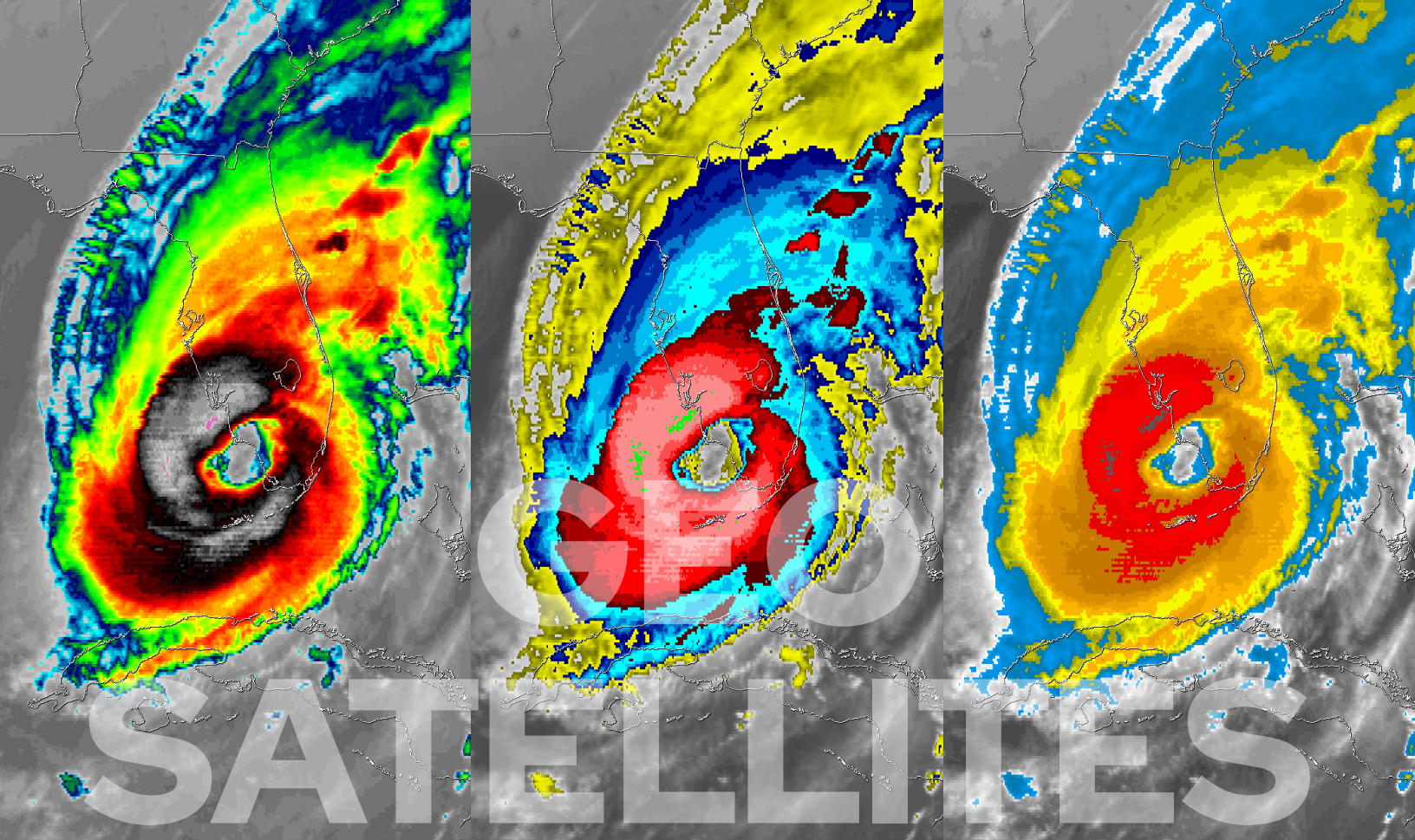# GEOSTATIONARY SATELLITES

Geostationary weather satellites are an essential part of the US weather prediction system. By providing rapid and high-resolution data for our entire hemisphere, forecasters are able to predict dangerous weather conditions that impact communities and commerce.

Rapid data

Geostationary weather satellites provide around-the-clock coverage of the entire US and beyond. Continuous coverage helps track hurricanes days in advance, rapidly alerts emergency responders to new wildfires, and provides advanced notice of severe weather and aviation safety risks.

More than a picture

Geo satellites provide in-depth information on water vapor, clouds, and winds. These details are essential for forecasters to peer through clouds and the atmosphere to predict severe weather conditions.

Protecting industry

Accurate forecasts are essential to protecting industry like aviation, shipping, transportation, agriculture, and infrastructure.

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