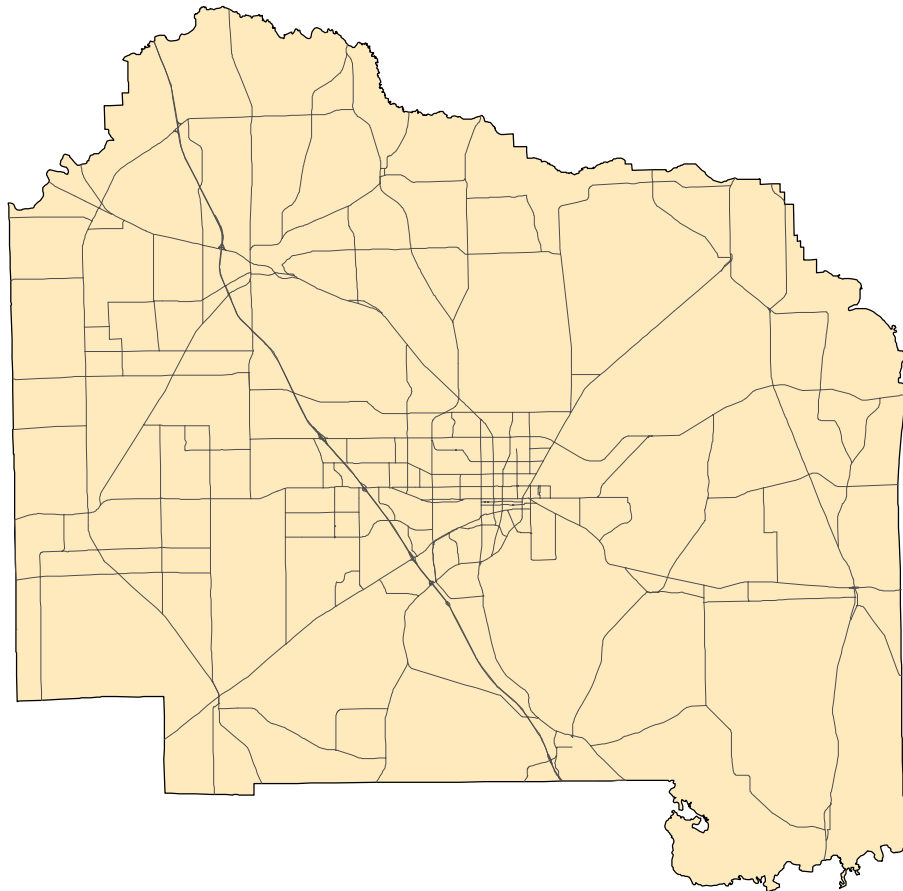


110



0 3 6 12 18 24
Miles

June 28, 2011

ALACHUA

Figure 1609C

Ultimate Design Wind Speeds

Risk Category I Buildings

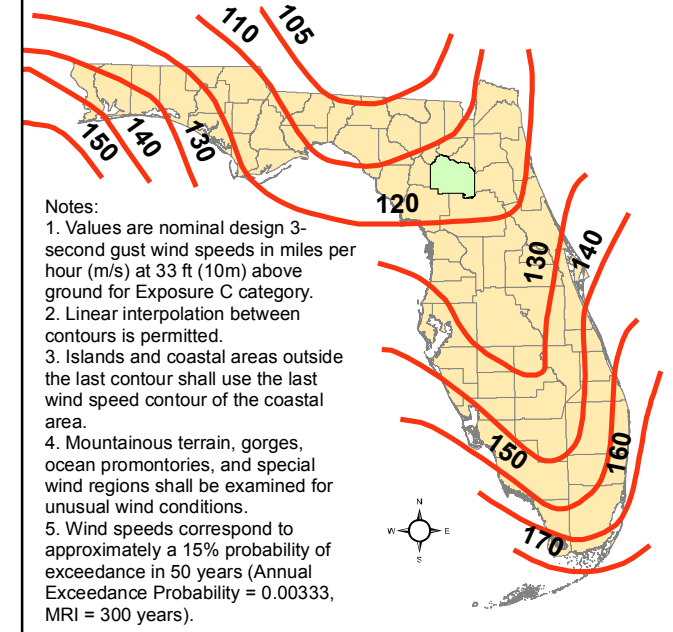
BASIC WIND SPEED. The basic wind speed in miles per hour, for the development of wind loads, shall be determined from Figure 1609. The exact location of wind speed lines shall be established by local ordinance using recognized physical landmarks such as major roads, canals, rivers and lake shores whenever possible.

WIND-BORNE DEBRIS REGION. Areas within hurricane-prone regions located:

1. Within 1 mile (1.61 km) of the coastal mean high water line where the ultimate design wind speed V_{ult} is 130 mph (48 m/s) or greater; or
2. In areas where the ultimate design wind speed V_{ult} is 140 mph (53 m/s) or greater

For Risk Category II buildings and structures and occupancy category III buildings and structures, except health care facilities, the windborne debris region shall be based on Figure 1609A. For occupancy category IV buildings and structures and occupancy category III health care facilities, the windborne debris region shall be based on Figure 1609B.

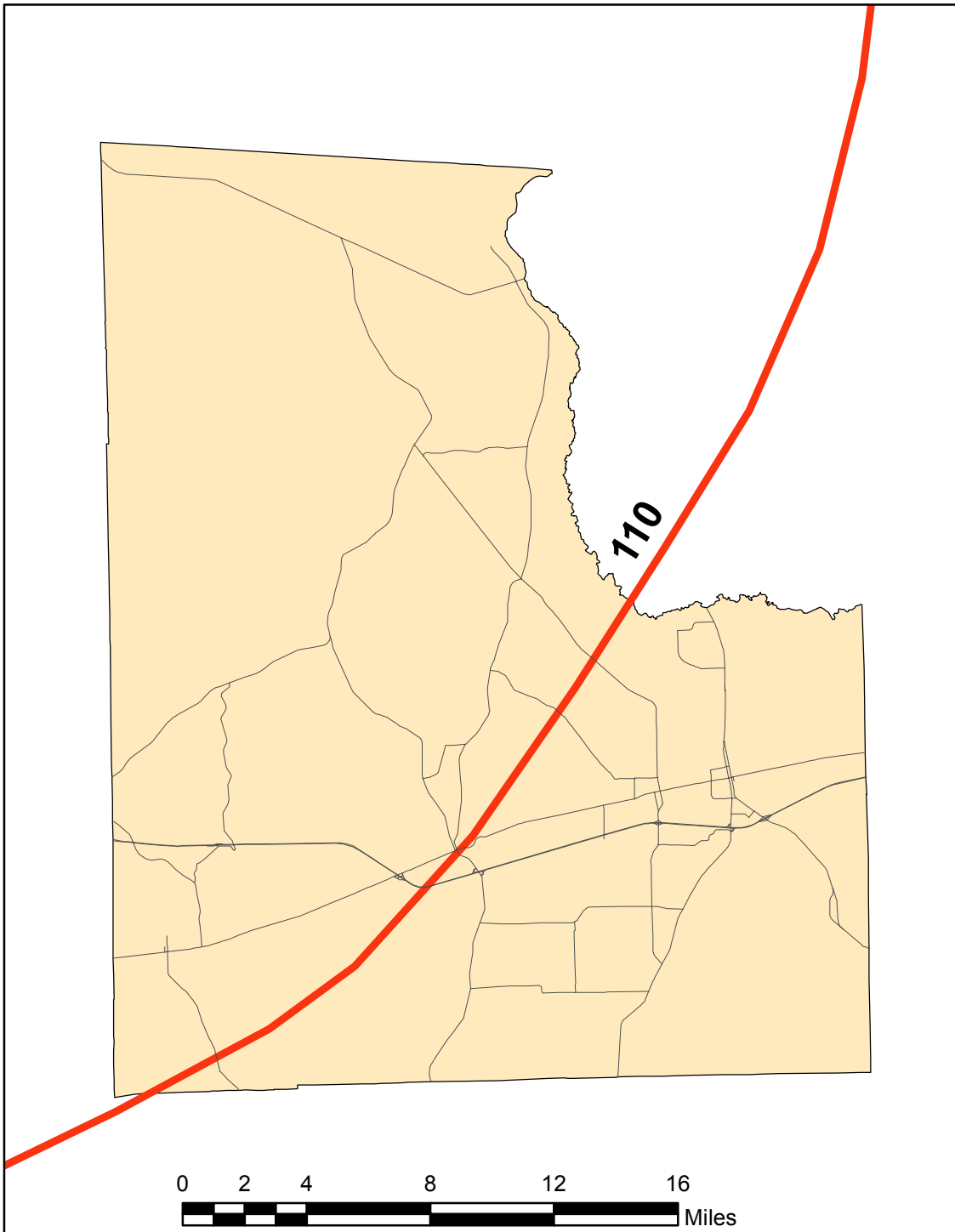
Figure 1609C Ultimate Design Wind Speeds, for Risk Category I Buildings and Other Structures



Notes:

1. Values are nominal design 3-second gust wind speeds in miles per hour (m/s) at 33 ft (10m) above ground for Exposure C category.
2. Linear interpolation between contours is permitted.
3. Islands and coastal areas outside the last contour shall use the last wind speed contour of the coastal area.
4. Mountainous terrain, gorges, ocean promontories, and special wind regions shall be examined for unusual wind conditions.
5. Wind speeds correspond to approximately a 15% probability of exceedance in 50 years (Annual Exceedance Probability = 0.00333, MRI = 300 years).

Sources: Florida Department of Community Affairs, Codes and Standards Division; Applied Research Associates, Inc.; Florida Geographic Data Library



June 28, 2011

BAKER

Figure 1609C

Ultimate Design Wind Speeds

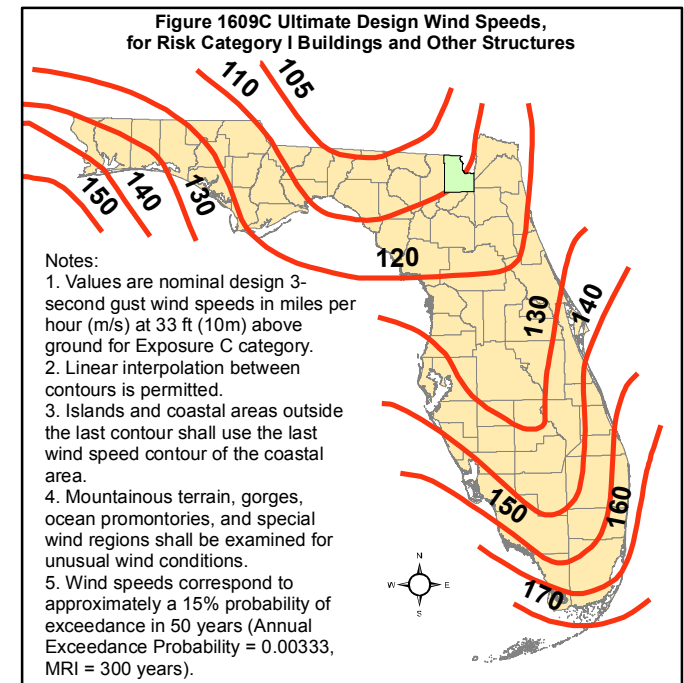
Risk Category I Buildings

BASIC WIND SPEED. The basic wind speed in miles per hour, for the development of wind loads, shall be determined from Figure 1609. The exact location of wind speed lines shall be established by local ordinance using recognized physical landmarks such as major roads, canals, rivers and lake shores whenever possible.

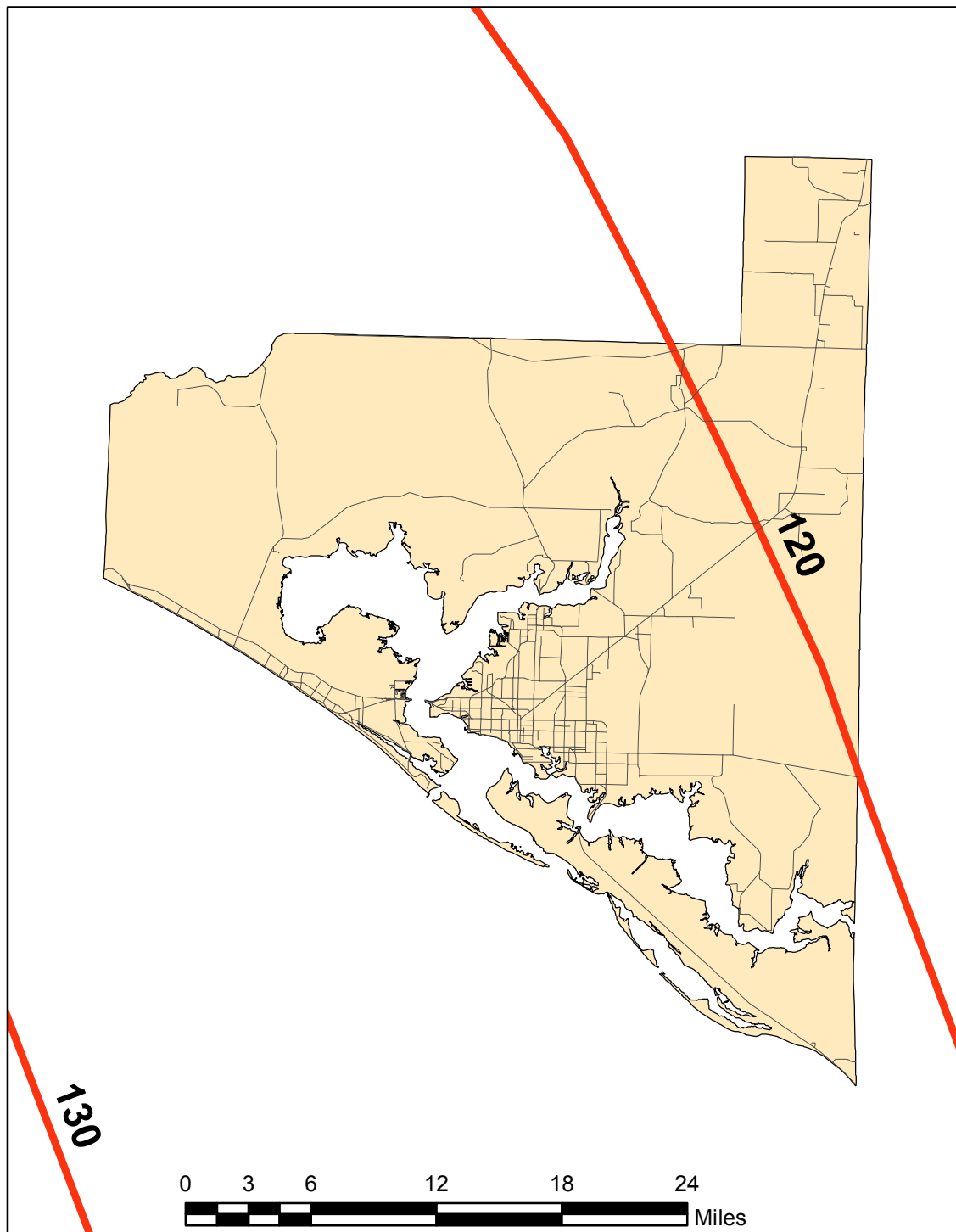
WIND-BORNE DEBRIS REGION. Areas within hurricane- prone regions located:

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Sources: Florida Department of Community Affairs, Codes and Standards Division; Applied Research Associates, Inc.; Florida Geographic Data Library



June 28, 2011

BAY

Figure 1609C

Ultimate Design Wind Speeds

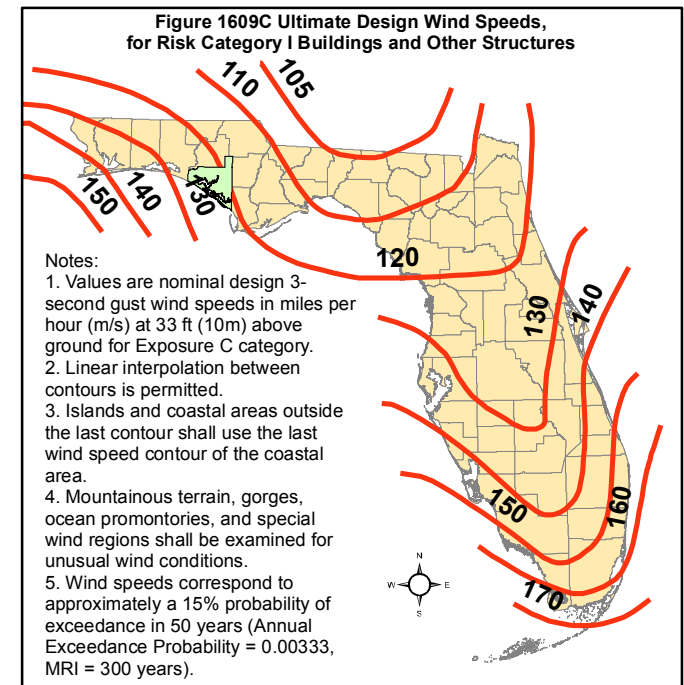
Risk Category I Buildings

BASIC WIND SPEED. The basic wind speed in miles per hour, for the development of wind loads, shall be determined from Figure 1609. The exact location of wind speed lines shall be established by local ordinance using recognized physical landmarks such as major roads, canals, rivers and lake shores whenever possible.

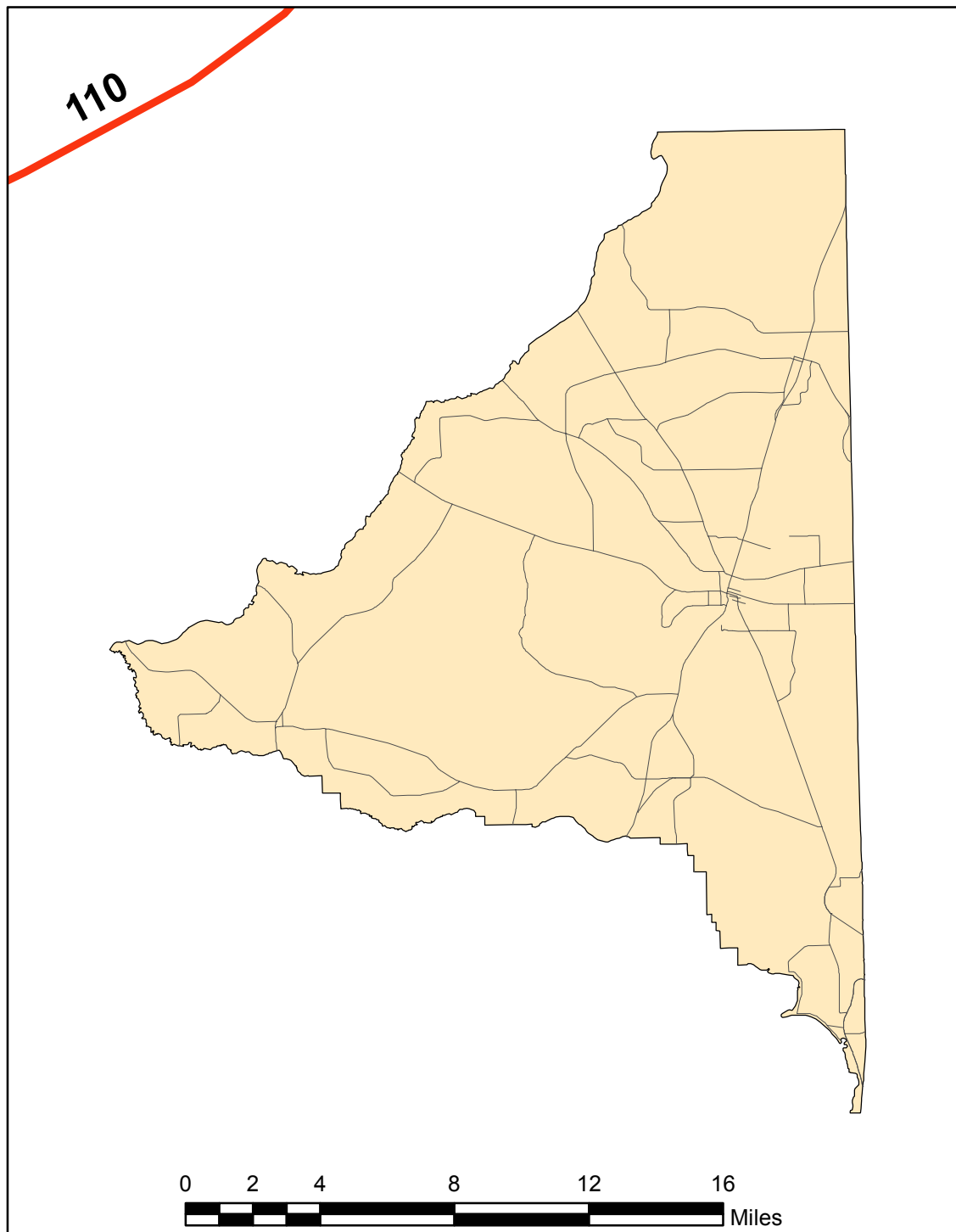
WIND-BORNE DEBRIS REGION. Areas within hurricane- prone regions located:

1. Within 1 mile (1.61 km) of the coastal mean high water line where the ultimate design wind speed V_{ult} is 130 mph (48 m/s) or greater; or
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Sources: Florida Department of Community Affairs, Codes and Standards Division; Applied Research Associates, Inc.; Florida Geographic Data Library



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BRADFORD

Figure 1609C

Ultimate Design Wind Speeds

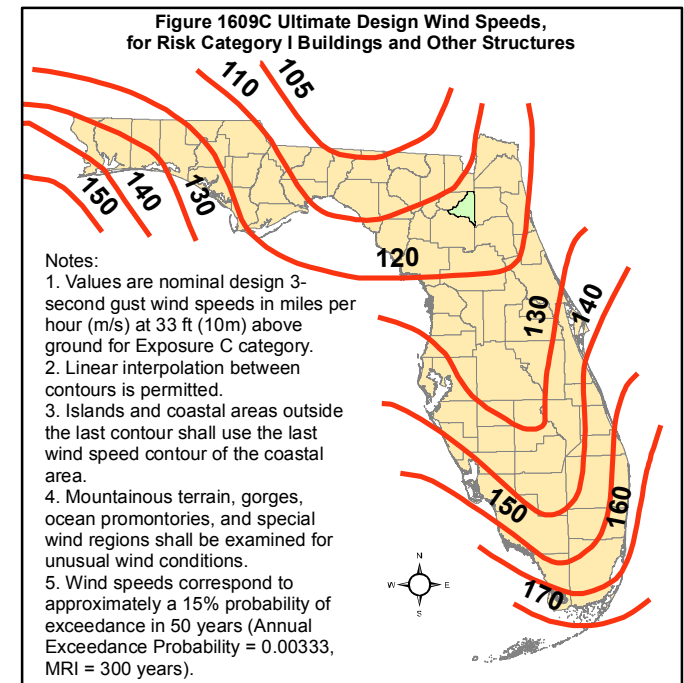
Risk Category I Buildings

BASIC WIND SPEED. The basic wind speed in miles per hour, for the development of wind loads, shall be determined from Figure 1609. The exact location of wind speed lines shall be established by local ordinance using recognized physical landmarks such as major roads, canals, rivers and lake shores whenever possible.

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1. Within 1 mile (1.61 km) of the coastal mean high water line where the ultimate design wind speed V_{ult} is 130 mph (48 m/s) or greater; or
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Sources: Florida Department of Community Affairs, Codes and Standards Division; Applied Research Associates, Inc.; Florida Geographic Data Library

BREVARD

Figure 1609C Ultimate Design Wind Speeds Risk Category I Buildings

BASIC WIND SPEED. The basic wind speed in miles per hour, for the development of wind loads, shall be determined from Figure 1609. The exact location of wind speed lines shall be established by local ordinance using recognized physical landmarks such as major roads, canals, rivers and lake shores whenever possible.

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1. Within 1 mile (1.61 km) of the coastal mean high water line where the ultimate design wind speed V_{ult} is 130 mph (48 m/s) or greater; or
2. In areas where the ultimate design wind speed V_{ult} is 140 mph (53 m/s) or greater

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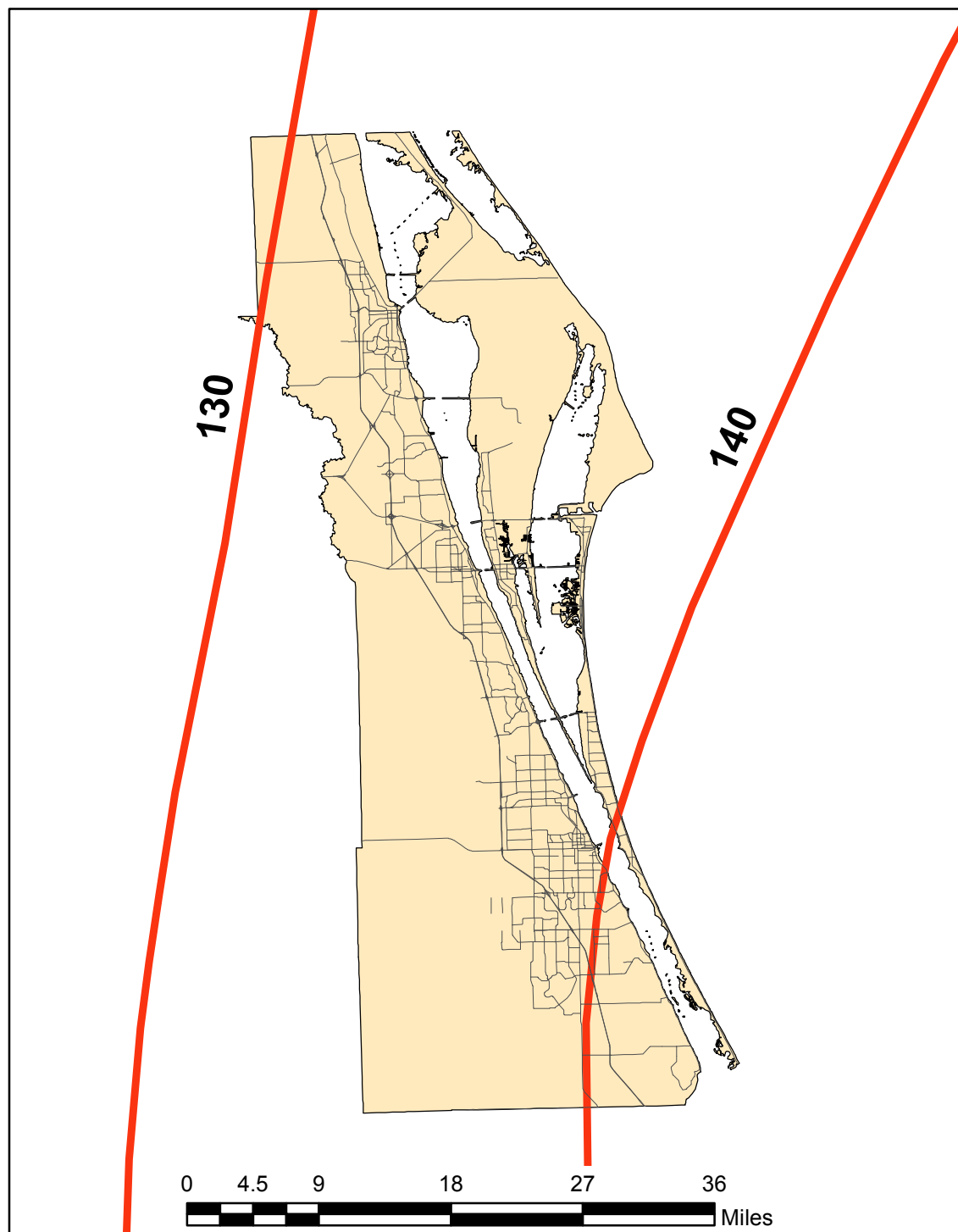
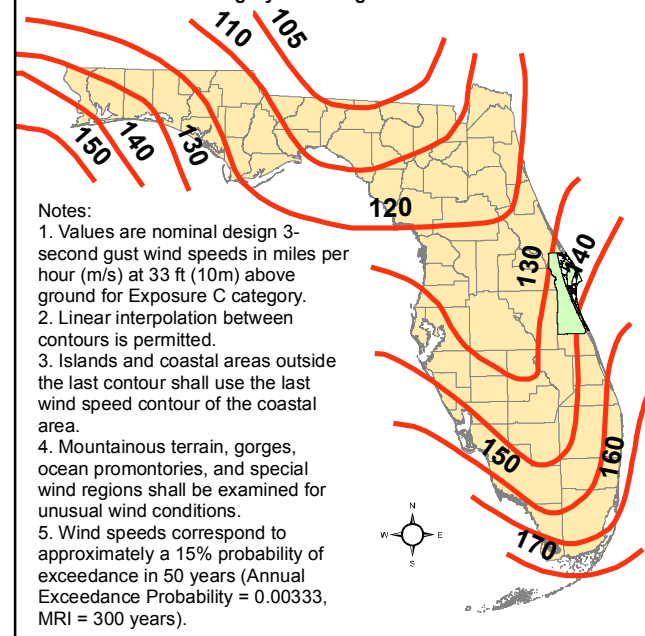
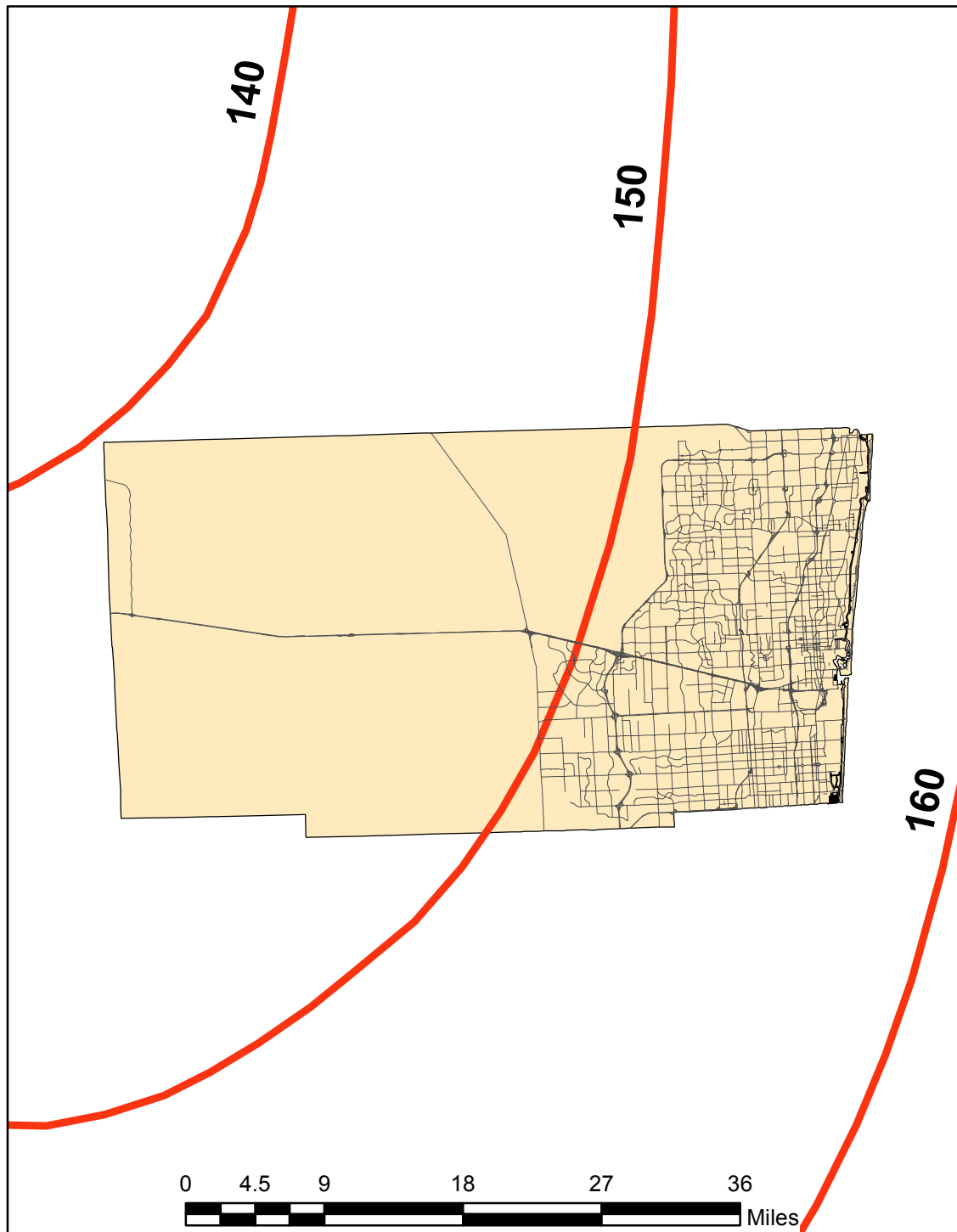


Figure 1609C Ultimate Design Wind Speeds,
for Risk Category I Buildings and Other Structures



Sources: Florida Department of Community Affairs, Codes and Standards Division; Applied Research Associates, Inc.; Florida Geographic Data Library



June 28, 2011

BROWARD

Figure 1609C

Ultimate Design Wind Speeds

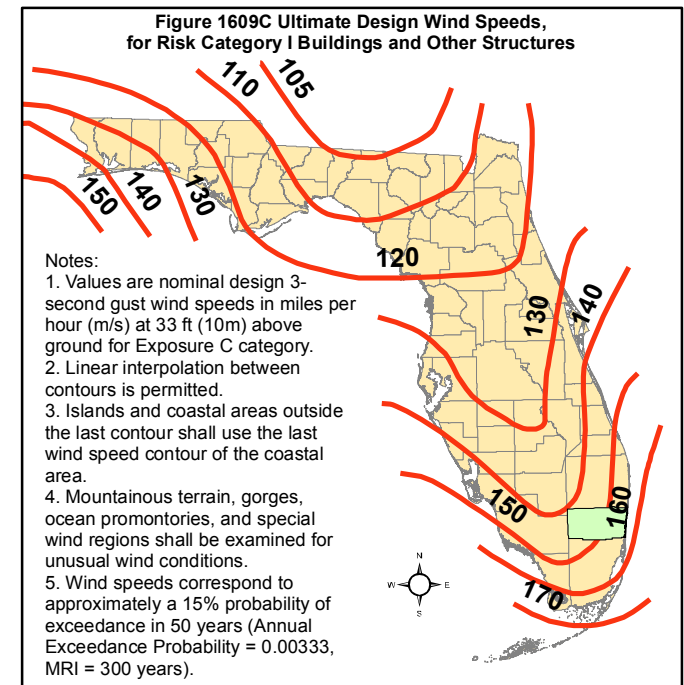
Risk Category I Buildings

BASIC WIND SPEED. The basic wind speed in miles per hour, for the development of wind loads, shall be determined from Figure 1609. The exact location of wind speed lines shall be established by local ordinance using recognized physical landmarks such as major roads, canals, rivers and lake shores whenever possible.

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Sources: Florida Department of Community Affairs, Codes and Standards Division; Applied Research Associates, Inc.; Florida Geographic Data Library

CALHOUN

Figure 1609C

Ultimate Design Wind Speeds

Risk Category I Buildings

BASIC WIND SPEED. The basic wind speed in miles per hour, for the development of wind loads, shall be determined from Figure 1609. The exact location of wind speed lines shall be established by local ordinance using recognized physical landmarks such as major roads, canals, rivers and lake shores whenever possible.

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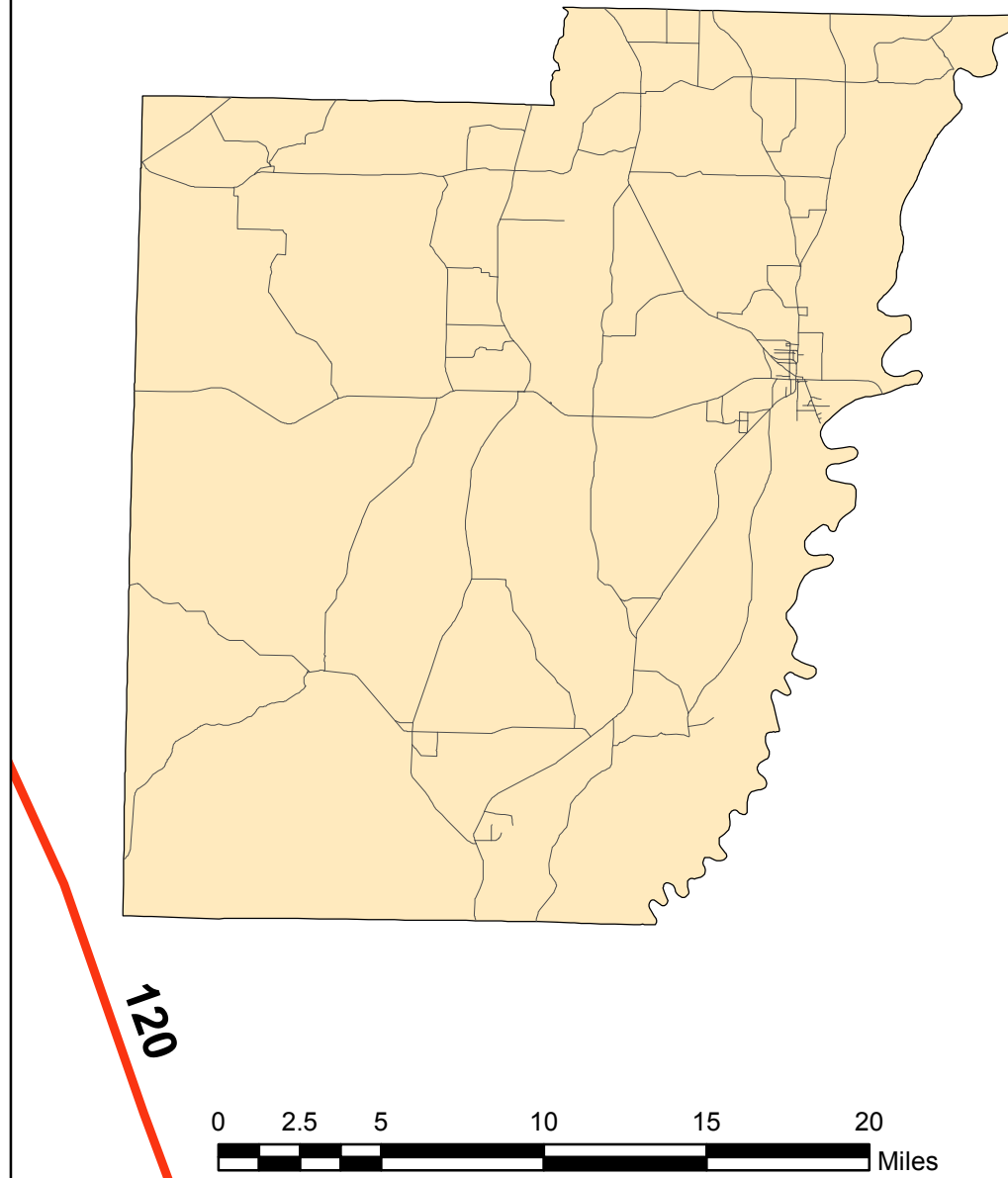
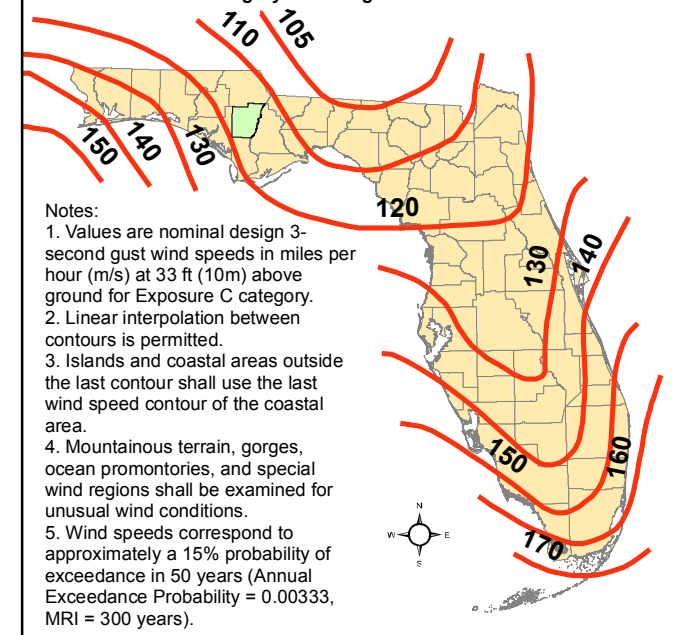
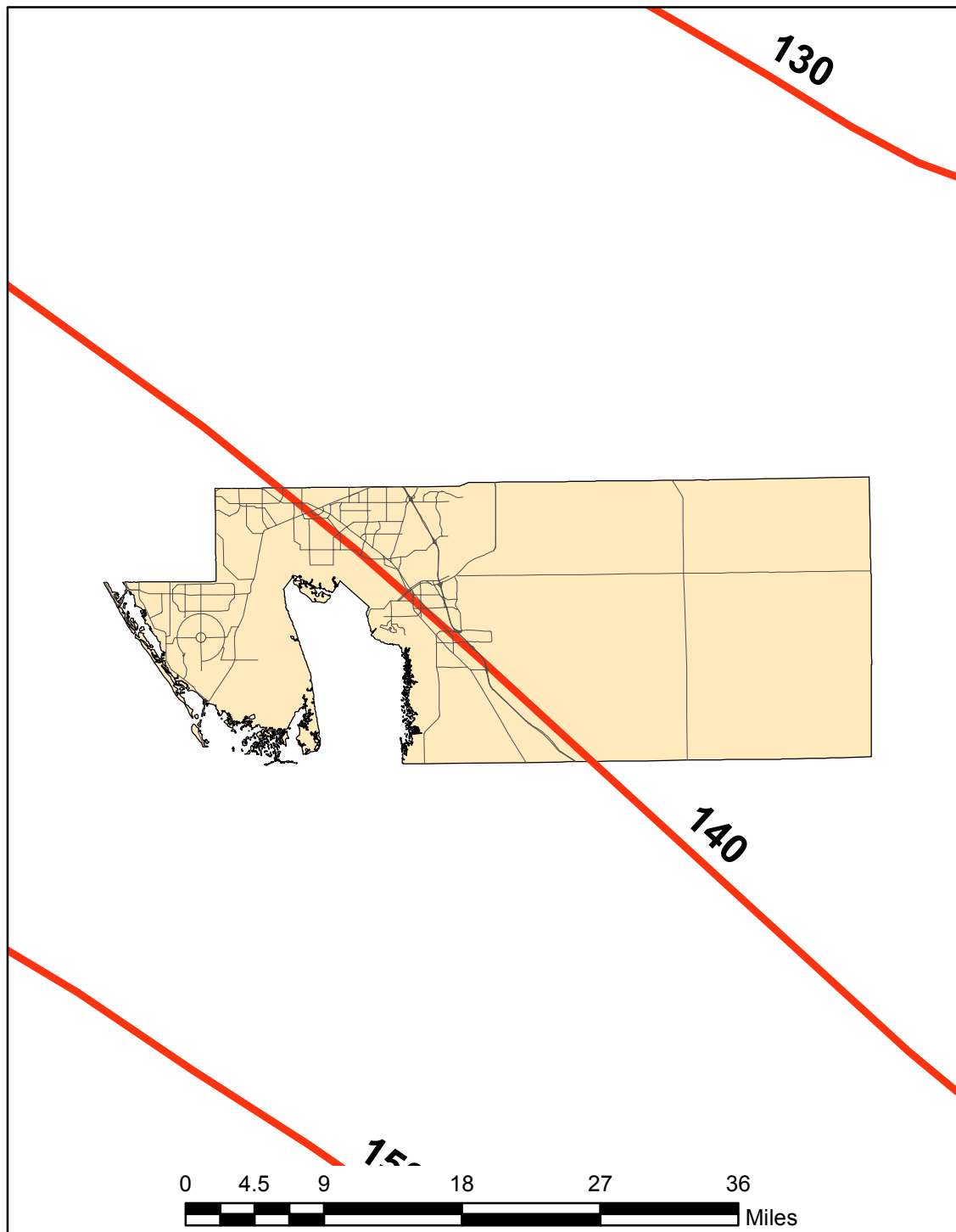


Figure 1609C Ultimate Design Wind Speeds, for Risk Category I Buildings and Other Structures



Sources: Florida Department of Community Affairs, Codes and Standards Division; Applied Research Associates, Inc.; Florida Geographic Data Library



June 28, 2011

CHARLOTTE

Figure 1609C

Ultimate Design Wind Speeds

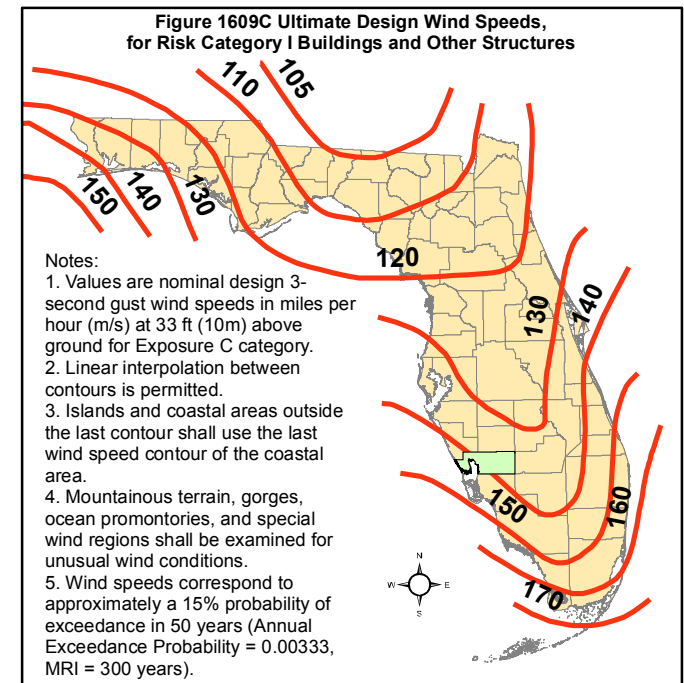
Risk Category I Buildings

BASIC WIND SPEED. The basic wind speed in miles per hour, for the development of wind loads, shall be determined from Figure 1609. The exact location of wind speed lines shall be established by local ordinance using recognized physical landmarks such as major roads, canals, rivers and lake shores whenever possible.

