

First Warn 5 Weather

TIM SMITH, CHIEF METEOROLOGIST



**FIRST WARN
WEATHER**

HURRICANE PREPAREDNESS

MAY 19, 2011



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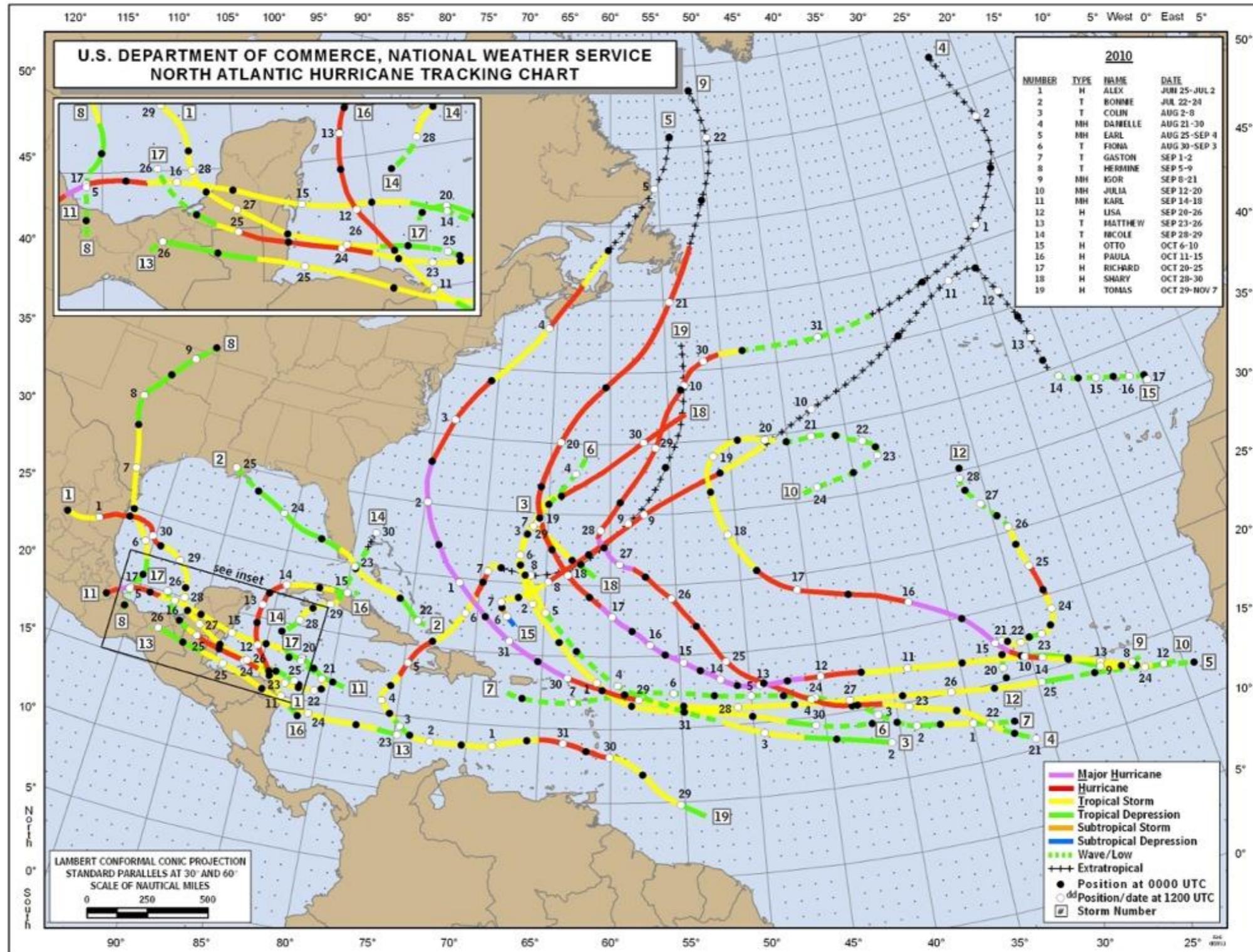
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2010

