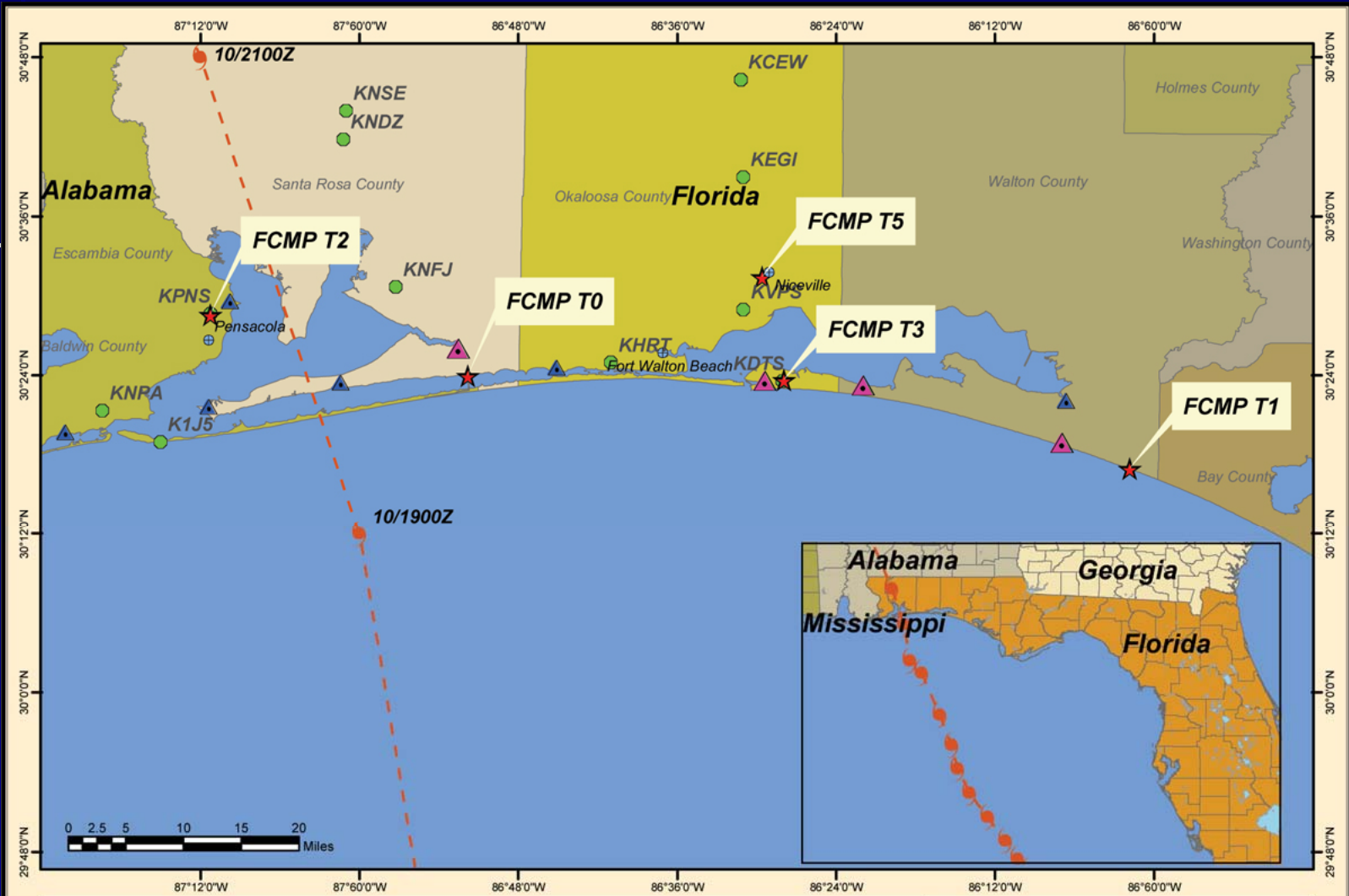


The Florida Coastal Building Zone

Successes and Failures
of Building Codes



**Florida Coastal Monitoring Program
Deployment for Hurricane Dennis
July 8-10, 2005**

For more information visit our web page at <http://www.ce.ufl.edu/~fcmp>

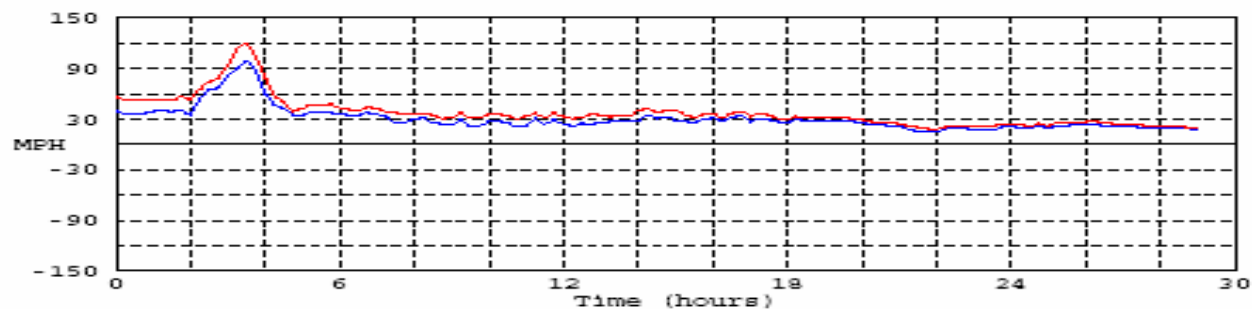
<ul style="list-style-type: none"> ★ FCMP Towers ▲ Instrumented Houses ▲ FCMP Houses ● Hurricane Dennis 	<ul style="list-style-type: none"> ● ASOS ● BUOY ● C-MAN ● WSR-88D
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TOWER--Mobile Wind Tower Data Acquisition and Analysis System
Clemson University Department of Civil Engineering

Storm: Dennis
Location: Navarre Beach
