

Regional Hurricane Impact 2004 and 2005 Seasons

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Research Workshop
Electric Infrastructure Hardening
PURC & University of Florida
June 9, 2006

Florida Public Utilities Company Description

- Small Investor Owned Electric Utility
- Approximately 27,500 Customers
- Small Service Territories Located On Amelia Island And In The Florida Panhandle (Marianna)

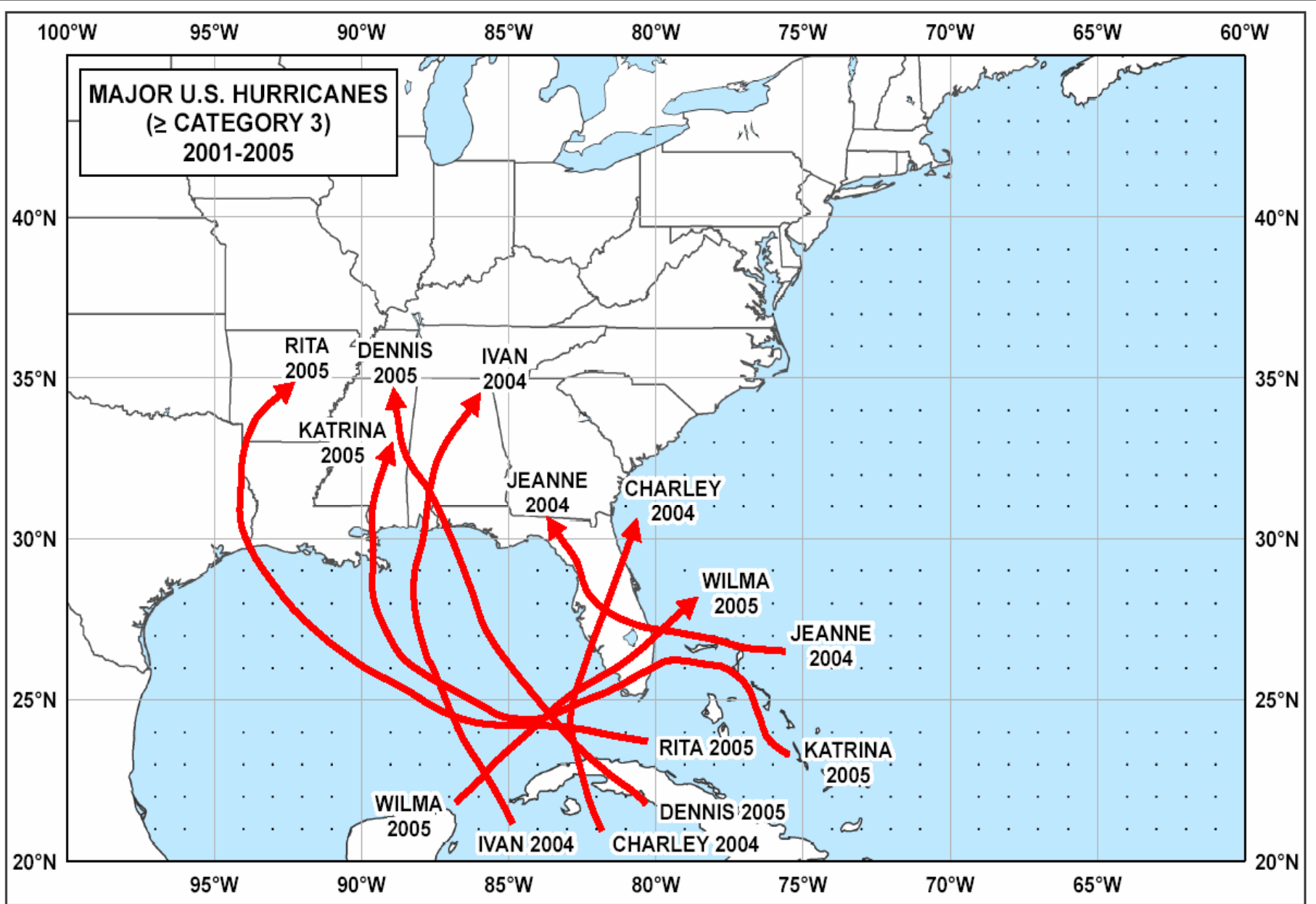


Figure 16. Landfalling United States major hurricanes (stronger than or equal to a category 3) during the period 2001-2005.

Source: National Hurricane Center Archive

Hurricane Damage During 2004 and 2005 Hurricane Seasons

- Only Severe Damage Caused By Tornadoes Associated With Hurricane Ivan
- Minimal Damage Sustained From Winds Associated With Seven (7) Named Hurricanes
- Total Of 74 Poles (0.3% of total) Were Damaged During The Hurricanes
- Total Of 3.25 Miles (0.3% of total) Of Wire Was Replaced During the Hurricanes

System Restoration

- Tornadoes Caused Severe Damage During Hurricane Ivan
- Damage From Hurricane Winds Was Minimal In Most Cases
- Inventory Was Available To Make All Repairs During Hurricane Restoration
- Additional Manpower And Resources Were Secured During All Hurricanes
- Longest Customer Outage Was Five (5) Days During Hurricane Ivan

Research Needs

- Better Prediction Tools
 - Hurricane Behavior and Impact
 - Storm Surge
- Economical Alternatives in Construction Materials
- Unconventional Approaches in Vegetation Management