Hurricane
Season

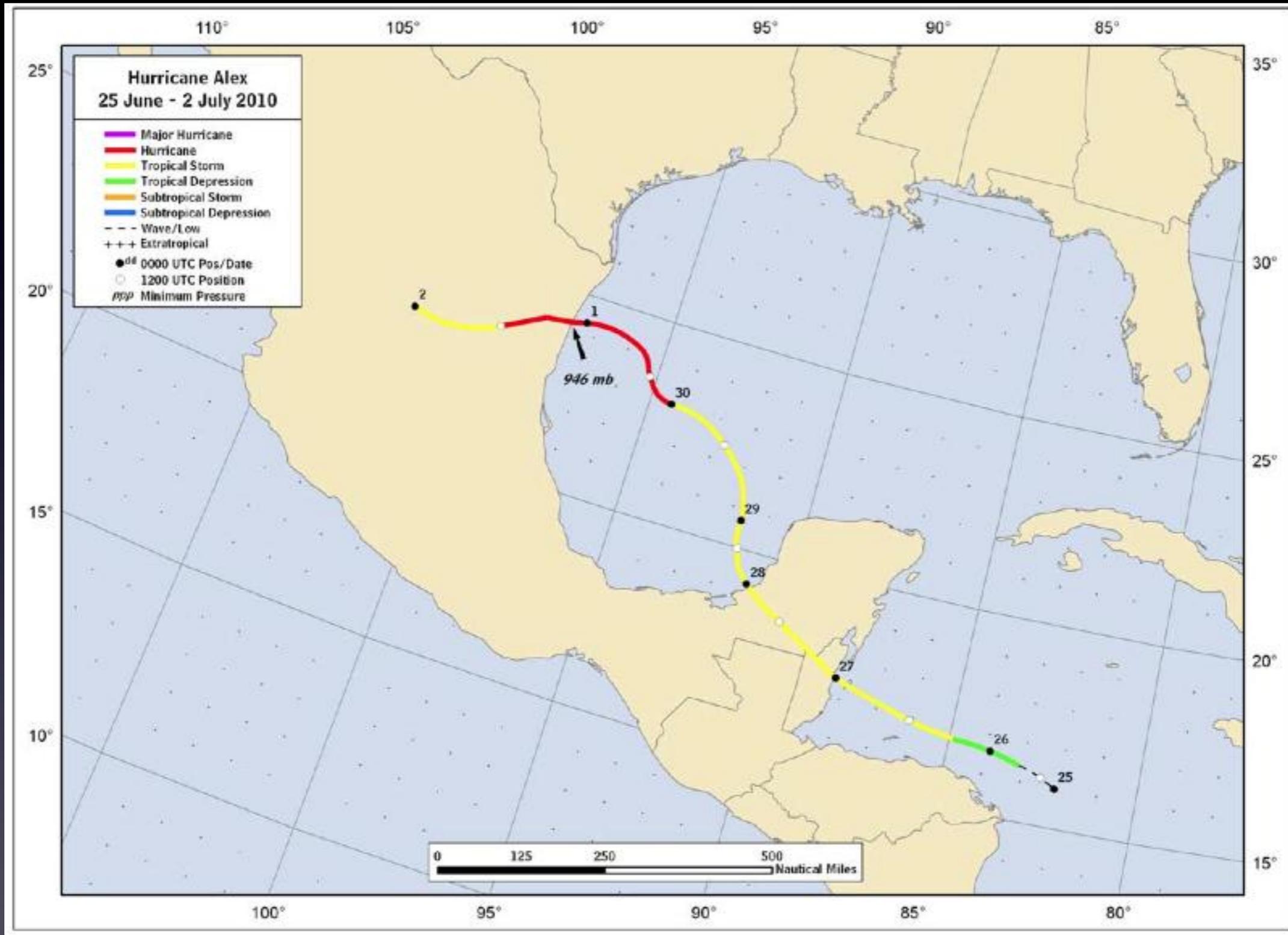
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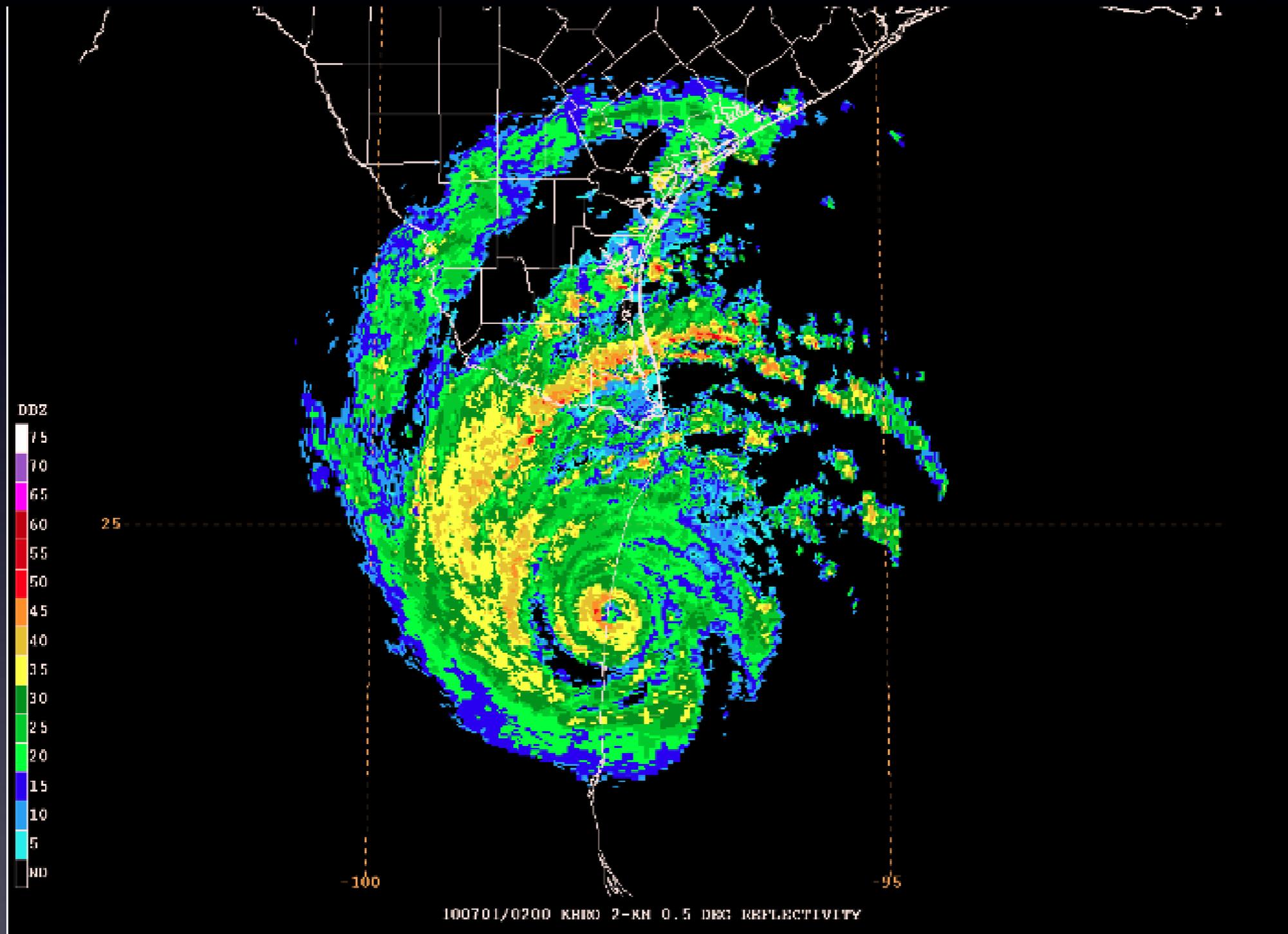


