

YET ANOTHER
METHOD FOR
COMPILING CLIMATE

Mike Bauer

BEYOND MONTHLY MEANS



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- Same information.
Different results.



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Different results.
- The Big Data Hammer



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 - Cookie Cutter.
 - Mega-seeded search.

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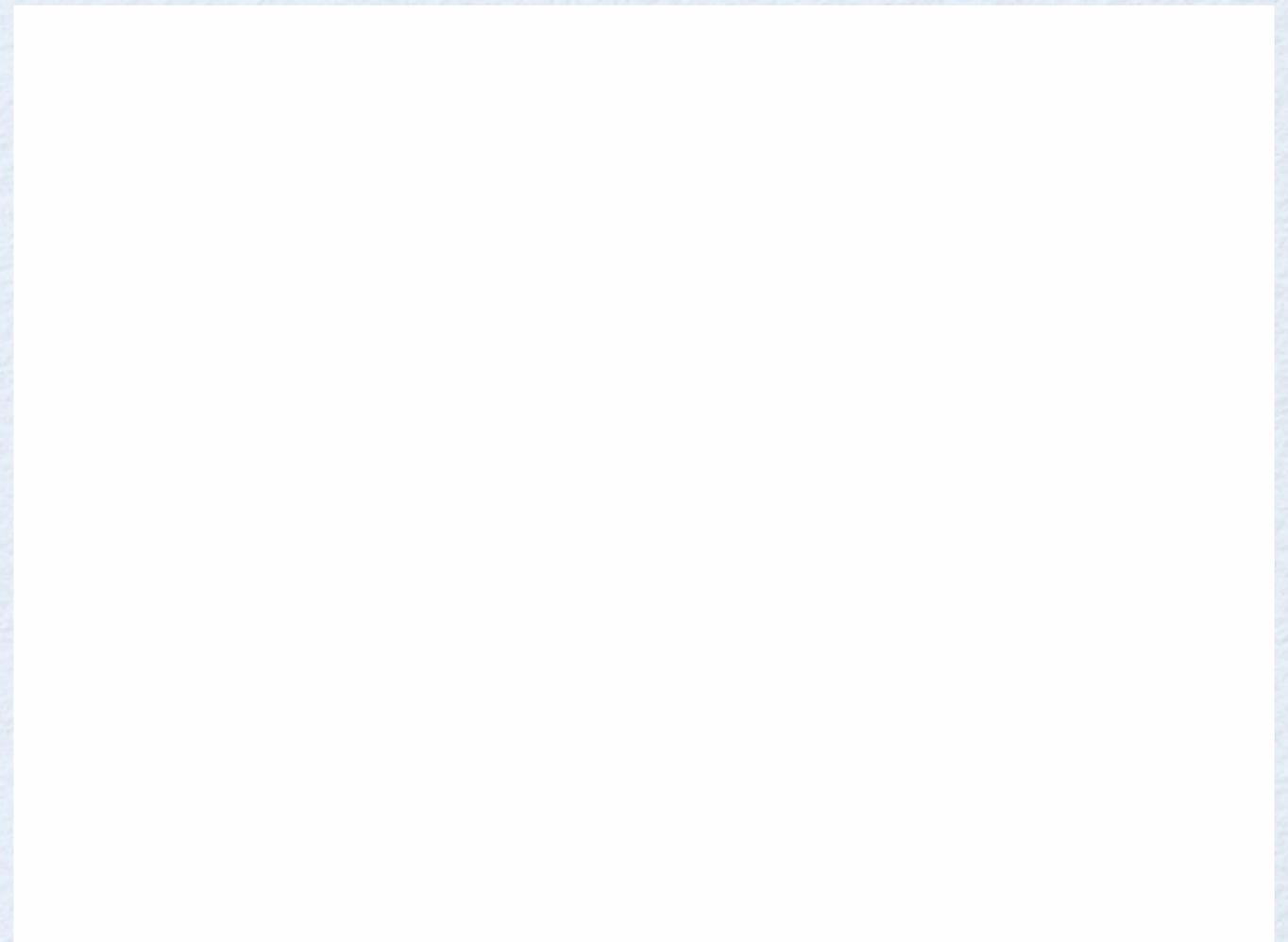
- Specific, identifiable and fairly well understood.
- Characteristic scale, life-cycle, but also interesting variability.
- Imprint can be seen in many observations and some models.
- Climate change, feedback and uncertainty.
- Tropical and Polar specials.

HOW TO DO THIS?



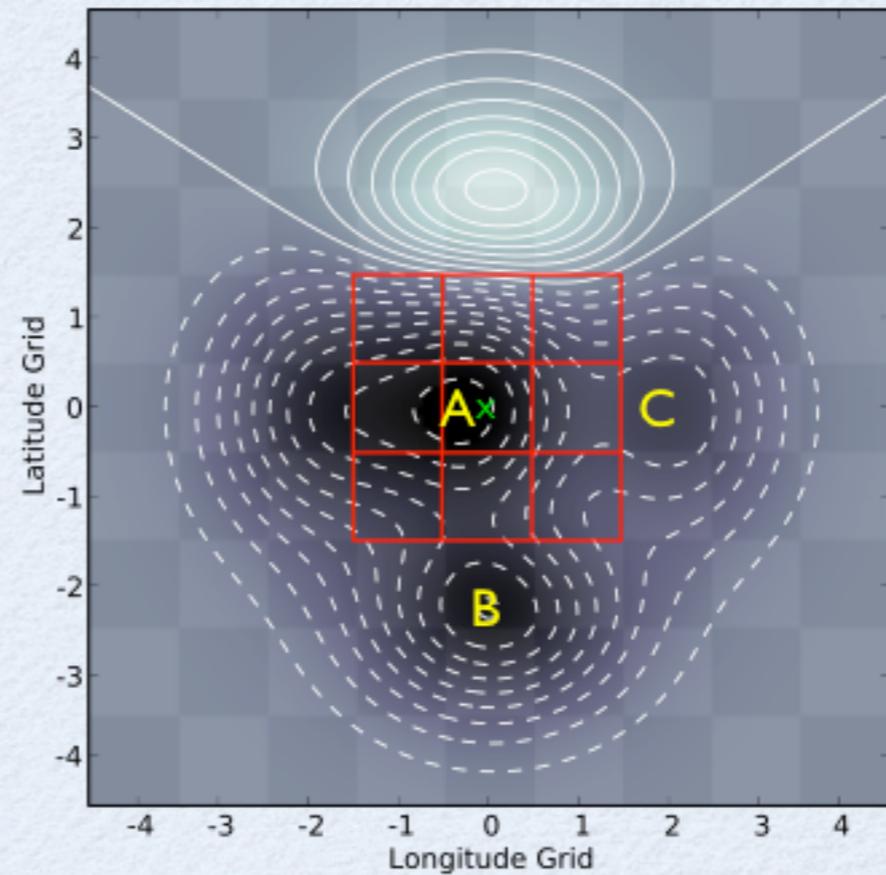
HOW TO DO THIS?

- Locate Cyclones.



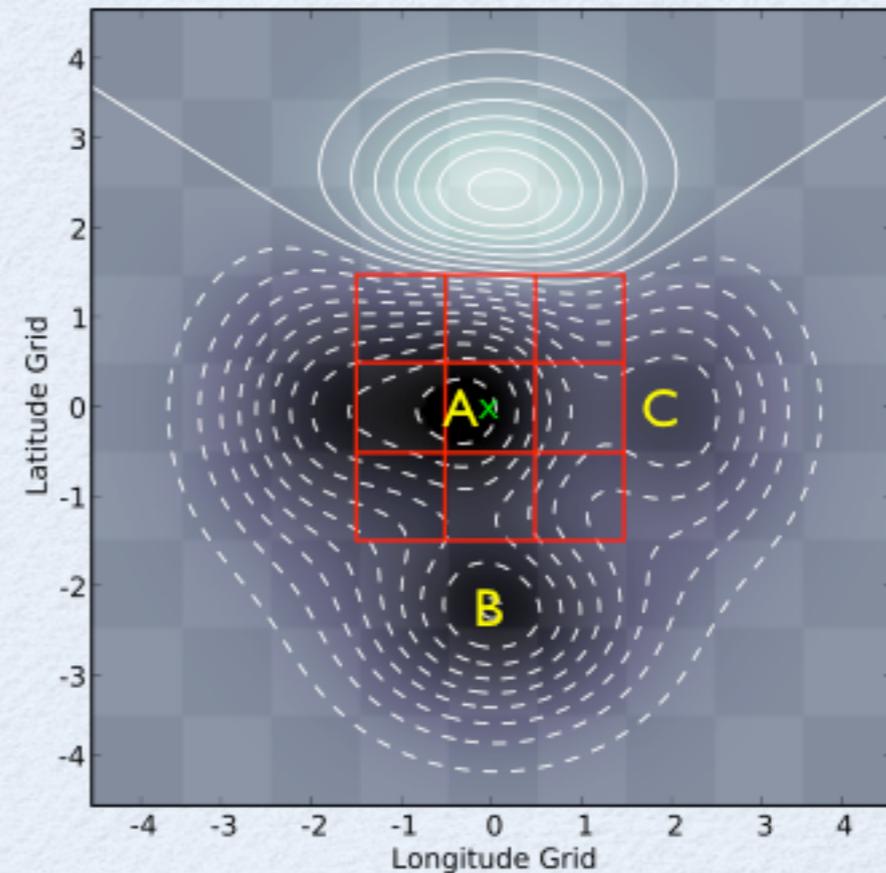
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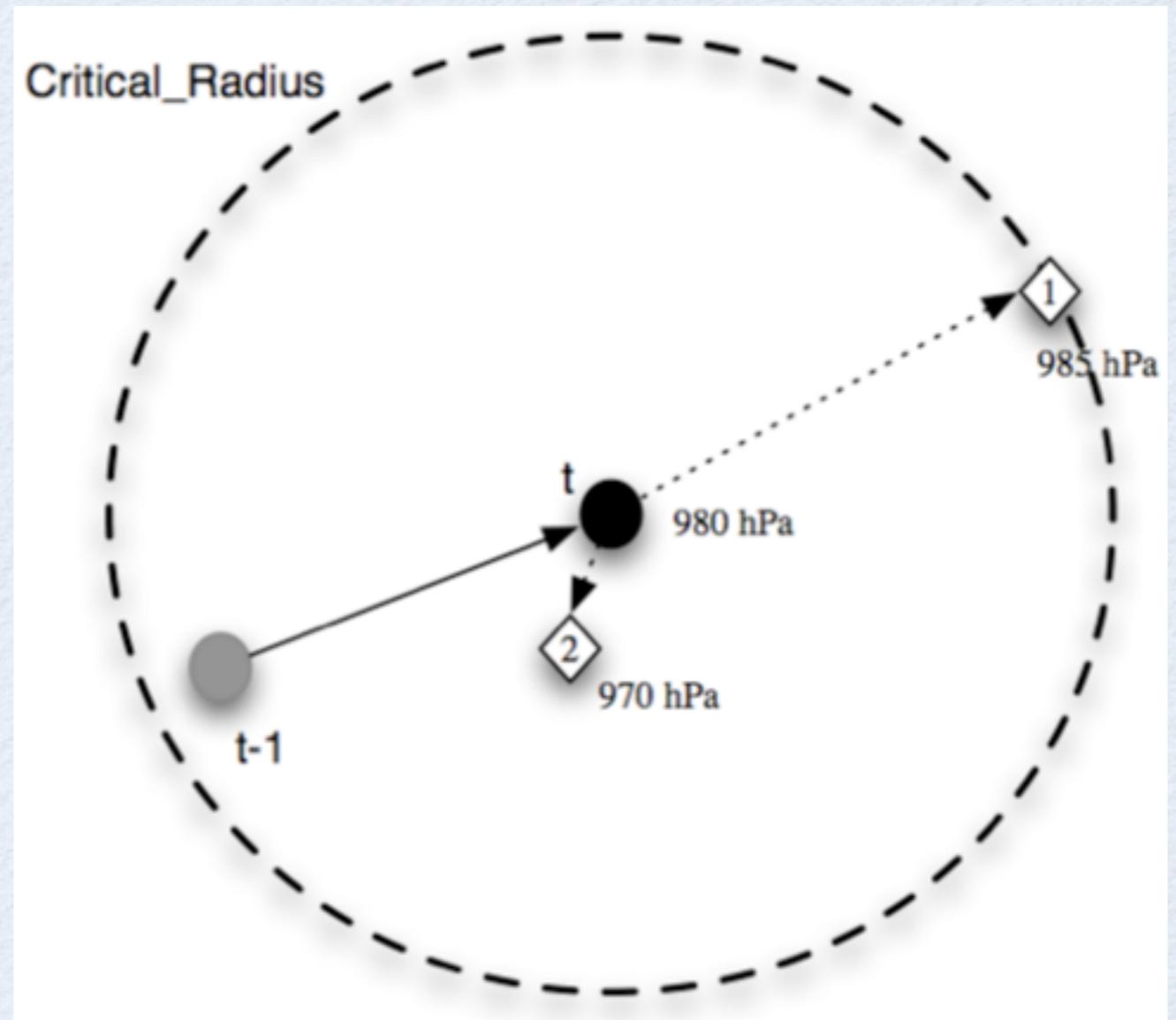
HOW TO DO THIS?

