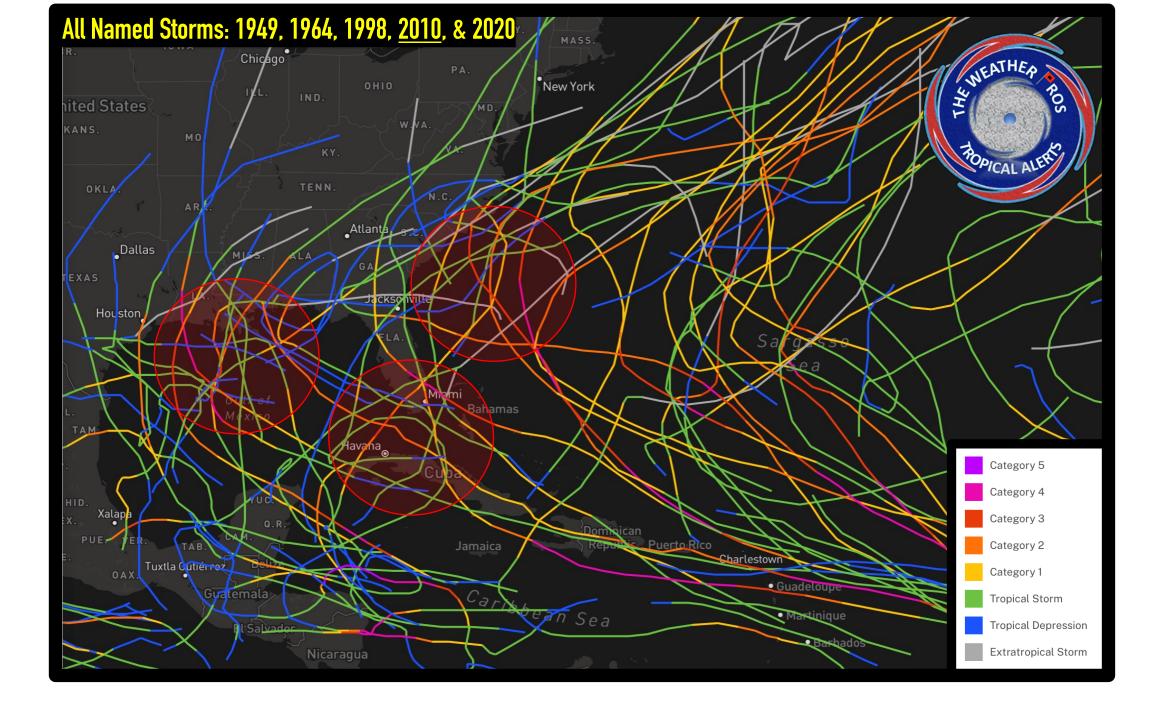
La Niña Proven to be More Costly

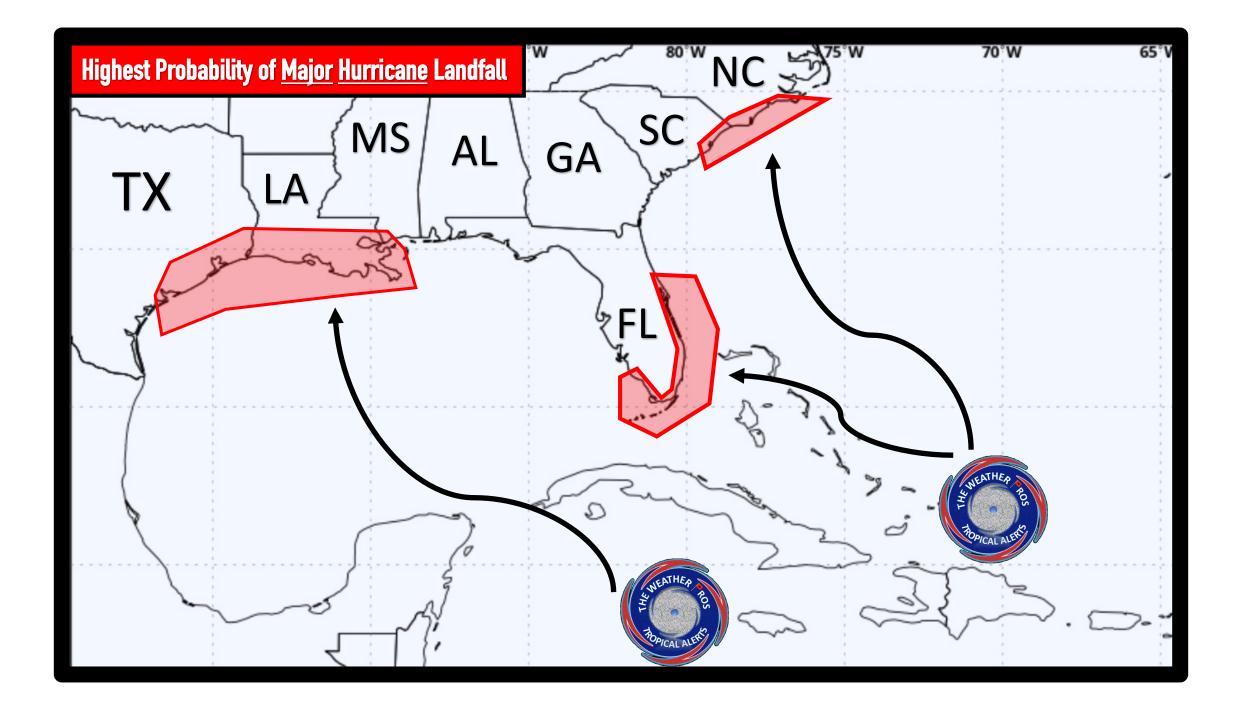


Notes: 1) ENSO phase determined by the June to November average from NOAA's MEI v2 dataset; the Multivariate ENSO index (MEI) combines oceanic and atmospheric variables to singularly assess ENSO 2) The first and/or strongest US mainland landfall point per storm is included on this map; 3) Losses adjusted to 2024 USD using US CPI and a construction / cost of labor factor

