

# CENTRAL NORTH PACIFIC 2005 TROPICAL CYCLONE SEASON

Jim Weyman

Director, Central Pacific Hurricane Center

Meteorologist in Charge, Weather Forecast Office

Phone Office: 808-973-5272 Cell: 808-271-6238

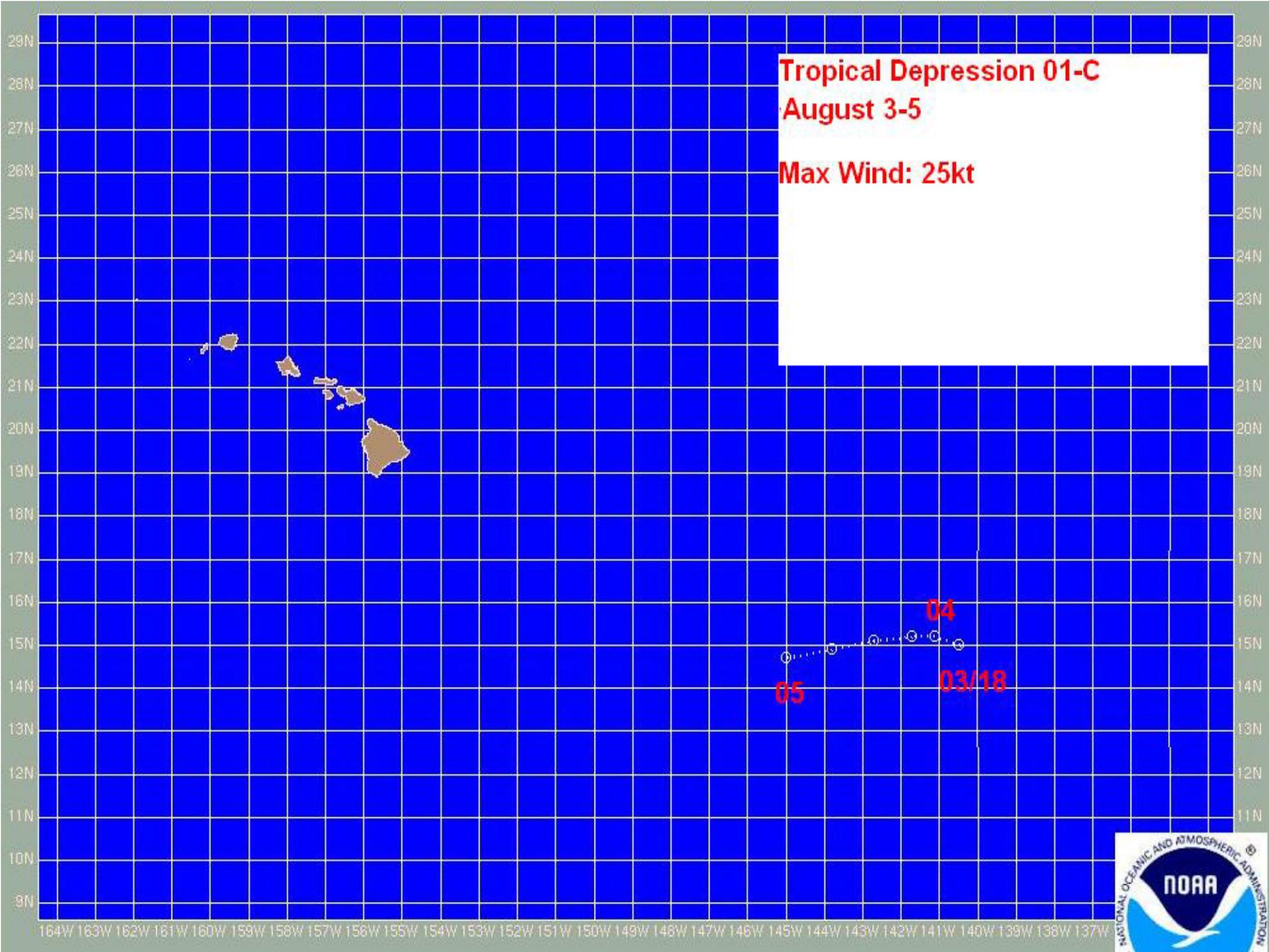
[james.veyman@noaa.gov](mailto:james.veyman@noaa.gov)