- Locate Cyclones.
- Track Cyclones.



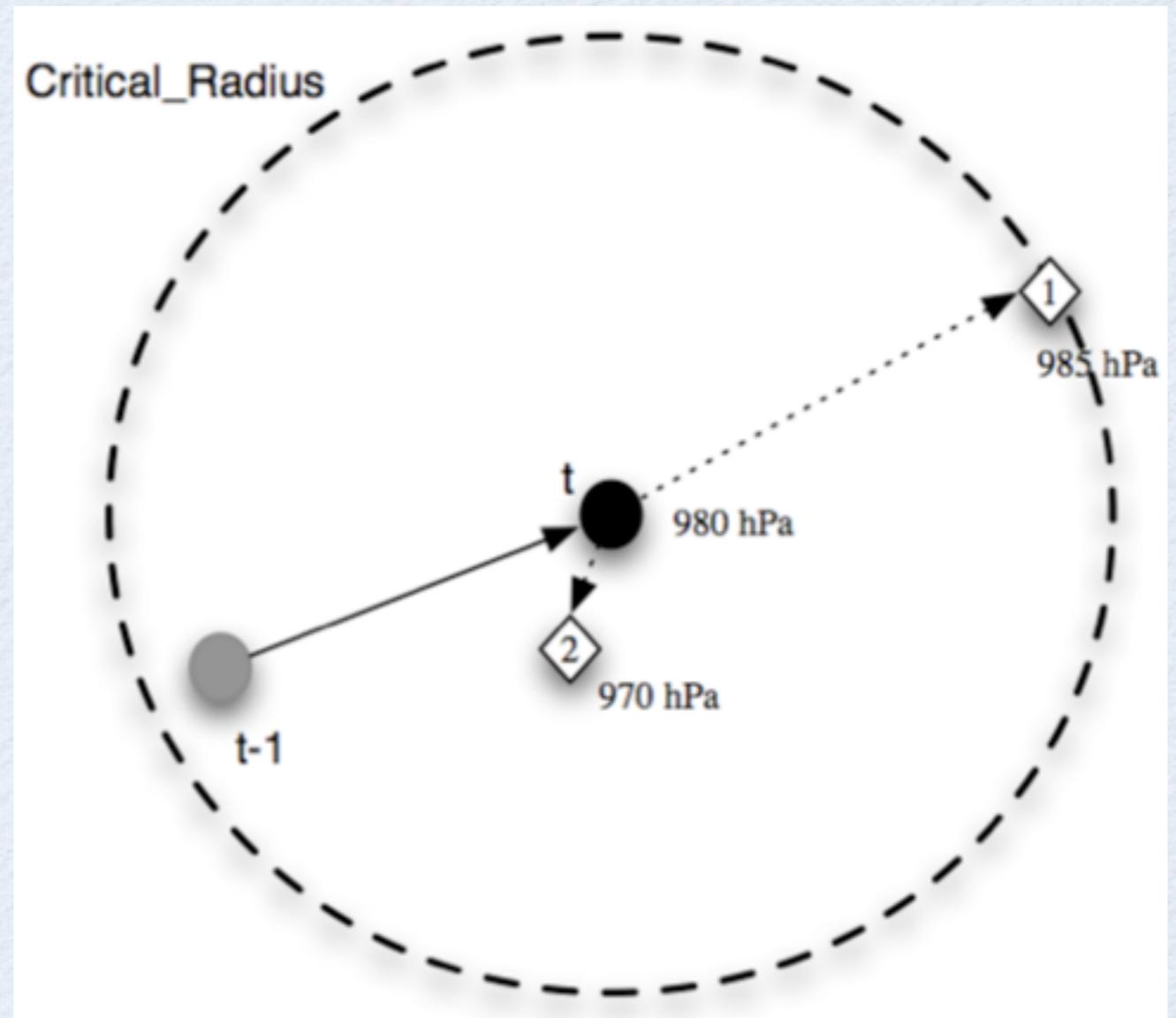
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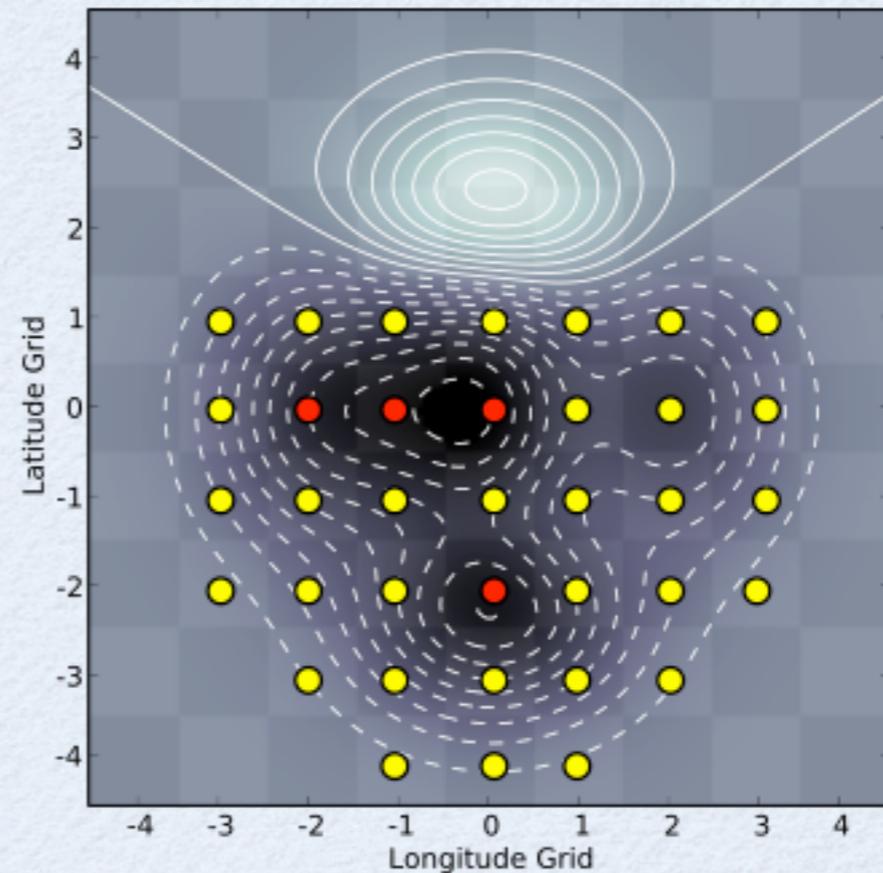
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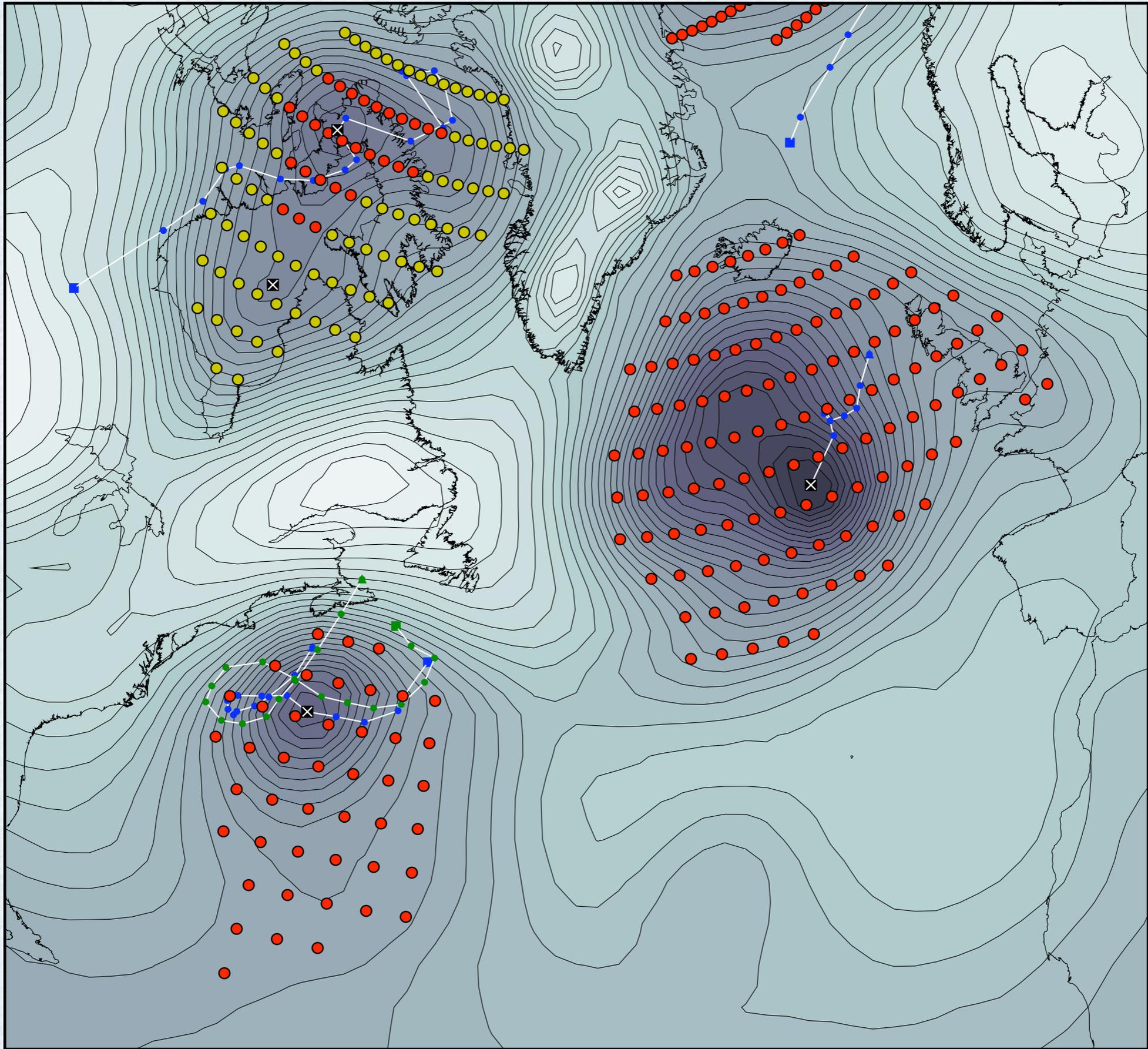
- Locate Cyclones.
- Track Cyclones.
- Delimit Cyclones.



