Nursing Homes Exposure to Wind: Hurricane Katrina

HAZUS MH
EARTHQUAKE · WIND · FLOOD

Nursing Home Wind Exposure: Hurricane Katrina

Final Windfield 8-29-05

▲ Nursing Home
— Current Hurricane Track
▢ State Boundaries

PeakGusts
- 0 - 50
- 51 - 65
- 66 - 80
- 81 - 95
- 96 - 110
- 111 - 125
- 126 - 140
- 141 - 155

0   12.5   25   50 Miles

Location Map
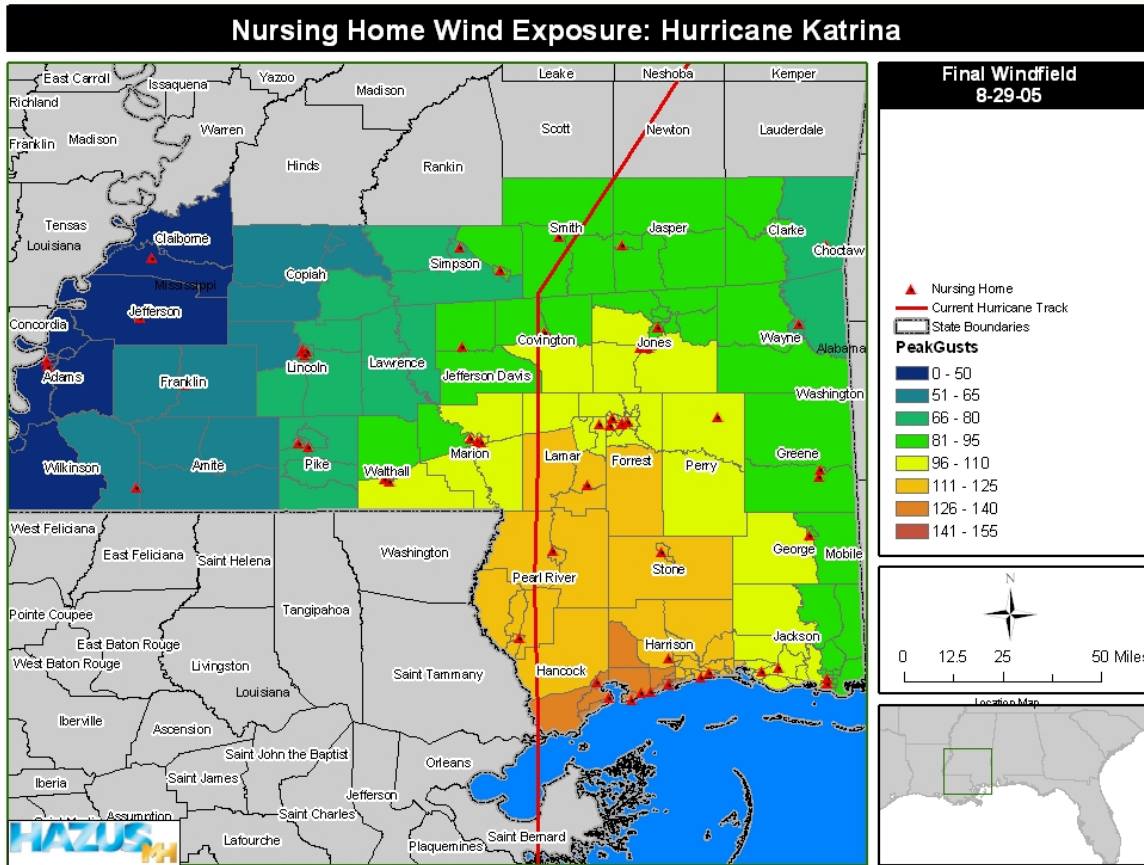
POTENTIAL USES

■ (Pre-event) update inventory of nursing homes

■ Identification of nursing homes with moderate to high probability of wind damage

■ Combine with SLOSH/surge analysis to identify nursing homes vulnerable to flooding (and wind damage)

Confidence Level in Analysis:
Moderate to High (depending on accuracy of inventory of Nursing Homes)
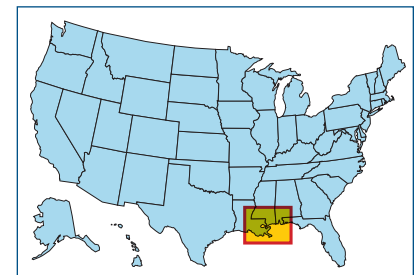
DATA AND ANALYSIS DISPLAYED:

■ Estimated Peak Gust Wind Speeds

■ Storm track

■ Nursing Homes

FEMA
U.S. DEPARTMENT OF HOMELAND SECURITY