

Tropical Desk Presentation

Nortes event in Mexico

Presenter: Gilbert Miller
Country: Cayman Islands
Cayman Islands National Weather Service

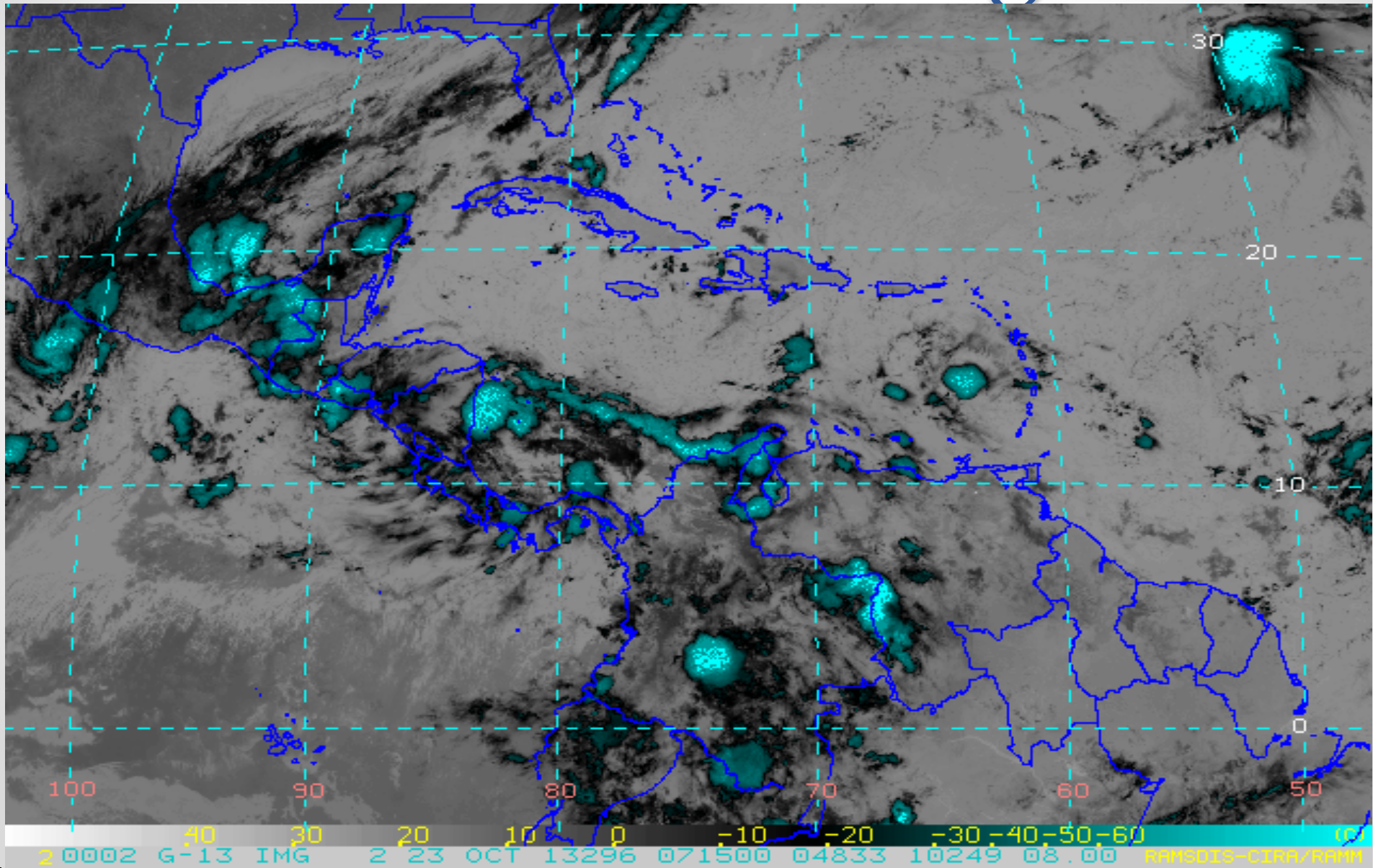
Main Task of the Tropical Desk

- Interpretation of Satellite Image