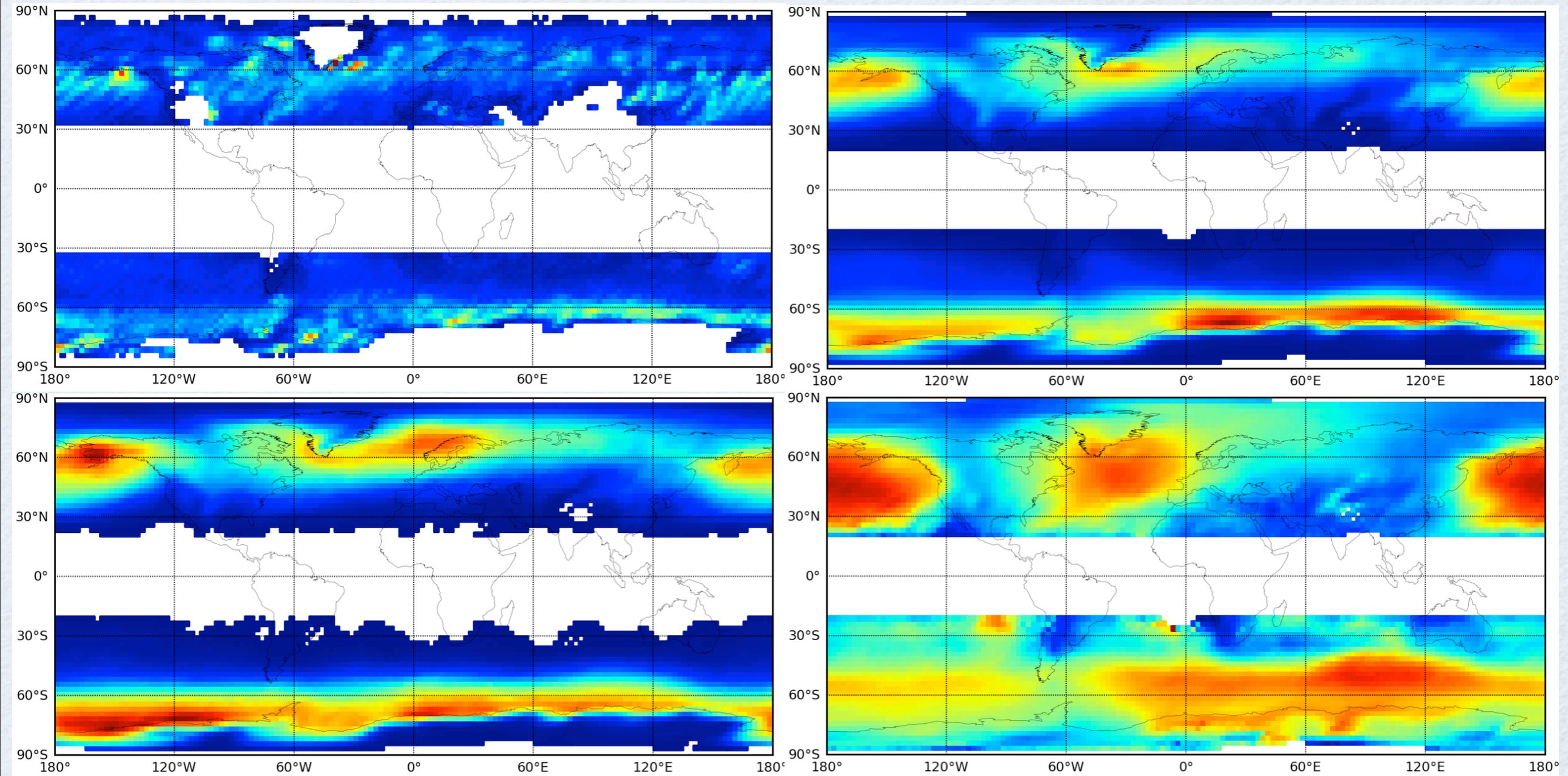
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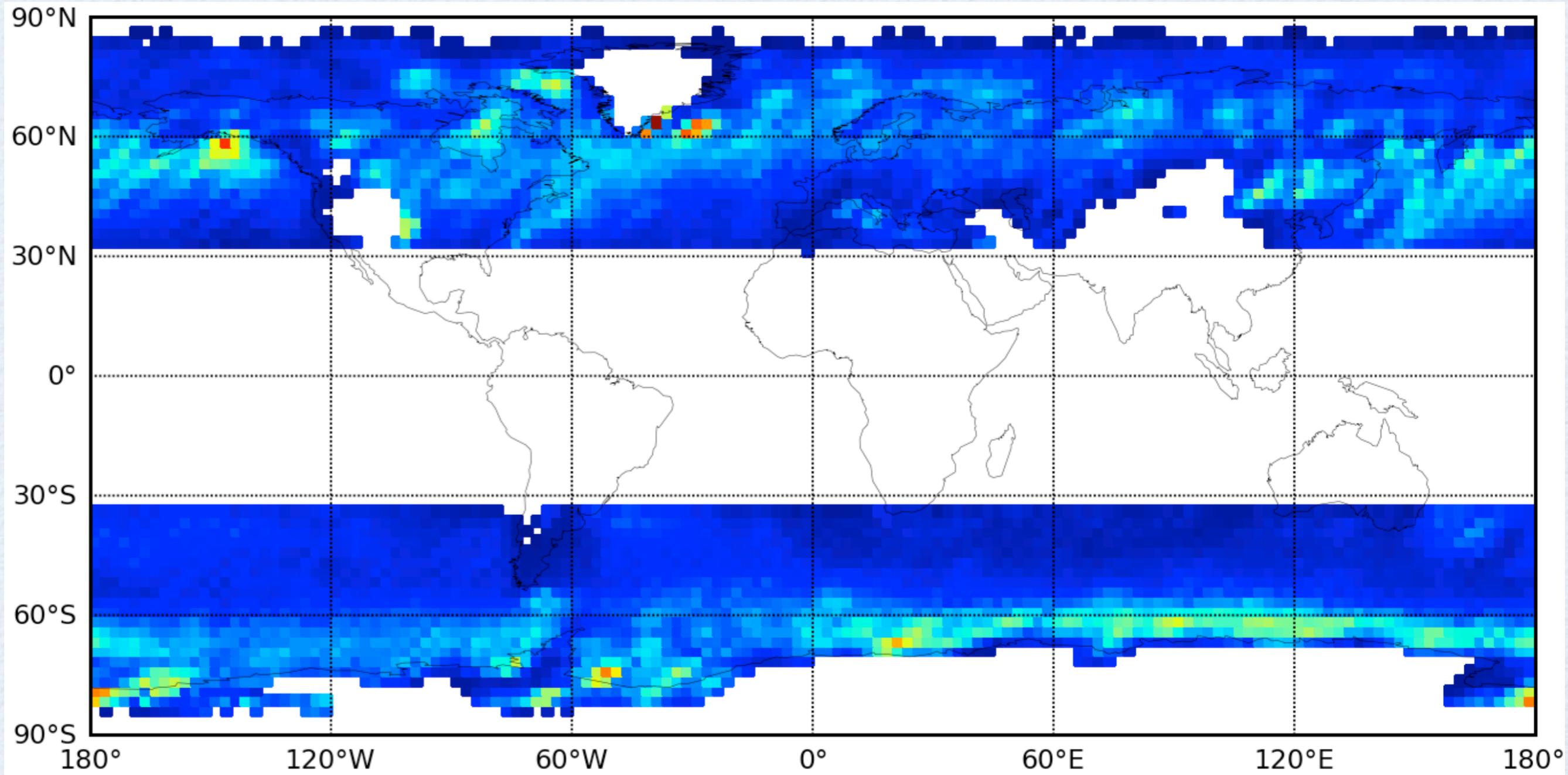




