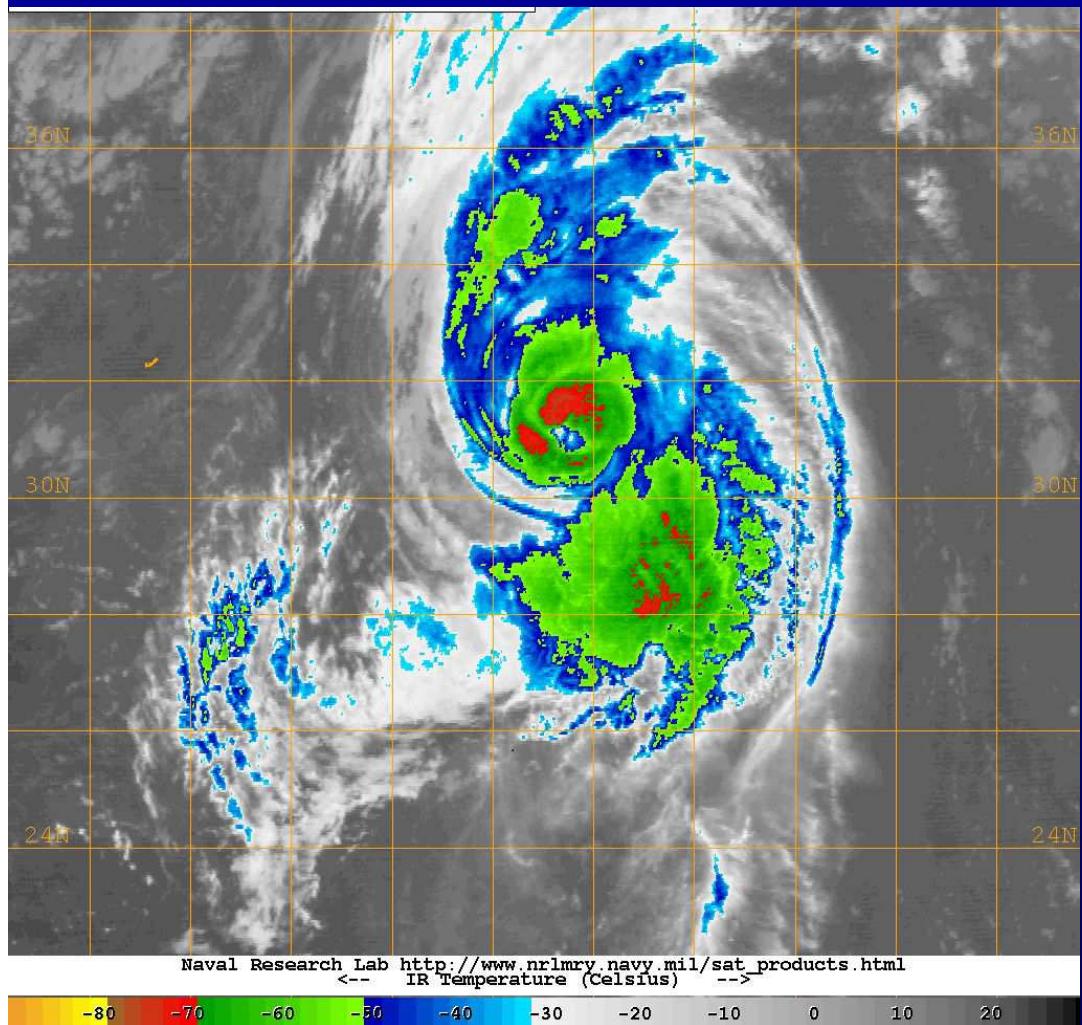




Initial Situation

00 UTC 22nd



NHC Operational Analysis

03 UTC 22nd

Location: 31.8°N 56.3°W

Intensity: 75 kt

Central Pressure: 970 mb

Movement: NNE 12 kt

Structure