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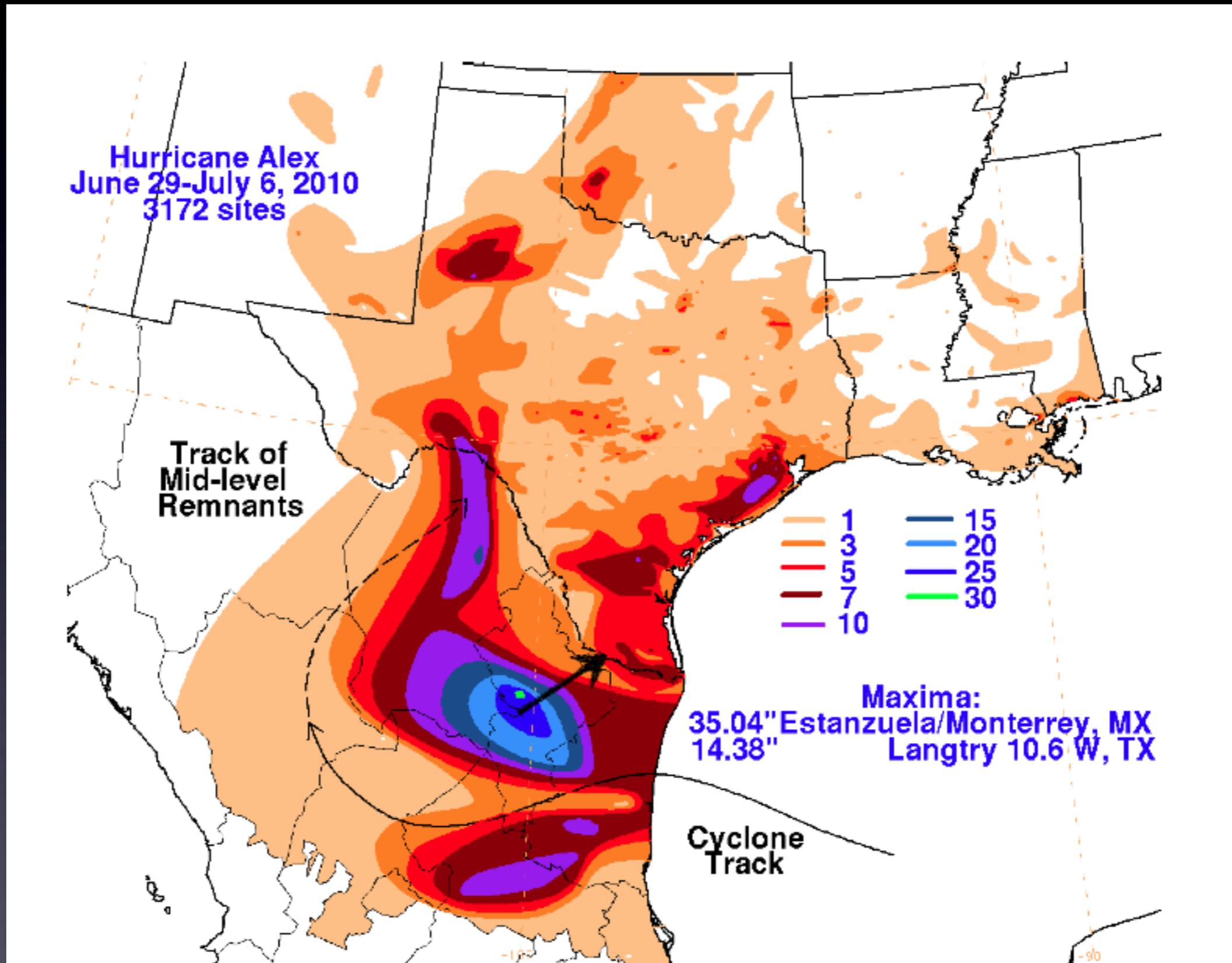