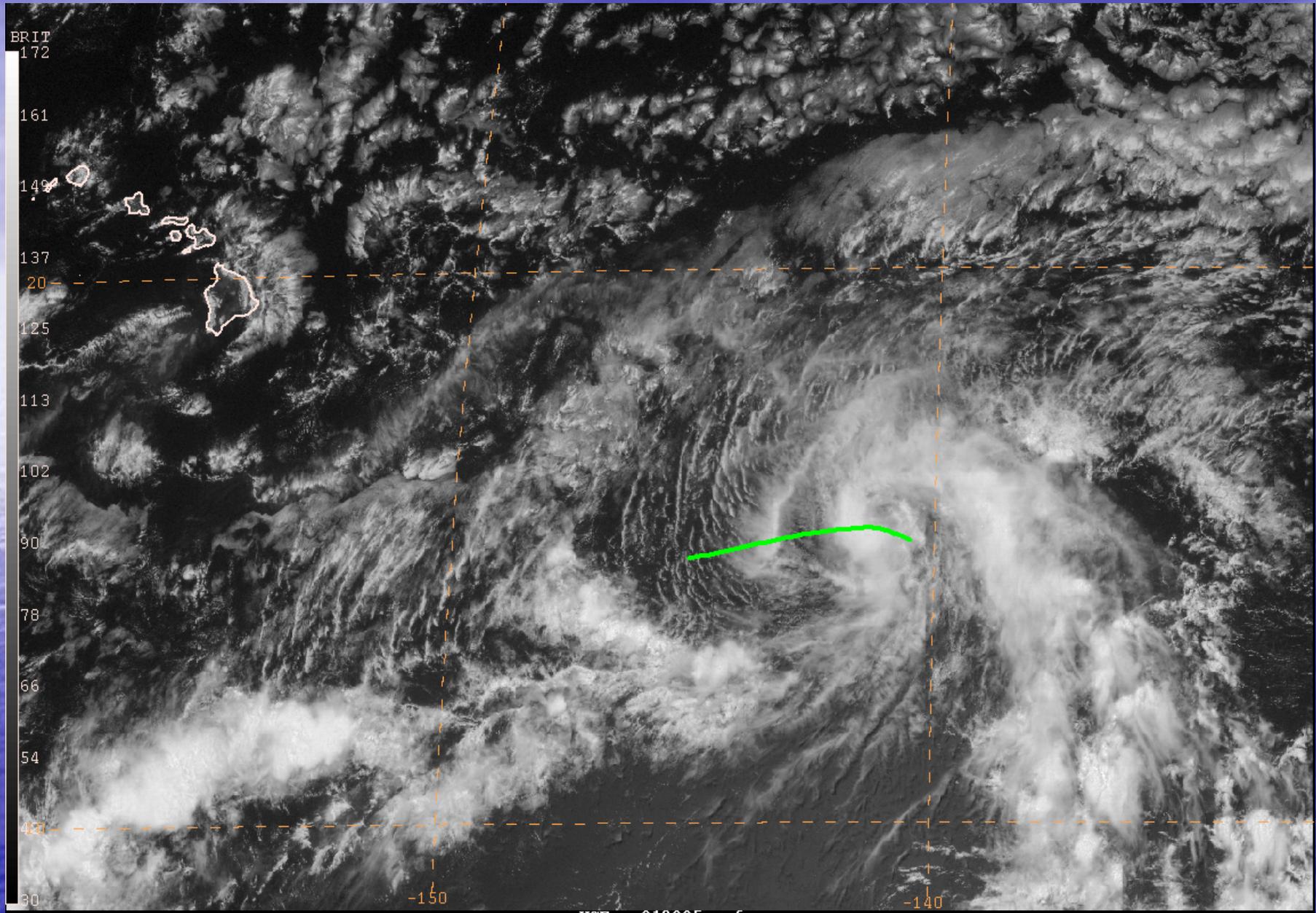
# Central North Pacific 2005 Season Summary

## 3 Tropical Cyclones

- **1 Formed in the Central Pacific**  
**TD One-C - Lifetime of 30 hours**
- **2 Moved in from the Eastern Pacific**  
**Hurricane Jova - Maintained Category 3 status for 60 continuous hours**  
**Hurricane Kenneth - Remnants brought thunderstorms and heavy rain to windward side Big Island**