64 KT..... 35NE 35SE 30SW 30NW

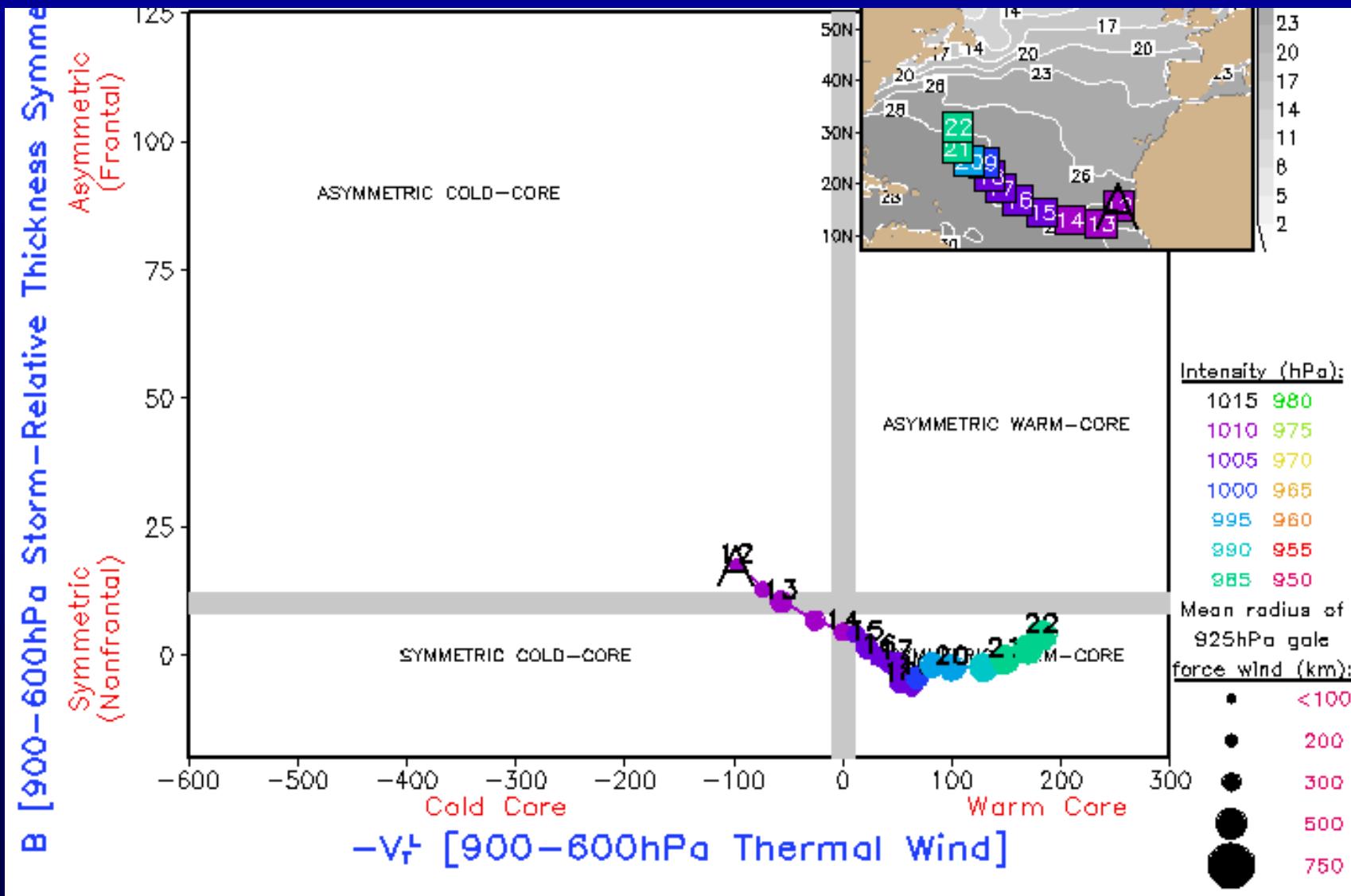
50 KT..... 70NE 90SE 60SW 60NW

34 KT..... 180NE 200SE 200SW 175NW



Phase Space Diagram 1

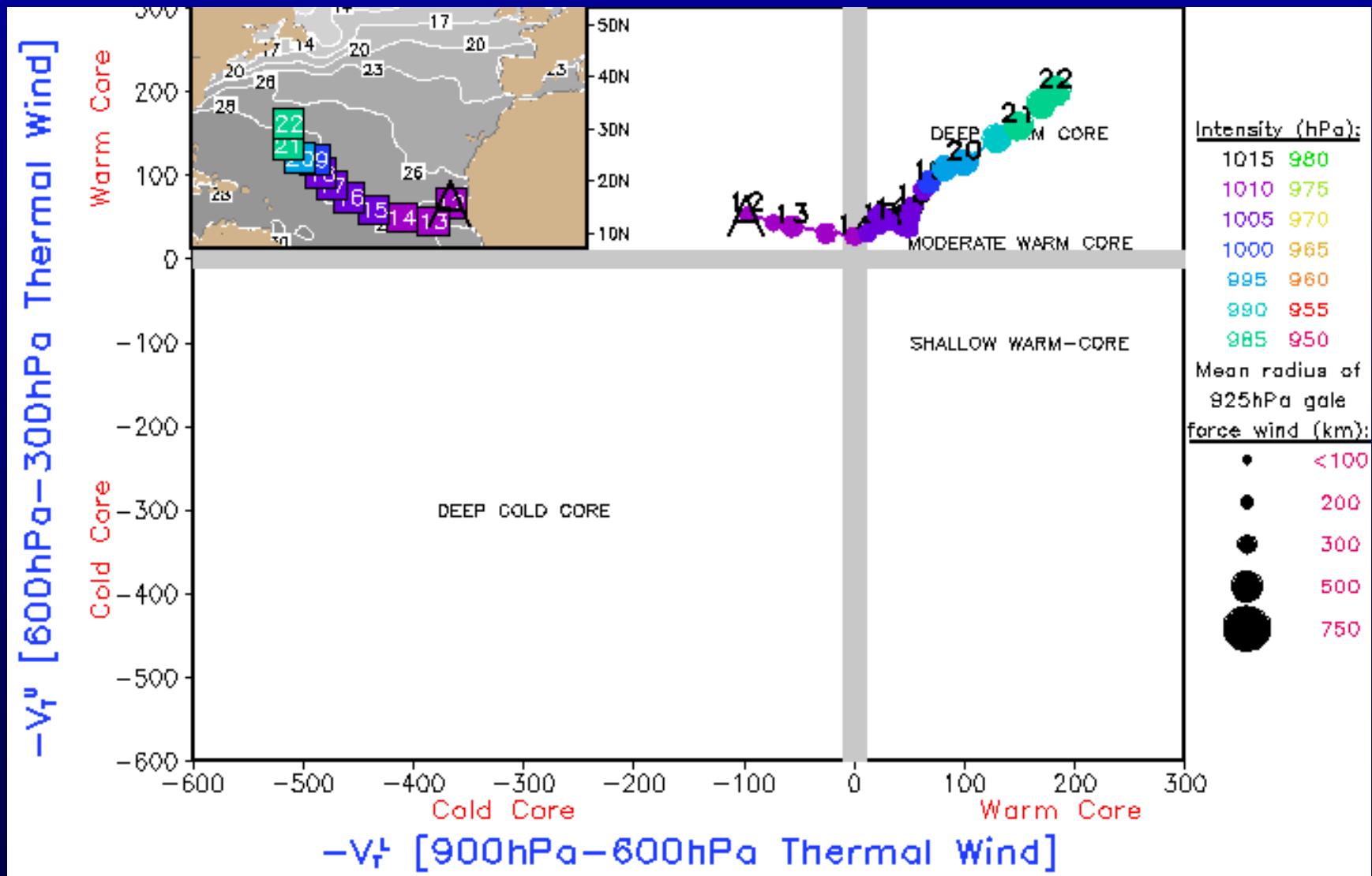
GFS Analysis through 00 UTC 22nd