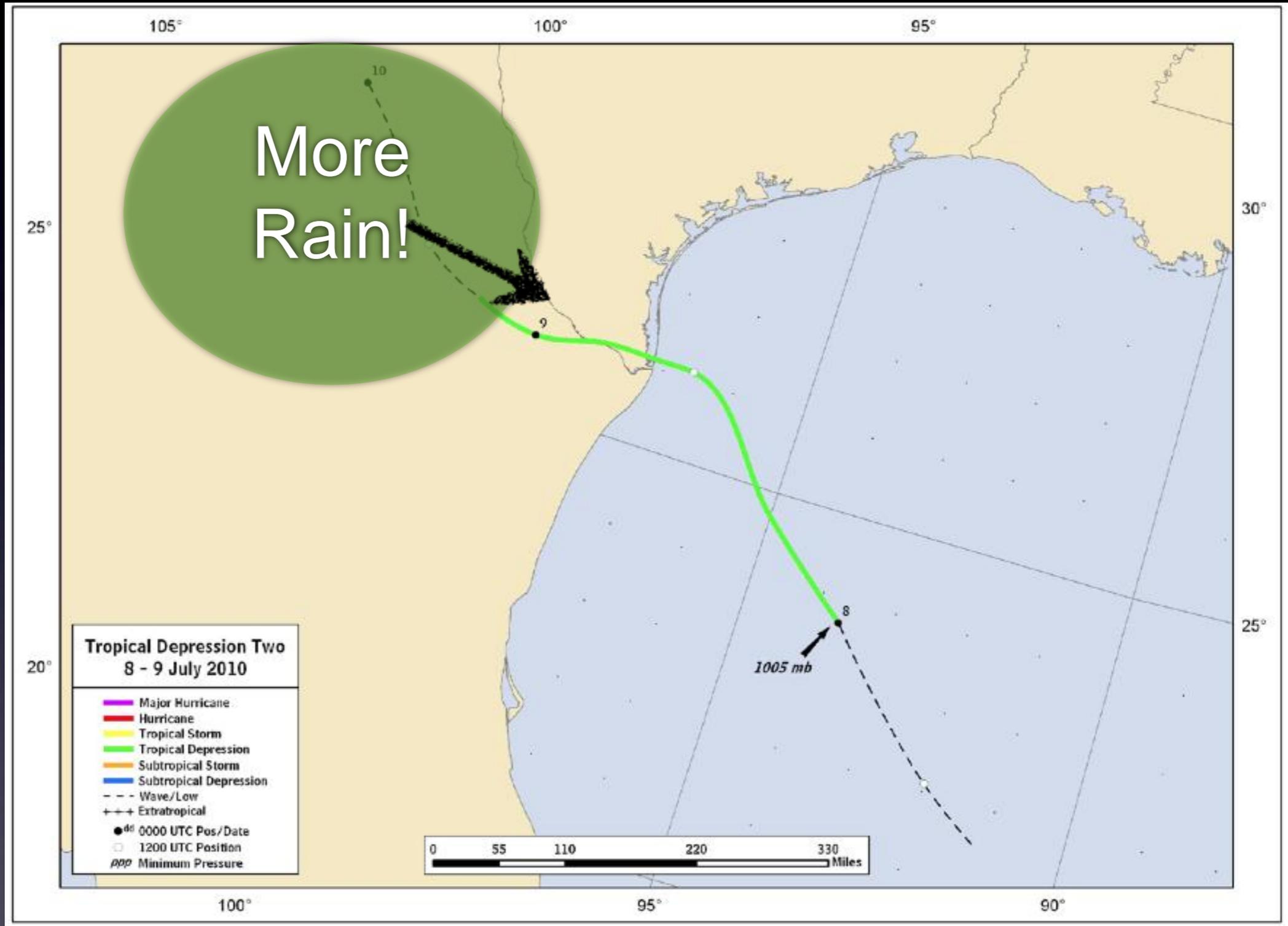
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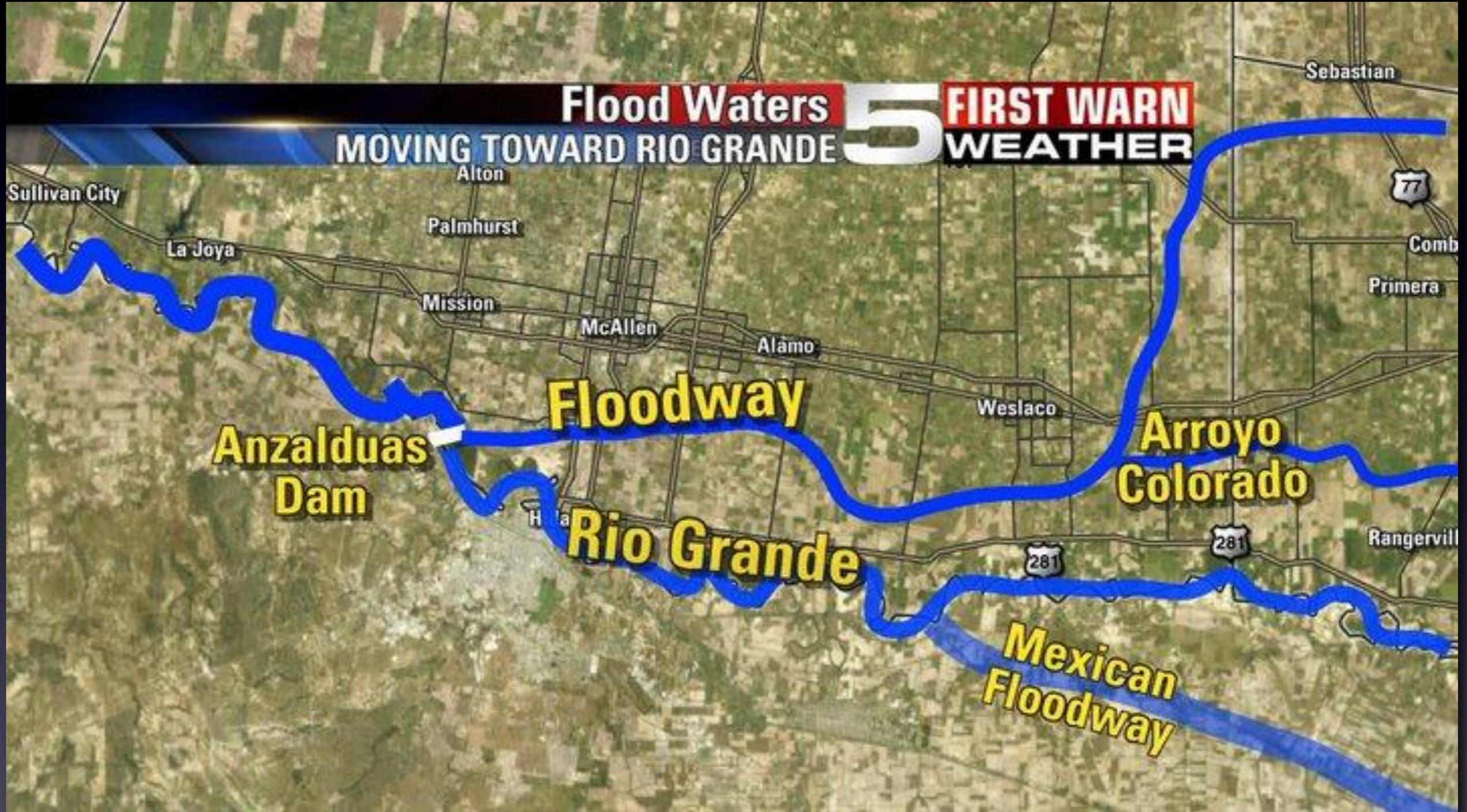