WIND-BORNE DEBRIS REGION. Areas within hurricane- prone regions located:

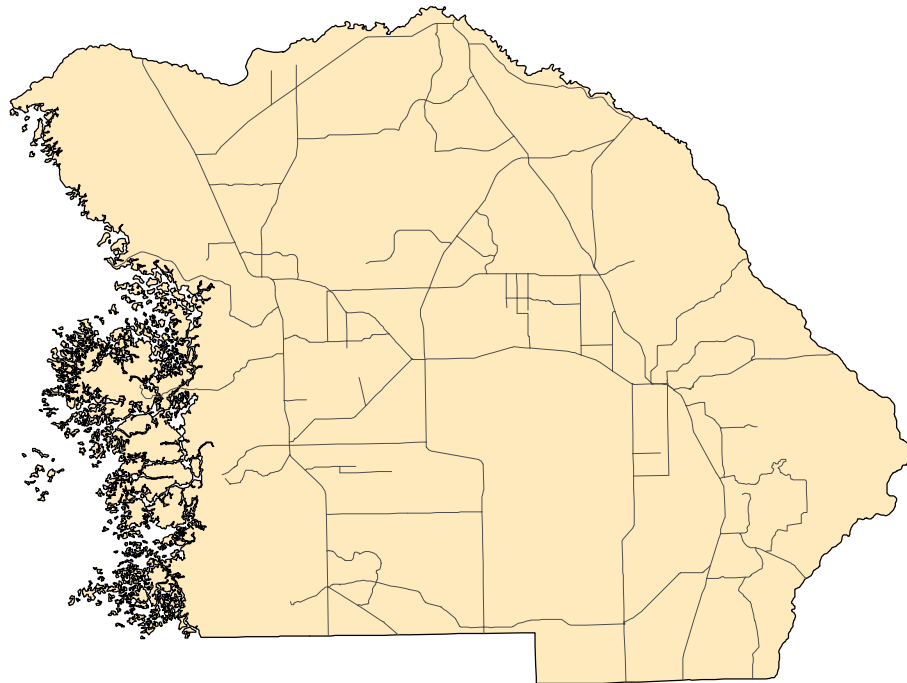
1. Within 1 mile (1.61 km) of the coastal mean high water line where the ultimate design wind speed V_{ult} is 130 mph (48 m/s) or greater; or
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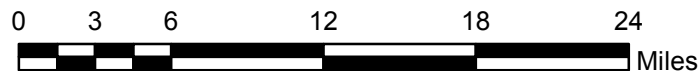


Sources: Florida Department of Community Affairs, Codes and Standards Division; Applied Research Associates, Inc.; Florida Geographic Data Library

120



130



June 28, 2011

CITRUS

Figure 1609C Ultimate Design Wind Speeds Risk Category I Buildings

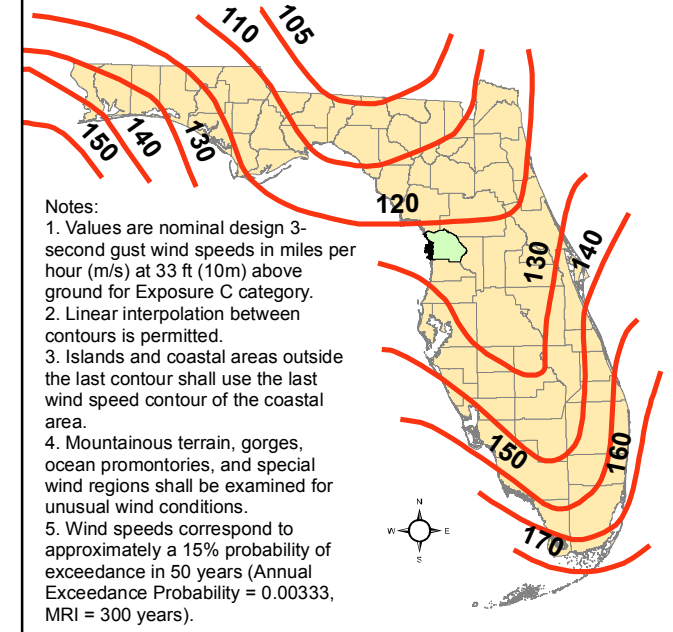
BASIC WIND SPEED. The basic wind speed in miles per hour, for the development of wind loads, shall be determined from Figure 1609. The exact location of wind speed lines shall be established by local ordinance using recognized physical landmarks such as major roads, canals, rivers and lake shores whenever possible.

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Figure 1609C Ultimate Design Wind Speeds,
for Risk Category I Buildings and Other Structures

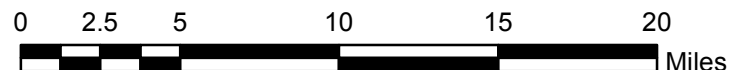
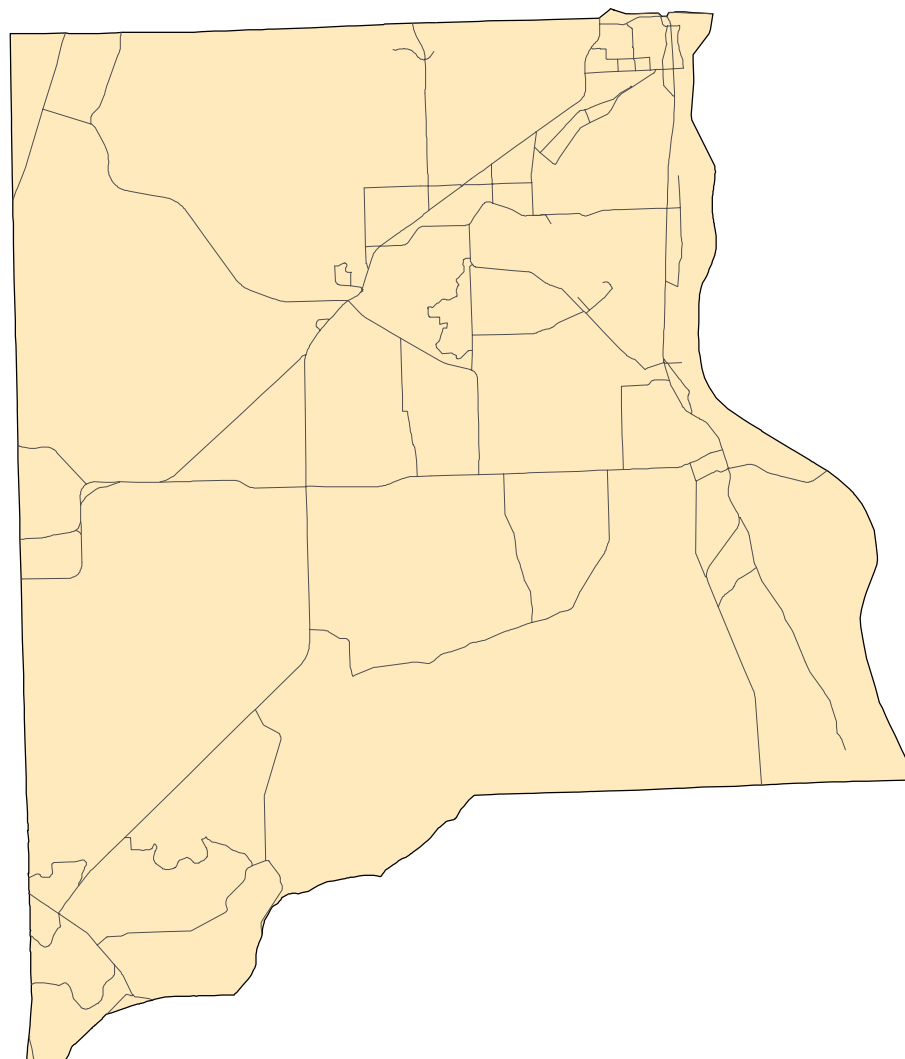


- Notes:
1. Values are nominal design 3-second gust wind speeds in miles per hour (m/s) at 33 ft (10m) above ground for Exposure C category.
 2. Linear interpolation between contours is permitted.
 3. Islands and coastal areas outside the last contour shall use the last wind speed contour of the coastal area.
 4. Mountainous terrain, gorges, ocean promontories, and special wind regions shall be examined for unusual wind conditions.
 5. Wind speeds correspond to approximately a 15% probability of exceedance in 50 years (Annual Exceedance Probability = 0.00333, MRI = 300 years).

Sources: Florida Department of Community Affairs, Codes and Standards Division; Applied Research Associates, Inc.; Florida Geographic Data Library

CLAY

Figure 1609C Ultimate Design Wind Speeds Risk Category I Buildings



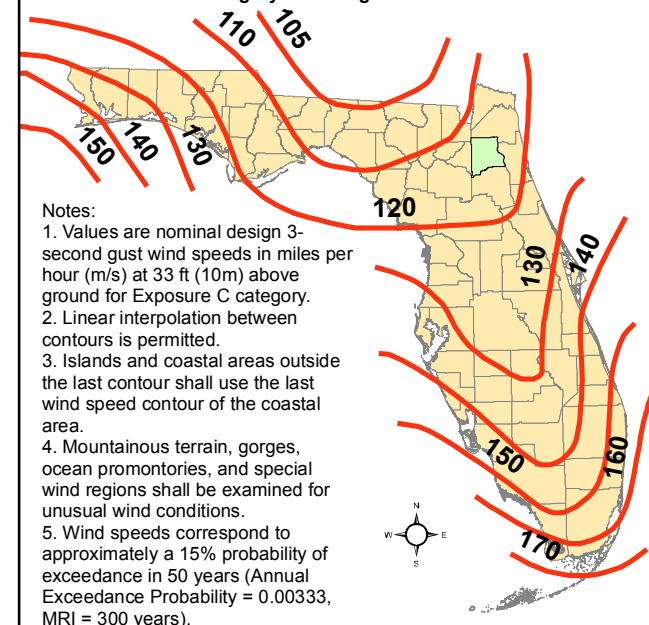
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Figure 1609C Ultimate Design Wind Speeds,
for Risk Category I Buildings and Other Structures



Notes:

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COLLIER

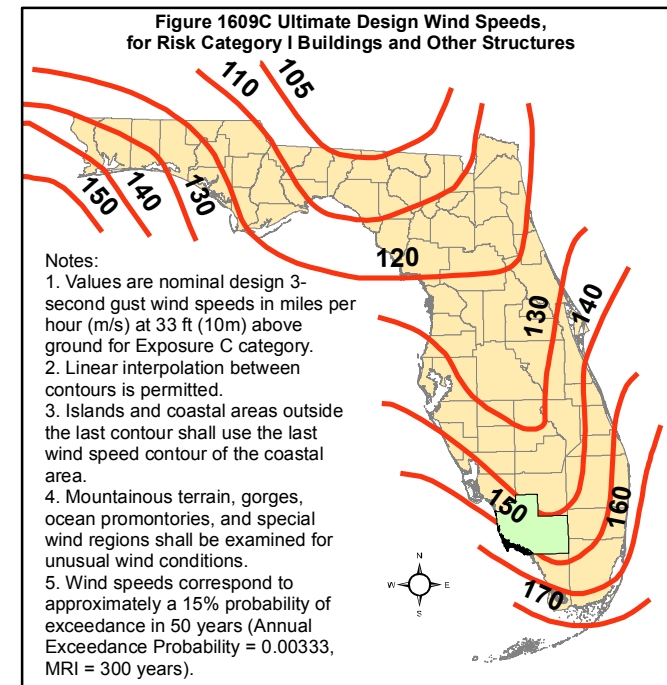
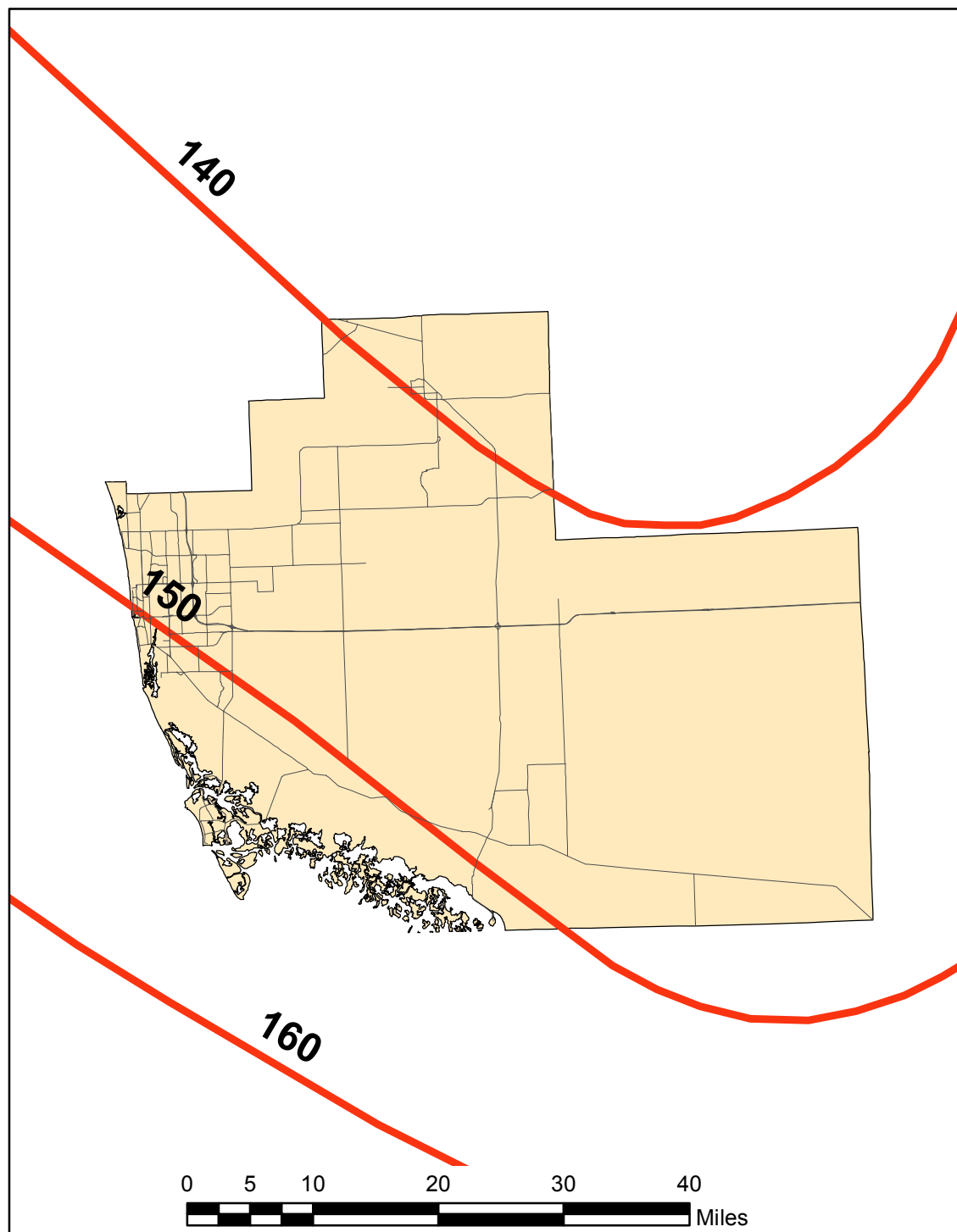
Figure 1609C Ultimate Design Wind Speeds Risk Category I Buildings

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Sources: Florida Department of Community Affairs, Codes and Standards Division; Applied Research Associates, Inc.; Florida Geographic Data Library

COLUMBIA

Figure 1609C

Ultimate Design Wind Speeds

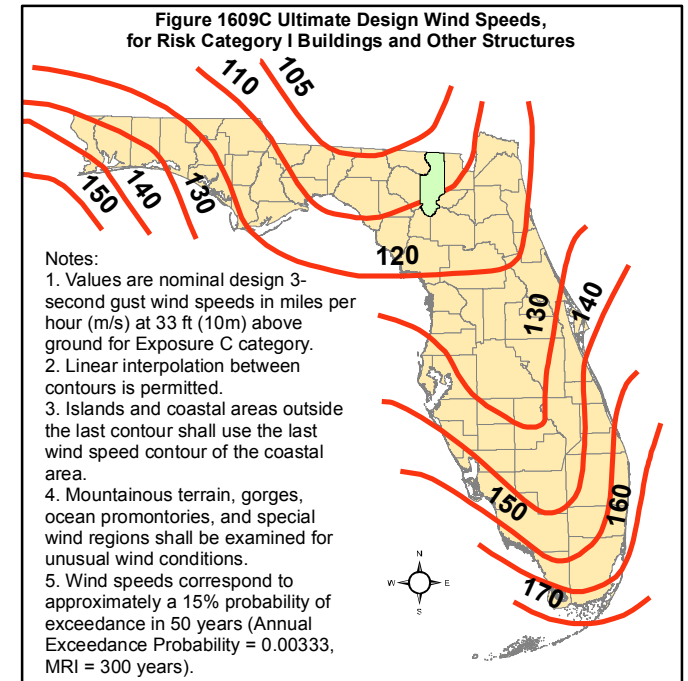
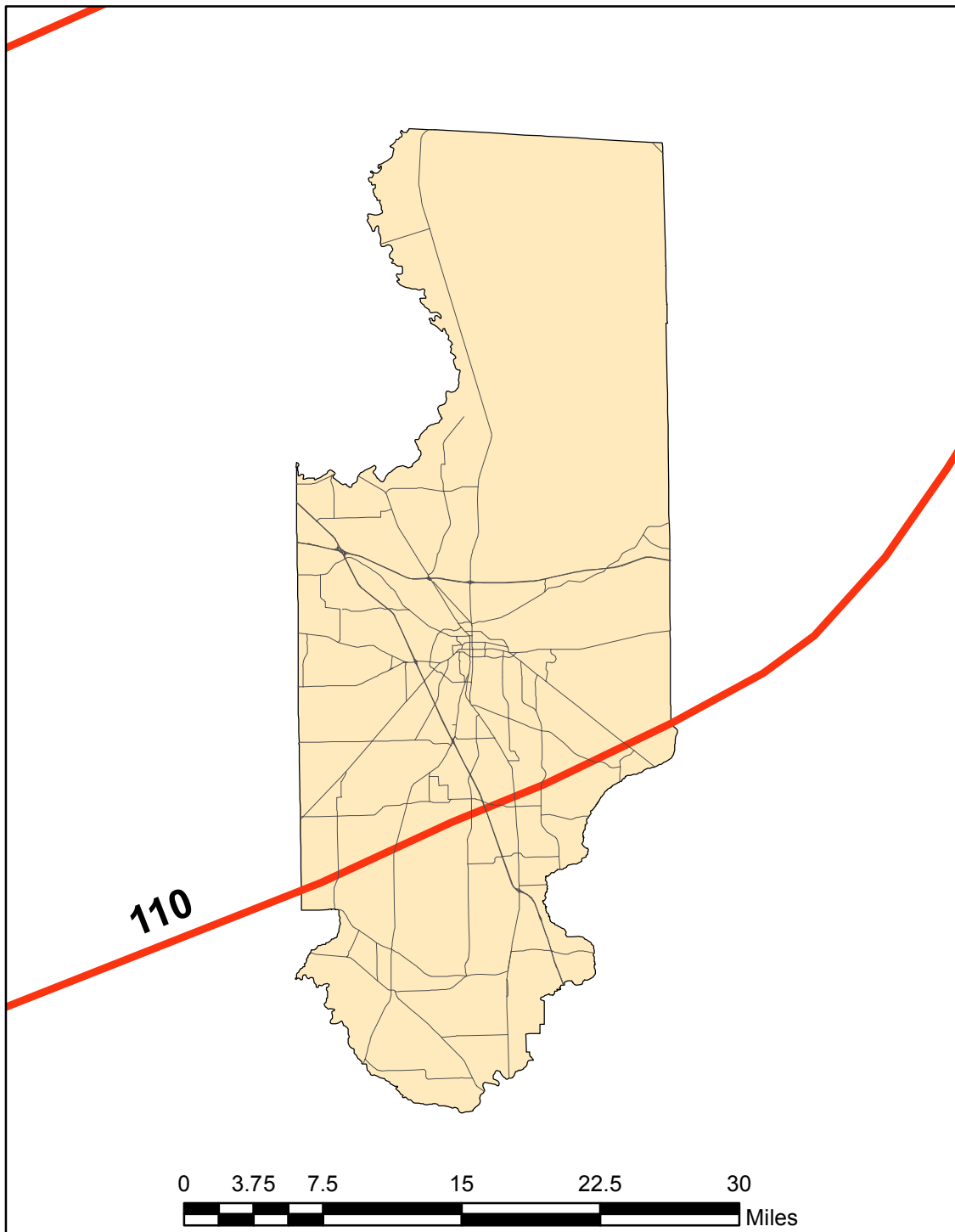
Risk Category I Buildings

BASIC WIND SPEED. The basic wind speed in miles per hour, for the development of wind loads, shall be determined from Figure 1609. The exact location of wind speed lines shall be established by local ordinance using recognized physical landmarks such as major roads, canals, rivers and lake shores whenever possible.

WIND-BORNE DEBRIS REGION. Areas within hurricane- prone regions located:

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DESOTO

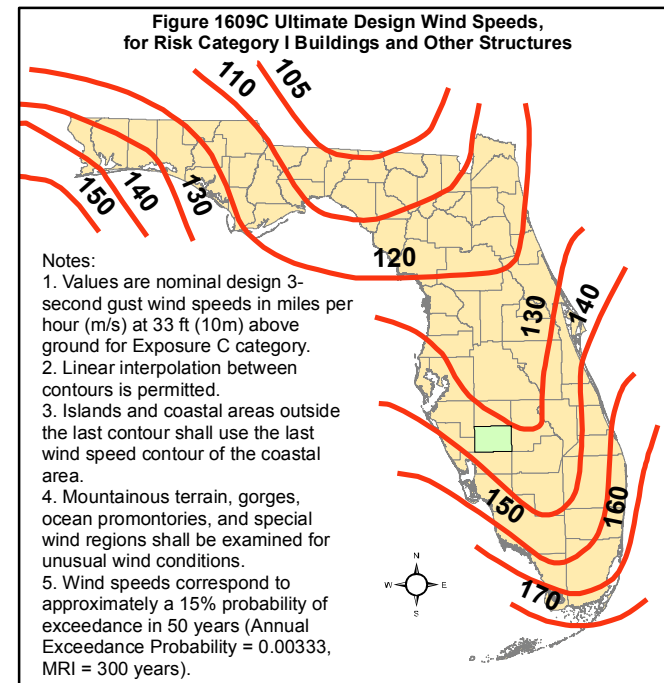
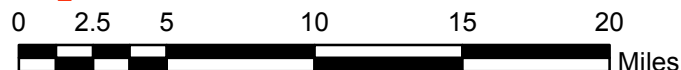
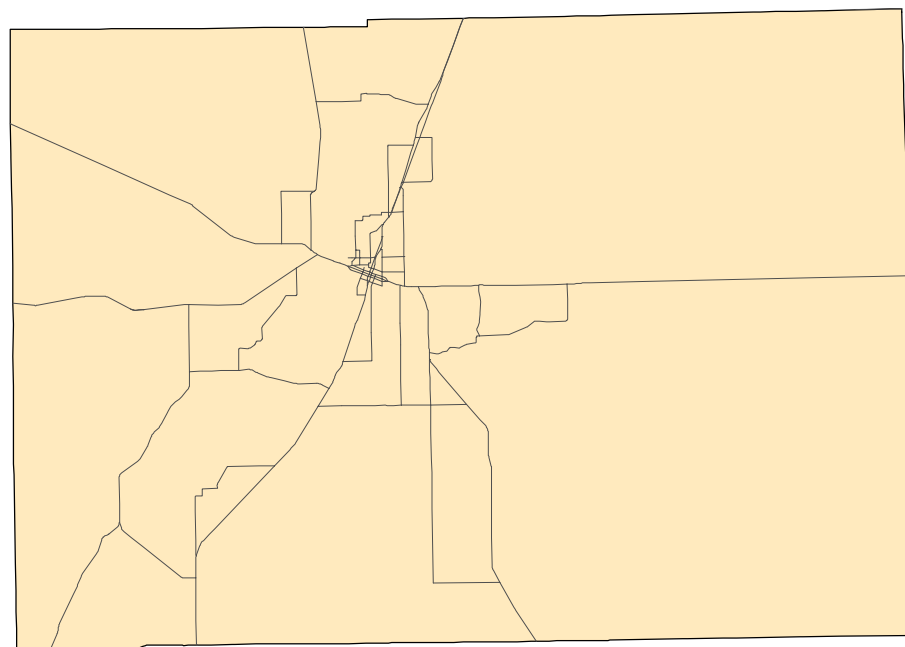
Figure 1609C Ultimate Design Wind Speeds Risk Category I Buildings

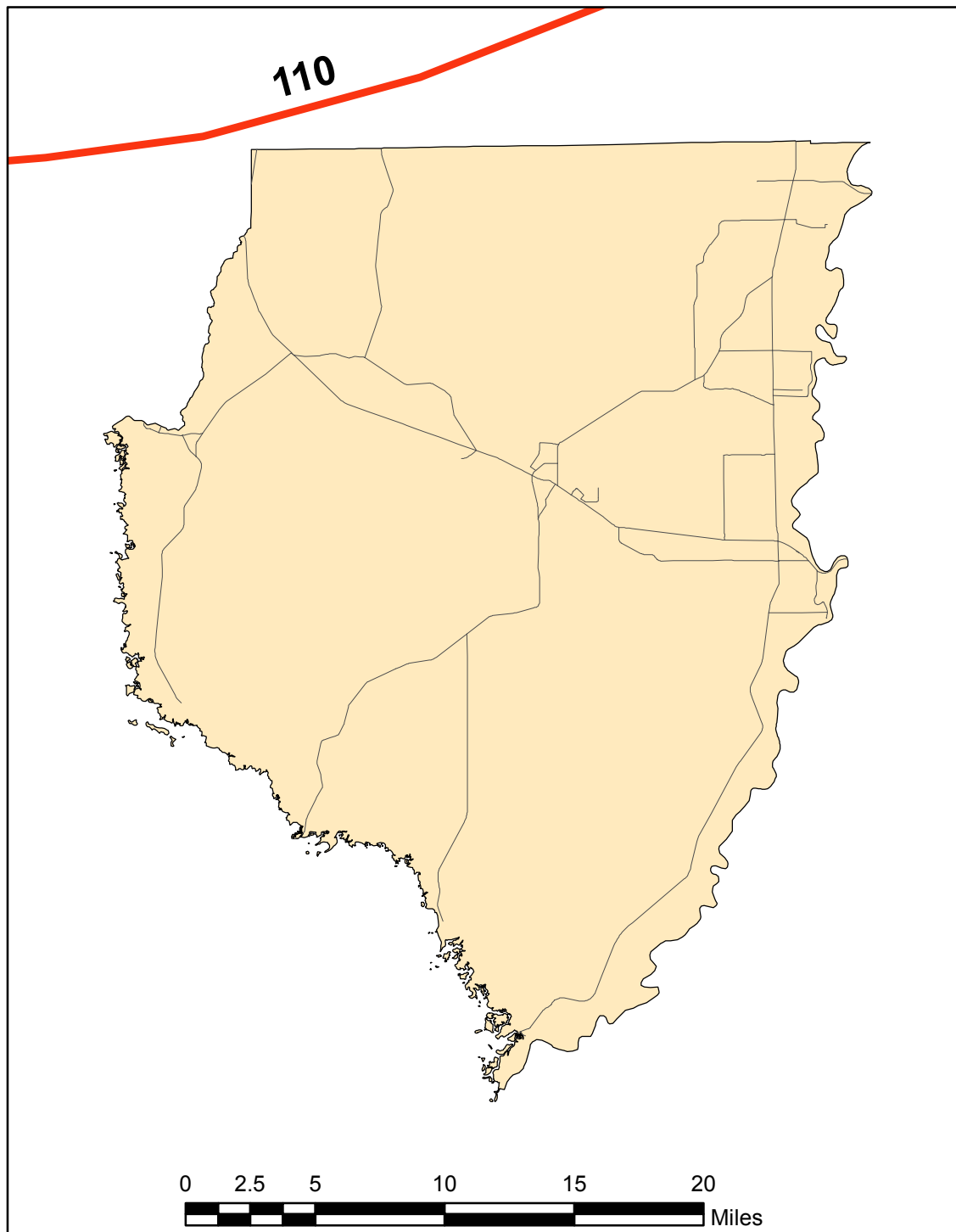
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DIXIE

Figure 1609C

Ultimate Design Wind Speeds

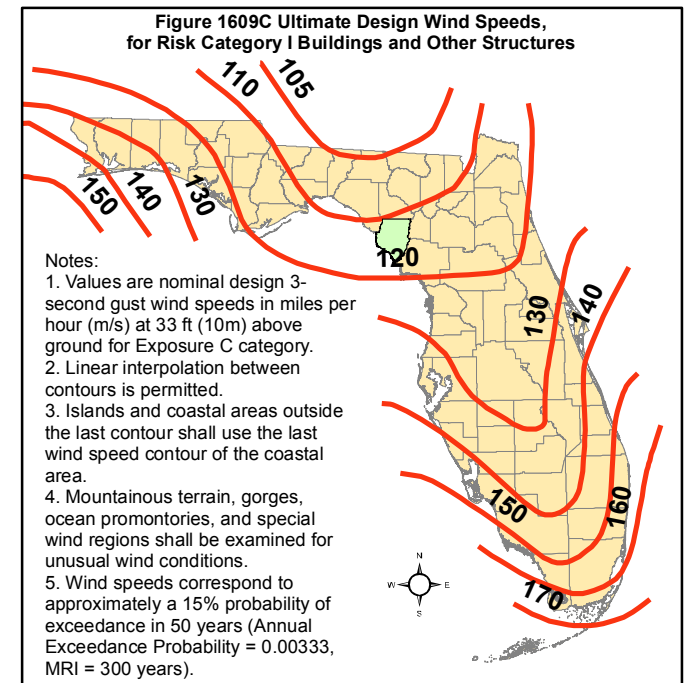
Risk Category I Buildings

BASIC WIND SPEED. The basic wind speed in miles per hour, for the development of wind loads, shall be determined from Figure 1609. The exact location of wind speed lines shall be established by local ordinance using recognized physical landmarks such as major roads, canals, rivers and lake shores whenever possible.

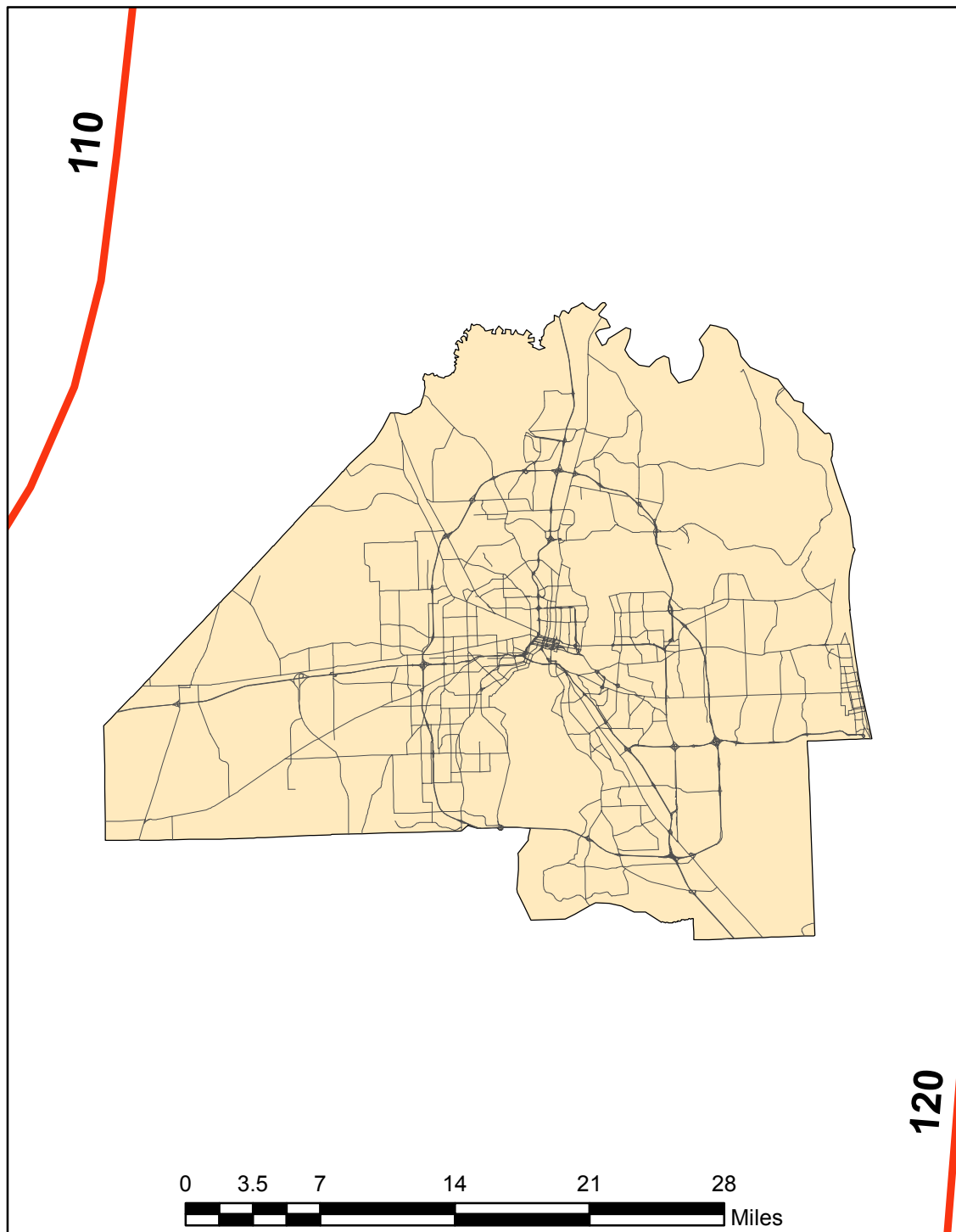
WIND-BORNE DEBRIS REGION. Areas within hurricane- prone regions located:

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Sources: Florida Department of Community Affairs, Codes and Standards Division; Applied Research Associates, Inc.; Florida Geographic Data Library



DUVAL

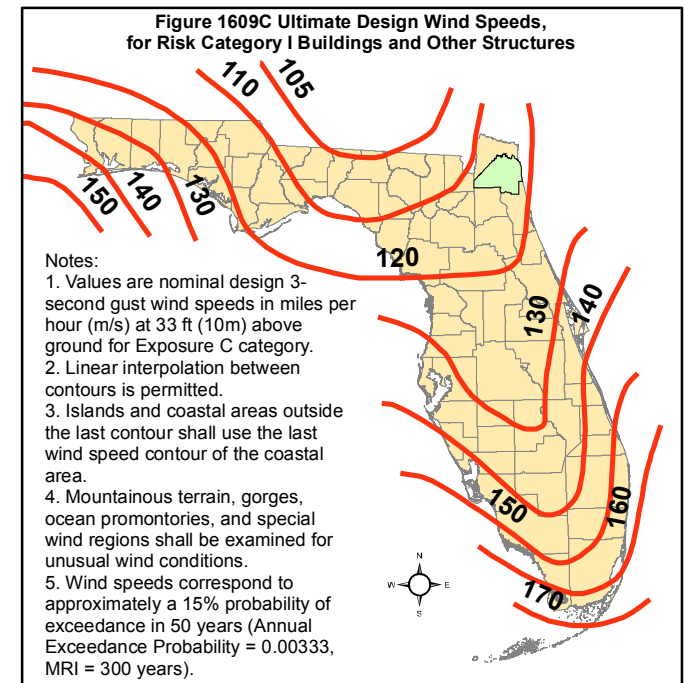
Figure 1609C Ultimate Design Wind Speeds Risk Category I Buildings

BASIC WIND SPEED. The basic wind speed in miles per hour, for the development of wind loads, shall be determined from Figure 1609. The exact location of wind speed lines shall be established by local ordinance using recognized physical landmarks such as major roads, canals, rivers and lake shores whenever possible.