- Streamline Analysis
 - 850mb, 500mb, 250mb

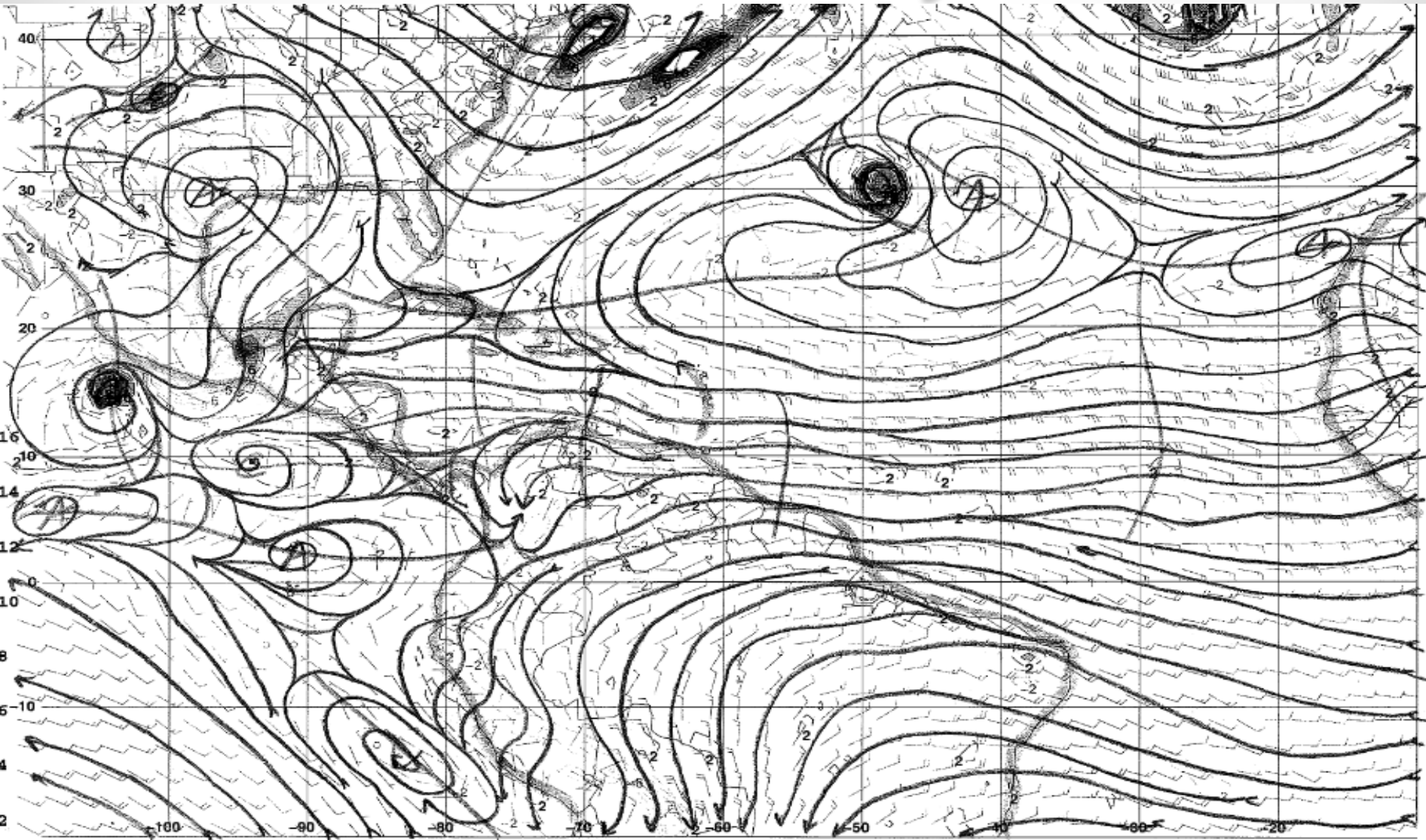
Model Interpretation using Wingrids

- Cross Section analysis
- Rainfall Model Interpretation
 - GFS, ECMWF, UK Met
- Production of 3 Day QPF Charts