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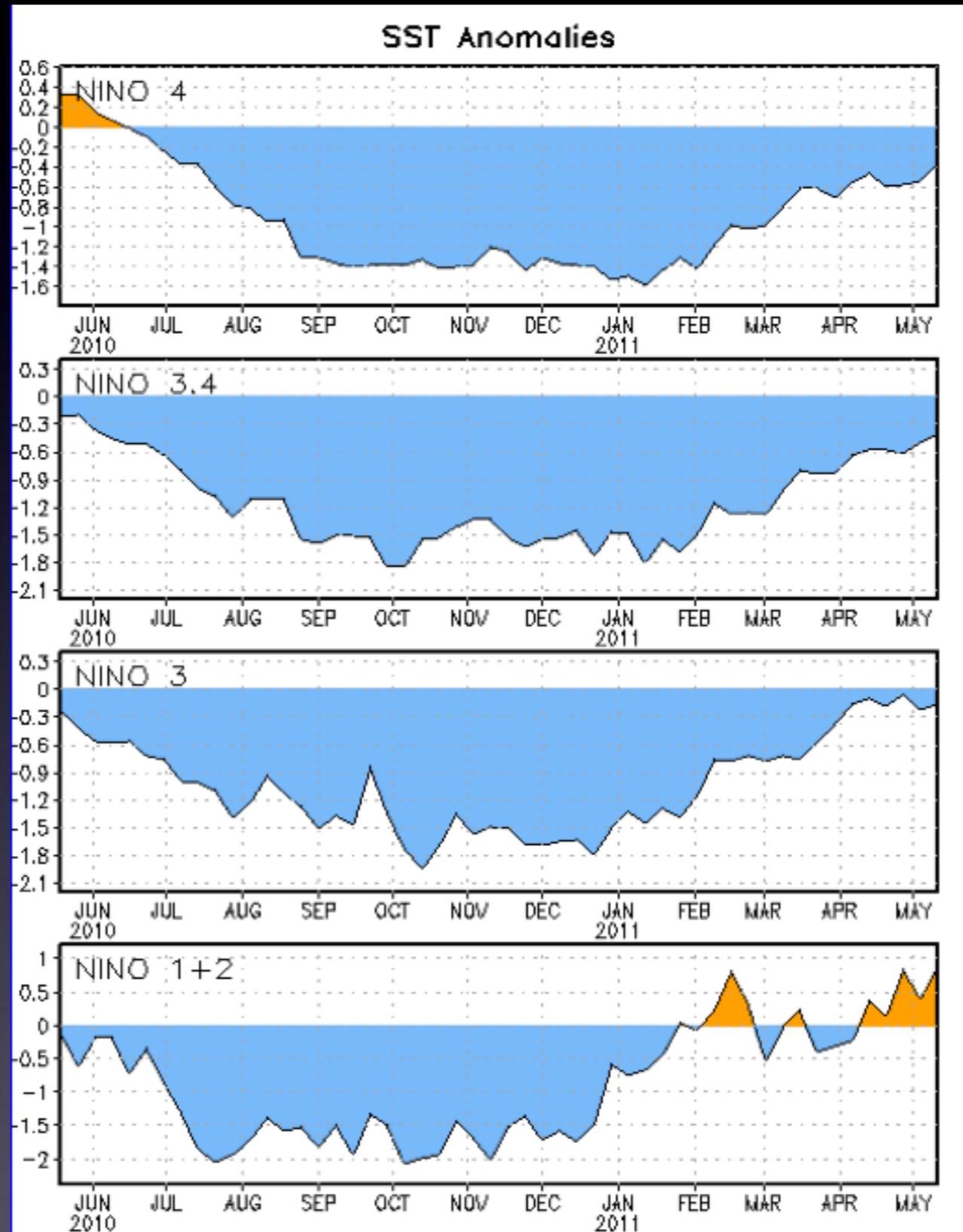
2011 Hurricane Season Outlook