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ESCAMBIA

Figure 1609C

Ultimate Design Wind Speeds Risk Category I Buildings

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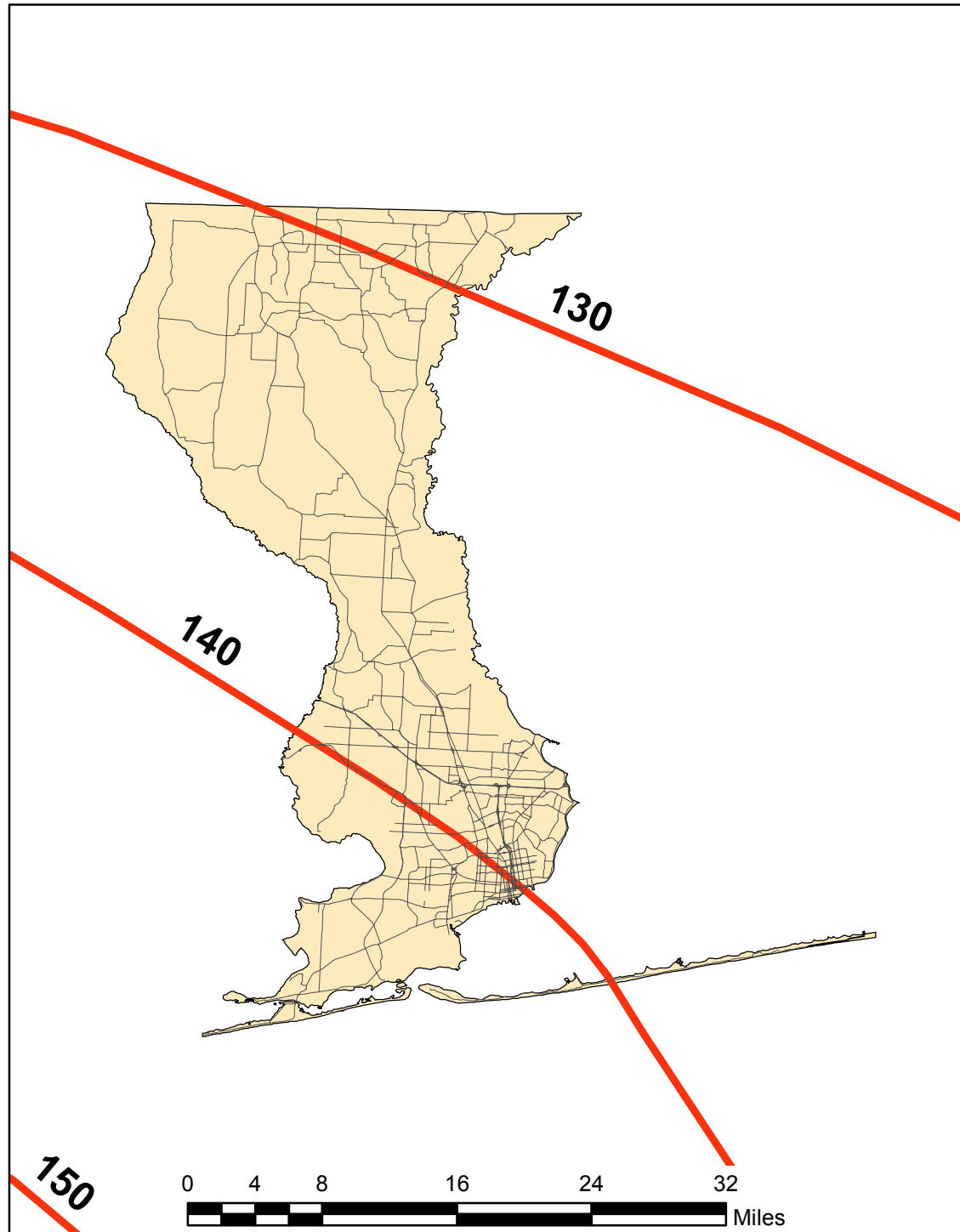
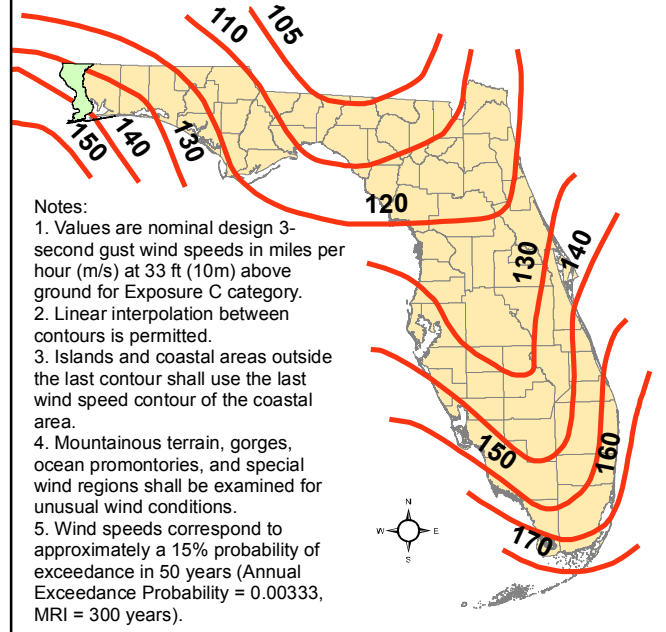
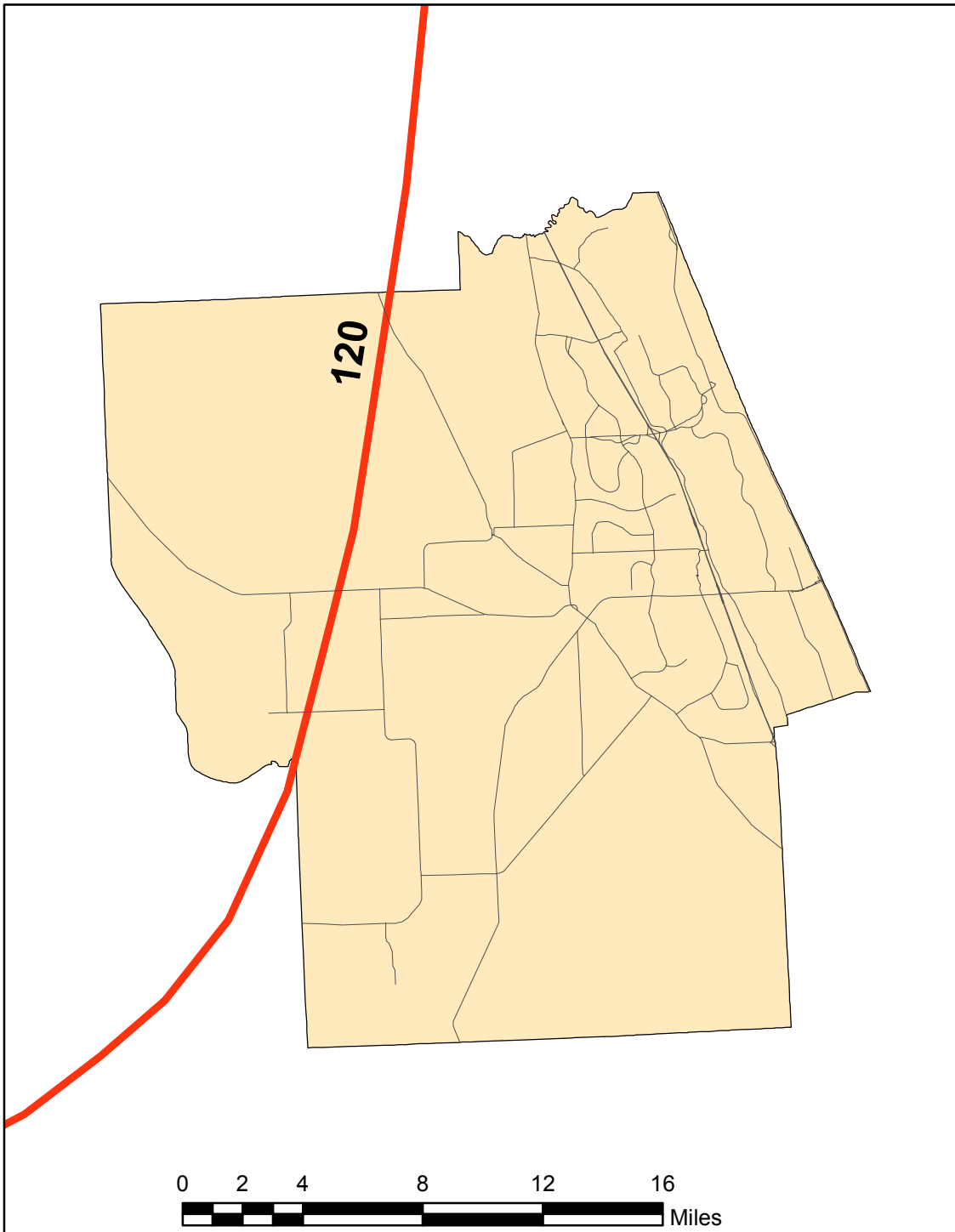


Figure 1609C Ultimate Design Wind Speeds,
for Risk Category I Buildings and Other Structures



Notes:

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FLAGLER

Figure 1609C

Ultimate Design Wind Speeds

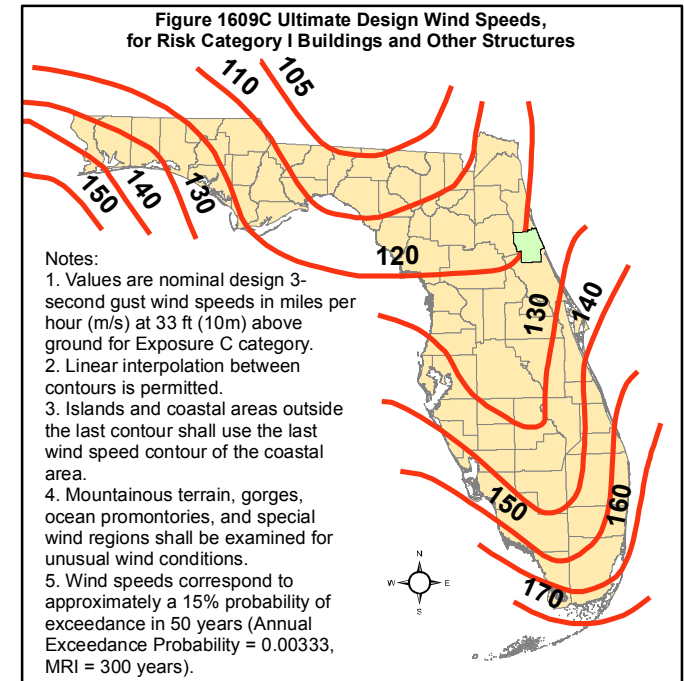
Risk Category I Buildings

BASIC WIND SPEED. The basic wind speed in miles per hour, for the development of wind loads, shall be determined from Figure 1609. The exact location of wind speed lines shall be established by local ordinance using recognized physical landmarks such as major roads, canals, rivers and lake shores whenever possible.

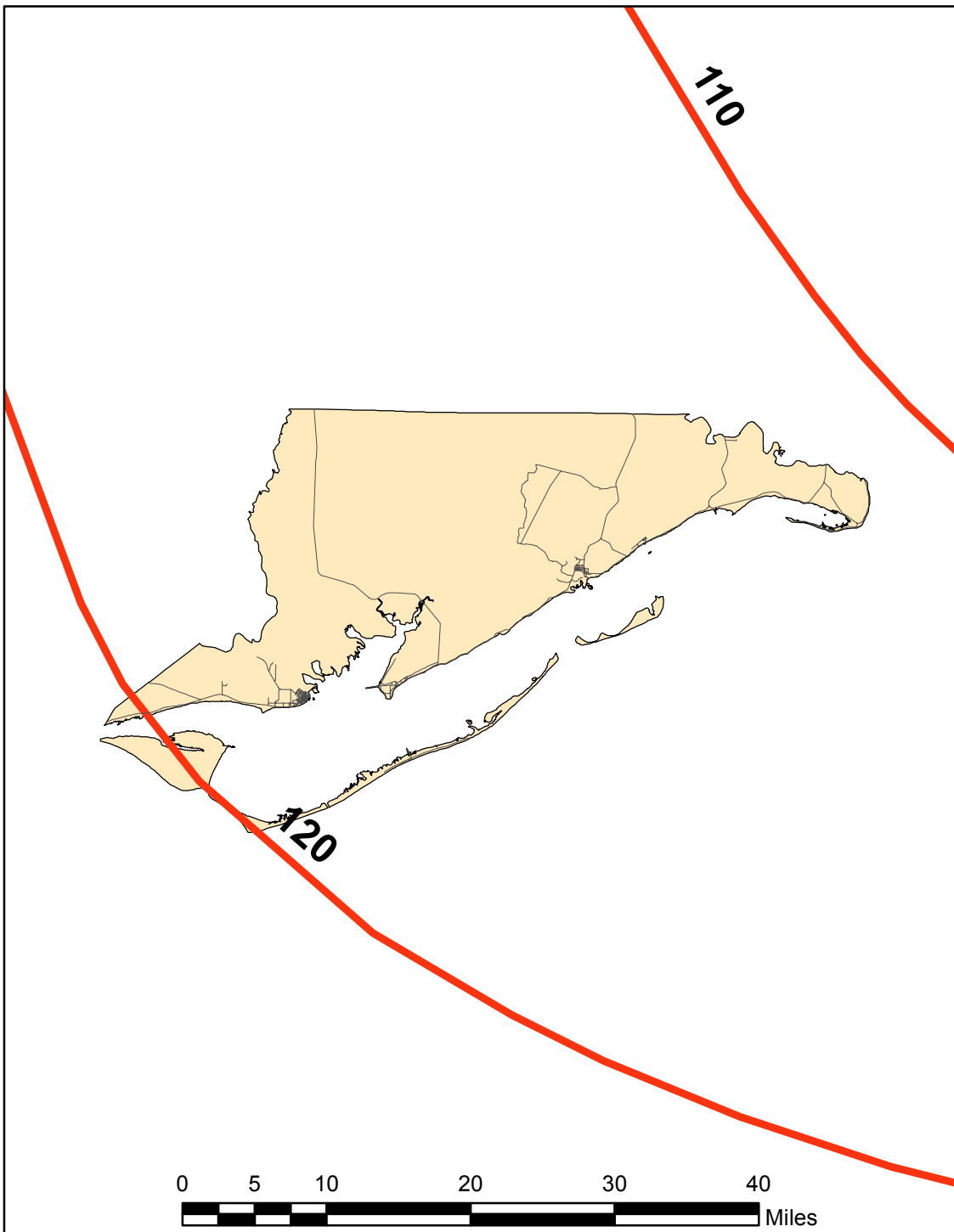
WIND-BORNE DEBRIS REGION. Areas within hurricane- prone regions located:

1. Within 1 mile (1.61 km) of the coastal mean high water line where the ultimate design wind speed V_{ult} is 130 mph (48 m/s) or greater; or
2. In areas where the ultimate design wind speed V_{ult} is 140 mph (53 m/s) or greater

For Risk Category II buildings and structures and occupancy category III buildings and structures, except health care facilities, the windborne debris region shall be based on Figure 1609A. For occupancy category IV buildings and structures and occupancy category III health care facilities, the windborne debris region shall be based on Figure 1609B.



Sources: Florida Department of Community Affairs, Codes and Standards Division; Applied Research Associates, Inc.; Florida Geographic Data Library



June 28, 2011

FRANKLIN

Figure 1609C

Ultimate Design Wind Speeds

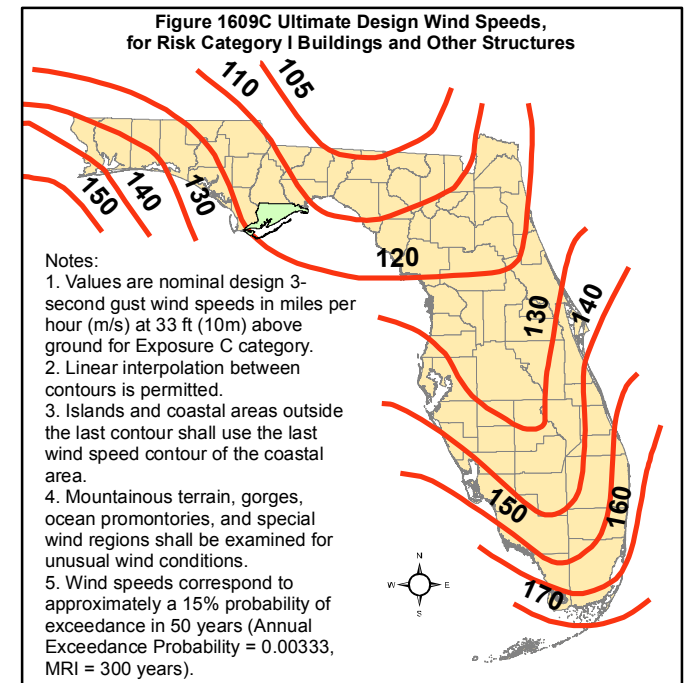
Risk Category I Buildings

BASIC WIND SPEED. The basic wind speed in miles per hour, for the development of wind loads, shall be determined from Figure 1609. The exact location of wind speed lines shall be established by local ordinance using recognized physical landmarks such as major roads, canals, rivers and lake shores whenever possible.

WIND-BORNE DEBRIS REGION. Areas within hurricane- prone regions located:

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Sources: Florida Department of Community Affairs, Codes and Standards Division; Applied Research Associates, Inc.; Florida Geographic Data Library

GADSDEN

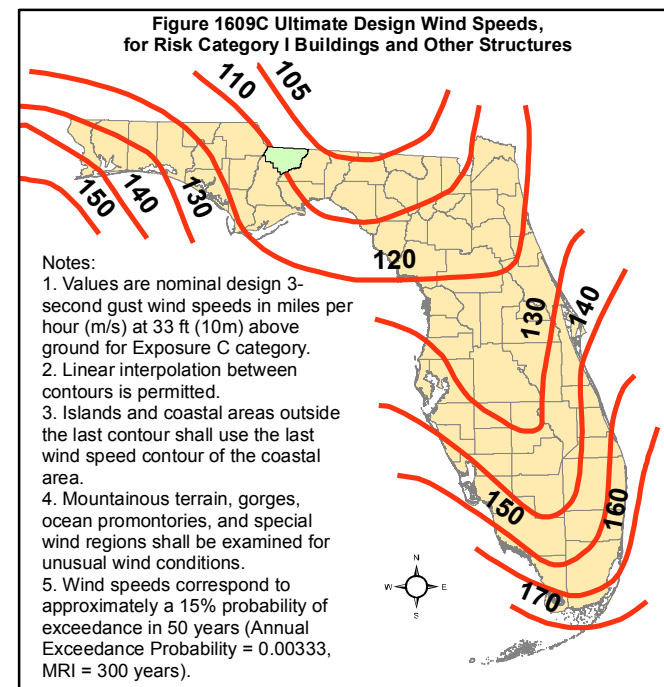
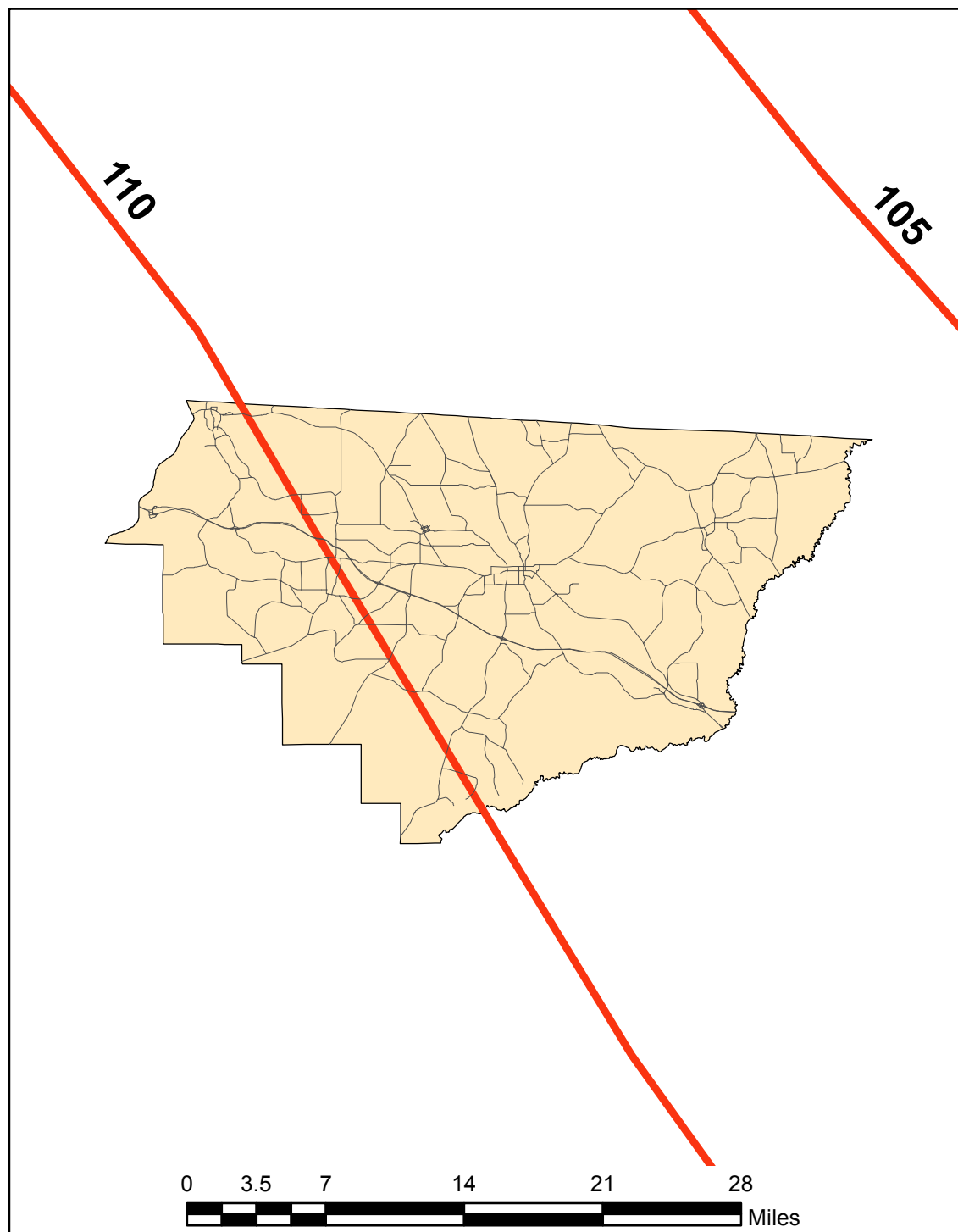
Figure 1609C Ultimate Design Wind Speeds Risk Category I Buildings

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WIND-BORNE DEBRIS REGION. Areas within hurricane- prone regions located:

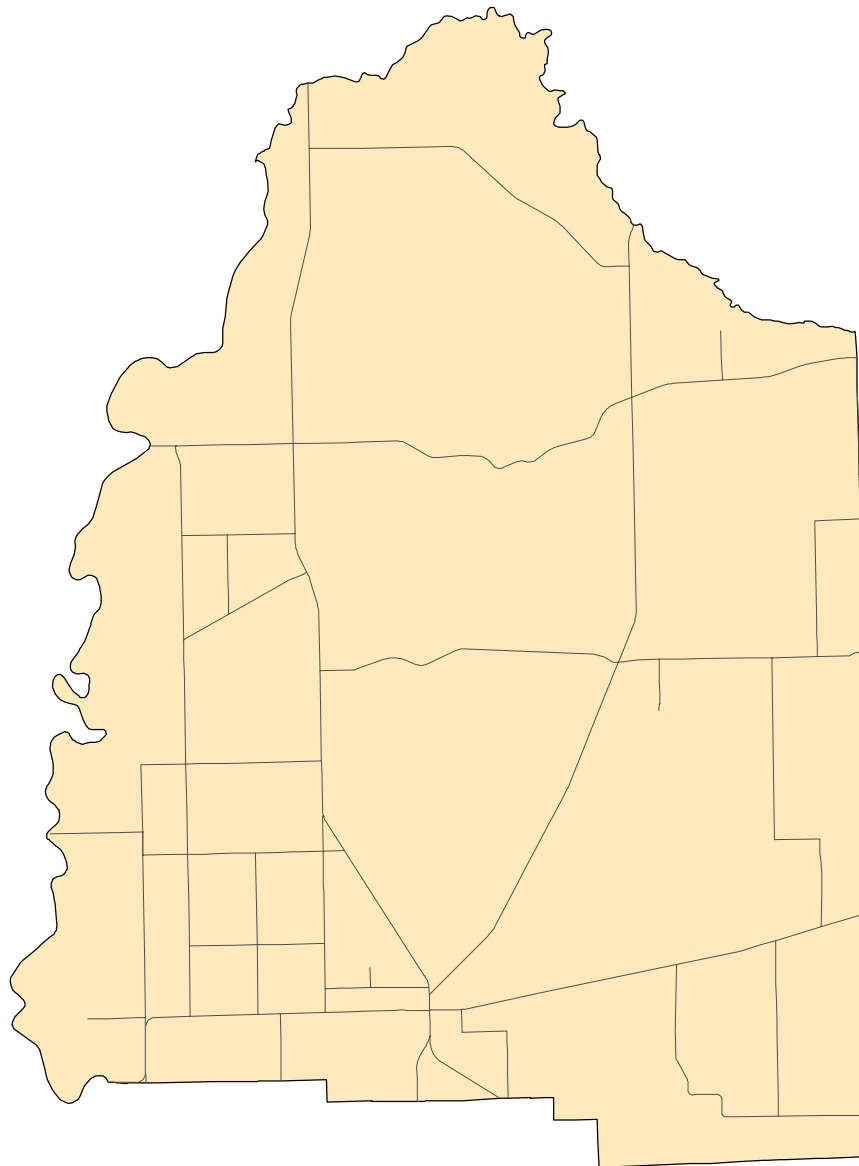
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Sources: Florida Department of Community Affairs, Codes and Standards Division; Applied Research Associates, Inc.; Florida Geographic Data Library

110



0 1.5 3 6 9 12 Miles

GILCHRIST

Figure 1609C

Ultimate Design Wind Speeds Risk Category I Buildings

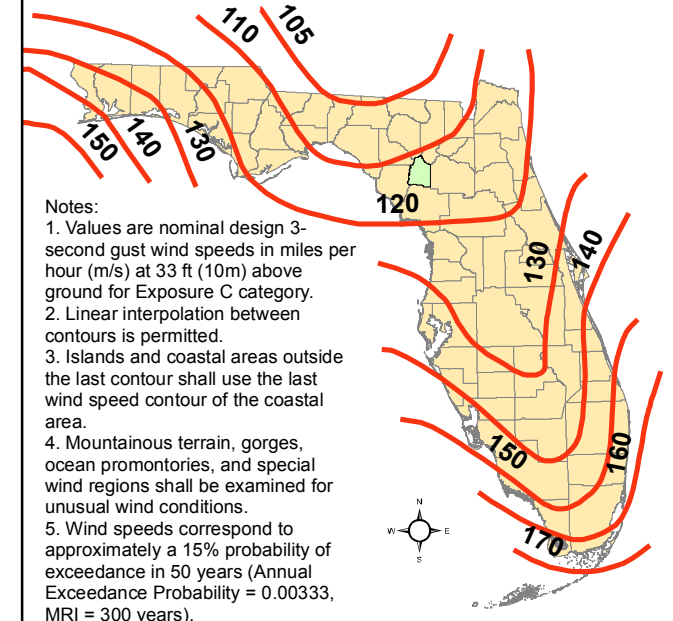
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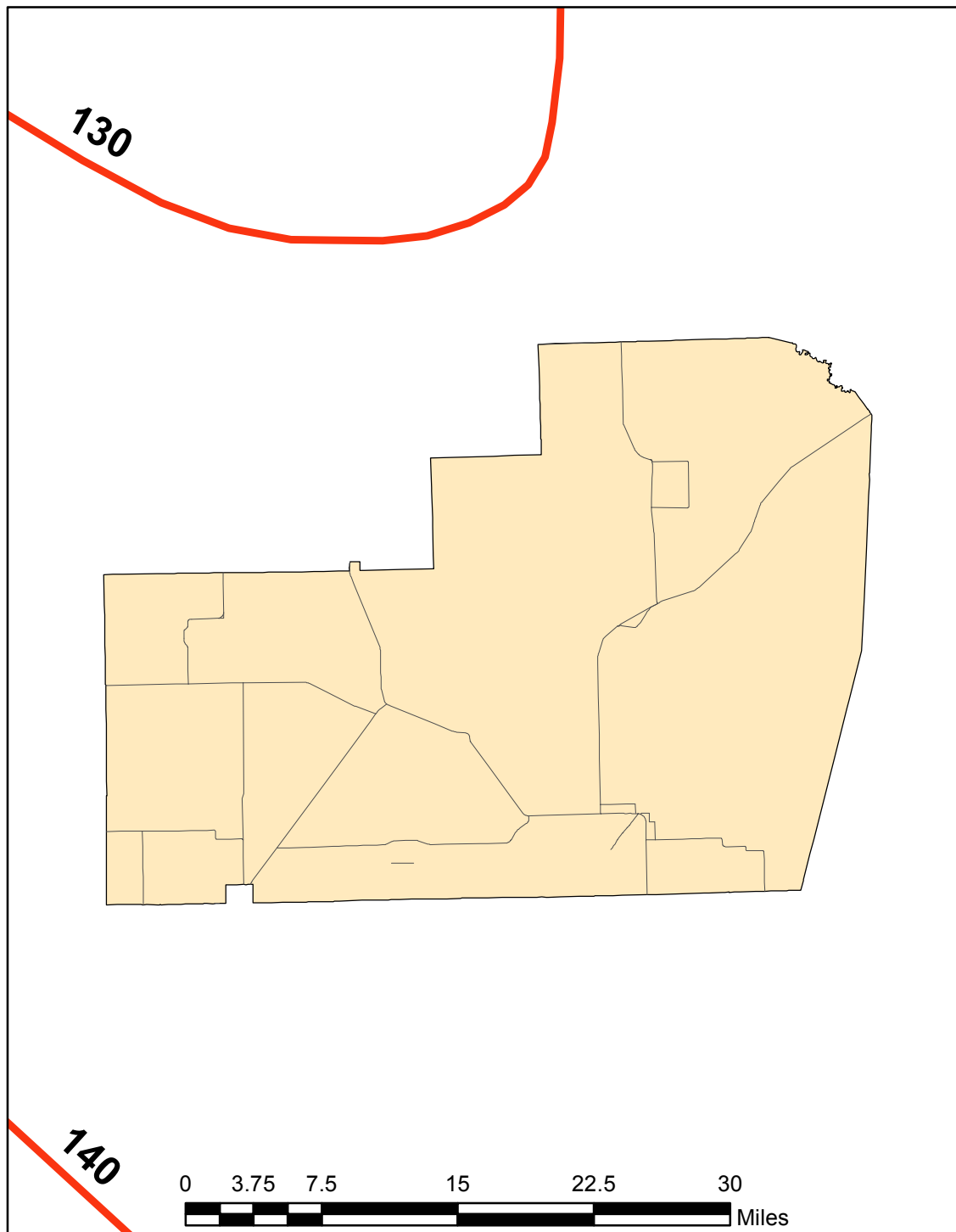
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Figure 1609C Ultimate Design Wind Speeds,
for Risk Category I Buildings and Other Structures



- Notes:
1. Values are nominal design 3-second gust wind speeds in miles per hour (m/s) at 33 ft (10m) above ground for Exposure C category.
 2. Linear interpolation between contours is permitted.
 3. Islands and coastal areas outside the last contour shall use the last wind speed contour of the coastal area.
 4. Mountainous terrain, gorges, ocean promontories, and special wind regions shall be examined for unusual wind conditions.
 5. Wind speeds correspond to approximately a 15% probability of exceedance in 50 years (Annual Exceedance Probability = 0.00333, MRI = 300 years).



June 28, 2011

GLADES

Figure 1609C

Ultimate Design Wind Speeds

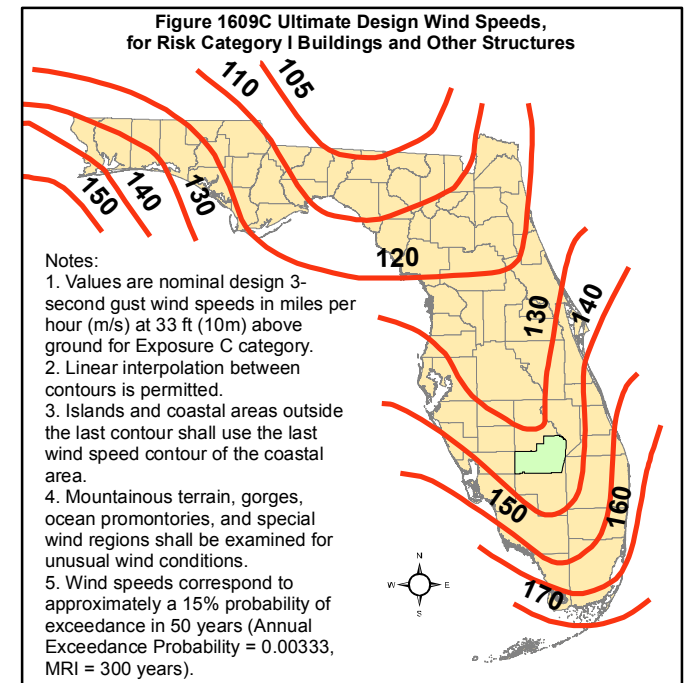
Risk Category I Buildings

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Sources: Florida Department of Community Affairs, Codes and Standards Division; Applied Research Associates, Inc.; Florida Geographic Data Library

GULF

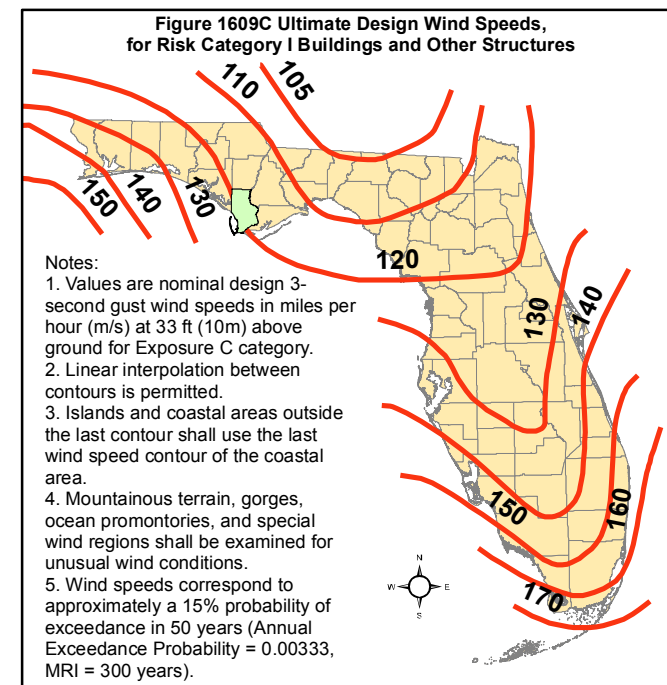
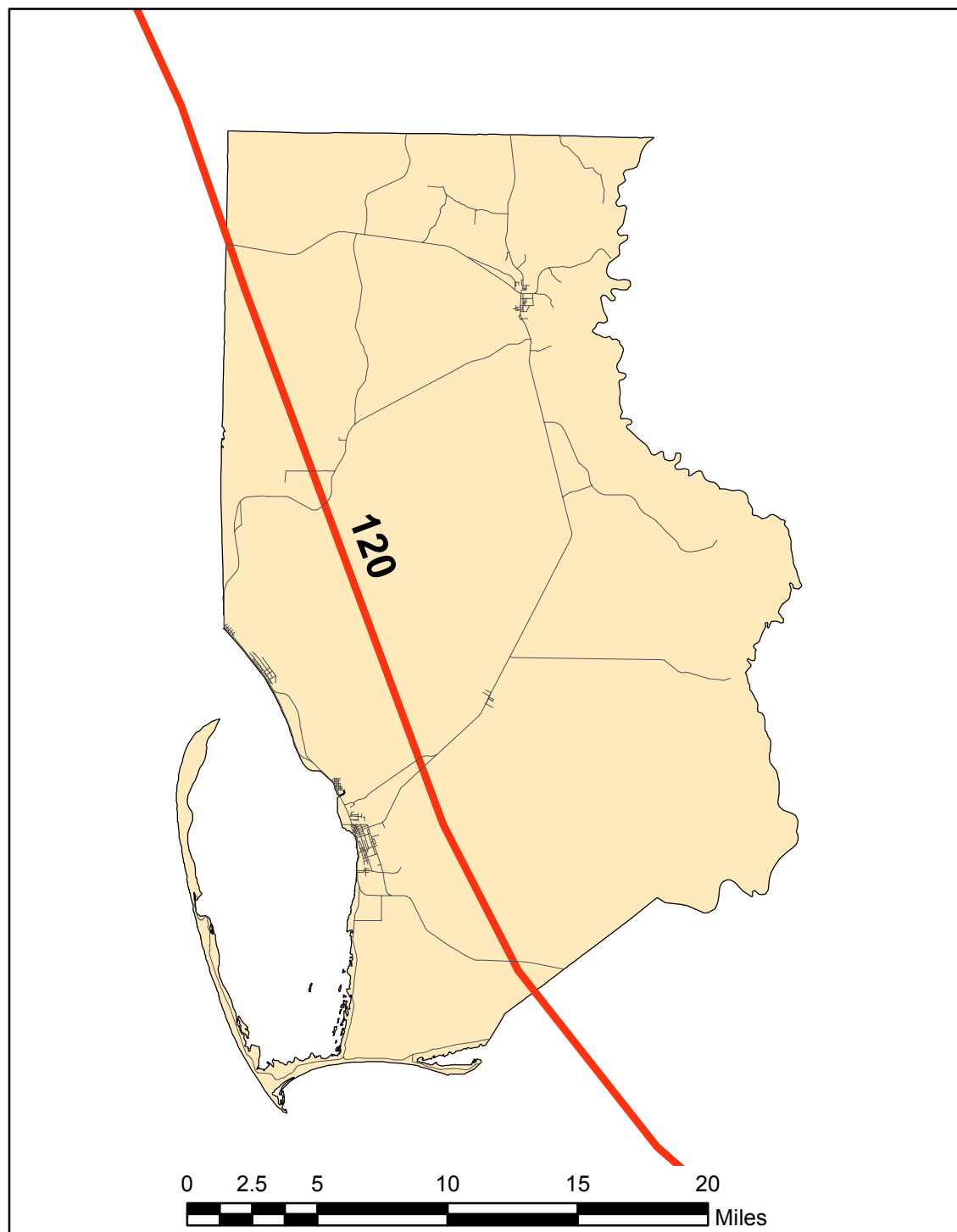
Figure 1609C Ultimate Design Wind Speeds Risk Category I Buildings

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1. Within 1 mile (1.61 km) of the coastal mean high water line where the ultimate design wind speed Vult is 130 mph (48 m/s) or greater; or
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HAMILTON

Figure 1609C

Ultimate Design Wind Speeds

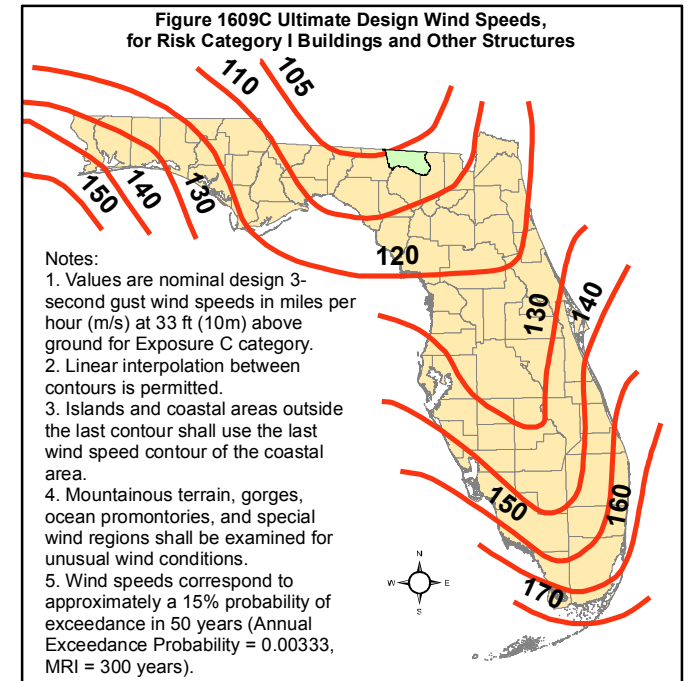
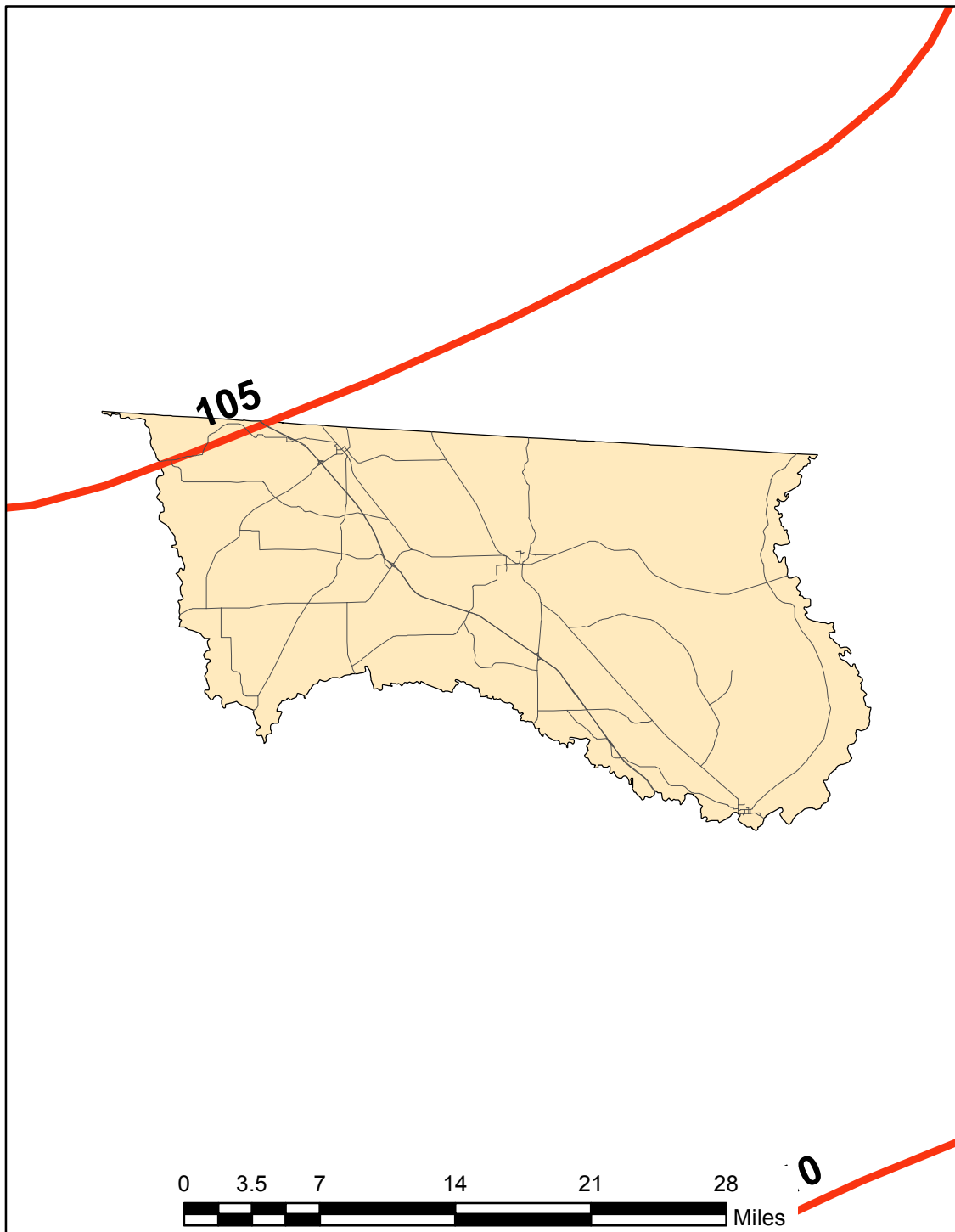
Risk Category I Buildings

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HARDEE

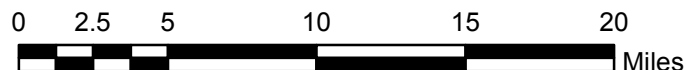
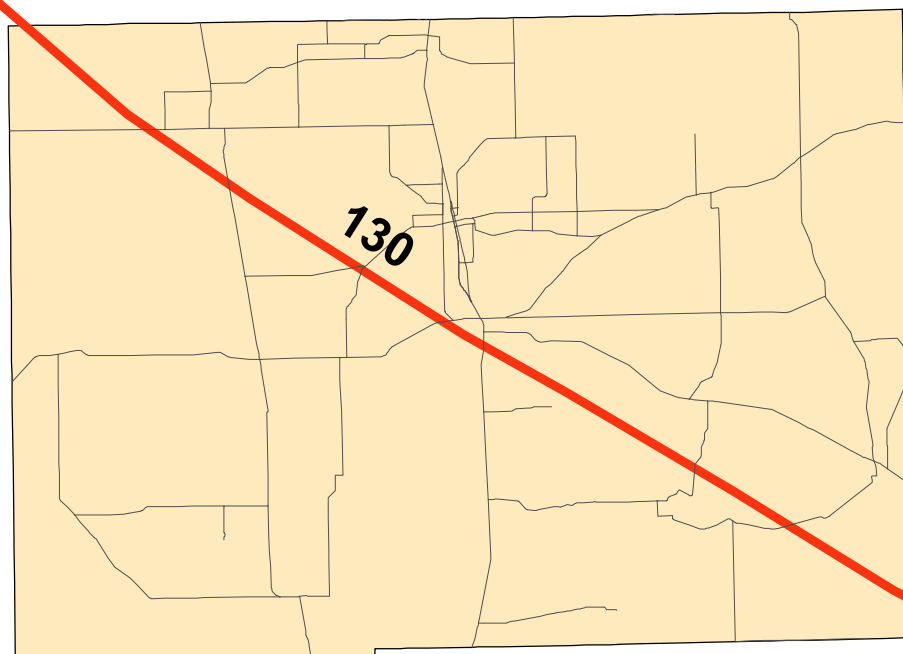
Figure 1609C Ultimate Design Wind Speeds Risk Category I Buildings