IR Satellite Image



850mb Analysis

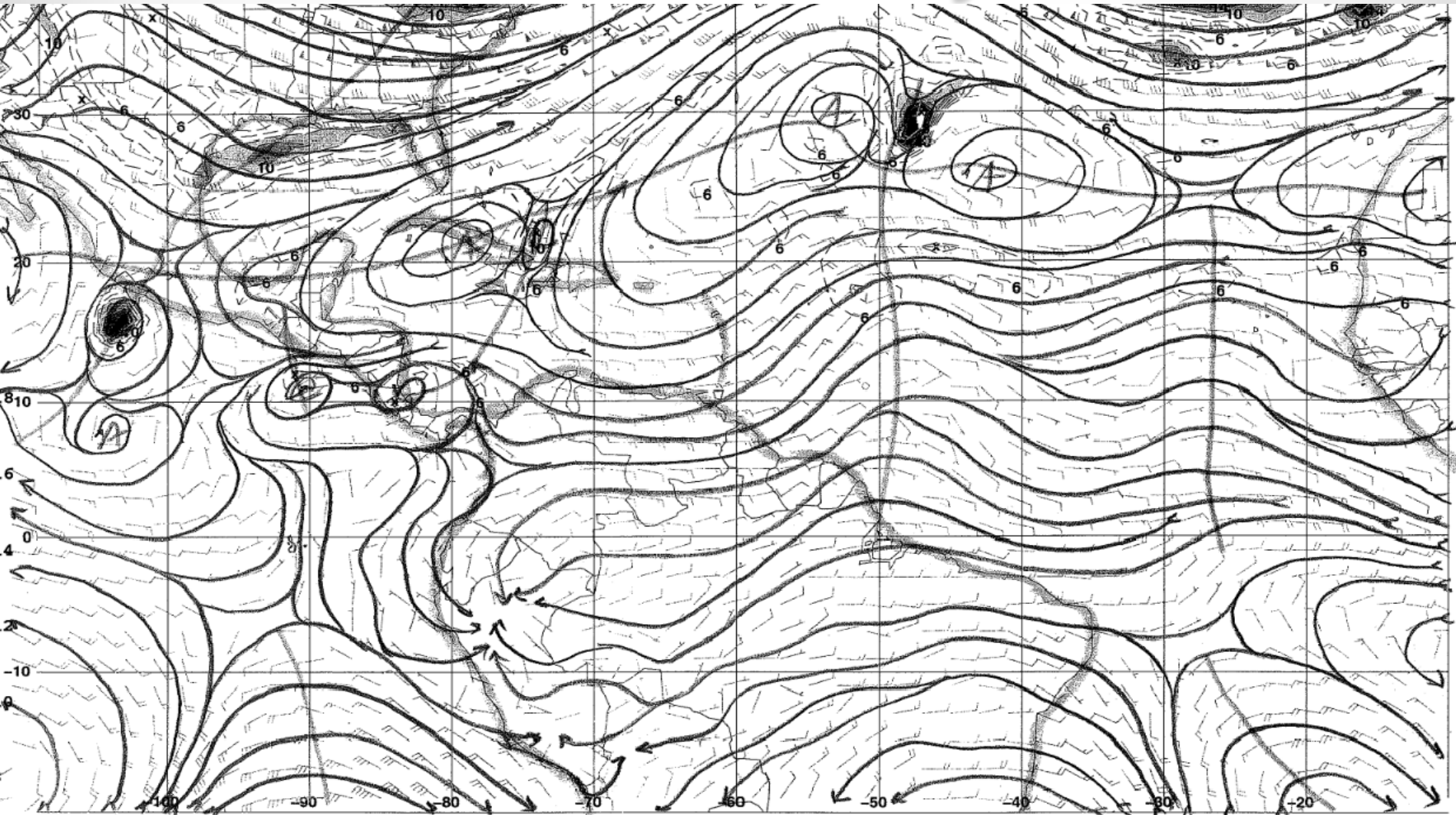


131024/0000V024 gfs 850 MB WIND & REL VOR

850 MB

24 HR

500 mb Analysis