EL NINO

Sea Surface
Temperature
Anomalies

YELLOW
Above Normal
EL NINO

BLUE
Below Normal
LA NINA



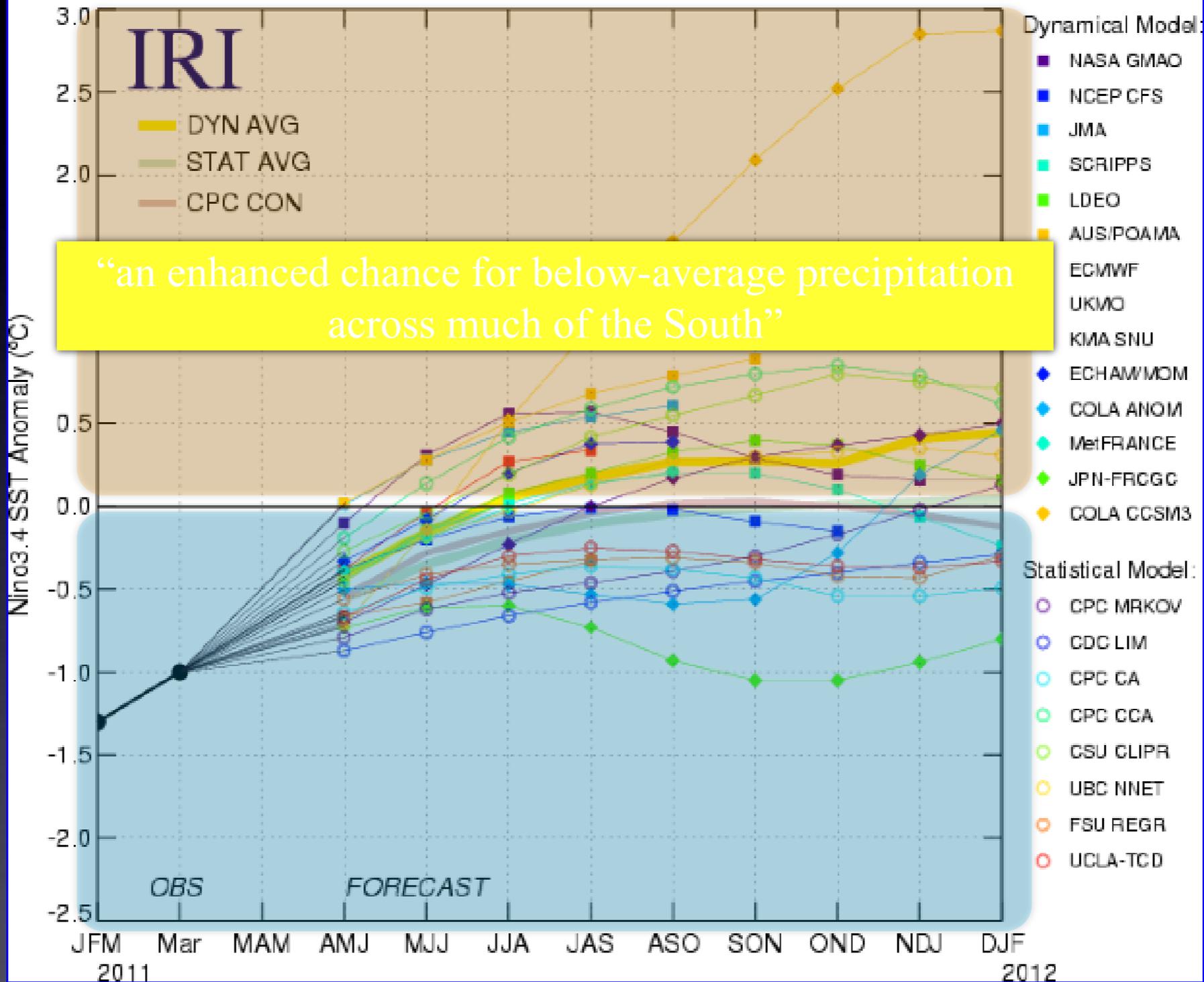
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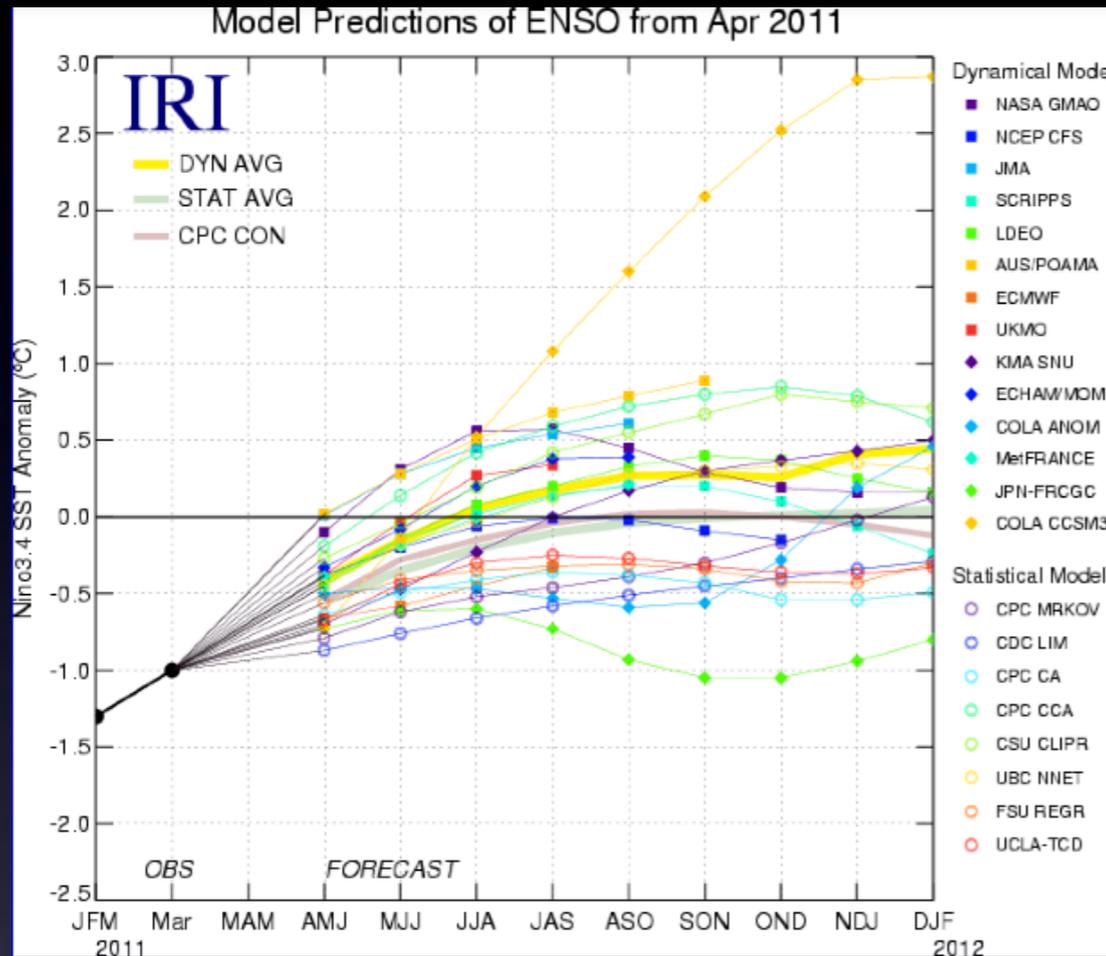
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Model Predictions of ENSO from Apr 2011