Phase Space Diagram 2

GFS Analysis through 00 UTC 22nd





Current Status

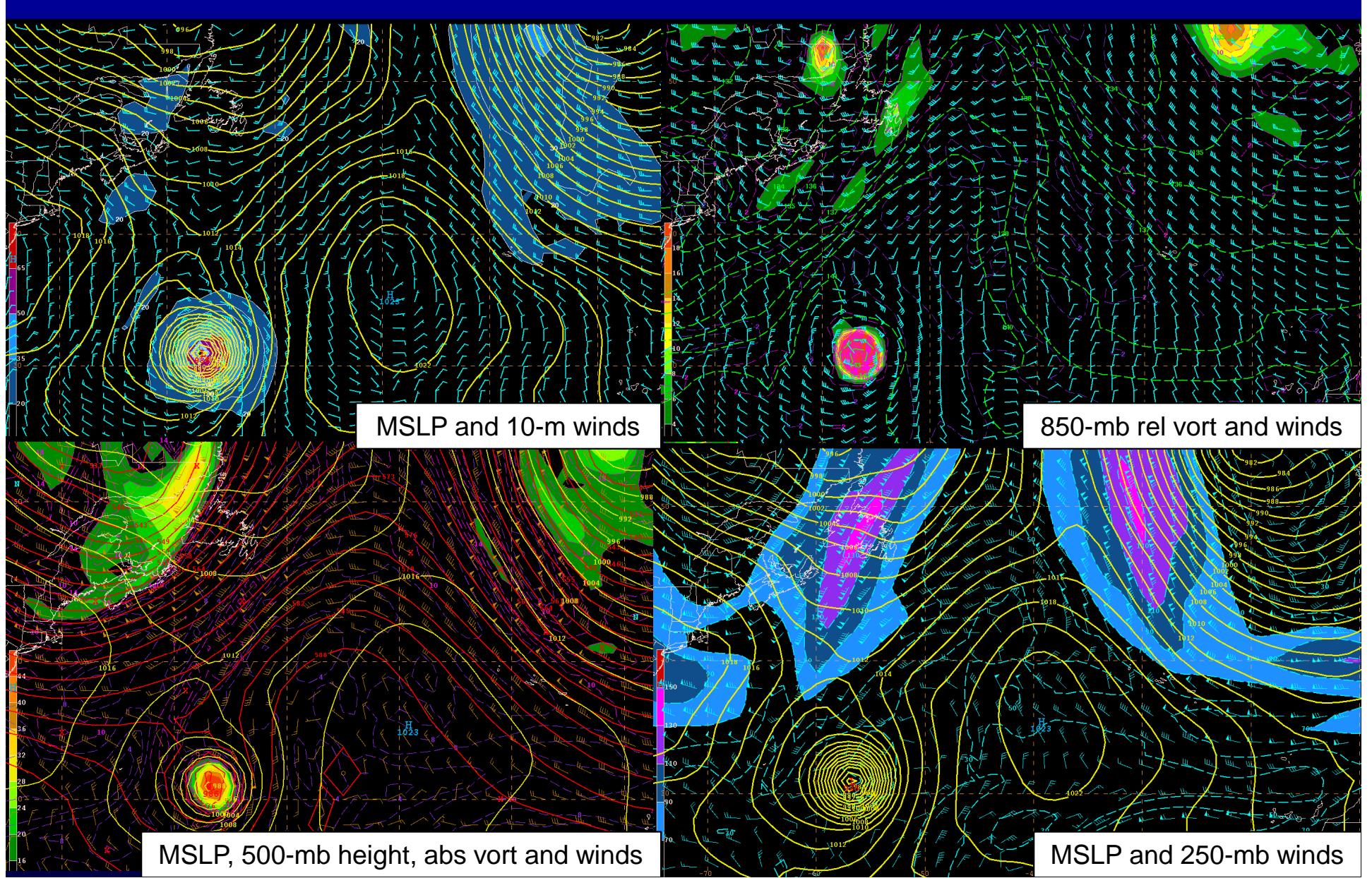
- How would you describe the cyclone at this point based on the phase space analysis?



