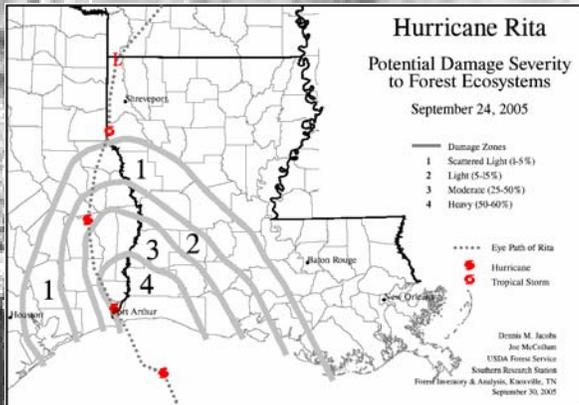


Major hurricanes from the 2004 and 2005 hurricane seasons



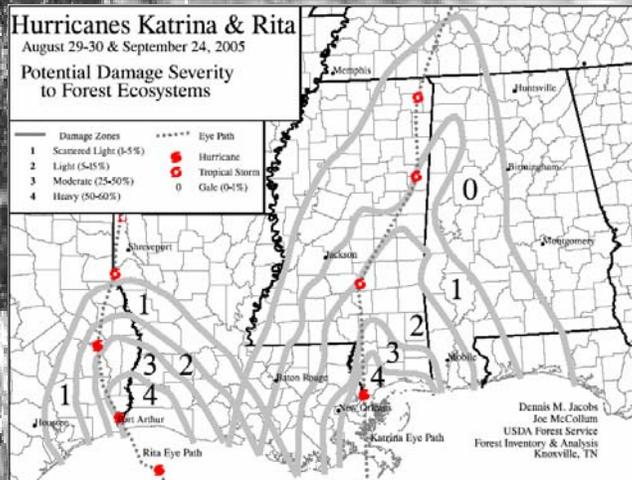
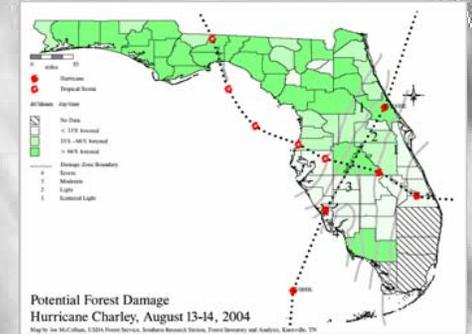
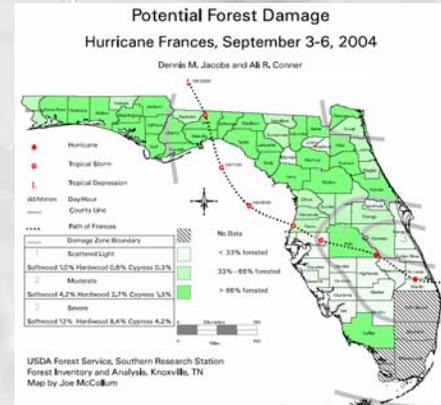
Major hurricanes from the 2004 and 2005 hurricane seasons
Dennis M. Jacobs, USFS-SRS, Forest Inventory & Analysis

Starting with the timber damage assessments of Hurricanes Charley and Frances in 2004, several major hurricanes were mapped and assessed. These included Hurricanes Ivan and Jeanne in 2004, and Hurricanes Katrina and Rita during 2005. This collage of those six hurricanes portrays the overwhelming potential change and impact to Southern forest ecosystems and supports the concept that change is constant in the South.

Table 1-1. Wind Speeds of the Saffir-Simpson Hurricane Scale

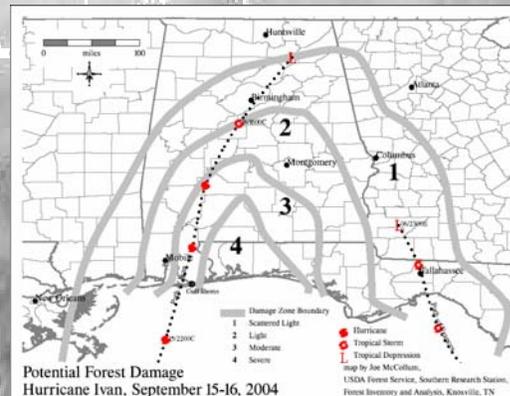
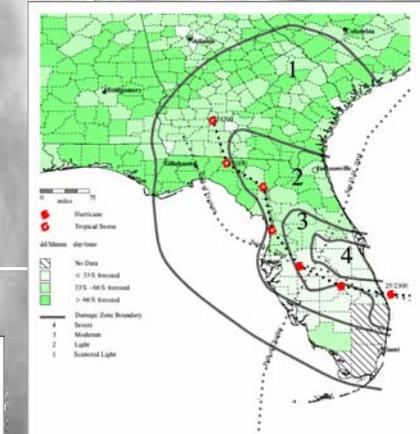
Strength	Sustained Wind Speed (mph)**	Gust Wind Speed (mph)**	Pressure (millibars)
Category 1	74 - 95	95 - 119	>980
Category 2	96 - 110	120 - 139	965 - 979
Category 3	111 - 130	140 - 164	945 - 964
Category 4	131 - 155	165 - 194	920 - 944
Category 5	>155	>194	<920

* 1-minute sustained over open water ** Second peak gust over open water



2004 Hurricane Events in Florida

Hurricane / Named Storm	US Landfall Date	Category / Max. Wind Speed at Landfall	Estimated Winds / Gusts at Landfall	Duration of Storm at Landfall
Charley - 04a	Sept 13/14	GA3 / CAT 4	140 / 180	8 Hours
Frances - 04b	Sept 3/4	GA3 / CAT 2	90 / 115	22 Hours
Ivan - 04c	Oct 23/24	GA3 / CAT 4	130 / 165	8 Hours
Jeanne - 04d	Sept 25/26	GA3 / CAT 3	115 / 130	12 Hours



Dennis M. Jacobs
Forest Inventory & Analysis
4700 Old Kingston Pike
Knoxville, TN 37919



Background satellite image of Hurricane Katrina provided by National Oceanic and Atmospheric Administration (NOAA)

GOES-FLOATER VISIBLE - AUG 29 05 21:45 UTC

McIDAS