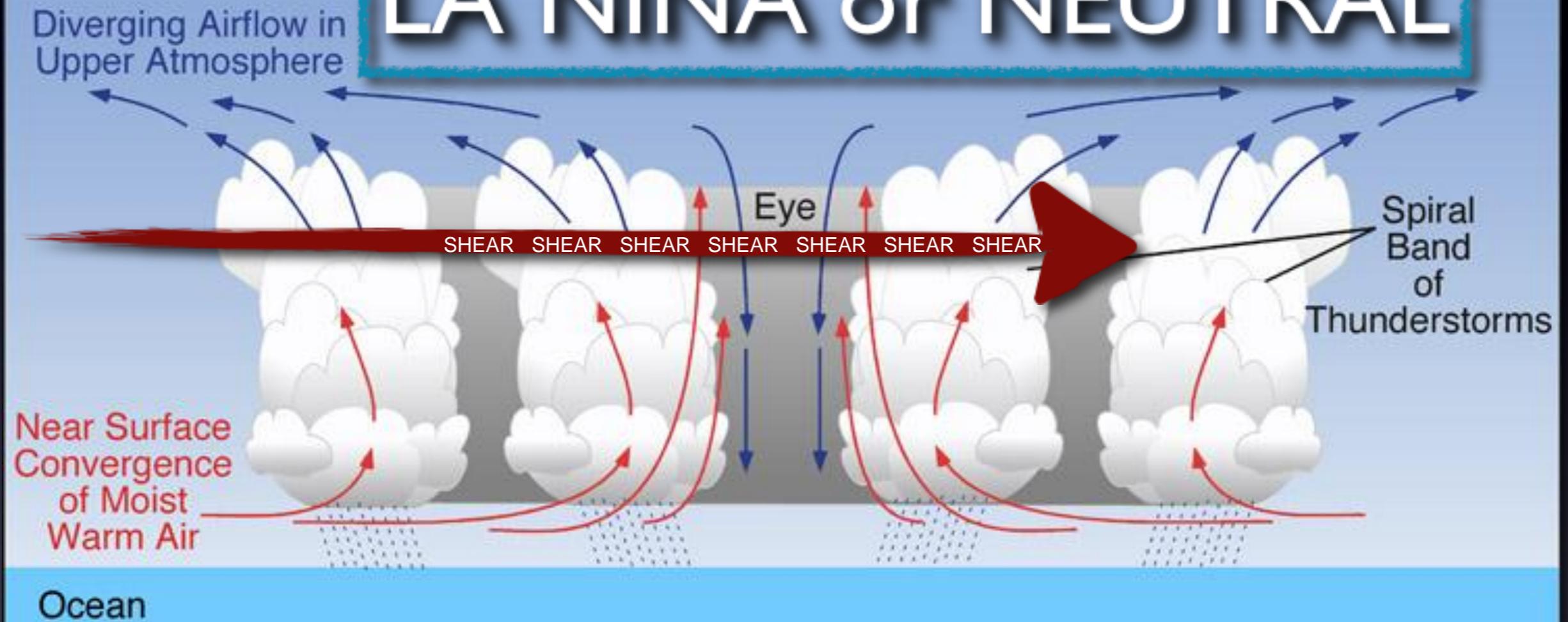
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- A transition from La Niña conditions to ENSO-neutral conditions is underway across the equatorial Pacific.

LA NINA or NEUTRAL



EL NINO!