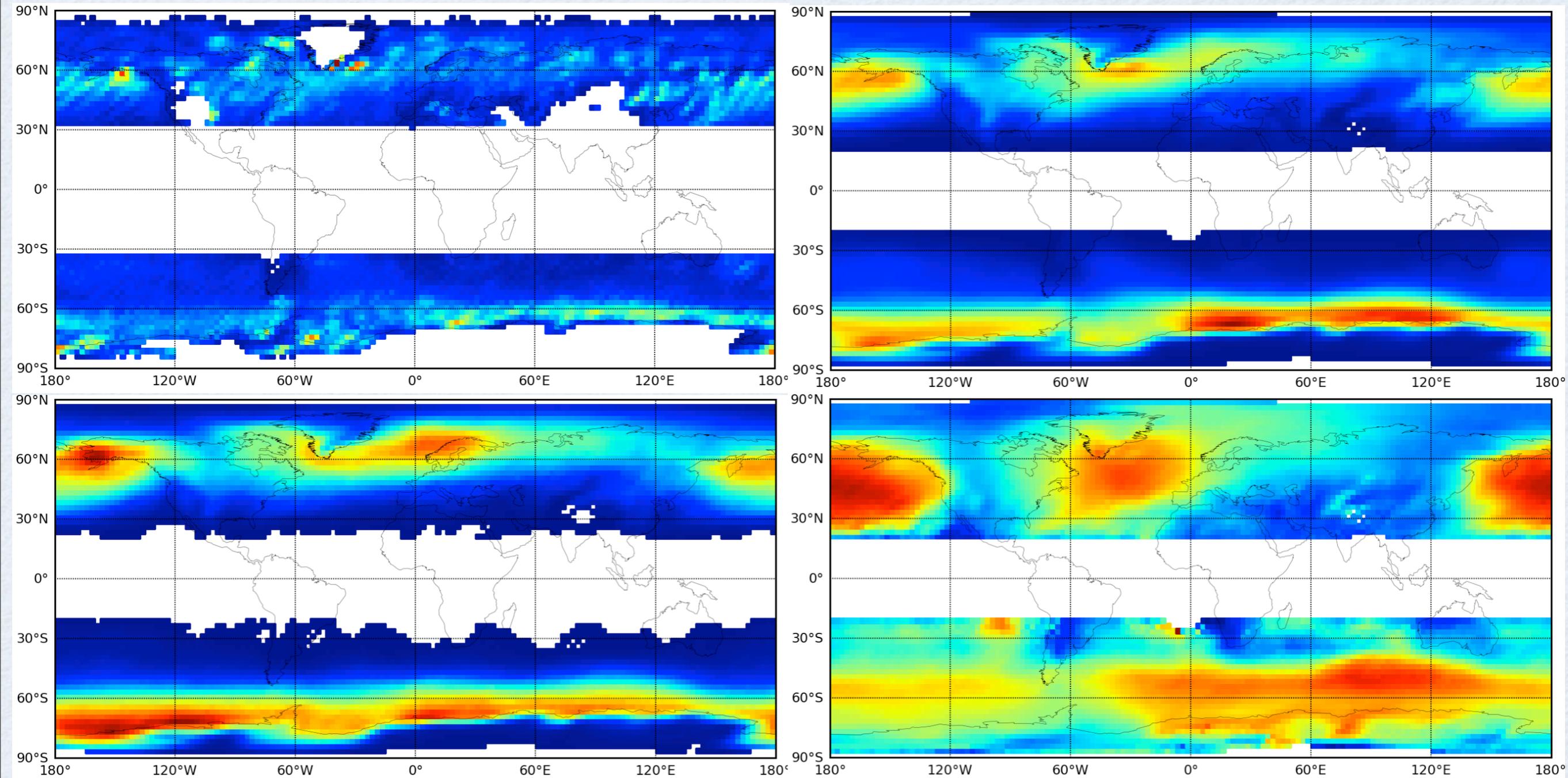
STORMINESS



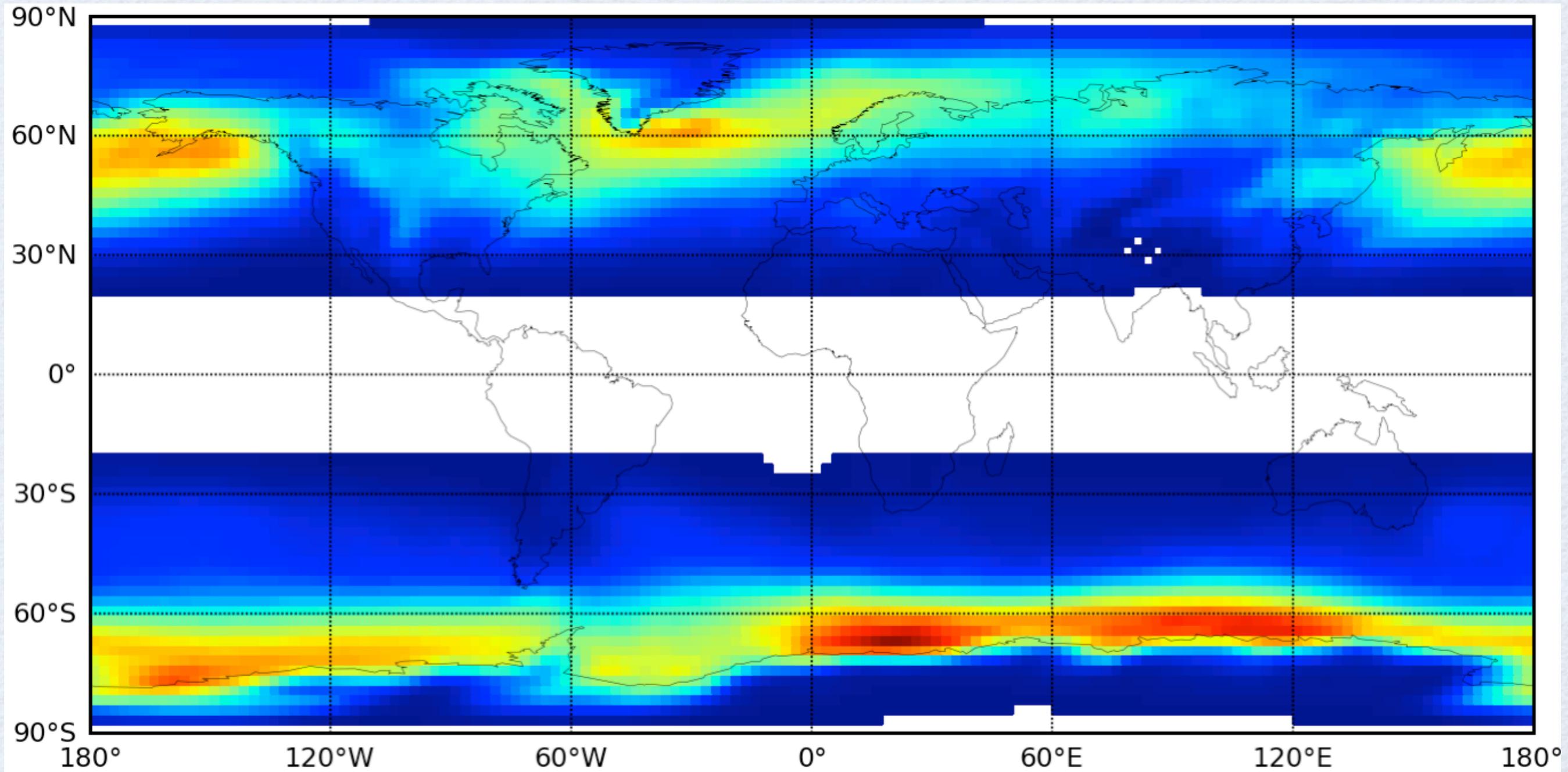
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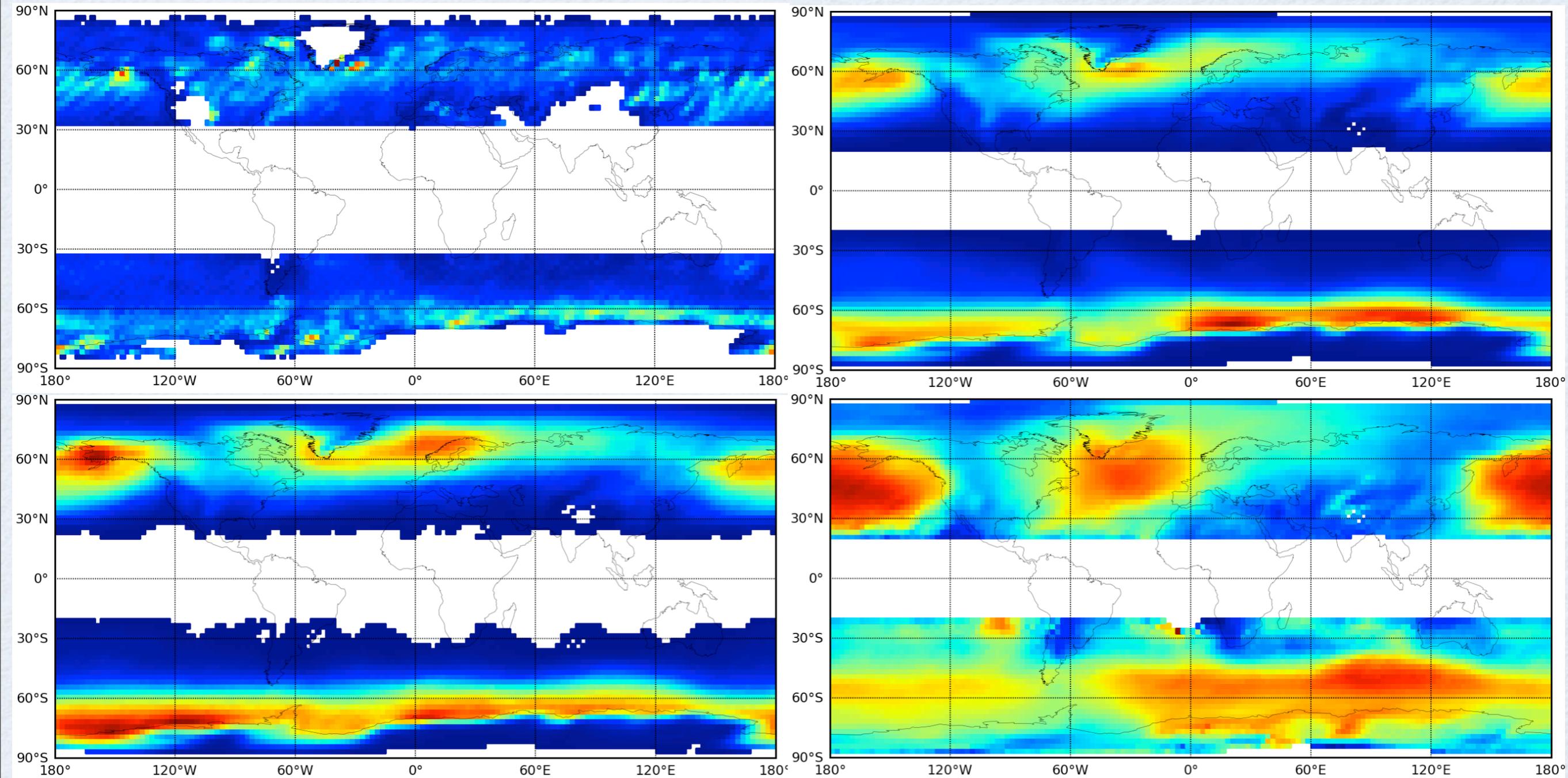
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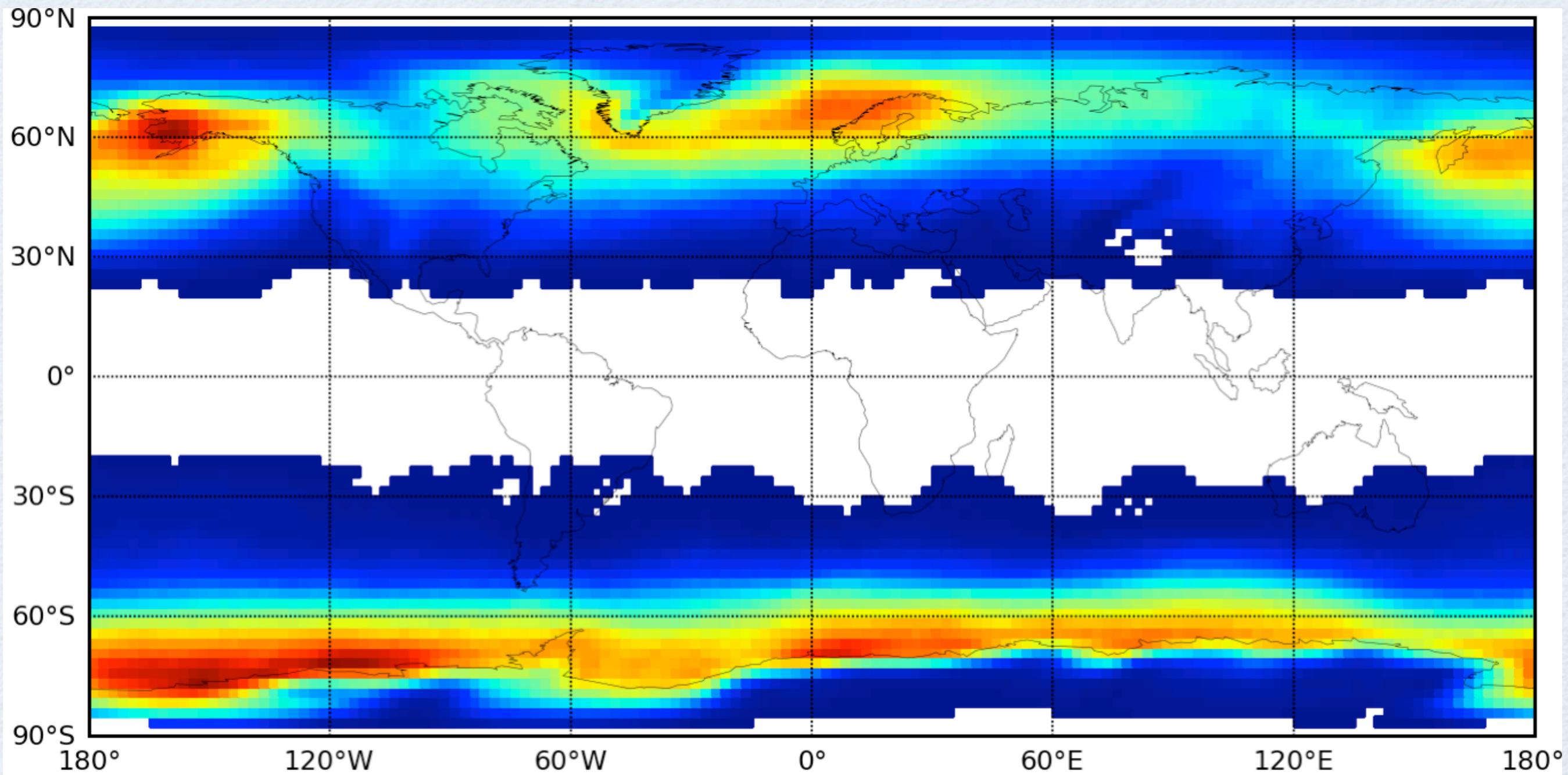
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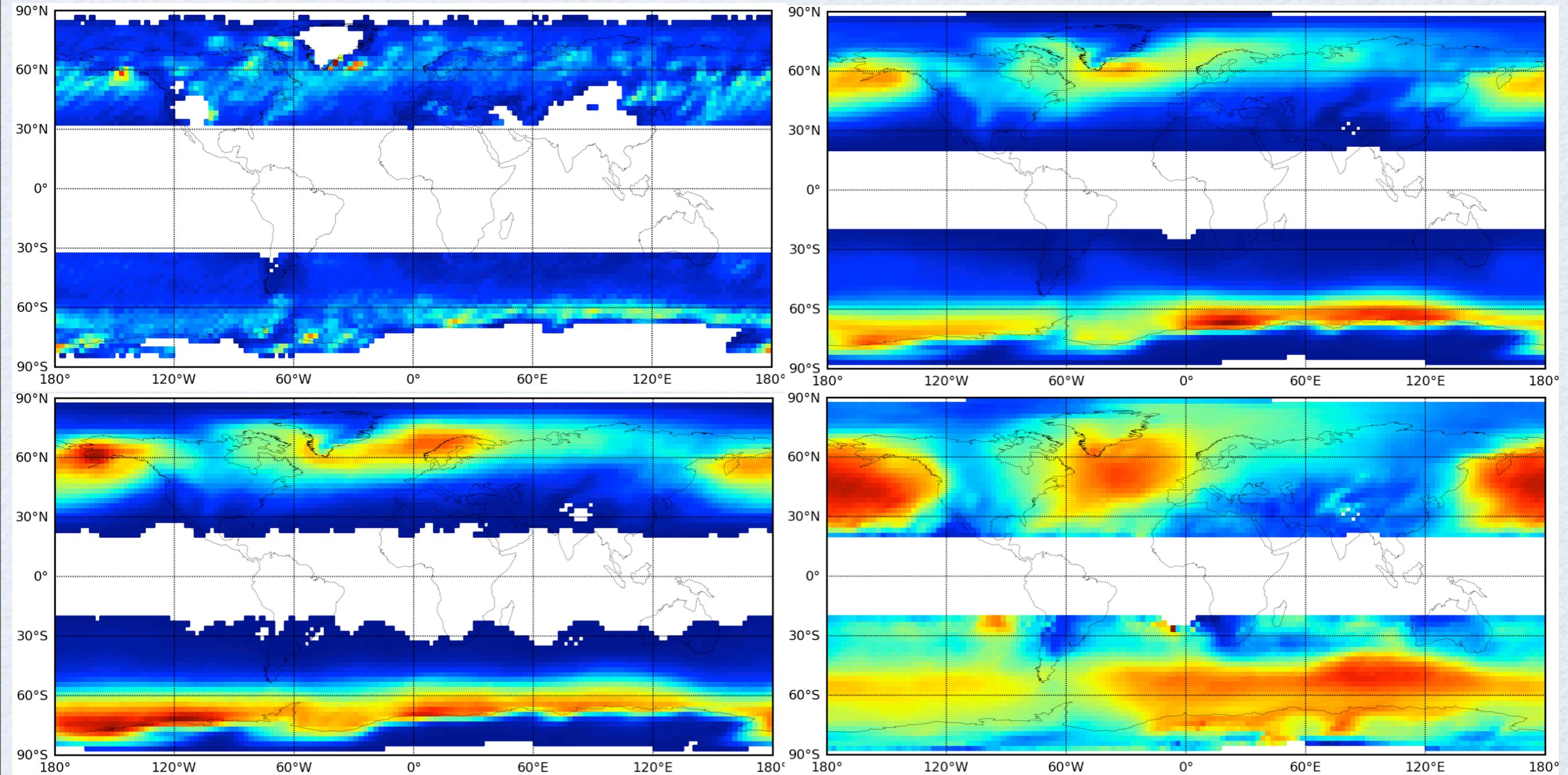
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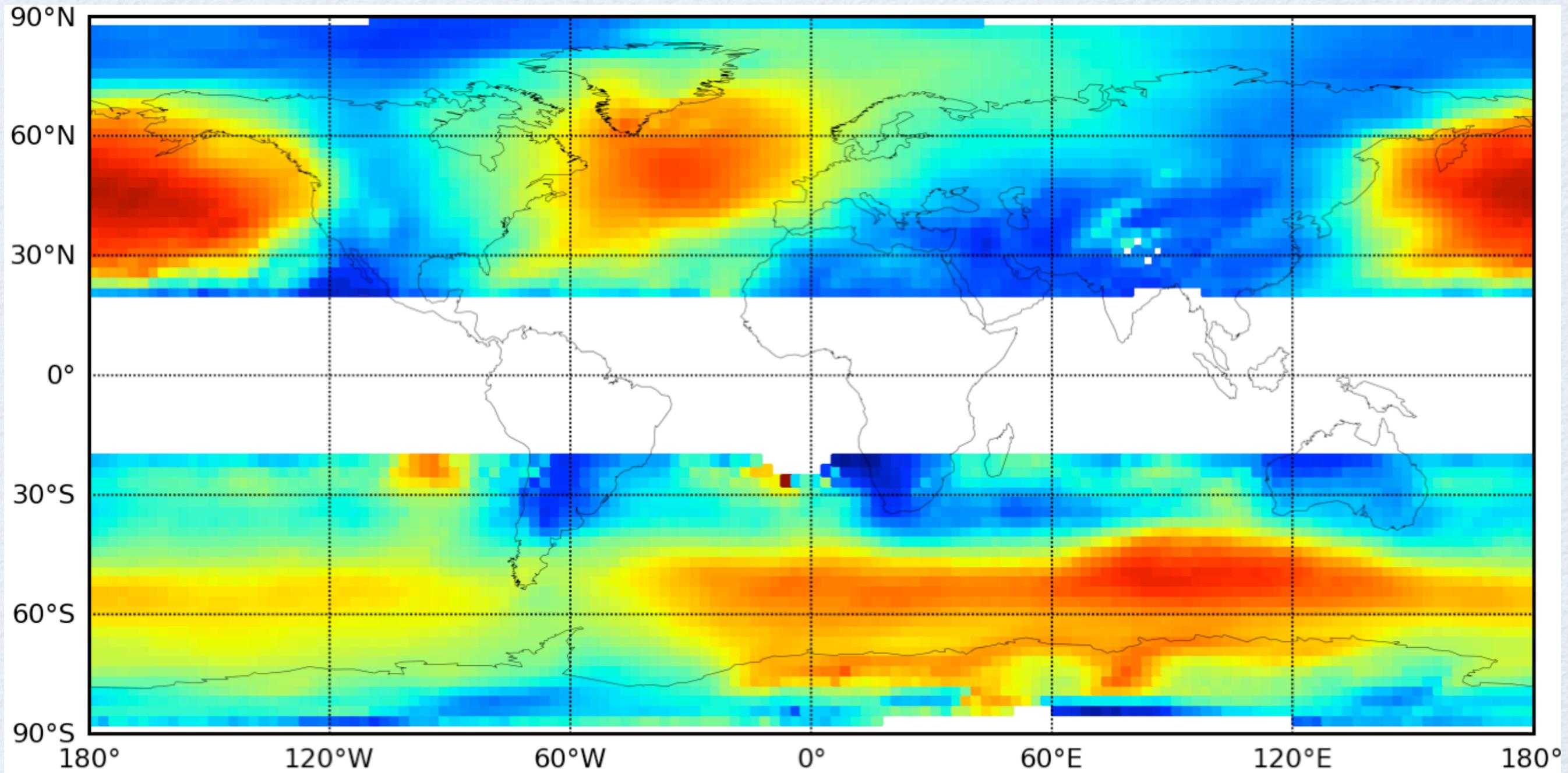