GFS Model Forecasts Model Initialized at 00 UTC 22nd

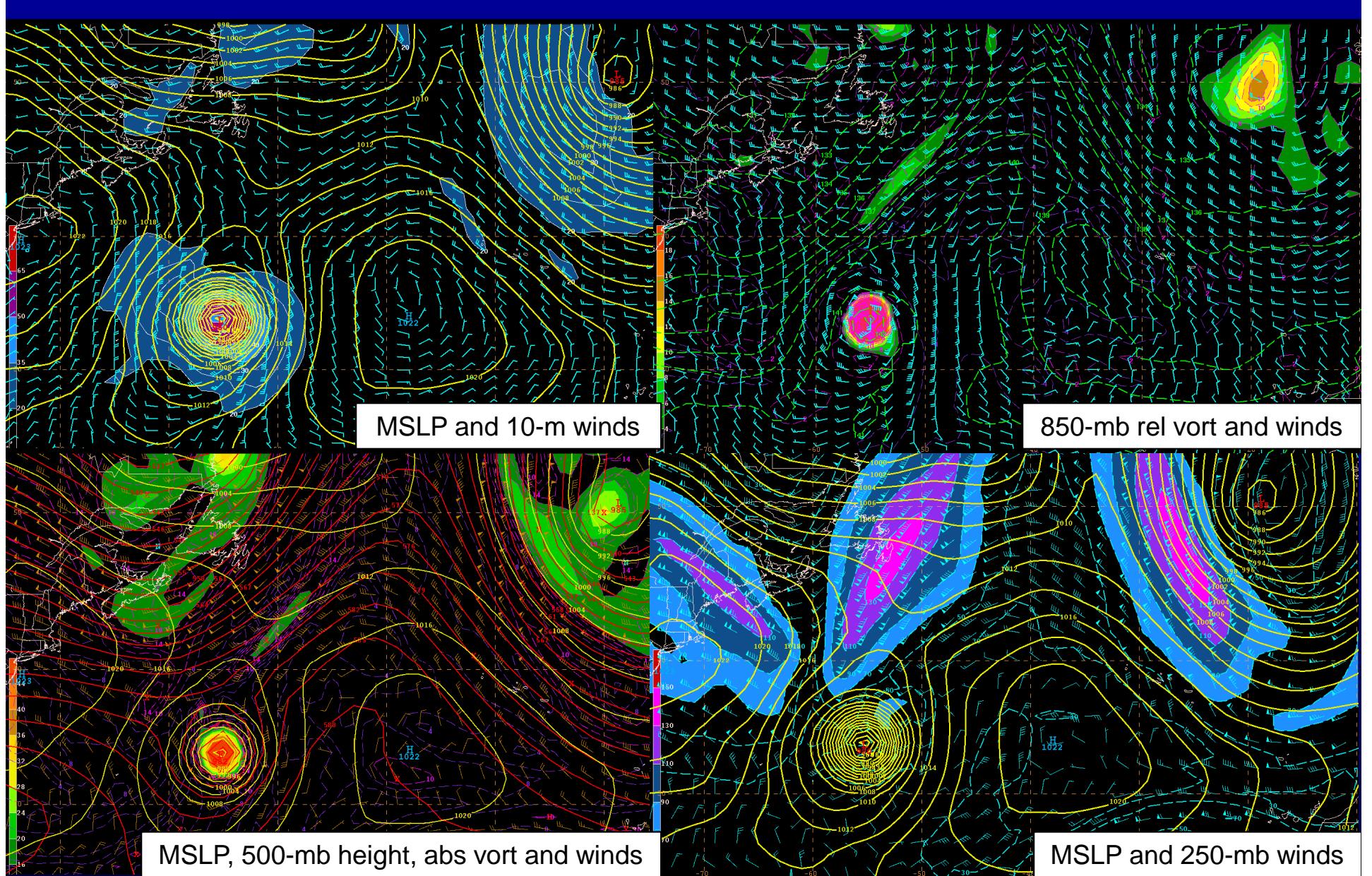


Analysis Valid at 00 UTC 22nd