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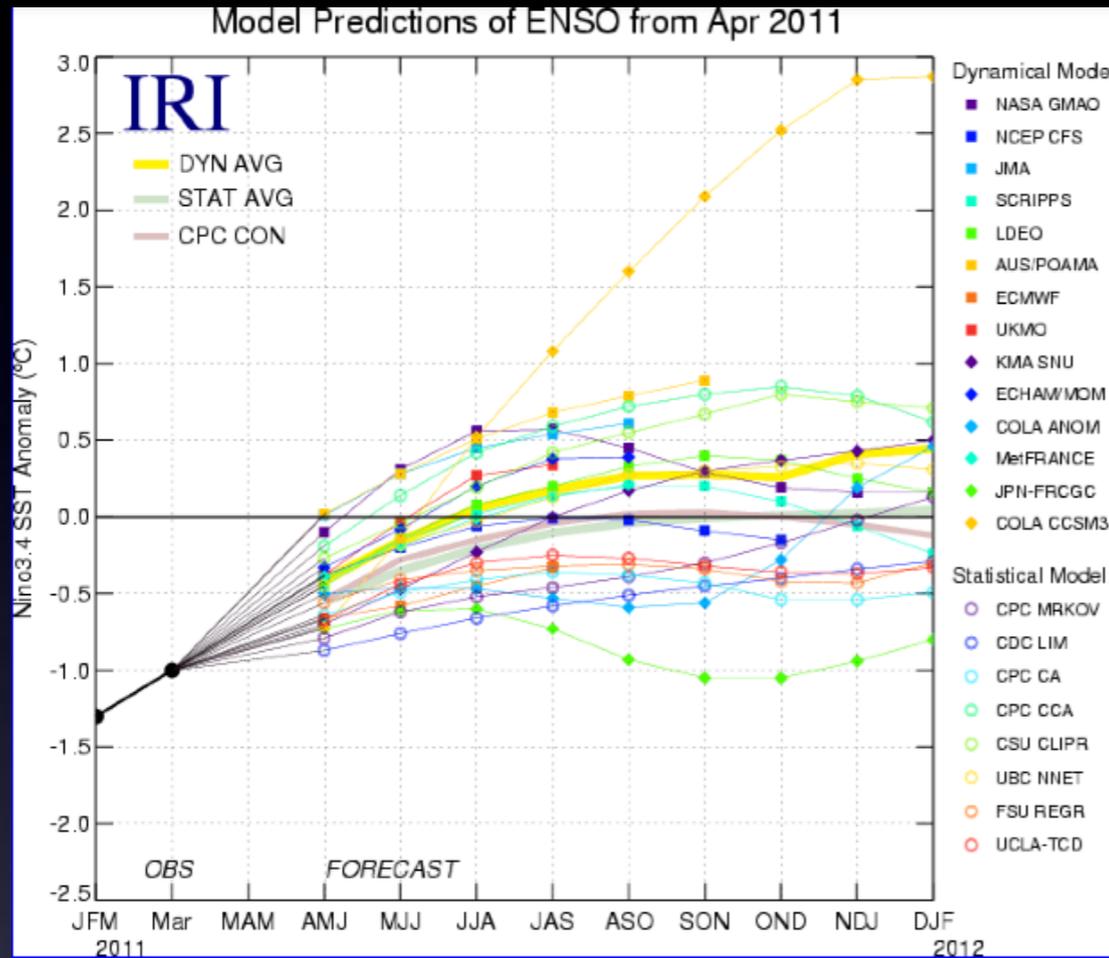


SHEAR SHEAR SHEAR SHEAR SHEAR SHEAR SHEAR

EL NINO!

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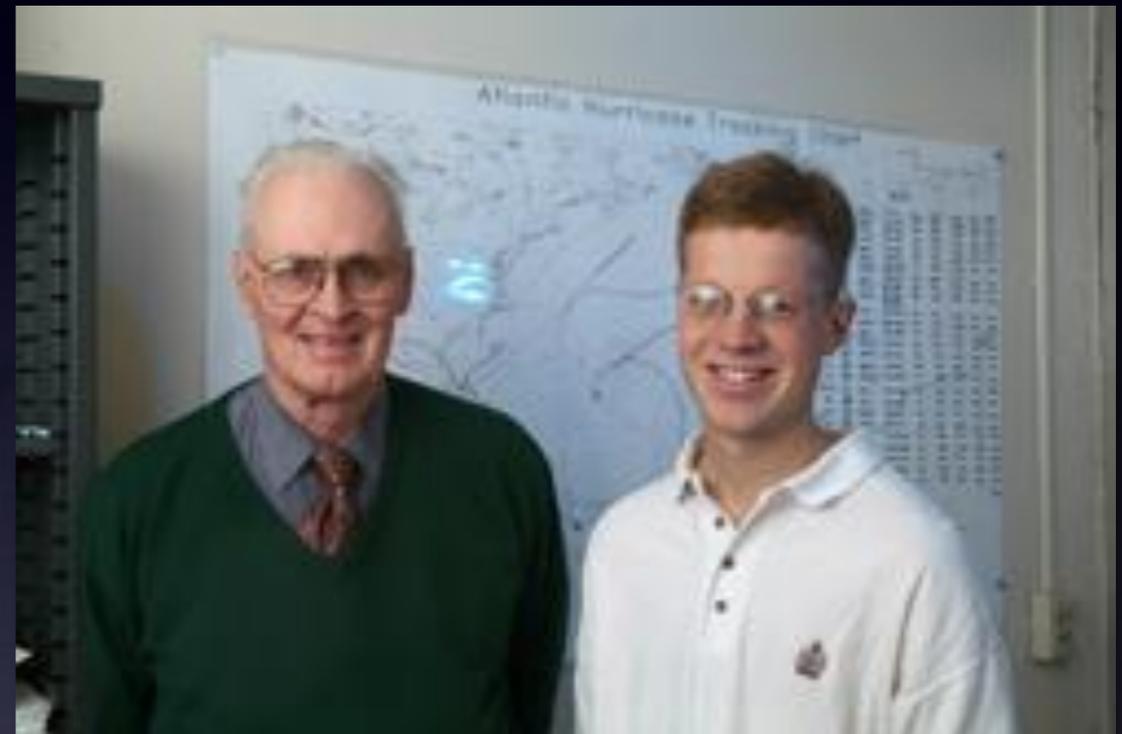
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The Experts:

Colorado State University



Dr. William Gray

Dr. Phil Klotzbach



2011

50 Year Avg

Named Storms

16

9.6

Hurricanes

9

5.9

Intense Hurricanes

5

2.3

--Category 3 or Greater

Source: The Tropical Meteorology Project
Colorado State University



Landfall Probabilities

	Tropical Storm	Hurricane	Major Hurricane
Cameron County	10.3%	6.3%	2.5%
Climatology (norm)	6%	3.6%	1.5%
Willacy County	5.2%	3.1%	1.2%
Climatology (norm)	3%	1.8%	0.7%
Hidalgo County	11.2%	6.8%	2.8%
Climatology (norm)	6.5%	4.0%	1.6%

Questions?

Tim@KRGV.com

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**Thank
You!**

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