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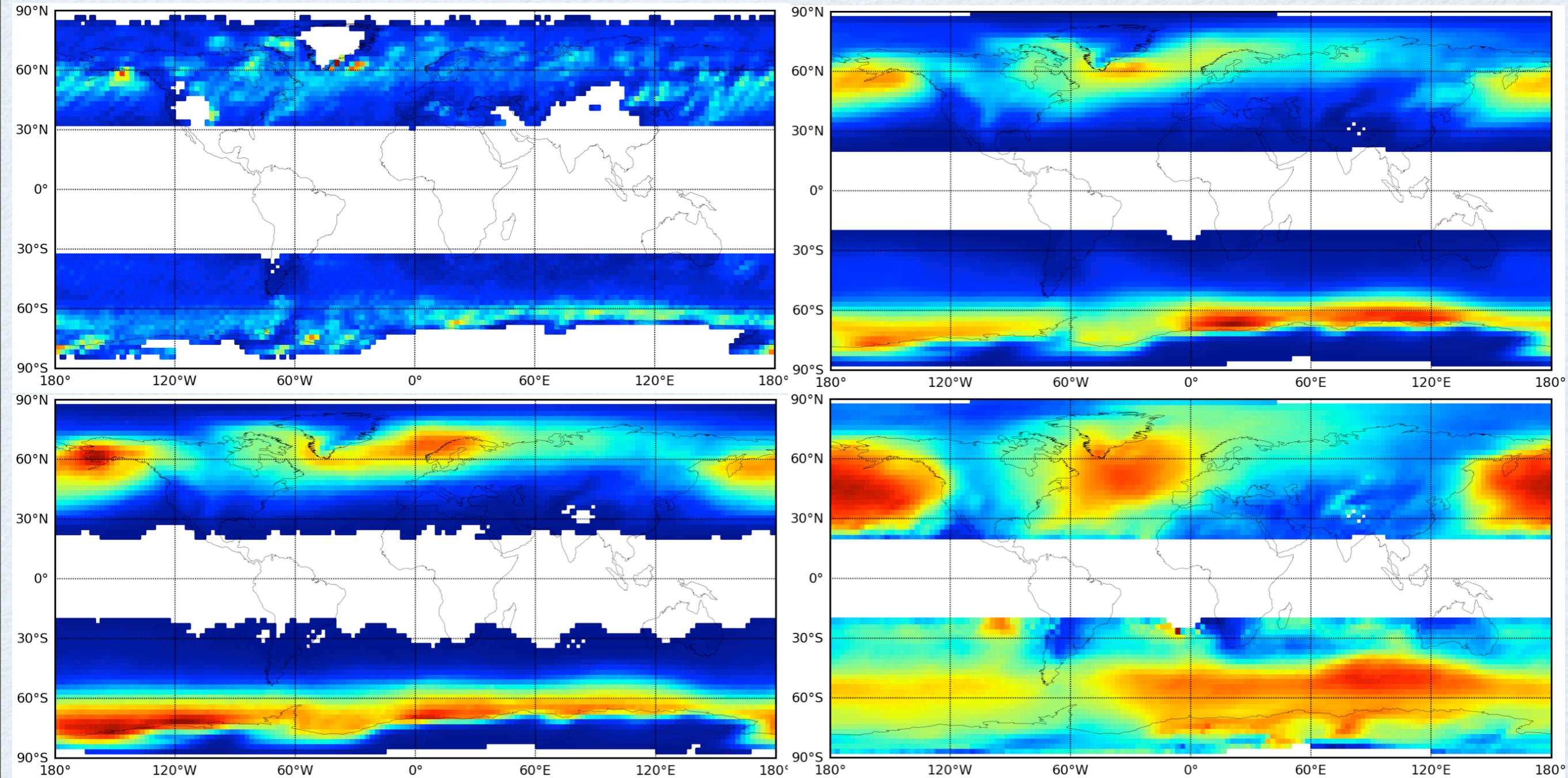
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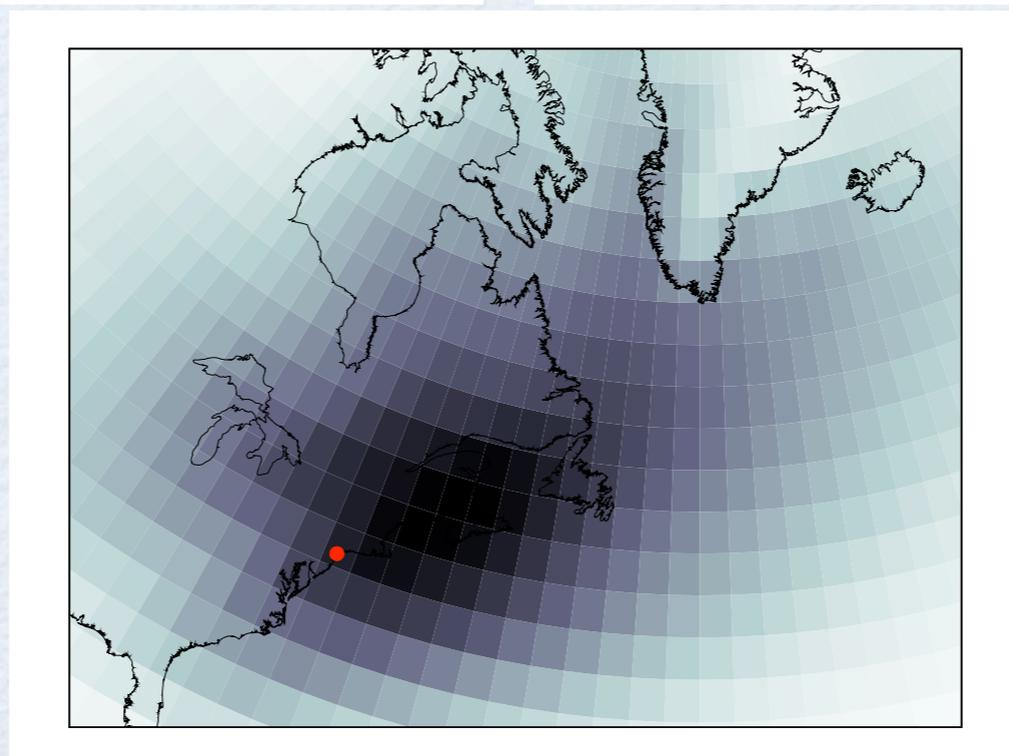
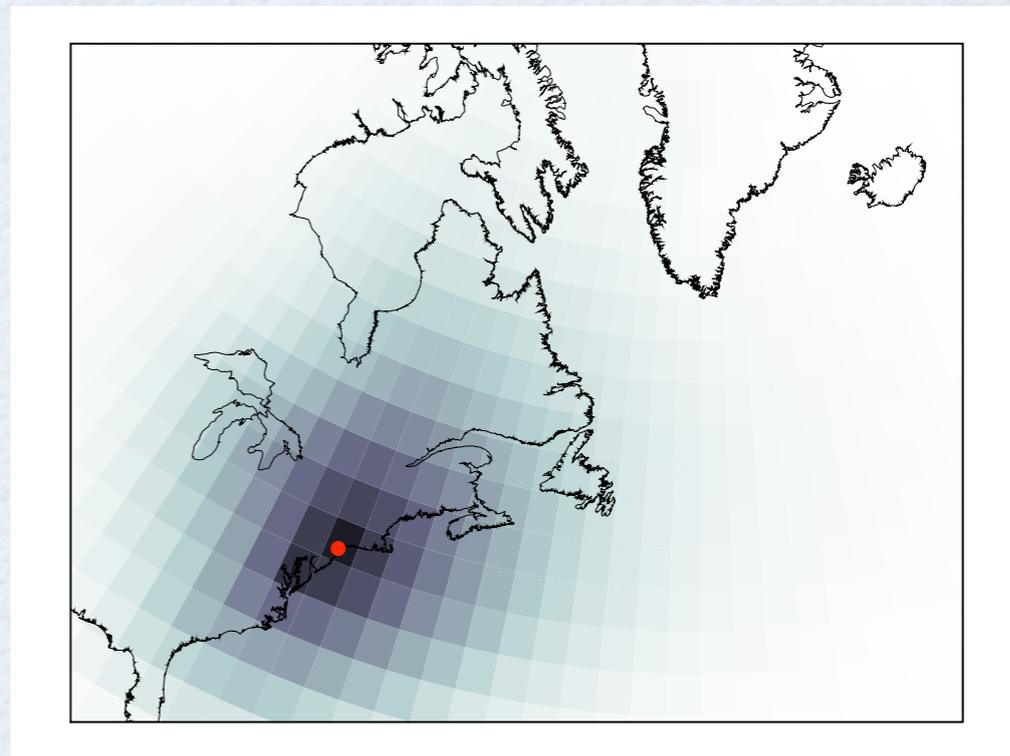
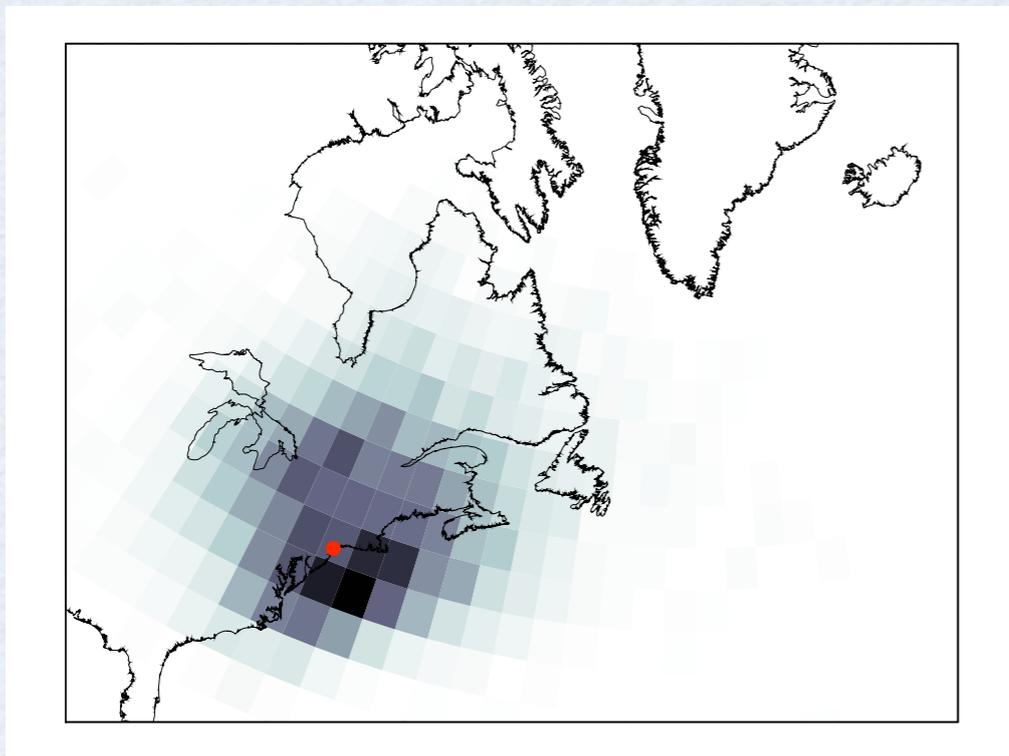
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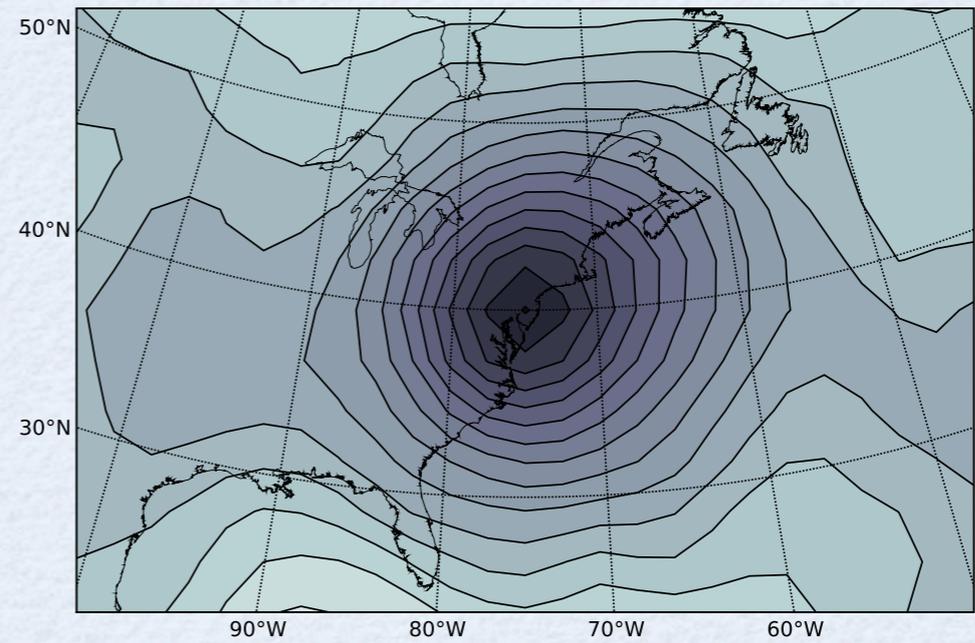
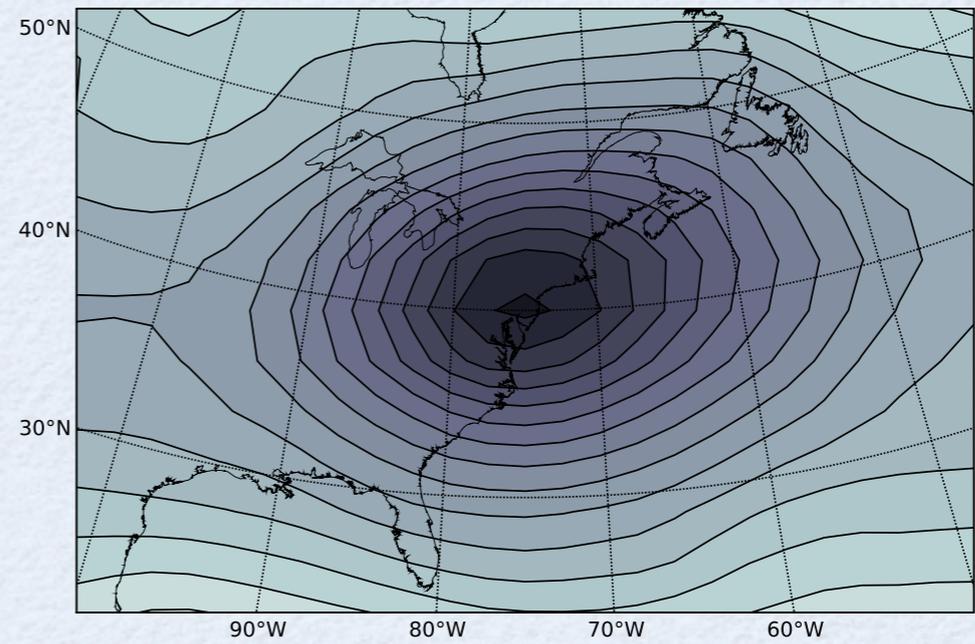
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OTHER USES