Storm Date: 7/10/05

Analyst: Forrest Masters
Tower: T0
Analysis Date: 7/13/2005

Summary of Analysis for the Period--Lower Gill Anemometers
Maximum 60s and 3s average for Each Segment
Maximum 3s average: 120.7 MPH
Maximum 60s average: 98.98 MPH

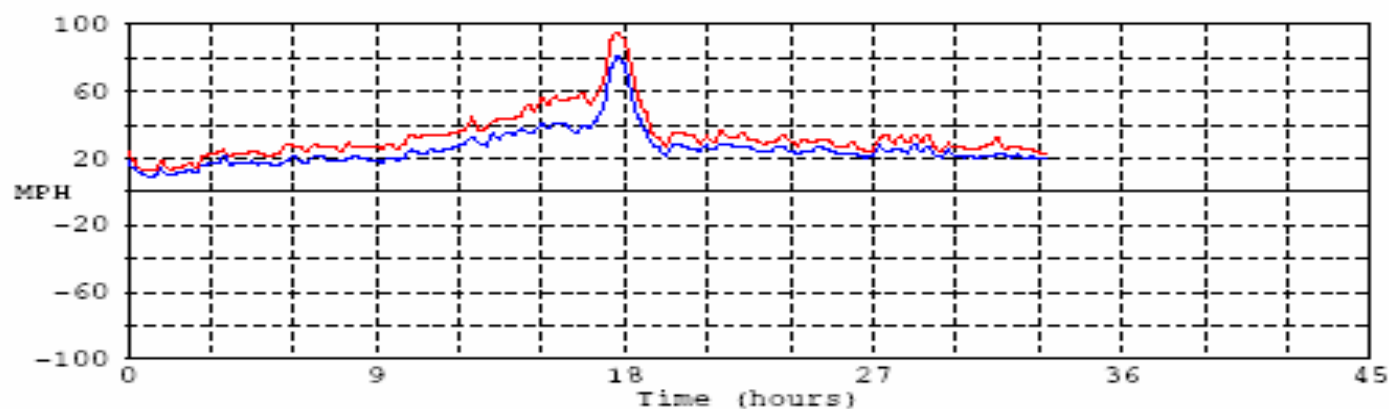


TOWER--Mobile Wind Tower Data Acquisition and Analysis System
Clemson University Department of Civil Engineering

Storm: dennis
Location: pensacola
Storm Date:

Analyst: masters
Tower: 2
Analysis Date:

Summary of Analysis for the Period--Upper Gill Anemometers
Maximum 60s and 3s average for Each Segment
Maximum 3s average: 95.54 MPH
Maximum 60s average: 81.59 MPH







