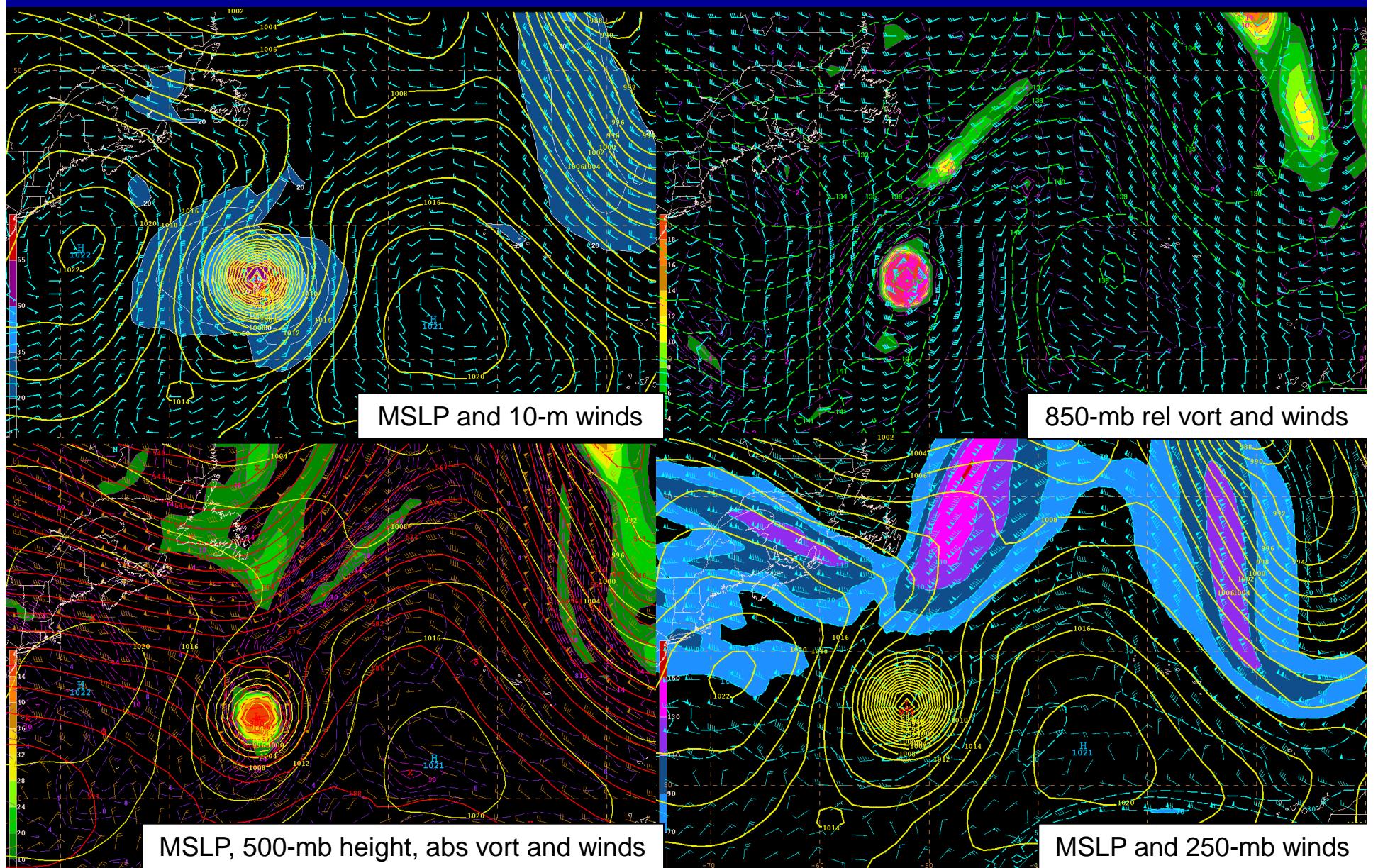


Forecast Valid at 12 UTC 22nd



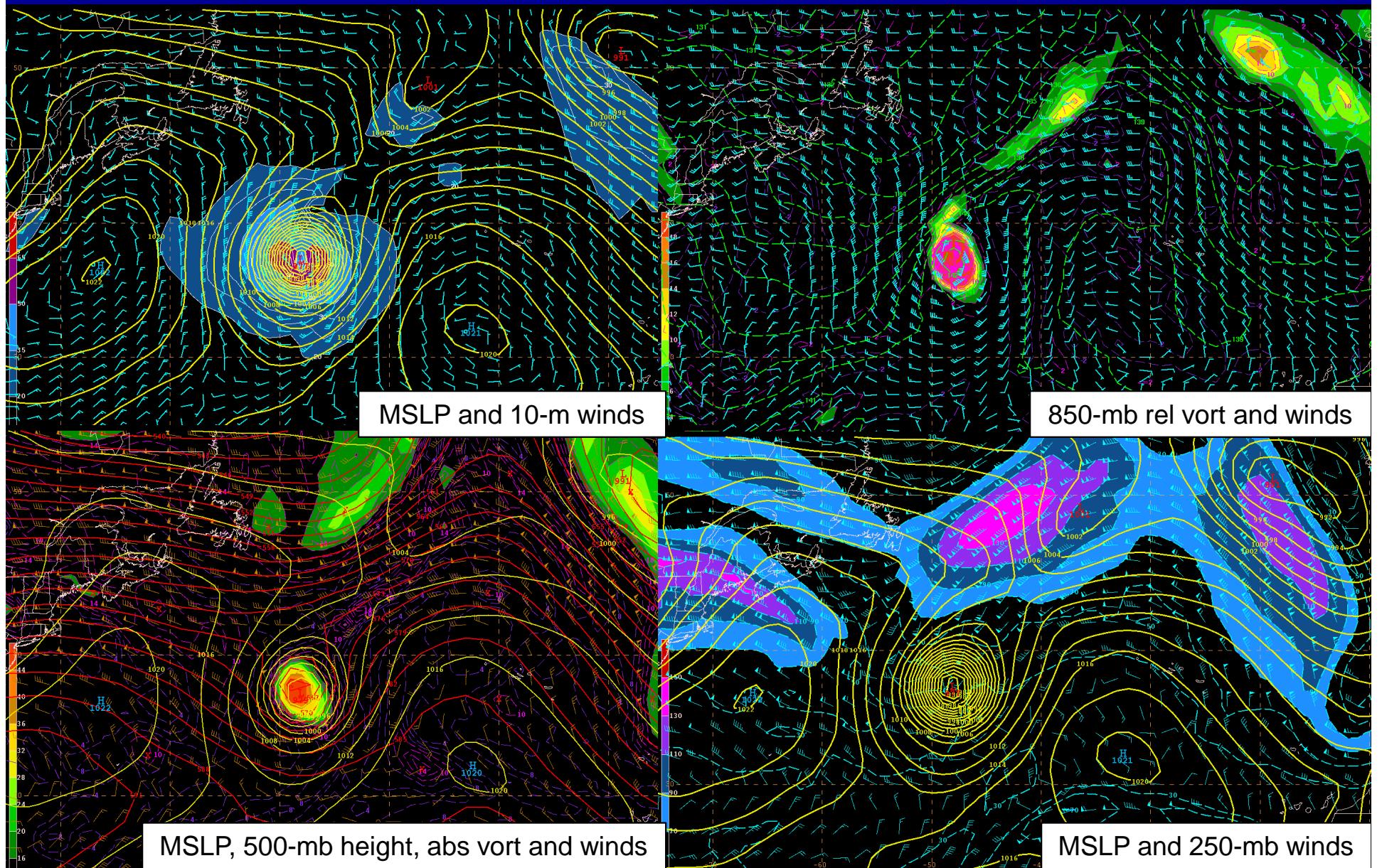


Forecast Valid at 00 UTC 23rd