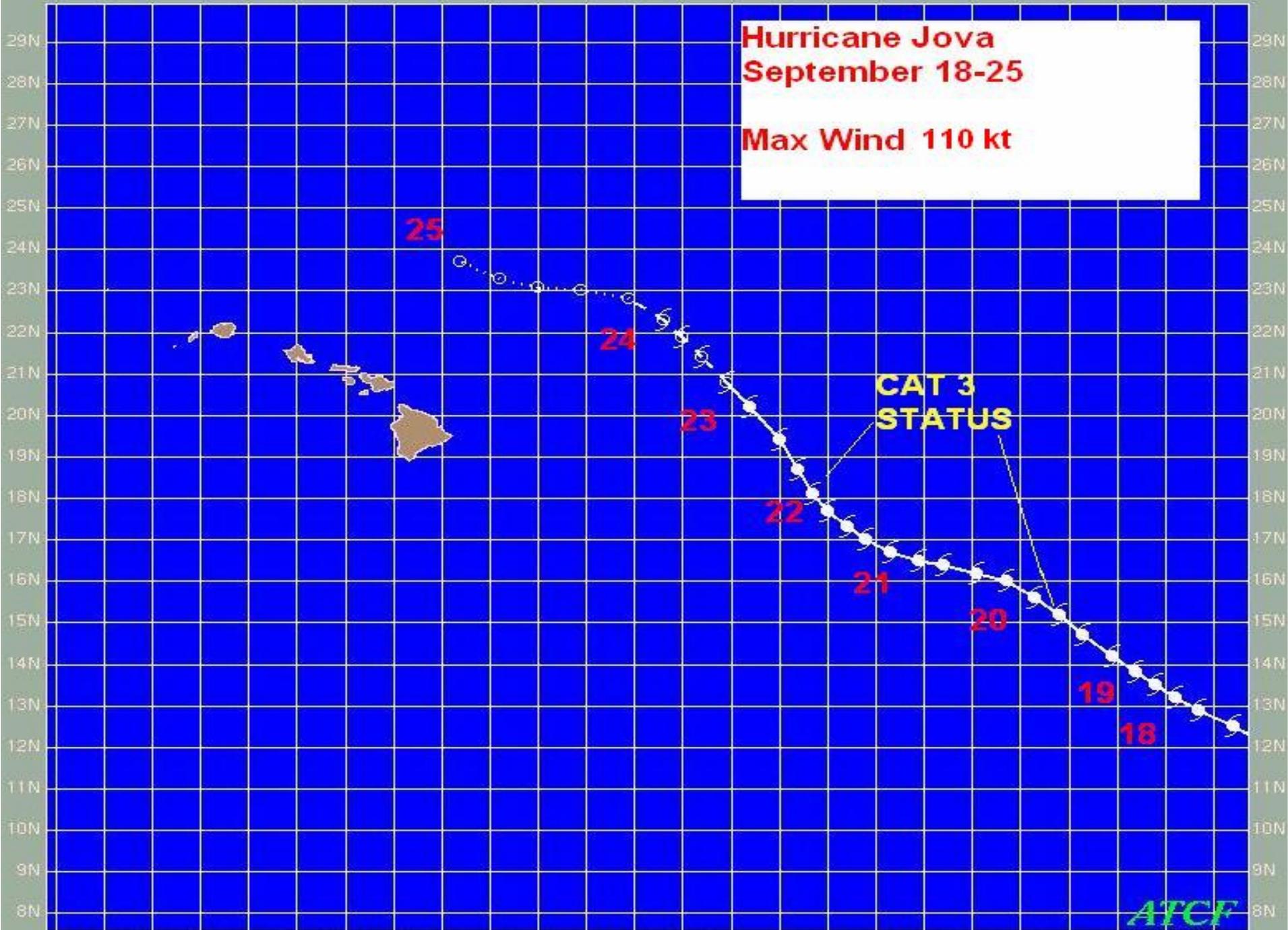




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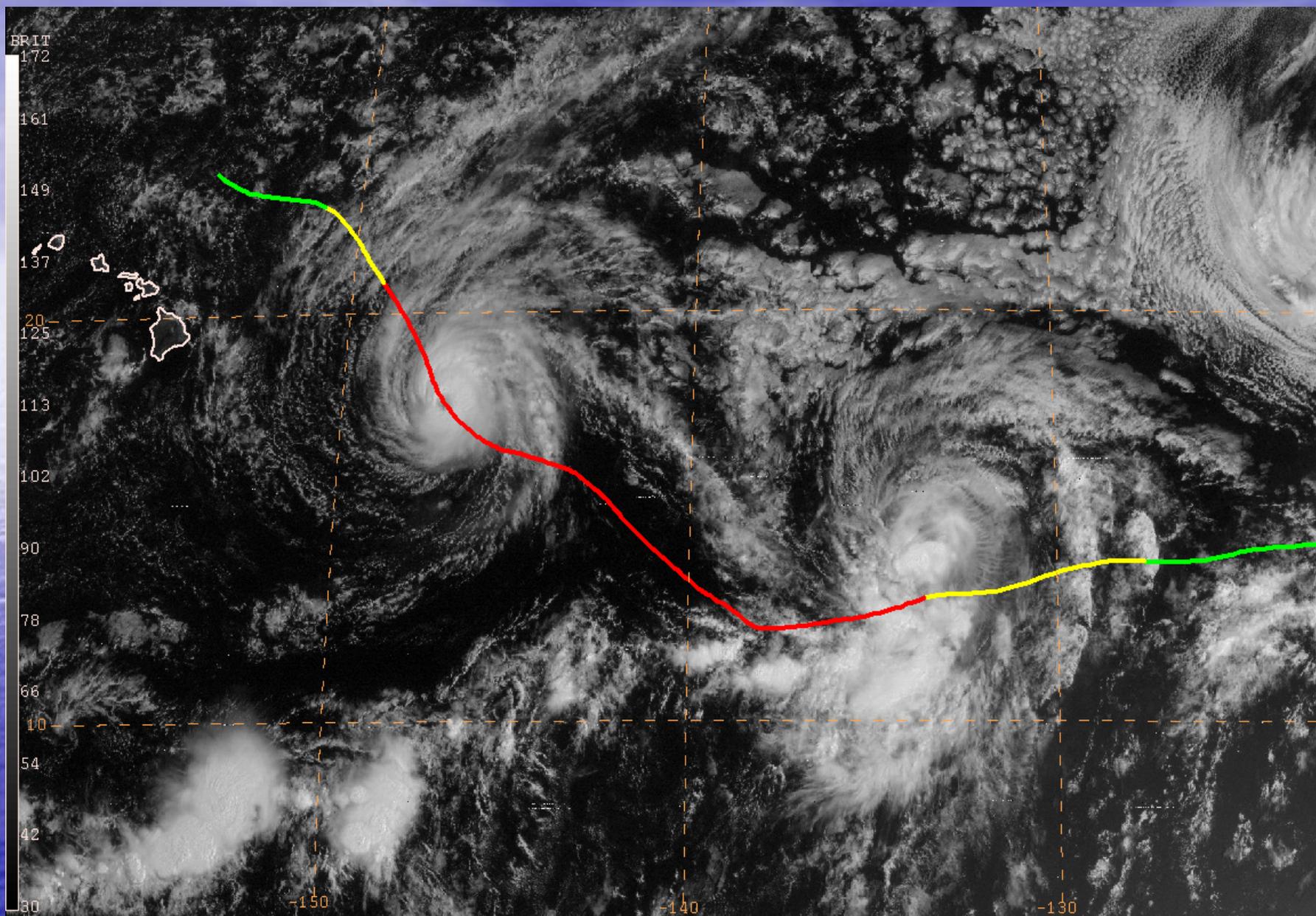
**Hurricane Jova  
September 18-25**