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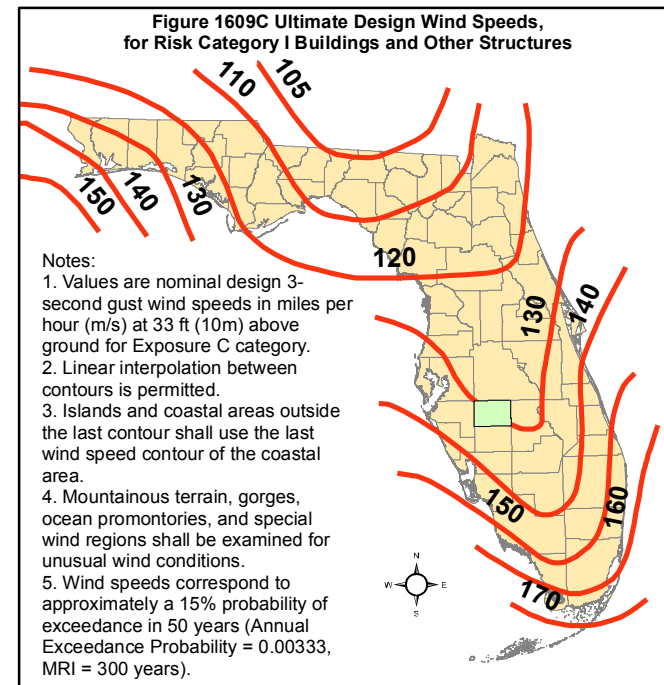
WIND-BORNE DEBRIS REGION. Areas within hurricane-prone regions located:

1. Within 1 mile (1.61 km) of the coastal mean high water line where the ultimate design wind speed V_{ult} is 130 mph (48 m/s) or greater; or
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June 28, 2011



Sources: Florida Department of Community Affairs, Codes and Standards Division; Applied Research Associates, Inc.; Florida Geographic Data Library

HENDRY

Figure 1609C Ultimate Design Wind Speeds Risk Category I Buildings

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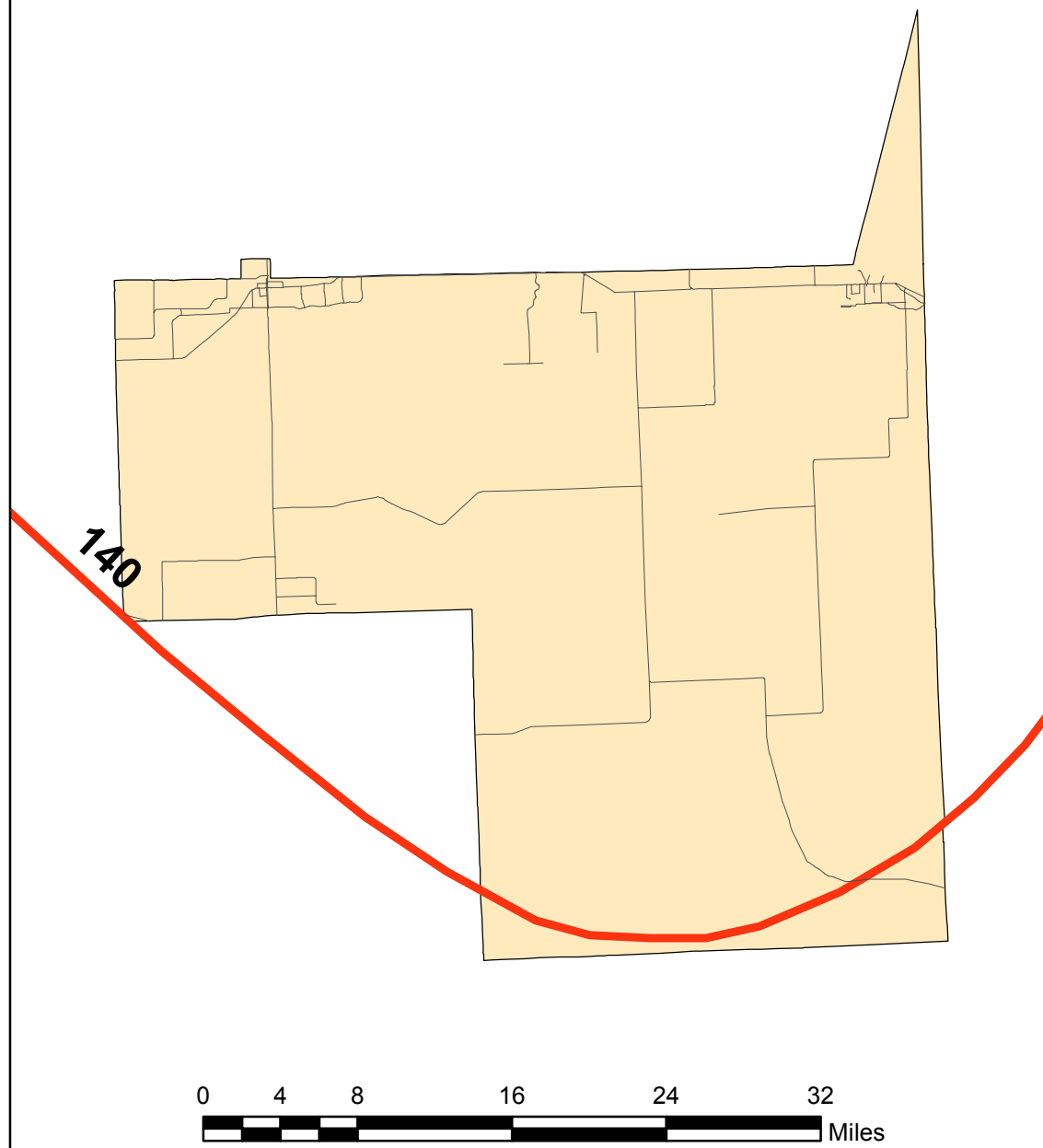
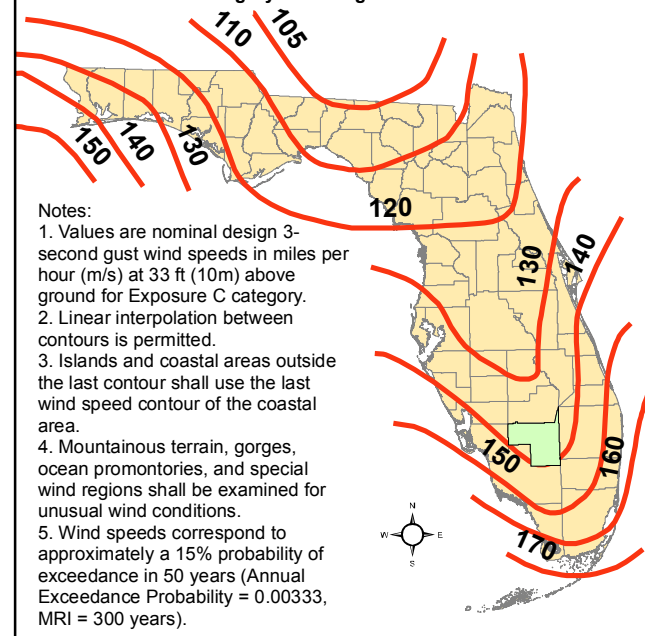


Figure 1609C Ultimate Design Wind Speeds,
for Risk Category I Buildings and Other Structures



Sources: Florida Department of Community Affairs, Codes and Standards Division; Applied Research Associates, Inc.; Florida Geographic Data Library

HERNANDO

Figure 1609C

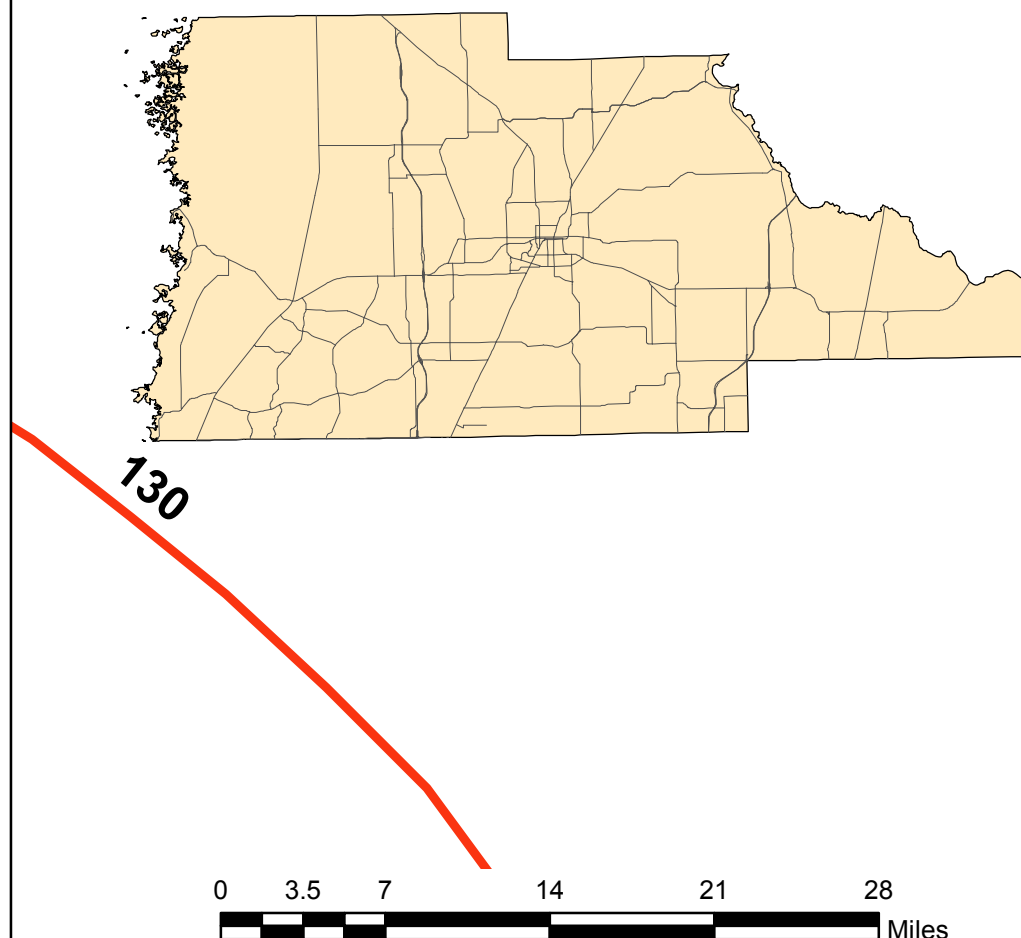
Ultimate Design Wind Speeds Risk Category I Buildings

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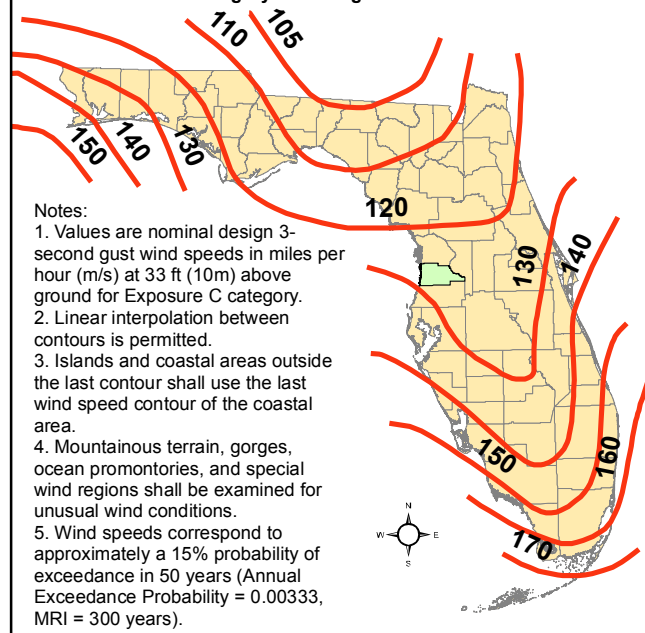
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June 28, 2011

Figure 1609C Ultimate Design Wind Speeds,
for Risk Category I Buildings and Other Structures



Notes:

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HIGHLANDS

Figure 1609C

Ultimate Design Wind Speeds

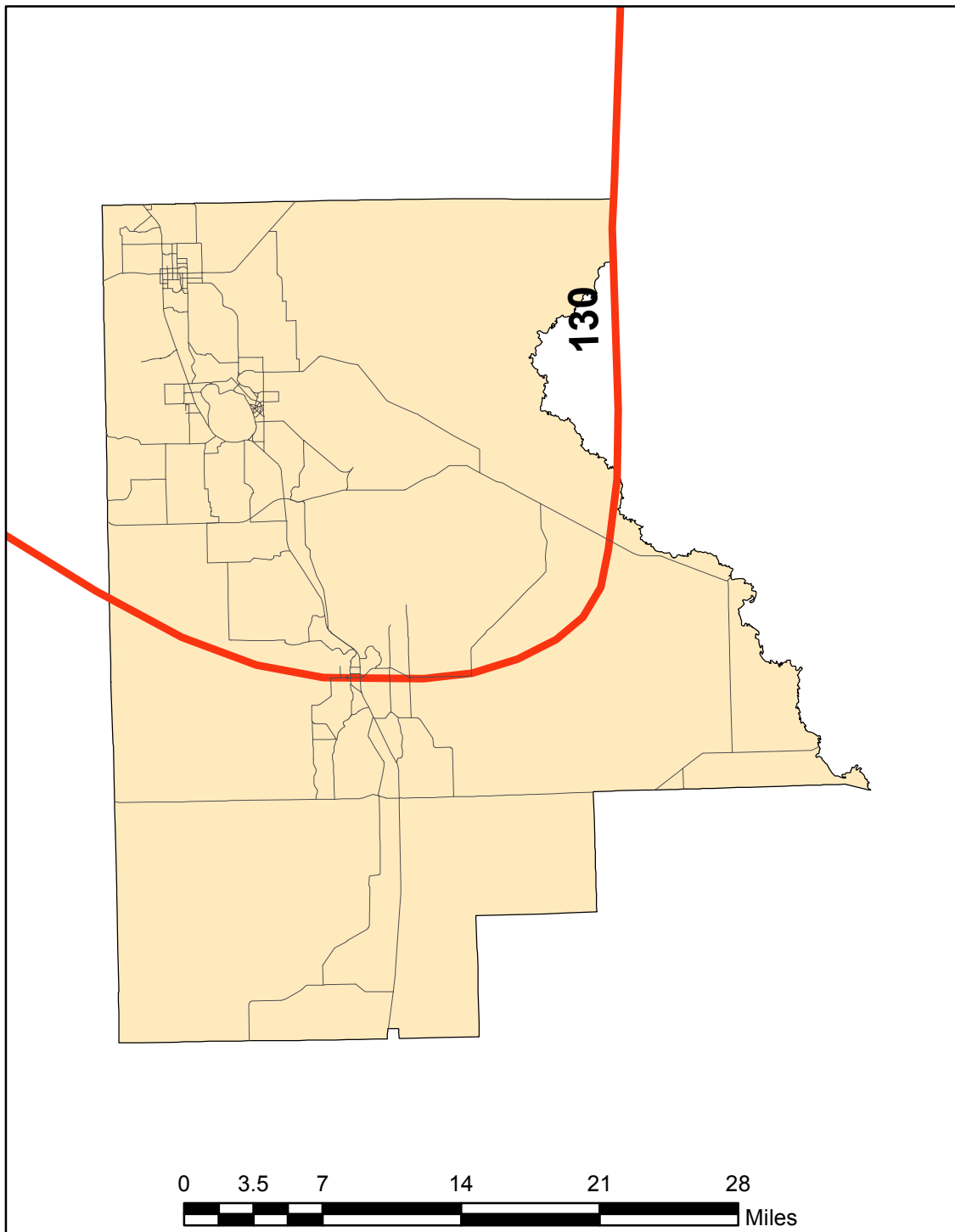
Risk Category I Buildings

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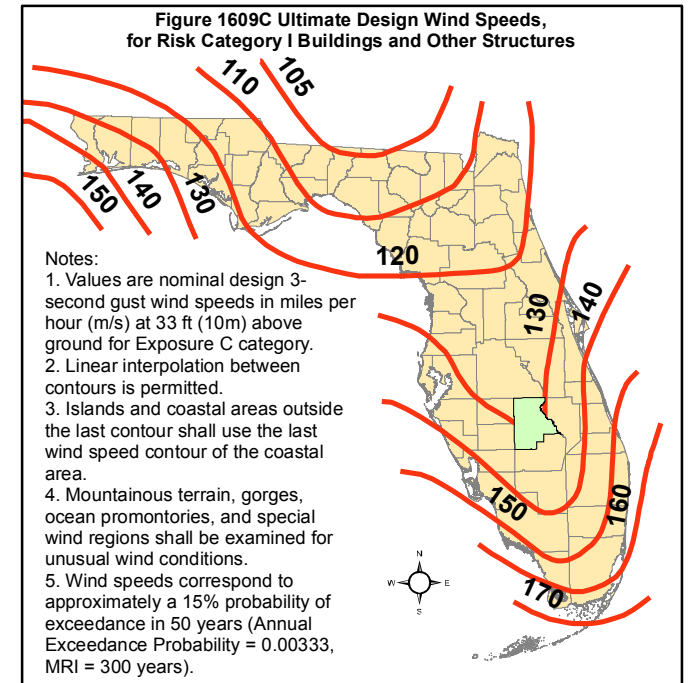
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June 28, 2011



Sources: Florida Department of Community Affairs, Codes and Standards Division; Applied Research Associates, Inc.; Florida Geographic Data Library

HILLSBOROUGH

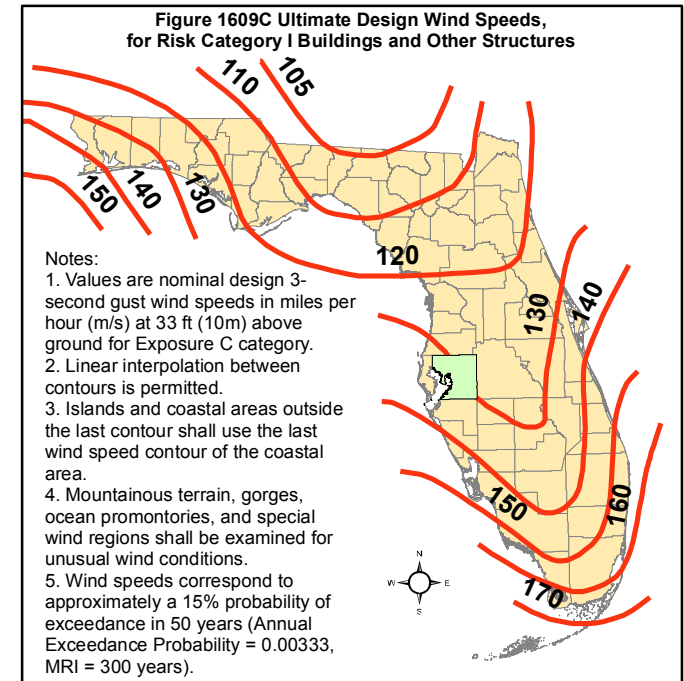
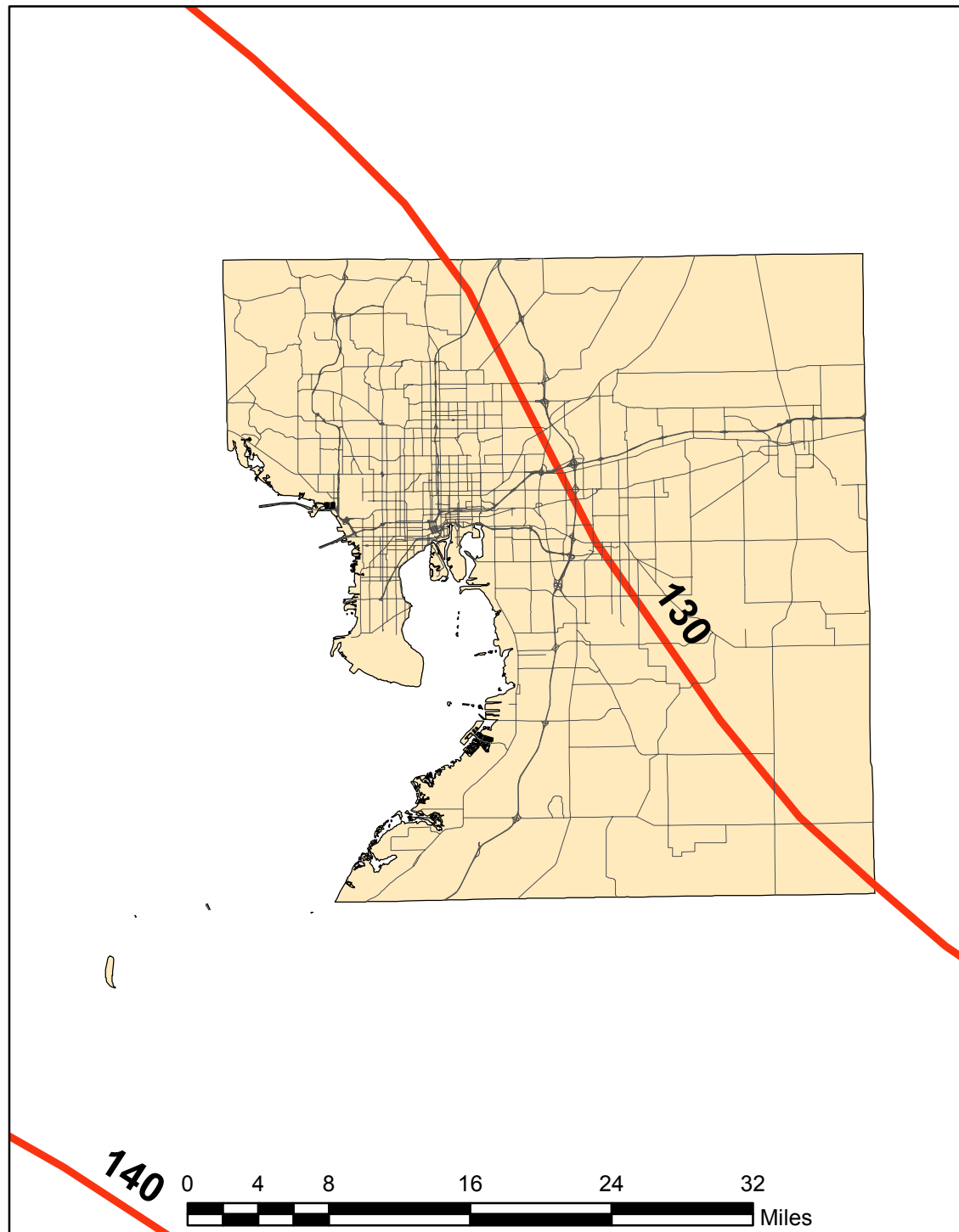
Figure 1609C Ultimate Design Wind Speeds Risk Category I Buildings

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HOLMES

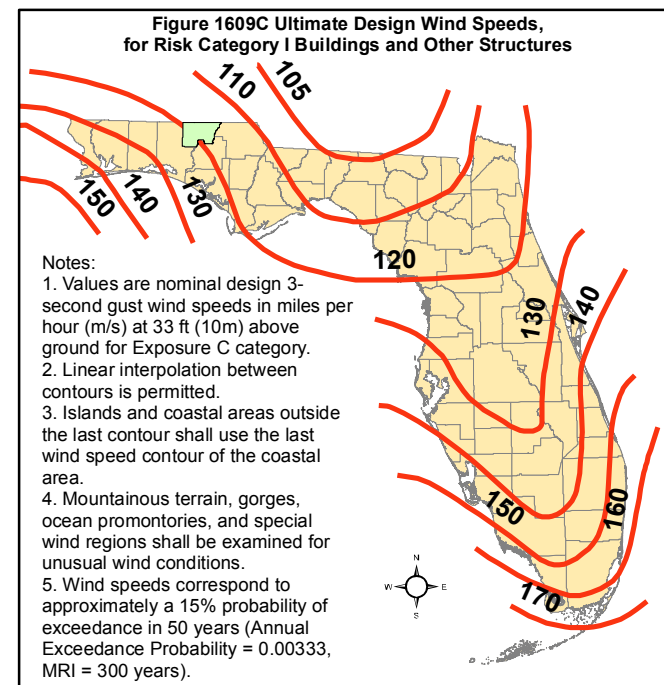
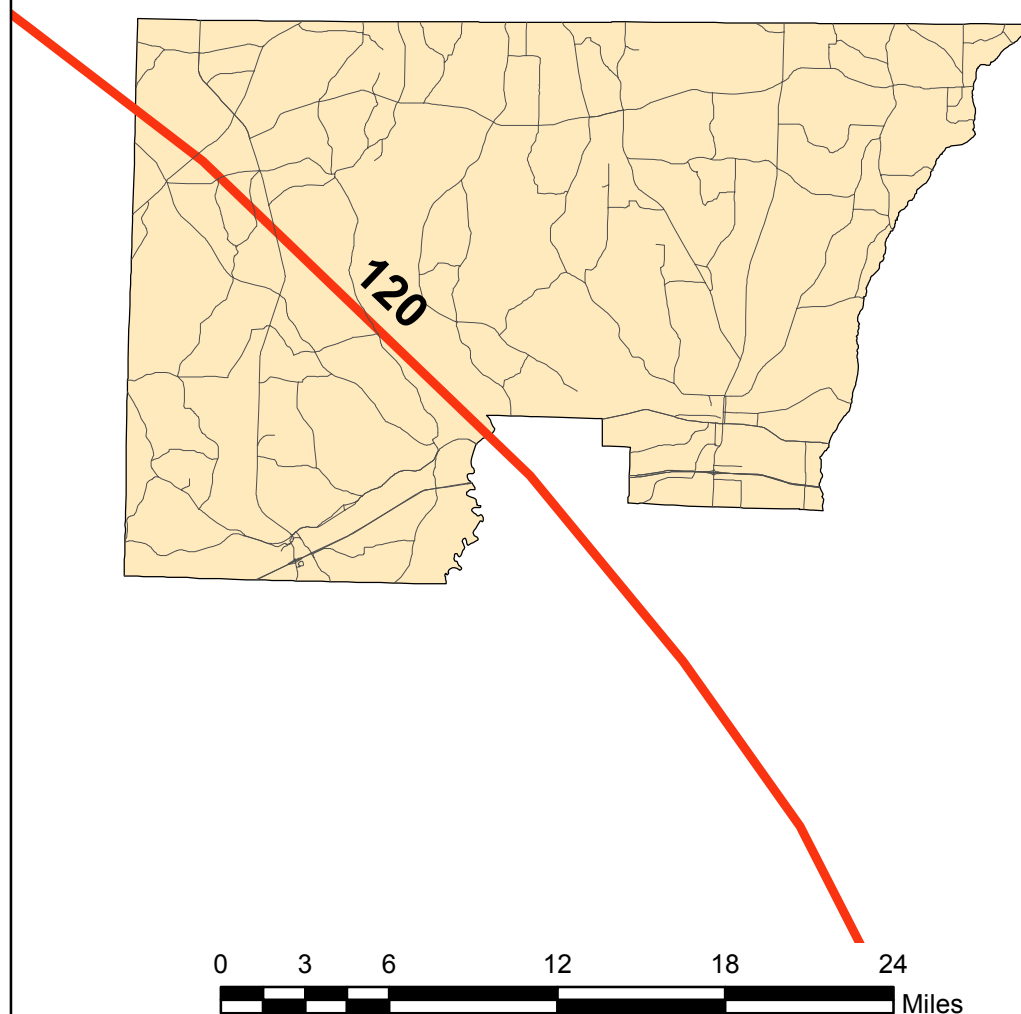
Figure 1609C Ultimate Design Wind Speeds Risk Category I Buildings

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INDIANRIVER

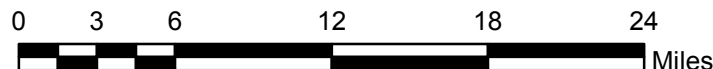
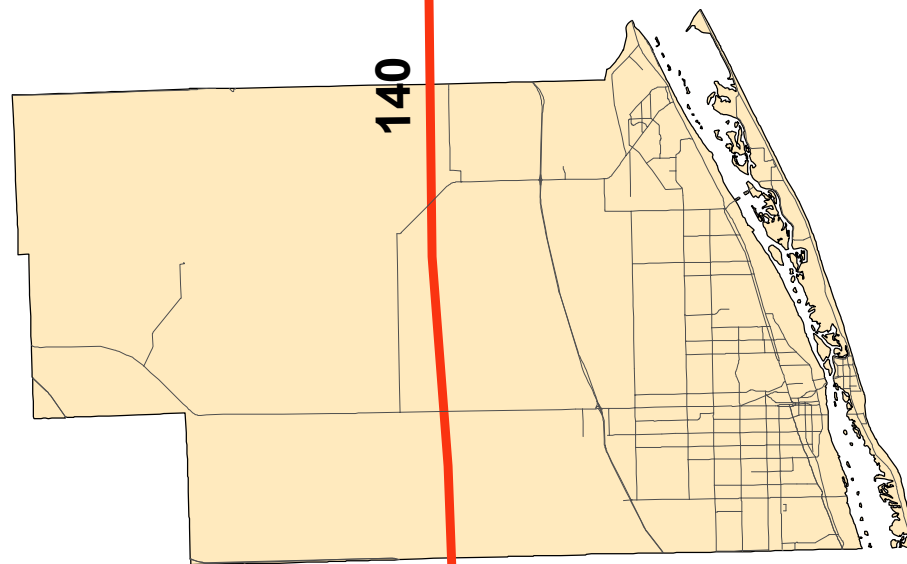
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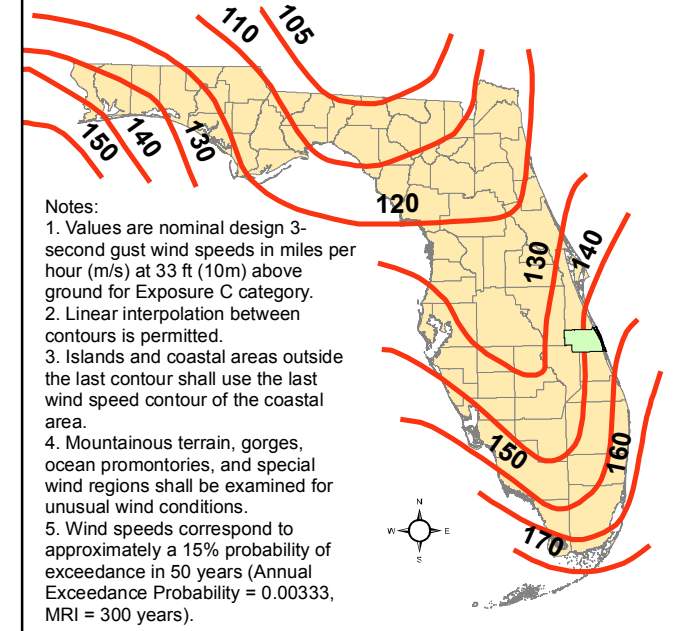
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June 28, 2011

**Figure 1609C Ultimate Design Wind Speeds,
for Risk Category I Buildings and Other Structures**



- Notes:**
1. Values are nominal design 3-second gust wind speeds in miles per hour (m/s) at 33 ft (10m) above ground for Exposure C category.
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Sources: Florida Department of Community Affairs, Codes and Standards Division; Applied Research Associates, Inc.; Florida Geographic Data Library

JACKSON

Figure 1609C

Ultimate Design Wind Speeds

Risk Category I Buildings

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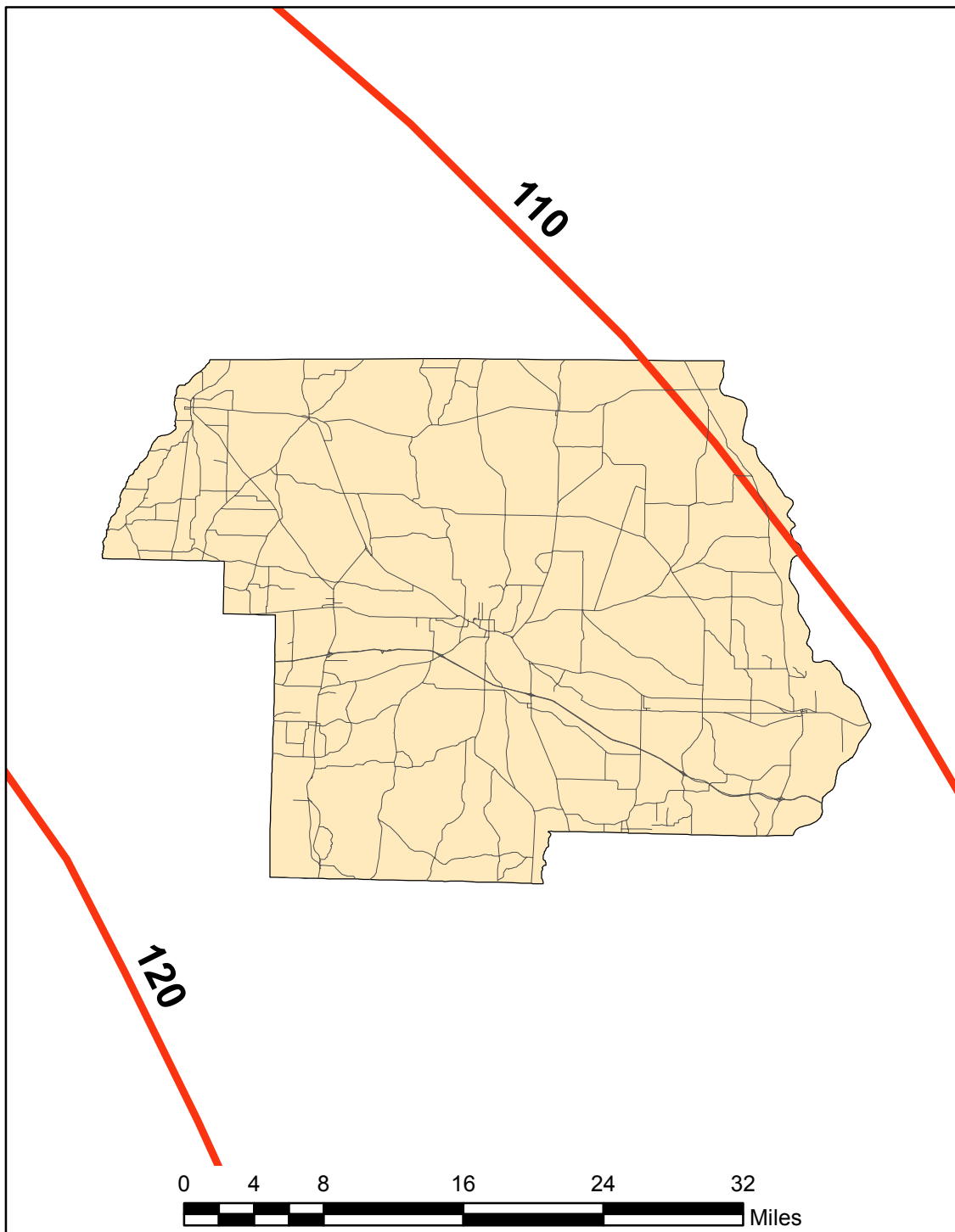
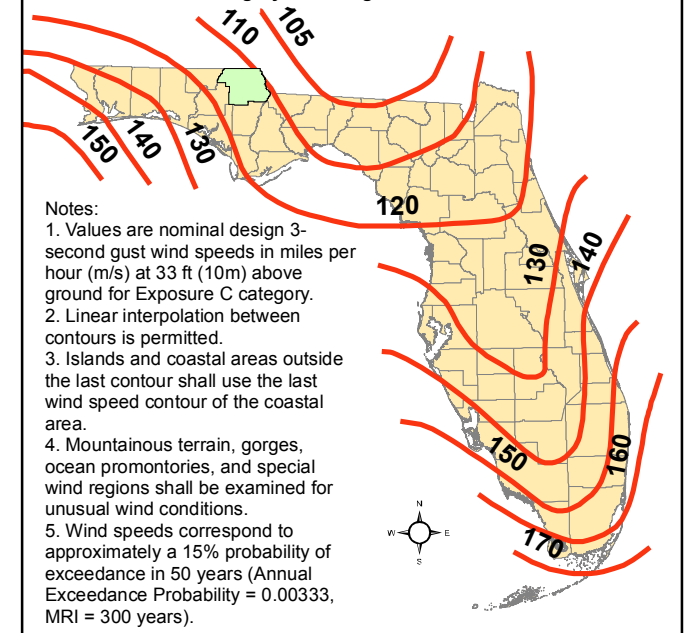


Figure 1609C Ultimate Design Wind Speeds, for Risk Category I Buildings and Other Structures



JEFFERSON

Figure 1609C Ultimate Design Wind Speeds Risk Category I Buildings

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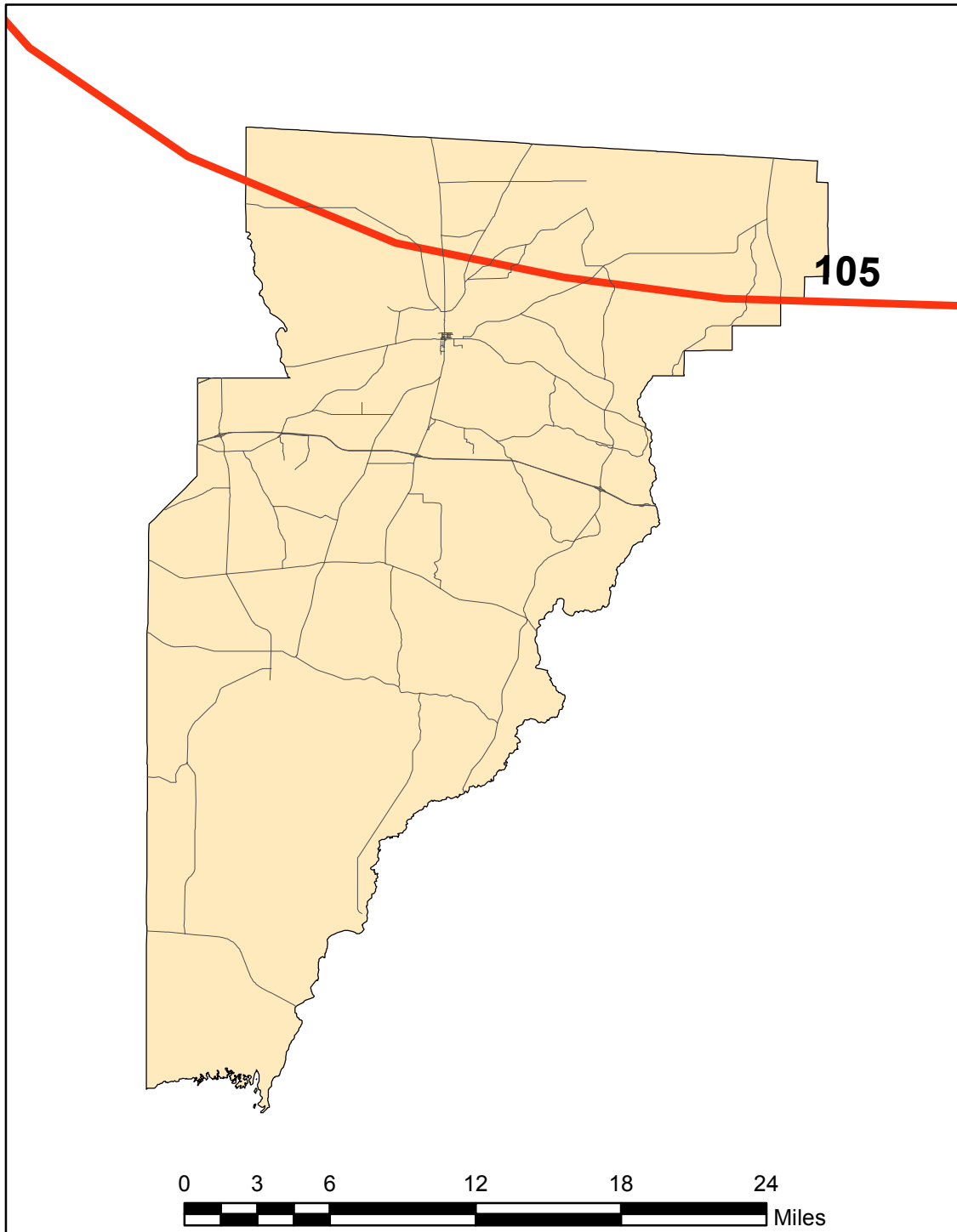
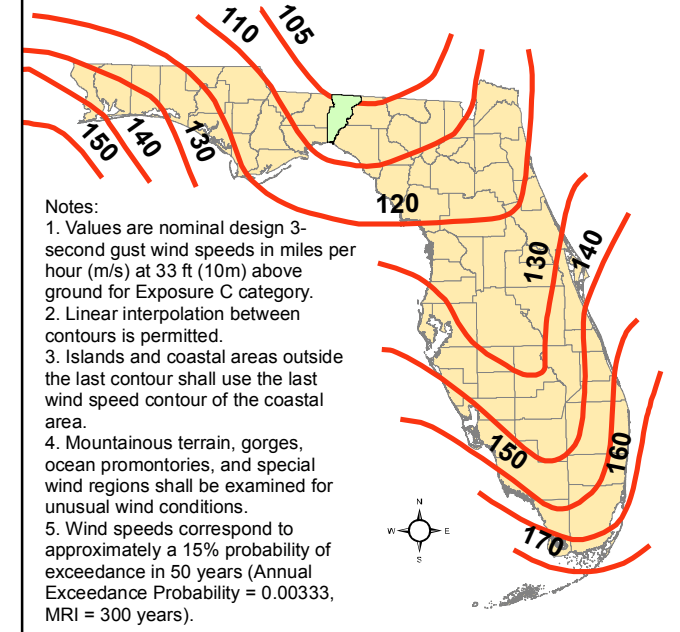


Figure 1609C Ultimate Design Wind Speeds,
for Risk Category I Buildings and Other Structures



Notes:

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LAFAYETTE

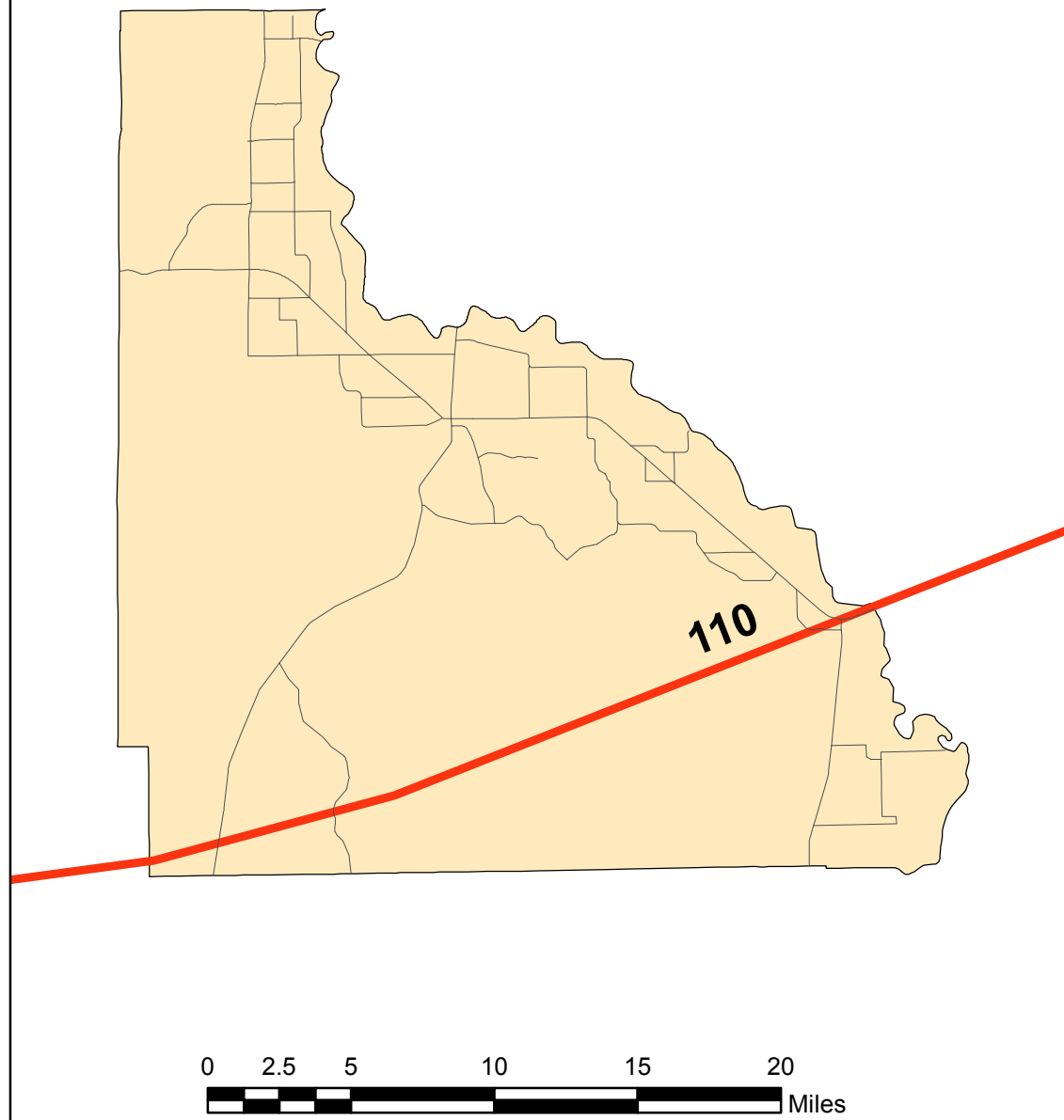
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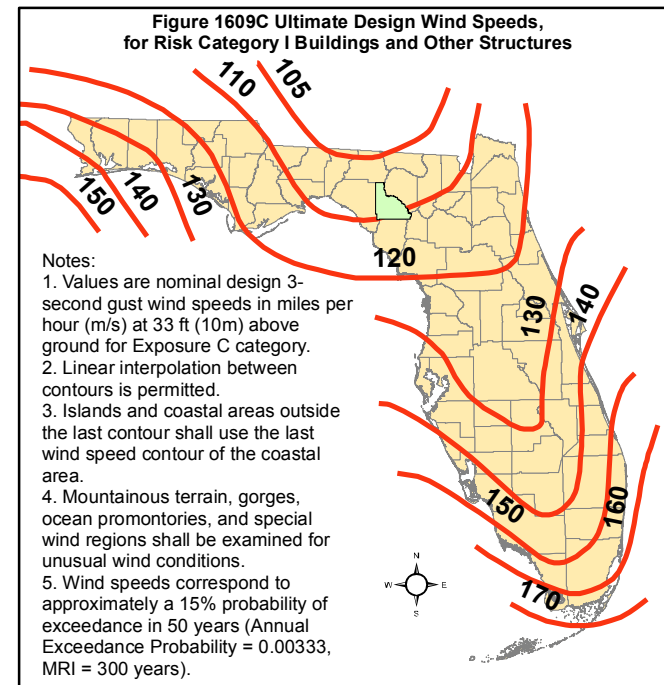
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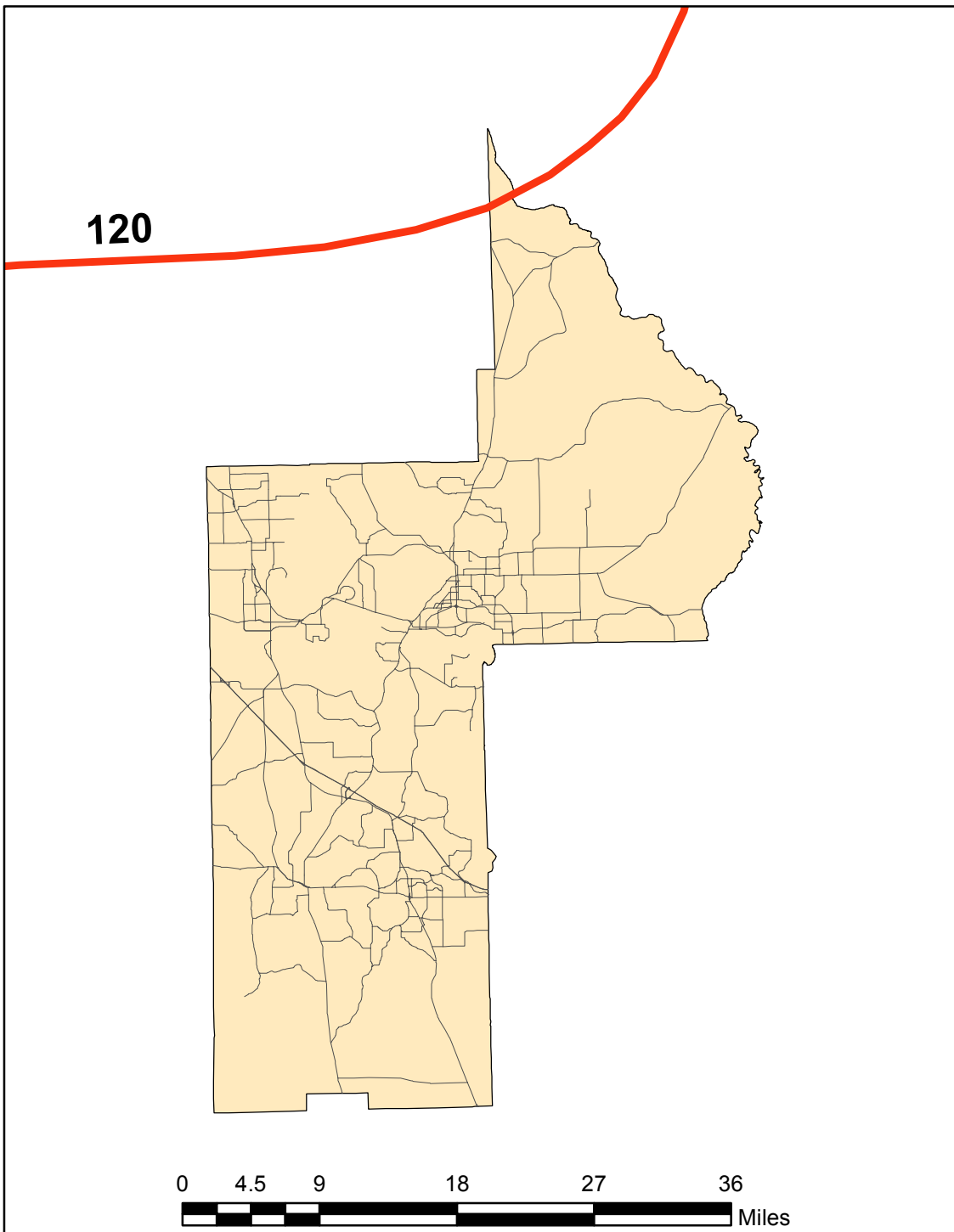
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June 28, 2011



Sources: Florida Department of Community Affairs, Codes and Standards Division; Applied Research Associates, Inc.; Florida Geographic Data Library



June 28, 2011

LAKE

Figure 1609C

Ultimate Design Wind Speeds

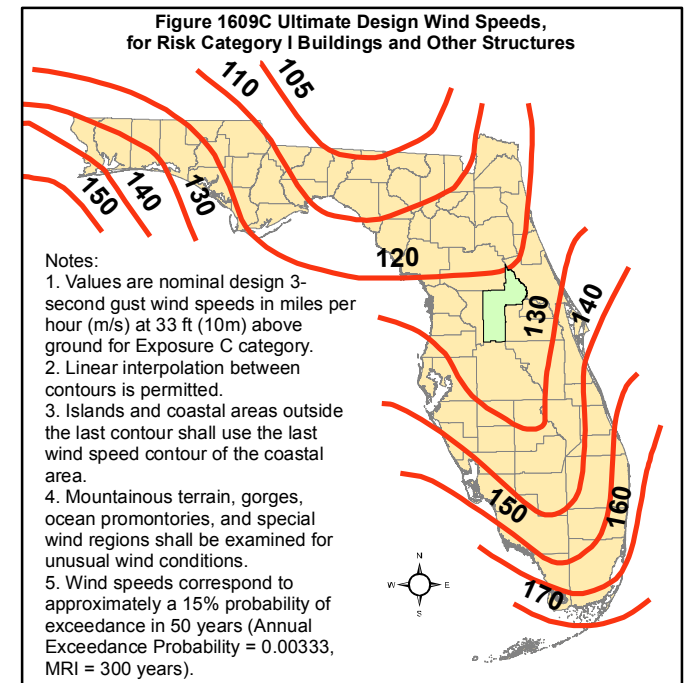
Risk Category I Buildings

BASIC WIND SPEED. The basic wind speed in miles per hour, for the development of wind loads, shall be determined from Figure 1609. The exact location of wind speed lines shall be established by local ordinance using recognized physical landmarks such as major roads, canals, rivers and lake shores whenever possible.

WIND-BORNE DEBRIS REGION. Areas within hurricane- prone regions located:

1. Within 1 mile (1.61 km) of the coastal mean high water line where the ultimate design wind speed V_{ult} is 130 mph (48 m/s) or greater; or
2. In areas where the ultimate design wind speed V_{ult} is 140 mph (53 m/s) or greater

For Risk Category II buildings and structures and occupancy category III buildings and structures, except health care facilities, the windborne debris region shall be based on Figure 1609A. For occupancy category IV buildings and structures and occupancy category III health care facilities, the windborne debris region shall be based on Figure 1609B.



Sources: Florida Department of Community Affairs, Codes and Standards Division; Applied Research Associates, Inc.; Florida Geographic Data Library

LEE

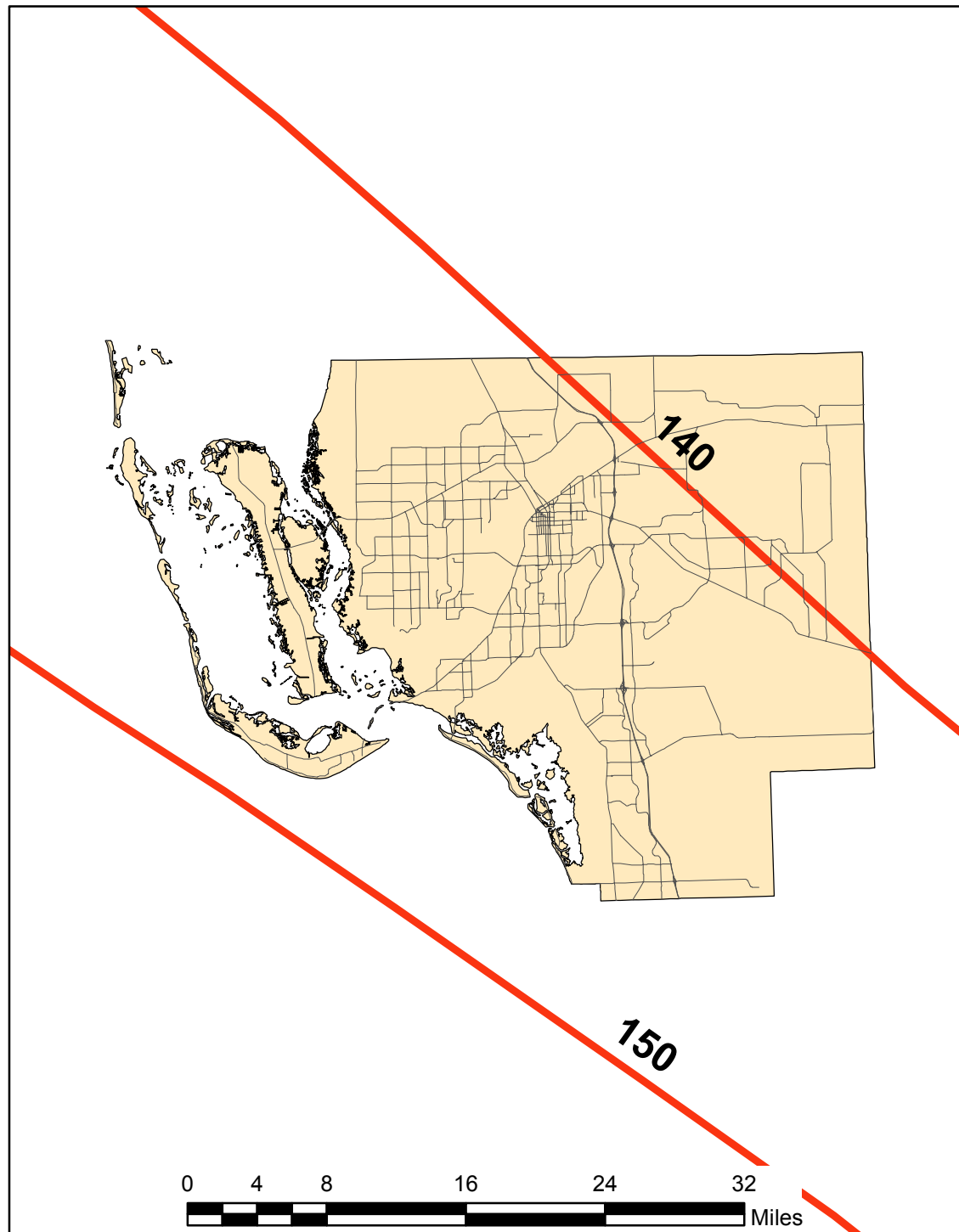
Figure 1609C Ultimate Design Wind Speeds Risk Category I Buildings

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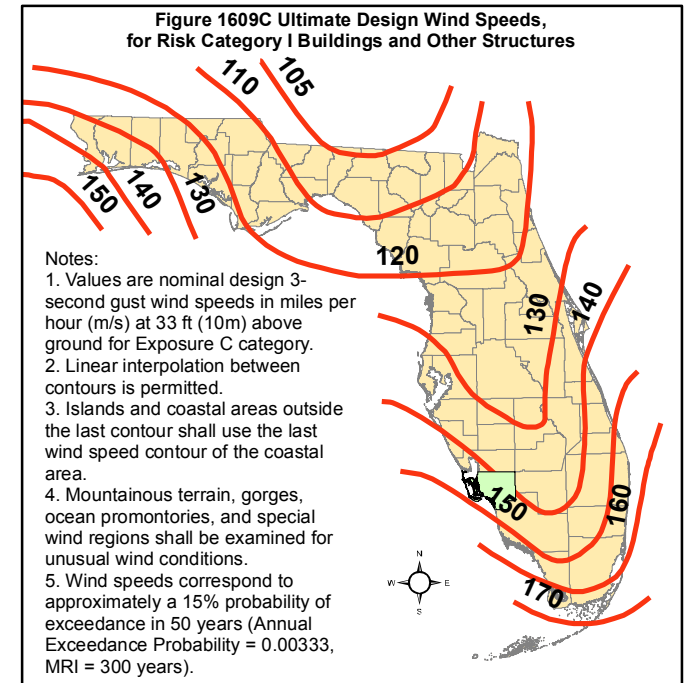
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June 28, 2011



Sources: Florida Department of Community Affairs, Codes and Standards Division; Applied Research Associates, Inc.; Florida Geographic Data Library

LEON

Figure 1609C Ultimate Design Wind Speeds Risk Category I Buildings

BASIC WIND SPEED. The basic wind speed in miles per hour, for the development of wind loads, shall be determined from Figure 1609. The exact location of wind speed lines shall be established by local ordinance using recognized physical landmarks such as major roads, canals, rivers and lake shores whenever possible.

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1. Within 1 mile (1.61 km) of the coastal mean high water line where the ultimate design wind speed V_{ult} is 130 mph (48 m/s) or greater; or
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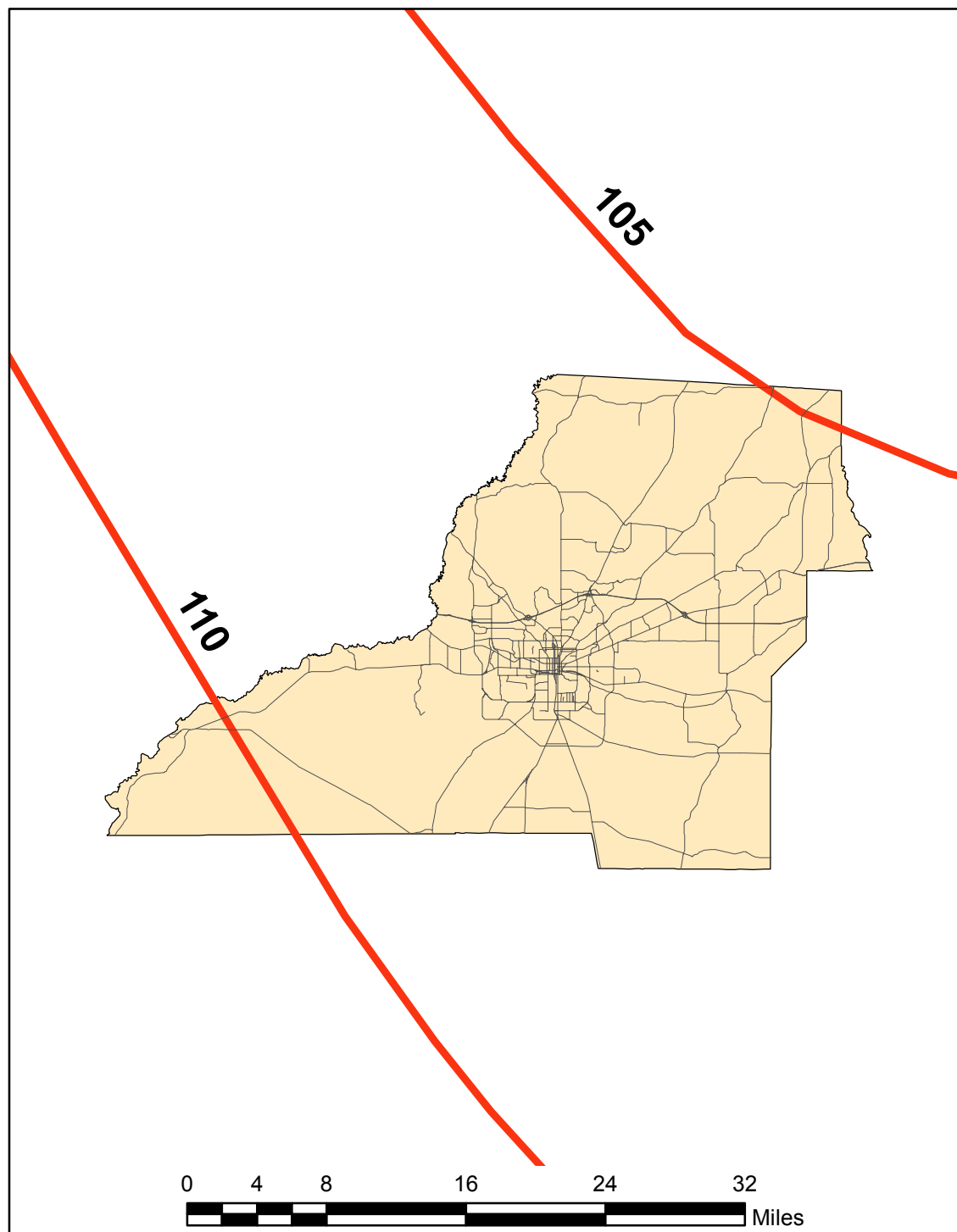
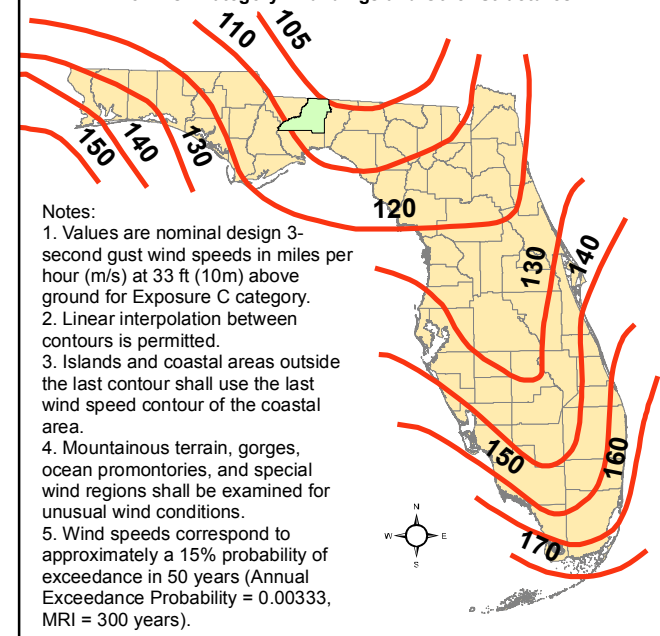


Figure 1609C Ultimate Design Wind Speeds,
for Risk Category I Buildings and Other Structures



- Notes:
1. Values are nominal design 3-second gust wind speeds in miles per hour (m/s) at 33 ft (10m) above ground for Exposure C category.
 2. Linear interpolation between contours is permitted.
 3. Islands and coastal areas outside the last contour shall use the last wind speed contour of the coastal area.
 4. Mountainous terrain, gorges, ocean promontories, and special wind regions shall be examined for unusual wind conditions.
 5. Wind speeds correspond to approximately a 15% probability of exceedance in 50 years (Annual Exceedance Probability = 0.00333, MRI = 300 years).

LEVY

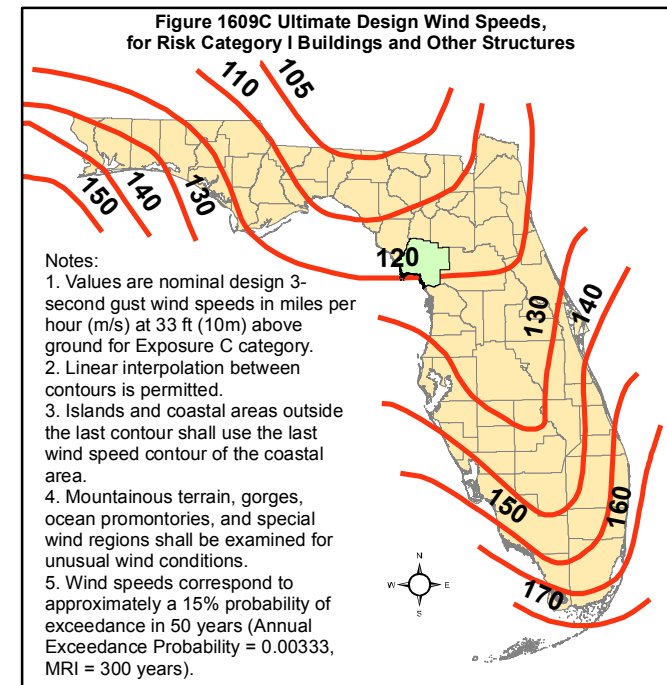
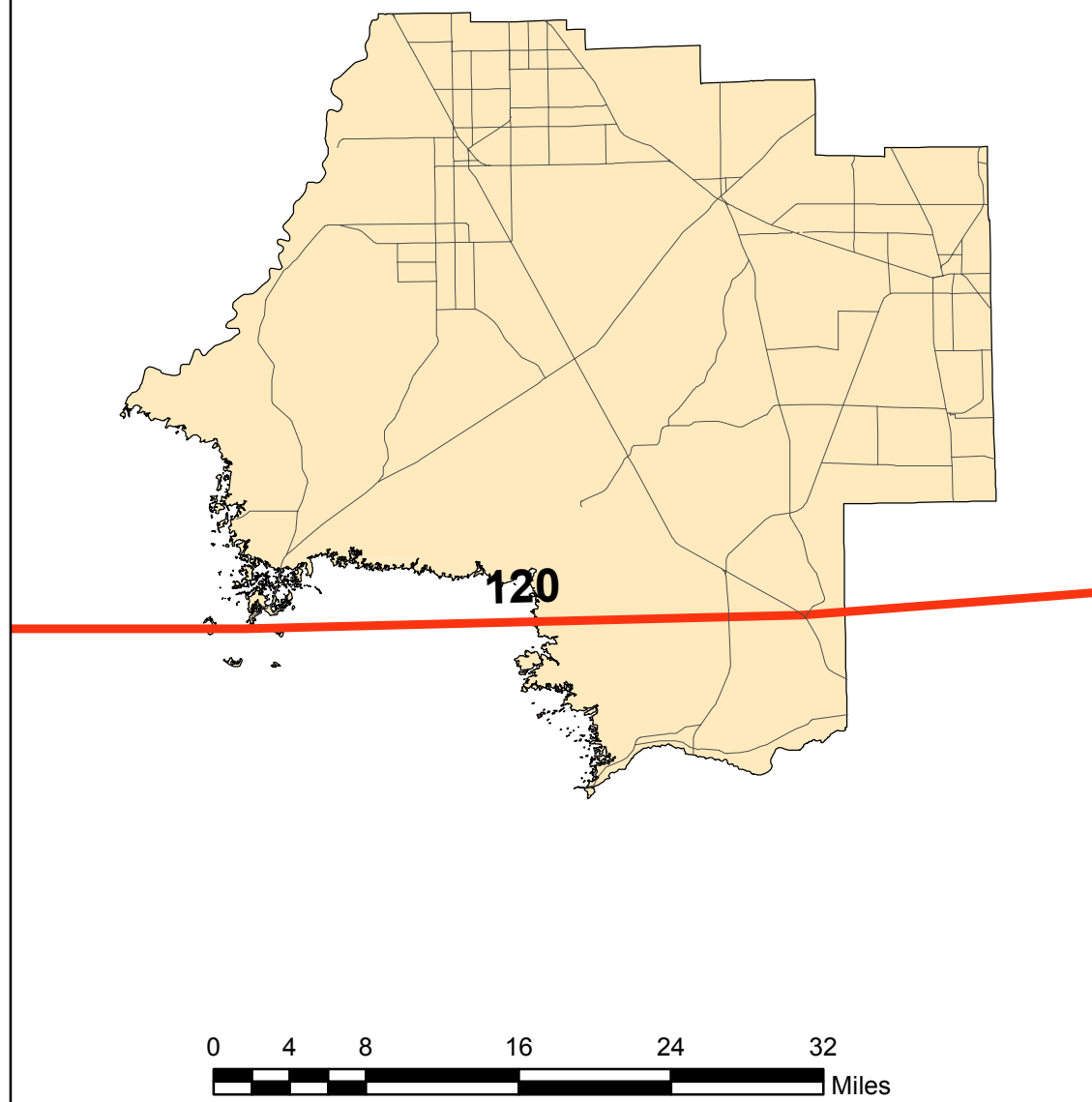
Figure 1609C Ultimate Design Wind Speeds Risk Category I Buildings

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LIBERTY

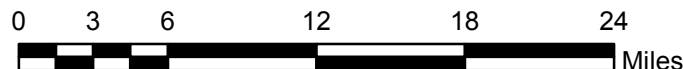
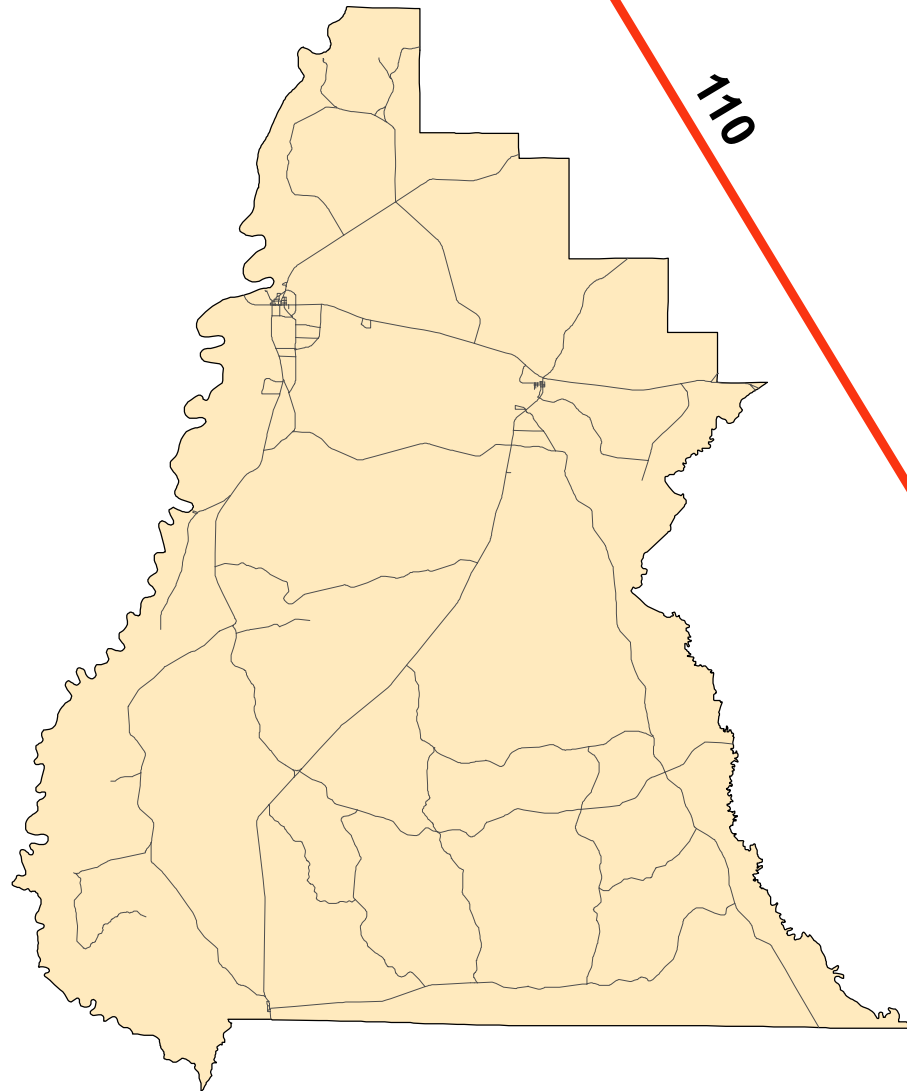
Figure 1609C Ultimate Design Wind Speeds Risk Category I Buildings

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WIND-BORNE DEBRIS REGION. Areas within hurricane-prone regions located:

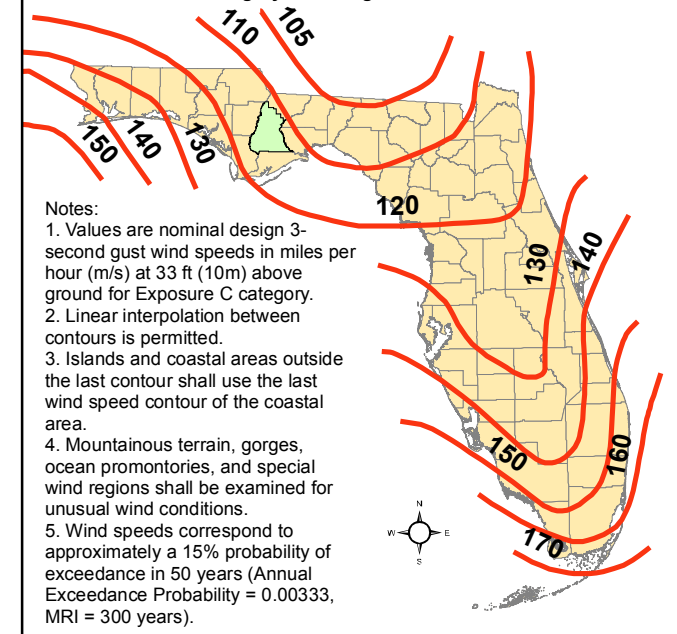
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June 28, 2011

Figure 1609C Ultimate Design Wind Speeds,
for Risk Category I Buildings and Other Structures



Notes:

1. Values are nominal design 3-second gust wind speeds in miles per hour (m/s) at 33 ft (10m) above ground for Exposure C category.
2. Linear interpolation between contours is permitted.
3. Islands and coastal areas outside the last contour shall use the last wind speed contour of the coastal area.
4. Mountainous terrain, gorges, ocean promontories, and special wind regions shall be examined for unusual wind conditions.
5. Wind speeds correspond to approximately a 15% probability of exceedance in 50 years (Annual Exceedance Probability = 0.00333, MRI = 300 years).

Sources: Florida Department of Community Affairs, Codes and Standards Division; Applied Research Associates, Inc.; Florida Geographic Data Library

MADISON

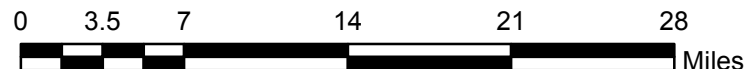
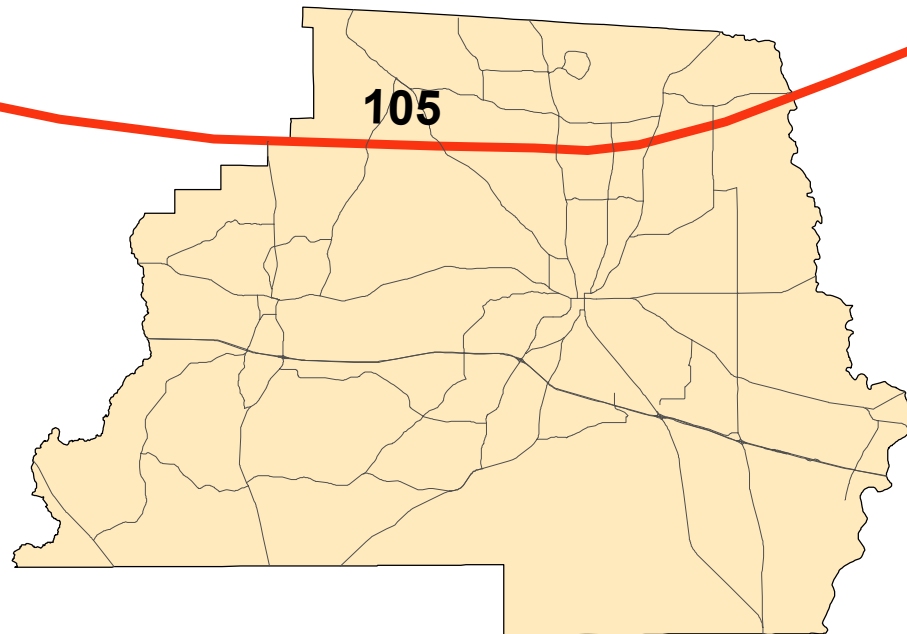
Figure 1609C Ultimate Design Wind Speeds Risk Category I Buildings

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WIND-BORNE DEBRIS REGION. Areas within hurricane-prone regions located:

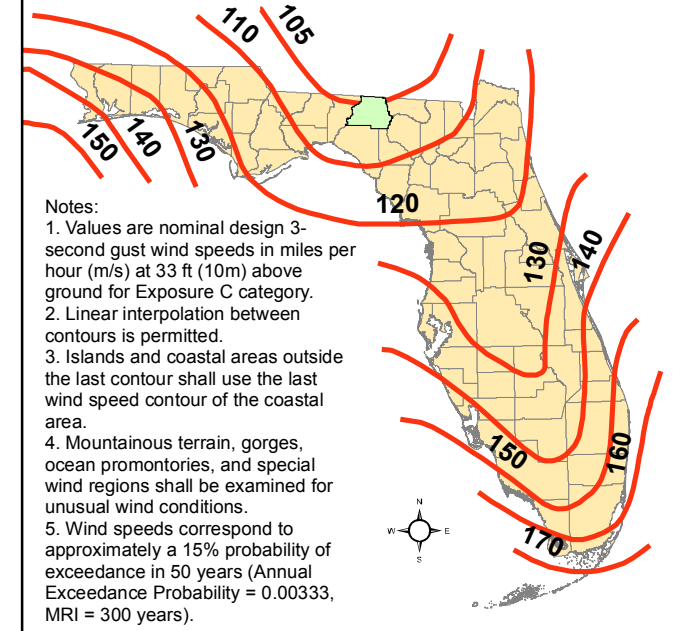
1. Within 1 mile (1.61 km) of the coastal mean high water line where the ultimate design wind speed V_{ult} is 130 mph (48 m/s) or greater; or
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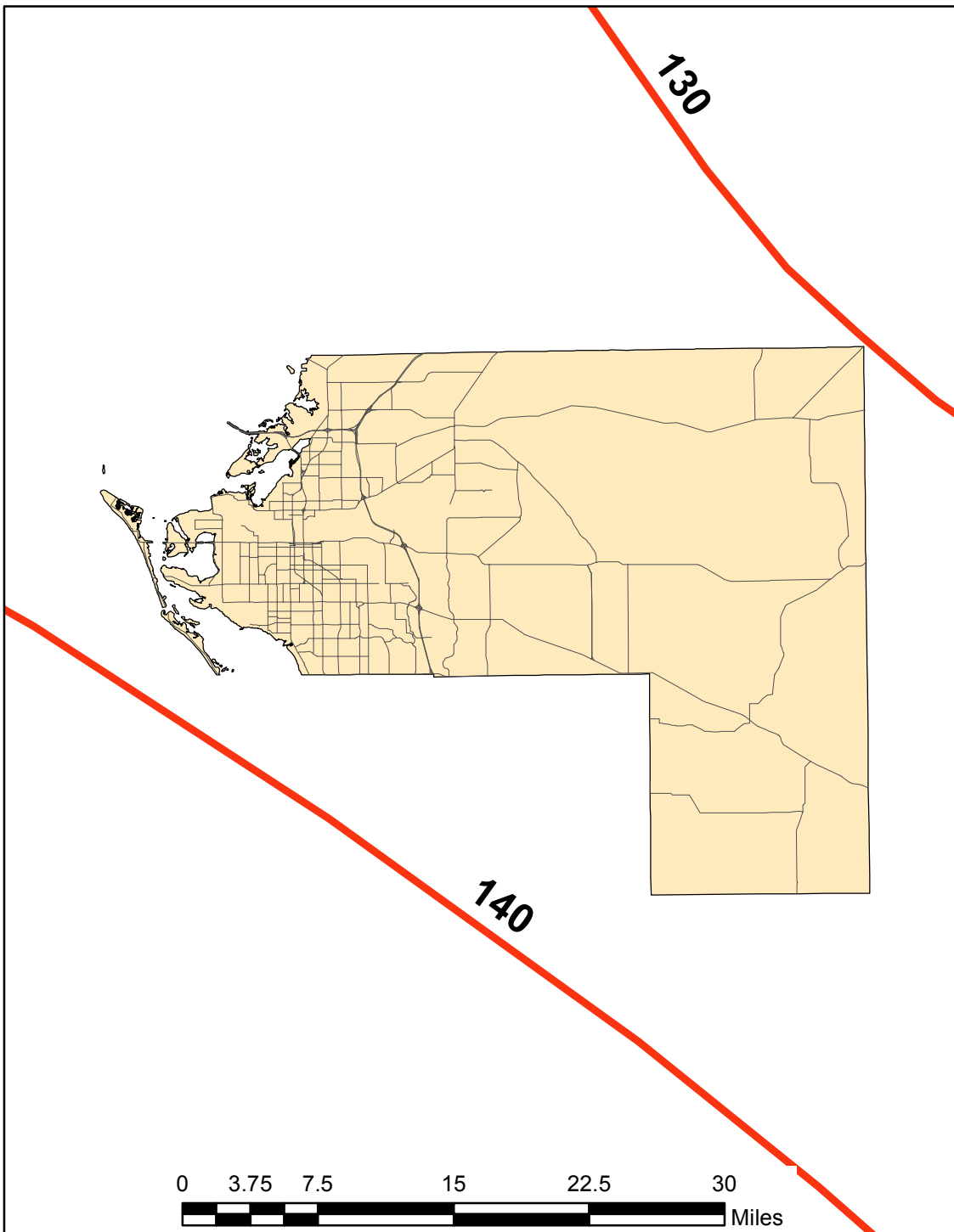
June 28, 2011

Figure 1609C Ultimate Design Wind Speeds,
for Risk Category I Buildings and Other Structures



- Notes:
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Sources: Florida Department of Community Affairs, Codes and Standards Division; Applied Research Associates, Inc.; Florida Geographic Data Library



June 28, 2011

MANATEE

Figure 1609C

Ultimate Design Wind Speeds

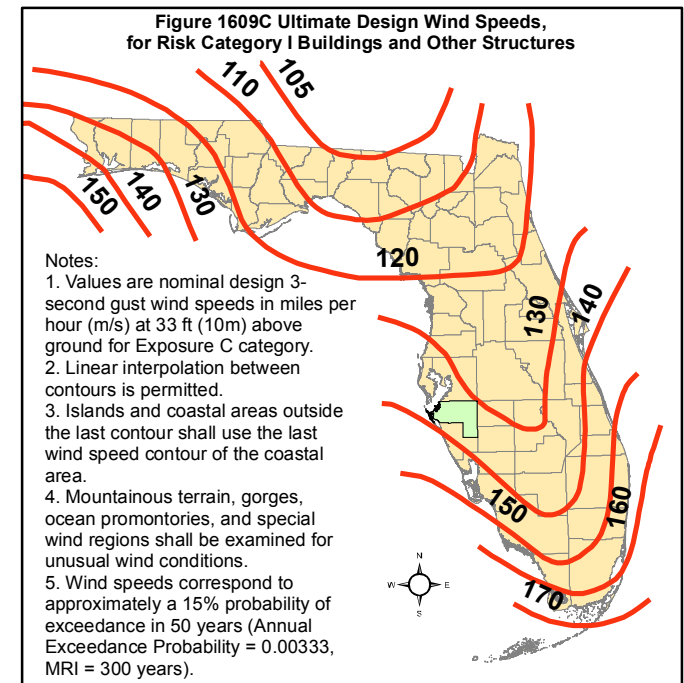
Risk Category I Buildings

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WIND-BORNE DEBRIS REGION. Areas within hurricane- prone regions located:

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Sources: Florida Department of Community Affairs, Codes and Standards Division; Applied Research Associates, Inc.; Florida Geographic Data Library

MARION

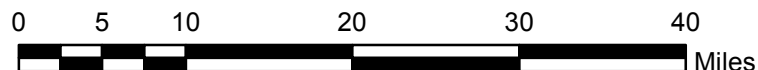
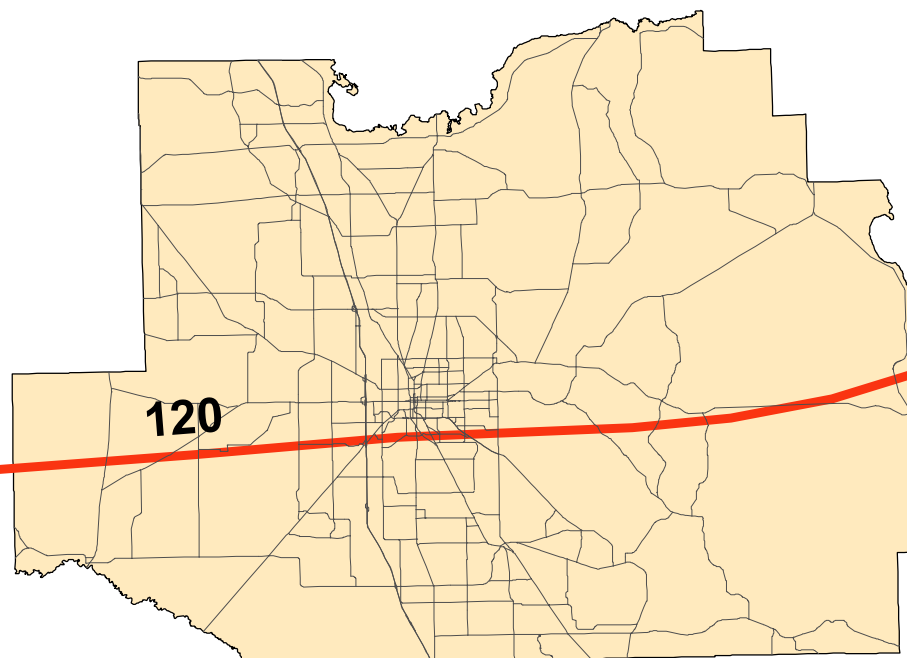
Figure 1609C Ultimate Design Wind Speeds Risk Category I Buildings

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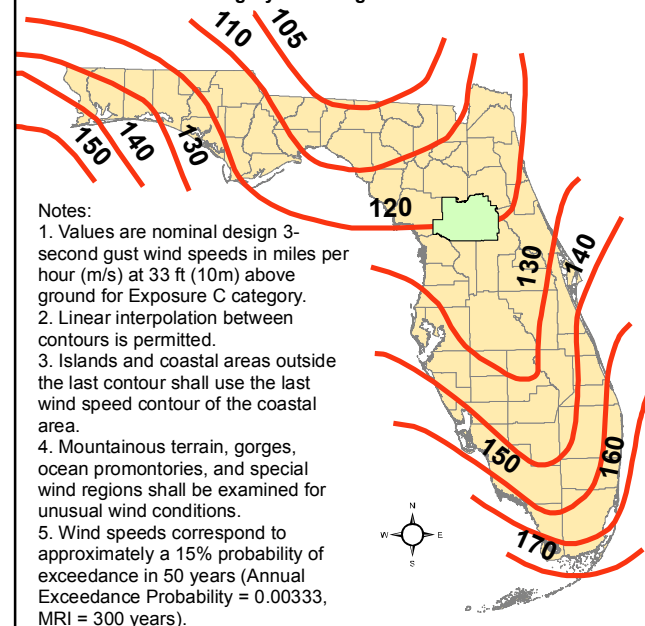
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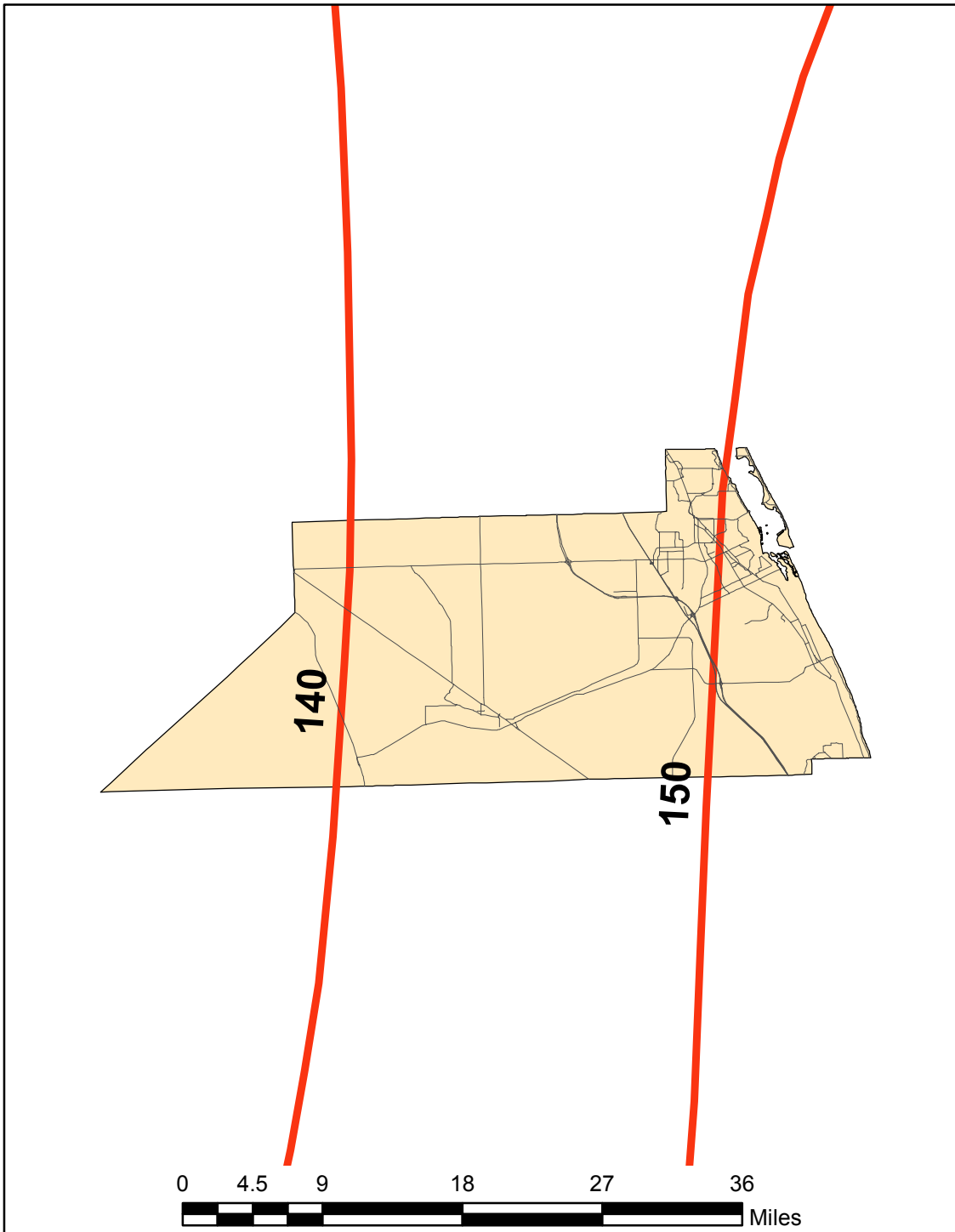
Figure 1609C Ultimate Design Wind Speeds,
for Risk Category I Buildings and Other Structures



Notes:

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Sources: Florida Department of Community Affairs, Codes and Standards Division; Applied Research Associates, Inc.; Florida Geographic Data Library



June 28, 2011

MARTIN

Figure 1609C

Ultimate Design Wind Speeds

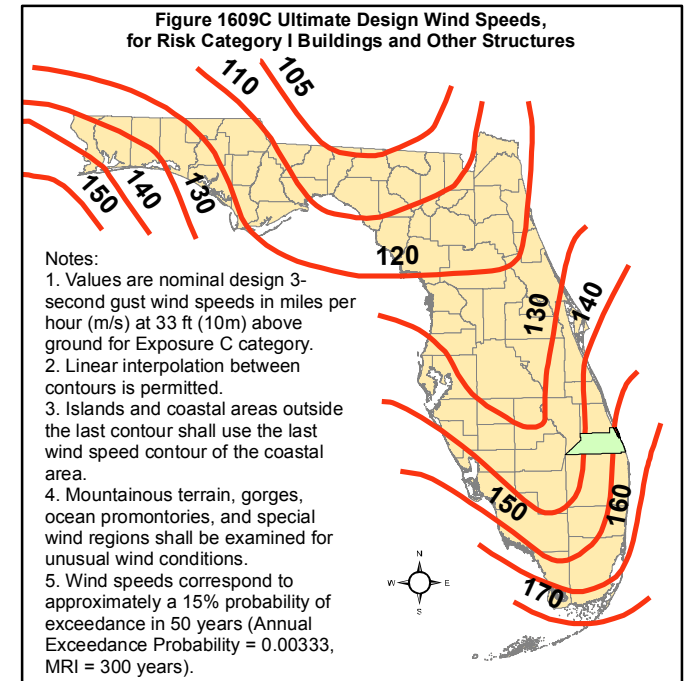
Risk Category I Buildings

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Sources: Florida Department of Community Affairs, Codes and Standards Division; Applied Research Associates, Inc.; Florida Geographic Data Library

MIAMI-DADE

Figure 1609C

Ultimate Design Wind Speeds

Risk Category I Buildings

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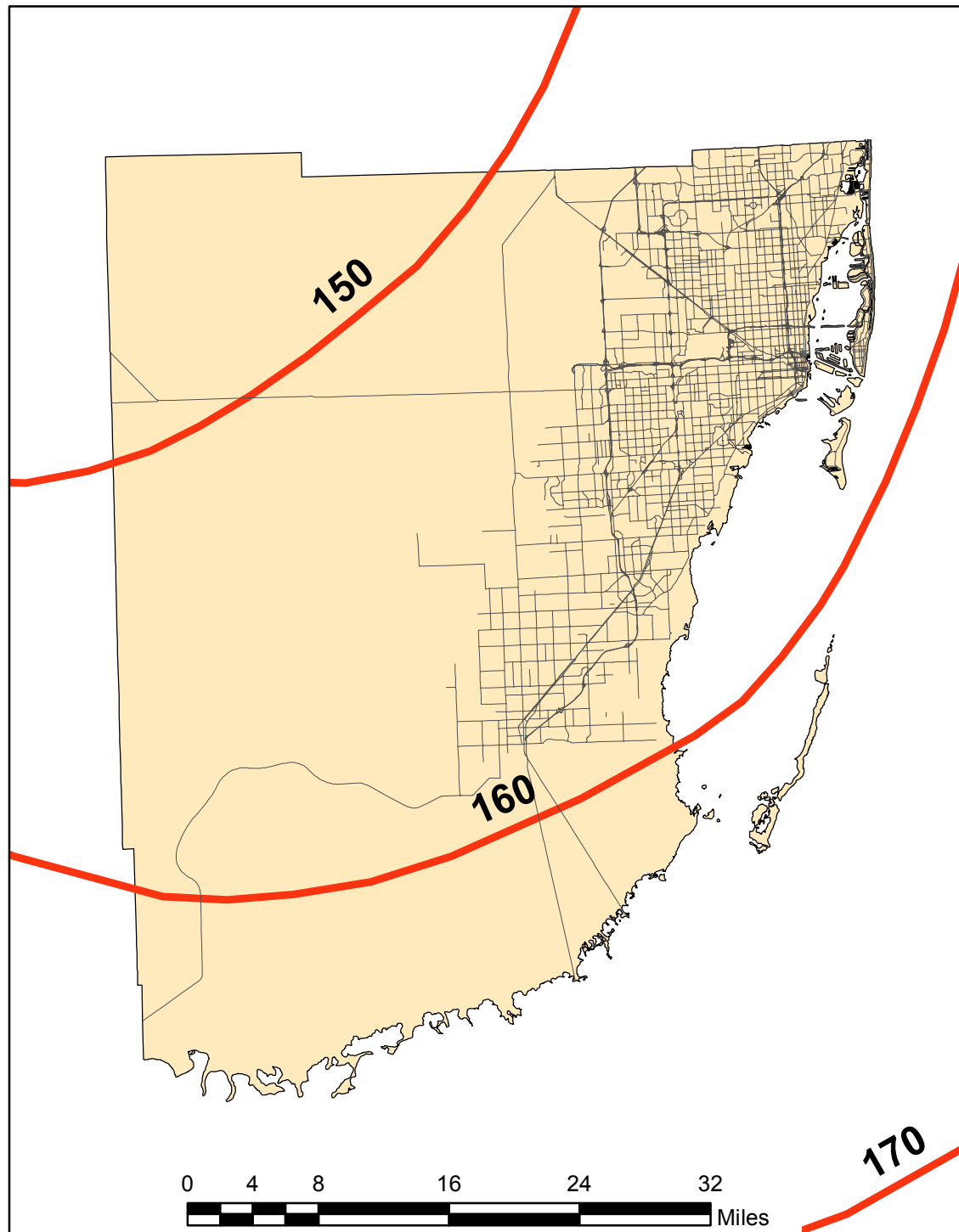
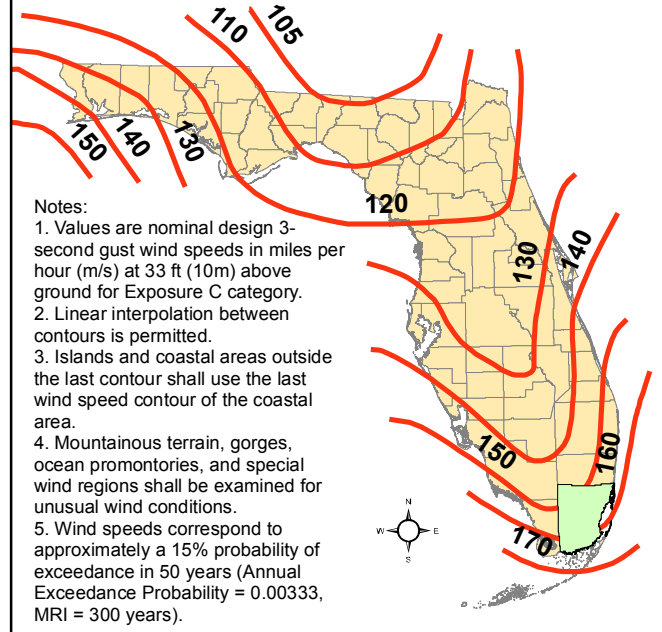
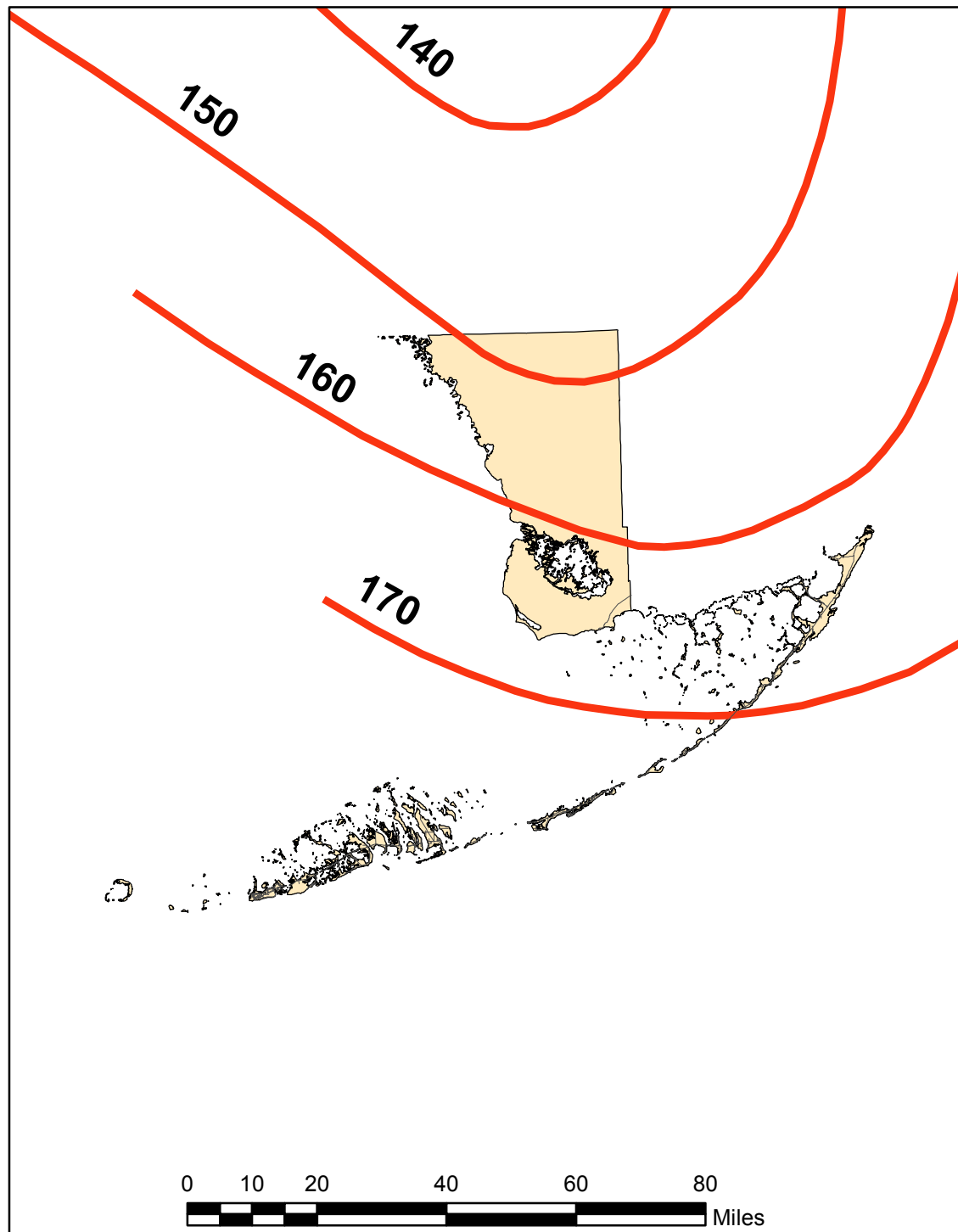


Figure 1609C Ultimate Design Wind Speeds, for Risk Category I Buildings and Other Structures



Notes:

1. Values are nominal design 3-second gust wind speeds in miles per hour (m/s) at 33 ft (10m) above ground for Exposure C category.
2. Linear interpolation between contours is permitted.
3. Islands and coastal areas outside the last contour shall use the last wind speed contour of the coastal area.
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June 28, 2011

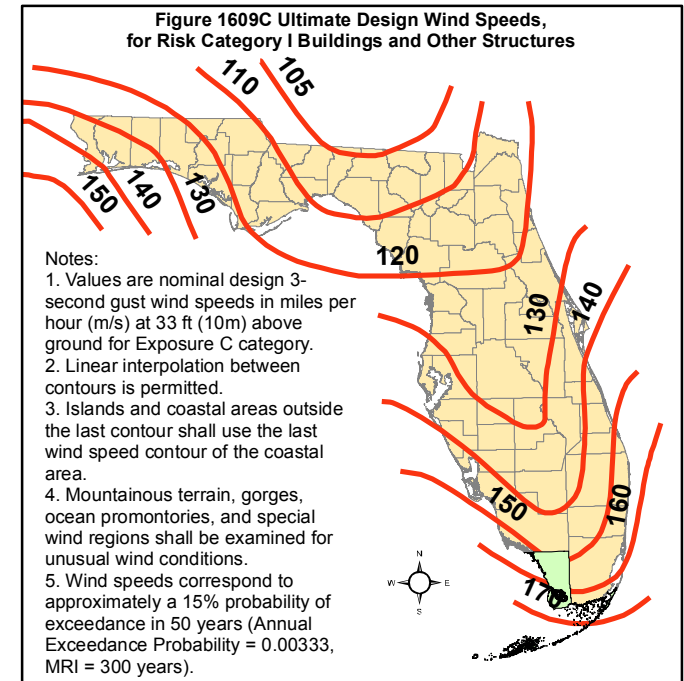
MONROE **Figure 1609C** **Ultimate Design Wind Speeds** **Risk Category I Buildings**

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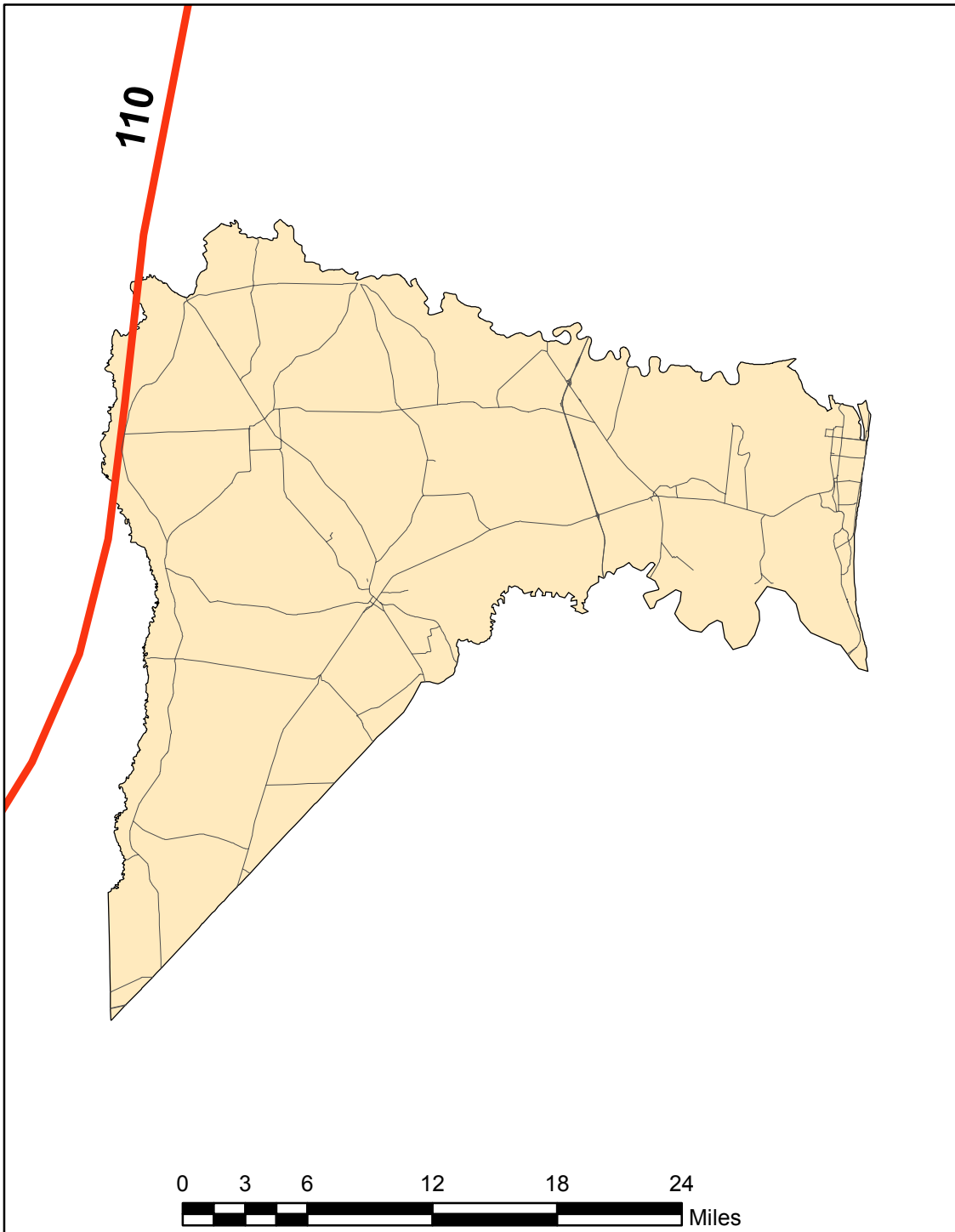
WIND-BORNE DEBRIS REGION. Areas within hurricane- prone regions located:

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Sources: Florida Department of Community Affairs, Codes and Standards Division; Applied Research Associates, Inc.; Florida Geographic Data Library



June 28, 2011

NASSAU

Figure 1609C

Ultimate Design Wind Speeds

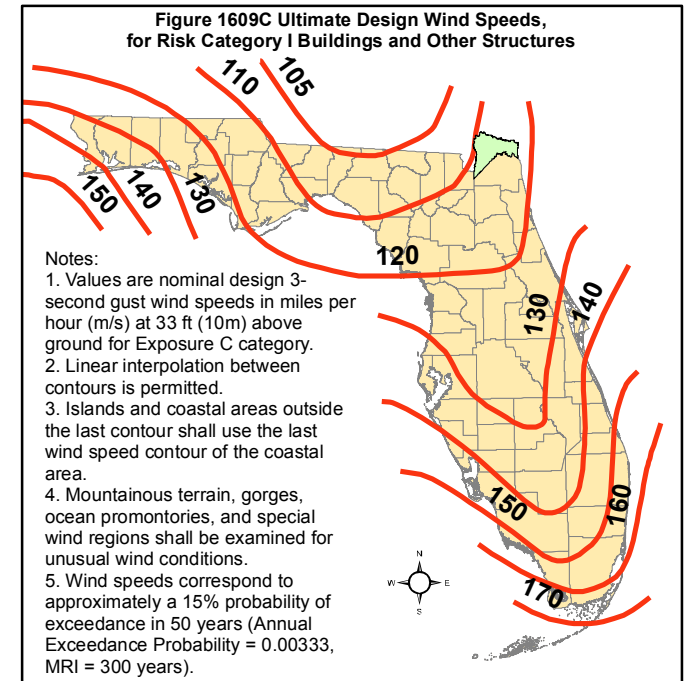
Risk Category I Buildings

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Sources: Florida Department of Community Affairs, Codes and Standards Division; Applied Research Associates, Inc.; Florida Geographic Data Library

OKALOOSA

Figure 1609C

Ultimate Design Wind Speeds Risk Category I Buildings

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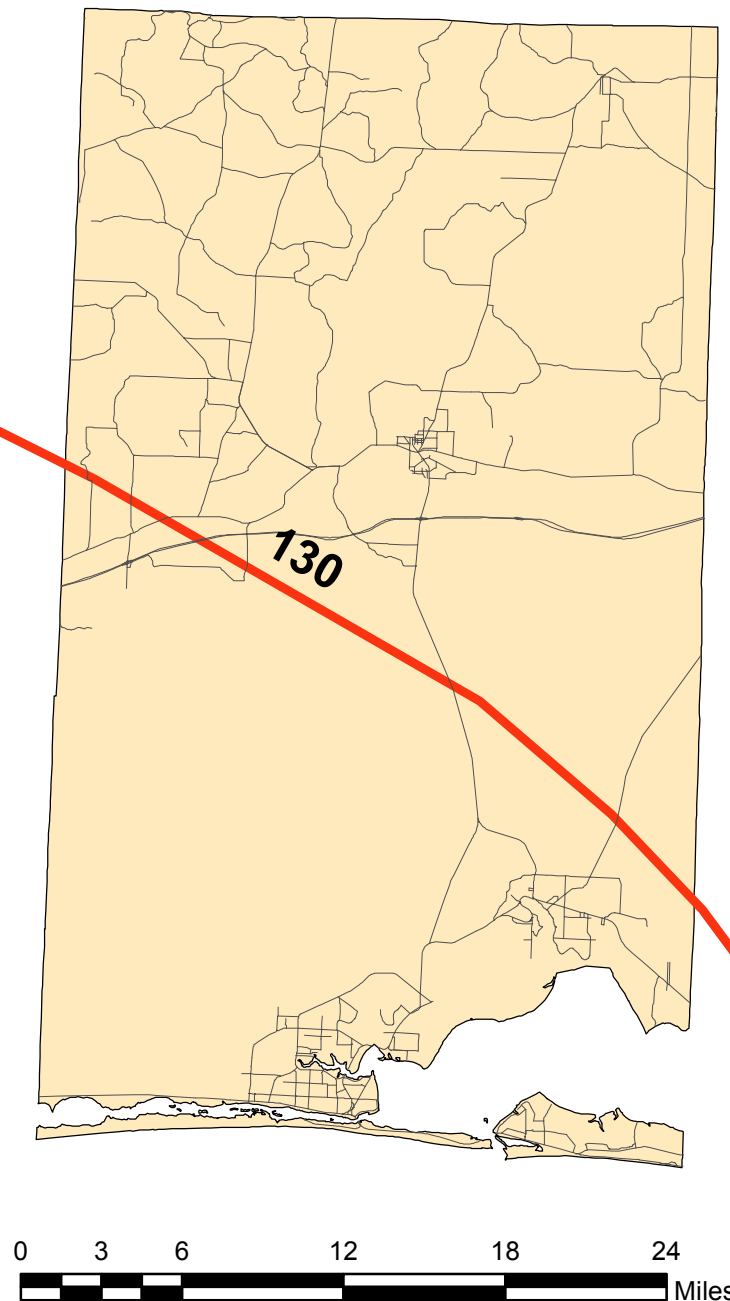
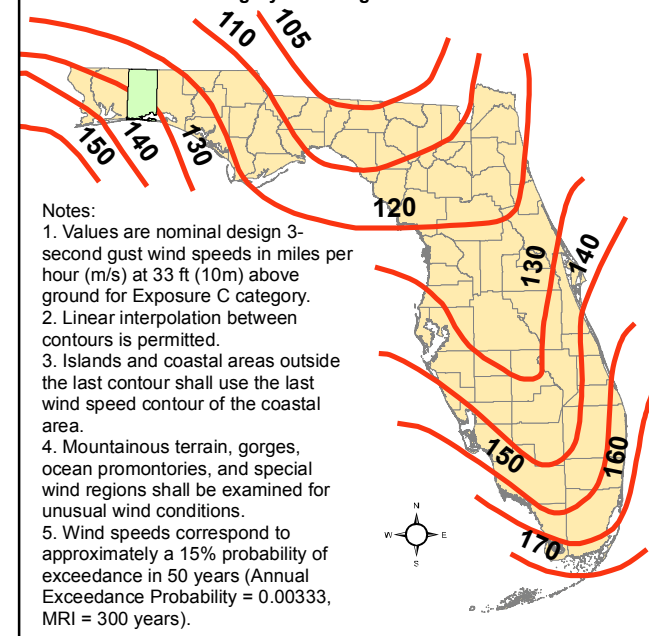
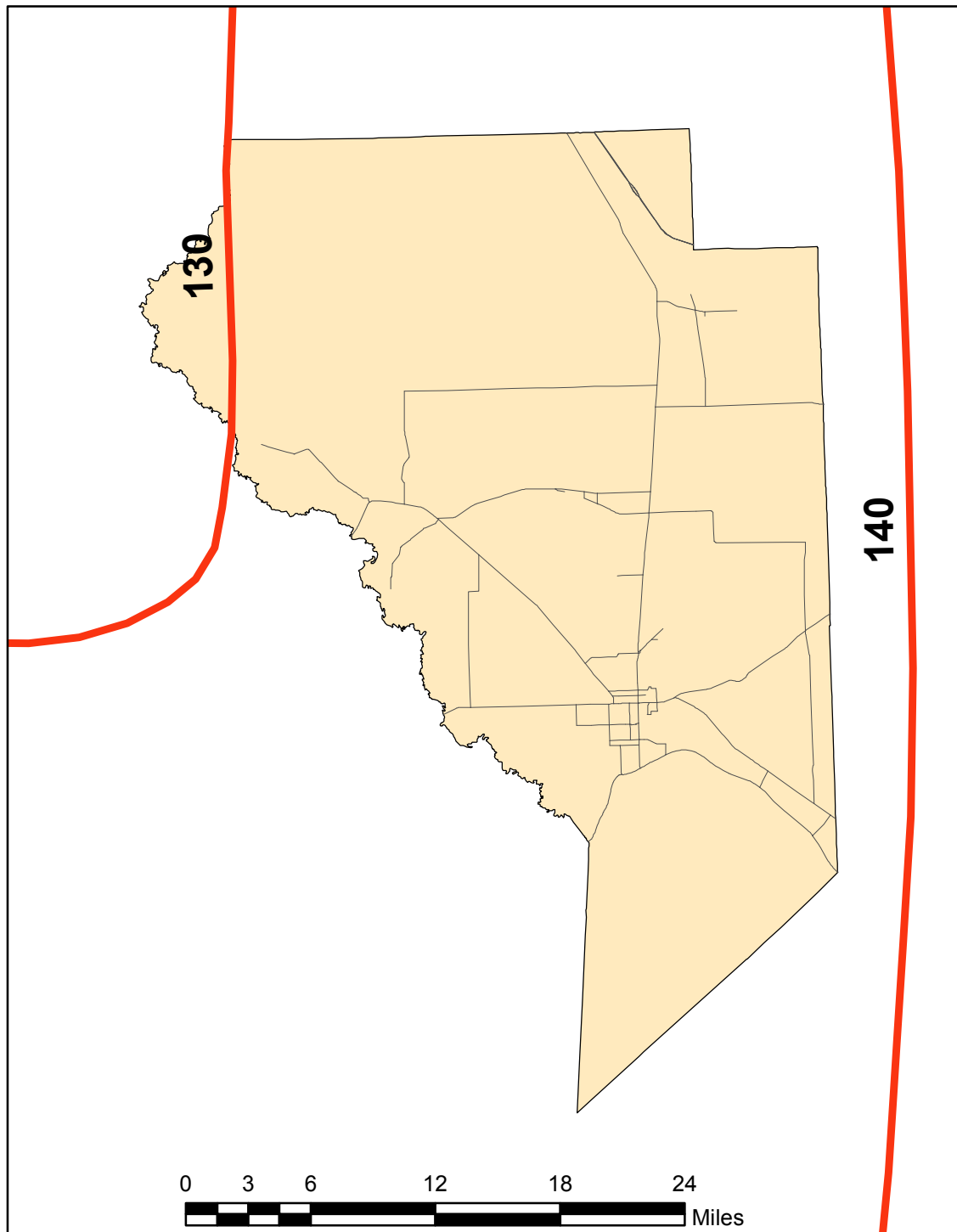


Figure 1609C Ultimate Design Wind Speeds,
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Notes:

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OKEECHOBEE

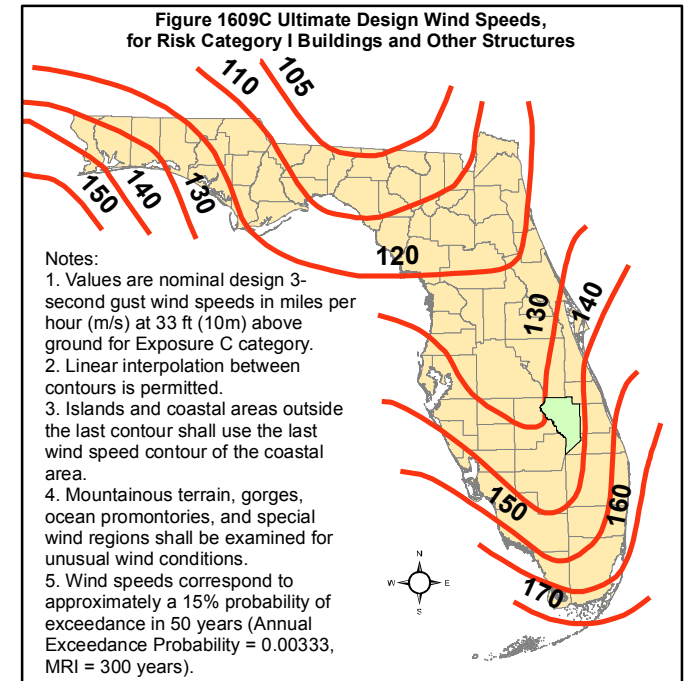
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ORANGE

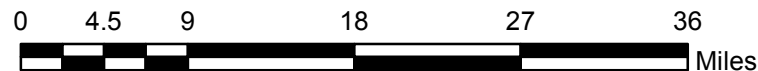
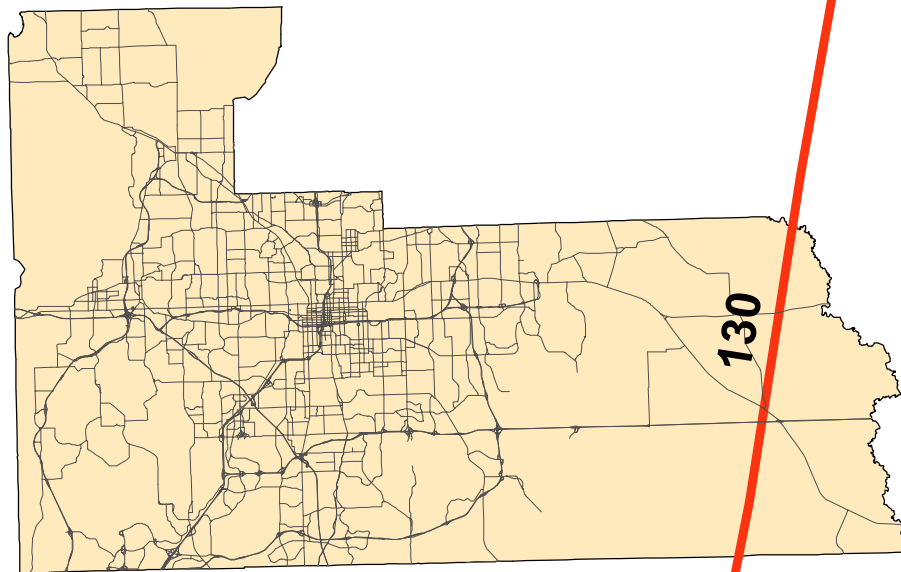
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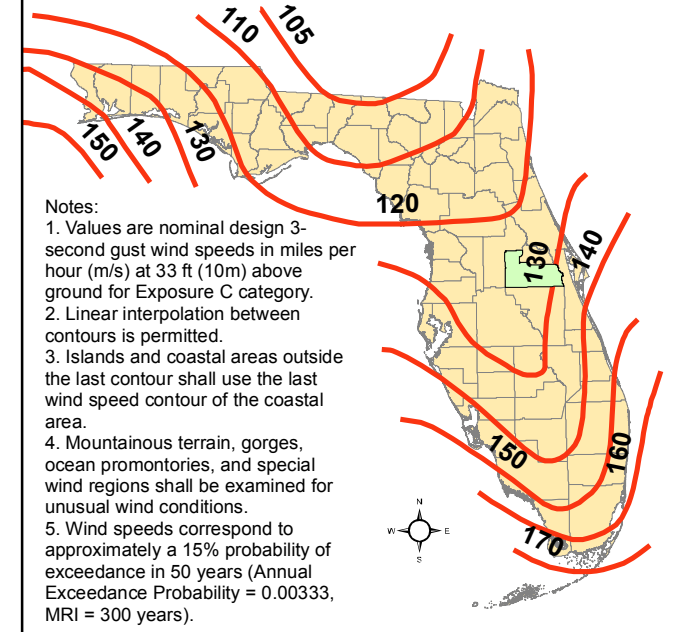
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Figure 1609C Ultimate Design Wind Speeds,
for Risk Category I Buildings and Other Structures



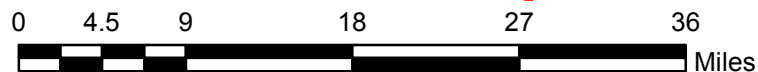
Sources: Florida Department of Community Affairs, Codes and Standards Division; Applied Research Associates, Inc.; Florida Geographic Data Library

OSCEOLA

Figure 1609C

Ultimate Design Wind Speeds

Risk Category I Buildings



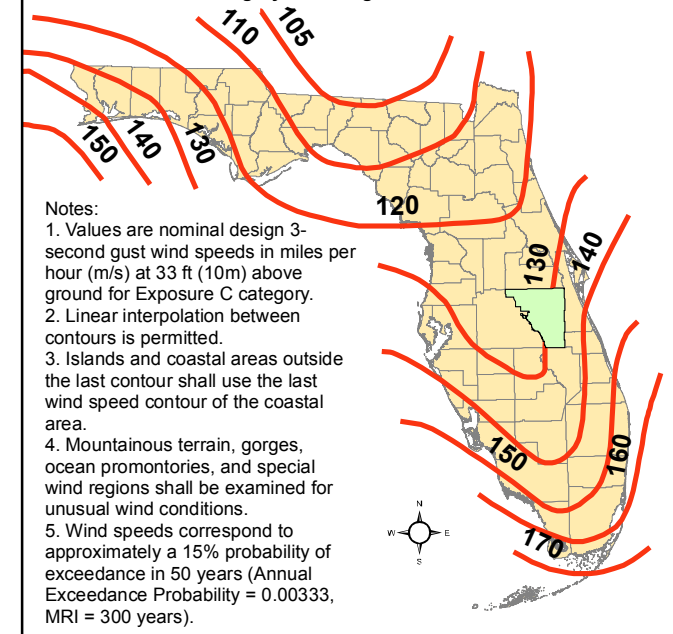
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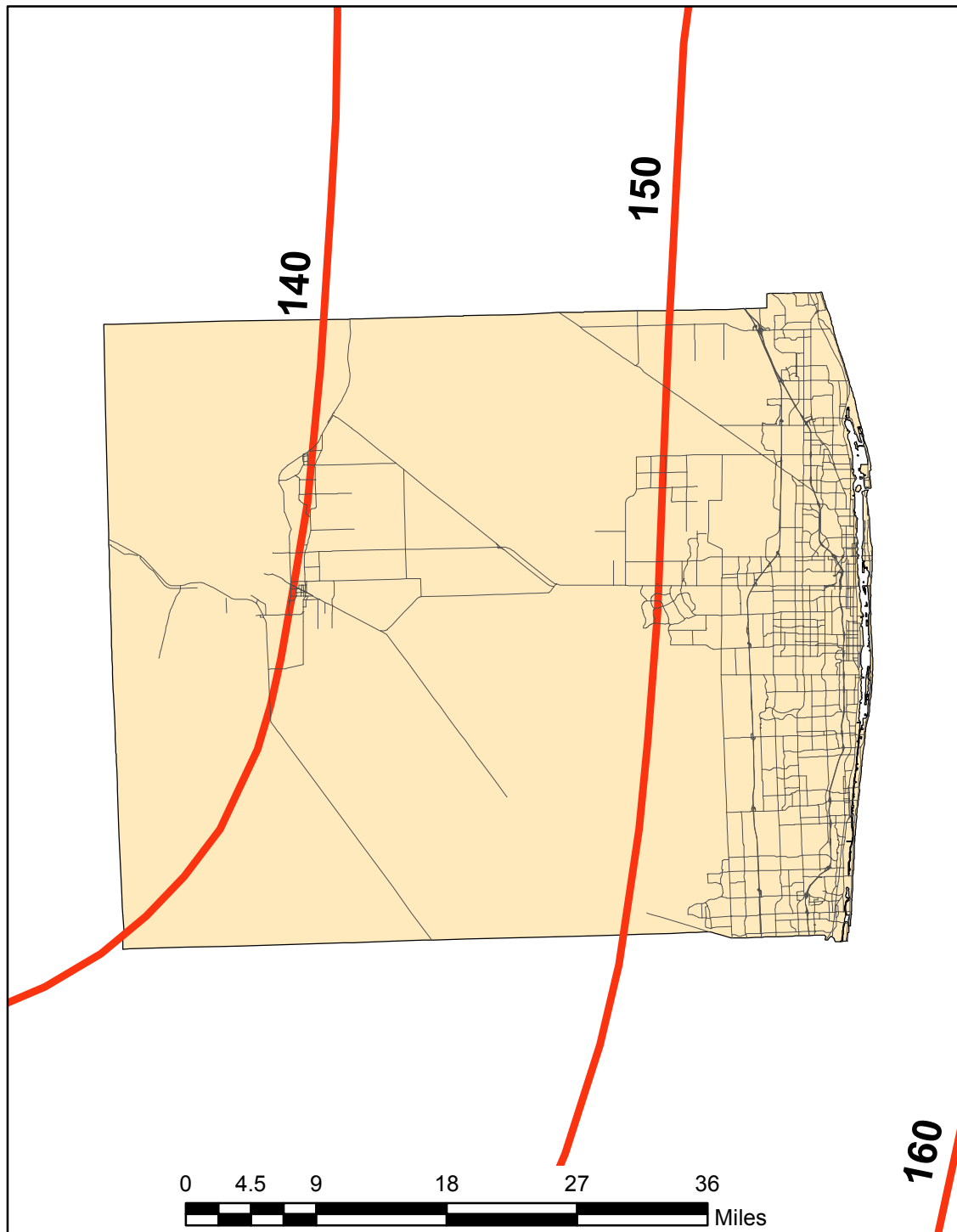
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 4. Mountainous terrain, gorges, ocean promontories, and special wind regions shall be examined for unusual wind conditions.
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June 28, 2011

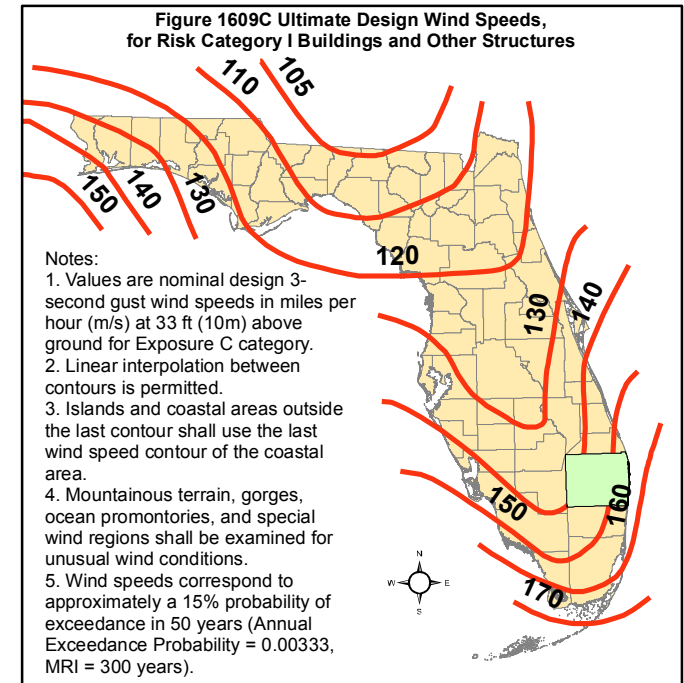
PALMBEACH **Figure 1609C** **Ultimate Design Wind Speeds** **Risk Category I Buildings**

BASIC WIND SPEED. The basic wind speed in miles per hour, for the development of wind loads, shall be determined from Figure 1609. The exact location of wind speed lines shall be established by local ordinance using recognized physical landmarks such as major roads, canals, rivers and lake shores whenever possible.