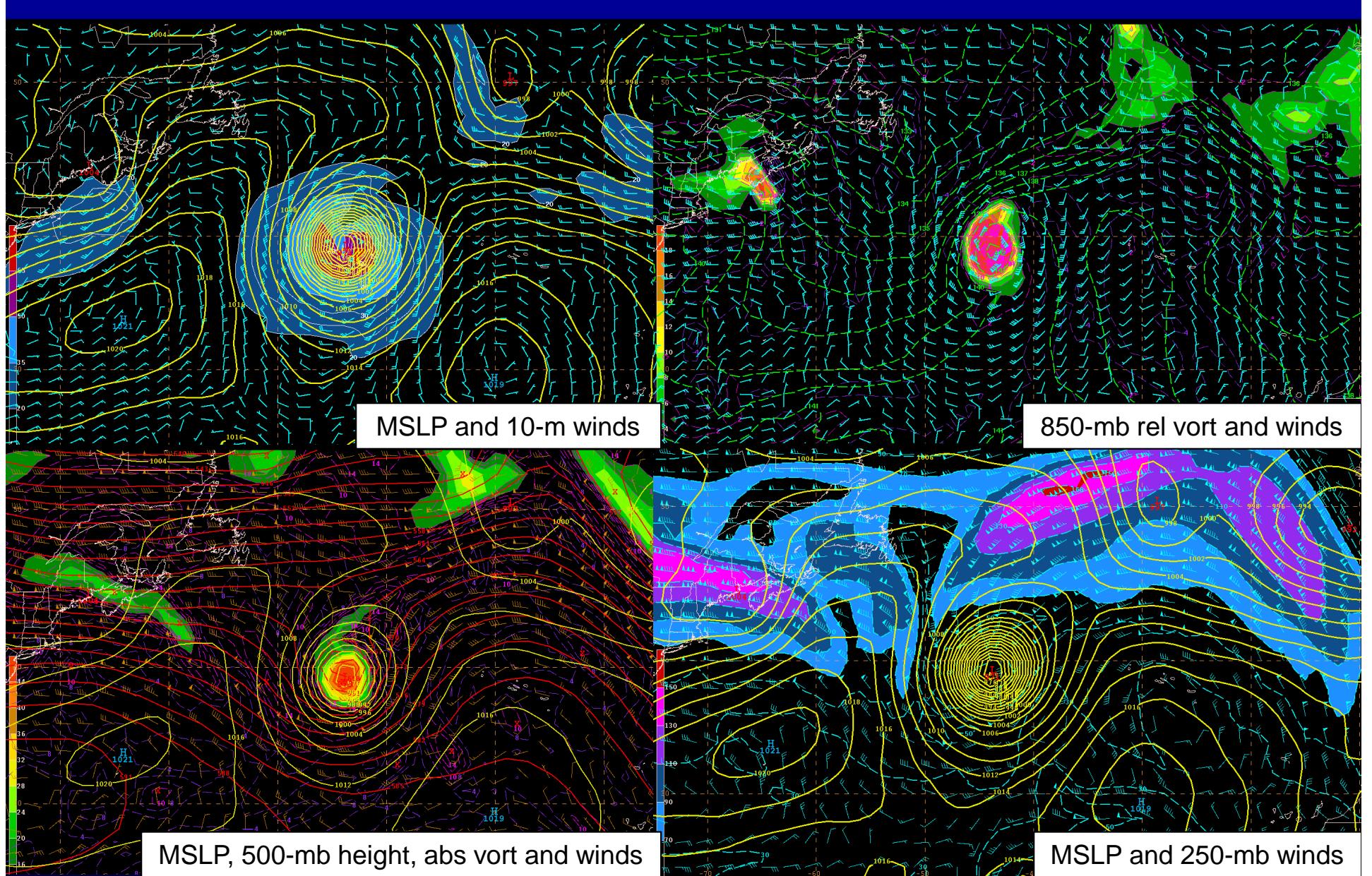


Forecast Valid at 12 UTC 23rd



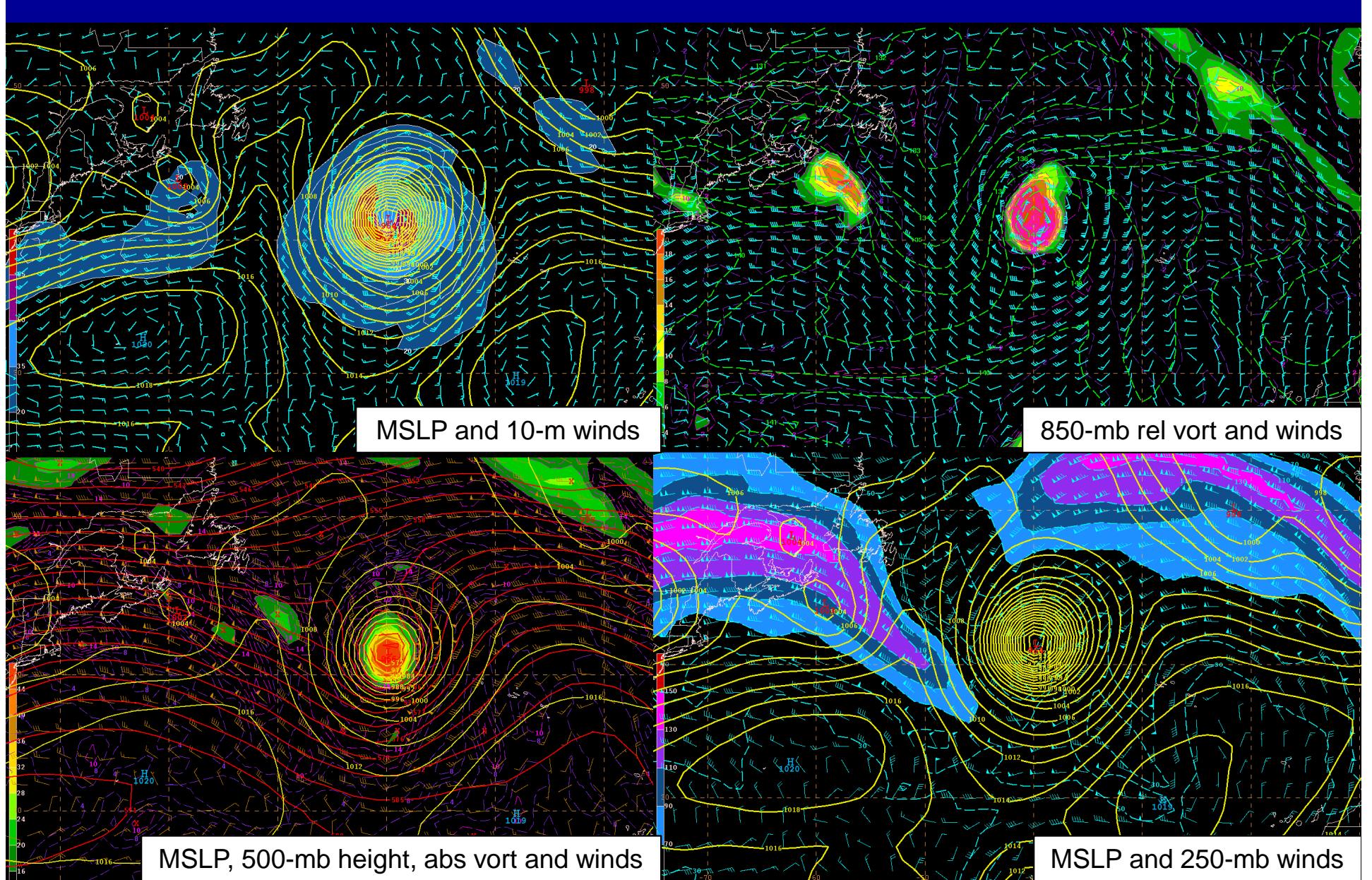


Forecast Valid at 00 UTC 24th