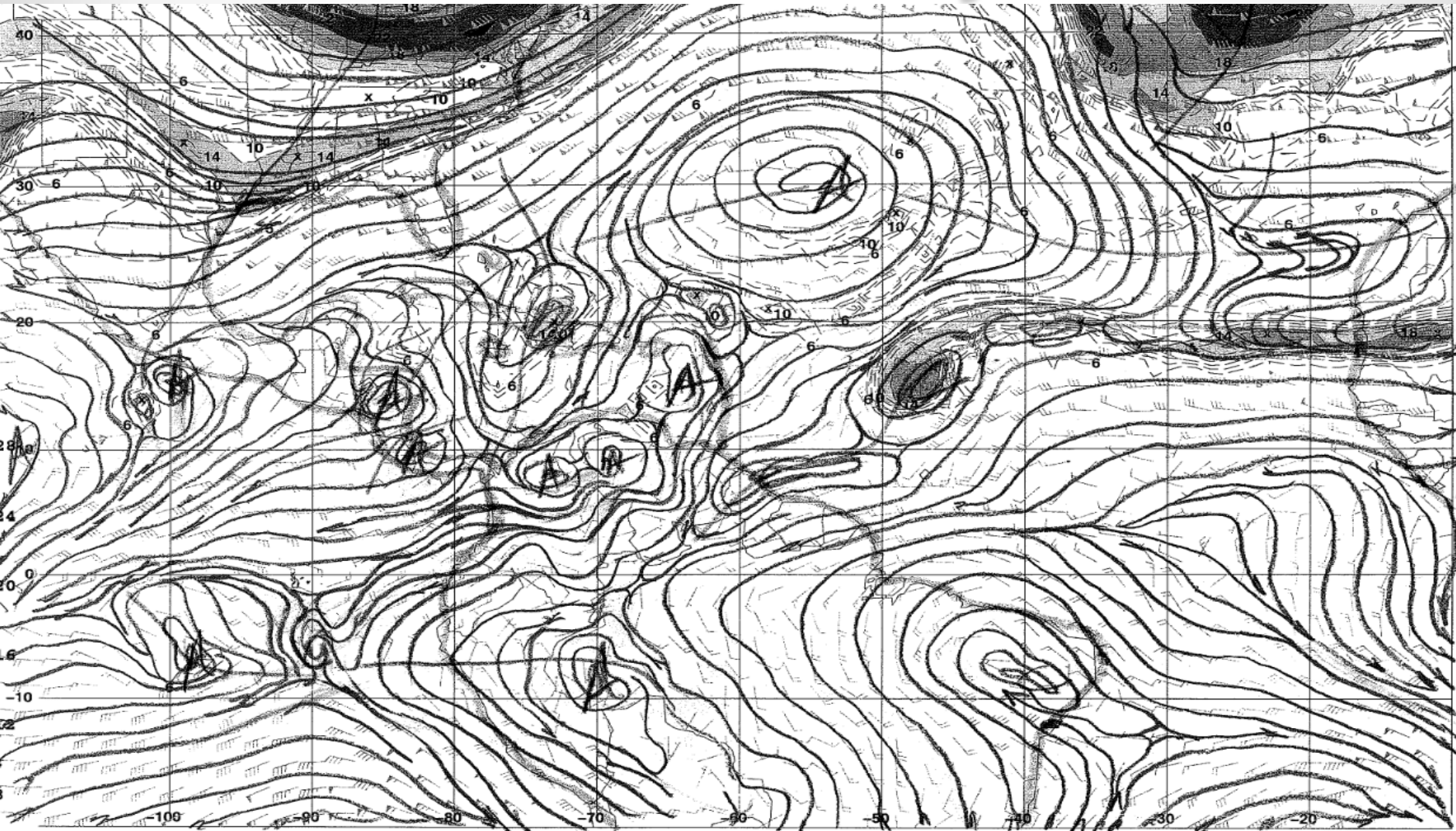


131024/0000V024 gfs 500 MB WIND & ABS VOR

500MB

24HR

250 mb Analysis

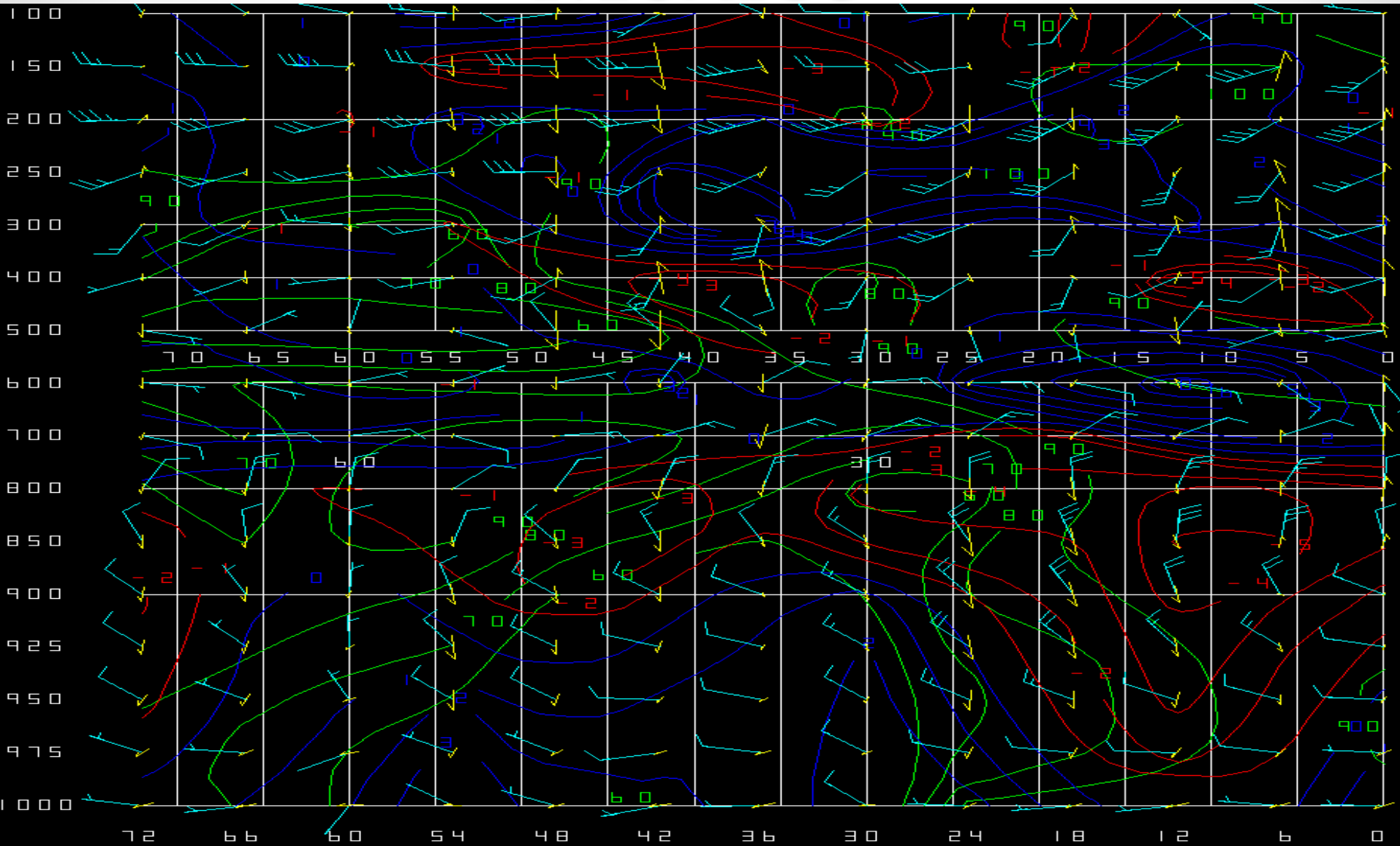