**Max Wind 110 kt**



**ATCF**

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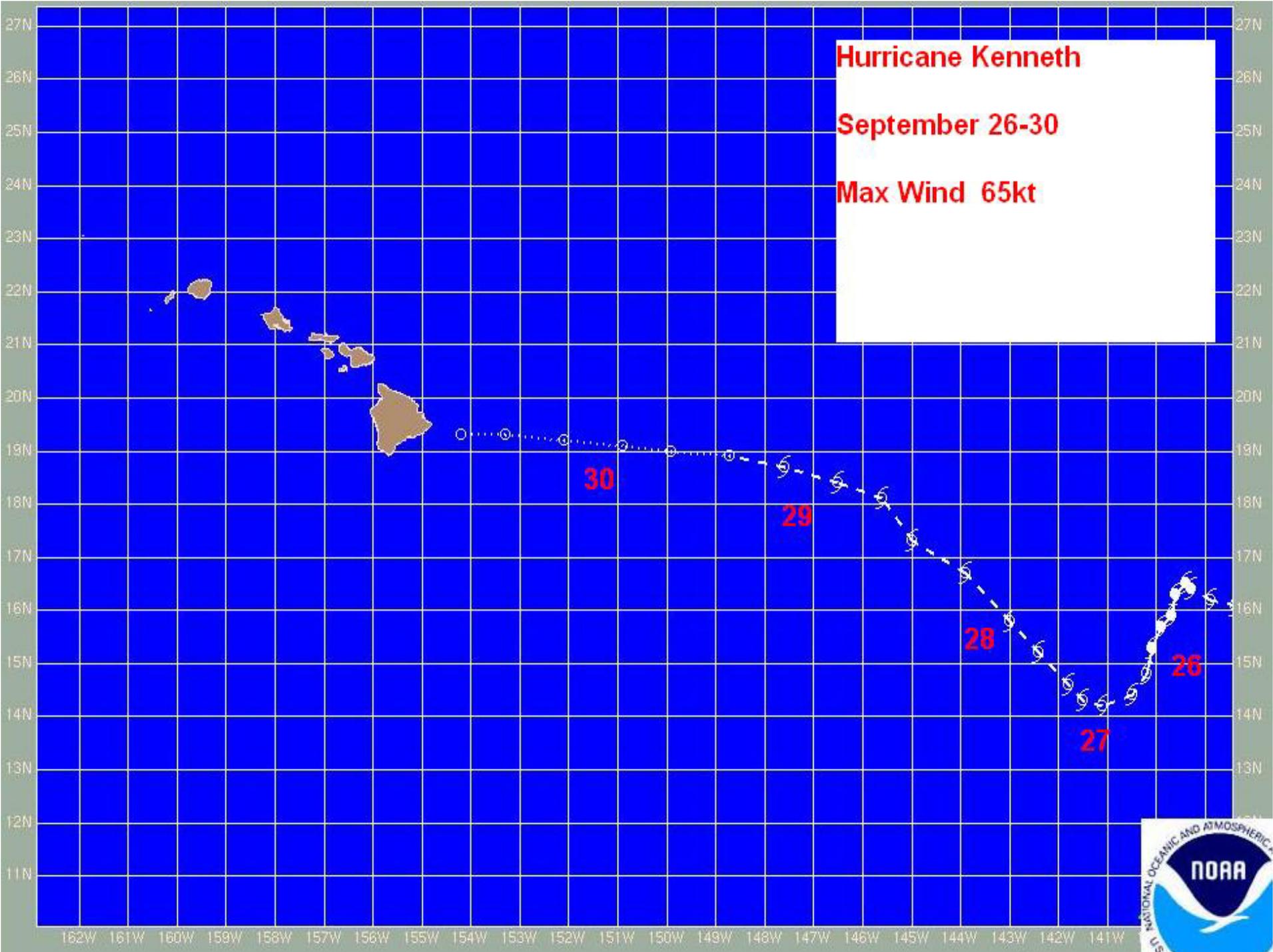