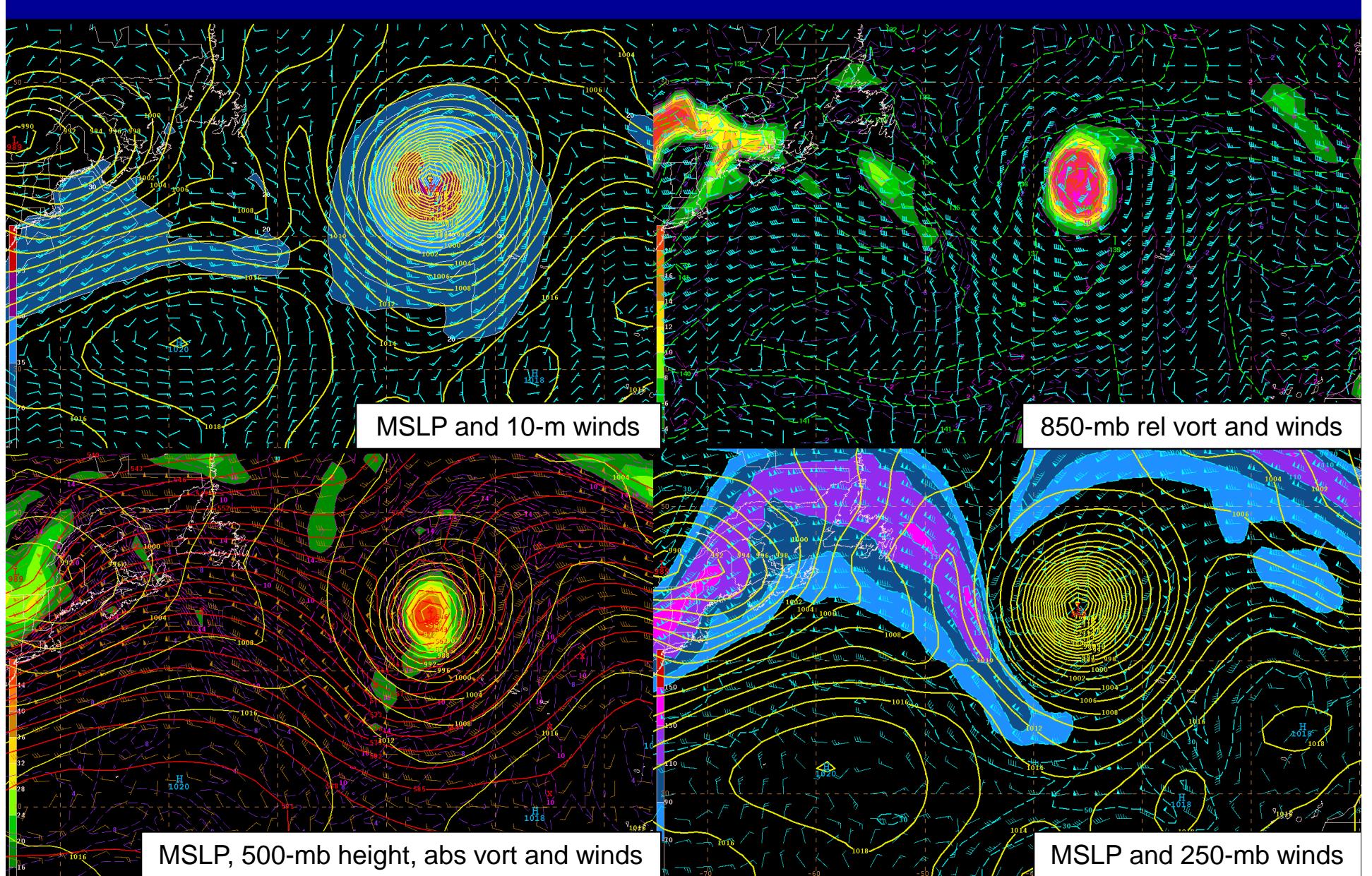


Forecast Valid at 12 UTC 24th



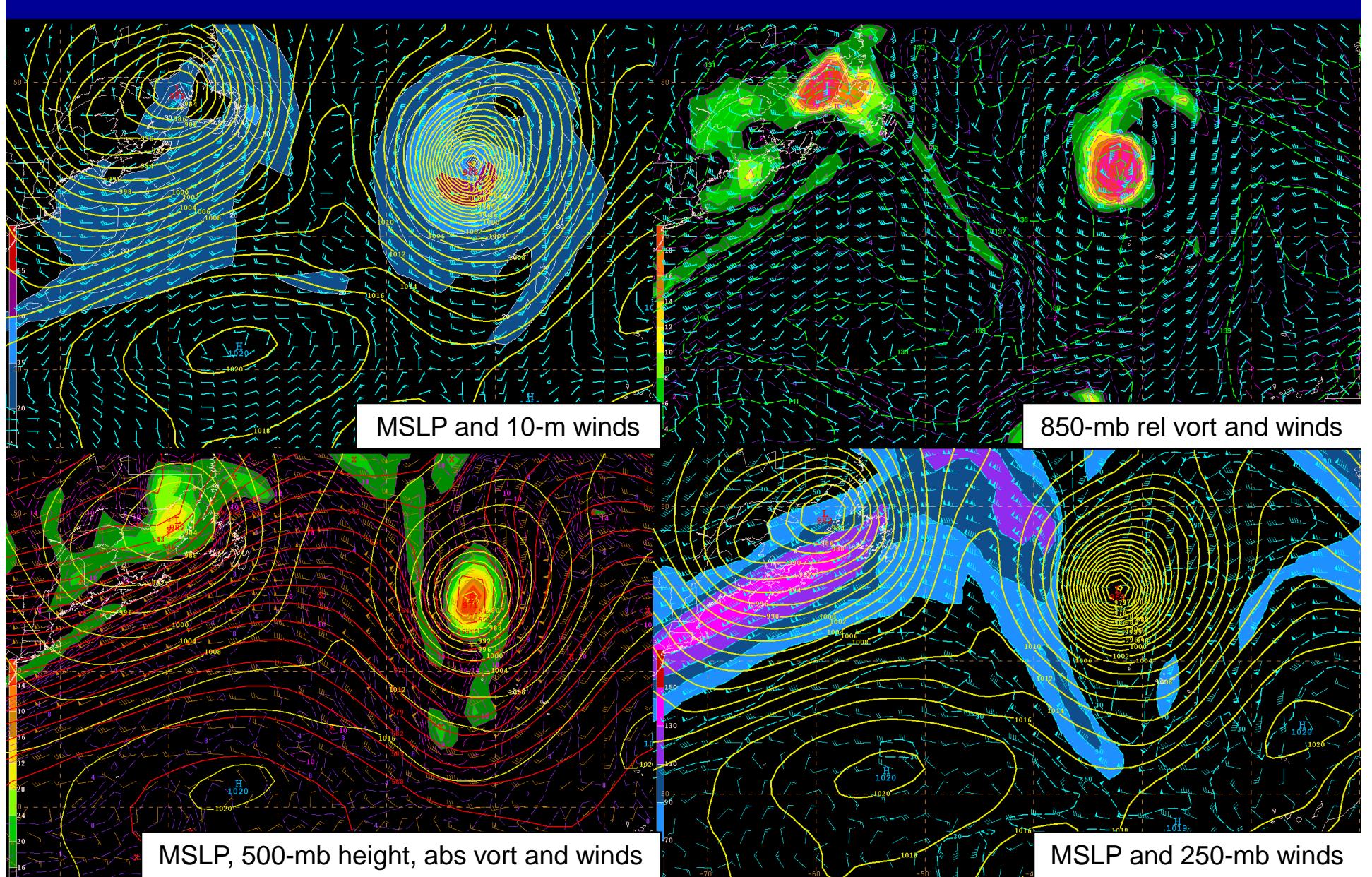


Forecast Valid at 00 UTC 25th