131024/0000V024 gfs 250 MB WIND & ABS VOR

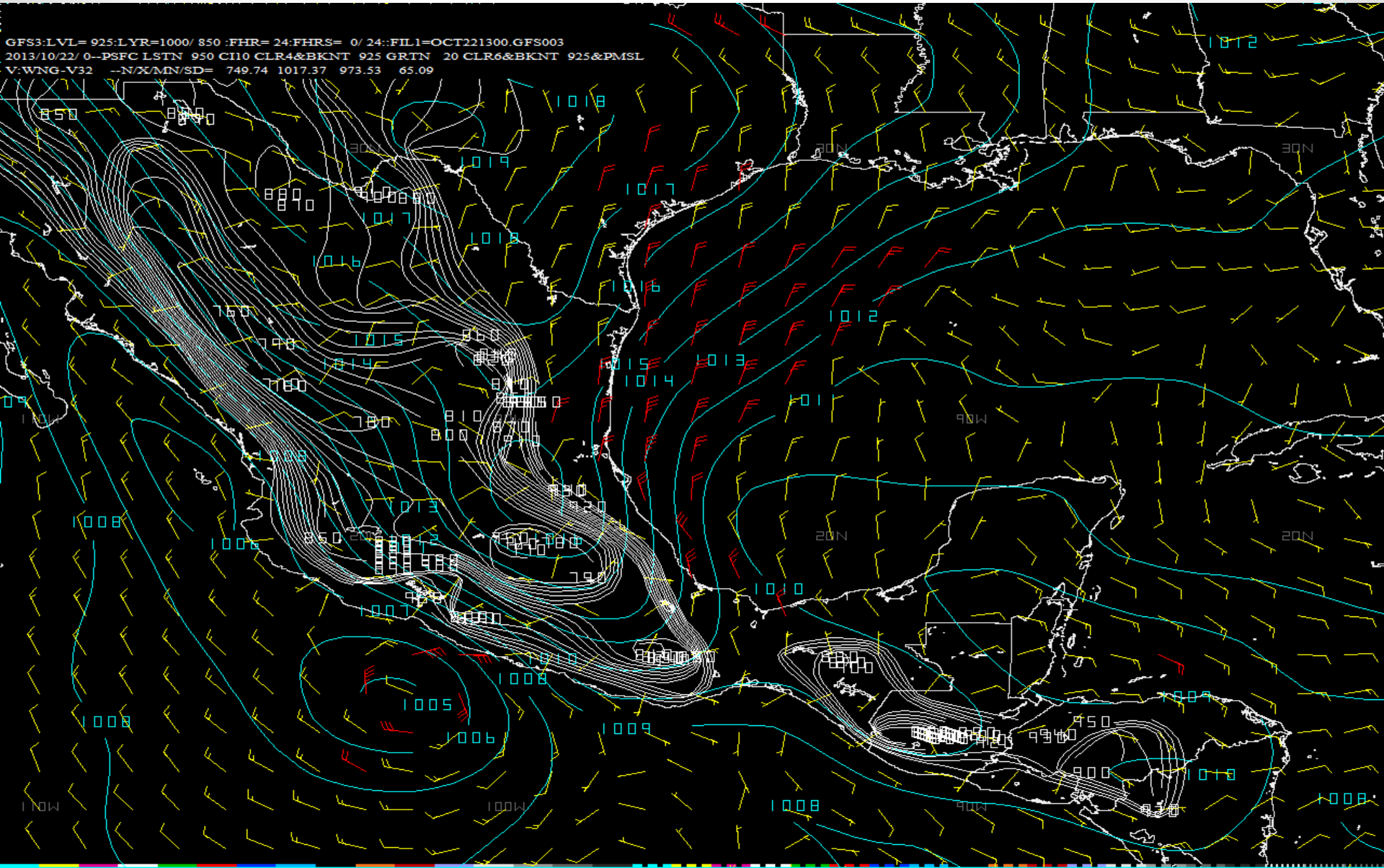
250 mb

F24H2

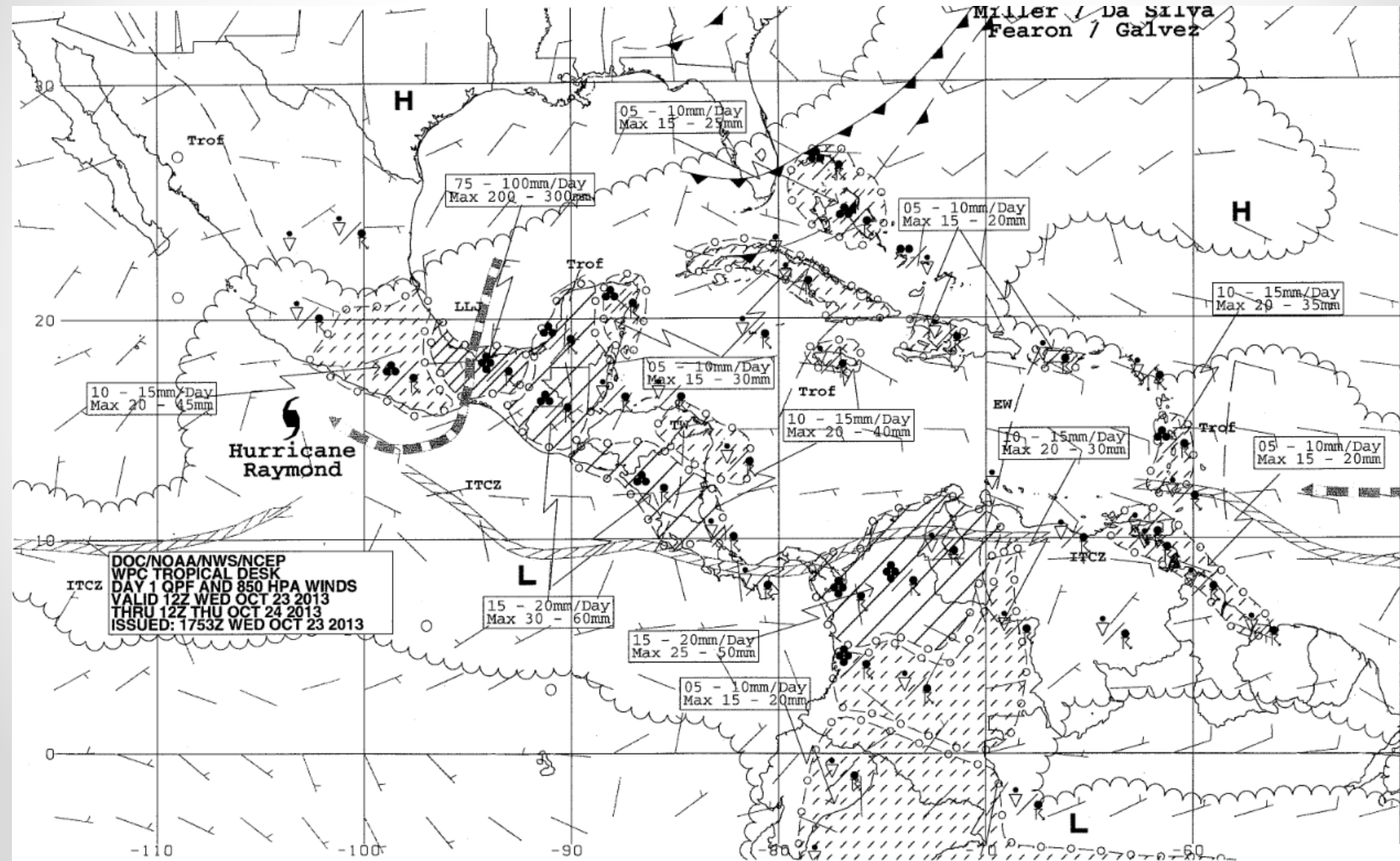