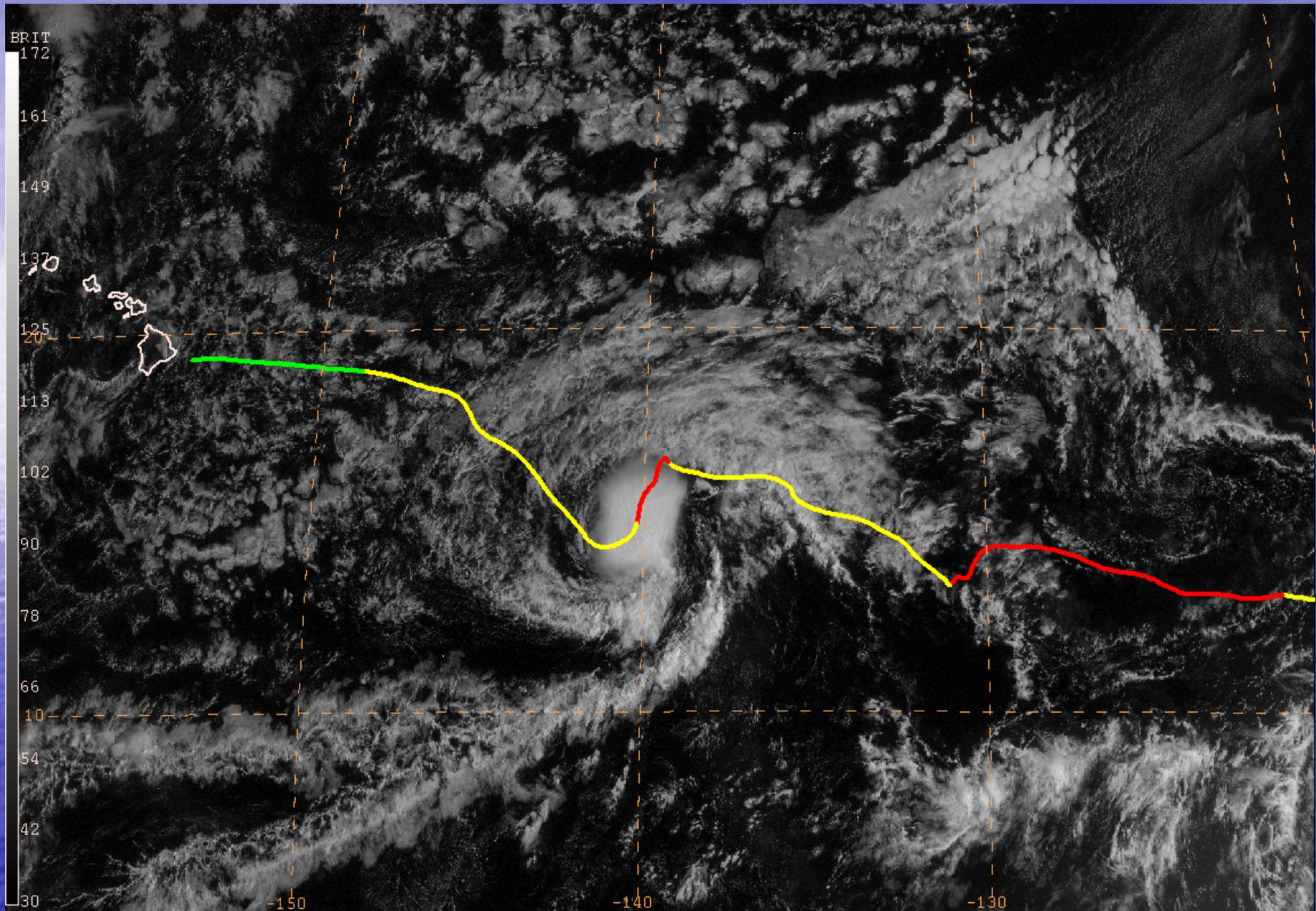
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# Hurricane Kenneth