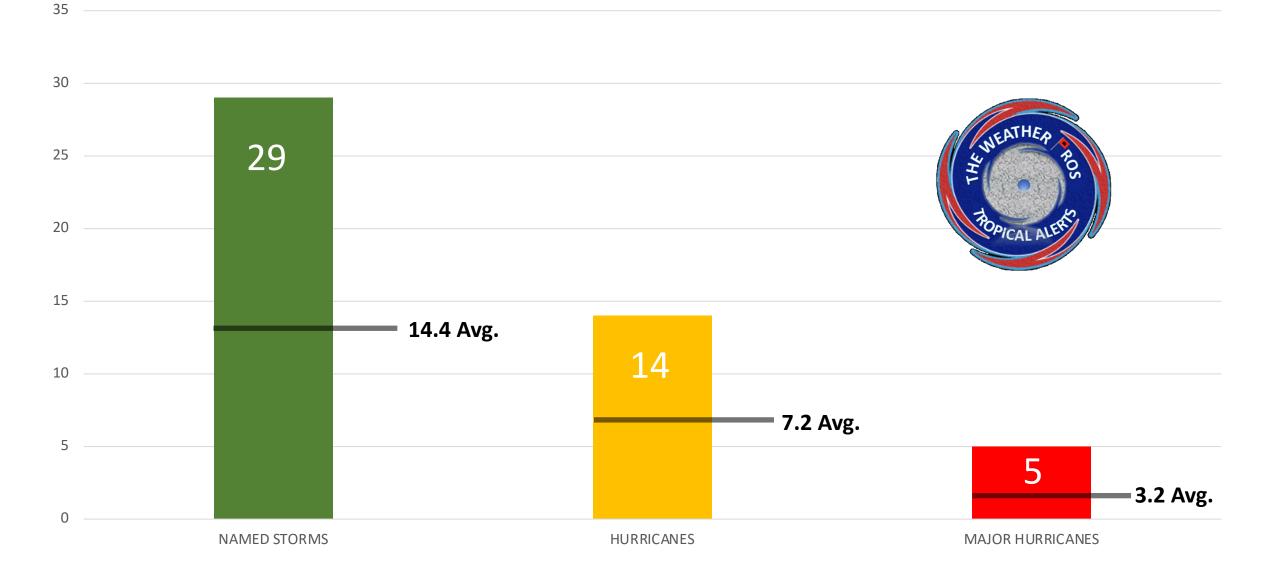






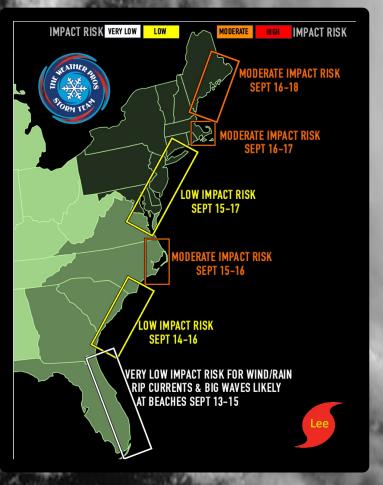


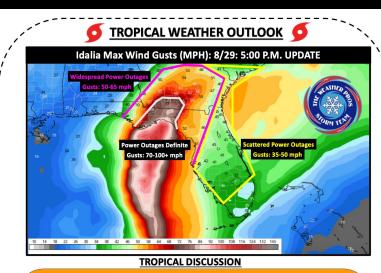
THE WEATHER PROS FORECAST



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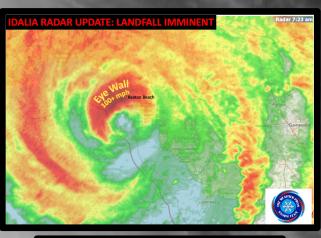


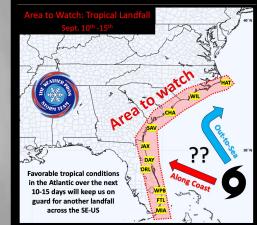
ugust 30th: Florida Gulf Coa

turnicane Idalia with maximum sustained winds up to 90 mph and a pressure reading of 976mb, is currently continuing to strengthen as it sea northward at 15 mph. Outer rainbands have already begun to impact portions of the West Coast from locations expanding the subtwest peninsula up to Tampa and will see these rainbands sepiral northwards as Idalia inches closer. With rapid intensification poised to cur later today and leading up to Iandfall, there is very high confidence in Idalia reaching Major Hurricane status upon landfall hitting isos to a Category 4. We expect landfall to toccur within the 9.M – 10.M timeframe targeting aroumbere between Saint James land and Steinhatchee, FL Catastrophis storm surge and inundation of 10-15⁴ will take place closest to the storm's center along with inds exceeding 100+ mph, and life-threatening surge closewhere along portions of the coast. Furthermore, 4 – 8⁺⁺ of rain will fall from pathetic to around Punta Gorda, with widespread heavy rainfall elsewhere along with the threat for gusty winds over 35-40 mph, flash coding, and severe wather including rain-wrapped tornadoes. We'll be continuously monitoring as we watch Idalia move closer to lorda.

August 30th - September 1st: GA, SC, & NC

Idalia will weaken to a tropical storm later Wednesday afternoon from land interaction; however, concerning threals will be moderate to major flooding from heavy rainfall, tropical to hurricane-force gusts especially toward southern Georgia, coastal flooding from storm surp and severe weather threat for tomadoes toward eastern and coastal sections. We're anticipating a wath of 4 – 8"+ of rainfall to extend from the Florida and Georgia border north of Tallabassee, up to Augusta and toward Flattens with a widespread 1-2" expected to fail elsewhere from Georgia to North Carolina. Gusts in excess of40 mpb will expand the 1-95 corridor and points west-easting it as well, especially from tropical downpours or supercells. Idalia will transition off North Carolina sometime Thursday afternoon continuing to batter coastal parts of the Carolinan with winds and rain before weakening as it heads eastward offshore. We'll be closely monitoring if it meanders to close to the Southeast coast ence it finally heads into the western Allantic.





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