Time Section for Southern Mexico



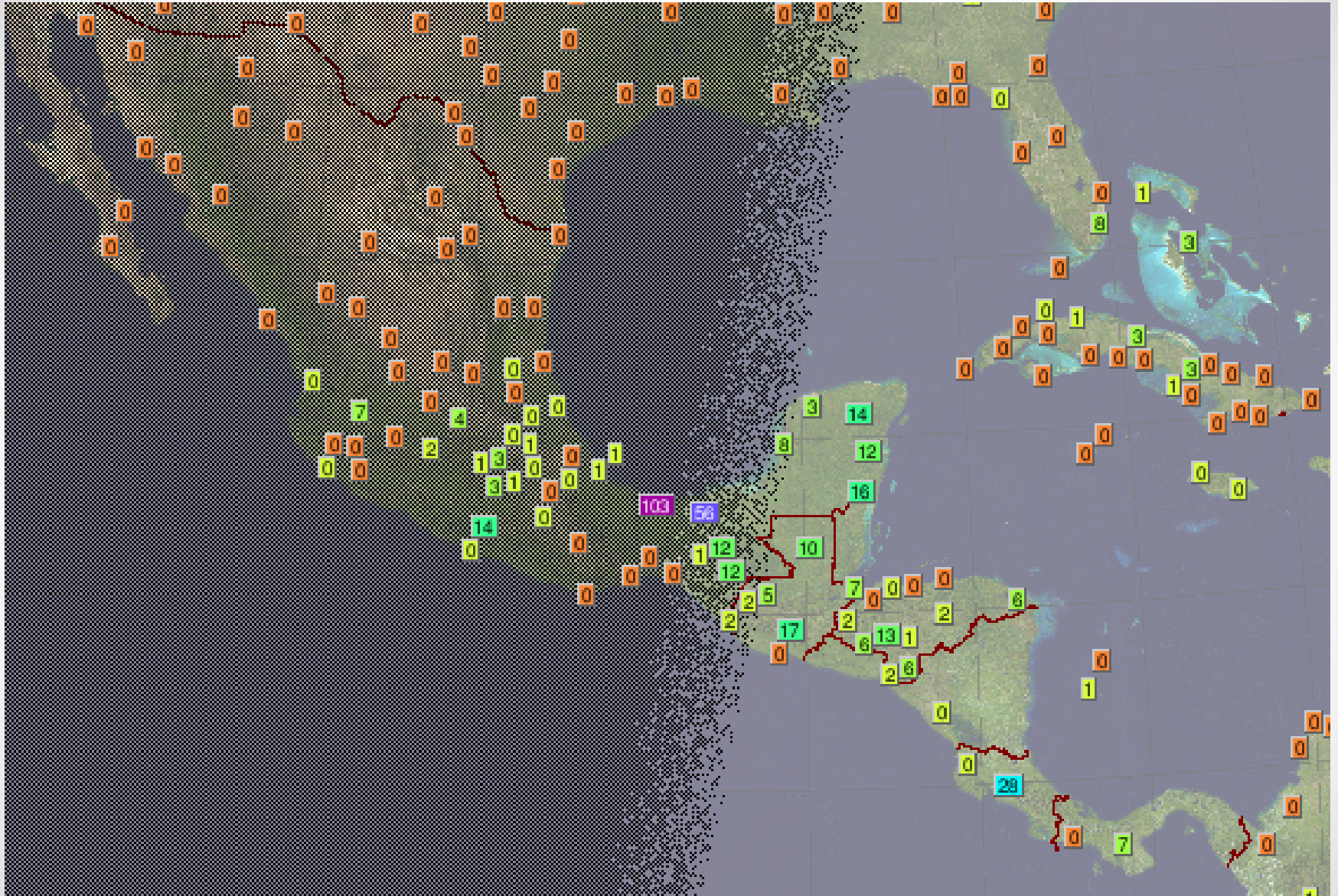
Wingridds



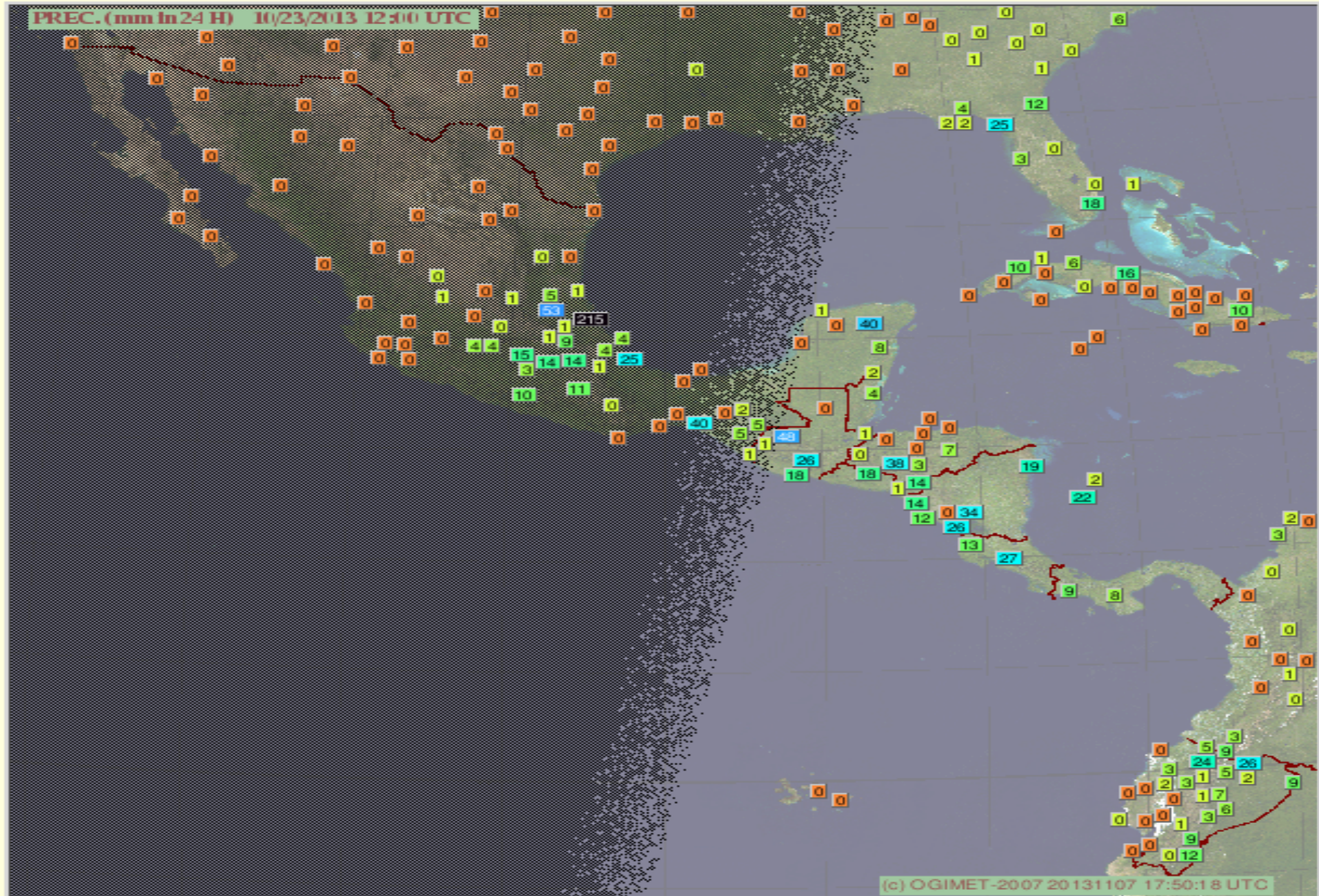
24 Hour Forecast



Validation



Previous day



Benefits of the Tropical Desk

- Pilot briefings
- Disaster preparedness
- System monitoring
- Exposure to tools and techniques
 - Such as the GDI
- Exposure to forecasting for different topography



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Thank You.

Any Question or comments?