WIND-BORNE DEBRIS REGION. Areas within hurricane- prone regions located:

1. Within 1 mile (1.61 km) of the coastal mean high water line where the ultimate design wind speed V_{ult} is 130 mph (48 m/s) or greater; or
2. In areas where the ultimate design wind speed V_{ult} is 140 mph (53 m/s) or greater

For Risk Category II buildings and structures and occupancy category III buildings and structures, except health care facilities, the windborne debris region shall be based on Figure 1609A. For occupancy category IV buildings and structures and occupancy category III health care facilities, the windborne debris region shall be based on Figure 1609B.



Sources: Florida Department of Community Affairs, Codes and Standards Division; Applied Research Associates, Inc.; Florida Geographic Data Library

PASCO

Figure 1609C Ultimate Design Wind Speeds Risk Category I Buildings

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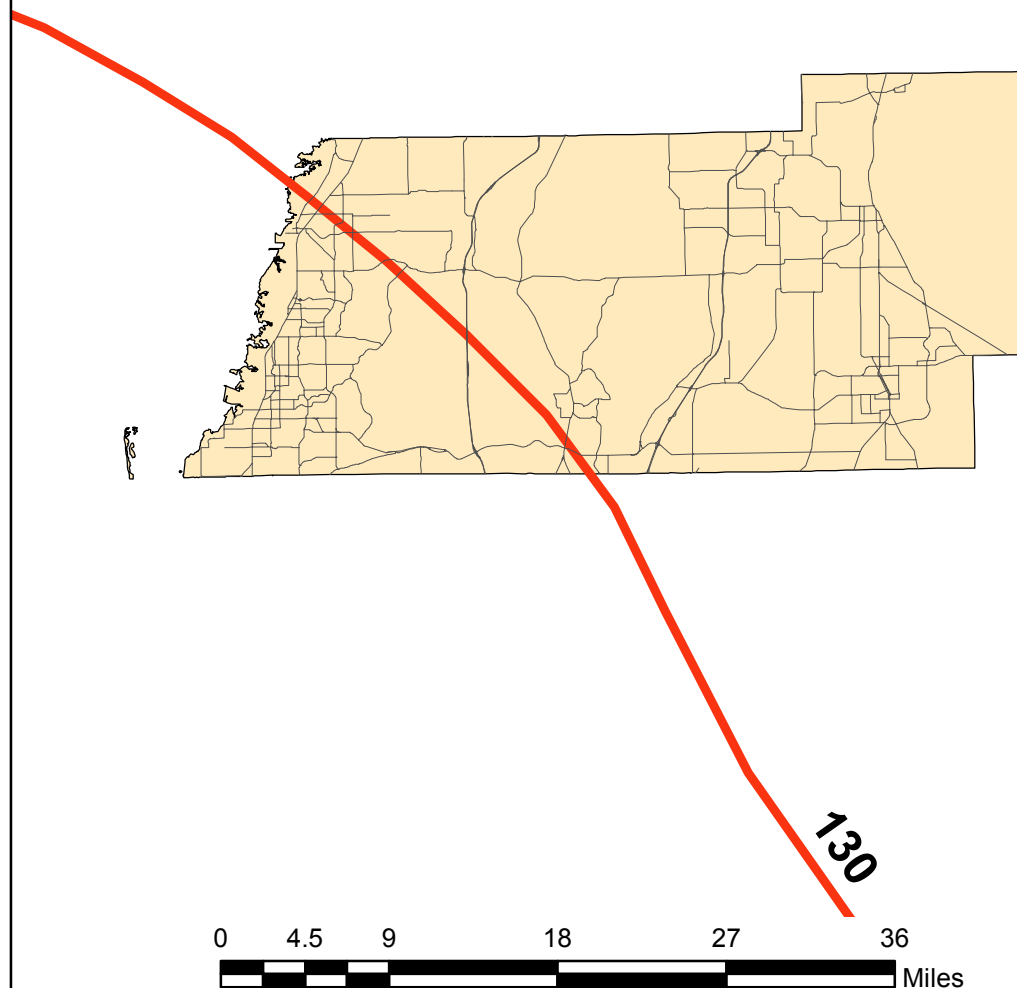
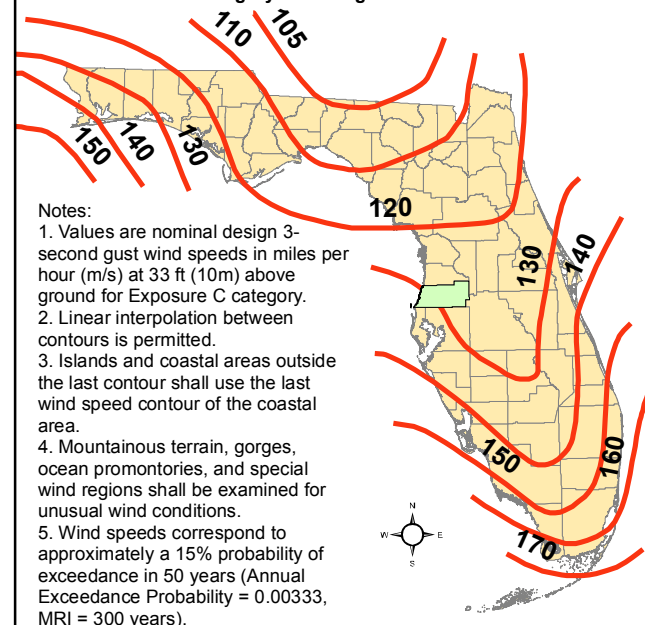


Figure 1609C Ultimate Design Wind Speeds,
for Risk Category I Buildings and Other Structures



- Notes:
1. Values are nominal design 3-second gust wind speeds in miles per hour (m/s) at 33 ft (10m) above ground for Exposure C category.
 2. Linear interpolation between contours is permitted.
 3. Islands and coastal areas outside the last contour shall use the last wind speed contour of the coastal area.
 4. Mountainous terrain, gorges, ocean promontories, and special wind regions shall be examined for unusual wind conditions.
 5. Wind speeds correspond to approximately a 15% probability of exceedance in 50 years (Annual Exceedance Probability = 0.00333, MRI = 300 years).

PINELLAS

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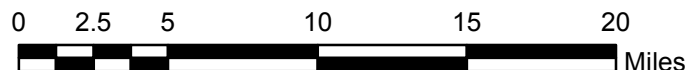
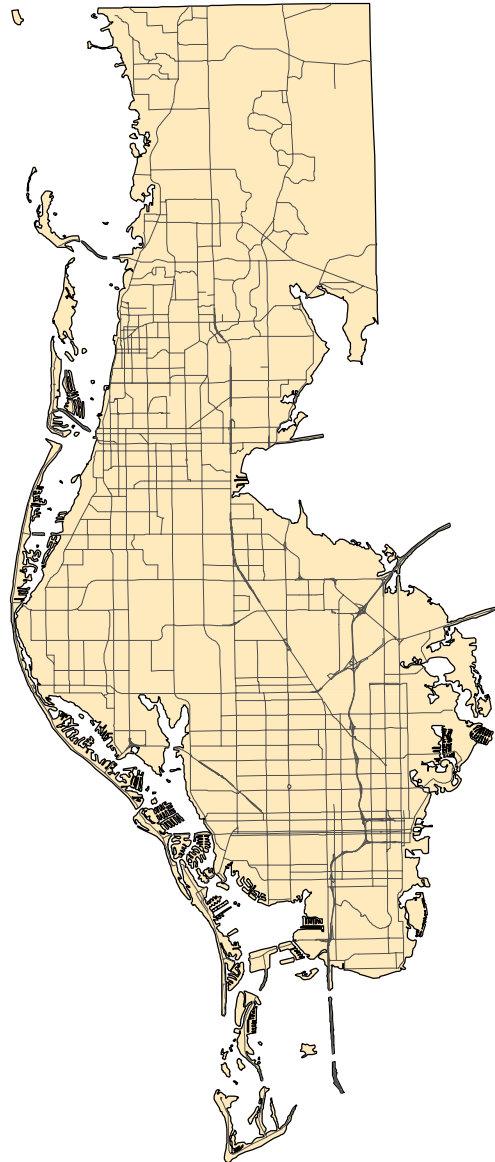
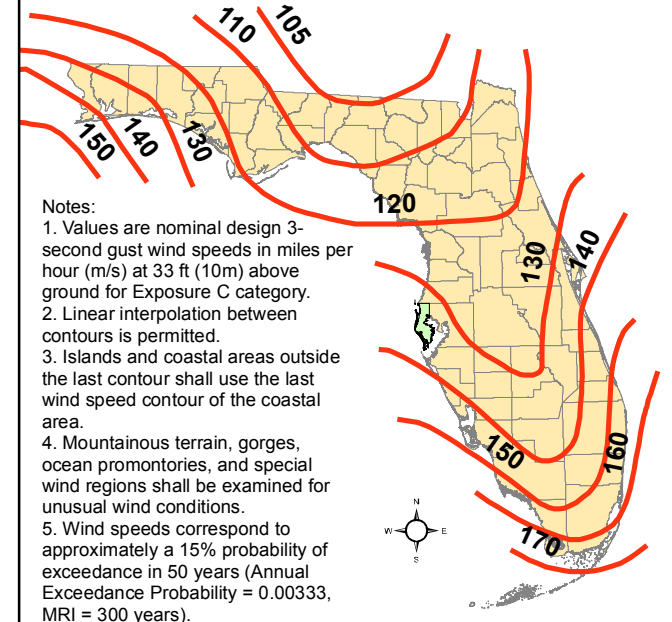


Figure 1609C Ultimate Design Wind Speeds,
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POLK

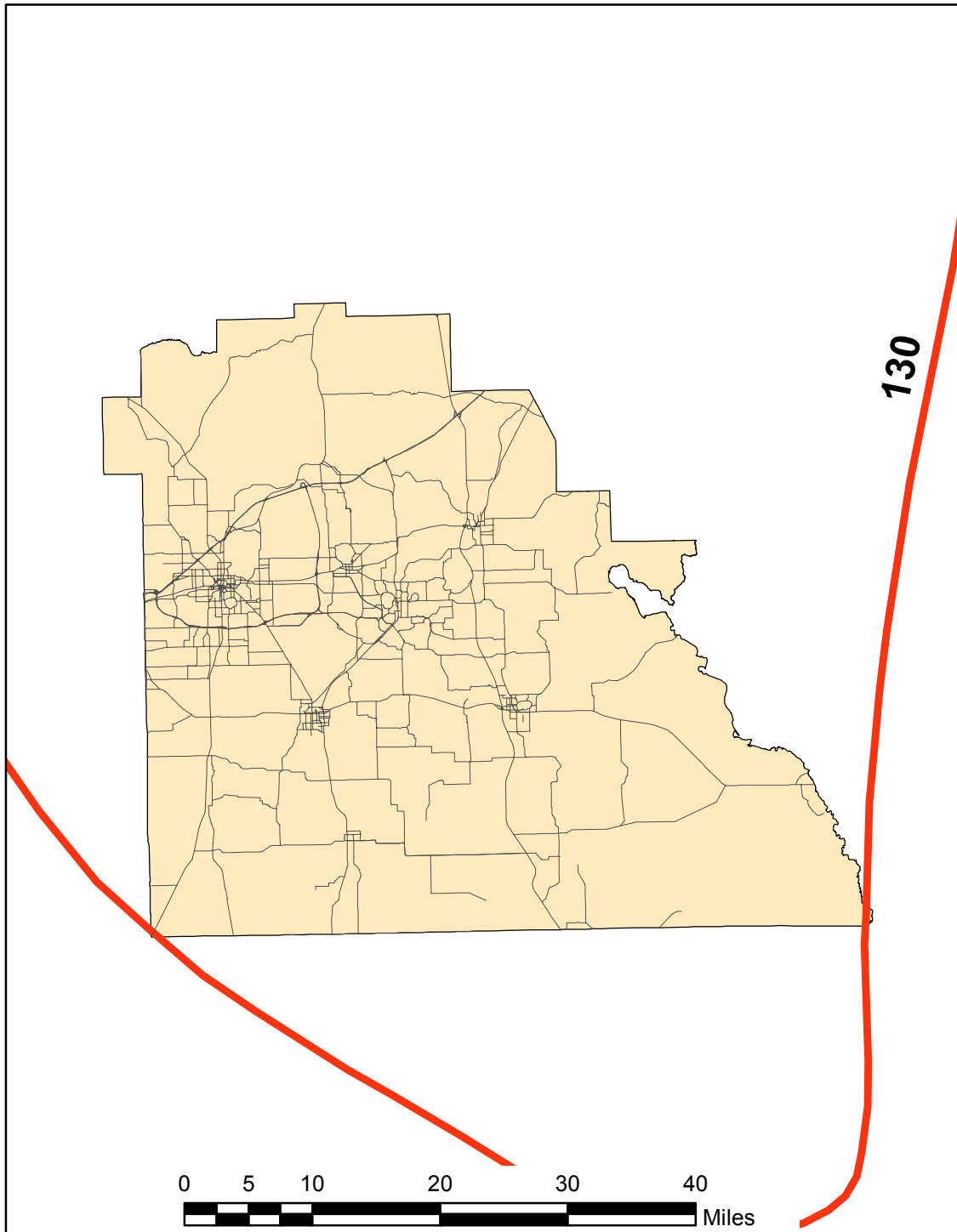
Figure 1609C Ultimate Design Wind Speeds Risk Category I Buildings

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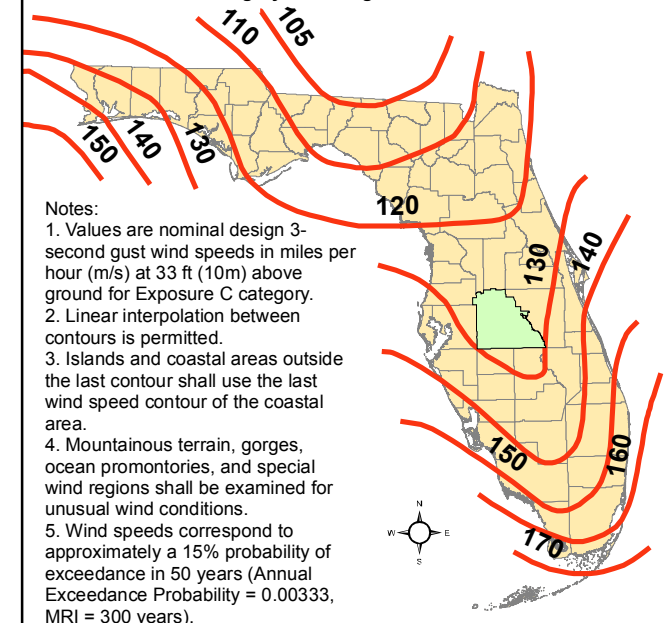
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**Figure 1609C Ultimate Design Wind Speeds,
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PUTNAM

Figure 1609C Ultimate Design Wind Speeds Risk Category I Buildings

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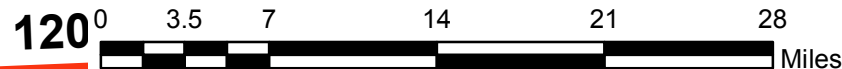
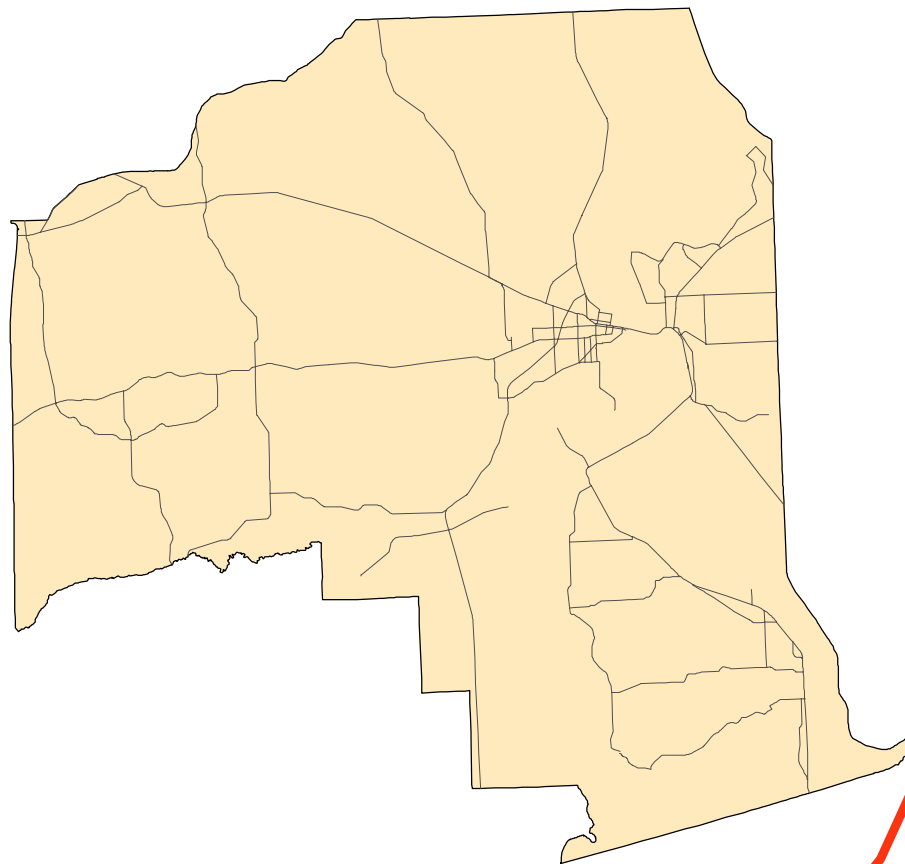
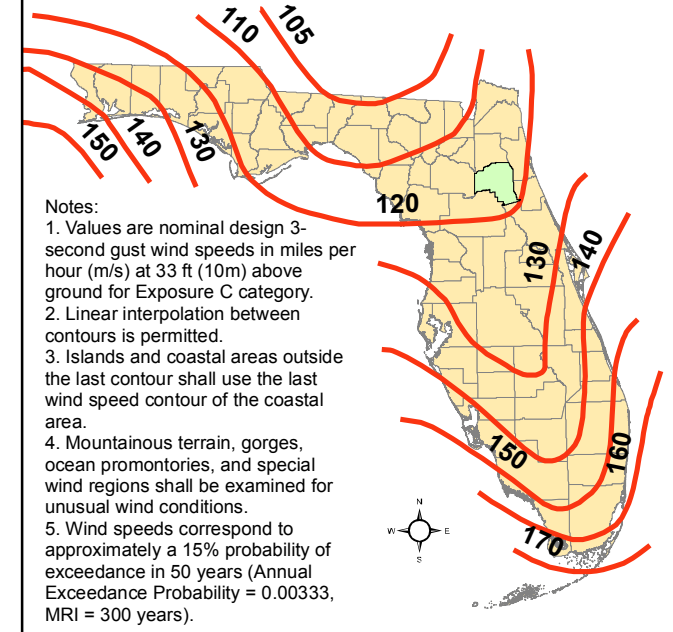


Figure 1609C Ultimate Design Wind Speeds,
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SANTAROSA

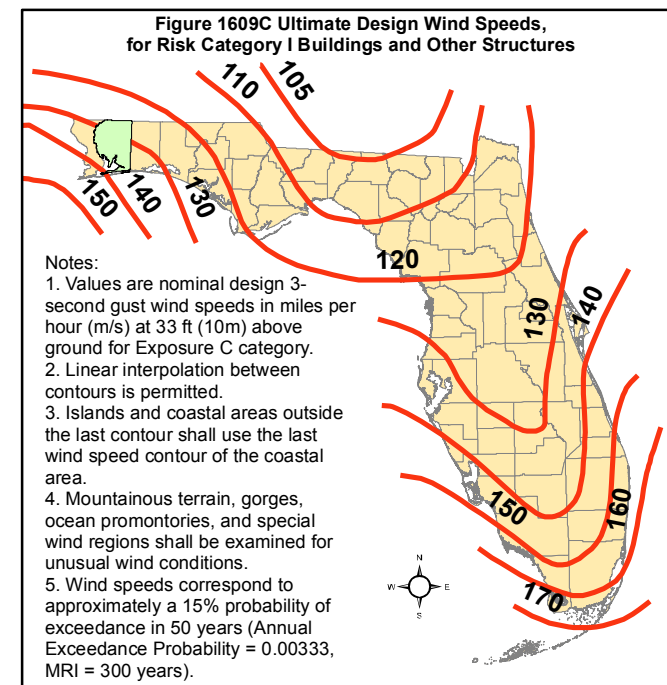
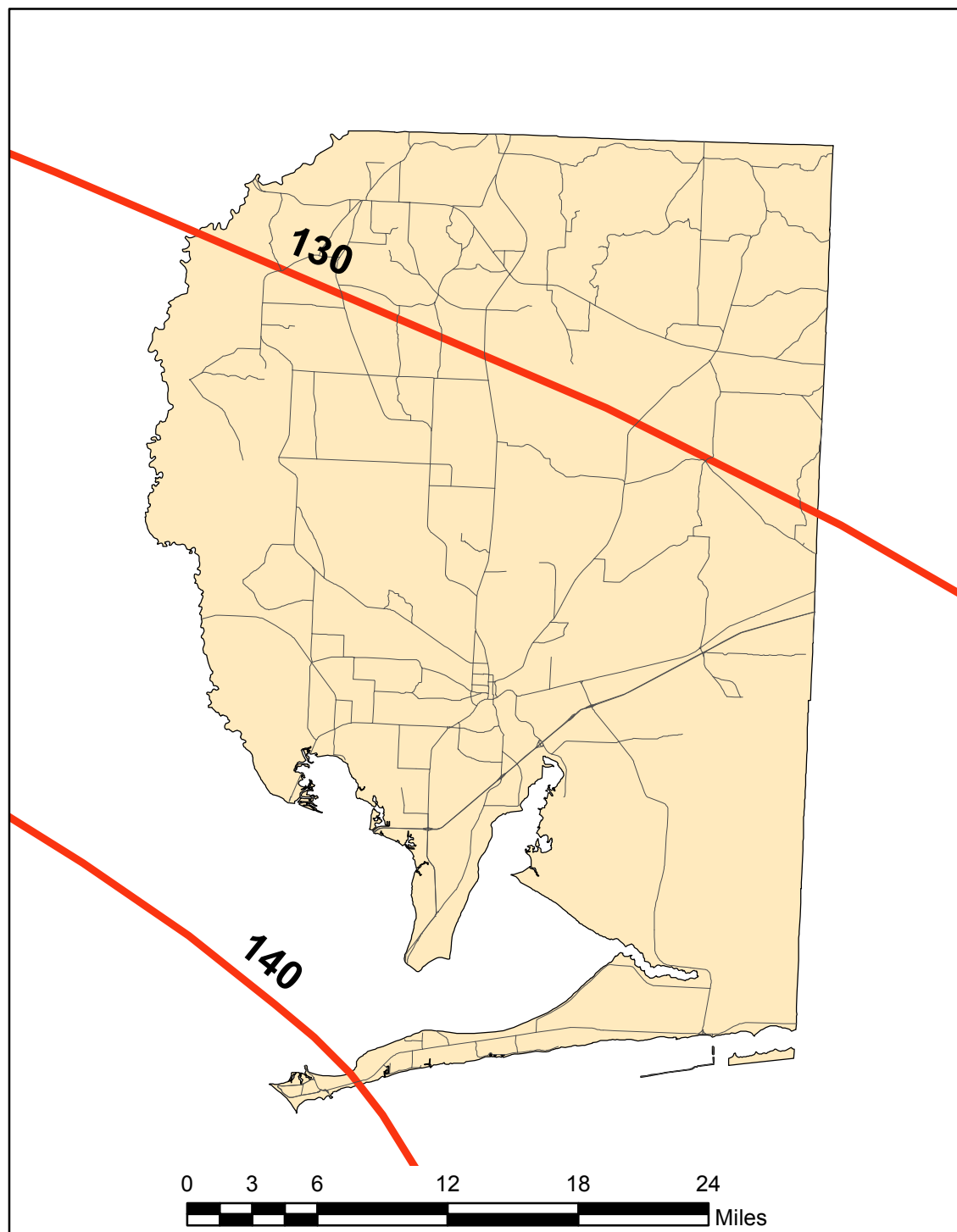
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SARASOTA

Figure 1609C

Ultimate Design Wind Speeds

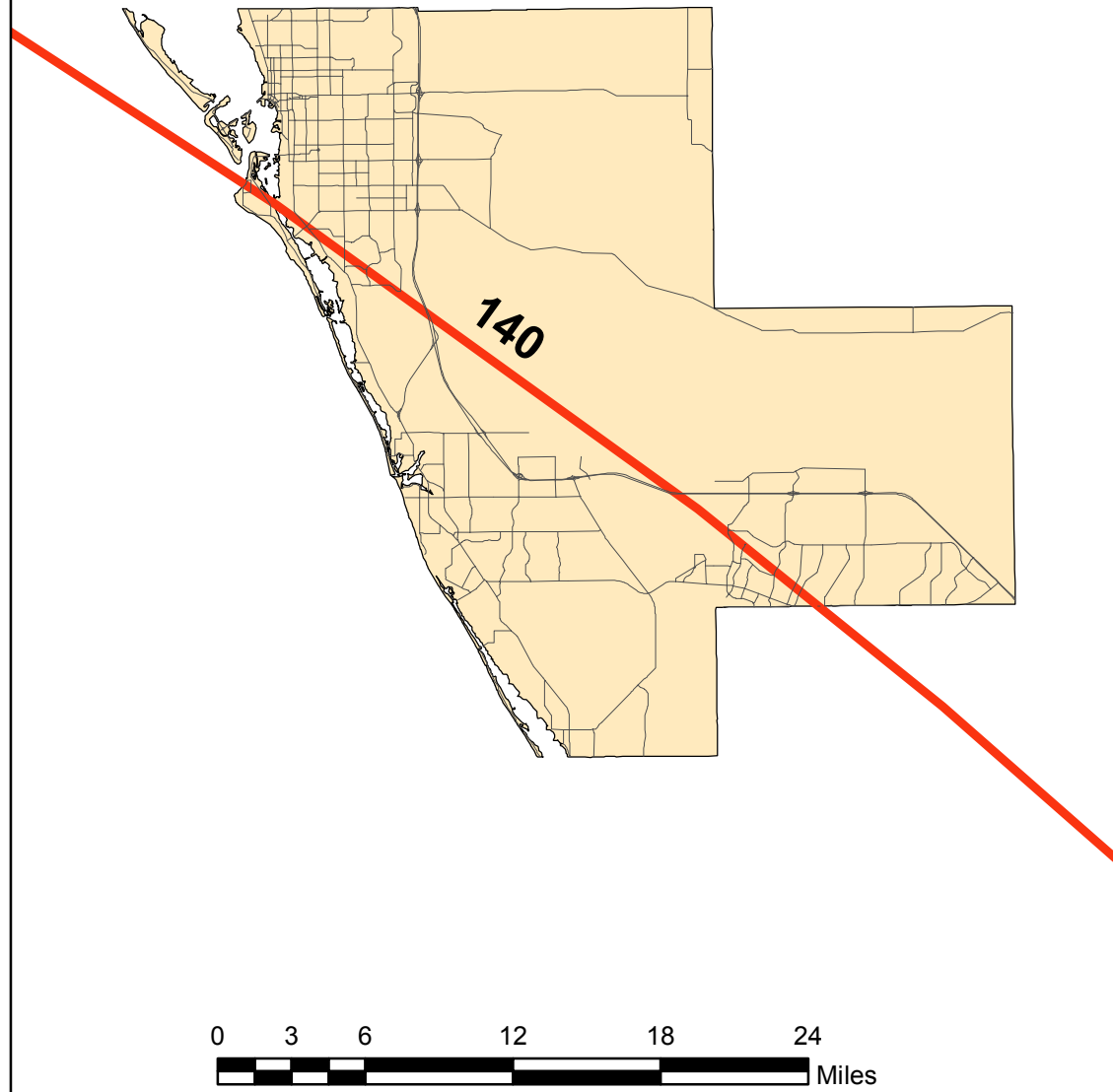
Risk Category I Buildings

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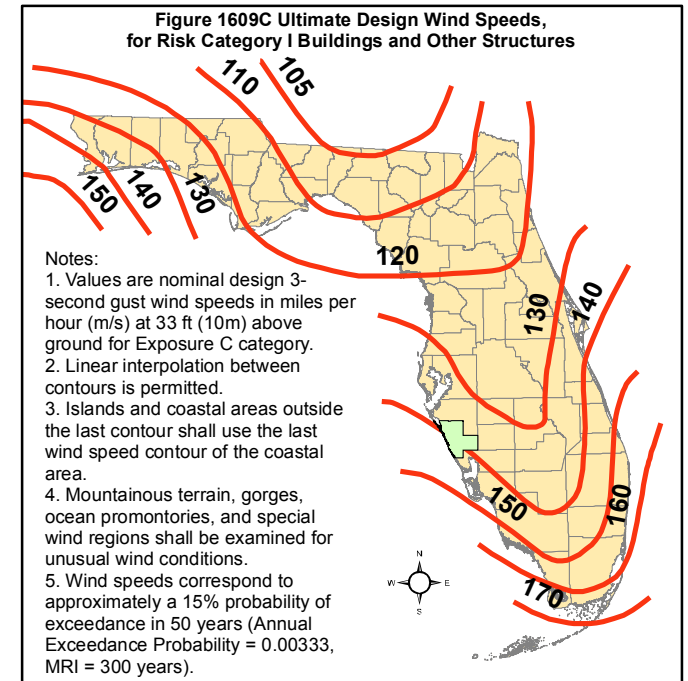
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June 28, 2011



Sources: Florida Department of Community Affairs, Codes and Standards Division; Applied Research Associates, Inc.; Florida Geographic Data Library

SEMINOLE

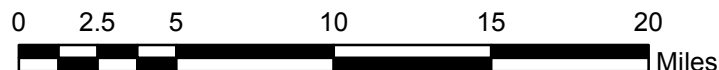
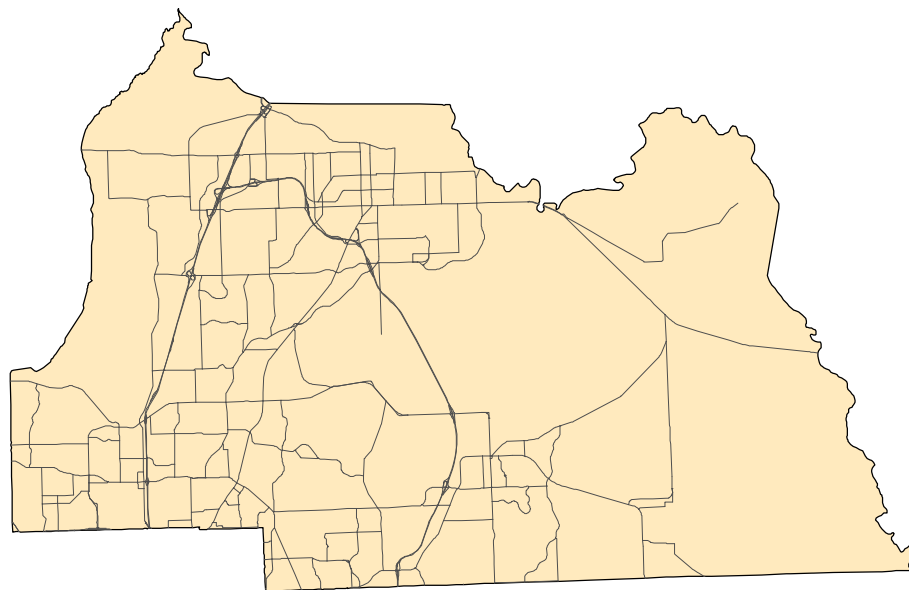
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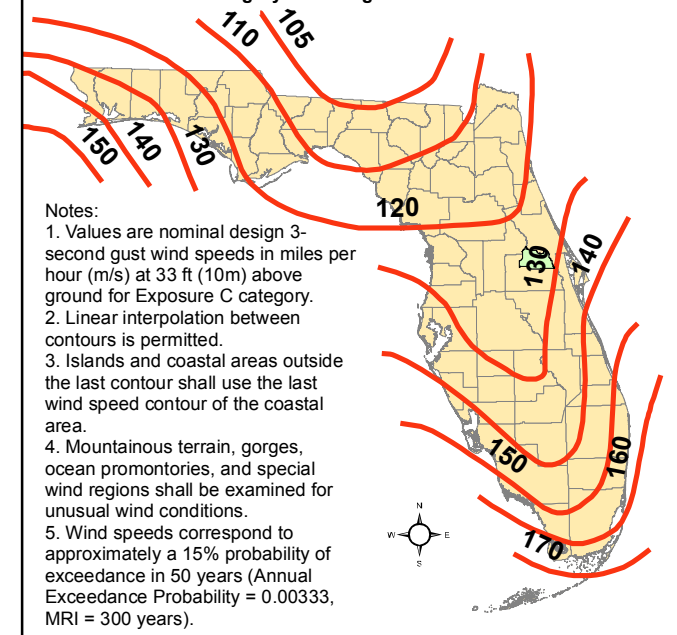
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June 28, 2011

Figure 1609C Ultimate Design Wind Speeds,
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STJOHNS

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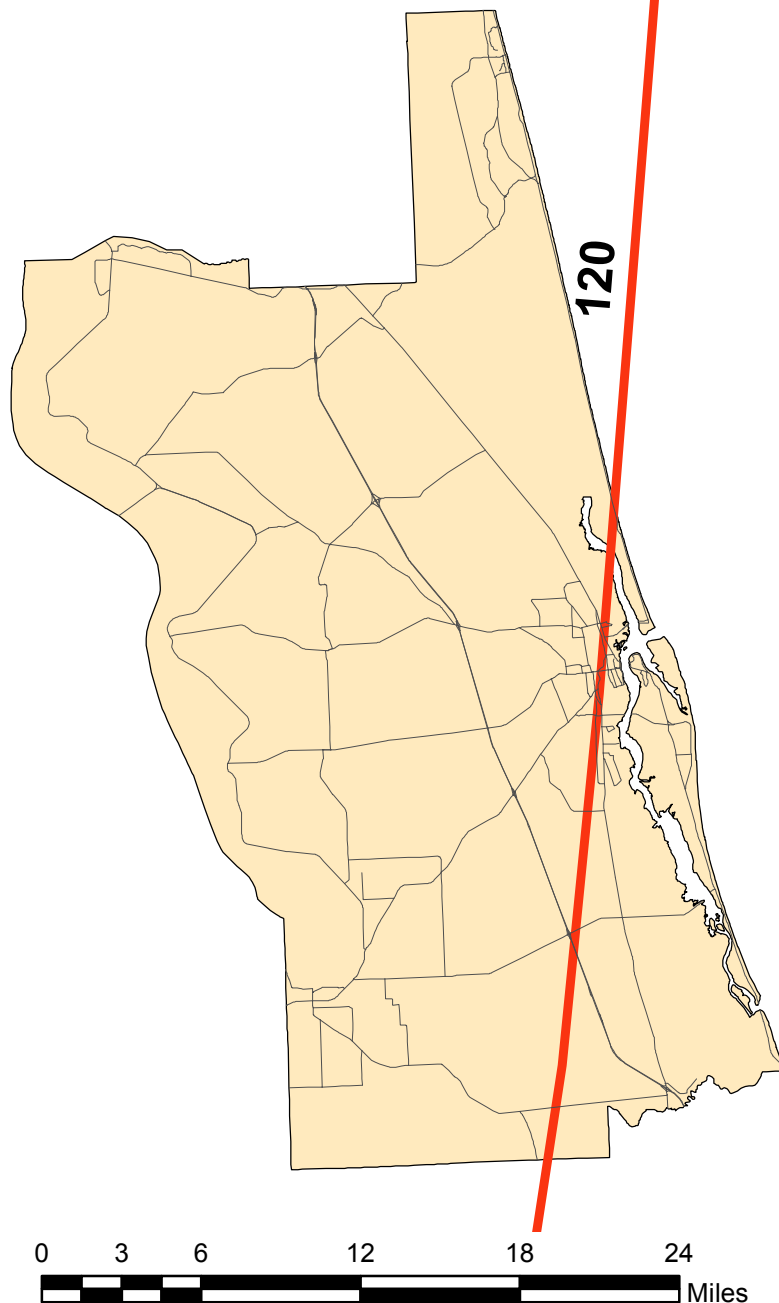
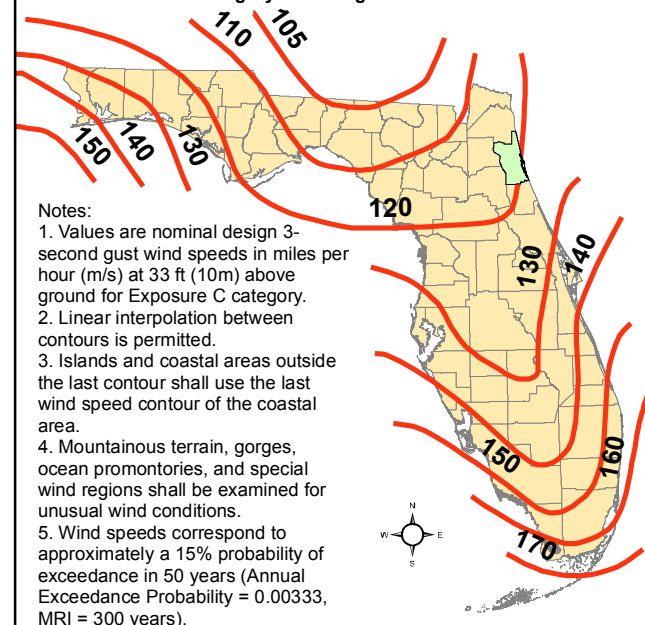


Figure 1609C Ultimate Design Wind Speeds,
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STLUCIE