DUPONT
Tyvek
HomeWrap

DUPONT
Tyvek
HomeWrap

DUPONT
Tyvek
HomeWrap







EIFS Failure

Navarre Beach



EIFS Failure
Navarre Beach



EIFS Failure
Navarre Mainland



EIFS Failure

Pensacola Beach



Vinyl Siding over homosote board

Vero Beach- on the ocean



Vinyl Siding over homosote board

Vero Beach- on the ocean



Vinyl Siding over homosote board

Vero Beach- on the ocean



Case Study - Roof Tile Missile Field

Cul-de-sac – On Charlotte Harbor – Punta Gorda Isles



Case Study - Roof Tile Missile Field

Cul-de-sac – On Charlotte Harbor – Punta Gorda Isles



Case Study - Roof Tile Missile Field
Cul-de-sac – On Charlotte Harbor – Punta Gorda Isles

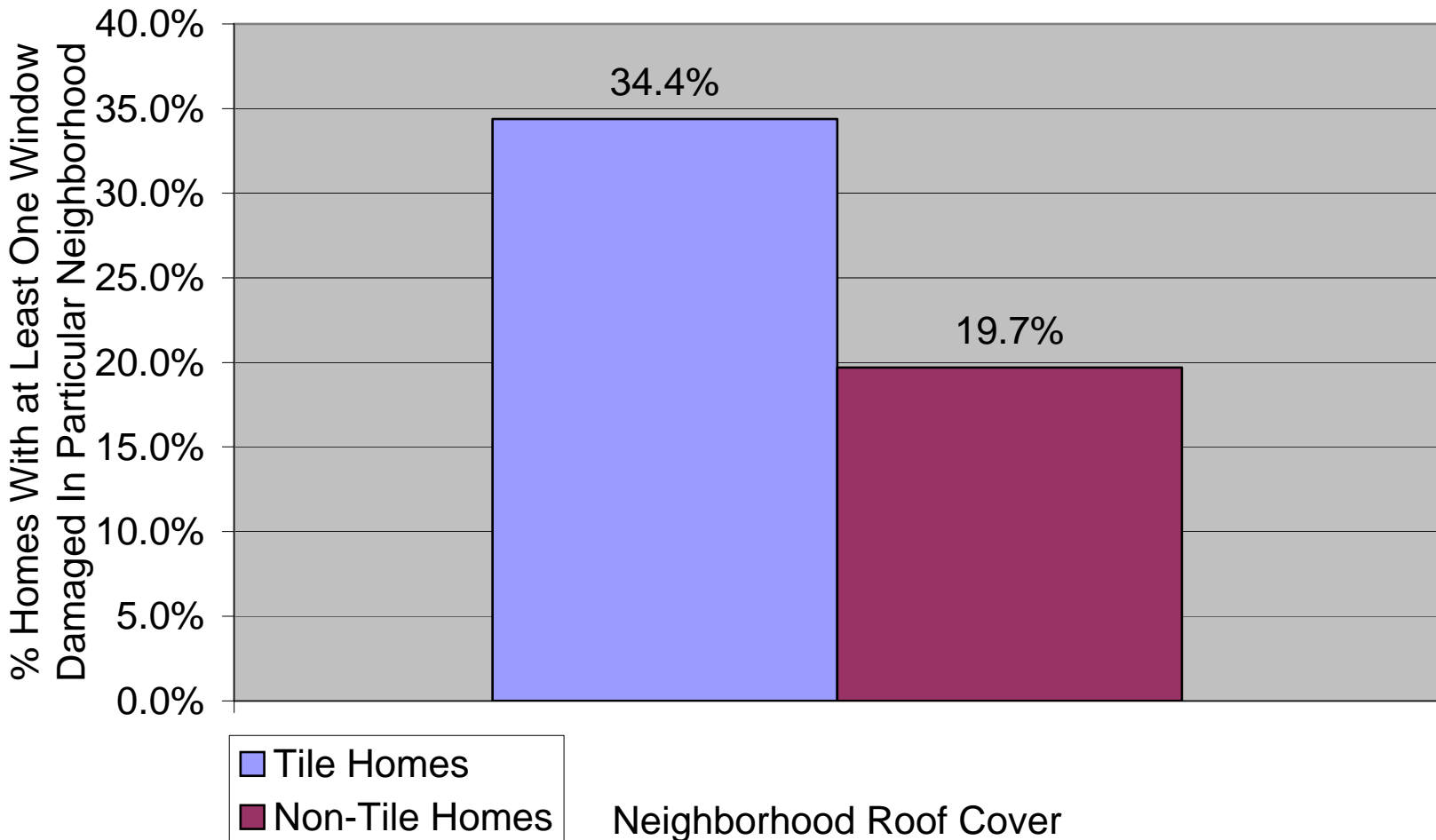