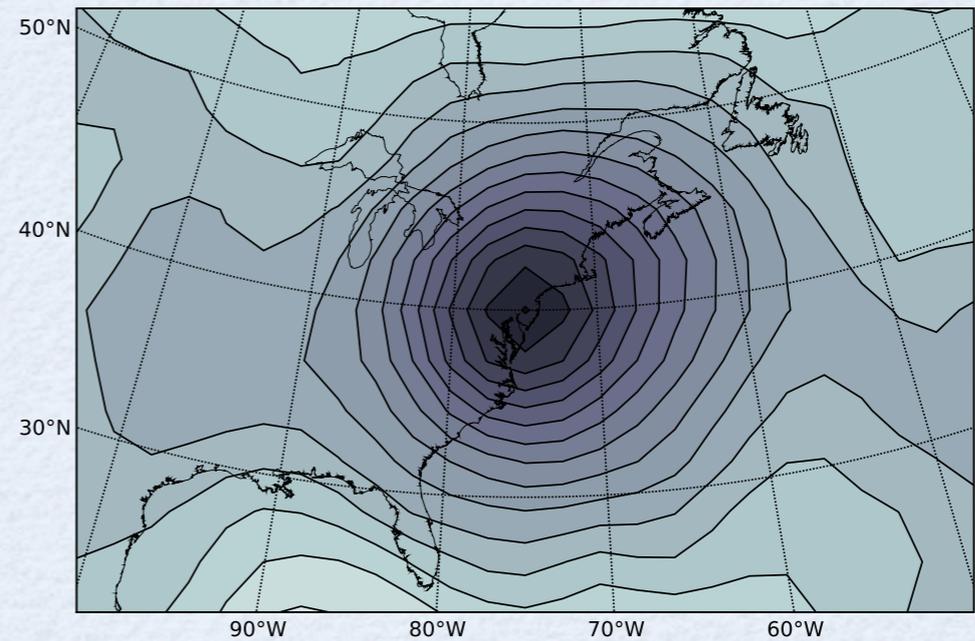
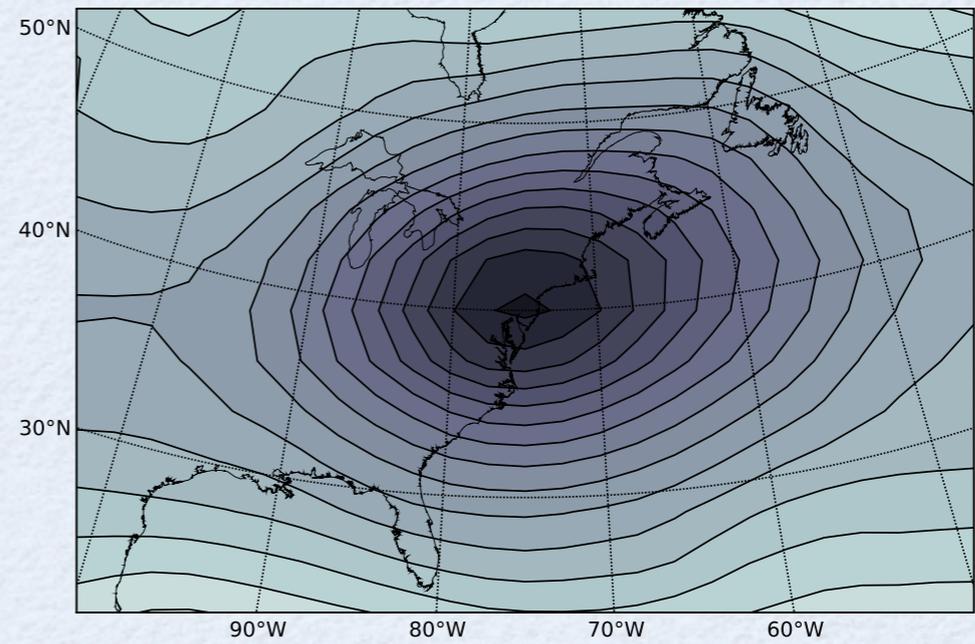