Figure 1609C

Ultimate Design Wind Speeds

Risk Category I Buildings

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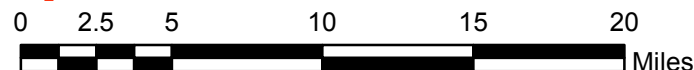
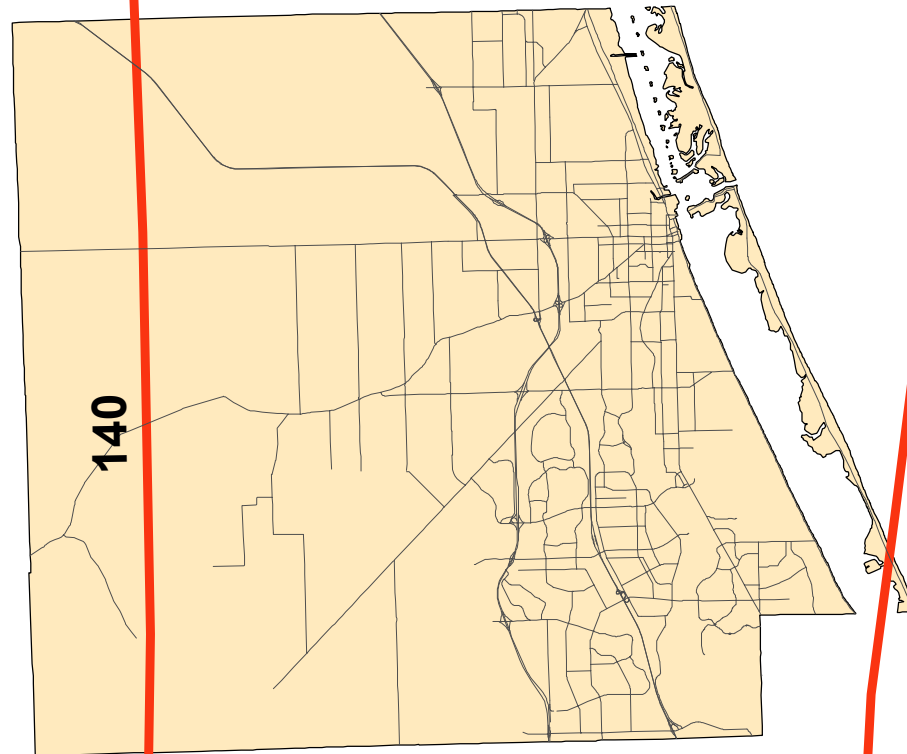
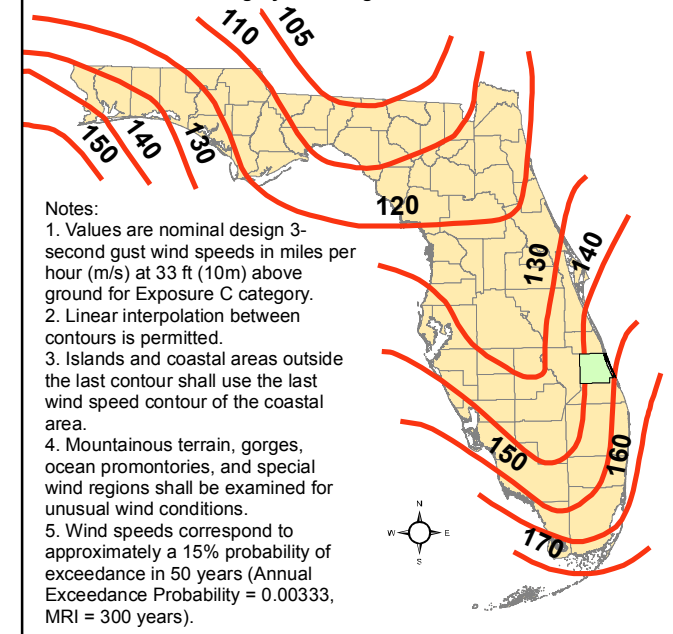


Figure 1609C Ultimate Design Wind Speeds, for Risk Category I Buildings and Other Structures



SUMTER

Figure 1609C Ultimate Design Wind Speeds Risk Category I Buildings

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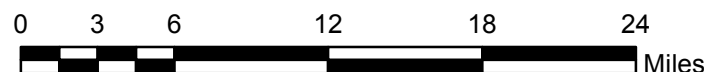
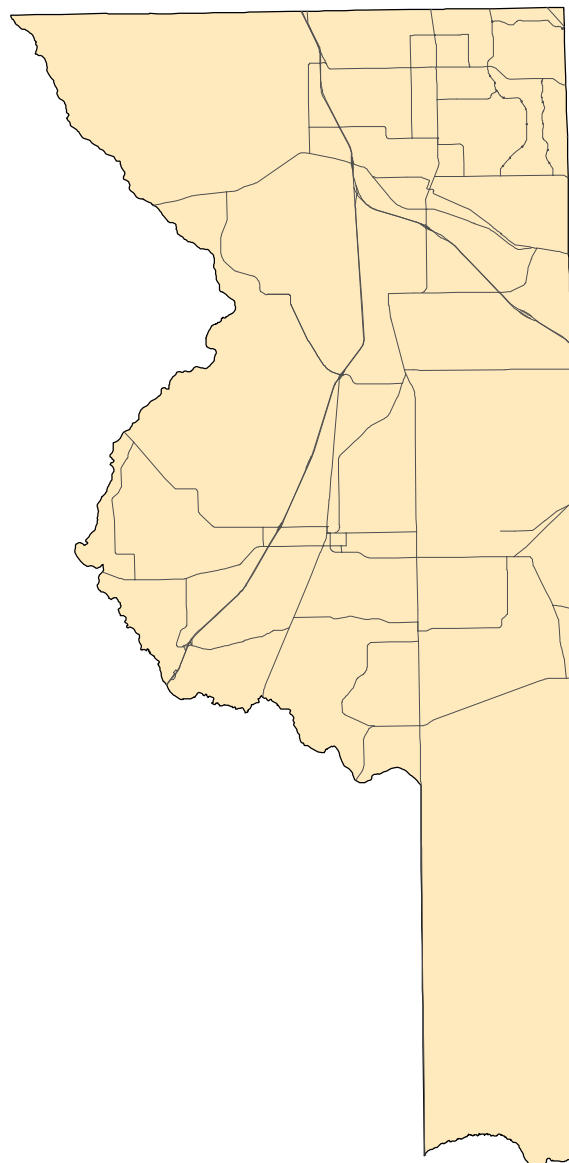
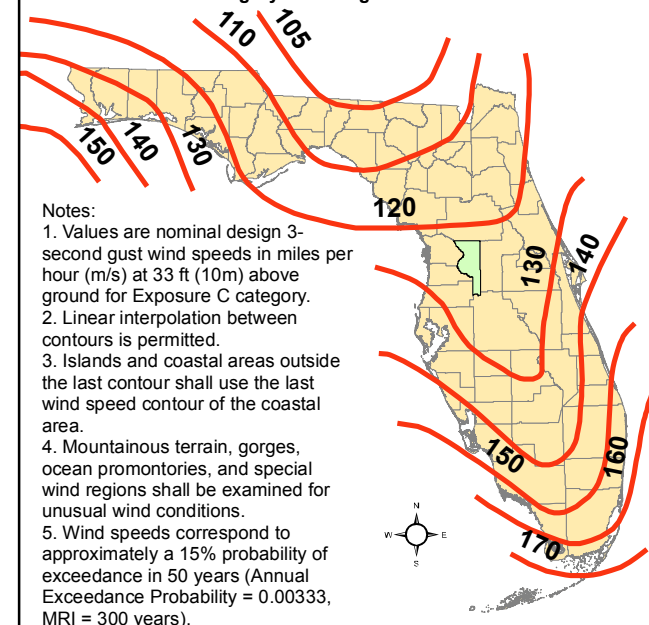


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SUWANNEE

Figure 1609C

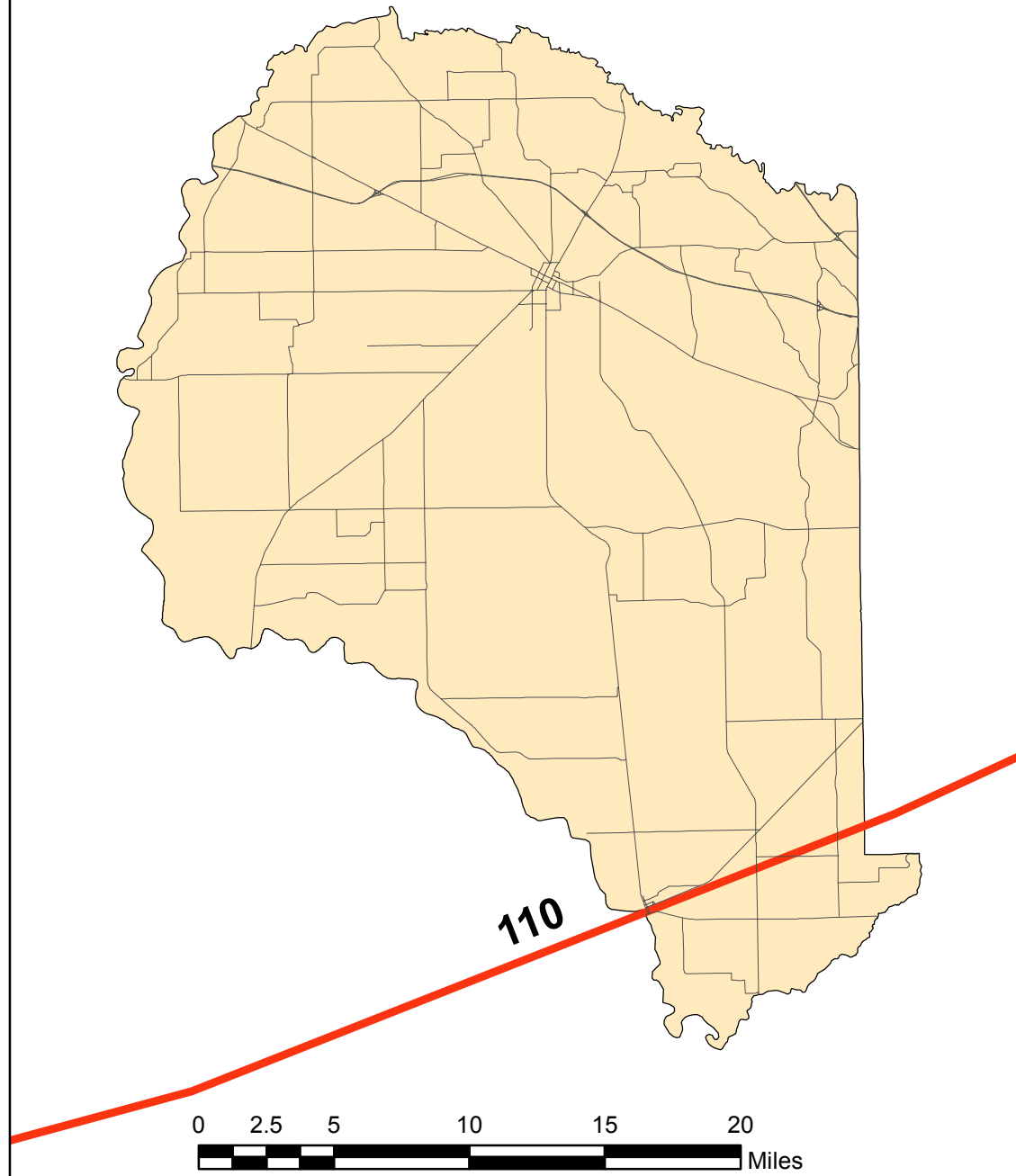
Ultimate Design Wind Speeds Risk Category I Buildings

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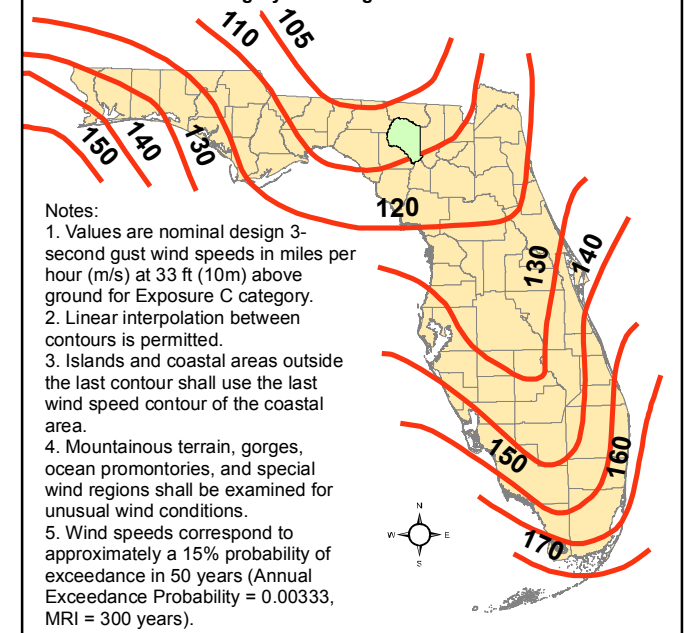
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June 28, 2011

**Figure 1609C Ultimate Design Wind Speeds,
for Risk Category I Buildings and Other Structures**



Sources: Florida Department of Community Affairs, Codes and Standards Division; Applied Research Associates, Inc.; Florida Geographic Data Library

TAYLOR

Figure 1609C

Ultimate Design Wind Speeds

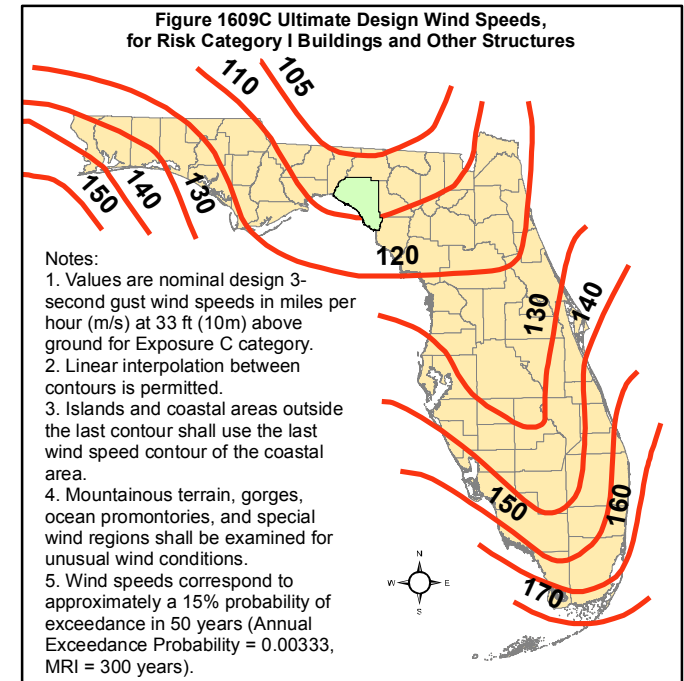
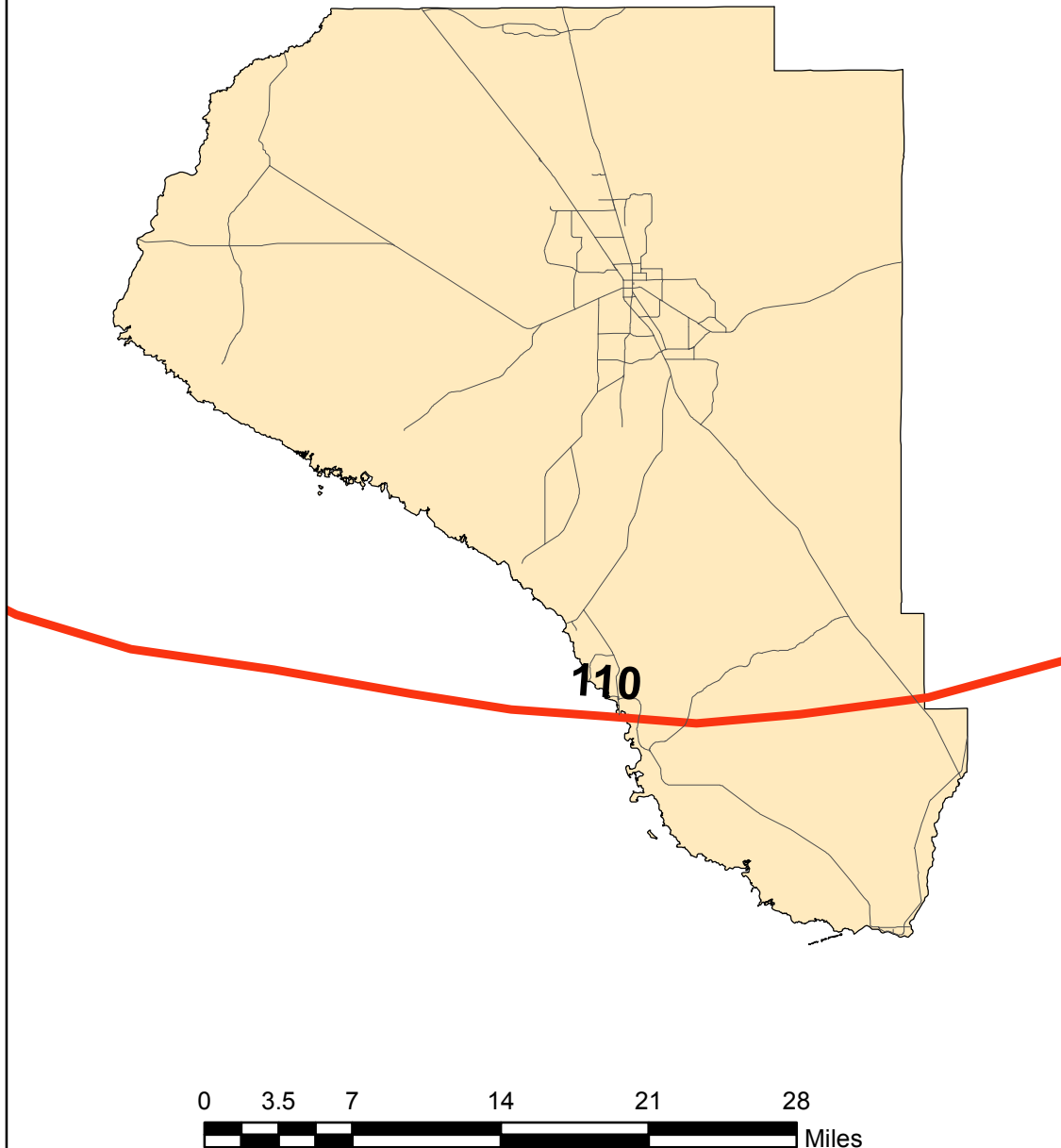
Risk Category I Buildings

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Sources: Florida Department of Community Affairs, Codes and Standards Division; Applied Research Associates, Inc.; Florida Geographic Data Library

UNION

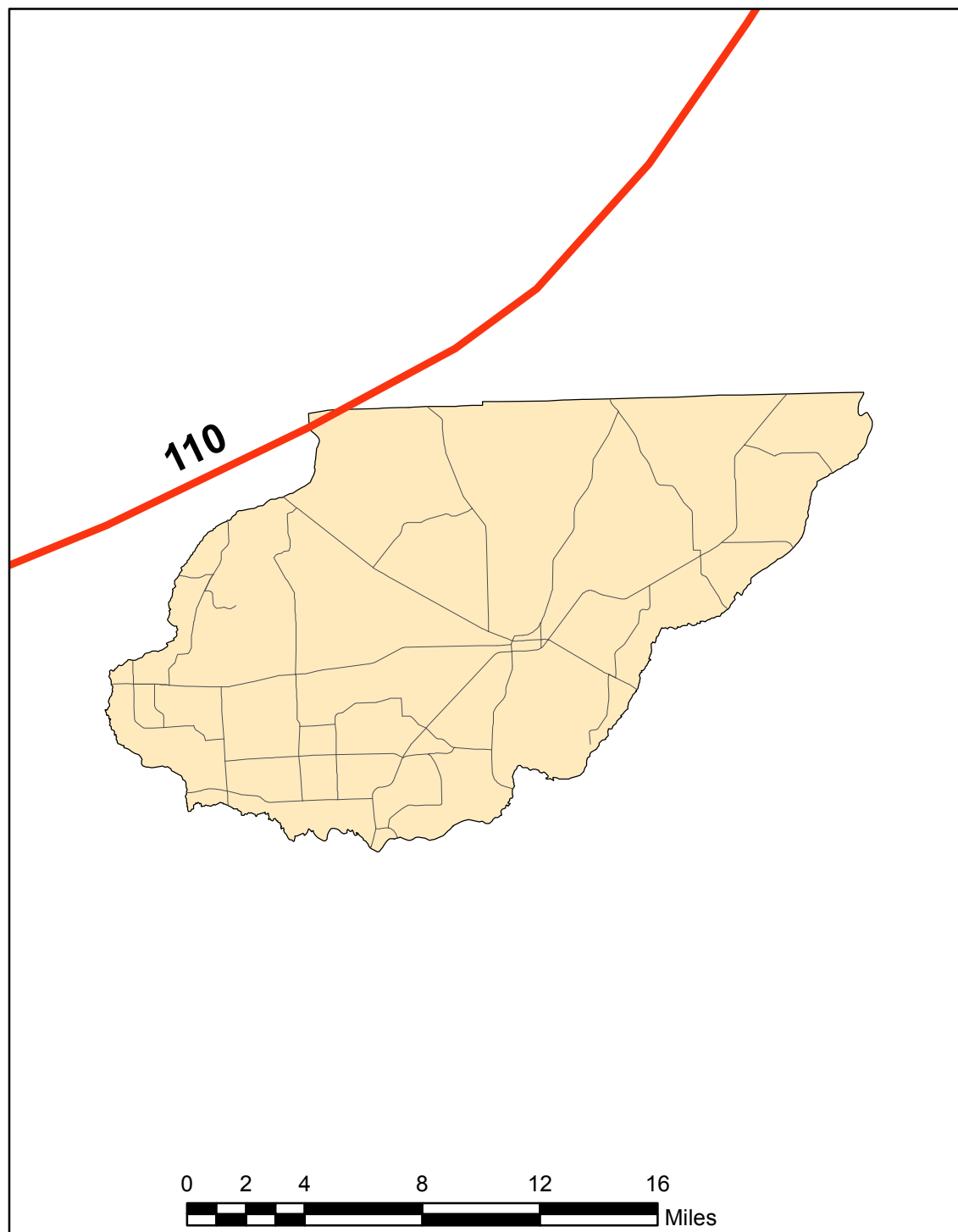
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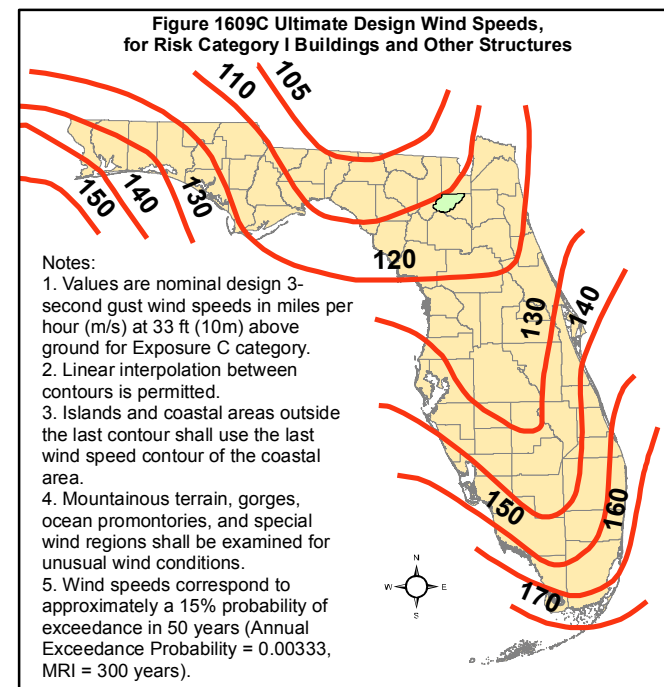
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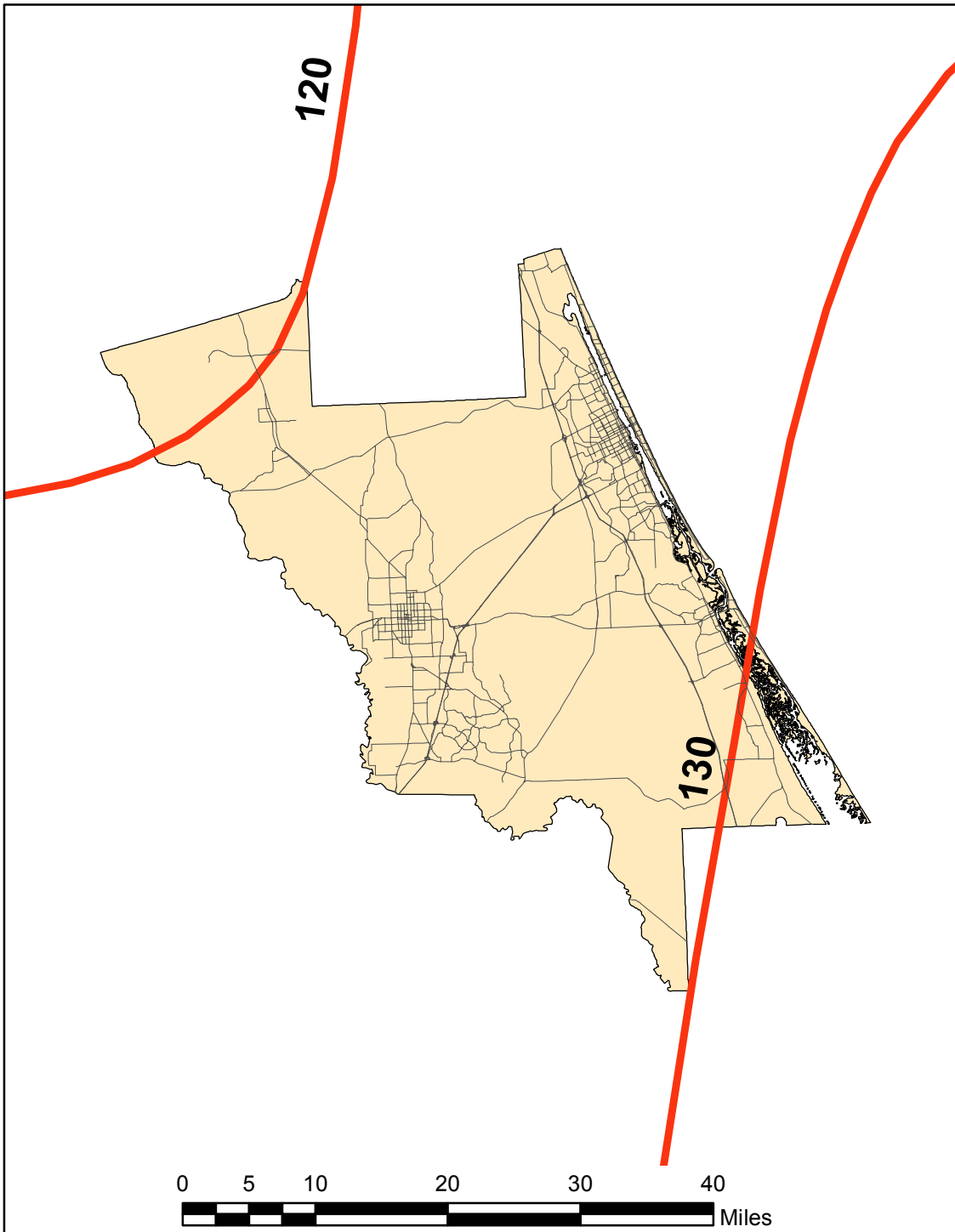
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June 28, 2011



Sources: Florida Department of Community Affairs, Codes and Standards Division; Applied Research Associates, Inc.; Florida Geographic Data Library



VOLUSIA

Figure 1609C

Ultimate Design Wind Speeds

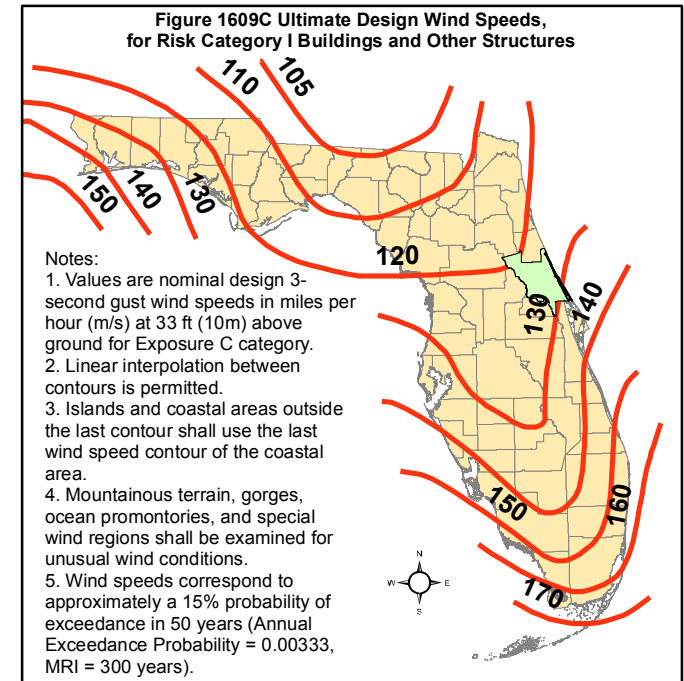
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WAKULLA

Figure 1609C

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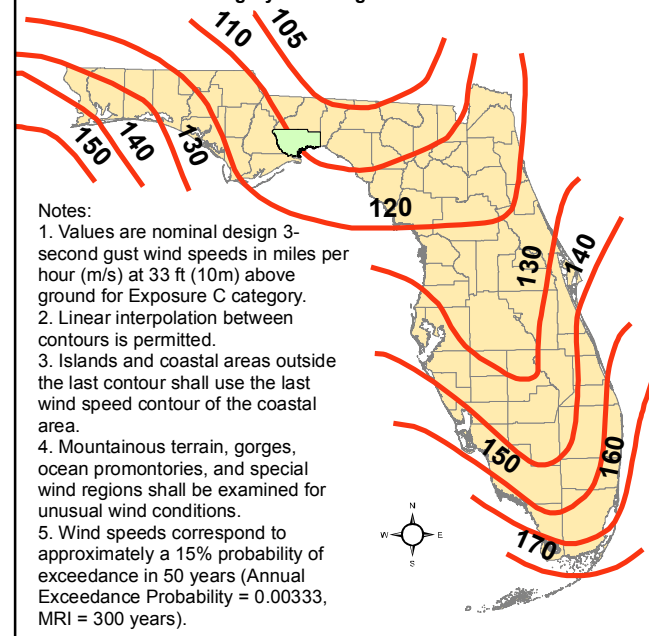
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2. In areas where the ultimate design wind speed V_{ult} is 140 mph (53 m/s) or greater

For Risk Category II buildings and structures and occupancy category III buildings and structures, except health care facilities, the windborne debris region shall be based on Figure 1609A. For occupancy category IV buildings and structures and occupancy category III health care facilities, the windborne debris region shall be based on Figure 1609B.



Figure 1609C Ultimate Design Wind Speeds,
for Risk Category I Buildings and Other Structures



- Notes:
1. Values are nominal design 3-second gust wind speeds in miles per hour (m/s) at 33 ft (10m) above ground for Exposure C category.
 2. Linear interpolation between contours is permitted.
 3. Islands and coastal areas outside the last contour shall use the last wind speed contour of the coastal area.
 4. Mountainous terrain, gorges, ocean promontories, and special wind regions shall be examined for unusual wind conditions.
 5. Wind speeds correspond to approximately a 15% probability of exceedance in 50 years (Annual Exceedance Probability = 0.00333, MRI = 300 years).

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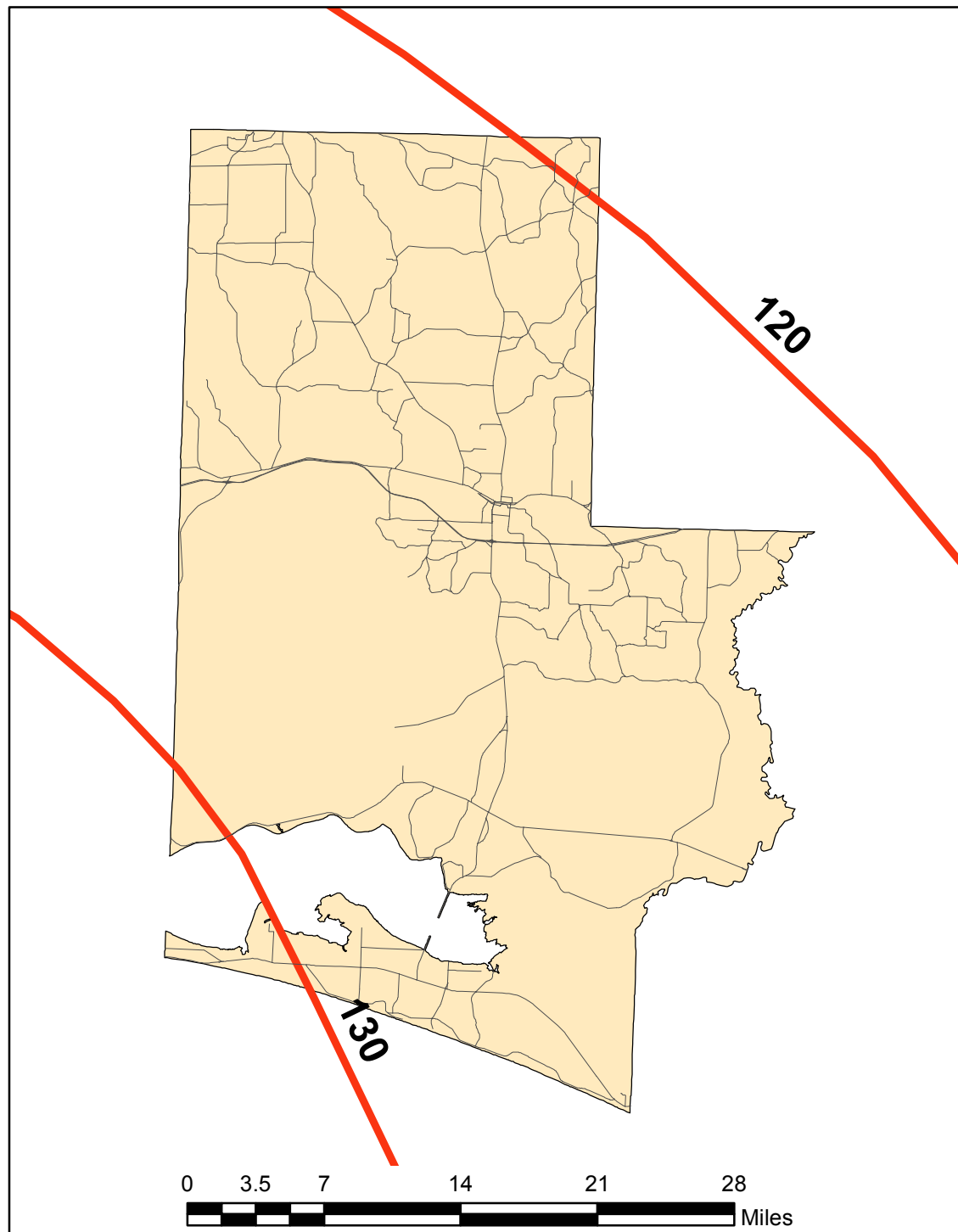
Figure 1609C Ultimate Design Wind Speeds Risk Category I Buildings

BASIC WIND SPEED. The basic wind speed in miles per hour, for the development of wind loads, shall be determined from Figure 1609. The exact location of wind speed lines shall be established by local ordinance using recognized physical landmarks such as major roads, canals, rivers and lake shores whenever possible.

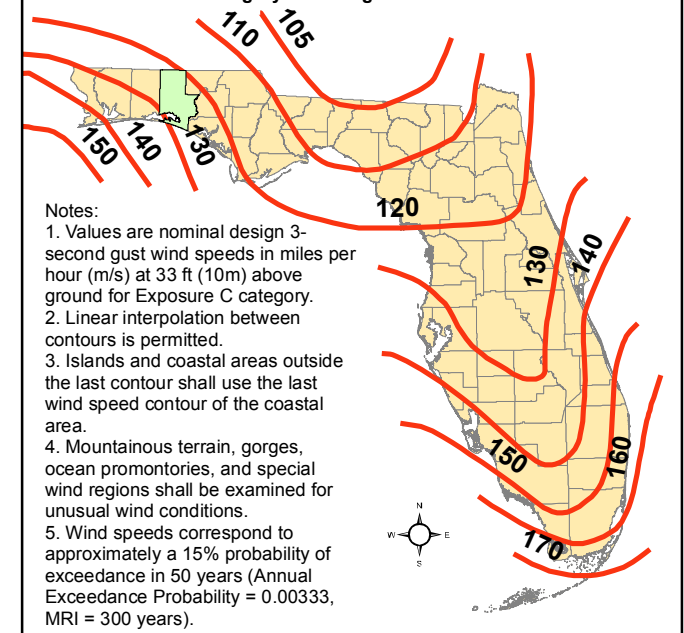
WIND-BORNE DEBRIS REGION. Areas within hurricane- prone regions located:

1. Within 1 mile (1.61 km) of the coastal mean high water line where the ultimate design wind speed V_{ult} is 130 mph (48 m/s) or greater; or
2. In areas where the ultimate design wind speed V_{ult} is 140 mph (53 m/s) or greater

For Risk Category II buildings and structures and occupancy category III buildings and structures, except health care facilities, the windborne debris region shall be based on Figure 1609A. For occupancy category IV buildings and structures and occupancy category III health care facilities, the windborne debris region shall be based on Figure 1609B.



**Figure 1609C Ultimate Design Wind Speeds,
for Risk Category I Buildings and Other Structures**



Sources: Florida Department of Community Affairs, Codes and Standards Division; Applied Research Associates, Inc.; Florida Geographic Data Library

WASHINGTON

Figure 1609C Ultimate Design Wind Speeds Risk Category I Buildings

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WIND-BORNE DEBRIS REGION. Areas within hurricane-prone regions located:

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For Risk Category II buildings and structures and occupancy category III buildings and structures, except health care facilities, the windborne debris region shall be based on Figure 1609A. For occupancy category IV buildings and structures and occupancy category III health care facilities, the windborne debris region shall be based on Figure 1609B.

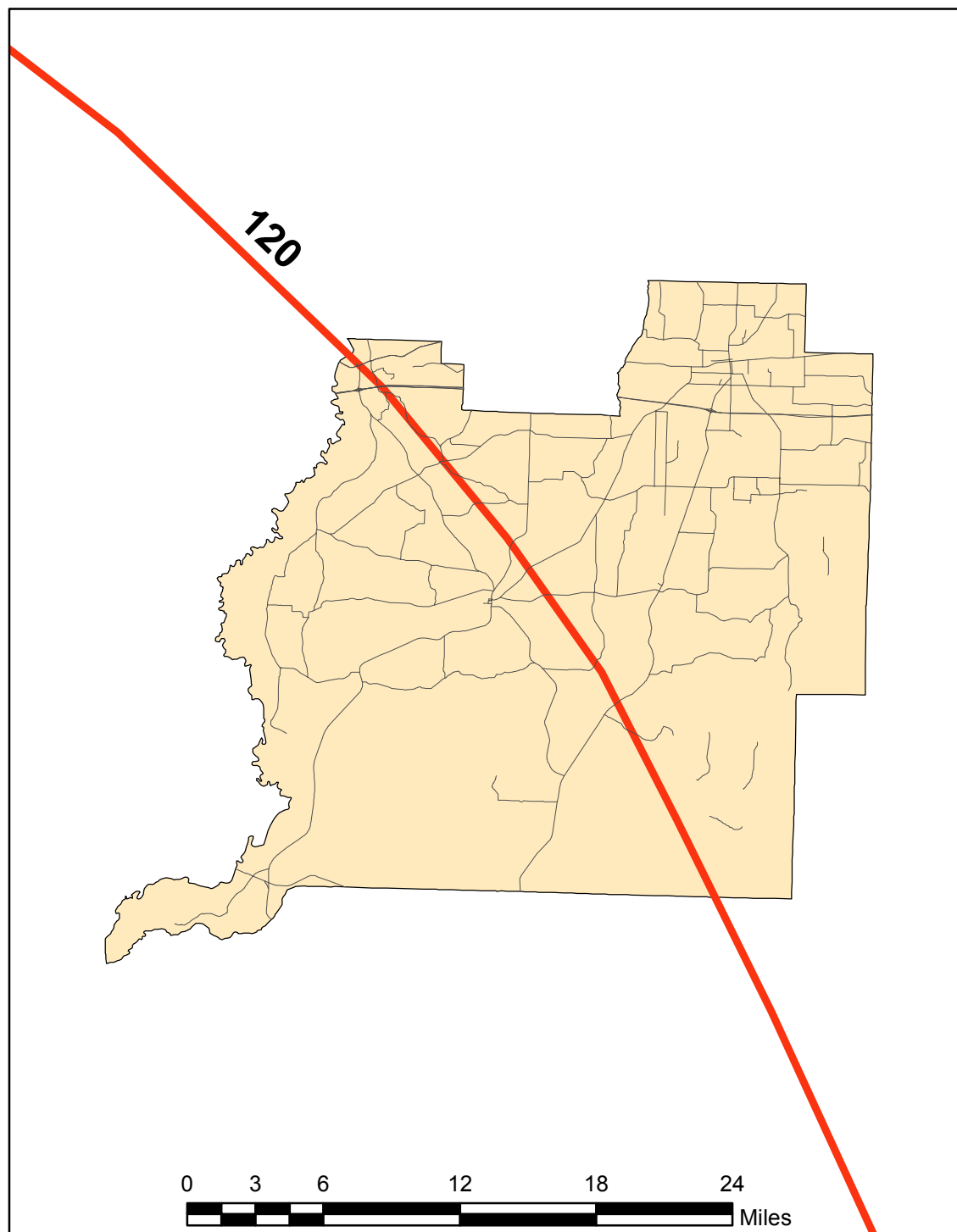
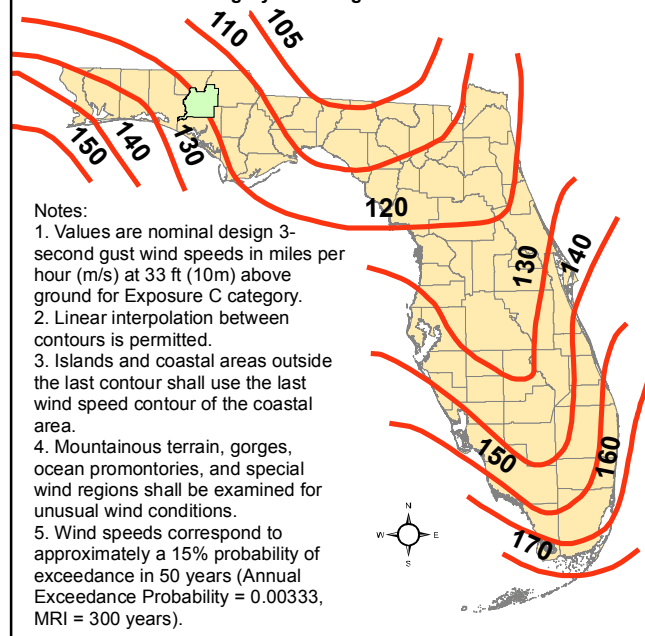


Figure 1609C Ultimate Design Wind Speeds,
for Risk Category I Buildings and Other Structures



Notes:

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