Case Study - Roof Tile Missile Field

Cul-de-sac – On Charlotte Harbor – Punta Gorda Isles

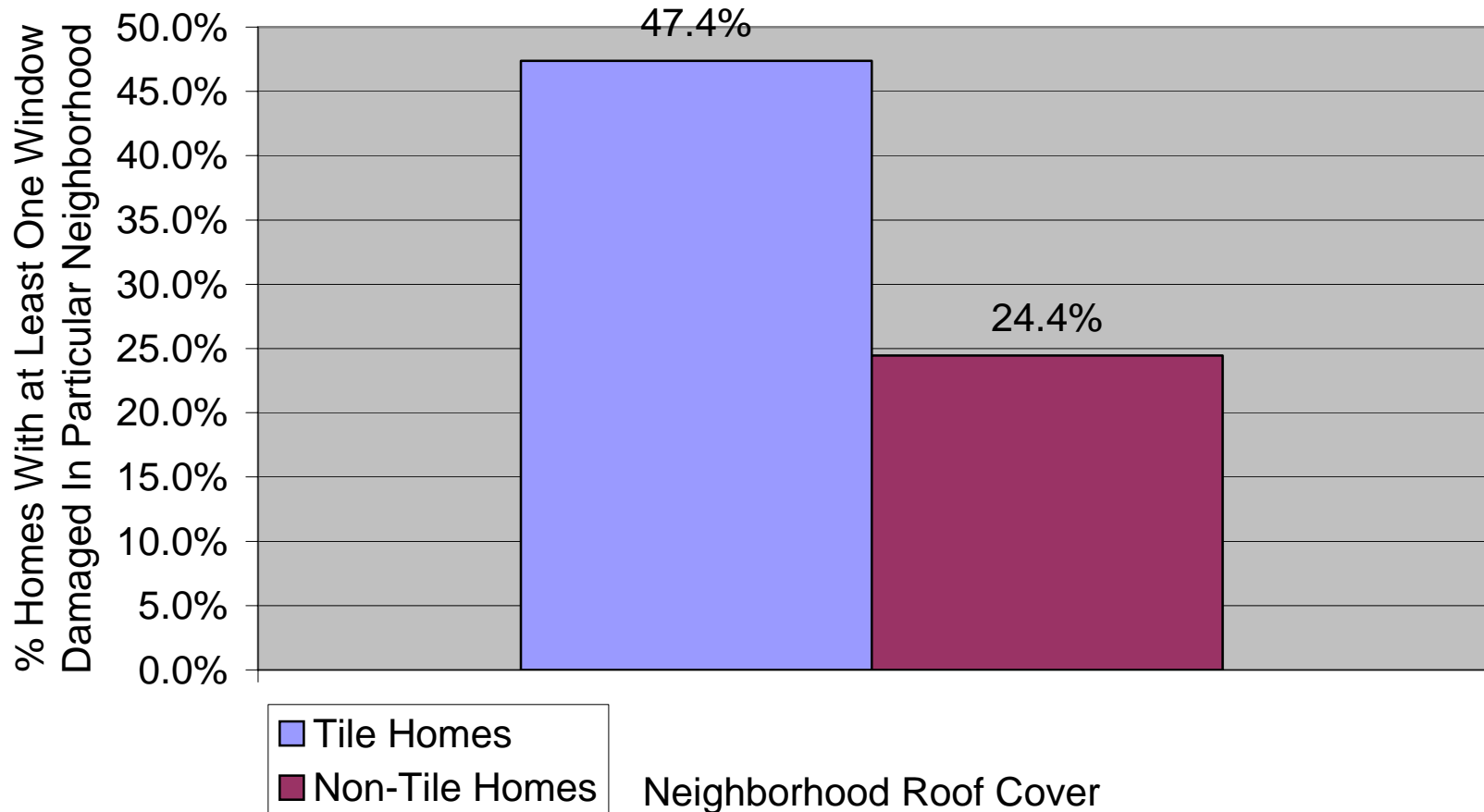
Overall Window Damage: Tile vs. Shingle Neighborhoods (zones 10&11)

Homes with Window Damage by Dominant Neighborhood Roof Cover:
Wind Zones 10 and 11 from Hurricane Charley (98)



Unprotected Window Damage: Tile vs. Shingle Neighborhoods (zones 10&11)

Homes with Window Damage and No Protection by Dominant Neighborhood Roof Cover: Wind Zones 10 and 11 from Hurricane Charley (64)



Protected Window Damage: Tile vs. Shingle Neighborhoods (zones 10&11)

Homes with Window Damage and Protection by Dominant Neighborhood
Roof Cover: Wind Zones 10 & 11 from Hurricane Charley (34)