September 26-30

Max Wind 65kt





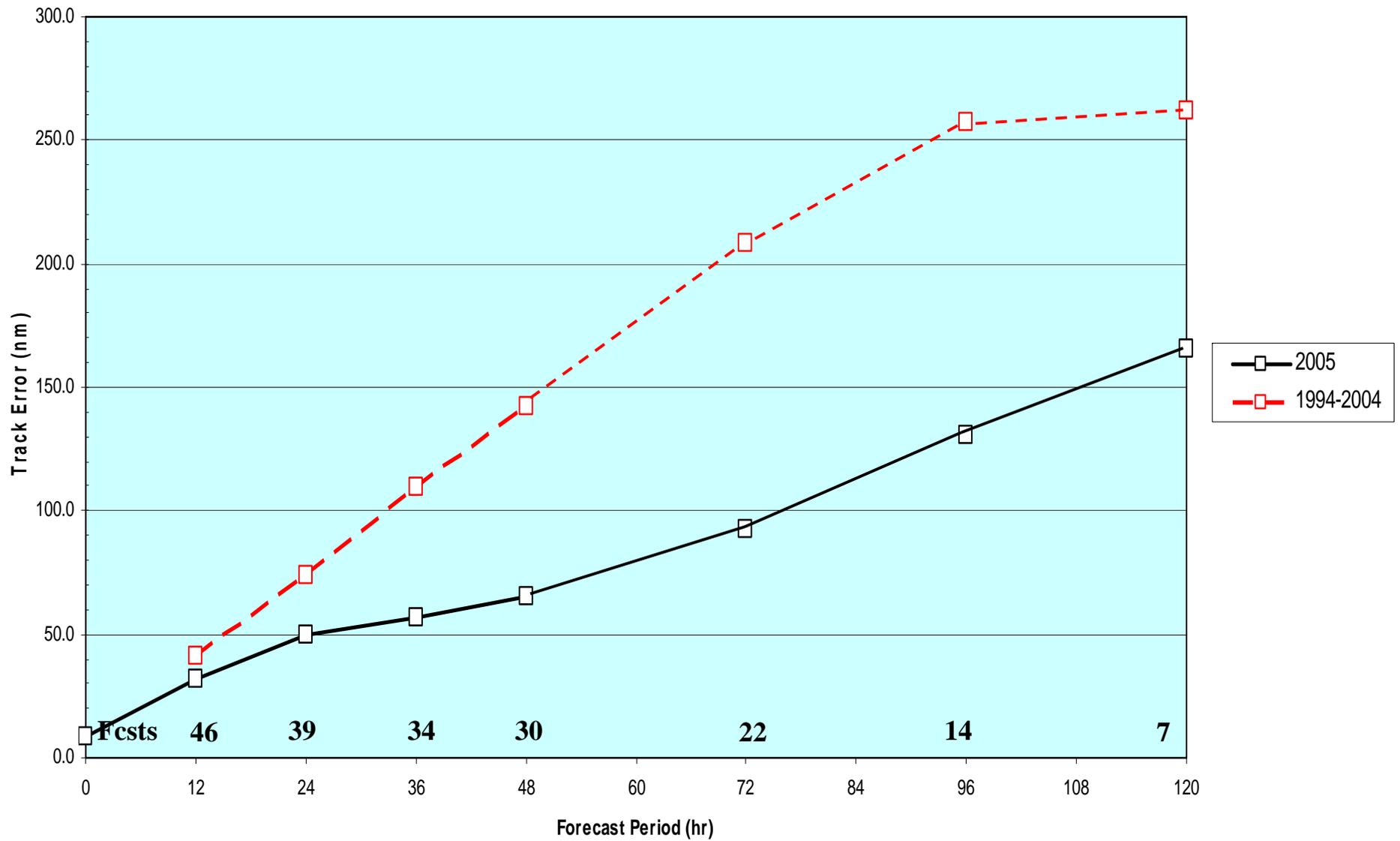
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# 2005 Season Highlights

- Implemented Graphical and Text Wind Probability Products
  - Also producing graphics for WFO Guam webpage for Western Pacific tropical systems
- CPHC activated for 15 days
- Track Forecast Errors from 36 – 120 hours were smallest on record
  - 65nm error at 48 hours well below GPRA goal of 128nm