COMPOSITES



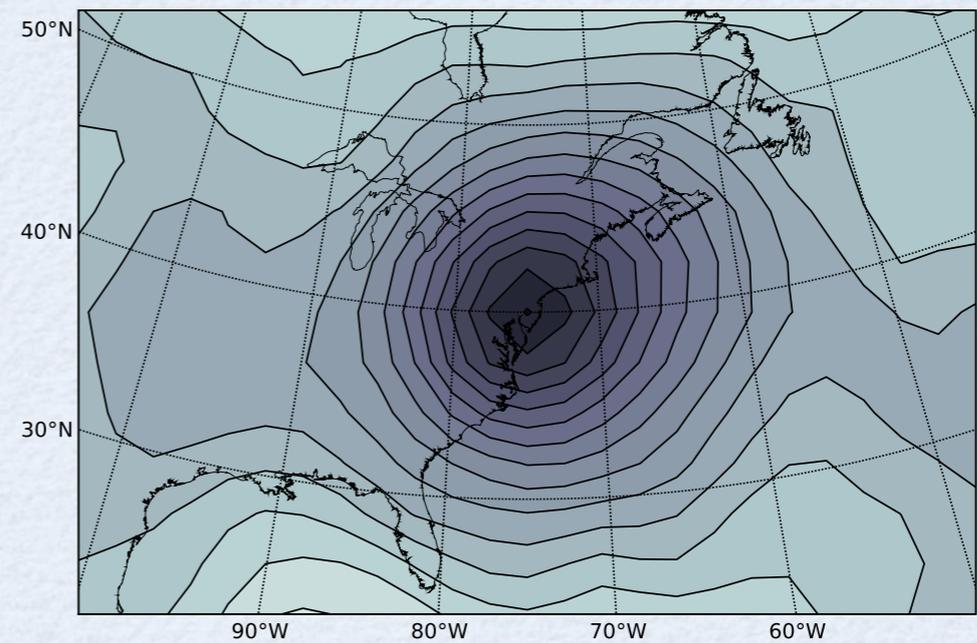
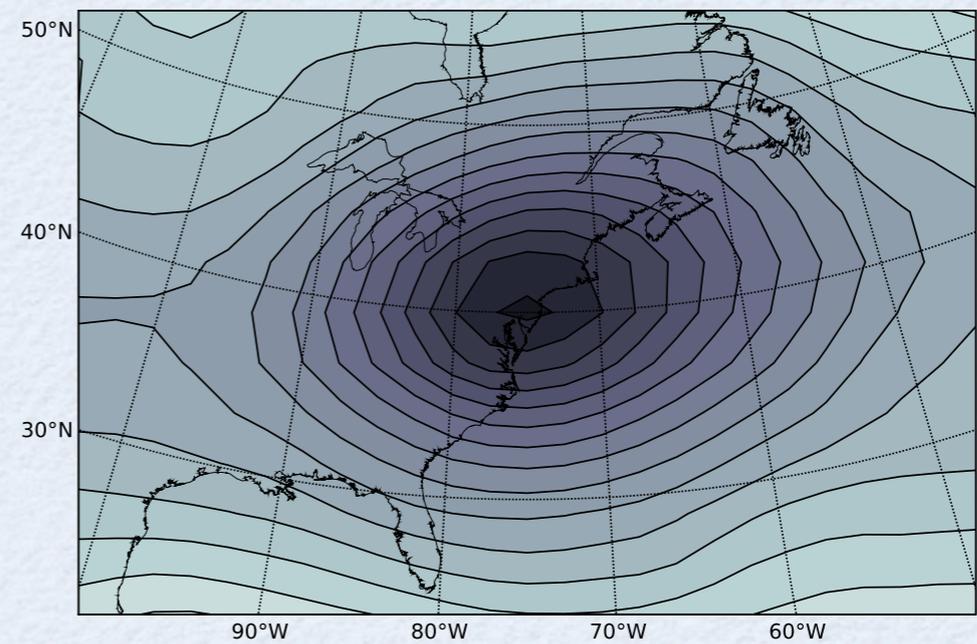
COMPOSITES

- Fixed Box



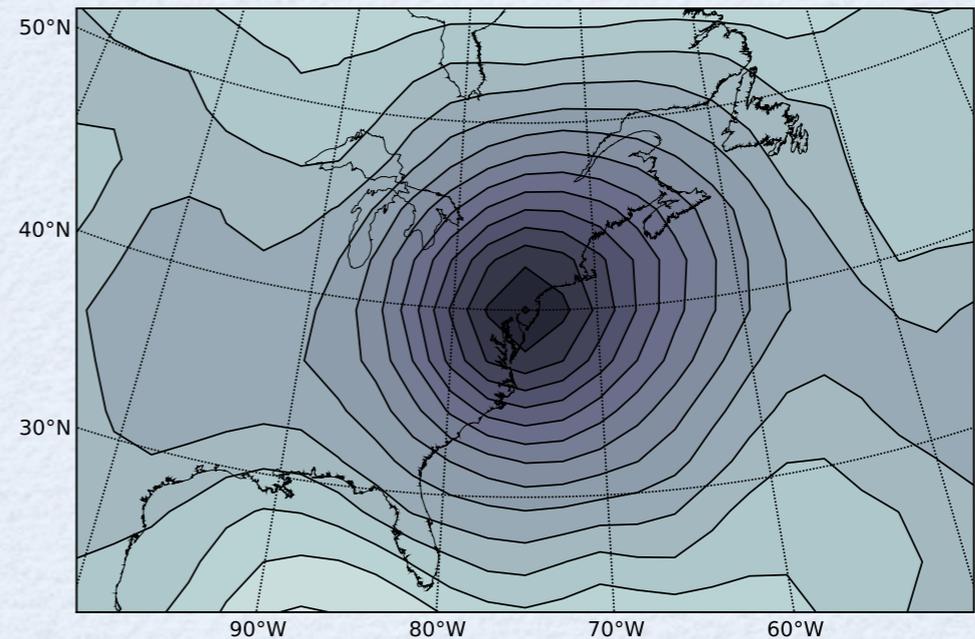
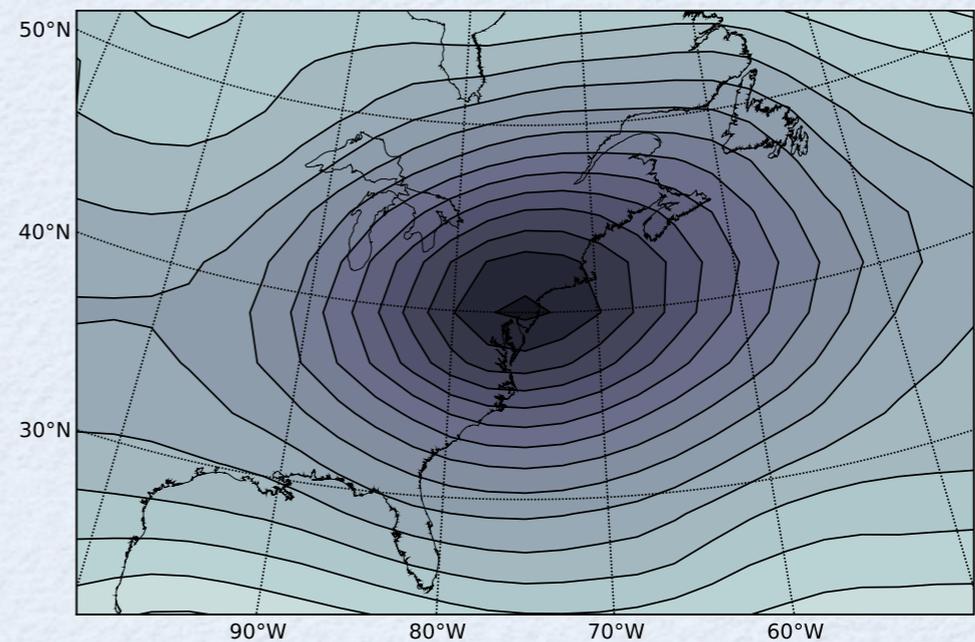
COMPOSITES

- Fixed Box
- Cyclones vary in size and shape



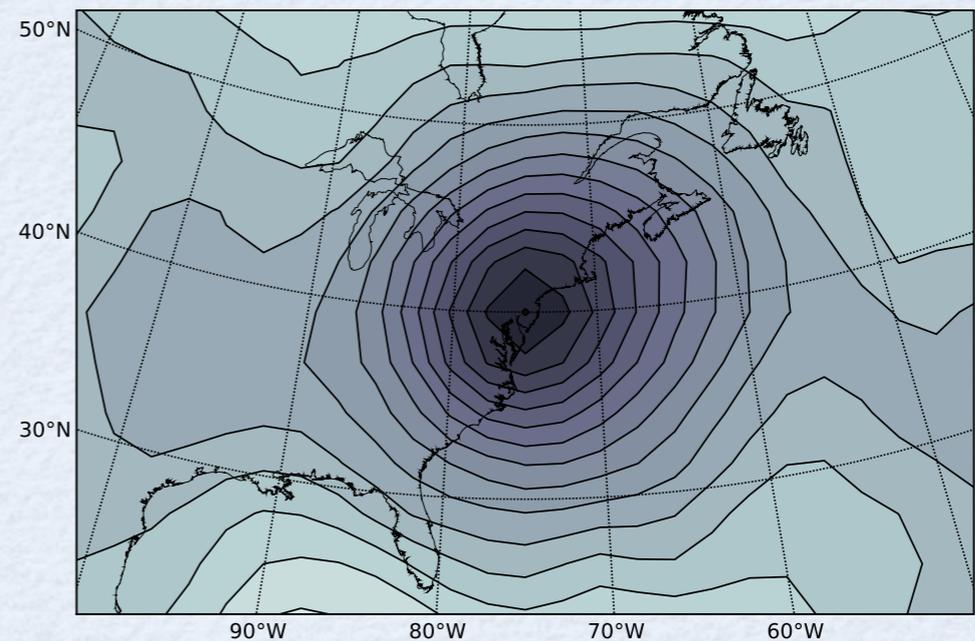
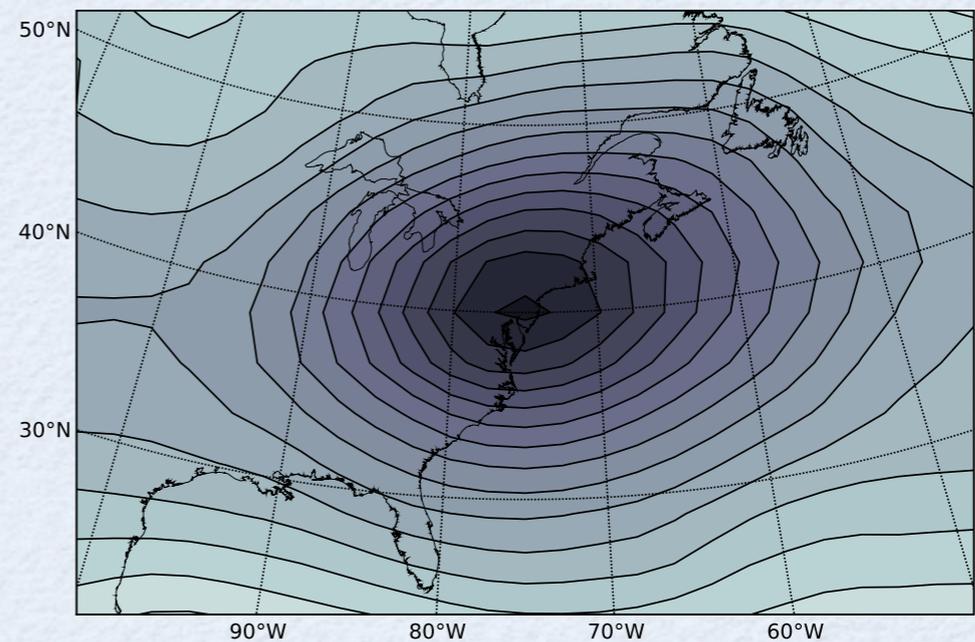
COMPOSITES