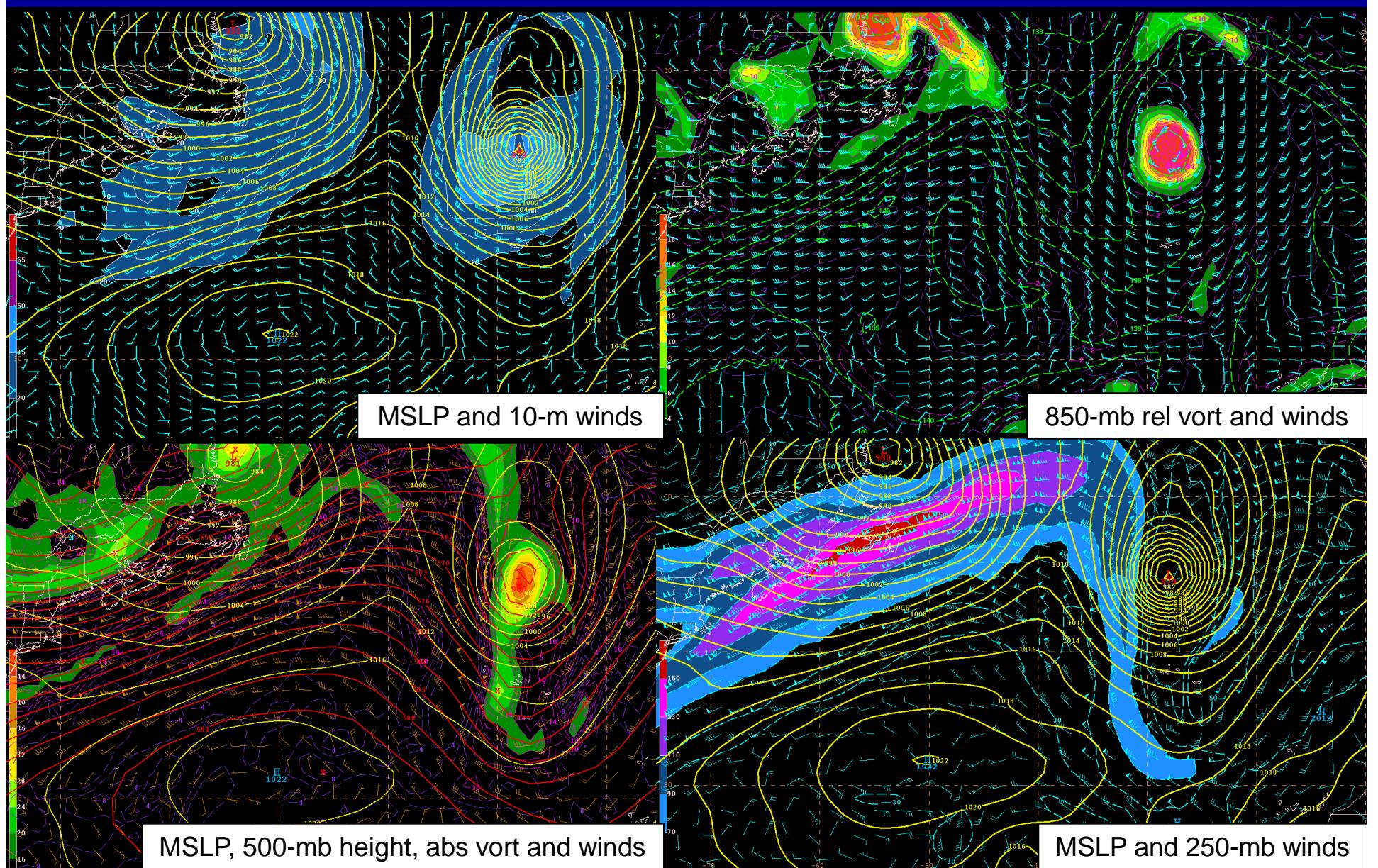


Forecast Valid at 12 UTC 25th





Forecast Valid at 00 UTC 26th





GFS Forecast

- When does ET begin?
- When does ET end?