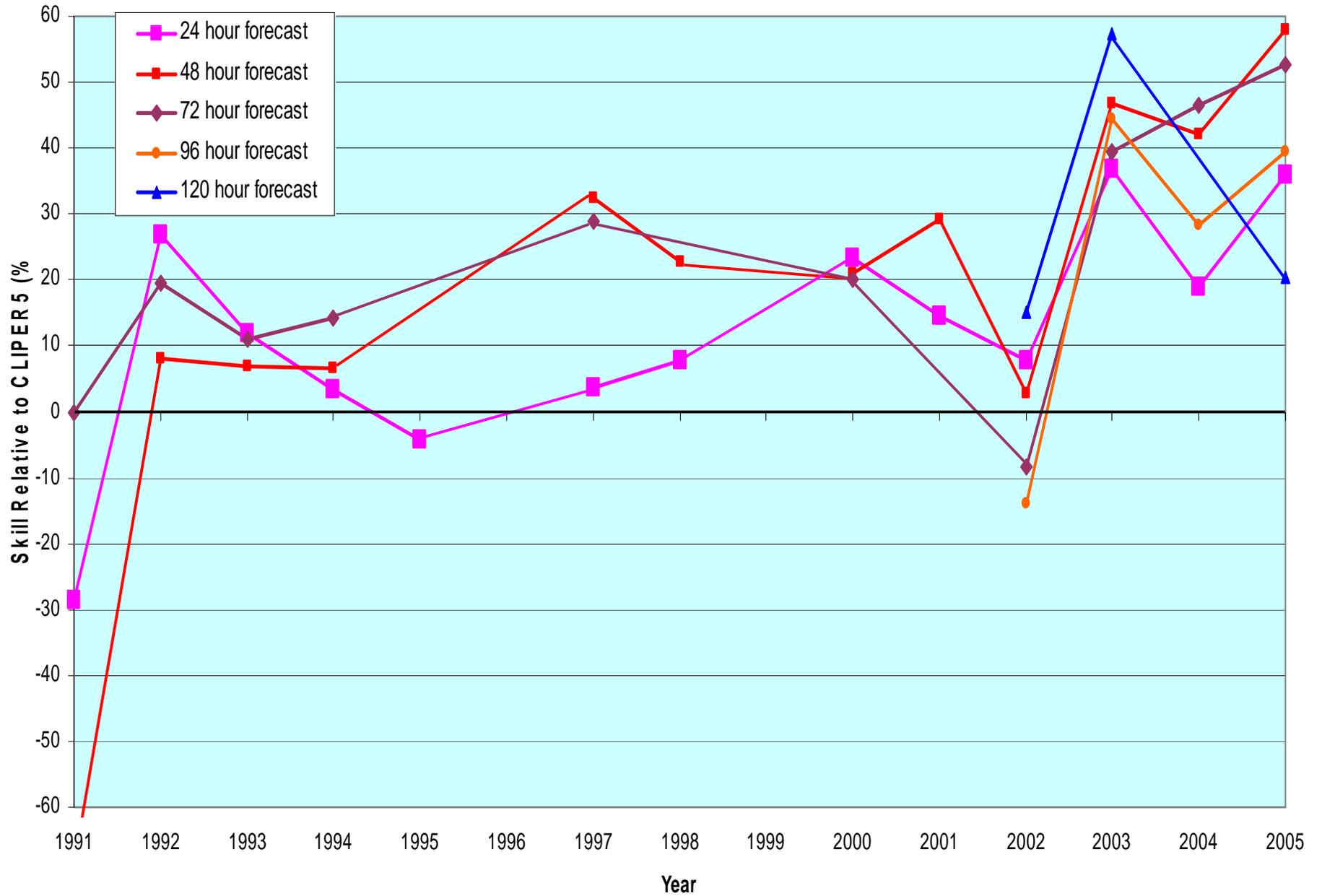


# CPHC Forecast Track Verification 2005 vs Long-Term

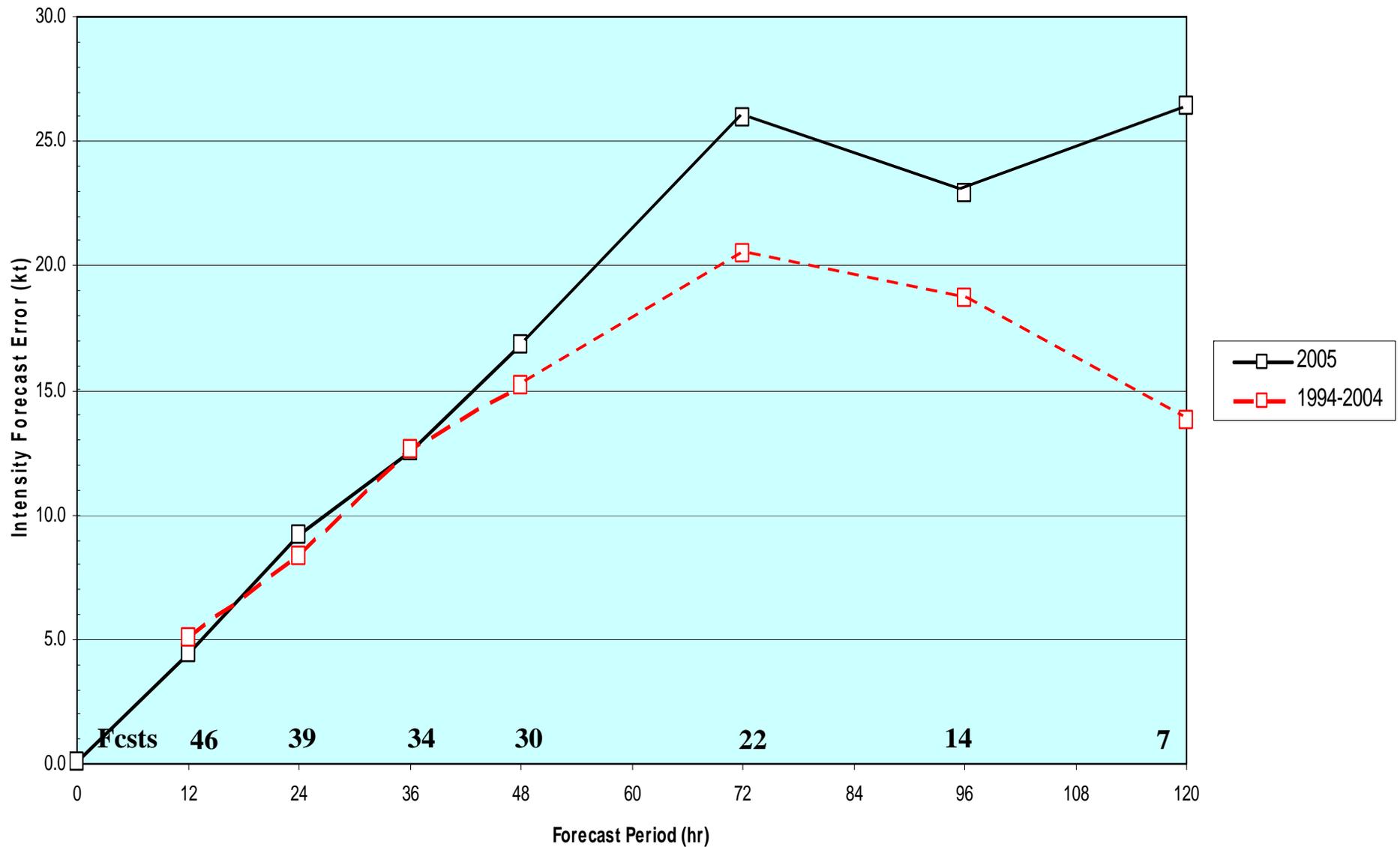




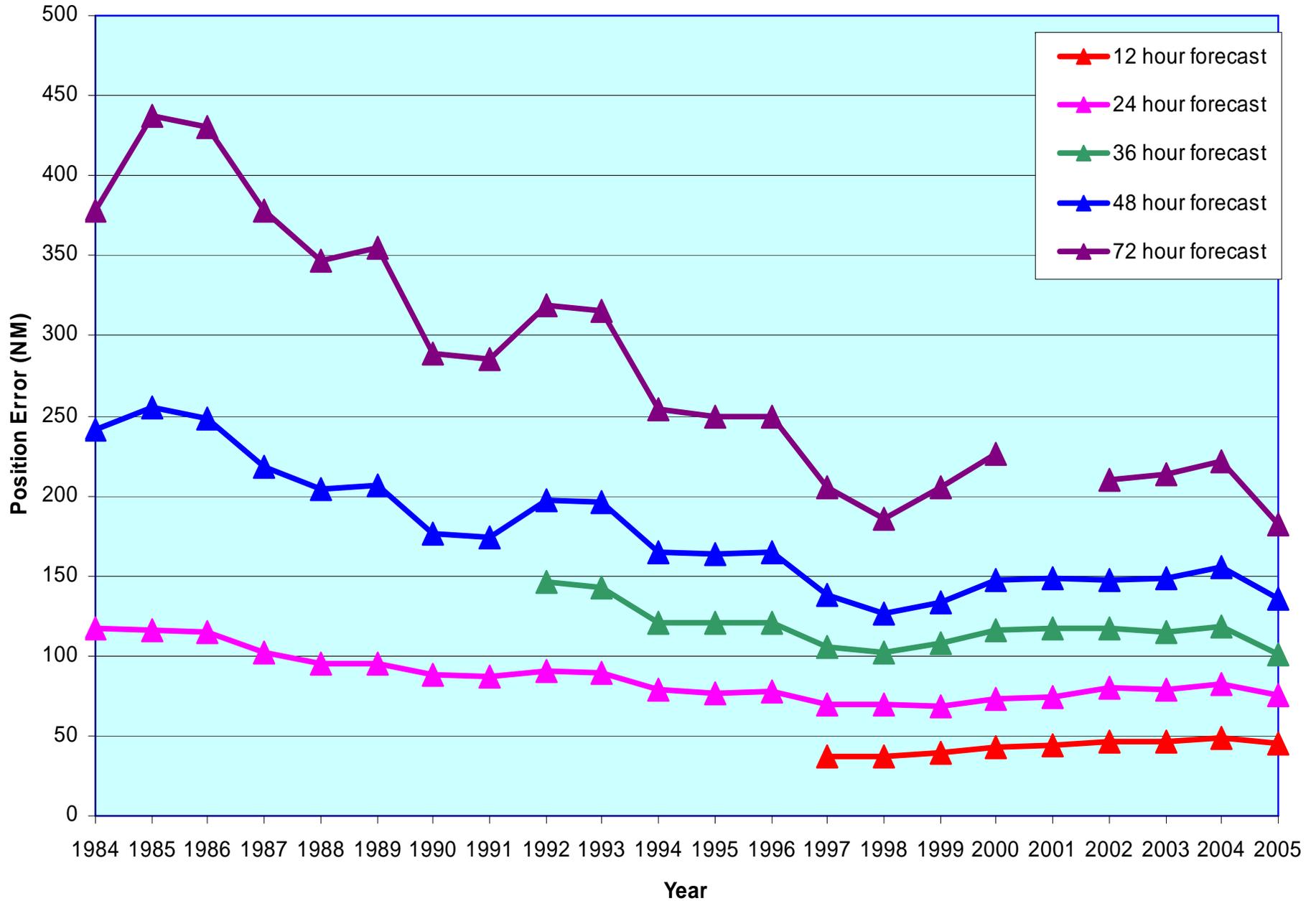
# CHPC Tropical Cyclone Track Forecast Skill Trend



# CPHC Forecast Intensity Verification 2005 vs Long-Term



# CPHC Tropical Cyclone Track Forecast Five Year Running Mean Error



# OTHER ITEMS OF INTEREST

**Rebesting Tropical Cyclone Tracks and  
Updating TC Systems Climatology for  
Central Pacific**

- Working with UH Dr. Chiu**
- Added TS in 1989, Hurricane in 1975, and several TDs in the 60s and early 70s**

# OTHER ITEMS OF INTEREST

Hawaii Rainfall Feb18 to Mar 20 (31 Days)

- Mount Waialeale 116.1 inches (Kauai)
- Wailua 47.98 inches (Kauai)
- Hanalei River 40.66 inches (Kauai)
- Poamoho 65.60 inches (Oahu)
- Wilson Tunnel 42.20 inches (Oahu)
- West Wailuaiki 34.05 (Maui)

# OTHER ITEMS OF INTEREST

- Kaupo Gap 35.91 inches (Maui)
- Waiakea 48.25 inches (Big Island)
- Glenwood 49.98 inches (Big Island)
  
- Kauai 3 to 6 times normal
- Oahu 2 to 3 times normal
- SE Big Island 2 to 4 times normal



Questions ?