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- Projection



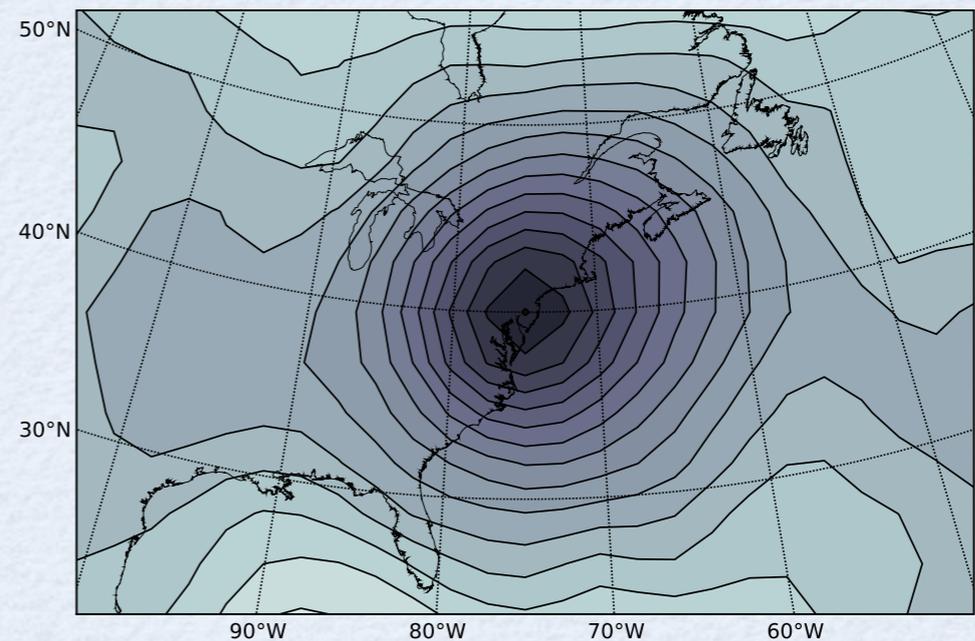
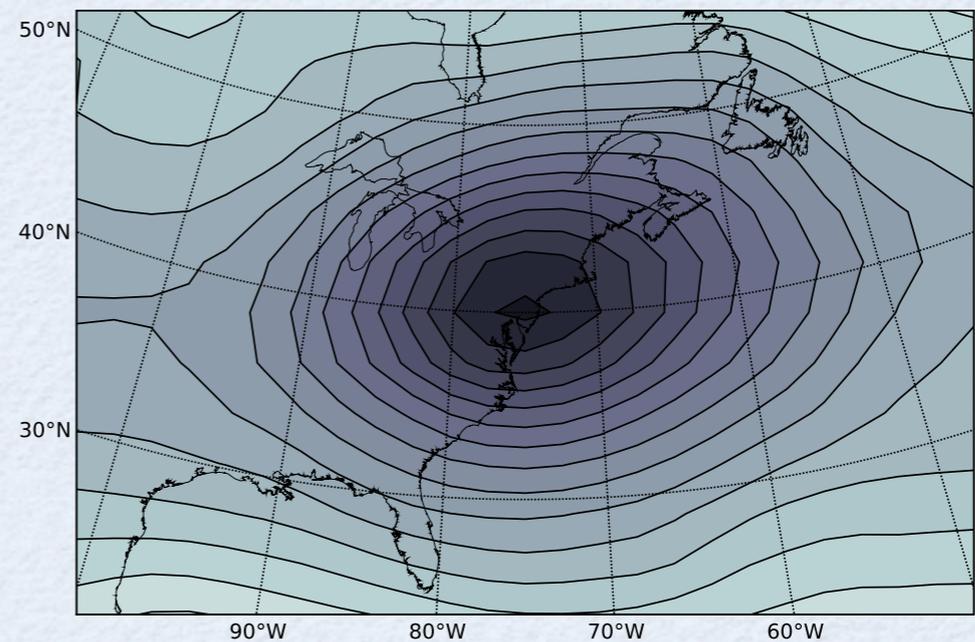
COMPOSITES

- Fixed Box
 - Cyclones vary in size and shape
- Projection
 - Cyclones not always isolated



COMPOSITES

- Fixed Box
 - Cyclones vary in size and shape
- Projection
 - Cyclones not always isolated
- Attribution



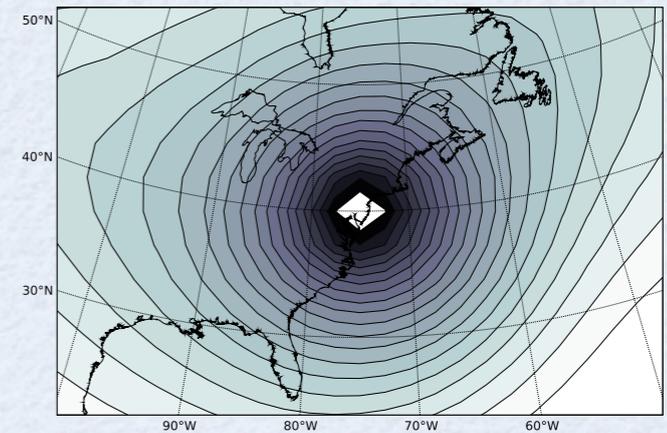
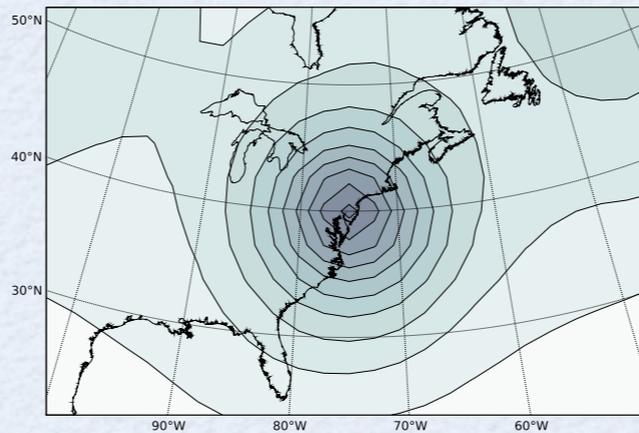
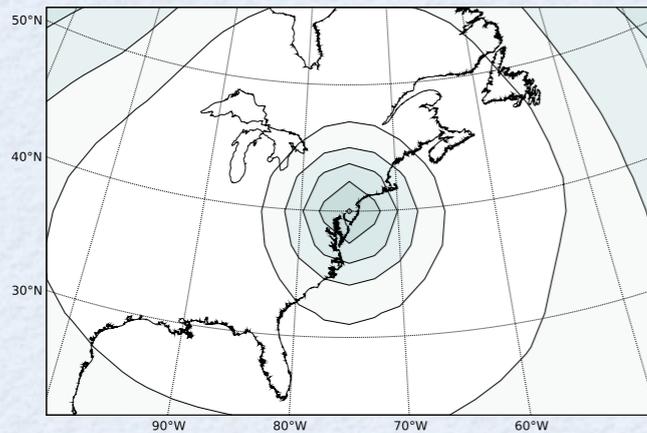
CYCLONE VARIATION

Weak

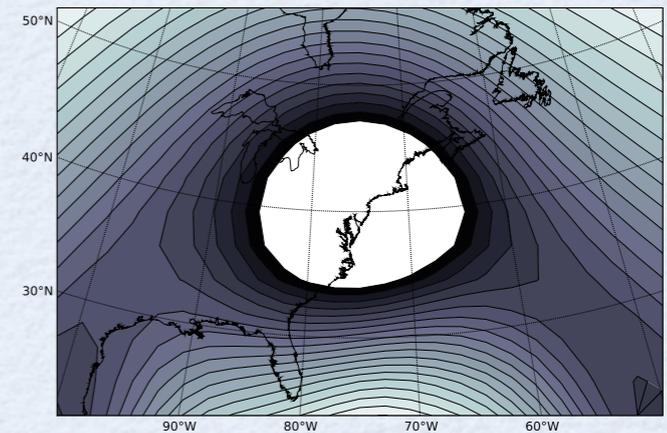
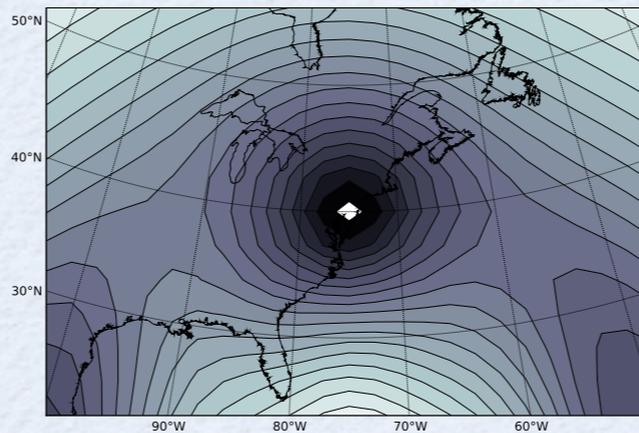
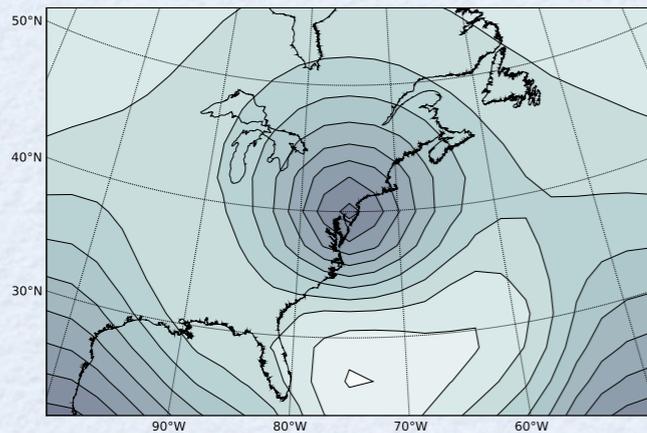
Moderate

Strong

NH
DJF



SH
JJA

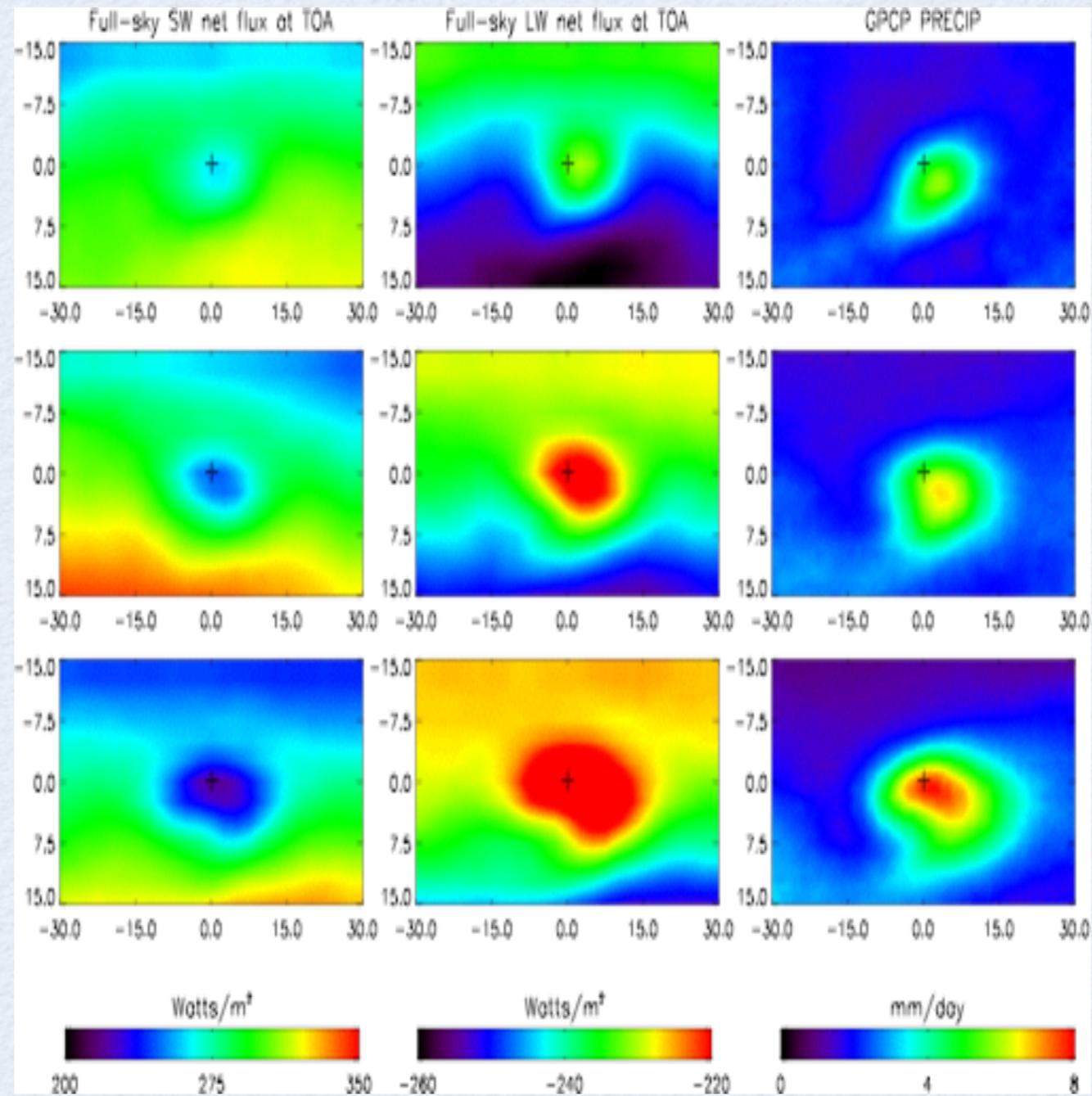


FIELD GUIDE TO EXTRA-TROPICAL CYCLONES

Weak

Moderate

Strong



MLCIMS

The letters 'MLCIMS' are rendered in a large, bold, serif font. Each letter is filled with a color gradient that transitions from red on the left to blue on the right. Overlaid on this gradient is a black contour map, which appears to be a topographic or meteorological map of a region, possibly the North Atlantic or Europe. The contours are thin black lines that follow the shape of the letters.

The MAP Climatology of Mid-Latitude Storminess